BEFORE THE POLLUTION CONTROL BOARD
OF THE STATE OF ILLINOIS

CHRONISTER OIL CO. d/b/a QIK-N-EZ,	)	
	)	
Petitioner,	)	
	)	
v.	)	PCB 2024-050
	)	(LUST Appeal)
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY,	)	
	)	
Respondent.	)	

NOTICE

Don Brown, Clerk
Illinois Pollution Control Board
60 E. Van Buren St., Ste. 630
Chicago, IL 60605
don.brown@illinois.gov

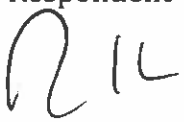
Carol Webb, Hearing Officer
Illinois Pollution Control Board
1021 North Grand Avenue East
P.O. Box 19274
Springfield, IL 62794-9274
carol.webb@illinois.gov

Patrick D. Shaw
Law Office of Patrick D. Shaw
80 Bellerive Road
Springfield, IL 62704
pdshaw1law@gmail.com

PLEASE TAKE NOTICE that I have today filed with the office of the Clerk of the Pollution Control Board an **APPEARANCE,** the **ADMINISTRATIVE RECORD,** and a **CERTIFICATE OF RECORD ON APPEAL,** copies of which are herewith served upon you.

Respectfully submitted,

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY,
Respondent



Rich Kim
Assistant Counsel - Division of Legal Counsel
Special Assistant Attorney General
1021 North Grand Avenue, East
P.O. Box 19276
Springfield, Illinois 62794-9276
217/782-5544
866/273-5488 (TDD)
Dated: July 24, 2024

BEFORE THE POLLUTION CONTROL BOARD
OF THE STATE OF ILLINOIS

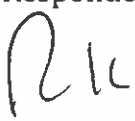
CHRONISTER OIL CO. d/b/a QIK-N-EZ,	)	
	)	
Petitioner,	)	
	)	
v.	)	PCB 2024-050
	)	(LUST Appeal)
ILLINOIS ENVIRONMENTAL	)	
PROTECTION AGENCY,	)	
Respondent.	)	

APPEARANCE

The undersigned, as one of its attorneys, hereby enters his Appearance on behalf of the Respondent, the Illinois Environmental Protection Agency.

Respectfully submitted,

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY,
Respondent



Rich Kim
Assistant Counsel - Division of Legal Counsel
Special Assistant Attorney General
1021 North Grand Avenue, East
P.O. Box 19276
Springfield, Illinois 62794-9276
217/782-5544
866/273-5488 (TDD)
richard.kim@illinois.gov
Dated: July 24, 2024

BEFORE THE POLLUTION CONTROL BOARD
OF THE STATE OF ILLINOIS

CHRONISTER OIL CO. d/b/a QIK-N-EZ,	)	
	)	
Petitioner,	)	
	)	
v.	)	PCB 2024-050
	)	(LUST Appeal)
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY,	)	
	)	
Respondent.	)	

CERTIFICATE OF RECORD ON APPEAL

Pursuant to 35 Ill. Adm. Code 105.116(b) and 105.410, the following constitutes an index of documents comprising the record:

PAGES	DOCUMENT(S)	DATE
AR000001	IEMA Field Report (94-2157)	September 21, 1994
AR000002	IEMA Field Report (96-1540)	August 26, 1996
AR000003	IEMA Field Report (99-1895)	August 11, 1999
AR000004-AR000006	Election to Proceed as Owner letter	November 5, 2019
AR000007-AR000008	IEPA ETP acceptance letter	November 26, 2019
AR000009-AR000010	IEMA Haz. Materials Report (20-1063)	December 9, 2020
AR000011	IEPA Notification of Release	December 11, 2020
AR000012–AR000152	45-Day Report	January 20, 2021
AR000153–AR000156	Election to Proceed as Owner letter	March 10, 2021
AR000157	IEPA ETP acceptance letter	April 7, 2021
AR000158	IEPA acceptance of 45-Day Report	May 26, 2021
AR000159–AR000199	CWM Early Action billing package	September 2, 2021
AR000200-AR000203	IEPA Early Action approval letter	December 13, 2021
AR000204-AR000538	Corrective Action Plan and Budget	March 22, 2022
AR000539-AR000592	Green Wave Early Action billing package	March 25, 2022
AR000593-AR000597	IEPA Early Action approval letter	May 5, 2022
AR000598–AR000600	Project Labor Agreement Determination	June 15, 2022
AR000601–AR000611	IEPA CAP/B response letter	July 22, 2022
AR000612-AR000680	Green Wave reimbursement packages	July 7, 2023
AR000681-AR000684	IEPA decision letter	January 3, 2024

I, Becky Fiedler, certify on information and belief that the entire record of the Respondent's decision, as defined in 35 Ill. Adm. Code 105.410(b), is hereby enclosed.

By: Becky Fiedler

Becky Fiedler
Leaking Underground Storage Tank Section
Illinois Environmental Protection Agency

Date: 23 July 2024

CERTIFICATE OF SERVICE

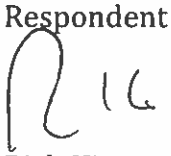
I, the undersigned attorney at law, hereby certify that on **July 24, 2024**, I served true and correct copies of an **APPEARANCE,** the **ADMINISTRATIVE RECORD,** and a **CERTIFICATE OF RECORD ON APPEAL,** via the Board's COOL system and email, upon the following named persons:

Don Brown, Clerk
Illinois Pollution Control Board
60 E. Van Buren St., Ste. 630
Chicago, IL 60605
don.brown@illinois.gov

Carol Webb, Hearing Officer
Illinois Pollution Control Board
1021 North Grand Avenue East
P.O. Box 19274
Springfield, IL 62794-9274
carol.webb@illinois.gov

Patrick D. Shaw
Law Office of Patrick D. Shaw
80 Bellerive Road
Springfield, IL 62704
pdshaw1law@gmail.com

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY,
Respondent



Rich Kim
Assistant Counsel - Division of Legal Counsel
Special Assistant Attorney General
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P.O. Box 19276
Springfield, Illinois 62794-9276
217/782-5544
866/273-5488 (TDD)
richard.kim@illinois.gov

~~H9712001 30~~ - Sangamon
Bruce Franklin
Hurst

1671205320

Illinois Emergency Management Agency

Incident Number 9 4 2 1 5 7

Notify: ILLINOIS EMERGENCY MANAGEMENT AGENCY
1 – 800 / 782 – 7860 or 217 / 782 – 7860

FIELD REPORT

Date: 09 / 21 / 94
Time: 1353
Received by: IS

1. Caller: SALLY ELBECK
2. Call back phone#: 217/529-9191
3. Caller represents: DYC LABORATORIES INC
4. Type of incident: [ ] Fire [X] Leak or ~~Spill~~
   [ ] Explosion [ ] Water Involvement
   [ ] Gas or Vapor cloud [ ] Other
5. Incident Location:
   Street 2800 PEORIA RD
   City SPRINGFIELD [ ] In [ ] Near
   County SANGAMON 62702
   Milepost [ ] RR [ ] River [ ] Highway
   Sec. Twp. Range
6. Area Involved: [ ] Highway [ ] Rail [X] Fixed Facility
   [ ] Waterway [ ] Air [ ] Other
7. Material (s) Involved: GASOLINE
   [ ] Gas [ ] Liquid [ ] Semi-Solid [ ] Solid
   [ ] Pesticide [ ] Radioactive
   CAS #:
   UN/NA #:
   Is this a 302 (a) Extremely Hazardous Substance?
   [ ] Yes [ ] No [ ] Unknown
   Is this a RCRA Hazardous Waste?
   [ ] Yes [ ] No [ ] Unknown
   If Yes, is this a RCRA regulated facility?
   [ ] Yes [ ] No
8. Container: [ ] Truck [ ] RR car [ ] Drum
   [ ] Aboveground tank [ ] Pipeline
   [X] Underground tank [ ] Other
   container size: UNKNOWN
9. Amount released: UNKNOWN
   Rate of release: / min.
10. Cause of release: UNKNOWN
11. Estimated spill extent:
    [ ] square feet [ ] square yards
12. [ ] Occurred Date: / / Time:
    [ ] Discovered Date: 09/ 21 / 94 Time: 1300
13. Emergency units contacted
    [ ] Fire
    [ ] Sheriff
    [ ] Police
    [ ] ESDA
    [ ] Other

    On scene
    [X] Fire SPLFD FD
    [ ] Sheriff
    [ ] Police
    [ ] ESDA

14. On Scene Contact:
    On Scene Phone#:
15. No. injured: 0 [ ] Haz-mat related
    Where taken:
16. Public health risks and/or precautions taken, including # evacuated:
    0
17. Assistance needed from State Agencies:
    0
18. Containment/cleanup actions and plans:
    REMOVE TANKS
19. Weather: [ ] sunny [ ] overcast [ ] night
    [ ] pdy. cldy. [ ] rain [ ] snow
    Temp. F wind dir. speed mph.
20. Responsible Party: BRUCE FRANKLYN
    Contact person: 217/629-7201
    Phone #
    Mailing address: PO BOX 952
    RIVERTON IL 62561

Notifications: IEPA/SFM

SCREENED
ds

16 7120 5520 - Sangamon
Lincoln land Oil
UST

CDA

AUG-26-96 MON 12:06 P. 03/03

Illinois Emergency Management Agency

Incident Number 9 6 1 5 4 0

Notify: ILLINOIS EMERGENCY MANAGEMENT AGENCY
1 - 800 / 782 - 7860 or 217 / 782 - 7860

FIELD REPORT

Date: 08 / 26 / 96
Time: 1150
Received by: JS

1. Caller: ROGER HARNEY
2. Call back phone#: 217/523-5050
3. Caller represents: LINCOLNLAND OIL
4. Type of incident: [ ] Fire [X] Leak or Spill
   [ ] Explosion [ ] Water Involvement
   [ ] Gas or Vapor cloud [ ] Other
5. Incident Location:
   Street 2800 NORTH PEORIA RD
   City SPRINGFIELD 120 [X] In [ ] Near
   County SANGAMON 167
   Milepost [ ] RR [ ] River [ ] Highway
   Sec. Twp. Range
6. Area Involved: [ ] Highway [ ] Rail [X] Fixed Facility
   [ ] Waterway [ ] Air [ ] Other
7. Material (s) Involved: GASOLINE
   [ ] Gas [ ] Liquid [ ] Semi-Solid [ ] Solid
   [ ] Pesticide [ ] Radioactive
   CAS #: 00800619
   UN/NA #:
   Is this a 302 (a) Extremely Hazardous Substance?
   [ ] Yes [ ] No [ ] Unknown
   Is this a RCRA Hazardous Waste?
   [ ] Yes [ ] No [ ] Unknown
   If Yes, is this a RCRA regulated facility?
   [ ] Yes [ ] No
8. Container: [ ] Truck [ ] RR car [ ] Drum
   [ ] Aboveground tank [ ] Pipeline
   X [X] Underground tank [X] Other PIPING
   container size:
9. Amount released: UNKNOWN POSS 50 GALS
   Rate of release: ********** / min.
10. Cause of release: HOLE IN PIPE (1)
11. Estimated spill extent:
    [ ] square feet [ ] square yards
12. [ ] Occurred Date: / / Time:
    [X] Discovered Date: 08 / 23 / 96 Time: 0800
13. Emergency units contacted - 0 -
    [ ] Fire
    [ ] Sheriff
    [ ] Police
    [ ] ESDA
    [ ] Other
    On scene
    [ ] Fire
    [ ] Sheriff
    [ ] Police
    [ ] ESDA
    [ ] Other
14. On Scene Contact: 0
    On Scene Phone#:
15. No. injured: 0 [ ] Haz-mat related
    Where taken:
16. Public health risks and/or precautions taken, including # evacuated:
    0
    - 0 -
17. Assistance needed from State Agencies:
    0
18. Containment/cleanup actions and plans:
    PIPE REPAIRED
19. Weather: [ ] sunny [ ] overcast [ ] night
    [ ] ptly. cldy. [ ] rain [ ] snow
    Temp. F wind dir. speed mph.
20. Responsible Party: #3
    Contact person: #1
    Phone # #2
    Mailing address: 2026 REPUBLIC
    SPRINGFIELD IL 62702

Notifications: IEPA/SFM/IDPH/REG 6 FAXED

SCREENED RM

1671205520 - Sangamon
Q&E Property

LUST

Illinois Emergency Management Agency

Incident Number 9 9 1 8 9 5

FIELD REPORT

Date: 8 / 11 / 99
Time: 1714
Received by: JLD

Notify: ILLINOIS EMERGENCY MANAGEMENT AGENCY
1 – 800 / 782 – 7860 or 217 / 782 – 7860

Caller: ROGER HARNEY
Call back phone#: 217/523-5050 X 18
Caller represents: LINCOLN LAND OIL CO.
Type of incident: [ ] Fire [X] Leak or Spill
[ ] Explosion [ ] Water Involvement
[ ] Gas or Vapor cloud [ ] Other
Incident Location:
Street 2800 N. PEORIA RD
City SPFLD [ ] In [ ] Near
County SANGAMON
Milepost [ ] RR [ ] River [ ] Highway
Sec. Twp. Range
Area Involved: [ ] Highway [ ] Rail [X] Fixed Facility
[ ] Waterway [ ] Air [ ] Other
Material (s) Involved: UNLEADED GASOLINE

[ ] Gas [X] Liquid [ ] Semi-Solid [ ] Solid
[ ] Pesticide [ ] Radioactive
CAS #:
UN/NA #:
Is this a 302 (a) Extremely Hazardous Substance?
[ ] Yes [ ] No [ ] Unknown
Is this a RCRA Hazardous Waste?
[ ] Yes [ ] No [ ] Unknown
If Yes, is this a RCRA regulated facility?
[ ] Yes [ ] No

Container: [ ] Truck [ ] RR car [ ] Drum
[ ] Aboveground tank [ ] Pipeline
[ ] Underground tank [X] Other UNDERGROUND PIPE TO PUMP
container size: 2" LINE
Amount released: UNKNOWN
Rate of release: N/A / min.

10. Cause of release: HOLE IN PIPE
11. Estimated spill extent: N/A
[ ] square feet [ ] square yards
12. [ ] Occurred Date: / / Time:
[X] Discovered Date: 8 / 11 / 99 Time: 1000

14. On Scene Contact: MELVIN FORTNER
On Scene Phone#: 217/753-1827
15. No. injured: -0- [ ] Haz-mat related
Where taken:
16. Public health risks and/or precautions taken, including # evacuated:
NO
17. Assistance needed from State Agencies:
NO
18. Containment/cleanup actions and plans:
REMOVED BAD PIPE & REPLACING WITH NEW PIPE.
19: Weather: [ ] sunny [ ] overcast [ ] night
[ ] ptly. cldy. [ ] rain [ ] snow
Temp. F wind dir. speed mph.
20: Responsible Party: Q&E PROPERTY
Contact person: GRADY CHRONISTER
Phone # #14
Mailing address: #5 ZIP CODE 62702

Notifications: IEPA, OSFM, REG 6

13. Emergency units contacted NONE

	On scene
[ ] Fire	[ ] Fire
[ ] Sheriff	[ ] Sheriff
[ ] Police	[ ] Police
[ ] ESDA	[ ] ESDA
[ ] Other	[ ] Other

SCREEN MED

CW³M Company
Environmental Consulting Services

701 W. South Grand Avenue
Springfield, IL 62704

Phone: (217) 522-8001
Fax: (217) 522-8009

1671205520 – Sangamon County
Qik-n-Ez
Incident # 961540 & 991895
Leaking UST Technical File

November 5, 2019

Steve Putrich, Project Manager
LUST Section, Bureau of Land
Illinois Environmental Protection Agency
1021 North Grand Avenue East
Springfield, Illinois 62794-9276

RE: **LPC #1671205520—Sangamon County**
Qik-N-EZ / Springfield
2800 North Peoria Road
Incident Numbers: 96-1540 & 99-1895

Dear Mr. Putrich:

On behalf of Chronister Oil Company, we are submitting an election to proceed as owner for both Incident Numbers 96-1540 and 99-1895 for the above-mentioned site. Furthermore, we are in the process of sorting through details regarding the chain of ownership for the property as it pertains to Incident Number 94-2157 under Bruce Franklin. Once these details are sorted out, we will reach back out to you in regards to filing an election to proceed for that incident as well.

If you have any questions or concerns, please contact Mr. Matthew Saladino or me at (217) 522-8001.

Sincerely,

Carol L. Rowe, P.G.
Senior Environmental Geologist

xc: Mrs. Amy (Chronister) Ridley, *Chronister Oil Company*
Mr. William T. Sinnott, *CW³M Company, Inc.*

RECEIVED
NOV 05 2019
IEPA/BOL

Illinois Environmental Prote

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois

1671205520 – Sangamon County
Qik-n-Ez
Incident # 961540 & 991895
Leaking UST Technical File

The Agency is authorized to require this information under Section 4 and Title XVI of the Environmental Protection Act (415 ILCS 5/4, 5/57 - 57.19). Failure to disclose this information may result in a civil penalty of not to exceed $50,000.00 for the violation and an additional civil penalty of not to exceed $10,000.00 for each day during which the violation continues (415 ILCS 5/42). Any person who knowingly makes a false, fictitious, or fraudulent material statement or representation, orally or in writing, to the Agency, or to a unit of local government to which the Agency has delegated authority under subsection (r) of Section 4 of this Act, related to or required by this Act, a regulation adopted under this Act, any federal law or regulation for which the Agency has responsibility, or any permit, term, or condition thereof, commits a Class 4 felony, and each such statement or writing shall be considered a separate Class 4 felony. A person who, after being convicted under paragraph 415 ILCS 5/44 (h)(8), violates paragraph 415 ILCS 5/44 (h)(8) a second or subsequent time, commits a Class 3 felony. (415 ILCS 5/44). This form has been approved by the Forms Management Center.

Leaking Underground Storage Tank Program
Election to Proceed as "Owner"

For additional information, see the new fact sheet.

A. Site Identification

IEMA Incident # (6- or 8-digit): 961540 IEPA LPC # (10-digit): 1671205520

Site Name: Qik-N-EZ

Site Address (Not a P.O. Box): 2800 North Peoria Road

City: Springfield County: Sangamon Zip Code: 62702

Leaking UST Technical File

B. Election

Pursuant to Section 57.2 of the Environmental Protection Act [415 ILCS 5/57.2], I hereby elect to proceed as an "owner" under Title XVI of the Environmental Protection Act. I certify that I have acquired an ownership interest in the above-named site (documentation attached), that one or more underground storage tanks registered with the Office of the State Fire Marshal have been removed from the site, and that corrective action on the site has not yet resulted in the issuance of a "no further remediation letter" by the Illinois EPA pursuant to Title XVI of the Environmental Protection Act.

I understand that by making this election I become subject to all of the responsibilities and liabilities of an "owner" under Title XVI of the Environmental Protection Act and the Illinois Pollution Control Board's rules at 35 Ill. Adm. Code 734. I further understand that, once made, this election cannot be withdrawn.

C. Signature

Person electing to proceed as "owner":

Name: Chronister Oil Company
Contact: Amy (Chronister) Ridley
Address: 2026 North Republic Street
City: Springfield
State: Illinois
Zip Code: 62702
Phone: 217-306-3451
Signature:
Date: 11-1-19

RECEIVED
NOV 05 2019
IEPA/BOL

Illinois Environmental Pro
1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illin

1671205520 – Sangamon County
Qik-n-Ez
Incident # 961540 & 991895
Leaking UST Technical File

The Agency is authorized to require this information under Section 4 and Title XVI of the Environmental Protection Act (415 ILCS 5/4, [illegible]). Failure to disclose this information may result in a civil penalty of not to exceed $50,000.00 for the violation and an additional civil penalty of not to exceed $10,000.00 for each day during which the violation continues (415 ILCS 5/42). Any person who knowingly makes a false, fictitious, or fraudulent material statement or representation, orally or in writing, to the Agency, or to a unit of local government to which the Agency has delegated authority under subsection (r) of Section 4 of this Act, related to or required by this Act, a regulation adopted under this Act, any federal law or regulation for which the Agency has responsibility, or any permit, term, or condition thereof, commits a Class 4 felony, and each such statement or writing shall be considered a separate Class 4 felony. A person who, after being convicted under paragraph 415 ILCS 5/44 (h)(8), violates paragraph 415 ILCS 5/44 (h)(8) a second or subsequent time, commits a Class 3 felony. (415 ILCS 5/44). This form has been approved by the Forms Management Center.

Leaking Underground Storage Tank Program
Election to Proceed as "Owner"

For additional information, see the new fact sheet.

A. Site Identification

IEMA Incident # (6- or 8-digit): 991895 IEPA LPC # (10-digit): 1671205520

Site Name: Qik-N-EZ

Site Address (Not a P.O. Box): 2800 North Peoria Road

City: Springfield County: Sangamon Zip Code: 62702

Leaking UST Technical File

B. Election

Pursuant to Section 57.2 of the Environmental Protection Act [415 ILCS 5/57.2], I hereby elect to proceed as an "owner" under Title XVI of the Environmental Protection Act. I certify that I have acquired an ownership interest in the above-named site (documentation attached), that one or more underground storage tanks registered with the Office of the State Fire Marshal have been removed from the site, and that corrective action on the site has not yet resulted in the issuance of a "no further remediation letter" by the Illinois EPA pursuant to Title XVI of the Environmental Protection Act.

I understand that by making this election I become subject to all of the responsibilities and liabilities of an "owner" under Title XVI of the Environmental Protection Act and the Illinois Pollution Control Board's rules at 35 Ill. Adm. Code 734. I further understand that, once made, this election cannot be withdrawn.

C. Signature

Person electing to proceed as "owner":

Name: Chronister Oil Company
Contact: Amy (Chronister) Ridley
Address: 2026 North Republic Street
City: Springfield
State: Illinois
Zip Code: 62702
Phone: 217-306-3451
Signature:
Date: 11-1-19

RECEIVED
NOV 05 2019
IEPA/BOL

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397
JB PRITZKER, GOVERNOR JOHN J. KIM, DIRECTOR

(217) 524-3300

CERTIFIED MAIL
7017 2680 0001 0209 2944

NOV 26 2019

IEPA - DIVISION OF RECORDS MANAGEMENT
RELEASABLE
DEC 26 2019
REVIEWER KAJ

Chronister Oil Company
Attn: Amy Ridley
2026 North Republic Street
Springfield, IL 62702

Re: 1671205520 -- Sangamon County
Springfield/Qik-N-EZ
2800 North Peoria Road
Leaking UST Incidents 961540 & 991895
Leaking UST Technical File

Dear Ms. Ridley:

On November 5, 2019, the Illinois Environmental Protection Agency (Illinois EPA) received the Election to Proceed as "Owner" forms (electing to proceed under Title XVI of the Act as amended by Public Act 94-0274) dated November 1, 2019 for the above-referenced incidents. Citations in this letter are from the Environmental Protection Act (415 ILCS 5) (Act) and Title 35 of the Illinois Administrative Code (35 Ill. Adm. Code).

By signing the forms, you certified that you have acquired an ownership interest in the above-referenced site, one or more underground storage tanks registered with the Office of the State Fire Marshal have been removed from the site, and corrective action on the site has not yet resulted in the issuance of a "no further remediation letter" by the Illinois EPA pursuant to Title XVI of the Act. Based upon this certification, your Election to Proceed as "Owner" is accepted (Section 57.13 of the Act and 35 Ill. Adm. Code 734.105).

As the new owner, you may be eligible to access the Underground Storage Tank Fund for payment of costs related to remediation of the release. For information regarding eligibility and the deductible amount to be paid, please contact the Office of the State Fire Marshal at 217/785-1020.

Please submit all correspondence in duplicate and include the Re: block shown at the beginning of this letter.

If you have any questions or need further assistance, please contact Steve Putrich at (217) 524-4827.

Sincerely,

Trent L. Benanti, P.E.
Unit Manager
Leaking Underground Storage Tank Program
Remedial Project Management Section
Bureau of Land

c: CWM Company
BOL File

Hazardous Materials Incident Report 1671205520 - Sangamon

Chronister Oil Co

Incident #:	**H-2020-1063**
Entered By:	**Thompson, Jeffrey (IEMA)** **on** **2020-12-09 16:05:00**
Data Input Status:	**Closed**
Leaking Underground Storage Tank (LUST):	**No**

Leaking UST Tech File

Caller:	Heather Hoffman		
Call Back #:	337-660-7749		
Caller Represents:	Chronister Oil Company		
Hazmat Incident Type:	Leak or spill		
INCIDENT LOCATION			
Incident Location:	2800 N Peoria rd.		
County:	Sangamon 62702	City:	Springfield
Primary IEMA Region:	6	Secondary IEMA Region:	Not Applicable
Full Address:	2800 Peoria rd., Springfield, IL		
Latitude:	39.839219	Longitude:	-89.634096
Milepost:	N/A	Sec:	N/A
Twp.:	N/A	Range:	N/A
Area Involved:	Fixed Facility		
Media or medium into which the release occurred:	Ground		

WEATHER INFORMATION			
Temp (deg F):	Unknown	Wind Dir/Speed m.p.h:	Unknown

MATERIALS INVOLVED			
Material Name:	Gasoline, e-85, deisel	Material Type:	Liquid
CHRIS Code:	Unknown	CAS #:	Uknown
UN/NA #:	Uknown		
Is this a 302(a) Extremely Hazardous Substance?	No		
Is this a RCRA Hazardous Waste?	No		
Is this a RCRA regulated facility?	No		
Container Type:	Under ground storage tank	Container Size:	2x 10,000 1x 8,000 gallon
Amount Released:	unkown	Rate of Release/min:	Unknown
Duration of Release:	unknown		
Cause of Release:	unknown		
Estimated Spill Extent:	unknown	Spill Extent Units:	Cubic yards

IEPA-DIVISION OF RECORDS MANAGEMENT
RELEASABLE
DEC 22 2020
REVIEWER: EMI

Date/Time Occured:	(Date/Time Unknown)
Date/Time Discovered:	2020-12-09 03:00

Number Injured:	0	Where Taken:	
Number Killed:	0	# Evacuated:	
On Scene Contact:	CW3M	On Scene Phone #:	-217522-8001
Proper safety precautions to take as a result of the release, including evacuation: Clean up in compliance with EPA			
Assistance needed from State Agencies: None			
Containment/Cleanup actions and plans: Working with EPA to clean up the rest of contamination			

Responsible Party:	Chronister Oil Company
Contact Person:	Heather Hoffman
Callback Phone Number:	337-660-7749
Facility Manager:	Michael Willham
Facility Manager Phone #:	217-753-1827
Street Address:	2026 Norht republic
City:	Springfield State: IL Zip Code: 62702

Emergency Units Contacted	Contacted	On Scene	Agencies Contacted
ESDA			
Fire			
Police			
Sheriff			
Other			

AGENCIES OR PERSONS NOTIFIED			
Agency	**Date/Time**	**Name of Person**	**Notification Action**
IEPA, IDOT, OSFM, IDNR, LEPC, Region 6	2020-12-09 16:07	Emailed	Report Sent

Narrative:
Currently working with EPA on clean up other incident numbers EPA 942-157, 967-540, 991-895

Follow-Up Information:

Attachments:

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 · (217) 782-3397
JB PRITZKER, GOVERNOR JOHN J. KIM, DIRECTOR

(217) 524-3300

December 11, 2020

Chronister Oil Company
Attn: Heather Hoffman
20026 North Republic
Springfield, IL 62702

Re: 1671205520 -- Sangamon County
Springfield/Chronister Oil Company
2800 North Peoria Road
Leaking UST Incident 20201063
Leaking UST Technical File

Dear UST Owner or Operator:

The Illinois Environmental Protection Agency (Illinois EPA) received notification from the Illinois Emergency Management Agency that a release from an underground storage tank system(s) has occurred at the above-referenced site. As a result of this release, the owner or operator of the underground storage tank(s) is required to comply with the Leaking Underground Storage Tank (Leaking UST) Program requirements, including the submittal of applicable documentation on forms prescribed and provided by the Illinois EPA.

To obtain copies of the forms, as well as additional information regarding the Illinois EPA's Leaking UST Program, please visit our Web page at https://www2.illinois.gov/epa/topics/cleanup-programs/lust/Pages/default.aspx.

1. The direct link to the technical forms page is https://www2.illinois.gov/epa/topics/cleanup-programs/lust/technical-forms/Pages/default.aspx.
2. If you intend to seek reimbursement from the Illinois Underground Storage Tank Fund for costs incurred, the direct link to the budget and reimbursement forms page is: https://www2.illinois.gov/epa/topics/cleanup-programs/lust/budget-and-billing-forms/Pages/default.aspx.

If you do not have access to the Internet and/or have questions about the Leaking UST Program requirements, please contact the Leaking UST project manager on call at (217) 524-3300.

Sincerely,

Md. Zillur Rahman

Mohammed Z. Rahman, Manager
Leaking Underground Storage Tank Section
Bureau of Land

IEPA-DIVISION OF RECORDS MANAGEMENT
RELEASABLE
DEC 22 2020
REVIEWER: EMI

c: BOL File

2125 S. First Street, Champaign, IL 61820 (217) 278-5800
2009 Mall Street Collinsville, IL 62234 (618) 346-5120
9511 Harrison Street, Des Plaines, IL 60016 (847) 294-4000
595 S. State Street, Elgin, IL 60123 (847) 608-3131
2309 W. Main Street, Suite 116, Marion, IL 62959 (618) 993-7200
412 SW Washington Street, Suite D, Peoria, IL 61602 (309) 671-3022
4302 N. Main Street, Rockford, IL 61103 (815) 987-7760

CW³M Company
Environmental Consulting Services

701 W. South Grand Avenue
Springfield, IL 62704

Phone: (217) 522-8001
Fax: (217) 522-8009

1671205520 – Sangamon County
Chronister Oil Company
Incident # 20201063
Leaking UST Technical File

January 20, 2021

Mr. Steve Putrich, Project Manager
LUST Section, Bureau of Land
Illinois Environmental Protection Agency
1021 North Grand Avenue East
Springfield, Illinois 62794-9276

Certified Mail 70190700000111215232

RE: **LPC #1671205520—Sangamon County**
Springfield / Qik-n-EZ Peoria Road
2800 North Peoria Road
Incident Number: 2020-1063
LUST Technical Reports—45-Day Report

Dear Mr. Dunn:

Enclosed, please find the 45-Day Report for the above referenced site for Incident Number 2020-1063. When this 45-Day Report is approved, CW³M will proceed with corrective action for all incidents at the facility.

If you have any questions or require additional information, please contact Mr. Matt Saladino or me at (217) 522-8001.

Sincerely,

Carol L. Rowe, P.G.
Senior Environmental Geologist

Enclosure

xc: Mrs. Amy Ridley, *Qik-n-EZ Properties, LLC*
Mr. William T. Sinnott, *CW³M Company, Inc.*

45-DAY REPORT

Qik-n-EZ / Peoria Rd.

Springfield, Illinois
LPC #1671205520 — Sangamon County
Incident Number 2020-1063

Presented to:
Illinois Environmental Protection Agency
Leaking Underground Storage Tank Section, Bureau of Land
1021 North Grand Avenue East
Springfield, Illinois

Prepared by:
CW³M COMPANY, INC.

701 West South Grand Avenue
Springfield, Illinois
(217) 522-8001

400 West Jackson, Suite C
Marion, Illinois
(618) 997-2238

January 2021

CONTENTS

APPENDICES

TABLES

ACRONYMS AND ABBREVIATIONS

BETX	Benzene, ethyl-benzene, toluene, and total xylenes
CUOs	Clean-up Objectives
CWS	Community Water Supply
CW^3M	CW^3M Company, Inc.
HAZWOPER	Hazardous Waste Operations and Emergency Response
IEMA	Illinois Emergency Management Agency
IEPA	Illinois Environmental Protection Agency
Ill. Adm. Code	Illinois Administrative Code
ISGS	Illinois State Geological Survey
ISWS	Illinois State Water Survey
JULIE	Joint Utility Locating Information for Excavators
LEL	Lower Explosive Limit
MTBE	Methyl tert-butyl ether
OSFM	Office of the State Fire Marshal
OSHA	Occupational Safety and Health Administration
PNA	Polynuclear Aromatic Hydrocarbon
SWAP	Source Water Assessment Program
USTs	Underground Storage Tanks

1. INTRODUCTION

Ms. Heather Hoffman of Qik-n-EZ / Peoria Rd., the owner of the underground storage tanks (USTs) at its Springfield, Illinois facility reported a release to the Illinois Emergency Management Agency (IEMA). Incident Number 2020-1063 was assigned to the notification on December 19, 2020. Qik-n-EZ / Peoria Rd. then requested CW³M Company, Inc. (CW³M) to proceed with the reporting and early action requirements in accordance with 35 Illinois Administrative Code (Ill. Adm. Code) § 734. This 45-Day Report is being prepared in response to incident number 2020-1063

The 20-Day Certification was submitted to the Illinois Environmental Protection Agency (IEPA) on January 19, 2020 (CW³M, 2021). This 45-Day Report has been prepared in accordance with the requirements of 35 Ill. Adm. Code § 734. The 45-Day Report Form is included in this document as Appendix A.

The preliminary geological investigation presented in this document was performed under the direction of an Illinois Licensed Professional Geologist and was completed in accordance with the Professional Geologist Licensing Act and its Rules for Administration.

2. SITE LOCATION

The site, known as Qik-n-EZ Peoria Road, is located at 2800 Peoria Road, Springfield, Illinois. The site is located in the SW ¼ of the SW ¼ of the NW ¼ of Section 14, Township 16 North of the Centralia Baseline and Range 5 West of the Third Principal Meridian.

3. EARLY ACTION ACTIVITIES

During tank removal for incident number 96-1504 CW³M personnel witnessed evidence of a continued release, therefore, Office of the State Fire Marshal (OSFM) Specialist Blough required a new incident be called in. Incident Number 2020-1063 was assigned on December 9, 2020 in association with a release of petroleum products. Samples SA-1 and SA-2 were drilled on the west and east end of the abandoned UST per 35 Ill. Adm. Code § 734.210. However, due to the proximity of the building over the abandoned tank soil samples could not be collected on the north side of the tank. The excavation occurred on the south side of the tank. The excavation confirmed a release occurred at the facility. Facility mapping was done at this time. Qik-n-EZ / Peoria Rd. requested that CW³M proceed with reporting requirements and early action activities necessary for compliance with 35 Ill. Adm. Code § 734. During the site activities Project Manager Steve Putrich was contacted regarding the on-going corrective work in light of the new incident. Mr. Putrich explained in detail what and where to sample for early action and what will be done in corrective action.

3.1 TANK REMOVAL ACTIVITIES

A permit for the removal of two USTs and the permit for the abandonment of one UST was approved by the OSFM for incident 96-1504 on November 23, 2020 (OSFM, 2020). Tank removal was conducted by Perry Environmental with CW³M oversight. Early action activities were conducted and coordinated by Perry Environmental personnel from December 7, 2020 through December 14, 2020. OSFM Tank Specialist Mark Blough was on site to oversee the UST removal.

Tank 1 was not able to be removed due to its location. The tank was situated under the south wall of the building and it is believed that the removal of the tank would damage the structural integrity of the building, therefore, the client decided to abandon tank 1. On December 7, 2020, Perry Environmental monitored tank 1 for potential explosive vapors. One large access hole was then cut into the top of the tank. Perry Environmental then accessed the tank and cleaned the inside thoroughly to the satisfaction of the OSFM. Only two samples could be collected. The backfill fell into the pit on the south side and the northside was under the building. The eastern and western walls were sampled. A minimal amount of an oil-water-sludge mixture was removed and disposed of by Perry Environmental. Once all cleaning was deemed complete by the OSFM Tank Specialist, the tank was filled with a sand.

Excavation to the top of the tanks 2 and 3 was conducted. The tanks were inspected to ensure that all liquids were removed, and the vapors in the tanks were removed using an educator. When the Lower Explosive Limit (LEL) was found to be at an acceptable level to the OSFM field representative, Perry Environmental, excavation along the sides and ends of the tank was conducted so that the tank could be removed. Upon verification that the LEL levels had not risen, the tank was removed from the tank pit and stabilized. LEL levels were again checked by Perry personnel and OSFM Tank Specialist Blough, and an educator was used to assure that the vapors stayed at a level acceptable to begin cutting and cleaning of the tank. When the LEL levels were below the acceptable level, cutting of the tank began while continuously monitoring the LEL level. The monitoring continued until the tank was opened and deemed to no longer pose a vapor threat. Once the tank was opened, the tank was cleaned to the satisfaction of OSFM Tank Specialist Blough. When Mr. Blough verified that cleaning was complete, the tank was removed from the site in accordance with OSFM regulations. This process was repeated for each of the two tanks removed from the facility. Evidence of contamination was found along the piping trenches in and around the USTs both from visual and odor and verified by sample results. Only fifteen feet of piping were removed as the client was inserting new tanks and would be connecting the new tanks to the existing pipes.

Tank 1: OSFM Tank Specialist Blough in conjunction with CW³M personnel and Perry Environmental personnel determined the release was a combination of tank leaks, overfills, and piping.

Tank 2: OSFM Tank Specialist Blough in conjunction with CW³M personnel and Perry Environmental personnel determined the release was a combination of tank leaks, overfills, and piping.

Tank 3: OSFM Tank Specialist Blough in conjunction with CW³M personnel and Perry Environmental personnel determined the release was a combination of tank leaks, overfills, and piping.

Table 3-1. Underground Storage Tank Summary

Tank Number	Tank Volume (gallons)	Tank Contents	Incident Number	Release Information	Current Status
1	10,000	Diesel	2020-1063	Tank Leak / Piping Leak / Overfills	Abandoned 12/8/2020
2	10,000	Gasoline	2020-1063	Tank Leak / Overfills / Piping	Removed 12/9/2020
3	8,000	E-85	2020-1063	Tank Leak / Overfills / Piping	Removed 12/9/2020
4	6,000	Diesel		Tank Leak / Overfills / Piping	Removed 8/8/1990

3.2 SOIL REMOVAL AND SAMPLING

Approximately, 1774.51 tons (1183.01 cubic yards) of contaminated backfill was removed from the former tank pit and taken to the Sangamon Valley Landfill in Springfield, Illinois from December 7, 2020 through December 18, 2020. Samples were taken directly beneath each UST immediately following the UST removal and prior to soil removal. These samples are designated SA-3A, SA-4A, SA-5A and SA-6A, the locations are shown on a Drawing in Appendix B, and the laboratory results are included in Appendix D. Samples were collected for every 20 feet of the excavation walls. Floor samples were obtained beneath the tanks following soil removal at depths of around 13-16 feet. All soil samples were collected and analyzed for benzene, ethyl-benzene, toluene, and total xylenes (BETX), methyl tert-butyl ether (MTBE), and polynuclear aromatic hydrocarbons (PNAs) contaminants as dictated by the UST contents as indicator parameters for Diesel and Gasoline. The tanks and fifteen feet of product piping were removed. The analytical results indicate that the most stringent Tier 1 Clean-up Objectives (CUOs) have been exceeded for various indicator contaminants. Analytical results from the USTs abandonment and removal and excavation sampling indicate that samples SA-1 and SA-2, SA-3A through SA 12-A, SA-3B through SA-6B, SA-17 and SA-18 show contamination exceeding the most stringent Tier 1 CUOs. The analytical results, and a location map can be found in Appendix D and Appendix B, respectively. A map of UST removal soil sample locations can be found in Appendix B. The initial excavation was conducted to remove the three tanks that were still in place at that time. That was followed by a secondary excavation to provide space for new tanks to be inserted. A map of UST excavation soil sample locations can be found in Appendix B.

3.3 GROUNDWATER

During the UST removal activities to a depth of 18 to 20 feet, groundwater was not present. However, based on the soil borings from prior investigations conducted of the site, groundwater has been found at a depth of about nine feet.

3.4 FREE PRODUCT

No free product has been observed during CW³M early action activities. The free product investigation will continue, as necessary, throughout the site investigation.

4. SITE CHARACTERIZATION

4.1 NATURE AND QUANTITY OF RELEASE

The quantity of the release is unknown; but has been attributed to a combination of the tanks leaking, overfilling, and piping. The analytical results from the UST removal, and the excavation sampling results confirmed a petroleum release has occurred in the area. Analytical results are provided in Appendix D.

4.2 SURROUNDING POPULATIONS

Springfield is an unincorporated community in Sangamon County. The population of Springfield, Illinois is 114,868 (City-Data.com, 2020). The site is surrounded by commercial, residential, and agricultural properties.

4.3 WATER QUALITY

According to the Illinois Pollution Control Board, three Class III Groundwater contributing areas exist; however, they are located in McHenry County, Monroe County, and St. Clair County. Therefore, CW³M will consider the groundwater at this site to be Class I unless demonstrated otherwise pursuant to 35 Ill. Adm. Code § 620.210.

4.4 WELL DATA

A survey of water supply wells for the purpose of identifying and locating all community water supply (CWS) wells within 2,500 feet of the UST systems and all potable water supply wells within 200 feet of the UST systems has been completed. The Illinois State Water Survey (ISWS), the Illinois State Geological Survey (ISGS) and the IEPA Division of Public Water Supplies were contacted via the Source Water Assessment Program (SWAP) online.

The ISGS, ISWS, and IEPA Division of Public Water Supplies were accessed online on December 15, 2020 (EPA.STATE.IL.US, 2020). The response indicated no ISGS wells are located within 2,500 feet of the site.

4.5 SUBSURFACE SOIL CONDITIONS AND REGIONAL GEOLOGY

4.5.1 Surficial Geology

According to the 1988 "Stack-unit map", the area consists of less than 6 meters (19.7 ft) of Peoria Loess and Roxana Silt, overlying less than 6 meters (19.7 ft) of Glasford formation, loamy and sandy diamictons (ISGS, 1988). The Peoria Loss and Roxana Silt and Glasford Formation classification are consistent with the "F" classification from the "Berg Circular" discussed below in Section 4.5.5. As site investigation activities progress, the collection of more samples will continually help contribute to a better understanding as to what geological conditions exist in the area.

4.5.2 Bedrock Geology

Under more than 20 feet of surficial deposits, lies Pennsylvania bedrock (ISGS, 1984). The eastern Illinois Pennsylvania rocks are largely composed of thin limestones, black shales, and sandstones (Mattoon Formation), often underlain by gray shales (Bond Formation) (ISGS, 1975).

4.5.3 Distribution of Aquifers

Sangamon County has thin, clay rich, glacial deposits. Sangamon County is a poor source for groundwater possibilities. Some of the water-yielding deposits for Sangamon County come from the Pennsylvanian bedrock composed of fractured shale with beds of permeable sandstone, creviced limestone, and coal which occur at depths of around 150 feet (ISGS, 1958). The SWAP online mapping tool depicts Sangamon County as having no major bedrock aquifers, but a sand and gravel aquifer is located approximately 2 miles to the north and east of the site.

4.5.4 Soil Conditions

The site consists of Elco Silty Clay Loam with 10 to 18 percent slopes, Rozetta Silt Loam with 2 to 5 percent slopes and Fayette Silt Loam with 5 to 10 percent slopes. There is no potential of flooding (NRCS.USDA.GOV, 2020).

4.5.5 Potential for Contamination of Shallow Aquifers

This section provides a description of the anticipated regional geology. Specific data on site soils will be developed if site evaluation is required for this site. The literature that may be reviewed to determine consistency with ISGS Circular 532, also known as the "Berg Circular," is identified in Section 7 of this document.

ISGS Circular Number 532, the Berg Circular, indicates that the site is located in an area classified as "F". The area "F" is representative of shale or relatively impermeable limestone within 20 feet of the surface possibly overlain by till or other fine-grained materials.

According to the geologic limitations listed within the Berg Circular 532 concerning "F" sequence, the potential for contaminating shallow aquifers is low because (1) there is only a slight chance that a major aquifer will occur near the surface, and (2) these bedrock materials provide the highest order of natural protection (ISGS, 1984).

4.5.6 Subsurface Sewer

Joint Utility Locating Information for Excavators (JULIE) was contacted prior to the early action activities, in order to locate all lines and sewers potentially buried at the Qik-n-EZ / Peoria Rd. site.

4.6 CLIMATOLOGICAL CONDITIONS

Sangamon County has typical central Illinois temperatures, with mild winters and hot summers. The average annual precipitation is 37.4 inches near Springfield, Illinois. The months of January and February are usually the driest months and spring and summer months of May and June being the wettest. The warmest month is July and the coolest month is January (Weatherbase.com, 2020).

4.7 LAND USE

The site is surrounded by commercial properties to the North, South and West, residential properties to the North, and agricultural properties to the east. The site is currently an active gas station. The building at the site is currently occupied. Due to its location, the likely future use of the property is for a commercial property. A pending site redevelopment is planned following its remediation.

5. SITE ASSESSMENT ACTIVITIES

5.1 INITIAL ABATEMENT MEASURES AND SITE CHECK

During the corrective action removal of the USTs for previous incident 96-1504 OSFM Specialist Blough decided it would be required for a new incident number to be called. The USTs were inspected to ensure all products had been removed. To prevent further release and migration, some contaminated backfill has been removed. The UST abandonment and UST removals were conducted under the supervision of OSFM Tank Specialist Blough.

5.2 FREE PRODUCT INVESTIGATION

No free product has been observed to date. The free product investigation will continue, as necessary, throughout site investigation and corrective action activities.

5.3 SAFETY PROCEDURES AND HAZARD MITIGATION

To ensure the health and safety of site workers and neighboring residents and properties during excavation and tank abandonment and removal activities, the on-site supervisor was an Occupational Safety and Health Administration (OSHA) Certified Excavation Competent Person. All site workers have completed the OSHA 40-Hour Hazardous Waste Operations and Emergency Response (HAZWOPER) Site Safety training and refreshers.

6. CONCLUSION AND RECOMMENDATIONS

Based on sampling and observations by representatives of CW³M Company, Inc., it was determined that a release had occurred from the USTs on the property. To avoid further migration of contamination and allow room from excavation for new tanks, removal of the contaminated backfill was deemed prudent. The abandonment and removal of the USTs was conducted on December 7, 2020 to December 14, 2020, under the supervision of the OSFM. Contaminated backfill material was removed to a licensed landfill from December 7, 2020 through December 18, 2020.

Soil analytical results from the early action excavation show that samples SA-1 and SA-2, SA-3A through SA 12-A, SA-3B through SA-6B, SA-17 and SA-18 exceed the most stringent Tier 1 Clean-up Objectives for several indicators contaminants.

Upon approval of the 45-Day Report, CW³M will proceed with the Corrective Action Plan being developed to address all of the contamination at the facility.

7. REFERENCES

CW³M, 2021. CW³M Company, Inc. *20-Day Certification.* Qik-n-EZ / Peoria Rd., Springfield, Illinois, January 19, 2021.

City-Data.com, 2020. Springfield, Illinois, www.city-data.com, accessed December 15, 2020.

EPA.STATE.IL.US, 2020. Source Water Assessment Program, *Water Well Survey Map http://illinois-epa.maps.arcgis.com*, accessed December 15, 2020.

ISGS, 1958. Lidia F Selkregg and John P. Kempton, *Groundwater Geology in Illinois,* Illinois State Geological Survey, Circular 248, 1958.

ISGS, 1975. H. B. William, et al., Handbook of Illinois Stratigraphy, Illinois State Geological Survey, Bulletin 95, 1975.

ISGS, 1984. R. Berg, *et al, Potential for Contamination of Shallow Aquifers in Illinois,* Illinois State Geological Survey, Circular 532, 1984.

ISGS, 1988. R. Berg, and J. Kempton, Illinois State Geological Survey Circular 542, *Stack-Unit Mapping of Geologic Materials in Illinois to a Depth of 15 Meters*, 1988.

NRCS.USDA.GOV, 2020. United States Department of Agriculture Web Survey, www.websoilsurvey.nrcs.usda.gov, *Soil Survey of Sangamon County, Illinois,* accessed December 15, 2020.

OSFM, 2020. Illinois Office of the State Fire Marshal, *Permit for Removal of Underground Storage Tanks(s),* Qik-n-EZ / Peoria Rd., Springfield, Illinois, November 23, 2020.

Weatherbase.com, 2020. Sangamon, Illinois, www.weatherbase.com, accessed December 15, 2020.

Illinois Environmental Protection Agency

Bureau of Land • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

The Agency is authorized to require this information under Section 4 and Title XVI of the Environmental Protection Act (415 ILCS 5/4, 5/57 - 57.19). Failure to disclose this information may result in a civil penalty of not to exceed $50,000.00 for the violation and an additional civil penalty of not to exceed $10,000.00 for each day during which the violation continues (415 ILCS 5/42). Any person who knowingly makes a false, fictitious, or fraudulent material statement or representation, orally or in writing, to the Agency, or to a unit of local government to which the Agency has delegated authority under subsection (r) of Section 4 of this Act, related to or required by this Act, a regulation adopted under this Act, any federal law or regulation for which the Agency has responsibility, or any permit, term, or condition thereof, commits a Class 4 felony, and each such statement or writing shall be considered a separate Class 4 felony. A person who, after being convicted under paragraph 415 ILCS 5/44 (h)(8), violates paragraph 415 ILCS 5/44 (h)(8) a second or subsequent time, commits a Class 3 felony. (415 ILCS 5/44). This form has been approved by the Forms Management Center.

Leaking Underground Storage Tank Program
45-Day Report

A. Site Identification

IEMA Incident #: 2020-1063 IEPA LPC# (10-digit): 1671205520

Site Name: Qik-N-EZ

Site Address (Not a P.O. Box): 2800 North Peoria Road

City: Springfield County: Sangamon Zip Code: 62702

B. Release Information

UST Volume (gallons)	Material Stored in UST	Release Yes / No	Type of Release Tank Leak / Overfill / Piping Leak	Product Removed? Yes / No	Tank Status Repaired / Removed / Abandoned / In Use
10,000	Diesel	Yes	Tank Leak	Yes	Abandoned
10,000	Gasoline	Yes	Tank Leak	Yes	Removed
8,000	E-85	Yes	Tank Leak	Yes	Removed

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C. Early Action

1. Does this report demonstrate that the most stringent Tier 1 remediation objectives have been met? ☐ Yes ☑ No

2. Was free product encountered? ☐ Yes ☑ No
   If **yes**, the owner or operator must submit a Free Product Removal Report (form LPC 504).
   If free product removal will be conducted for more than 45 days, a Free Product Removal Plan (and budget, if applicable) must be submitted (form LPC 504).

3. Have any fire or safety hazards posed by vapors or free product or contamination to a potable water supply been identified? ☐ Yes ☑ No

4. What was the volume of backfill material excavated? 1,183.01 Yards^3

5. What was the volume of native soil excavated? 0 Yards^3

6. Was groundwater encountered at the site? ☑ Yes ☐ No

7. Did the groundwater exhibit a sheen? ☐ Yes ☑ No

D. Site/Release Information

Provide the following:

1. Data on the nature and estimated quantity of release;
2. Data from available sources or site investigations concerning the following factors:
   a. Surrounding populations;
   b. Water quality;
   c. Use and approximate locations of wells potentially affected by the release;
   d. Subsurface soil conditions;
   e. Location of subsurface sewers;
   f. Climatological conditions; and
   g. Land use;
3. A discussion of what was done to measure for the presence of a release where contamination was most likely to be present at the UST site;
4. The results of the free product investigations;
5. A discussion of the action taken to prevent further release of the regulated substance into the environment;
6. A discussion of the action taken to monitor and mitigate fire and safety hazards posed by vapors or free product that has migrated from the UST excavation zone and entered subsurface structures; and
7. Any other information collected while performing initial abatement measures pursuant to 35 Ill. Adm. Code 731.162 or 734.210(b).

E. Other Information

Provide the following:

1. An area map showing the site in relation to surrounding properties;
2. A cross section, to scale, showing the UST(s) and the excavation;
3. Analytical/screening results in tabular format including the results of soil samples required pursuant to 35 Ill. Adm. Code 734.210(h) and the most stringent Tier 1 remediation objectives;
4. Site map meeting the requirements of 35 Ill. Adm. Code 734.440 and including sample locations;
5. Soil boring logs;
6. Chain of custody forms;
7. Laboratory analytical reports;
8. Laboratory certifications;
9. A copy of the Office of the State Fire Marshal Permit for Removal, Abandonment-in-Place, or other OSFM permits or notifications;

10. A narrative of tank removal and cleaning operations; describe how wastes generated during the tank removal were managed, treated, and disposed of;

11. Photographs of UST removal activities and the excavation; and

12. Copies of manifests for soil and groundwater transported off-site.

F. Early Action Tier 1 Remediation Objectives Compliance Report

If the most stringent Tier 1 remediation objectives of 35 Ill. Adm. Code 742 for the applicable indicator contaminants have been met and a groundwater investigation is not required, in addition to the information provided above, provide the following:

1. Site characterization;

2. If water was encountered in the excavation, provide a demonstration pursuant to 35 Ill. Adm. Code 734.210(h)(4)(C) that it is not representative of actual groundwater; and

3. Property Owner Summary (form LPC 568).

G. Signatures

UST Owner or Operator Signature:

All plans, budgets, and reports must be signed by the owner or operator and list the owner's or operator's full name, address, and telephone number.

UST Owner or Operator and Licensed Professional Engineer or Licensed Professional Geologist Certification of Stage 1 Site Investigation Plan and Budget (applies to Part 734 sites continuing beyond early action):

Pursuant to 35 Ill. Adm. Code 734.315(b) and 734.310(b), I certify that the Stage 1site investigation will be conducted in accordance with 35 Ill. Adm. Code 734.315 and that the costs of the Stage 1 site investigation will not exceed the amounts set forth in 35 Ill. Adm. Code 734.Subpart H, Appendix D, and Appendix E. This certification is intended to meet the requirements for a plan and budget for the Stage 1 site investigation required to be submitted pursuant to 35 Ill. Adm. Code 734.315 and 734.310.

Continue onto next page.

Licensed Professional Engineer or Licensed Professional Geologist Certification:

I certify under penalty of law that all activities that are the subject of this plan, budget, or report were conducted under my supervision or were conducted under the supervision of another Licensed Professional Engineer or Licensed Professional Geologist and reviewed by me; that this plan, budget, or report and all attachments were prepared under my supervision; that, to the best of my knowledge and belief, the work described in this plan, budget, or report has been completed in accordance with the Environmental Protection Act [415 ILCS 5], 35 Ill. Adm. Code 731, 732, or 734, and generally accepted standards and practices of my profession; and that the information presented is accurate and complete. I am aware there are significant penalties for submitting false statements or representations to the Illinois EPA, including but not limited to fines, imprisonment, or both as provided in Sections 44 of the Environmental Protection Act [415 ILCS 5/44].

UST Owner or Operator

Name Chronister Oil Company
Contact Amy Chronister Ridley
Address 2026 Republic
City Springfield
State Illinois
Zip Code 62702
Phone 217-306-3461
E-mail: amy@lincolnlandoil.com
Signature
Date 1/19/21

Consultant

Company CWM Company, Inc.
Contact Carol L. Rowe
Address 701 South Grand Avenue West
City Springfield
State Illinois
Zip Code 62704
Phone 217-522-8001
E-mail: cwm@cwmcompany.com
Signature
Date January 19th 2021

Licensed Professional Engineer or Geologist

Name Vince E Smith
Company CWM Company, Inc.
Address 701 South Grand Avenue West
City Springfield
State Illinois
Zip Code 62704
Phone 217-522-8001
Ill. Registration No. 062-046118
License Expiration Date 11/30/21
Signature
Date 1/19/21

L.P.E. or L.P.G. Seal

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INDEX OF DRAWINGS

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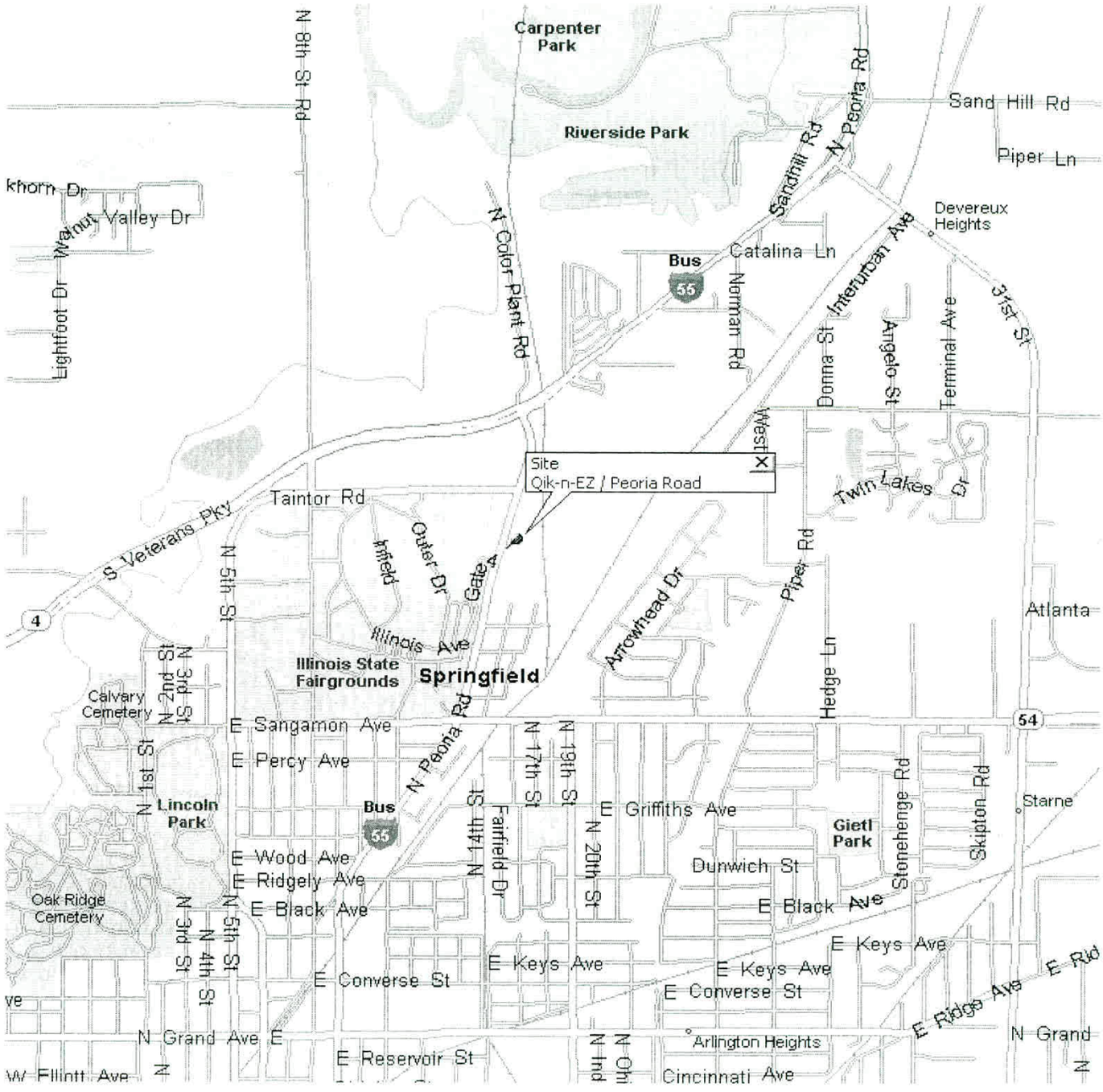
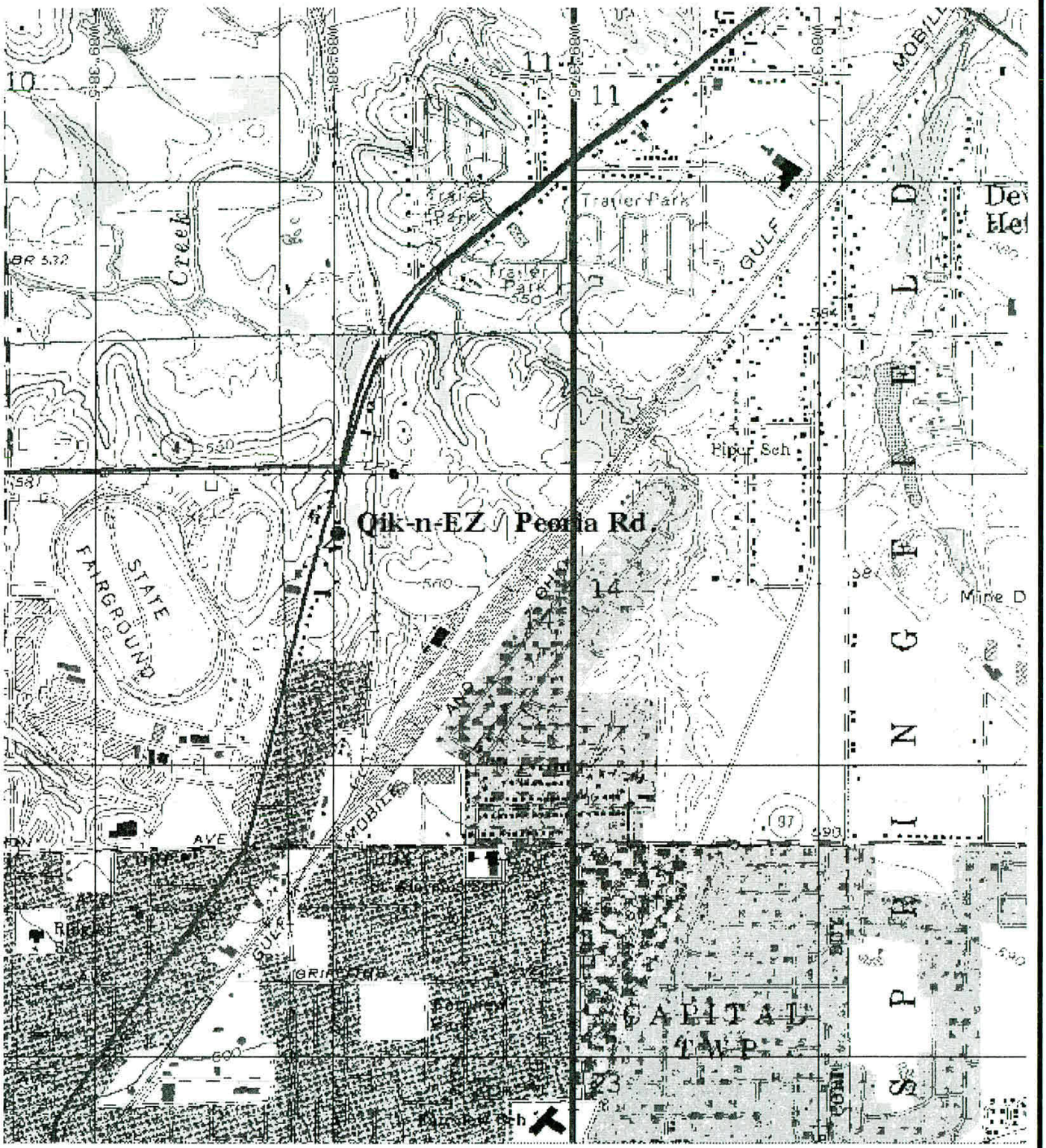
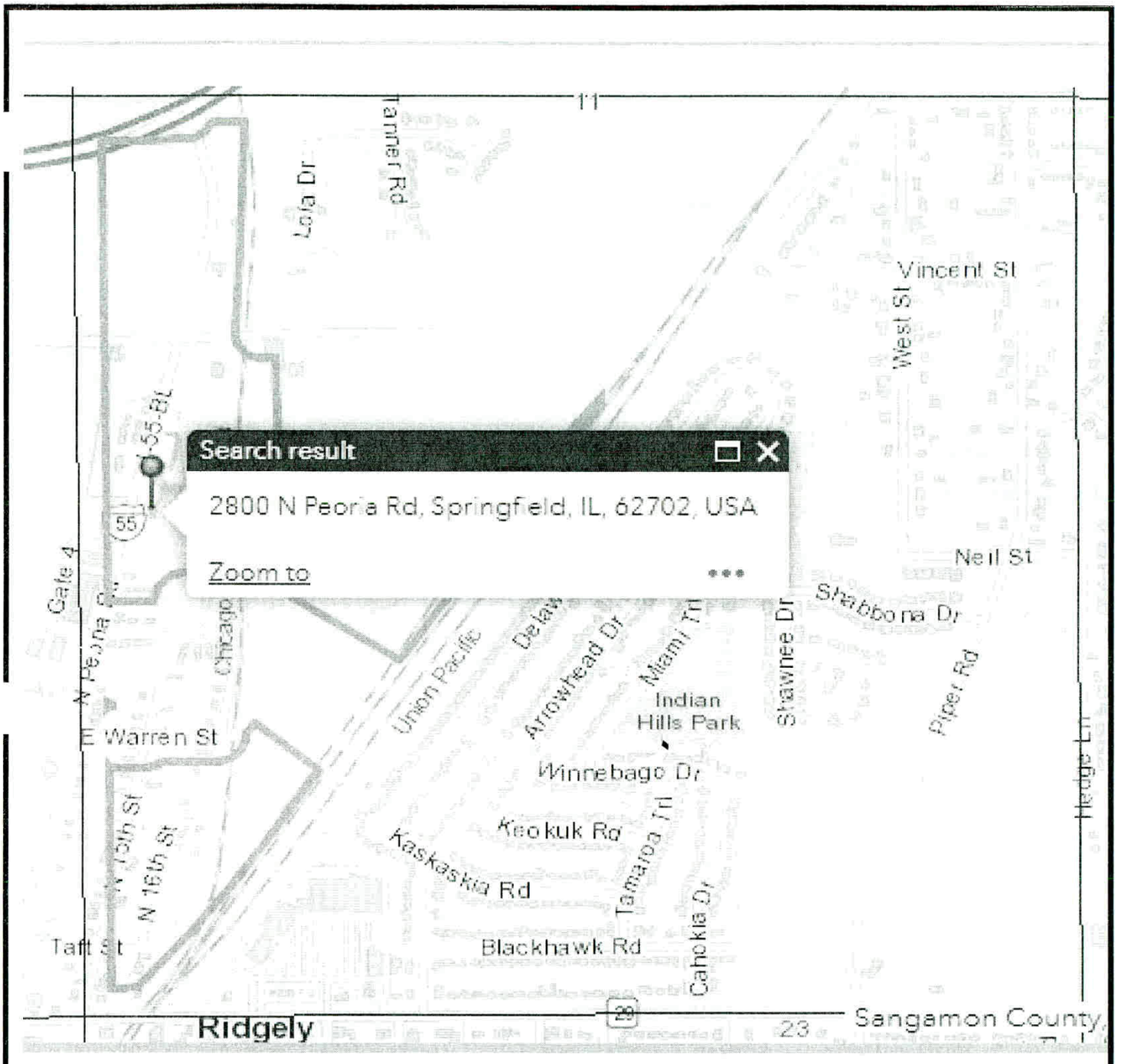
0006B	Secondary Excavation Sample Values Map	SAMP2VAL.dwg
0007A	Tank Cross Section (North View)	USTNORTH.dwg
0007B	Tank Cross Section (East View)	USTEAST.dwg



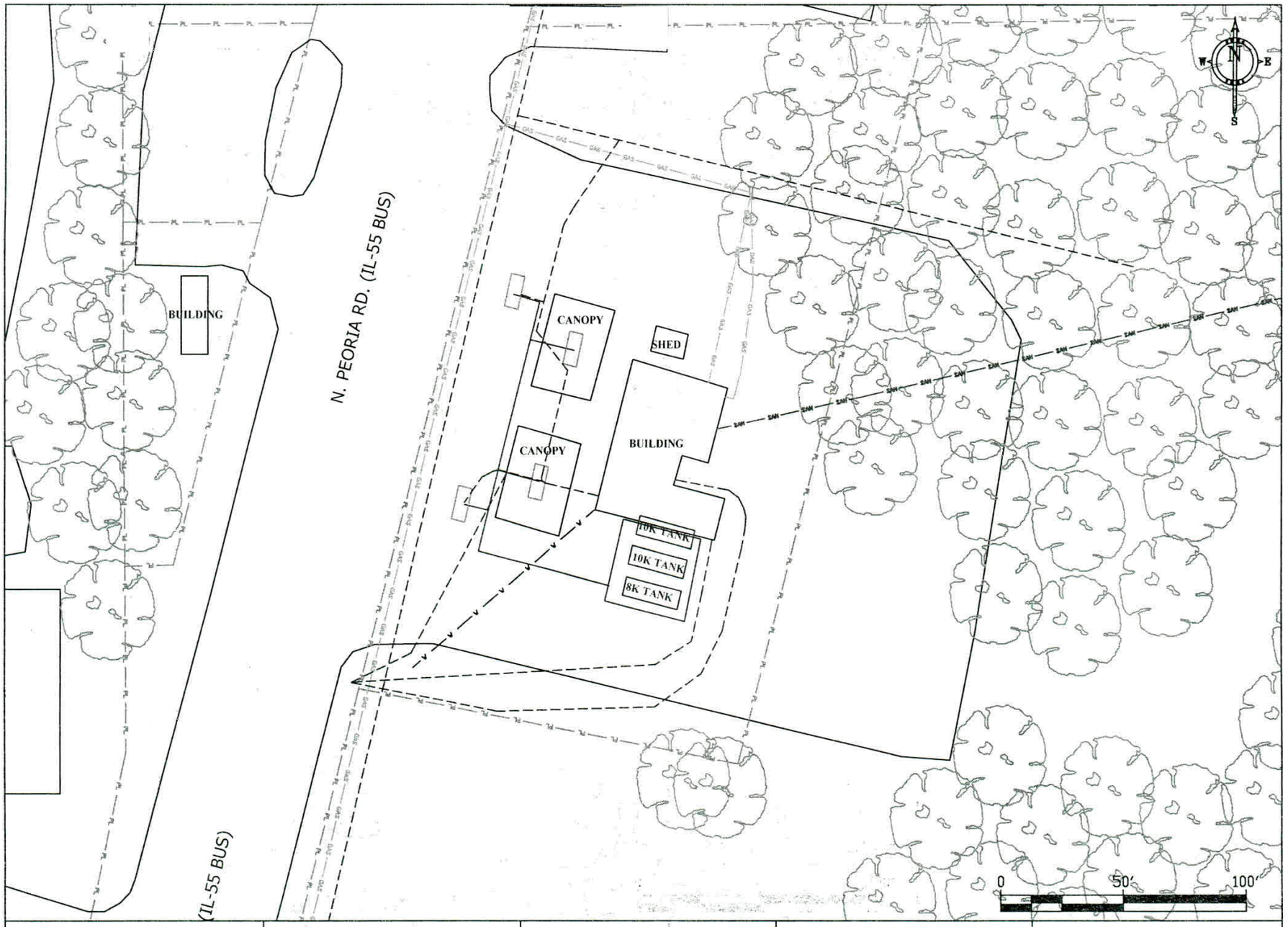
CW³M Company, Inc. 701 W. South Grand Ave. Springfield, IL 62704 (217) 522-8001	**Site Location Map** 2800 North Peoria Road Springfield, Illinois	Drawn By: MDR Reviewed By: CLR Drawing 0001 Sitemap.doc



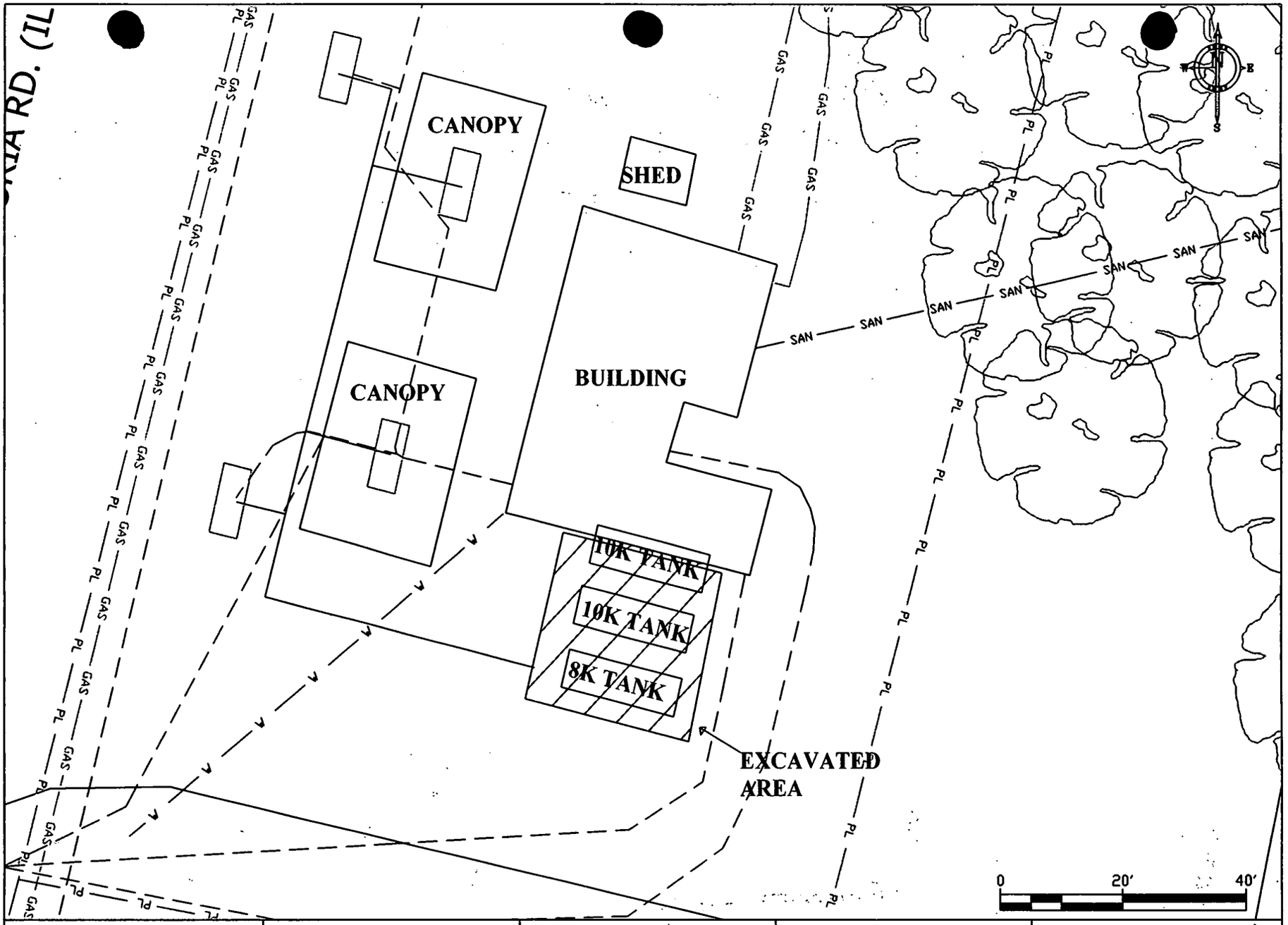
CW³M Company, Inc. 701 W. South Grand Ave. Springfield, IL 62704 (217) 522-8001	**Topographic Map** 2800 North Peoria Road Springfield, Illinois	Drawn By: MDR Reviewed By: CLR Drawing 0001A TopoMap.doc



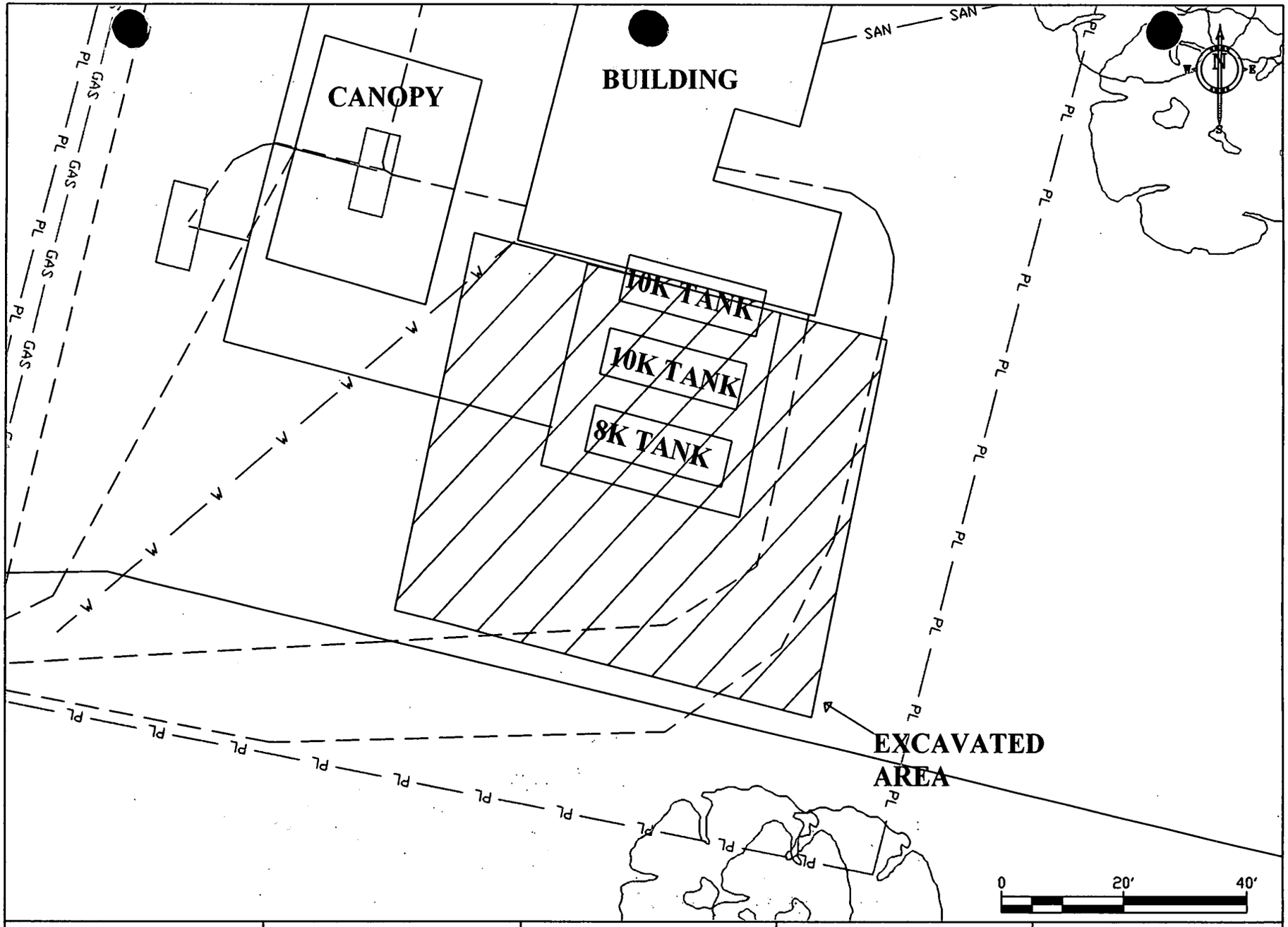
CW³M Company, Inc. 701 W. South Grand Ave. Springfield, IL 62704 (217) 522-8001	**Section Township Range Map** 2800 North Peoria Road Springfield, Illinois	Drawn By: DDF Reviewed By: CLR Drawing 0001B STRMap.doc



CW[M] COMPANY, INC. 701 W. SOUTH GRAND SPRINGFIELD, IL. 62704 (217) 522-8001	QIK N EZ PROPERTIES, LLC SPRINGFIELD, ILLINOIS INCIDENT #2020-1063 SANGAMON COUNTY	SITE MAP	DATE: 9/6/19 REVISED DATE:12/30/20 SCALE 1"=50' DRAWING: 0002	DRAWN BY: MJS REVISED BY:DDF REVIEWED BY: CLR SITE.DWG

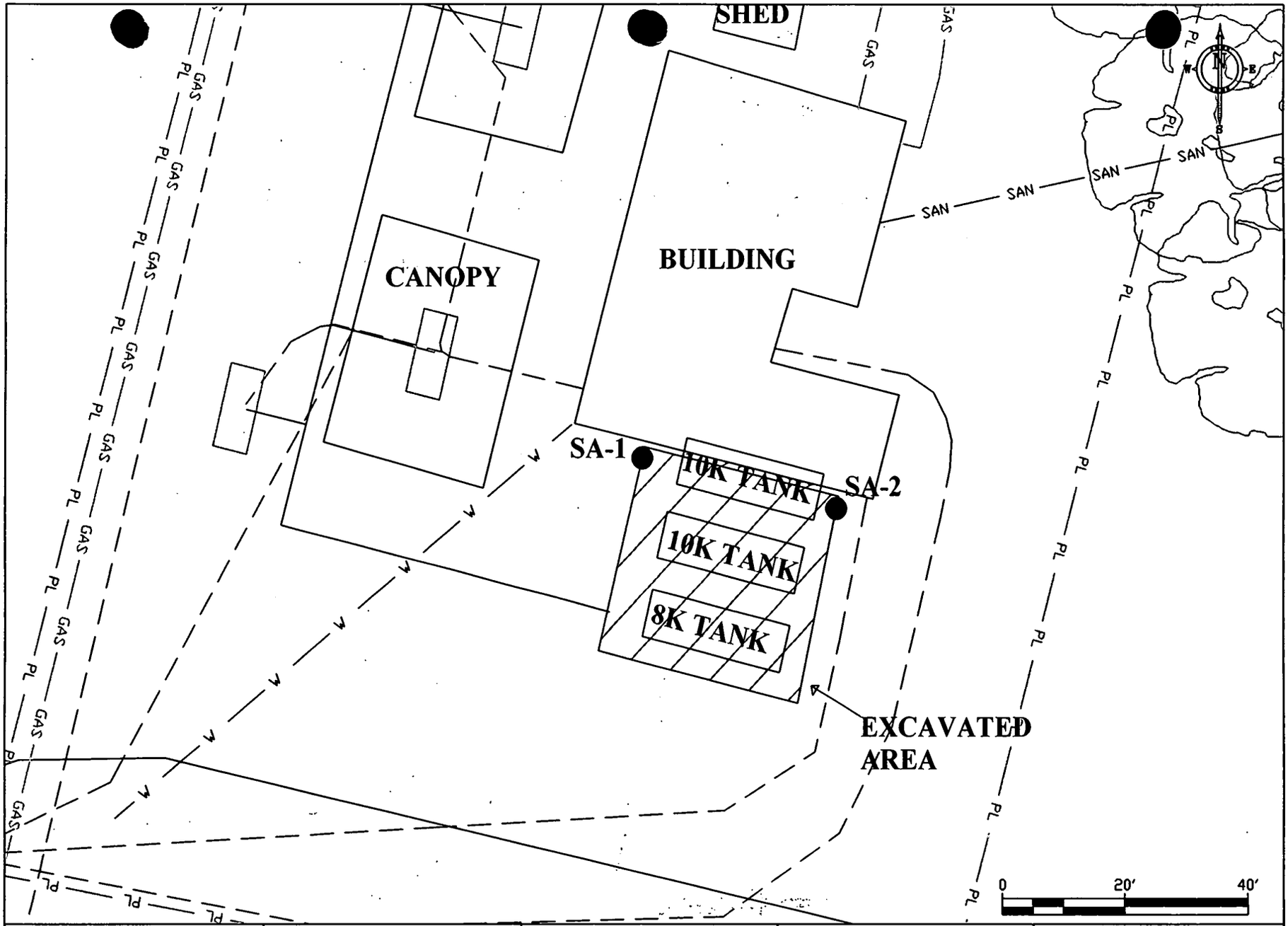


CWM COMPANY, INC. 701 W. SOUTH GRAND SPRINGFIELD, IL. 62704 (217) 522-8001	QIK N EZ PROPERTIES, LLC SPRINGFIELD, ILLINOIS INCIDENT #2020-1063 SANGAMON COUNTY	EARLY ACTION EXCAVATION AREA MAP	DATE: 9/6/19 REVISED DATE: 12/30/20 SCALE 1"=20' DRAWING: 0003A	DRAWN BY: MJS REVISED BY: DDF REVIEWED BY: CLR EAEXC.DWG

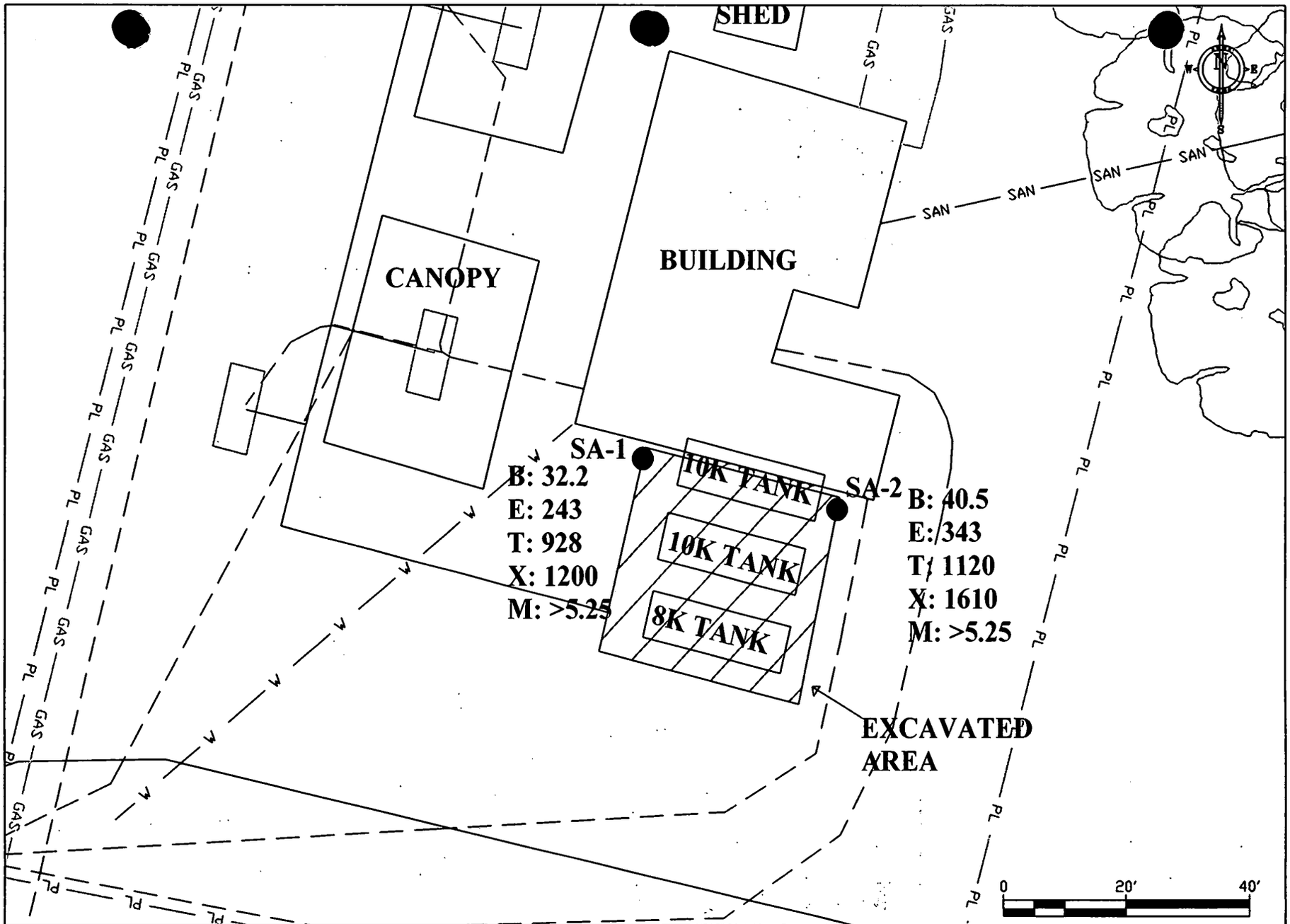


CW[R]M COMPANY, INC. 701 W. SOUTH GRAND SPRINGFIELD, IL. 62704 (217) 522-8001	QIK N EZ PROPERTIES, LLC SPRINGFIELD, ILLINOIS INCIDENT #2020-1063 SANGAMON COUNTY	SECONDARY EXCAVATION AREA MAP	DATE: 9/6/19 REVISED DATE: 12/30/20 SCALE 1"=20' DRAWING: 0003B	DRAWN BY: MJS REVISED BY: DDF REVIEWED BY: CLR EXC2.DWG

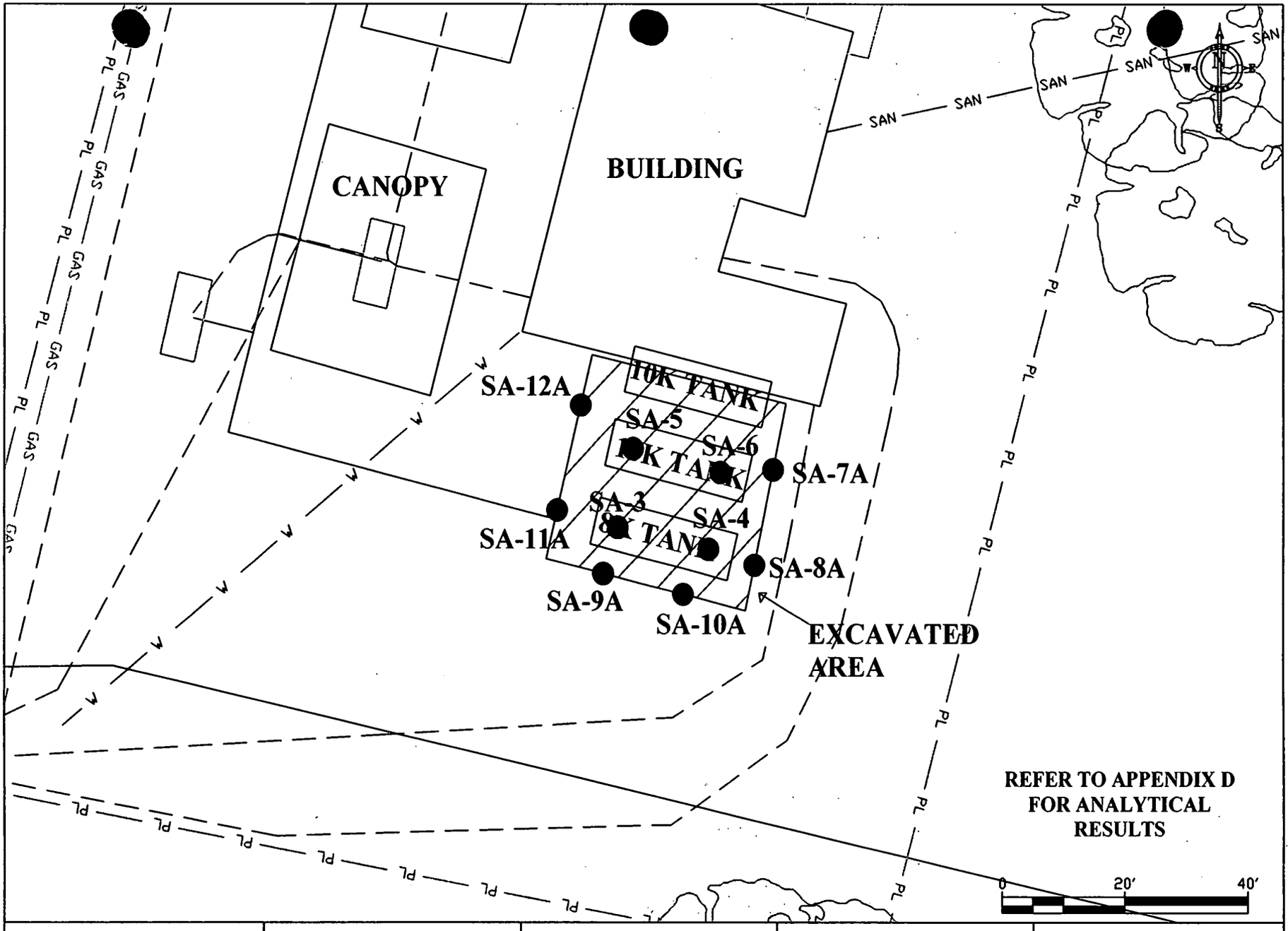
000036



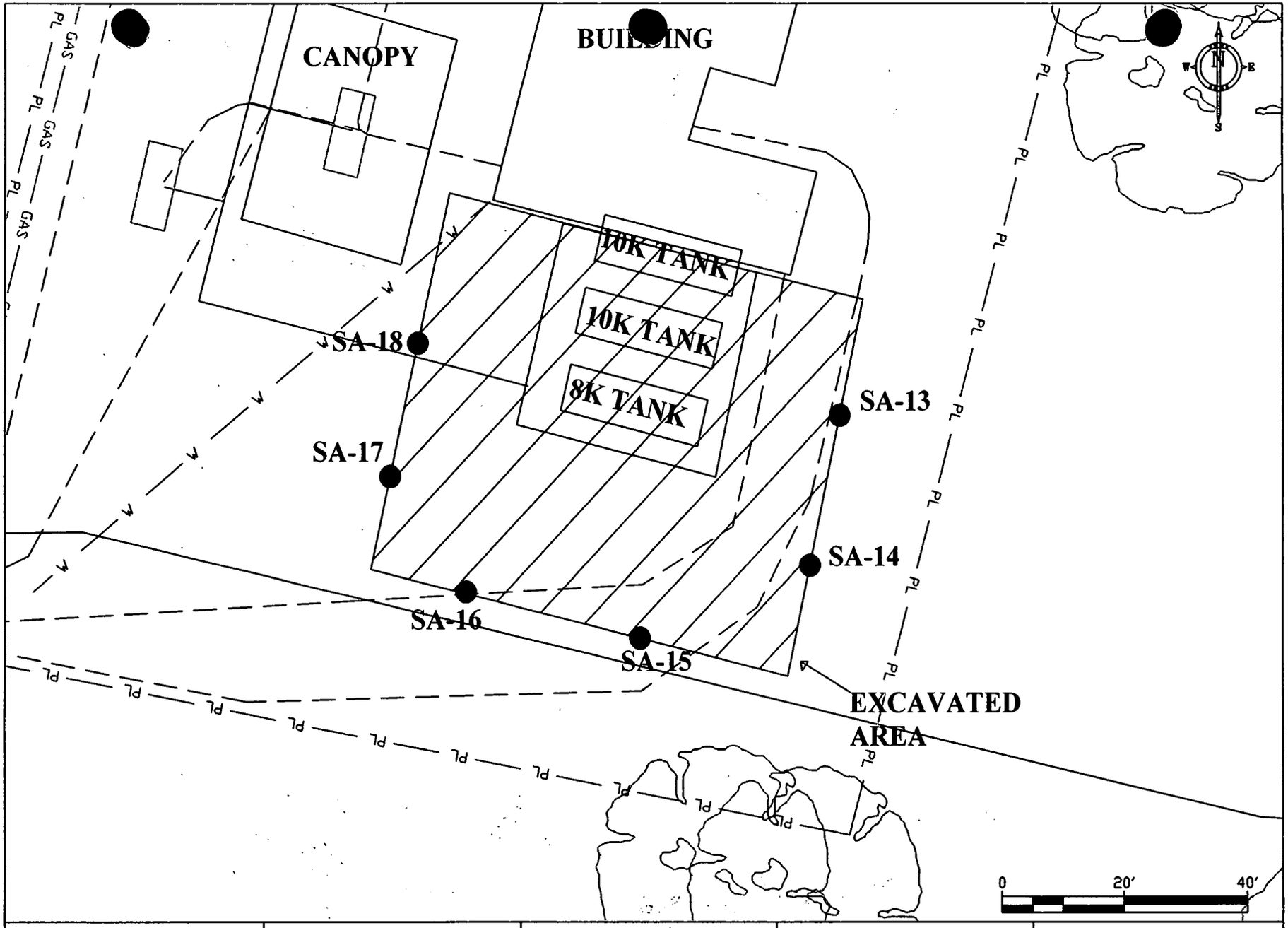
CWM COMPANY, INC. 701 W. SOUTH GRAND SPRINGFIELD, IL. 62704 (217) 522-8001	QIK N EZ PROPERTIES, LLC SPRINGFIELD, ILLINOIS INCIDENT #2020-1063 SANGAMON COUNTY	TANK ABANDONMENT SAMPLE LOCATION MAP	DATE: 9/6/19 REVISED DATE:12/30/20 SCALE 1"=20' DRAWING: 0004A	DRAWN BY: MJS REVISED BY: DDF REVIEWED BY: CLR TASAMP.DWG



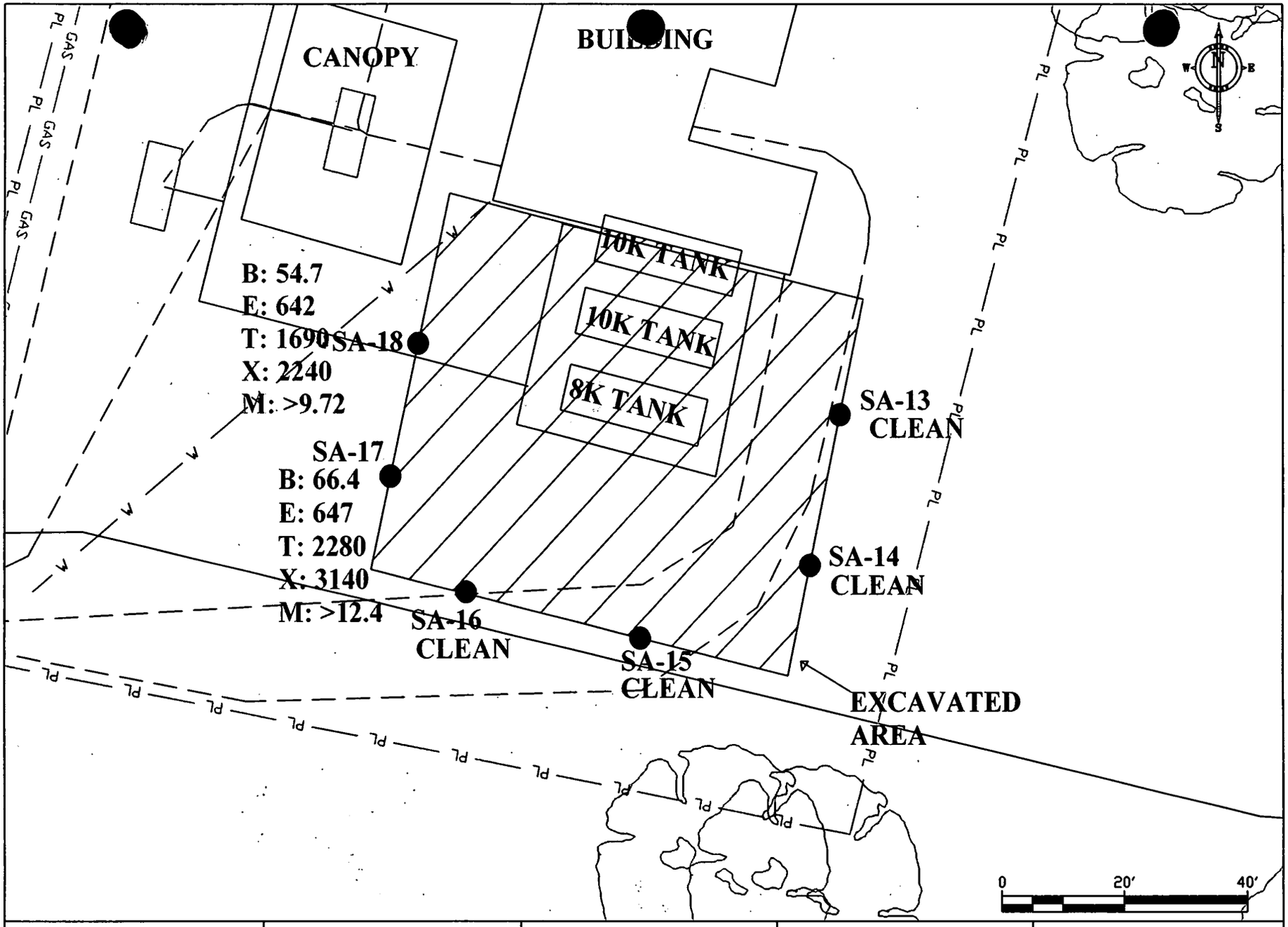
CW[illegible]M COMPANY, INC. 701 W. SOUTH GRAND SPRINGFIELD, IL. 62704 (217) 522-8001	QIK N EZ PROPERTIES, LLC SPRINGFIELD, ILLINOIS INCIDENT #2020-1063 SANGAMON COUNTY	TANK ABANDONMENT SAMPLE VALUES MAP	DATE: 9/6/19 REVISED DATE:12/30/20 SCALE 1"=20' DRAWING: 0004B	DRAWN BY: MJS REVISED BY: DDF REVIEWED BY: CLR TAVAL.DWG



CWM COMPANY, INC. 701 W. SOUTH GRAND SPRINGFIELD, IL. 62704 (217) 522-8001	QIK N EZ PROPERTIES, LLC SPRINGFIELD, ILLINOIS INCIDENT #2020-1063 SANGAMON COUNTY	EARLY ACTION SAMPLE LOCATIONS MAP	DATE: 9/6/19 REVISED DATE:12/30/20 SCALE 1"=20' DRAWING: 0005	DRAWN BY: MJS REVISED BY: DDF REVIEWED BY: CLR EALOC.DWG

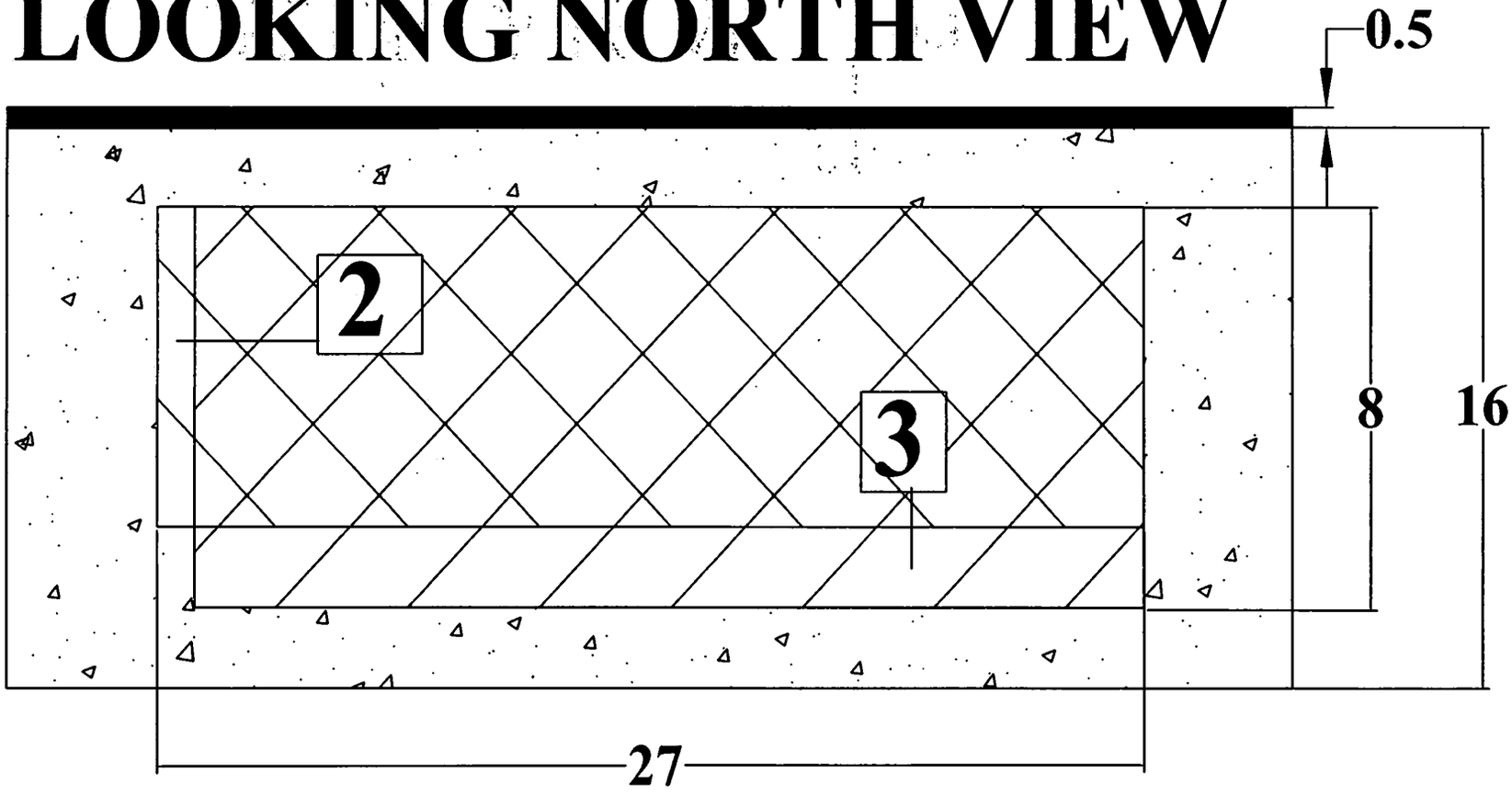


CWM COMPANY, INC. 701 W. SOUTH GRAND SPRINGFIELD, IL. 62704 (217) 522-8001	QIK N EZ PROPERTIES, LLC SPRINGFIELD, ILLINOIS INCIDENT #2020-1063 SANGAMON COUNTY	SECONDARY EXCAVATION SAMPLE LOCATIONS MAP	DATE: 9/6/19 REVISED DATE:12/30/20 SCALE 1"=20' DRAWING: 0006A	DRAWN BY: MJS REVISED BY: DDF REVIEWED BY: CLR SAMP2LOC.DWG



CWM COMPANY, INC. 701 W. SOUTH GRAND SPRINGFIELD, IL. 62704 (217) 522-8001	QIK N EZ PROPERTIES, LLC SPRINGFIELD, ILLINOIS INCIDENT #2020-1063 SANGAMON COUNTY	SECONDARY EXCAVATION SAMPLE VALUES MAP	DATE: 9/6/19 REVISED DATE:12/30/20 SCALE 1"=20' DRAWING: 0006B	DRAWN BY: MJS REVISED BY: DDF REVIEWED BY: CLR SAMP2VAL.DWG

LOOKING NORTH VIEW



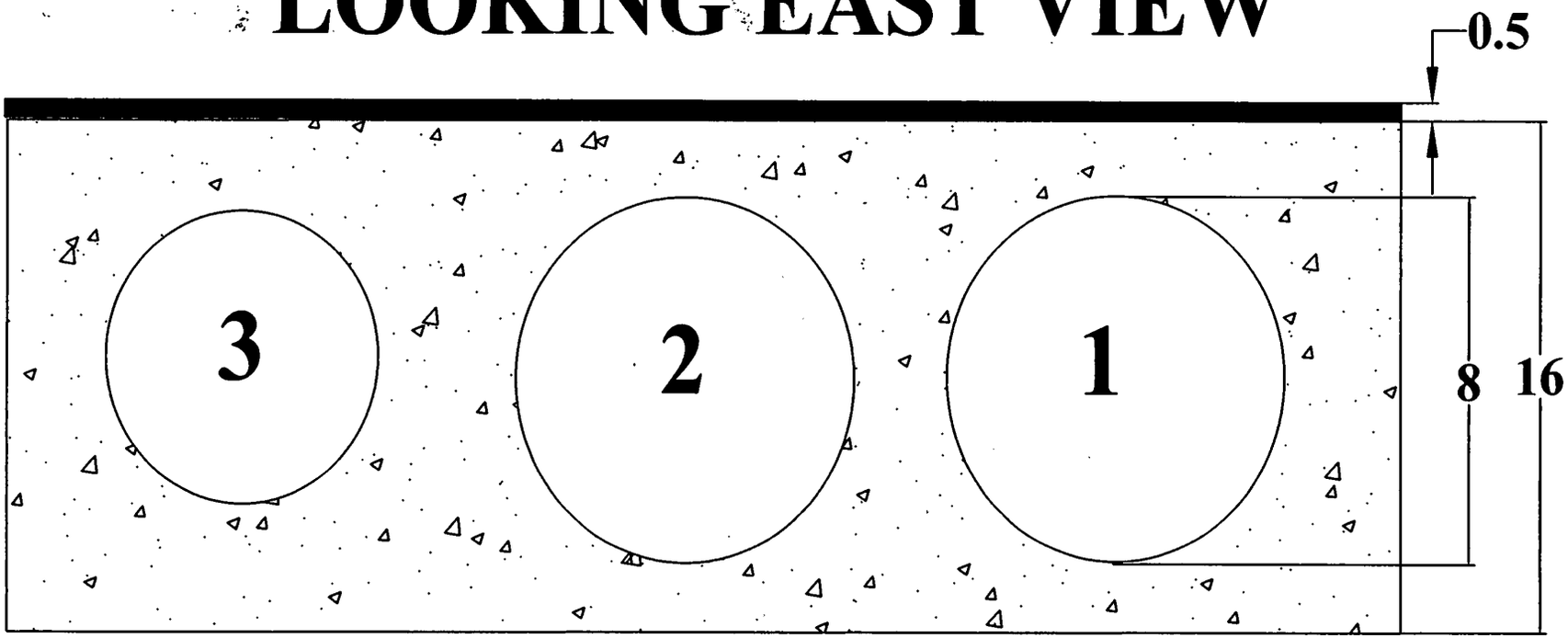
1 - 10,000 GAL GASOLINE
2 - 10,000 GAL E-15
3 - 8,000 GAL GASOLINE

ALL MEASUREMENTS IN FEET

CWM COMPANY, INC. 701 W. SOUTH GRAND SPRINGFIELD, IL. 62704 (217) 522-8001	QIK N EZ PROPERTIES, LLC SPRINGFIELD, ILLINOIS INCIDENT #2020-1063 SANGAMON COUNTY	TANK CROSS SECTION (NORTH VIEW)	DATE: 9/6/19 REVISED DATE:12/30/20 DRAWING: 0007A	DRAWN BY: MJS REVISED BY: DDF REVIEWED BY: CLR USTNORTH.DWG

000042

LOOKING EAST VIEW



1 - 10,000 GAL GASOLINE
2 - 10,000 GAL E-15
3 - 8,000 GAL GASOLINE

ALL MEASUREMENTS IN FEET

CW M COMPANY, INC. 701 W. SOUTH GRAND SPRINGFIELD, IL. 62704 (217) 522-8001	QIK N EZ PROPERTIES, LLC SPRINGFIELD, ILLINOIS INCIDENT #2020-1063 SANGAMON COUNTY	TANK CROSS SECTION (EAST VIEW)	DATE: 9/6/19 REVISED DATE:12/30/20 DRAWING: 0007B	DRAWN BY: MJS REVISED BY: DDF REVIEWED BY: CLR USTEAST.DWG

000043

Illinois Environmental Protection Agency

CW[M] COMPANY, INC.
DRILLING BOREHOLE LOG

ST INCIDENT #: 99-1895	**BOREHOLE NUMBER:** SA-1
SITE NAME: Qik n EZ - Peoria Road	**BORING LOCATION:** W Side of Diesel Tank
SITE ADDRESS: 2800 N Peoria Road Springfield, IL	**RIG TYPE:** Truck Mounted Geoprobe
DATE/TIME STARTED: 12/8/2020 2:50 PM	**DRILLING/SAMPLE METHOD:** Push
DATE/TIME FINISHED: 12/8/2020 3:05 PM	**BACKFILL:** Cuttings/Grout

DEPTH (FEET)	SOIL AND ROCK DESCRIPTION	USCS CLASS	Sample Recovery	PID (ppm)	Sample Type	SAMPLE NUMBER	REMARKS: (Odor, Color, Moisture, Penetrometer, etc.)
0	Gravel						
1				0.0			No Odor and Discoloration
2	Brown Silty Clay	CL					
3			90%	0.0			
4				0.0			
5							
6				0.0			
7			95%	0.0	Grab	SA-1	BETX, MTBE & PNA
8							
9	BMG Silty Clay	CL		0.0			Wet
10							
11	EOB-10'						
12							
13							
14							
15							

Stratification lines are approximate, in-situ transition between soil types may be gradual.

NOTES: Sampled @ 7' to simulate Wall Sample

Manway / Surface Elevation:

Groundwater Depth While Drilling:	~9'	**Auger Depth:**	10'	**Driller:**	AEDC
Groundwater Depth After Drilling:		**Rotary Depth:**		**Geologist:**	MJS/DDF

Illinois Environmental Protection Agency

CW[M] COMPANY, INC.
DRILLING BOREHOLE LOG

LUST INCIDENT #: 99-1895	**BOREHOLE NUMBER:** SA-2
SITE NAME: Qik n EZ - Peoria Road	**BORING LOCATION:** E Side of Diesel Tank
SITE ADDRESS: 2800 N Peoria Road Springfield, IL	**RIG TYPE:** Truck Mounted Geoprobe
DATE/TIME STARTED: 12/8/2020 3:05 PM	**DRILLING/SAMPLE METHOD:** Push
DATE/TIME FINISHED: 12/8/2020 3:20 PM	**BACKFILL:** Cuttings/Grout

DEPTH (FEET)	SOIL AND ROCK DESCRIPTION	USCS CLASS	Sample Recovery	PID (ppm)	Sample Type	SAMPLE NUMBER	REMARKS: (Odor, Color, Moisture, Penetrometer, etc.)
0	Gravel						
1				0.0			No Odor and Discoloration
2	Brown Silty Clay	CL					
3			90%	0.0			
4				0.0			
5							
6				0.0			
7			95%	0.0	Grab	SA-2	BETX, MTBE & PNA
8							
9	BMG Silty Clay	CL		0.0			Wet
10							
11	EOB-10'						
12							
13							
14							
15							

Stratification lines are approximate, in-situ transition between soil types may be gradual.

NOTES: Sampled @ 7' to simulate Wall Sample

Manway / Surface Elevation:

Groundwater Depth While Drilling:	~9'	**Auger Depth:**	10'	**Driller:**	AEDC
Groundwater Depth After Drilling:		**Rotary Depth:**		**Geologist:**	MJS/DDF

QnE Peoria Road
45 Day Report

SA - Soil
Analytical Results

	Location	SA-1	SA-2
	Date	12/8/2020	12/8/2020
	Depth	8'	8'
Parameter	Tier I CUO		
Benzene	0.03	32.2	40.5
Ethylbenzene	13.0	243.	343.
Toluene	12.0	928.	1130.
Total Xylenes	5.6	1200.	1610.
MTBE	0.07	>5.25	>5.42
Acenaphthene	0.42	ND	ND
Acenaphtylene	0.010	ND	ND
Anthracene	2.1	ND	ND
Benzo(a)anthracene	0.00013	ND	ND
Benzo(a)pyrene	0.0002	ND	ND
Benzo(b)fluoranthene	0.00018	ND	ND
Benzo(g,h,i)perylene	0.00076	ND	ND
Benzo(k)fluoranthene	0.00017	ND	ND
Chrysene	0.0015	ND	ND
Dibenz(a,h)anthracene	0.0003	ND	ND
Fluoranthene	0.28	ND	ND
Fluorene	0.28	ND	ND
Indeno(1,2,3-cd)pyrene	0.00043	ND	ND
Naphthalene	0.14	ND	ND
Phenanthrene	0.0064	ND	ND
Pyrene	0.21	ND	ND
Exceeds Tier 1 Class I COUs			
values in mg/L			
Note: PNA samples obtained 6/3/11			

QnE Illinois Road
Site Investigation

SA - Soil
Analytical Results

	Location	SA-3A	SA-4A	SA-5A	SA-6A
	Date	12/9/2020	12/9/2020	12/9/2020	12/9/2020
	Depth	13'	13'	13'	13'
Parameter	Tier I CUO				
Benzene	**0.03**	**33.**	**28.4**	**41.8**	**49.4**
Ethylbenzene	**13.0**	**297.**	**238.**	**441.**	**481.**
Toluene	**12.0**	**862.**	**750.**	**1350.**	**1570.**
Total Xylenes	**5.6**	**1410.**	**1150.**	**2120.**	**2390.**
MTBE	**0.07**	**>4.11**	**>4.08**	**>9.47**	**>10.1**
Acenaphthene	**0.42**	ND	ND	ND	0.076200
Acenaphtylene	**0.010**	ND	ND	ND	ND
Anthracene	**2.1**	ND	ND	ND	ND
Benzo(a)anthracene	**0.00013**	ND	ND	ND	ND
Benzo(a)pyrene	**0.0002**	ND	ND	ND	ND
Benzo(b)fluoranthene	**0.00018**	ND	ND	ND	ND
Benzo(g,h,i)perylene	**0.00076**	ND	ND	ND	ND
Benzo(k)fluoranthene	**0.00017**	ND	ND	ND	ND
Chrysene	**0.0015**	ND	ND	ND	ND
Dibenz(a,h)anthracene	**0.0003**	ND	ND	ND	ND
Fluoranthene	**0.28**	ND	ND	ND	ND
Fluorene	**0.28**	0.052	0.054	0.054	0.114
Indeno(1,2,3-cd)pyrene	**0.00043**	ND	ND	ND	ND
Naphthalene	**0.14**	**9.81**	**12.9**	**5.65**	**24.6**
Phenanthrene	**0.0064**	**0.094**	**0.103**	**0.087**	**0.215**
Pyrene	**0.21**	ND	ND	ND	0.082
Exceeds Tier 1 Class I COUs					
values in mg/L					
Note: PNA samples obtained 6/3/11					

QnE Peoria Road
Site Investigation

SA - Soil
Analytical Results

	Location	SA-7A	SA-8A	SA-9A	SA-10A	SA-11A	SA-12A	SA-3B	SA-4B	SA-5B	SA-6B
	Date	12/9/2020	12/9/2020	12/9/2020	12/9/2020	12/9/2020	12/9/2020	12/9/2020	12/9/2020	12/9/2020	12/9/2020
	Depth	13'	13'	13'	13'	13'	13'	17'	17'	17'	17'
Parameter	**Tier I CUO**										
Benzene	**0.03**	**15.3**	**13.5**	**21.6**	**26.6**	**55.4**	**33.3**	**43.**	**95.7**	**79.9**	**43.6**
Ethylbenzene	**13.0**	**157.**	**134.**	**180.**	**257.**	**512.**	**307.**	**355.**	**769.**	**698.**	**347.**
Toluene	**12.0**	**586.**	**511.**	**704.**	**952.**	**1820.**	**1140.**	**1330.**	**3060.**	**2090.**	**1370.**
Total Xylenes	**5.6**	**829.**	**711.**	**916.**	**1320.**	**2520.**	**1540.**	**1780.**	**3520.**	**3380.**	**1730.**
MTBE	**0.07**	**>12.5**	**>9.37**	**>8.45**	**>10.4**	**>11.3**	**>8.61**	**>9.86**	**>10.4**	**>13.6**	**>11.3**
Acenaphthene	**0.42**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphtylene	**0.010**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Anthracene	**2.1**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	**0.00013**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	**0.0002**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	**0.00018**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	**0.00076**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	**0.00017**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chrysene	**0.0015**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	**0.0003**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	**0.28**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Fluorene	**0.28**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	**0.00043**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	**0.14**	ND	ND	ND	ND	ND	ND	**0.202**	**0.291**	ND	ND
Phenanthrene	**0.0064**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Pyrene	**0.21**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Exceeds Tier 1 Class I COUs											
values in mg/L											
Note: PNA samples obtained 6/3/11											

QnE Peoria Road
45 Day Report

SA - Soil
Analytical Results

	Location	SA-13	SA-14	SA-15	SA-16	SA-17	SA-18
	Date	12/11/2020	12/11/2020	12/11/2020	12/11/2020	12/11/2020	12/11/2020
	Depth	13'	13'	13'	13'	13'	13'
Parameter	Tier I CUO						
Benzene	**0.03**	ND	ND	ND	0.026	**66.4**	**54.7**
Ethylbenzene	**13.0**	ND	ND	ND	ND	**647.**	**462.**
Toluene	**12.0**	ND	0.083	0.104	0.253	**2280.**	**1690.**
Total Xylenes	**5.6**	ND	ND	ND	0.077	**3140.**	**2240.**
MTBE	**0.07**	ND	ND	ND	ND	**>12.4**	**>9.72**
Acenaphthene	**0.42**	ND	ND	ND	ND	ND	ND
Acenaphtylene	**0.010**	ND	ND	ND	ND	ND	ND
Anthracene	**2.1**	ND	ND	ND	ND	ND	ND
Benzo(a)anthracene	**0.00013**	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	**0.0002**	ND	ND	ND	ND	ND	ND
Benzo(b)fluoranthene	**0.00018**	ND	ND	ND	ND	ND	ND
Benzo(g,h,i)perylene	**0.00076**	ND	ND	ND	ND	ND	ND
Benzo(k)fluoranthene	**0.00017**	ND	ND	ND	ND	ND	ND
Chrysene	**0.0015**	ND	ND	ND	ND	ND	ND
Dibenz(a,h)anthracene	**0.0003**	ND	ND	ND	ND	ND	ND
Fluoranthene	**0.28**	ND	ND	ND	ND	ND	ND
Fluorene	**0.28**	ND	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	**0.00043**	ND	ND	ND	ND	ND	ND
Naphthalene	**0.14**	ND	ND	ND	ND	ND	ND
Phenanthrene	**0.0064**	ND	ND	ND	ND	ND	ND
Pyrene	**0.21**	ND	ND	ND	ND	ND	ND
Exceeds Tier 1 Class I COUs							
values in mg/L							
Note: PNA samples obtained 6/3/11							

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave., Suite 150 Geneva, Illinois 601
Tel. (708) 544-3260 • Toll Free (800) 783-LABS
Fax (708) 544-8587
www.suburbanlabs.com

December 21, 2020

Carol Rowe
CWM Company, Inc
701 West South Grand
Springfield, IL 62704

TEL: (217) 522-8001
FAX: (217) 522-8009

Workorder: 2012B72

RECEIVED
DEC 2 1 2020
BY: CR

RE: QnE Peoria Road Springfield

Dear Carol Rowe:

Suburban Laboratories, Inc. received 6 sample(s) on 12/14/2020 for the analyses presented in the following report.

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,

Keith Sinon

Keith Sinon
Project Manager
708-544-3260 ext 212
keith@suburbanlabs.com

Suburban Laboratories, Inc.
1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

Case Narrative

Client: CWM Company, Inc
Project: QnE Peoria Road Springfield
WorkOrder: 2012B72
Temperature of samples upon receipt at SLI: 1 C

Date: December 21, 2020
PO #:
QC Level:
Chain of Custody #:

General Comments:
- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.
- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.
- All radiological results are reported to the 95% confidence level.

Abbreviations:
- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS (Surrogate Standard): Quality control compound added to the sample by the lab.

Method References:
For a complete list of method references please contact us.
- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments:

Suburban Laboratories, Inc.
1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

Laboratory Result

Client ID: CWM Company, Inc
Project Name: QnE Peoria Road Springfield

Report Date: December 21, 2020
Workorder: 2012B72

Client Sample ID: CA-44 A
Lab ID: 2012B72-001 **Date Received:** 12/14/2020 11:14 AM

Matrix: SOIL
Collection Date: 12/08/2020 2:35 PM

Parameter	Result	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch I
VOLATILE ORGANIC COMPOUNDS		Method: EPA-8260B-Rev 2, Dec-96				Analyst: RWM	
Benzene	ND	0.0125		mg/Kg-dry	40.47	12/15/2020 5:22 PM	R12770
Ethylbenzene	ND	0.0499		mg/Kg-dry	40.47	12/15/2020 5:22 PM	R12770
m,p-Xylene	ND	0.0998		mg/Kg-dry	40.47	12/15/2020 5:22 PM	R12770
o-Xylene	ND	0.0499		mg/Kg-dry	40.47	12/15/2020 5:22 PM	R12770
Total Xylenes	ND	0.0998		mg/Kg-dry	40.47	12/15/2020 5:22 PM	R12770
Toluene	ND	0.0499		mg/Kg-dry	40.47	12/15/2020 5:22 PM	R12770
Internal Quality Control Compounds							
SS: 4-Bromofluorobenzene	112	80-130		%Rec	40.47	12/15/2020 5:22 PM	R12770
SS: Dibromofluoromethane	106	76.1-120		%Rec	40.47	12/15/2020 5:22 PM	R12770
SS: Toluene-d8	104	85-115		%Rec	40.47	12/15/2020 5:22 PM	R12770
PERCENT MOISTURE		Method: ASTM-D2216-Rev 2005				Analyst: STP	
Percent Moisture	19	1.0	c	wt%	1	12/16/2020 3:04 PM	R12772

Client Sample ID: CA-44 B
Lab ID: 2012B72-002 **Date Received:** 12/14/2020 11:14 AM

Matrix: SOIL
Collection Date: 12/08/2020 2:40 PM

Parameter	Result	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch I
VOLATILE ORGANIC COMPOUNDS		Method: EPA-8260B-Rev 2, Dec-96				Analyst: RWM	
Benzene	ND	0.0137		mg/Kg-dry	42.51	12/15/2020 5:47 PM	R12770
Ethylbenzene	ND	0.0549		mg/Kg-dry	42.51	12/15/2020 5:47 PM	R12770
m,p-Xylene	ND	0.110		mg/Kg-dry	42.51	12/15/2020 5:47 PM	R12770
o-Xylene	ND	0.0549		mg/Kg-dry	42.51	12/15/2020 5:47 PM	R12770
Total Xylenes	ND	0.110		mg/Kg-dry	42.51	12/15/2020 5:47 PM	R12770
Toluene	ND	0.0549		mg/Kg-dry	42.51	12/15/2020 5:47 PM	R12770
Internal Quality Control Compounds							
SS: 4-Bromofluorobenzene	112	80-130		%Rec	42.51	12/15/2020 5:47 PM	R12770
SS: Dibromofluoromethane	104	76.1-120		%Rec	42.51	12/15/2020 5:47 PM	R12770
SS: Toluene-d8	104	85-115		%Rec	42.51	12/15/2020 5:47 PM	R12770
PERCENT MOISTURE		Method: ASTM-D2216-Rev 2005				Analyst: STP	
Percent Moisture	23	1.0	c	wt%	1	12/16/2020 3:04 PM	R12772

Created: 12/21/2020 2:31:10 PM

Suburban Laboratories, Inc.
1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

Laboratory Results

Client ID: CWM Company, Inc
Project Name: QnE Peoria Road Springfield

Report Date: December 21, 2020
Workorder: 2012B72

Client Sample ID: CA-45 A
Lab ID: 2012B72-003 **Date Received:** 12/14/2020 11:14 AM

Matrix: SOIL
Collection Date: 12/08/2020 2:45 PM

Parameter	Result	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch I
VOLATILE ORGANIC COMPOUNDS		Method: EPA-8260B-Rev 2, Dec-96				Analyst: RWM	
Benzene	ND	0.0131		mg/Kg-dry	43.61	12/15/2020 6:12 PM	R127703
Ethylbenzene	ND	0.0525		mg/Kg-dry	43.61	12/15/2020 6:12 PM	R127703
m,p-Xylene	ND	0.105		mg/Kg-dry	43.61	12/15/2020 6:12 PM	R127703
o-Xylene	ND	0.0525		mg/Kg-dry	43.61	12/15/2020 6:12 PM	R127703
Total Xylenes	ND	0.105		mg/Kg-dry	43.61	12/15/2020 6:12 PM	R127703
Toluene	ND	0.0525		mg/Kg-dry	43.61	12/15/2020 6:12 PM	R127703
Internal Quality Control Compounds							
SS: 4-Bromofluorobenzene	111	80-130		%Rec	43.61	12/15/2020 6:12 PM	R127703
SS: Dibromofluoromethane	103	76.1-120		%Rec	43.61	12/15/2020 6:12 PM	R127703
SS: Toluene-d8	103	85-115		%Rec	43.61	12/15/2020 6:12 PM	R127703
PERCENT MOISTURE		Method: ASTM-D2216-Rev 2005				Analyst: STP	
Percent Moisture	17	1.0	c	wt%	1	12/16/2020 3:04 PM	R127726

Client Sample ID: CA-45 B
Lab ID: 2012B72-004 **Date Received:** 12/14/2020 11:14 AM

Matrix: SOIL
Collection Date: 12/08/2020 2:50 PM

Parameter	Result	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch I
VOLATILE ORGANIC COMPOUNDS		Method: EPA-8260B-Rev 2, Dec-96				Analyst: RWM	
Benzene	ND	0.0136		mg/Kg-dry	42.29	12/15/2020 6:36 PM	R127703
Ethylbenzene	ND	0.0545		mg/Kg-dry	42.29	12/15/2020 6:36 PM	R127703
m,p-Xylene	ND	0.109		mg/Kg-dry	42.29	12/15/2020 6:36 PM	R127703
o-Xylene	ND	0.0545		mg/Kg-dry	42.29	12/15/2020 6:36 PM	R127703
Total Xylenes	ND	0.109		mg/Kg-dry	42.29	12/15/2020 6:36 PM	R127703
Toluene	ND	0.0545		mg/Kg-dry	42.29	12/15/2020 6:36 PM	R127703
Internal Quality Control Compounds							
SS: 4-Bromofluorobenzene	112	80-130		%Rec	42.29	12/15/2020 6:36 PM	R127703
SS: Dibromofluoromethane	104	76.1-120		%Rec	42.29	12/15/2020 6:36 PM	R127703
SS: Toluene-d8	103	85-115		%Rec	42.29	12/15/2020 6:36 PM	R127703
PERCENT MOISTURE		Method: ASTM-D2216-Rev 2005				Analyst: STP	
Percent Moisture	22	1.0	c	wt%	1	12/16/2020 3:04 PM	R127726

Suburban Laboratories, Inc.
1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

Laboratory Results

Client ID: CWM Company, Inc
Project Name: QnE Peoria Road Springfield

Report Date: December 21, 2020
Workorder: 2012B72

Client Sample ID: SA-1
Lab ID: 2012B72-005 **Date Received:** 12/14/2020 11:14 AM

Matrix: SOIL
Collection Date: 12/08/2020 3:05 PM

Parameter	Result	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch I
VOLATILE ORGANIC COMPOUNDS		Method: EPA-8260B-Rev 2, Dec-96				Analyst: RWM	
Benzene	32.2	1.31		mg/Kg-dry	4144.22	12/15/2020 7:01 PM	R127703
Ethylbenzene	243	5.25		mg/Kg-dry	4144.22	12/15/2020 7:01 PM	R127703
m,p-Xylene	871	10.5		mg/Kg-dry	4144.22	12/15/2020 7:01 PM	R127703
Methyl tert-butyl ether	ND	5.25		mg/Kg-dry	4144.22	12/15/2020 7:01 PM	R127703
o-Xylene	330	5.25		mg/Kg-dry	4144.22	12/15/2020 7:01 PM	R127703
Total Xylenes	1,200	10.5		mg/Kg-dry	4144.22	12/15/2020 7:01 PM	R127703
Toluene	928	5.25		mg/Kg-dry	4144.22	12/15/2020 7:01 PM	R127703
Internal Quality Control Compounds							
SS: 4-Bromofluorobenzene	98.8	80-130		%Rec	4144.22	12/15/2020 7:01 PM	R127703
SS: Dibromofluoromethane	109	76.1-120		%Rec	4144.22	12/15/2020 7:01 PM	R127703
SS: Toluene-d8	101	85-115		%Rec	4144.22	12/15/2020 7:01 PM	R127703
SEMIVOLATILE ORGANICS, BY GCMS SIM		Method: EPA-8270C-Rev 3, Dec-96				Analyst: ES	
Acenaphthene	ND	0.0501		mg/Kg-dry	1	12/18/2020 2:17 PM	70427
Acenaphthylene	ND	0.0501		mg/Kg-dry	1	12/18/2020 2:17 PM	70427
Anthracene	ND	0.0501		mg/Kg-dry	1	12/18/2020 2:17 PM	70427
Benzo(a)anthracene	ND	0.0501		mg/Kg-dry	1	12/18/2020 2:17 PM	70427
Benzo(a)pyrene	ND	0.0501		mg/Kg-dry	1	12/18/2020 2:17 PM	70427
Benzo(b)fluoranthene	ND	0.0501		mg/Kg-dry	1	12/18/2020 2:17 PM	70427
Benzo(g,h,i)perylene	ND	0.0501		mg/Kg-dry	1	12/18/2020 2:17 PM	70427
Benzo(k)fluoranthene	ND	0.0501		mg/Kg-dry	1	12/18/2020 2:17 PM	70427
Chrysene	ND	0.0501		mg/Kg-dry	1	12/18/2020 2:17 PM	70427
Dibenzo(a,h)anthracene	ND	0.0501		mg/Kg-dry	1	12/18/2020 2:17 PM	70427
Fluoranthene	ND	0.0501		mg/Kg-dry	1	12/18/2020 2:17 PM	70427
Fluorene	ND	0.0501		mg/Kg-dry	1	12/18/2020 2:17 PM	70427
Indeno(1,2,3-cd)pyrene	ND	0.0501		mg/Kg-dry	1	12/18/2020 2:17 PM	70427
Naphthalene	ND	0.0501		mg/Kg-dry	1	12/18/2020 2:17 PM	70427
Phenanthrene	ND	0.0501		mg/Kg-dry	1	12/18/2020 2:17 PM	70427
Pyrene	ND	0.0501		mg/Kg-dry	1	12/18/2020 2:17 PM	70427
Internal Quality Control Compounds							
SS: 2-Fluorobiphenyl	81.2	72.1-138		%Rec	1	12/18/2020 2:17 PM	70427
SS: 4-Terphenyl-d14	115	45.3-152		%Rec	1	12/18/2020 2:17 PM	70427
SS: Nitrobenzene-d5	102	62.6-144		%Rec	1	12/18/2020 2:17 PM	70427
PERCENT MOISTURE		Method: ASTM-D2216-Rev 2005				Analyst: STP	
Percent Moisture	21	1.0	c	wt%	1	12/16/2020 3:04 PM	R127726

Suburban Laboratories, Inc.
1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

Laboratory Results

Client ID: CWM Company, Inc
Project Name: QnE Peoria Road Springfield

Report Date: December 21, 2020
Workorder: 2012B72

Client Sample ID: SA-2
Lab ID: 2012B72-006 **Date Received:** 12/14/2020 11:14 AM

Matrix: SOIL
Collection Date: 12/08/2020 3:20 PM

Parameter	Result	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch I
VOLATILE ORGANIC COMPOUNDS		Method: EPA-8260B-Rev 2, Dec-96				Analyst: RWM	
Benzene	40.5	1.36		mg/Kg-dry	4273.72	12/15/2020 7:26 PM	R127703
Ethylbenzene	343	5.42		mg/Kg-dry	4273.72	12/15/2020 7:26 PM	R127703
m,p-Xylene	1,170	10.8		mg/Kg-dry	4273.72	12/15/2020 7:26 PM	R127703
Methyl tert-butyl ether	ND	5.42		mg/Kg-dry	4273.72	12/15/2020 7:26 PM	R127703
o-Xylene	447	5.42		mg/Kg-dry	4273.72	12/15/2020 7:26 PM	R127703
Total Xylenes	1,610	10.8		mg/Kg-dry	4273.72	12/15/2020 7:26 PM	R127703
Toluene	1,130	10.8		mg/Kg-dry	8547.45	12/16/2020 2:41 PM	R127760
Internal Quality Control Compounds							
SS: 4-Bromofluorobenzene	97.9	80-130		%Rec	4273.72	12/15/2020 7:26 PM	R127703
SS: Dibromofluoromethane	109	76.1-120		%Rec	4273.72	12/15/2020 7:26 PM	R127703
SS: Toluene-d8	100	85-115		%Rec	4273.72	12/15/2020 7:26 PM	R127703
SEMIVOLATILE ORGANICS, BY GCMS SIM		Method: EPA-8270C-Rev 3, Dec-96				Analyst: ES	
Acenaphthene	ND	0.0503		mg/Kg-dry	1	12/18/2020 2:55 PM	70427
Acenaphthylene	ND	0.0503		mg/Kg-dry	1	12/18/2020 2:55 PM	70427
Anthracene	ND	0.0503		mg/Kg-dry	1	12/18/2020 2:55 PM	70427
Benzo(a)anthracene	ND	0.0503		mg/Kg-dry	1	12/18/2020 2:55 PM	70427
Benzo(a)pyrene	ND	0.0503		mg/Kg-dry	1	12/18/2020 2:55 PM	70427
Benzo(b)fluoranthene	ND	0.0503		mg/Kg-dry	1	12/18/2020 2:55 PM	70427
Benzo(g,h,i)perylene	ND	0.0503		mg/Kg-dry	1	12/18/2020 2:55 PM	70427
Benzo(k)fluoranthene	ND	0.0503		mg/Kg-dry	1	12/18/2020 2:55 PM	70427
Chrysene	ND	0.0503		mg/Kg-dry	1	12/18/2020 2:55 PM	70427
Dibenzo(a,h)anthracene	ND	0.0503		mg/Kg-dry	1	12/18/2020 2:55 PM	70427
Fluoranthene	ND	0.0503		mg/Kg-dry	1	12/18/2020 2:55 PM	70427
Fluorene	ND	0.0503		mg/Kg-dry	1	12/18/2020 2:55 PM	70427
Indeno(1,2,3-cd)pyrene	ND	0.0503		mg/Kg-dry	1	12/18/2020 2:55 PM	70427
Naphthalene	ND	0.0503		mg/Kg-dry	1	12/18/2020 2:55 PM	70427
Phenanthrene	ND	0.0503		mg/Kg-dry	1	12/18/2020 2:55 PM	70427
Pyrene	ND	0.0503		mg/Kg-dry	1	12/18/2020 2:55 PM	70427
Internal Quality Control Compounds							
SS: 2-Fluorobiphenyl	85.7	72.1-138		%Rec	1	12/18/2020 2:55 PM	70427
SS: 4-Terphenyl-d14	114	45.3-152		%Rec	1	12/18/2020 2:55 PM	70427
SS: Nitrobenzene-d5	95.5	62.6-144		%Rec	1	12/18/2020 2:55 PM	70427
PERCENT MOISTURE		Method: ASTM-D2216-Rev 2005				Analyst: STP	
Percent Moisture	21	1.0	c	wt%	1	12/16/2020 3:04 PM	R127726

Suburban Laboratories, Inc.
1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

PREP DATES REPORT

Client: CWM Company, Inc
Project: QnE Peoria Road Springfield

Report Date: December 21, 2020
Lab Order: **2012B72**

Sample ID	Collection Date	Batch ID	Prep Test Name	TCLP Date	Prep Date
2012B72-001A	12/8/2020 2:35:00 PM	70424	CLOSED SYSTEM P&T VOC Prep		12/16/2020
2012B72-002A	12/8/2020 2:40:00 PM	70424	CLOSED SYSTEM P&T VOC Prep		12/16/2020
2012B72-003A	12/8/2020 2:45:00 PM	70424	CLOSED SYSTEM P&T VOC Prep		12/16/2020
2012B72-004A	12/8/2020 2:50:00 PM	70424	CLOSED SYSTEM P&T VOC Prep		12/16/2020
2012B72-005A	12/8/2020 3:05:00 PM	70424	CLOSED SYSTEM P&T VOC Prep		12/16/2020
2012B72-005B		70427	SOLID PREP SONICATION: BNA		12/16/2020
2012B72-006A	12/8/2020 3:20:00 PM	70424	CLOSED SYSTEM P&T VOC Prep		12/16/2020
2012B72-006B		70427	SOLID PREP SONICATION: BNA		12/16/2020

Suburban Laboratories, Inc.
1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

Qualifier Definitions

WO#: **2012B72**
Date: **12/21/2020**

Qualifiers:

*/x	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
C	Value is below Minimum Concentration Limit
c	Analyte not in SLI scope of accreditation
E	Estimated, detected above quantitation range
G	Refer to case narrative page for specific comments
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limit (QL)
N	Tentatively identified compounds
ND	Not Detected at the Reporting Limit
P	Present
Q	Accreditation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
T	Analyte detected in sample trip blank
V	EPA requires field analysis/filtration. Lab analysis would be considered past hold time.

Created: 12/21/2020 2:31:12 PM

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave. Ste. 150 Geneva, IL 60134 Tel. 708.544.3260 login@suburbanlabs.com www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

Company Name: CWM Company, Inc.
Company Address: 701 S. Grand Ave. W.
Springfield State: IL Zip: 62704
Phone #: 217 522-8001 Mobile: Fax: 8009
Email Address: cwm@cwmcompany.com
Project ID / Location: 2nE Peoria Road / Springfield
Project Manager (Report to): Carol L. Rowe
Sample Collector(s): MJS / DDF

TURNAROUND TIME REQUESTED
[X] Normal [ ] RUSH*
* Must be pre-approved and surcharges apply. Checking this box indicates your approval of surcharges.
Date and Time Report Needed:

Specify Regulatory Program: [ ] None/Info Only
[X] LUST [ ] SRP [ ] SDWA
[ ] 503 Sludge [ ] NPDES [ ] MWRDGC
[ ] Disposal [ ] CCDD [ ] OTHER - Specify Below

ANALYSIS & METHOD REQUESTED
Enter an "X" in box below for request

Page 1 of 1
PO #
Report Type [ ] Normal [ ] Special*
* Additional charges apply for QC reports and raw data. Specify in comments section
Shipping Method

LAB USE ONLY
Work Order # 2012BTZ
Temperature of Received Samples °C
Received within 24 hours of collection? [ ] No [ ] Yes

SAMPLE IDENTIFICATION (Use 1 line per container type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	BETX	MTBE	PNAS	Lab Comment	LAB #
CA-44 A	12/8/20	2:35	S	G	2/1	40mL/4oz	Meoh/None	X				AB
CA-44 B		2:40						X				
CA-45 A		2:45						X				
CA-45 B		2:50						X				
SA-1		3:05						X	X	X		
SA-2		3:20						X	X	X		AB

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) CONTAINER: 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) PRESERVATIVE: H_2O_4, HCL HNO_3, Methanol (MeOH), NaOH, Sodium Bisulfate (NaHS), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

RECEIVED
DEC 21 2020
BY: CL

1. Relinquished By	Date	2. Relinquished By	Date	3. Relinquished By	Date	4. Relinquished By	Date
	12/14/20		12/14/20				
Received By	Time	Received By	Time	Received By	Time	Received By	Time
Ice	8	Ice	11:14	Ice		Ice	

THIS FORM MUST BE FILLED OUT COMPLETELY BY THE SAMPLE COLLECTOR OR SUBMITTER AND ORIGINAL FORM MUST ACCOMPANY SAMPLES AT ALL TIMES. Rev 2/17

000058

Illinois Environmental Protection Agency

Bureau of Land • 1021 N. Grand Avenue E. • P.O. Box 19276 • Springfield • Illinois • 62794-9276

The Agency is authorized to require this information under Section 4 and Title XVI of the Environmental Protection Act (415 ILCS 5/4, 5/57 – 57.17). Failure to disclose this information may result in a civil penalty of not to exceed $50,000.00 for the violation and an additional civil penalty of not to exceed $10,000.00 for each day during which the violation continues (415 ILCS 5/42). Any person who knowingly makes a false material statement or representation, orally or in writing, in any label, manifest, record, report, permit, or license, or other document filed, maintained or used for the purpose of compliance with Title XVI commits a Class 4 felony. Any second or subsequent offense after conviction hereunder is a Class 3 felony (415 ILCS 5/44 and 57.17). This form has been approved by the Forms Management Center.

Leaking Underground Storage Tank Program
Laboratory Certification for Chemical Analysis

A. Site Identification

IEMA Incident # (6- or 8-digit): 991895 & 96-1540 IEPA LPC# (10-digit): 1671205520

Site Name: Qik-n-Ez

Site Address (Not a P.O. Box): 2800 North Peoria Road

City: Springfield County: Sangamon ZIP Code: 62702

Leaking UST Technical File

B. Sample Collector

I certify that:

1. Appropriate sampling equipment/methods were utilized to obtain representative samples. MJS (Initial)
2. Chain-of-custody procedures were followed in the field. MJS (Initial)
3. Sample integrity was maintained by proper preservation. MJS (Initial)
4. All samples were properly labeled. MJS (Initial)

DEC 29 2020

RH

C. Laboratory Representative

I certify that:

1. Proper chain-of-custody procedures were followed as documented on the chain-of-custody forms (Initial)
2. Sample integrity was maintained by proper preservation. (Initial)
3. All samples were properly labeled. (Initial)
4. Quality assurance/quality control procedures were established and carried out. (Initial)
5. Sample holding times were not exceeded. (Initial)

6. SW-846 Analytical Laboratory Procedure (USEPA) methods were used for the analyses. JSB (Initial)

7. An accredited lab performed quantitative analysis using test methods identified in 35 IAC 186.180 (for samples collected on or after January 1, 2003). JSB (Initial)

D. Signatures

I hereby affirm that all information contained in this form is true and accurate to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sample Collector

Name Matthew Saladino
Title Engineer III
Company CWM Company, Inc.
Address 701 South Grand Ave. West
City Springfield
State IL
Zip Code 62704
Phone 217-522-8001
Signature
Date 12/8/20

Laboratory Representative

Name Keith Sinon
Title Project Manager
Company Suburban Laboratories, Inc.
Address 1950 S. Batavia Ave Ste 150
City Geneva
State IL
Zip Code 60134
Phone 708-544-3260
Signature
Date 12/22/20

DEC 29 2020
R4

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave., Suite 150 Geneva, Illinois 60134
Tel. (708) 544-3260 • Toll Free (800) 783-LABS
Fax (708) 544-8587
www.suburbanlabs.com

December 21, 2020

Carol Rowe
CWM Company, Inc
701 West South Grand
Springfield, IL 62704

TEL: (217) 522-8001
FAX: (217) 522-8009
RE: Q E Peoria Road

Workorder: 2012B92

Dear Carol Rowe:

Suburban Laboratories, Inc. received 20 sample(s) on 12/14/2020 for the analyses presented in the following report.

All data for the associated quality control (QC) met EPA, method, or internal laboratory specifications except where noted in the case narrative. If you are comparing these results to external QC specifications or compliance limits and have any questions, please contact us.

This final report of laboratory analysis consists of this cover letter, case narrative, analytical report, dates report, and any accompanying documentation including, but not limited to, chain of custody records, raw data, and letters of explanation or reliance. This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc.

If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,

Keith Sinon
Project Manager
708-544-3260 ext 212
keith@suburbanlabs.com

Suburban Laboratories, Inc.
1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

Case Narrative

Client: CWM Company, Inc
Project: Q E Peoria Road
WorkOrder: 2012B92
Temperature of samples upon receipt at SLI: 1 C

Date: December 21, 2020
PO #:
QC Level:
Chain of Custody #:

General Comments:
- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of 35 IAC Part 186 unless otherwise indicated.
- Waste water analysis follows the rules set forth in 40 CFR part 136 except where otherwise noted.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated.
- For more information about the laboratories' scope of accreditation, please contact us at (708) 544-3260 or the Agency at (217) 782-6455.
- All radiological results are reported to the 95% confidence level.

Abbreviations:
- Reporting Limit: The concentration at which an analyte can be routinely detected on a day to day basis, and which also meets regulatory and client needs.
- Quantitation Limit: The lowest concentration at which results can be accurately quantitated.
- J: The analyte was positively identified above our Method Detection Limit and is considered detectable and usable; however, the associated numerical value is the approximate concentration of the analyte in the sample.
- ATC: Automatic Temperature Correction. - TNTC: Too Numerous To Count
- TIC: Tentatively Identified Compound (GCMS library search identification, concentration estimated to nearest internal standard).
- SS (Surrogate Standard): Quality control compound added to the sample by the lab.

Method References:
For a complete list of method references please contact us.
- E: USEPA Reference methods
- SW: USEPA, Test Methods for Evaluating Solid Waste (SW-846)
- M: Standard Methods for the Examination of Water and Wastewater
- USP: Latest version of United States Pharmacopeia

Workorder Specific Comments:

Suburban Laboratories, Inc.
1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

Laboratory Results

Client ID: CWM Company, Inc
Project Name: Q E Peoria Road

Report Date: December 21, 2020
Workorder: 2012B92

Client Sample ID: SA3A
Lab ID: 2012B92-001

Matrix: SOIL
Date Received: 12/14/2020 11:13 AM
Collection Date: 12/09/2020 12:05 PM

Parameter	Result	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS		Method: EPA-8260B-Rev 2, Dec-96				Analyst: RWM	
Benzene	33.0	1.03		mg/Kg-dry	3465.92	12/15/2020 7:51 PM	R127703
Ethylbenzene	297	4.11		mg/Kg-dry	3465.92	12/15/2020 7:51 PM	R127703
m,p-Xylene	1,020	8.22		mg/Kg-dry	3465.92	12/15/2020 7:51 PM	R127703
Methyl tert-butyl ether	ND	4.11		mg/Kg-dry	3465.92	12/15/2020 7:51 PM	R127703
o-Xylene	396	4.11		mg/Kg-dry	3465.92	12/15/2020 7:51 PM	R127703
Total Xylenes	1,410	8.22		mg/Kg-dry	3465.92	12/15/2020 7:51 PM	R127703
Toluene	862	8.22		mg/Kg-dry	6931.83	12/16/2020 3:06 PM	R127760
Internal Quality Control Compounds							
SS: 4-Bromofluorobenzene	99.5	80-130		%Rec	3465.92	12/15/2020 7:51 PM	R127703
SS: Dibromofluoromethane	108	76.1-120		%Rec	3465.92	12/15/2020 7:51 PM	R127703
SS: Toluene-d8	99.8	85-115		%Rec	3465.92	12/15/2020 7:51 PM	R127703
SEMIVOLATILE ORGANICS, BY GCMS SIM		Method: EPA-8270C-Rev 3, Dec-96				Analyst: ES	
Acenaphthene	ND	0.0474		mg/Kg-dry	1	12/16/2020 2:22 PM	70426
Acenaphthylene	ND	0.0474		mg/Kg-dry	1	12/16/2020 2:22 PM	70426
Anthracene	ND	0.0474		mg/Kg-dry	1	12/16/2020 2:22 PM	70426
Benzo(a)anthracene	ND	0.0474		mg/Kg-dry	1	12/16/2020 2:22 PM	70426
Benzo(a)pyrene	ND	0.0474		mg/Kg-dry	1	12/16/2020 2:22 PM	70426
Benzo(b)fluoranthene	ND	0.0474		mg/Kg-dry	1	12/16/2020 2:22 PM	70426
Benzo(g,h,i)perylene	ND	0.0474		mg/Kg-dry	1	12/16/2020 2:22 PM	70426
Benzo(k)fluoranthene	ND	0.0474		mg/Kg-dry	1	12/16/2020 2:22 PM	70426
Chrysene	ND	0.0474		mg/Kg-dry	1	12/16/2020 2:22 PM	70426
Dibenzo(a,h)anthracene	ND	0.0474		mg/Kg-dry	1	12/16/2020 2:22 PM	70426
Fluoranthene	ND	0.0474		mg/Kg-dry	1	12/16/2020 2:22 PM	70426
Fluorene	0.0520	0.0474		mg/Kg-dry	1	12/16/2020 2:22 PM	70426
Indeno(1,2,3-cd)pyrene	ND	0.0474		mg/Kg-dry	1	12/16/2020 2:22 PM	70426
Naphthalene	9.81	0.237		mg/Kg-dry	5	12/17/2020 12:34 PM	70426
Phenanthrene	0.0939	0.0474		mg/Kg-dry	1	12/16/2020 2:22 PM	70426
Pyrene	ND	0.0474		mg/Kg-dry	1	12/16/2020 2:22 PM	70426
Internal Quality Control Compounds							
SS: 2-Fluorobiphenyl	69.2	72.1-138	S	%Rec	1	12/16/2020 2:22 PM	70426
SS: 4-Terphenyl-d14	103	45.3-152		%Rec	1	12/16/2020 2:22 PM	70426
SS: Nitrobenzene-d5	101	62.6-144		%Rec	1	12/16/2020 2:22 PM	70426
PERCENT MOISTURE		Method: ASTM-D2216-Rev 2005				Analyst: STP	
Percent Moisture	16	1.0	c	wt%	1	12/16/2020 4:02 PM	R127728

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Laboratory Results

Client ID: CWM Company, Inc
Project Name: Q E Peoria Road

Report Date: December 21, 2020
Workorder: 2012B92

Client Sample ID: SA4A
Lab ID: 2012B92-002
Date Received: 12/14/2020 11:13 AM
Matrix: SOIL
Collection Date: 12/09/2020 12:15 PM

Parameter	Result	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS		Method: EPA-8260B-Rev 2, Dec-96				Analyst: RWM	
Benzene	28.4	1.02		mg/Kg-dry	3403.17	12/15/2020 8:16 PM	R127703
Ethylbenzene	238	4.08		mg/Kg-dry	3403.17	12/15/2020 8:16 PM	R127703
m,p-Xylene	833	8.17		mg/Kg-dry	3403.17	12/15/2020 8:16 PM	R127703
Methyl tert-butyl ether	ND	4.08		mg/Kg-dry	3403.17	12/15/2020 8:16 PM	R127703
o-Xylene	319	4.08		mg/Kg-dry	3403.17	12/15/2020 8:16 PM	R127703
Total Xylenes	1,150	8.17		mg/Kg-dry	3403.17	12/15/2020 8:16 PM	R127703
Toluene	750	8.17		mg/Kg-dry	6806.33	12/16/2020 3:31 PM	R127760
Internal Quality Control Compounds							
SS: 4-Bromofluorobenzene	99.5	80-130		%Rec	3403.17	12/15/2020 8:16 PM	R127703
SS: Dibromofluoromethane	108	76.1-120		%Rec	3403.17	12/15/2020 8:16 PM	R127703
SS: Toluene-d8	100	85-115		%Rec	3403.17	12/15/2020 8:16 PM	R127703
SEMIVOLATILE ORGANICS, BY GCMS SIM		Method: EPA-8270C-Rev 3, Dec-96				Analyst: ES	
Acenaphthene	ND	0.0476		mg/Kg-dry	1	12/16/2020 3:00 PM	70426
Acenaphthylene	ND	0.0476		mg/Kg-dry	1	12/16/2020 3:00 PM	70426
Anthracene	ND	0.0476		mg/Kg-dry	1	12/16/2020 3:00 PM	70426
Benzo(a)anthracene	ND	0.0476		mg/Kg-dry	1	12/16/2020 3:00 PM	70426
Benzo(a)pyrene	ND	0.0476		mg/Kg-dry	1	12/16/2020 3:00 PM	70426
Benzo(b)fluoranthene	ND	0.0476		mg/Kg-dry	1	12/16/2020 3:00 PM	70426
Benzo(g,h,i)perylene	ND	0.0476		mg/Kg-dry	1	12/16/2020 3:00 PM	70426
Benzo(k)fluoranthene	ND	0.0476		mg/Kg-dry	1	12/16/2020 3:00 PM	70426
Chrysene	ND	0.0476		mg/Kg-dry	1	12/16/2020 3:00 PM	70426
Dibenzo(a,h)anthracene	ND	0.0476		mg/Kg-dry	1	12/16/2020 3:00 PM	70426
Fluoranthene	ND	0.0476		mg/Kg-dry	1	12/16/2020 3:00 PM	70426
Fluorene	0.0540	0.0476		mg/Kg-dry	1	12/16/2020 3:00 PM	70426
Indeno(1,2,3-cd)pyrene	ND	0.0476		mg/Kg-dry	1	12/16/2020 3:00 PM	70426
Naphthalene	12.9	0.238		mg/Kg-dry	5	12/17/2020 1:12 PM	70426
Phenanthrene	0.103	0.0476		mg/Kg-dry	1	12/16/2020 3:00 PM	70426
Pyrene	ND	0.0476		mg/Kg-dry	1	12/16/2020 3:00 PM	70426
Internal Quality Control Compounds							
SS: 2-Fluorobiphenyl	67.8	72.1-138	S	%Rec	1	12/16/2020 3:00 PM	70426
SS: 4-Terphenyl-d14	97.7	45.3-152		%Rec	1	12/16/2020 3:00 PM	70426
SS: Nitrobenzene-d5	104	62.6-144		%Rec	1	12/16/2020 3:00 PM	70426
PERCENT MOISTURE		Method: ASTM-D2216-Rev 2005				Analyst: STP	
Percent Moisture	17	1.0	c	wt%	1	12/16/2020 4:02 PM	R127728

Created: 12/21/2020 2:32:20 PM

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Laboratory Results

Client ID: CWM Company, Inc
Project Name: Q E Peoria Road

Report Date: December 21, 2020
Workorder: 2012B92

Client Sample ID: SA5A
Lab ID: 2012B92-003
Date Received: 12/14/2020 11:13 AM

Matrix: SOIL
Collection Date: 12/09/2020 2:35 PM

Parameter	Result	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS		Method: EPA-8260B-Rev 2, Dec-96				Analyst: RWM	
Benzene	41.8	2.37		mg/Kg-dry	8088.39	12/16/2020 3:56 PM	R127760
Ethylbenzene	441	9.47		mg/Kg-dry	8088.39	12/16/2020 3:56 PM	R127760
m,p-Xylene	1,580	18.9		mg/Kg-dry	8088.39	12/16/2020 3:56 PM	R127760
Methyl tert-butyl ether	ND	9.47		mg/Kg-dry	8088.39	12/16/2020 3:56 PM	R127760
o-Xylene	545	9.47		mg/Kg-dry	8088.39	12/16/2020 3:56 PM	R127760
Total Xylenes	2,120	18.9		mg/Kg-dry	8088.39	12/16/2020 3:56 PM	R127760
Toluene	1,350	9.47		mg/Kg-dry	8088.39	12/16/2020 3:56 PM	R127760
Internal Quality Control Compounds							
SS: 4-Bromofluorobenzene	99.0	80-130		%Rec	8088.39	12/16/2020 3:56 PM	R127760
SS: Dibromofluoromethane	106	76.1-120		%Rec	8088.39	12/16/2020 3:56 PM	R127760
SS: Toluene-d8	99.3	85-115		%Rec	8088.39	12/16/2020 3:56 PM	R127760
SEMIVOLATILE ORGANICS, BY GCMS SIM		Method: EPA-8270C-Rev 3, Dec-96				Analyst: ES	
Acenaphthene	ND	0.0463		mg/Kg-dry	1	12/16/2020 3:38 PM	70426
Acenaphthylene	ND	0.0463		mg/Kg-dry	1	12/16/2020 3:38 PM	70426
Anthracene	ND	0.0463		mg/Kg-dry	1	12/16/2020 3:38 PM	70426
Benzo(a)anthracene	ND	0.0463		mg/Kg-dry	1	12/16/2020 3:38 PM	70426
Benzo(a)pyrene	ND	0.0463		mg/Kg-dry	1	12/16/2020 3:38 PM	70426
Benzo(b)fluoranthene	ND	0.0463		mg/Kg-dry	1	12/16/2020 3:38 PM	70426
Benzo(g,h,i)perylene	ND	0.0463		mg/Kg-dry	1	12/16/2020 3:38 PM	70426
Benzo(k)fluoranthene	ND	0.0463		mg/Kg-dry	1	12/16/2020 3:38 PM	70426
Chrysene	ND	0.0463		mg/Kg-dry	1	12/16/2020 3:38 PM	70426
Dibenzo(a,h)anthracene	ND	0.0463		mg/Kg-dry	1	12/16/2020 3:38 PM	70426
Fluoranthene	ND	0.0463		mg/Kg-dry	1	12/16/2020 3:38 PM	70426
Fluorene	0.0540	0.0463		mg/Kg-dry	1	12/16/2020 3:38 PM	70426
Indeno(1,2,3-cd)pyrene	ND	0.0463		mg/Kg-dry	1	12/16/2020 3:38 PM	70426
Naphthalene	5.65	0.0925		mg/Kg-dry	2	12/17/2020 1:50 PM	70426
Phenanthrene	0.0869	0.0463		mg/Kg-dry	1	12/16/2020 3:38 PM	70426
Pyrene	ND	0.0463		mg/Kg-dry	1	12/16/2020 3:38 PM	70426
Internal Quality Control Compounds							
SS: 2-Fluorobiphenyl	70.0	72.1-138	S	%Rec	1	12/16/2020 3:38 PM	70426
SS: 4-Terphenyl-d14	113	45.3-152		%Rec	1	12/16/2020 3:38 PM	70426
SS: Nitrobenzene-d5	117	62.6-144		%Rec	1	12/16/2020 3:38 PM	70426
PERCENT MOISTURE		Method: ASTM-D2216-Rev 2005				Analyst: STP	
Percent Moisture	15	1.0	c	wt%	1	12/16/2020 4:02 PM	R127728

Created: 12/21/2020 2:32:20 PM

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Laboratory Results

Client ID: CWM Company, Inc
Project Name: Q E Peoria Road

Report Date: December 21, 2020
Workorder: 2012B92

Client Sample ID: SA6A
Lab ID: 2012B92-004
Date Received: 12/14/2020 11:13 AM
Matrix: SOIL
Collection Date: 12/09/2020 2:45 PM

Parameter	Result	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS		Method: EPA-8260B-Rev 2, Dec-96				Analyst: RWM	
Benzene	49.4	2.53		mg/Kg-dry	8474.86	12/16/2020 4:20 PM	R127760
Ethylbenzene	481	10.1		mg/Kg-dry	8474.86	12/16/2020 4:20 PM	R127760
m,p-Xylene	1,750	20.3		mg/Kg-dry	8474.86	12/16/2020 4:20 PM	R127760
Methyl tert-butyl ether	ND	10.1		mg/Kg-dry	8474.86	12/16/2020 4:20 PM	R127760
o-Xylene	635	10.1		mg/Kg-dry	8474.86	12/16/2020 4:20 PM	R127760
Total Xylenes	2,390	20.3		mg/Kg-dry	8474.86	12/16/2020 4:20 PM	R127760
Toluene	1,570	10.1		mg/Kg-dry	8474.86	12/16/2020 4:20 PM	R127760
Internal Quality Control Compounds							
SS: 4-Bromofluorobenzene	98.8	80-130		%Rec	8474.86	12/16/2020 4:20 PM	R127760
SS: Dibromofluoromethane	106	76.1-120		%Rec	8474.86	12/16/2020 4:20 PM	R127760
SS: Toluene-d8	99.2	85-115		%Rec	8474.86	12/16/2020 4:20 PM	R127760
SEMIVOLATILE ORGANICS, BY GCMS SIM		Method: EPA-8270C-Rev 3, Dec-96				Analyst: ES	
Acenaphthene	0.0762	0.0478		mg/Kg-dry	1	12/16/2020 4:16 PM	70426
Acenaphthylene	ND	0.0478		mg/Kg-dry	1	12/16/2020 4:16 PM	70426
Anthracene	ND	0.0478		mg/Kg-dry	1	12/16/2020 4:16 PM	70426
Benzo(a)anthracene	ND	0.0478		mg/Kg-dry	1	12/16/2020 4:16 PM	70426
Benzo(a)pyrene	ND	0.0478		mg/Kg-dry	1	12/16/2020 4:16 PM	70426
Benzo(b)fluoranthene	ND	0.0478		mg/Kg-dry	1	12/16/2020 4:16 PM	70426
Benzo(g,h,i)perylene	ND	0.0478		mg/Kg-dry	1	12/16/2020 4:16 PM	70426
Benzo(k)fluoranthene	ND	0.0478		mg/Kg-dry	1	12/16/2020 4:16 PM	70426
Chrysene	ND	0.0478		mg/Kg-dry	1	12/16/2020 4:16 PM	70426
Dibenzo(a,h)anthracene	ND	0.0478		mg/Kg-dry	1	12/16/2020 4:16 PM	70426
Fluoranthene	ND	0.0478		mg/Kg-dry	1	12/16/2020 4:16 PM	70426
Fluorene	0.114	0.0478		mg/Kg-dry	1	12/16/2020 4:16 PM	70426
Indeno(1,2,3-cd)pyrene	ND	0.0478		mg/Kg-dry	1	12/16/2020 4:16 PM	70426
Naphthalene	24.6	0.478		mg/Kg-dry	10	12/17/2020 2:28 PM	70426
Phenanthrene	0.215	0.0478		mg/Kg-dry	1	12/16/2020 4:16 PM	70426
Pyrene	0.0819	0.0478		mg/Kg-dry	1	12/16/2020 4:16 PM	70426
Internal Quality Control Compounds							
SS: 2-Fluorobiphenyl	71.1	72.1-138	S	%Rec	1	12/16/2020 4:16 PM	70426
SS: 4-Terphenyl-d14	102	45.3-152		%Rec	1	12/16/2020 4:16 PM	70426
SS: Nitrobenzene-d5	123	62.6-144		%Rec	1	12/16/2020 4:16 PM	70426
PERCENT MOISTURE		Method: ASTM-D2216-Rev 2005				Analyst: STP	
Percent Moisture	16	1.0	c	wt%	1	12/16/2020 4:02 PM	R127728

Created: 12/21/2020 2:32:21 PM

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Laboratory Results

Client ID: CWM Company, Inc
Project Name: Q E Peoria Road

Report Date: December 21, 2020
Workorder: 2012B92

Client Sample ID: SA7A
Lab ID: 2012B92-005
Date Received: 12/14/2020 11:13 AM
Matrix: SOIL
Collection Date: 12/09/2020 3:00 PM

Parameter	Result	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS		Method: EPA-8260B-Rev 2, Dec-96				Analyst: RWM	
Benzene	15.3	3.13		mg/Kg-dry	9802.38	12/16/2020 4:45 PM	R127760
Ethylbenzene	157	12.5		mg/Kg-dry	9802.38	12/16/2020 4:45 PM	R127760
m,p-Xylene	614	25.1		mg/Kg-dry	9802.38	12/16/2020 4:45 PM	R127760
Methyl tert-butyl ether	ND	12.5		mg/Kg-dry	9802.38	12/16/2020 4:45 PM	R127760
o-Xylene	214	12.5		mg/Kg-dry	9802.38	12/16/2020 4:45 PM	R127760
Total Xylenes	829	25.1		mg/Kg-dry	9802.38	12/16/2020 4:45 PM	R127760
Toluene	586	12.5		mg/Kg-dry	9802.38	12/16/2020 4:45 PM	R127760
Internal Quality Control Compounds							
SS: 4-Bromofluorobenzene	99.4	80-130		%Rec	9802.38	12/16/2020 4:45 PM	R127760
SS: Dibromofluoromethane	104	76.1-120		%Rec	9802.38	12/16/2020 4:45 PM	R127760
SS: Toluene-d8	101	85-115		%Rec	9802.38	12/16/2020 4:45 PM	R127760
SEMIVOLATILE ORGANICS, BY GCMS SIM		Method: EPA-8270C-Rev 3, Dec-96				Analyst: ES	
Acenaphthene	ND	0.0505		mg/Kg-dry	1	12/16/2020 4:54 PM	70426
Acenaphthylene	ND	0.0505		mg/Kg-dry	1	12/16/2020 4:54 PM	70426
Anthracene	ND	0.0505		mg/Kg-dry	1	12/16/2020 4:54 PM	70426
Benzo(a)anthracene	ND	0.0505		mg/Kg-dry	1	12/16/2020 4:54 PM	70426
Benzo(a)pyrene	ND	0.0505		mg/Kg-dry	1	12/16/2020 4:54 PM	70426
Benzo(b)fluoranthene	ND	0.0505		mg/Kg-dry	1	12/16/2020 4:54 PM	70426
Benzo(g,h,i)perylene	ND	0.0505		mg/Kg-dry	1	12/16/2020 4:54 PM	70426
Benzo(k)fluoranthene	ND	0.0505		mg/Kg-dry	1	12/16/2020 4:54 PM	70426
Chrysene	ND	0.0505		mg/Kg-dry	1	12/16/2020 4:54 PM	70426
Dibenzo(a,h)anthracene	ND	0.0505		mg/Kg-dry	1	12/16/2020 4:54 PM	70426
Fluoranthene	ND	0.0505		mg/Kg-dry	1	12/16/2020 4:54 PM	70426
Fluorene	ND	0.0505		mg/Kg-dry	1	12/16/2020 4:54 PM	70426
Indeno(1,2,3-cd)pyrene	ND	0.0505		mg/Kg-dry	1	12/16/2020 4:54 PM	70426
Naphthalene	ND	0.0505		mg/Kg-dry	1	12/16/2020 4:54 PM	70426
Phenanthrene	ND	0.0505		mg/Kg-dry	1	12/16/2020 4:54 PM	70426
Pyrene	ND	0.0505		mg/Kg-dry	1	12/16/2020 4:54 PM	70426
Internal Quality Control Compounds							
SS: 2-Fluorobiphenyl	78.4	72.1-138		%Rec	1	12/16/2020 4:54 PM	70426
SS: 4-Terphenyl-d14	108	45.3-152		%Rec	1	12/16/2020 4:54 PM	70426
SS: Nitrobenzene-d5	96.5	62.6-144		%Rec	1	12/16/2020 4:54 PM	70426
PERCENT MOISTURE		Method: ASTM-D2216-Rev 2005				Analyst: STP	
Percent Moisture	22	1.0	c	wt%	1	12/16/2020 4:02 PM	R127728

Created: 12/21/2020 2:32:21 PM

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1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

Laboratory Results

Client ID: CWM Company, Inc
Project Name: Q E Peoria Road

Report Date: December 21, 2020
Workorder: 2012B92

Client Sample ID: SA8A
Lab ID: 2012B92-006
Date Received: 12/14/2020 11:13 AM

Matrix: SOIL
Collection Date: 12/09/2020 3:05 PM

Parameter	Result	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS		Method: EPA-8260B-Rev 2, Dec-96				Analyst: RWM	
Benzene	13.5	2.34		mg/Kg-dry	7403.24	12/16/2020 5:10 PM	R127760
Ethylbenzene	134	9.37		mg/Kg-dry	7403.24	12/16/2020 5:10 PM	R127760
m,p-Xylene	523	18.7		mg/Kg-dry	7403.24	12/16/2020 5:10 PM	R127760
Methyl tert-butyl ether	ND	9.37		mg/Kg-dry	7403.24	12/16/2020 5:10 PM	R127760
o-Xylene	188	9.37		mg/Kg-dry	7403.24	12/16/2020 5:10 PM	R127760
Total Xylenes	711	18.7		mg/Kg-dry	7403.24	12/16/2020 5:10 PM	R127760
Toluene	511	9.37		mg/Kg-dry	7403.24	12/16/2020 5:10 PM	R127760
Internal Quality Control Compounds							
SS: 4-Bromofluorobenzene	99.4	80-130		%Rec	7403.24	12/16/2020 5:10 PM	R127760
SS: Dibromofluoromethane	104	76.1-120		%Rec	7403.24	12/16/2020 5:10 PM	R127760
SS: Toluene-d8	101	85-115		%Rec	7403.24	12/16/2020 5:10 PM	R127760
SEMIVOLATILE ORGANICS, BY GCMS SIM		Method: EPA-8270C-Rev 3, Dec-96				Analyst: ES	
Acenaphthene	ND	0.0500		mg/Kg-dry	1	12/16/2020 5:32 PM	70426
Acenaphthylene	ND	0.0500		mg/Kg-dry	1	12/16/2020 5:32 PM	70426
Anthracene	ND	0.0500		mg/Kg-dry	1	12/16/2020 5:32 PM	70426
Benzo(a)anthracene	ND	0.0500		mg/Kg-dry	1	12/16/2020 5:32 PM	70426
Benzo(a)pyrene	ND	0.0500		mg/Kg-dry	1	12/16/2020 5:32 PM	70426
Benzo(b)fluoranthene	ND	0.0500		mg/Kg-dry	1	12/16/2020 5:32 PM	70426
Benzo(g,h,i)perylene	ND	0.0500		mg/Kg-dry	1	12/16/2020 5:32 PM	70426
Benzo(k)fluoranthene	ND	0.0500		mg/Kg-dry	1	12/16/2020 5:32 PM	70426
Chrysene	ND	0.0500		mg/Kg-dry	1	12/16/2020 5:32 PM	70426
Dibenzo(a,h)anthracene	ND	0.0500		mg/Kg-dry	1	12/16/2020 5:32 PM	70426
Fluoranthene	ND	0.0500		mg/Kg-dry	1	12/16/2020 5:32 PM	70426
Fluorene	ND	0.0500		mg/Kg-dry	1	12/16/2020 5:32 PM	70426
Indeno(1,2,3-cd)pyrene	ND	0.0500		mg/Kg-dry	1	12/16/2020 5:32 PM	70426
Naphthalene	ND	0.0500		mg/Kg-dry	1	12/16/2020 5:32 PM	70426
Phenanthrene	ND	0.0500		mg/Kg-dry	1	12/16/2020 5:32 PM	70426
Pyrene	ND	0.0500		mg/Kg-dry	1	12/16/2020 5:32 PM	70426
Internal Quality Control Compounds							
SS: 2-Fluorobiphenyl	79.9	72.1-138		%Rec	1	12/16/2020 5:32 PM	70426
SS: 4-Terphenyl-d14	108	45.3-152		%Rec	1	12/16/2020 5:32 PM	70426
SS: Nitrobenzene-d5	98.0	62.6-144		%Rec	1	12/16/2020 5:32 PM	70426
PERCENT MOISTURE		Method: ASTM-D2216-Rev 2005				Analyst: STP	
Percent Moisture	21	1.0	c	wt%	1	12/16/2020 4:02 PM	R127728

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Laboratory Results

Client ID: CWM Company, Inc
Project Name: Q E Peoria Road

Report Date: December 21, 2020
Workorder: 2012B92

Client Sample ID: SA9A
Lab ID: 2012B92-007
Date Received: 12/14/2020 11:13 AM

Matrix: SOIL
Collection Date: 12/09/2020 3:10 PM

Parameter	Result	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS		Method: EPA-8260B-Rev 2, Dec-96				Analyst: RWM	
Benzene	21.6	2.11		mg/Kg-dry	6833.03	12/16/2020 5:35 PM	R127760
Ethylbenzene	180	8.45		mg/Kg-dry	6833.03	12/16/2020 5:35 PM	R127760
m,p-Xylene	680	16.9		mg/Kg-dry	6833.03	12/16/2020 5:35 PM	R127760
Methyl tert-butyl ether	ND	8.45		mg/Kg-dry	6833.03	12/16/2020 5:35 PM	R127760
o-Xylene	236	8.45		mg/Kg-dry	6833.03	12/16/2020 5:35 PM	R127760
Total Xylenes	916	16.9		mg/Kg-dry	6833.03	12/16/2020 5:35 PM	R127760
Toluene	704	8.45		mg/Kg-dry	6833.03	12/16/2020 5:35 PM	R127760
Internal Quality Control Compounds							
SS: 4-Bromofluorobenzene	99.1	80-130		%Rec	6833.03	12/16/2020 5:35 PM	R127760
SS: Dibromofluoromethane	104	76.1-120		%Rec	6833.03	12/16/2020 5:35 PM	R127760
SS: Toluene-d8	99.7	85-115		%Rec	6833.03	12/16/2020 5:35 PM	R127760
SEMIVOLATILE ORGANICS, BY GCMS SIM		Method: EPA-8270C-Rev 3, Dec-96				Analyst: ES	
Acenaphthene	ND	0.0489		mg/Kg-dry	1	12/16/2020 6:10 PM	70426
Acenaphthylene	ND	0.0489		mg/Kg-dry	1	12/16/2020 6:10 PM	70426
Anthracene	ND	0.0489		mg/Kg-dry	1	12/16/2020 6:10 PM	70426
Benzo(a)anthracene	ND	0.0489		mg/Kg-dry	1	12/16/2020 6:10 PM	70426
Benzo(a)pyrene	ND	0.0489		mg/Kg-dry	1	12/16/2020 6:10 PM	70426
Benzo(b)fluoranthene	ND	0.0489		mg/Kg-dry	1	12/16/2020 6:10 PM	70426
Benzo(g,h,i)perylene	ND	0.0489		mg/Kg-dry	1	12/16/2020 6:10 PM	70426
Benzo(k)fluoranthene	ND	0.0489		mg/Kg-dry	1	12/16/2020 6:10 PM	70426
Chrysene	ND	0.0489		mg/Kg-dry	1	12/16/2020 6:10 PM	70426
Dibenzo(a,h)anthracene	ND	0.0489		mg/Kg-dry	1	12/16/2020 6:10 PM	70426
Fluoranthene	ND	0.0489		mg/Kg-dry	1	12/16/2020 6:10 PM	70426
Fluorene	ND	0.0489		mg/Kg-dry	1	12/16/2020 6:10 PM	70426
Indeno(1,2,3-cd)pyrene	ND	0.0489		mg/Kg-dry	1	12/16/2020 6:10 PM	70426
Naphthalene	ND	0.0489		mg/Kg-dry	1	12/16/2020 6:10 PM	70426
Phenanthrene	ND	0.0489		mg/Kg-dry	1	12/16/2020 6:10 PM	70426
Pyrene	ND	0.0489		mg/Kg-dry	1	12/16/2020 6:10 PM	70426
Internal Quality Control Compounds							
SS: 2-Fluorobiphenyl	75.8	72.1-138		%Rec	1	12/16/2020 6:10 PM	70426
SS: 4-Terphenyl-d14	105	45.3-152		%Rec	1	12/16/2020 6:10 PM	70426
SS: Nitrobenzene-d5	91.7	62.6-144		%Rec	1	12/16/2020 6:10 PM	70426
PERCENT MOISTURE		Method: ASTM-D2216-Rev 2005				Analyst: STP	
Percent Moisture	19	1.0	c	wt%	1	12/16/2020 4:02 PM	R127728

Created: 12/21/2020 2:32:22 PM

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Laboratory Results

Client ID: CWM Company, Inc
Project Name: Q E Peoria Road

Report Date: December 21, 2020
Workorder: 2012B92

Client Sample ID: SA10A
Lab ID: 2012B92-008
Date Received: 12/14/2020 11:13 AM
Matrix: SOIL
Collection Date: 12/09/2020 3:15 PM

Parameter	Result	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS		Method: EPA-8260B-Rev 2, Dec-96				Analyst: RWM	
Benzene	26.6	2.60		mg/Kg-dry	8154.21	12/16/2020 5:59 PM	R127760
Ethylbenzene	257	10.4		mg/Kg-dry	8154.21	12/16/2020 5:59 PM	R127760
m,p-Xylene	974	20.8		mg/Kg-dry	8154.21	12/16/2020 5:59 PM	R127760
Methyl tert-butyl ether	ND	10.4		mg/Kg-dry	8154.21	12/16/2020 5:59 PM	R127760
o-Xylene	341	10.4		mg/Kg-dry	8154.21	12/16/2020 5:59 PM	R127760
Total Xylenes	1,320	20.8		mg/Kg-dry	8154.21	12/16/2020 5:59 PM	R127760
Toluene	952	10.4		mg/Kg-dry	8154.21	12/16/2020 5:59 PM	R127760
Internal Quality Control Compounds							
SS: 4-Bromofluorobenzene	98.4	80-130		%Rec	8154.21	12/16/2020 5:59 PM	R127760
SS: Dibromofluoromethane	104	76.1-120		%Rec	8154.21	12/16/2020 5:59 PM	R127760
SS: Toluene-d8	99.1	85-115		%Rec	8154.21	12/16/2020 5:59 PM	R127760
SEMIVOLATILE ORGANICS, BY GCMS SIM		Method: EPA-8270C-Rev 3, Dec-96				Analyst: ES	
Acenaphthene	ND	0.0508		mg/Kg-dry	1	12/16/2020 6:48 PM	70426
Acenaphthylene	ND	0.0508		mg/Kg-dry	1	12/16/2020 6:48 PM	70426
Anthracene	ND	0.0508		mg/Kg-dry	1	12/16/2020 6:48 PM	70426
Benzo(a)anthracene	ND	0.0508		mg/Kg-dry	1	12/16/2020 6:48 PM	70426
Benzo(a)pyrene	ND	0.0508		mg/Kg-dry	1	12/16/2020 6:48 PM	70426
Benzo(b)fluoranthene	ND	0.0508		mg/Kg-dry	1	12/16/2020 6:48 PM	70426
Benzo(g,h,i)perylene	ND	0.0508		mg/Kg-dry	1	12/16/2020 6:48 PM	70426
Benzo(k)fluoranthene	ND	0.0508		mg/Kg-dry	1	12/16/2020 6:48 PM	70426
Chrysene	ND	0.0508		mg/Kg-dry	1	12/16/2020 6:48 PM	70426
Dibenzo(a,h)anthracene	ND	0.0508		mg/Kg-dry	1	12/16/2020 6:48 PM	70426
Fluoranthene	ND	0.0508		mg/Kg-dry	1	12/16/2020 6:48 PM	70426
Fluorene	ND	0.0508		mg/Kg-dry	1	12/16/2020 6:48 PM	70426
Indeno(1,2,3-cd)pyrene	ND	0.0508		mg/Kg-dry	1	12/16/2020 6:48 PM	70426
Naphthalene	ND	0.0508		mg/Kg-dry	1	12/16/2020 6:48 PM	70426
Phenanthrene	ND	0.0508		mg/Kg-dry	1	12/16/2020 6:48 PM	70426
Pyrene	ND	0.0508		mg/Kg-dry	1	12/16/2020 6:48 PM	70426
Internal Quality Control Compounds							
SS: 2-Fluorobiphenyl	78.3	72.1-138		%Rec	1	12/16/2020 6:48 PM	70426
SS: 4-Terphenyl-d14	113	45.3-152		%Rec	1	12/16/2020 6:48 PM	70426
SS: Nitrobenzene-d5	101	62.6-144		%Rec	1	12/16/2020 6:48 PM	70426
PERCENT MOISTURE		Method: ASTM-D2216-Rev 2005				Analyst: STP	
Percent Moisture	22	1.0	c	wt%	1	12/16/2020 4:02 PM	R127728

Created: 12/21/2020 2:32:23 PM

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Laboratory Results

Client ID: CWM Company, Inc
Project Name: Q E Peoria Road

Report Date: December 21, 2020
Workorder: 2012B92

Client Sample ID: SA11A
Lab ID: 2012B92-009
Date Received: 12/14/2020 11:13 AM

Matrix: SOIL
Collection Date: 12/09/2020 3:20 PM

Parameter	Result	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS		Method: EPA-8260B-Rev 2, Dec-96				Analyst: RWM	
Benzene	55.4	2.83		mg/Kg-dry	8757.79	12/16/2020 6:24 PM	R127760
Ethylbenzene	512	11.3		mg/Kg-dry	8757.79	12/16/2020 6:24 PM	R127760
m,p-Xylene	1,840	22.6		mg/Kg-dry	8757.79	12/16/2020 6:24 PM	R127760
Methyl tert-butyl ether	ND	11.3		mg/Kg-dry	8757.79	12/16/2020 6:24 PM	R127760
o-Xylene	682	11.3		mg/Kg-dry	8757.79	12/16/2020 6:24 PM	R127760
Total Xylenes	2,520	22.6		mg/Kg-dry	8757.79	12/16/2020 6:24 PM	R127760
Toluene	1,820	11.3		mg/Kg-dry	8757.79	12/16/2020 6:24 PM	R127760
Internal Quality Control Compounds							
SS: 4-Bromofluorobenzene	98.4	80-130		%Rec	8757.79	12/16/2020 6:24 PM	R127760
SS: Dibromofluoromethane	106	76.1-120		%Rec	8757.79	12/16/2020 6:24 PM	R127760
SS: Toluene-d8	98.9	85-115		%Rec	8757.79	12/16/2020 6:24 PM	R127760
SEMIVOLATILE ORGANICS, BY GCMS SIM		Method: EPA-8270C-Rev 3, Dec-96				Analyst: ES	
Acenaphthene	ND	0.0508		mg/Kg-dry	1	12/16/2020 7:26 PM	70426
Acenaphthylene	ND	0.0508		mg/Kg-dry	1	12/16/2020 7:26 PM	70426
Anthracene	ND	0.0508		mg/Kg-dry	1	12/16/2020 7:26 PM	70426
Benzo(a)anthracene	ND	0.0508		mg/Kg-dry	1	12/16/2020 7:26 PM	70426
Benzo(a)pyrene	ND	0.0508		mg/Kg-dry	1	12/16/2020 7:26 PM	70426
Benzo(b)fluoranthene	ND	0.0508		mg/Kg-dry	1	12/16/2020 7:26 PM	70426
Benzo(g,h,i)perylene	ND	0.0508		mg/Kg-dry	1	12/16/2020 7:26 PM	70426
Benzo(k)fluoranthene	ND	0.0508		mg/Kg-dry	1	12/16/2020 7:26 PM	70426
Chrysene	ND	0.0508		mg/Kg-dry	1	12/16/2020 7:26 PM	70426
Dibenzo(a,h)anthracene	ND	0.0508		mg/Kg-dry	1	12/16/2020 7:26 PM	70426
Fluoranthene	ND	0.0508		mg/Kg-dry	1	12/16/2020 7:26 PM	70426
Fluorene	ND	0.0508		mg/Kg-dry	1	12/16/2020 7:26 PM	70426
Indeno(1,2,3-cd)pyrene	ND	0.0508		mg/Kg-dry	1	12/16/2020 7:26 PM	70426
Naphthalene	ND	0.0508		mg/Kg-dry	1	12/16/2020 7:26 PM	70426
Phenanthrene	ND	0.0508		mg/Kg-dry	1	12/16/2020 7:26 PM	70426
Pyrene	ND	0.0508		mg/Kg-dry	1	12/16/2020 7:26 PM	70426
Internal Quality Control Compounds							
SS: 2-Fluorobiphenyl	79.6	72.1-138		%Rec	1	12/16/2020 7:26 PM	70426
SS: 4-Terphenyl-d14	110	45.3-152		%Rec	1	12/16/2020 7:26 PM	70426
SS: Nitrobenzene-d5	101	62.6-144		%Rec	1	12/16/2020 7:26 PM	70426
PERCENT MOISTURE		Method: ASTM-D2216-Rev 2005				Analyst: STP	
Percent Moisture	23	1.0	c	wt%	1	12/16/2020 4:02 PM	R127728

Created: 12/21/2020 2:32:23 PM

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Laboratory Results

Client ID: CWM Company, Inc
Project Name: Q E Peoria Road

Report Date: December 21, 2020
Workorder: 2012B92

Client Sample ID: SA12A
Lab ID: 2012B92-010
Date Received: 12/14/2020 11:13 AM

Matrix: SOIL
Collection Date: 12/09/2020 3:25 PM

Parameter	Result	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS		Method: EPA-8260B-Rev 2, Dec-96				Analyst: RWM	
Benzene	33.3	2.15		mg/Kg-dry	6873.7	12/16/2020 6:49 PM	R127760
Ethylbenzene	307	8.61		mg/Kg-dry	6873.7	12/16/2020 6:49 PM	R127760
m,p-Xylene	1,130	17.2		mg/Kg-dry	6873.7	12/16/2020 6:49 PM	R127760
Methyl tert-butyl ether	ND	8.61		mg/Kg-dry	6873.7	12/16/2020 6:49 PM	R127760
o-Xylene	413	8.61		mg/Kg-dry	6873.7	12/16/2020 6:49 PM	R127760
Total Xylenes	1,540	17.2		mg/Kg-dry	6873.7	12/16/2020 6:49 PM	R127760
Toluene	1,140	8.61		mg/Kg-dry	6873.7	12/16/2020 6:49 PM	R127760
Internal Quality Control Compounds							
SS: 4-Bromofluorobenzene	98.5	80-130		%Rec	6873.7	12/16/2020 6:49 PM	R127760
SS: Dibromofluoromethane	104	76.1-120		%Rec	6873.7	12/16/2020 6:49 PM	R127760
SS: Toluene-d8	99.3	85-115		%Rec	6873.7	12/16/2020 6:49 PM	R127760
SEMIVOLATILE ORGANICS, BY GCMS SIM		Method: EPA-8270C-Rev 3, Dec-96				Analyst: ES	
Acenaphthene	ND	0.0499		mg/Kg-dry	1	12/16/2020 8:04 PM	70426
Acenaphthylene	ND	0.0499		mg/Kg-dry	1	12/16/2020 8:04 PM	70426
Anthracene	ND	0.0499		mg/Kg-dry	1	12/16/2020 8:04 PM	70426
Benzo(a)anthracene	ND	0.0499		mg/Kg-dry	1	12/16/2020 8:04 PM	70426
Benzo(a)pyrene	ND	0.0499		mg/Kg-dry	1	12/16/2020 8:04 PM	70426
Benzo(b)fluoranthene	ND	0.0499		mg/Kg-dry	1	12/16/2020 8:04 PM	70426
Benzo(g,h,i)perylene	ND	0.0499		mg/Kg-dry	1	12/16/2020 8:04 PM	70426
Benzo(k)fluoranthene	ND	0.0499		mg/Kg-dry	1	12/16/2020 8:04 PM	70426
Chrysene	ND	0.0499		mg/Kg-dry	1	12/16/2020 8:04 PM	70426
Dibenzo(a,h)anthracene	ND	0.0499		mg/Kg-dry	1	12/16/2020 8:04 PM	70426
Fluoranthene	ND	0.0499		mg/Kg-dry	1	12/16/2020 8:04 PM	70426
Fluorene	ND	0.0499		mg/Kg-dry	1	12/16/2020 8:04 PM	70426
Indeno(1,2,3-cd)pyrene	ND	0.0499		mg/Kg-dry	1	12/16/2020 8:04 PM	70426
Naphthalene	ND	0.0499		mg/Kg-dry	1	12/16/2020 8:04 PM	70426
Phenanthrene	ND	0.0499		mg/Kg-dry	1	12/16/2020 8:04 PM	70426
Pyrene	ND	0.0499		mg/Kg-dry	1	12/16/2020 8:04 PM	70426
Internal Quality Control Compounds							
SS: 2-Fluorobiphenyl	79.7	72.1-138		%Rec	1	12/16/2020 8:04 PM	70426
SS: 4-Terphenyl-d14	109	45.3-152		%Rec	1	12/16/2020 8:04 PM	70426
SS: Nitrobenzene-d5	101	62.6-144		%Rec	1	12/16/2020 8:04 PM	70426
PERCENT MOISTURE		Method: ASTM-D2216-Rev 2005				Analyst: STP	
Percent Moisture	20	1.0	c	wt%	1	12/16/2020 4:02 PM	R127728

Created: 12/21/2020 2:32:24 PM

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Laboratory Results

Client ID: CWM Company, Inc
Project Name: Q E Peoria Road

Report Date: December 21, 2020
Workorder: 2012B92

Client Sample ID: SA3B
Lab ID: 2012B92-011 **Date Received:** 12/14/2020 11:13 AM

Matrix: SOIL
Collection Date: 12/09/2020 3:30 PM

Parameter	Result	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS		Method: EPA-8260B-Rev 2, Dec-96				Analyst: RWM	
Benzene	43.0	2.46		mg/Kg-dry	8077.41	12/16/2020 7:14 PM	R127760
Ethylbenzene	355	9.86		mg/Kg-dry	8077.41	12/16/2020 7:14 PM	R127760
m,p-Xylene	1,310	19.7		mg/Kg-dry	8077.41	12/16/2020 7:14 PM	R127760
Methyl tert-butyl ether	ND	9.86		mg/Kg-dry	8077.41	12/16/2020 7:14 PM	R127760
o-Xylene	469	9.86		mg/Kg-dry	8077.41	12/16/2020 7:14 PM	R127760
Total Xylenes	1,780	19.7		mg/Kg-dry	8077.41	12/16/2020 7:14 PM	R127760
Toluene	1,330	9.86		mg/Kg-dry	8077.41	12/16/2020 7:14 PM	R127760
Internal Quality Control Compounds							
SS: 4-Bromofluorobenzene	99.2	80-130		%Rec	8077.41	12/16/2020 7:14 PM	R127760
SS: Dibromofluoromethane	106	76.1-120		%Rec	8077.41	12/16/2020 7:14 PM	R127760
SS: Toluene-d8	99.1	85-115		%Rec	8077.41	12/16/2020 7:14 PM	R127760
SEMIVOLATILE ORGANICS, BY GCMS SIM		Method: EPA-8270C-Rev 3, Dec-96				Analyst: ES	
Acenaphthene	ND	0.0480		mg/Kg-dry	1	12/16/2020 8:41 PM	70426
Acenaphthylene	ND	0.0480		mg/Kg-dry	1	12/16/2020 8:41 PM	70426
Anthracene	ND	0.0480		mg/Kg-dry	1	12/16/2020 8:41 PM	70426
Benzo(a)anthracene	ND	0.0480		mg/Kg-dry	1	12/16/2020 8:41 PM	70426
Benzo(a)pyrene	ND	0.0480		mg/Kg-dry	1	12/16/2020 8:41 PM	70426
Benzo(b)fluoranthene	ND	0.0480		mg/Kg-dry	1	12/16/2020 8:41 PM	70426
Benzo(g,h,i)perylene	ND	0.0480		mg/Kg-dry	1	12/16/2020 8:41 PM	70426
Benzo(k)fluoranthene	ND	0.0480		mg/Kg-dry	1	12/16/2020 8:41 PM	70426
Chrysene	ND	0.0480		mg/Kg-dry	1	12/16/2020 8:41 PM	70426
Dibenzo(a,h)anthracene	ND	0.0480		mg/Kg-dry	1	12/16/2020 8:41 PM	70426
Fluoranthene	ND	0.0480		mg/Kg-dry	1	12/16/2020 8:41 PM	70426
Fluorene	ND	0.0480		mg/Kg-dry	1	12/16/2020 8:41 PM	70426
Indeno(1,2,3-cd)pyrene	ND	0.0480		mg/Kg-dry	1	12/16/2020 8:41 PM	70426
Naphthalene	0.202	0.0480		mg/Kg-dry	1	12/16/2020 8:41 PM	70426
Phenanthrene	ND	0.0480		mg/Kg-dry	1	12/16/2020 8:41 PM	70426
Pyrene	ND	0.0480		mg/Kg-dry	1	12/16/2020 8:41 PM	70426
Internal Quality Control Compounds							
SS: 2-Fluorobiphenyl	80.8	72.1-138		%Rec	1	12/16/2020 8:41 PM	70426
SS: 4-Terphenyl-d14	112	45.3-152		%Rec	1	12/16/2020 8:41 PM	70426
SS: Nitrobenzene-d5	94.7	62.6-144		%Rec	1	12/16/2020 8:41 PM	70426
PERCENT MOISTURE		Method: ASTM-D2216-Rev 2005				Analyst: STP	
Percent Moisture	18	1.0	c	wt%	1	12/16/2020 4:02 PM	R127728

Created: 12/21/2020 2:32:25 PM

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Laboratory Results

Client ID: CWM Company, Inc
Project Name: Q E Peoria Road

Report Date: December 21, 2020
Workorder: 2012B92

Client Sample ID: SA4B
Lab ID: 2012B92-012
Date Received: 12/14/2020 11:13 AM

Matrix: SOIL
Collection Date: 12/09/2020 3:35 PM

Parameter	Result	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS		Method: EPA-8260B-Rev 2, Dec-96				Analyst: RWM	
Benzene	95.7	2.59		mg/Kg-dry	8401.67	12/16/2020 7:39 PM	R127760
Ethylbenzene	769	10.4		mg/Kg-dry	8401.67	12/16/2020 7:39 PM	R127760
m,p-Xylene	2,530	20.7		mg/Kg-dry	8401.67	12/16/2020 7:39 PM	R127760
Methyl tert-butyl ether	ND	10.4		mg/Kg-dry	8401.67	12/16/2020 7:39 PM	R127760
o-Xylene	993	10.4		mg/Kg-dry	8401.67	12/16/2020 7:39 PM	R127760
Total Xylenes	3,520	20.7		mg/Kg-dry	8401.67	12/16/2020 7:39 PM	R127760
Toluene	3,060	20.7		mg/Kg-dry	16803.33	12/17/2020 1:23 PM	R127808
Internal Quality Control Compounds							
SS: 4-Bromofluorobenzene	98.1	80-130		%Rec	8401.67	12/16/2020 7:39 PM	R127760
SS: Dibromofluoromethane	106	76.1-120		%Rec	8401.67	12/16/2020 7:39 PM	R127760
SS: Toluene-d8	98.3	85-115		%Rec	8401.67	12/16/2020 7:39 PM	R127760
SEMIVOLATILE ORGANICS, BY GCMS SIM		Method: EPA-8270C-Rev 3, Dec-96				Analyst: ES	
Acenaphthene	ND	0.0494		mg/Kg-dry	1	12/16/2020 9:19 PM	70426
Acenaphthylene	ND	0.0494		mg/Kg-dry	1	12/16/2020 9:19 PM	70426
Anthracene	ND	0.0494		mg/Kg-dry	1	12/16/2020 9:19 PM	70426
Benzo(a)anthracene	ND	0.0494		mg/Kg-dry	1	12/16/2020 9:19 PM	70426
Benzo(a)pyrene	ND	0.0494		mg/Kg-dry	1	12/16/2020 9:19 PM	70426
Benzo(b)fluoranthene	ND	0.0494		mg/Kg-dry	1	12/16/2020 9:19 PM	70426
Benzo(g,h,i)perylene	ND	0.0494		mg/Kg-dry	1	12/16/2020 9:19 PM	70426
Benzo(k)fluoranthene	ND	0.0494		mg/Kg-dry	1	12/16/2020 9:19 PM	70426
Chrysene	ND	0.0494		mg/Kg-dry	1	12/16/2020 9:19 PM	70426
Dibenzo(a,h)anthracene	ND	0.0494		mg/Kg-dry	1	12/16/2020 9:19 PM	70426
Fluoranthene	ND	0.0494		mg/Kg-dry	1	12/16/2020 9:19 PM	70426
Fluorene	ND	0.0494		mg/Kg-dry	1	12/16/2020 9:19 PM	70426
Indeno(1,2,3-cd)pyrene	ND	0.0494		mg/Kg-dry	1	12/16/2020 9:19 PM	70426
Naphthalene	0.291	0.0494		mg/Kg-dry	1	12/16/2020 9:19 PM	70426
Phenanthrene	ND	0.0494		mg/Kg-dry	1	12/16/2020 9:19 PM	70426
Pyrene	ND	0.0494		mg/Kg-dry	1	12/16/2020 9:19 PM	70426
Internal Quality Control Compounds							
SS: 2-Fluorobiphenyl	75.4	72.1-138		%Rec	1	12/16/2020 9:19 PM	70426
SS: 4-Terphenyl-d14	108	45.3-152		%Rec	1	12/16/2020 9:19 PM	70426
SS: Nitrobenzene-d5	93.1	62.6-144		%Rec	1	12/16/2020 9:19 PM	70426
PERCENT MOISTURE		Method: ASTM-D2216-Rev 2005				Analyst: STP	
Percent Moisture	19	1.0	c	wt%	1	12/16/2020 4:02 PM	R127728

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Laboratory Results

Client ID: CWM Company, Inc
Project Name: Q E Peoria Road

Report Date: December 21, 2020
Workorder: 2012B92

Client Sample ID: SA5B
Lab ID: 2012B92-013
Date Received: 12/14/2020 11:13 AM
Matrix: SOIL
Collection Date: 12/09/2020 3:40 PM

Parameter	Result	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS		Method: EPA-8260B-Rev 2, Dec-96				Analyst: RWM	
Benzene	79.9	3.41		mg/Kg-dry	10687.64	12/16/2020 8:04 PM	R127760
Ethylbenzene	698	13.6		mg/Kg-dry	10687.64	12/16/2020 8:04 PM	R127760
m,p-Xylene	2,470	27.3		mg/Kg-dry	10687.64	12/16/2020 8:04 PM	R127760
Methyl tert-butyl ether	ND	13.6		mg/Kg-dry	10687.64	12/16/2020 8:04 PM	R127760
o-Xylene	915	13.6		mg/Kg-dry	10687.64	12/16/2020 8:04 PM	R127760
Total Xylenes	3,380	27.3		mg/Kg-dry	10687.64	12/16/2020 8:04 PM	R127760
Toluene	2,090	13.6		mg/Kg-dry	10687.64	12/17/2020 1:48 PM	R127808
Internal Quality Control Compounds							
SS: 4-Bromofluorobenzene	98.0	80-130		%Rec	10687.64	12/16/2020 8:04 PM	R127760
SS: Dibromofluoromethane	106	76.1-120		%Rec	10687.64	12/16/2020 8:04 PM	R127760
SS: Toluene-d8	98.2	85-115		%Rec	10687.64	12/16/2020 8:04 PM	R127760
SEMIVOLATILE ORGANICS, BY GCMS SIM		Method: EPA-8270C-Rev 3, Dec-96				Analyst: ES	
Acenaphthene	ND	0.0500		mg/Kg-dry	1	12/16/2020 9:56 PM	70426
Acenaphthylene	ND	0.0500		mg/Kg-dry	1	12/16/2020 9:56 PM	70426
Anthracene	ND	0.0500		mg/Kg-dry	1	12/16/2020 9:56 PM	70426
Benzo(a)anthracene	ND	0.0500		mg/Kg-dry	1	12/16/2020 9:56 PM	70426
Benzo(a)pyrene	ND	0.0500		mg/Kg-dry	1	12/16/2020 9:56 PM	70426
Benzo(b)fluoranthene	ND	0.0500		mg/Kg-dry	1	12/16/2020 9:56 PM	70426
Benzo(g,h,i)perylene	ND	0.0500		mg/Kg-dry	1	12/16/2020 9:56 PM	70426
Benzo(k)fluoranthene	ND	0.0500		mg/Kg-dry	1	12/16/2020 9:56 PM	70426
Chrysene	ND	0.0500		mg/Kg-dry	1	12/16/2020 9:56 PM	70426
Dibenzo(a,h)anthracene	ND	0.0500		mg/Kg-dry	1	12/16/2020 9:56 PM	70426
Fluoranthene	ND	0.0500		mg/Kg-dry	1	12/16/2020 9:56 PM	70426
Fluorene	ND	0.0500		mg/Kg-dry	1	12/16/2020 9:56 PM	70426
Indeno(1,2,3-cd)pyrene	ND	0.0500		mg/Kg-dry	1	12/16/2020 9:56 PM	70426
Naphthalene	ND	0.0500		mg/Kg-dry	1	12/16/2020 9:56 PM	70426
Phenanthrene	ND	0.0500		mg/Kg-dry	1	12/16/2020 9:56 PM	70426
Pyrene	ND	0.0500		mg/Kg-dry	1	12/16/2020 9:56 PM	70426
Internal Quality Control Compounds							
SS: 2-Fluorobiphenyl	79.1	72.1-138		%Rec	1	12/16/2020 9:56 PM	70426
SS: 4-Terphenyl-d14	110	45.3-152		%Rec	1	12/16/2020 9:56 PM	70426
SS: Nitrobenzene-d5	94.3	62.6-144		%Rec	1	12/16/2020 9:56 PM	70426
PERCENT MOISTURE		Method: ASTM-D2216-Rev 2005				Analyst: STP	
Percent Moisture	22	1.0	c	wt%	1	12/16/2020 4:02 PM	R127728

Created: 12/21/2020 2:32:26 PM

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Laboratory Results

Client ID: CWM Company, Inc
Project Name: Q E Peoria Road

Report Date: December 21, 2020
Workorder: 2012B92

Client Sample ID: SA6B
Lab ID: 2012B92-014
Date Received: 12/14/2020 11:13 AM

Matrix: SOIL
Collection Date: 12/09/2020 3:45 PM

Parameter	Result	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS		Method: EPA-8260B-Rev 2, Dec-96				Analyst: RWM	
Benzene	43.6	2.82		mg/Kg-dry	8985.69	12/16/2020 8:28 PM	R127760
Ethylbenzene	347	11.3		mg/Kg-dry	8985.69	12/16/2020 8:28 PM	R127760
m,p-Xylene	1,270	22.5		mg/Kg-dry	8985.69	12/16/2020 8:28 PM	R127760
Methyl tert-butyl ether	ND	11.3		mg/Kg-dry	8985.69	12/16/2020 8:28 PM	R127760
o-Xylene	459	11.3		mg/Kg-dry	8985.69	12/16/2020 8:28 PM	R127760
Total Xylenes	1,730	22.5		mg/Kg-dry	8985.69	12/16/2020 8:28 PM	R127760
Toluene	1,370	11.3		mg/Kg-dry	8985.69	12/16/2020 8:28 PM	R127760
Internal Quality Control Compounds							
SS: 4-Bromofluorobenzene	98.8	80-130		%Rec	8985.69	12/16/2020 8:28 PM	R127760
SS: Dibromofluoromethane	105	76.1-120		%Rec	8985.69	12/16/2020 8:28 PM	R127760
SS: Toluene-d8	100	85-115		%Rec	8985.69	12/16/2020 8:28 PM	R127760
SEMIVOLATILE ORGANICS, BY GCMS SIM		Method: EPA-8270C-Rev 3, Dec-96				Analyst: ES	
Acenaphthene	ND	0.0499		mg/Kg-dry	1	12/16/2020 10:33 PM	70426
Acenaphthylene	ND	0.0499		mg/Kg-dry	1	12/16/2020 10:33 PM	70426
Anthracene	ND	0.0499		mg/Kg-dry	1	12/16/2020 10:33 PM	70426
Benzo(a)anthracene	ND	0.0499		mg/Kg-dry	1	12/16/2020 10:33 PM	70426
Benzo(a)pyrene	ND	0.0499		mg/Kg-dry	1	12/16/2020 10:33 PM	70426
Benzo(b)fluoranthene	ND	0.0499		mg/Kg-dry	1	12/16/2020 10:33 PM	70426
Benzo(g,h,i)perylene	ND	0.0499		mg/Kg-dry	1	12/16/2020 10:33 PM	70426
Benzo(k)fluoranthene	ND	0.0499		mg/Kg-dry	1	12/16/2020 10:33 PM	70426
Chrysene	ND	0.0499		mg/Kg-dry	1	12/16/2020 10:33 PM	70426
Dibenzo(a,h)anthracene	ND	0.0499		mg/Kg-dry	1	12/16/2020 10:33 PM	70426
Fluoranthene	ND	0.0499		mg/Kg-dry	1	12/16/2020 10:33 PM	70426
Fluorene	ND	0.0499		mg/Kg-dry	1	12/16/2020 10:33 PM	70426
Indeno(1,2,3-cd)pyrene	ND	0.0499		mg/Kg-dry	1	12/16/2020 10:33 PM	70426
Naphthalene	ND	0.0499		mg/Kg-dry	1	12/16/2020 10:33 PM	70426
Phenanthrene	ND	0.0499		mg/Kg-dry	1	12/16/2020 10:33 PM	70426
Pyrene	ND	0.0499		mg/Kg-dry	1	12/16/2020 10:33 PM	70426
Internal Quality Control Compounds							
SS: 2-Fluorobiphenyl	78.5	72.1-138		%Rec	1	12/16/2020 10:33 PM	70426
SS: 4-Terphenyl-d14	106	45.3-152		%Rec	1	12/16/2020 10:33 PM	70426
SS: Nitrobenzene-d5	94.2	62.6-144		%Rec	1	12/16/2020 10:33 PM	70426
PERCENT MOISTURE		Method: ASTM-D2216-Rev 2005				Analyst: STP	
Percent Moisture	20	1.0	c	wt%	1	12/16/2020 4:02 PM	R127728

Created: 12/21/2020 2:32:26 PM

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Laboratory Results

Client ID: CWM Company, Inc
Project Name: Q E Peoria Road

Report Date: December 21, 2020
Workorder: 2012B92

Client Sample ID: SA13
Lab ID: 2012B92-015

Date Received: 12/14/2020 11:13 AM

Matrix: SOIL
Collection Date: 12/11/2020 7:10 AM

Parameter	Result	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS		Method: EPA-8260B-Rev 2, Dec-96				Analyst: RWM	
Benzene	ND	0.0121		mg/Kg-dry	38.64	12/17/2020 2:13 PM	R127808
Ethylbenzene	ND	0.0482		mg/Kg-dry	38.64	12/17/2020 2:13 PM	R127808
m,p-Xylene	ND	0.0965		mg/Kg-dry	38.64	12/17/2020 2:13 PM	R127808
Methyl-tert-butyl ether	ND	0.0482		mg/Kg-dry	38.64	12/17/2020 2:13 PM	R127808
o-Xylene	ND	0.0482		mg/Kg-dry	38.64	12/17/2020 2:13 PM	R127808
Total Xylenes	ND	0.0965		mg/Kg-dry	38.64	12/17/2020 2:13 PM	R127808
Toluene	ND	0.0482		mg/Kg-dry	38.64	12/17/2020 2:13 PM	R127808
Internal Quality Control Compounds							
SS: 4-Bromofluorobenzene	114	80-130		%Rec	38.64	12/17/2020 2:13 PM	R127808
SS: Dibromofluoromethane	98.1	76.1-120		%Rec	38.64	12/17/2020 2:13 PM	R127808
SS: Toluene-d8	101	85-115		%Rec	38.64	12/17/2020 2:13 PM	R127808
SEMIVOLATILE ORGANICS, BY GCMS SIM		Method: EPA-8270C-Rev 3, Dec-96				Analyst: ES	
Acenaphthene	ND	0.0496		mg/Kg-dry	1	12/16/2020 11:11 PM	70426
Acenaphthylene	ND	0.0496		mg/Kg-dry	1	12/16/2020 11:11 PM	70426
Anthracene	ND	0.0496		mg/Kg-dry	1	12/16/2020 11:11 PM	70426
Benzo(a)anthracene	ND	0.0496		mg/Kg-dry	1	12/16/2020 11:11 PM	70426
Benzo(a)pyrene	ND	0.0496		mg/Kg-dry	1	12/16/2020 11:11 PM	70426
Benzo(b)fluoranthene	ND	0.0496		mg/Kg-dry	1	12/16/2020 11:11 PM	70426
Benzo(g,h,i)perylene	ND	0.0496		mg/Kg-dry	1	12/16/2020 11:11 PM	70426
Benzo(k)fluoranthene	ND	0.0496		mg/Kg-dry	1	12/16/2020 11:11 PM	70426
Chrysene	ND	0.0496		mg/Kg-dry	1	12/16/2020 11:11 PM	70426
Dibenzo(a,h)anthracene	ND	0.0496		mg/Kg-dry	1	12/16/2020 11:11 PM	70426
Fluoranthene	ND	0.0496		mg/Kg-dry	1	12/16/2020 11:11 PM	70426
Fluorene	ND	0.0496		mg/Kg-dry	1	12/16/2020 11:11 PM	70426
Indeno(1,2,3-cd)pyrene	ND	0.0496		mg/Kg-dry	1	12/16/2020 11:11 PM	70426
Naphthalene	ND	0.0496		mg/Kg-dry	1	12/16/2020 11:11 PM	70426
Phenanthrene	ND	0.0496		mg/Kg-dry	1	12/16/2020 11:11 PM	70426
Pyrene	ND	0.0496		mg/Kg-dry	1	12/16/2020 11:11 PM	70426
Internal Quality Control Compounds							
SS: 2-Fluorobiphenyl	80.1	72.1-138		%Rec	1	12/16/2020 11:11 PM	70426
SS: 4-Terphenyl-d14	114	45.3-152		%Rec	1	12/16/2020 11:11 PM	70426
SS: Nitrobenzene-d5	95.1	62.6-144		%Rec	1	12/16/2020 11:11 PM	70426
PERCENT MOISTURE		Method: ASTM-D2216-Rev 2005				Analyst: STP	
Percent Moisture	20	1.0	c	wt%	1	12/16/2020 4:02 PM	R127728

Created: 12/21/2020 2:32:27 PM

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Laboratory Results

Client ID: CWM Company, Inc
Project Name: Q E Peoria Road

Report Date: December 21, 2020
Workorder: 2012B92

Client Sample ID: SA14
Lab ID: 2012B92-016
Date Received: 12/14/2020 11:13 AM
Matrix: SOIL
Collection Date: 12/11/2020 7:20 AM

Parameter	Result	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS		Method: EPA-8260B-Rev 2, Dec-96				Analyst: RWM	
Benzene	ND	0.0149		mg/Kg-dry	47.86	12/17/2020 2:50 PM	R127808
Ethylbenzene	ND	0.0598		mg/Kg-dry	47.86	12/17/2020 2:50 PM	R127808
m,p-Xylene	ND	0.120		mg/Kg-dry	47.86	12/17/2020 2:50 PM	R127808
Methyl tert-butyl ether	ND	0.0598		mg/Kg-dry	47.86	12/17/2020 2:50 PM	R127808
o-Xylene	ND	0.0598		mg/Kg-dry	47.86	12/17/2020 2:50 PM	R127808
Total Xylenes	ND	0.120		mg/Kg-dry	47.86	12/17/2020 2:50 PM	R127808
Toluene	0.0831	0.0598		mg/Kg-dry	47.86	12/17/2020 2:50 PM	R127808
Internal Quality Control Compounds							
SS: 4-Bromofluorobenzene	112	80-130		%Rec	47.86	12/17/2020 2:50 PM	R127808
SS: Dibromofluoromethane	99.0	76.1-120		%Rec	47.86	12/17/2020 2:50 PM	R127808
SS: Toluene-d8	101	85-115		%Rec	47.86	12/17/2020 2:50 PM	R127808
SEMIVOLATILE ORGANICS, BY GCMS SIM		Method: EPA-8270C-Rev 3, Dec-96				Analyst: ES	
Acenaphthene	ND	0.0490		mg/Kg-dry	1	12/16/2020 11:48 PM	70426
Acenaphthylene	ND	0.0490		mg/Kg-dry	1	12/16/2020 11:48 PM	70426
Anthracene	ND	0.0490		mg/Kg-dry	1	12/16/2020 11:48 PM	70426
Benzo(a)anthracene	ND	0.0490		mg/Kg-dry	1	12/16/2020 11:48 PM	70426
Benzo(a)pyrene	ND	0.0490		mg/Kg-dry	1	12/16/2020 11:48 PM	70426
Benzo(b)fluoranthene	ND	0.0490		mg/Kg-dry	1	12/16/2020 11:48 PM	70426
Benzo(g,h,i)perylene	ND	0.0490		mg/Kg-dry	1	12/16/2020 11:48 PM	70426
Benzo(k)fluoranthene	ND	0.0490		mg/Kg-dry	1	12/16/2020 11:48 PM	70426
Chrysene	ND	0.0490		mg/Kg-dry	1	12/16/2020 11:48 PM	70426
Dibenzo(a,h)anthracene	ND	0.0490		mg/Kg-dry	1	12/16/2020 11:48 PM	70426
Fluoranthene	ND	0.0490		mg/Kg-dry	1	12/16/2020 11:48 PM	70426
Fluorene	ND	0.0490		mg/Kg-dry	1	12/16/2020 11:48 PM	70426
Indeno(1,2,3-cd)pyrene	ND	0.0490		mg/Kg-dry	1	12/16/2020 11:48 PM	70426
Naphthalene	ND	0.0490		mg/Kg-dry	1	12/16/2020 11:48 PM	70426
Phenanthrene	ND	0.0490		mg/Kg-dry	1	12/16/2020 11:48 PM	70426
Pyrene	ND	0.0490		mg/Kg-dry	1	12/16/2020 11:48 PM	70426
Internal Quality Control Compounds							
SS: 2-Fluorobiphenyl	76.2	72.1-138		%Rec	1	12/16/2020 11:48 PM	70426
SS: 4-Terphenyl-d14	101	45.3-152		%Rec	1	12/16/2020 11:48 PM	70426
SS: Nitrobenzene-d5	89.7	62.6-144		%Rec	1	12/16/2020 11:48 PM	70426
PERCENT MOISTURE		Method: ASTM-D2216-Rev 2005				Analyst: STP	
Percent Moisture	20	1.0	c	wt%	1	12/16/2020 4:02 PM	R127728

Created: 12/21/2020 2:32:27 PM

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Laboratory Results

Client ID: CWM Company, Inc
Project Name: Q E Peoria Road

Report Date: December 21, 2020
Workorder: 2012B92

Client Sample ID: SA15
Lab ID: 2012B92-017 **Date Received:** 12/14/2020 11:13 AM

Matrix: SOIL
Collection Date: 12/11/2020 9:50 AM

Parameter	Result	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS		Method: EPA-8260B-Rev 2, Dec-96				Analyst: RWM	
Benzene	ND	0.0132		mg/Kg-dry	42.65	12/17/2020 3:15 PM	R127808
Ethylbenzene	ND	0.0528		mg/Kg-dry	42.65	12/17/2020 3:15 PM	R127808
m,p-Xylene	ND	0.106		mg/Kg-dry	42.65	12/17/2020 3:15 PM	R127808
Methyl tert-butyl ether	ND	0.0528		mg/Kg-dry	42.65	12/17/2020 3:15 PM	R127808
o-Xylene	ND	0.0528		mg/Kg-dry	42.65	12/17/2020 3:15 PM	R127808
Total Xylenes	ND	0.106		mg/Kg-dry	42.65	12/17/2020 3:15 PM	R127808
Toluene	0.104	0.0528		mg/Kg-dry	42.65	12/17/2020 3:15 PM	R127808
Internal Quality Control Compounds							
SS: 4-Bromofluorobenzene	113	80-130		%Rec	42.65	12/17/2020 3:15 PM	R127808
SS: Dibromofluoromethane	99.0	76.1-120		%Rec	42.65	12/17/2020 3:15 PM	R127808
SS: Toluene-d8	102	85-115		%Rec	42.65	12/17/2020 3:15 PM	R127808
SEMIVOLATILE ORGANICS, BY GCMS SIM		Method: EPA-8270C-Rev 3, Dec-96				Analyst: ES	
Acenaphthene	ND	0.0485		mg/Kg-dry	1	12/17/2020 3:05 PM	70426
Acenaphthylene	ND	0.0485		mg/Kg-dry	1	12/17/2020 3:05 PM	70426
Anthracene	ND	0.0485		mg/Kg-dry	1	12/17/2020 3:05 PM	70426
Benzo(a)anthracene	ND	0.0485		mg/Kg-dry	1	12/17/2020 3:05 PM	70426
Benzo(a)pyrene	ND	0.0485		mg/Kg-dry	1	12/17/2020 3:05 PM	70426
Benzo(b)fluoranthene	ND	0.0485		mg/Kg-dry	1	12/17/2020 3:05 PM	70426
Benzo(g,h,i)perylene	ND	0.0485		mg/Kg-dry	1	12/17/2020 3:05 PM	70426
Benzo(k)fluoranthene	ND	0.0485		mg/Kg-dry	1	12/17/2020 3:05 PM	70426
Chrysene	ND	0.0485		mg/Kg-dry	1	12/17/2020 3:05 PM	70426
Dibenzo(a,h)anthracene	ND	0.0485		mg/Kg-dry	1	12/17/2020 3:05 PM	70426
Fluoranthene	ND	0.0485		mg/Kg-dry	1	12/17/2020 3:05 PM	70426
Fluorene	ND	0.0485		mg/Kg-dry	1	12/17/2020 3:05 PM	70426
Indeno(1,2,3-cd)pyrene	ND	0.0485		mg/Kg-dry	1	12/17/2020 3:05 PM	70426
Naphthalene	ND	0.0485		mg/Kg-dry	1	12/17/2020 3:05 PM	70426
Phenanthrene	ND	0.0485		mg/Kg-dry	1	12/17/2020 3:05 PM	70426
Pyrene	ND	0.0485		mg/Kg-dry	1	12/17/2020 3:05 PM	70426
Internal Quality Control Compounds							
SS: 2-Fluorobiphenyl	75.1	72.1-138		%Rec	1	12/17/2020 3:05 PM	70426
SS: 4-Terphenyl-d14	115	45.3-152		%Rec	1	12/17/2020 3:05 PM	70426
SS: Nitrobenzene-d5	95.8	62.6-144		%Rec	1	12/17/2020 3:05 PM	70426
PERCENT MOISTURE		Method: ASTM-D2216-Rev 2005				Analyst: STP	
Percent Moisture	19	1.0	c	wt%	1	12/16/2020 4:02 PM	R127728

Created: 12/21/2020 2:32:28 PM

Suburban Laboratories, Inc.
1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

Laboratory Results

Client ID: CWM Company, Inc
Project Name: Q E Peoria Road

Report Date: December 21, 2020
Workorder: 2012B92

Client Sample ID: SA16
Lab ID: 2012B92-018 **Date Received:** 12/14/2020 11:13 AM

Matrix: SOIL
Collection Date: 12/11/2020 10:00 AM

Parameter	Result	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS		Method: EPA-8260B-Rev 2, Dec-96				Analyst: RWM	
Benzene	0.0261	0.00893		mg/Kg-dry	28.76	12/17/2020 3:40 PM	R127808
Ethylbenzene	ND	0.0357		mg/Kg-dry	28.76	12/17/2020 3:40 PM	R127808
m,p-Xylene	0.0765	0.0715		mg/Kg-dry	28.76	12/17/2020 3:40 PM	R127808
Methyl tert-butyl ether	ND	0.0357		mg/Kg-dry	28.76	12/17/2020 3:40 PM	R127808
o-Xylene	ND	0.0357		mg/Kg-dry	28.76	12/17/2020 3:40 PM	R127808
Total Xylenes	0.0765	0.0715		mg/Kg-dry	28.76	12/17/2020 3:40 PM	R127808
Toluene	0.253	0.0357		mg/Kg-dry	28.76	12/17/2020 3:40 PM	R127808
Internal Quality Control Compounds							
SS: 4-Bromofluorobenzene	115	80-130		%Rec	28.76	12/17/2020 3:40 PM	R127808
SS: Dibromofluoromethane	97.9	76.1-120		%Rec	28.76	12/17/2020 3:40 PM	R127808
SS: Toluene-d8	101	85-115		%Rec	28.76	12/17/2020 3:40 PM	R127808
SEMIVOLATILE ORGANICS, BY GCMS SIM		Method: EPA-8270C-Rev 3, Dec-96				Analyst: ES	
Acenaphthene	ND	0.0495		mg/Kg-dry	1	12/18/2020 4:47 PM	70426
Acenaphthylene	ND	0.0495		mg/Kg-dry	1	12/18/2020 4:47 PM	70426
Anthracene	ND	0.0495		mg/Kg-dry	1	12/18/2020 4:47 PM	70426
Benzo(a)anthracene	ND	0.0495		mg/Kg-dry	1	12/18/2020 4:47 PM	70426
Benzo(a)pyrene	ND	0.0495		mg/Kg-dry	1	12/18/2020 4:47 PM	70426
Benzo(b)fluoranthene	ND	0.0495		mg/Kg-dry	1	12/18/2020 4:47 PM	70426
Benzo(g,h,i)perylene	ND	0.0495		mg/Kg-dry	1	12/18/2020 4:47 PM	70426
Benzo(k)fluoranthene	ND	0.0495		mg/Kg-dry	1	12/18/2020 4:47 PM	70426
Chrysene	ND	0.0495		mg/Kg-dry	1	12/18/2020 4:47 PM	70426
Dibenzo(a,h)anthracene	ND	0.0495		mg/Kg-dry	1	12/18/2020 4:47 PM	70426
Fluoranthene	ND	0.0495		mg/Kg-dry	1	12/18/2020 4:47 PM	70426
Fluorene	ND	0.0495		mg/Kg-dry	1	12/18/2020 4:47 PM	70426
Indeno(1,2,3-cd)pyrene	ND	0.0495		mg/Kg-dry	1	12/18/2020 4:47 PM	70426
Naphthalene	ND	0.0495		mg/Kg-dry	1	12/18/2020 4:47 PM	70426
Phenanthrene	ND	0.0495		mg/Kg-dry	1	12/18/2020 4:47 PM	70426
Pyrene	ND	0.0495		mg/Kg-dry	1	12/18/2020 4:47 PM	70426
Internal Quality Control Compounds							
SS: 2-Fluorobiphenyl	81.3	72.1-138		%Rec	1	12/18/2020 4:47 PM	70426
SS: 4-Terphenyl-d14	118	45.3-152		%Rec	1	12/18/2020 4:47 PM	70426
SS: Nitrobenzene-d5	98.0	62.6-144		%Rec	1	12/18/2020 4:47 PM	70426
PERCENT MOISTURE		Method: ASTM-D2216-Rev 2005				Analyst: STP	
Percent Moisture	20	1.0	c	wt%	1	12/16/2020 4:02 PM	R127728

Created: 12/21/2020 2:32:28 PM

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Laboratory Results

Client ID: CWM Company, Inc
Project Name: Q E Peoria Road

Report Date: December 21, 2020
Workorder: 2012B92

Client Sample ID: SA17
Lab ID: 2012B92-019
Date Received: 12/14/2020 11:13 AM
Matrix: SOIL
Collection Date: 12/11/2020 11:00 AM

Parameter	Result	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS		Method: EPA-8260B-Rev 2, Dec-96				Analyst: RWM	
Benzene	66.4	3.13		mg/Kg-dry	9811.04	12/17/2020 4:54 PM	R127808
Ethylbenzene	647	12.5		mg/Kg-dry	9811.04	12/17/2020 4:54 PM	R127808
m,p-Xylene	2,270	25.0		mg/Kg-dry	9811.04	12/17/2020 4:54 PM	R127808
Methyl tert-butyl ether	ND	12.5		mg/Kg-dry	9811.04	12/17/2020 4:54 PM	R127808
o-Xylene	863	12.5		mg/Kg-dry	9811.04	12/17/2020 4:54 PM	R127808
Total Xylenes	3,140	25.0		mg/Kg-dry	9811.04	12/17/2020 4:54 PM	R127808
Toluene	2,280	12.5		mg/Kg-dry	9811.04	12/17/2020 4:54 PM	R127808
Internal Quality Control Compounds							
SS: 4-Bromofluorobenzene	98.8	80-130		%Rec	9811.04	12/17/2020 4:54 PM	R127808
SS: Dibromofluoromethane	104	76.1-120		%Rec	9811.04	12/17/2020 4:54 PM	R127808
SS: Toluene-d8	99.4	85-115		%Rec	9811.04	12/17/2020 4:54 PM	R127808
SEMIVOLATILE ORGANICS, BY GCMS SIM		Method: EPA-8270C-Rev 3, Dec-96				Analyst: ES	
Acenaphthene	ND	0.0500		mg/Kg-dry	1	12/18/2020 5:25 PM	70426
Acenaphthylene	ND	0.0500		mg/Kg-dry	1	12/18/2020 5:25 PM	70426
Anthracene	ND	0.0500		mg/Kg-dry	1	12/18/2020 5:25 PM	70426
Benzo(a)anthracene	ND	0.0500		mg/Kg-dry	1	12/18/2020 5:25 PM	70426
Benzo(a)pyrene	ND	0.0500		mg/Kg-dry	1	12/18/2020 5:25 PM	70426
Benzo(b)fluoranthene	ND	0.0500		mg/Kg-dry	1	12/18/2020 5:25 PM	70426
Benzo(g,h,i)perylene	ND	0.0500		mg/Kg-dry	1	12/18/2020 5:25 PM	70426
Benzo(k)fluoranthene	ND	0.0500		mg/Kg-dry	1	12/18/2020 5:25 PM	70426
Chrysene	ND	0.0500		mg/Kg-dry	1	12/18/2020 5:25 PM	70426
Dibenzo(a,h)anthracene	ND	0.0500		mg/Kg-dry	1	12/18/2020 5:25 PM	70426
Fluoranthene	ND	0.0500		mg/Kg-dry	1	12/18/2020 5:25 PM	70426
Fluorene	ND	0.0500		mg/Kg-dry	1	12/18/2020 5:25 PM	70426
Indeno(1,2,3-cd)pyrene	ND	0.0500		mg/Kg-dry	1	12/18/2020 5:25 PM	70426
Naphthalene	ND	0.0500		mg/Kg-dry	1	12/18/2020 5:25 PM	70426
Phenanthrene	ND	0.0500		mg/Kg-dry	1	12/18/2020 5:25 PM	70426
Pyrene	ND	0.0500		mg/Kg-dry	1	12/18/2020 5:25 PM	70426
Internal Quality Control Compounds							
SS: 2-Fluorobiphenyl	75.1	72.1-138		%Rec	1	12/18/2020 5:25 PM	70426
SS: 4-Terphenyl-d14	106	45.3-152		%Rec	1	12/18/2020 5:25 PM	70426
SS: Nitrobenzene-d5	96.6	62.6-144		%Rec	1	12/18/2020 5:25 PM	70426
PERCENT MOISTURE		Method: ASTM-D2216-Rev 2005				Analyst: STP	
Percent Moisture	22	1.0	c	wt%	1	12/16/2020 4:02 PM	R127728

Created: 12/21/2020 2:32:29 PM

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Laboratory Results

Client ID: CWM Company, Inc
Project Name: Q E Peoria Road

Report Date: December 21, 2020
Workorder: 2012B92

Client Sample ID: SA18
Lab ID: 2012B92-020
Date Received: 12/14/2020 11:13 AM
Matrix: SOIL
Collection Date: 12/11/2020 12:00 AM

Parameter	Result	Report Limit	Qual.	Units	Dilution Factor	Date Analyzed	Batch ID
VOLATILE ORGANIC COMPOUNDS		Method: EPA-8260B-Rev 2, Dec-96				Analyst: RWM	
Benzene	54.7	2.43		mg/Kg-dry	7640.47	12/17/2020 5:19 PM	R127808
Ethylbenzene	462	9.72		mg/Kg-dry	7640.47	12/17/2020 5:19 PM	R127808
m,p-Xylene	1,640	19.4		mg/Kg-dry	7640.47	12/17/2020 5:19 PM	R127808
Methyl tert-butyl ether	ND	9.72		mg/Kg-dry	7640.47	12/17/2020 5:19 PM	R127808
o-Xylene	607	9.72		mg/Kg-dry	7640.47	12/17/2020 5:19 PM	R127808
Total Xylenes	2,240	19.4		mg/Kg-dry	7640.47	12/17/2020 5:19 PM	R127808
Toluene	1,690	9.72		mg/Kg-dry	7640.47	12/17/2020 5:19 PM	R127808
Internal Quality Control Compounds							
SS: 4-Bromofluorobenzene	99.6	80-130		%Rec	7640.47	12/17/2020 5:19 PM	R127808
SS: Dibromofluoromethane	105	76.1-120		%Rec	7640.47	12/17/2020 5:19 PM	R127808
SS: Toluene-d8	98.9	85-115		%Rec	7640.47	12/17/2020 5:19 PM	R127808
SEMIVOLATILE ORGANICS, BY GCMS SIM		Method: EPA-8270C-Rev 3, Dec-96				Analyst: ES	
Acenaphthene	ND	0.0499		mg/Kg-dry	1	12/18/2020 6:03 PM	70426
Acenaphthylene	ND	0.0499		mg/Kg-dry	1	12/18/2020 6:03 PM	70426
Anthracene	ND	0.0499		mg/Kg-dry	1	12/18/2020 6:03 PM	70426
Benzo(a)anthracene	ND	0.0499		mg/Kg-dry	1	12/18/2020 6:03 PM	70426
Benzo(a)pyrene	ND	0.0499		mg/Kg-dry	1	12/18/2020 6:03 PM	70426
Benzo(b)fluoranthene	ND	0.0499		mg/Kg-dry	1	12/18/2020 6:03 PM	70426
Benzo(g,h,i)perylene	ND	0.0499		mg/Kg-dry	1	12/18/2020 6:03 PM	70426
Benzo(k)fluoranthene	ND	0.0499		mg/Kg-dry	1	12/18/2020 6:03 PM	70426
Chrysene	ND	0.0499		mg/Kg-dry	1	12/18/2020 6:03 PM	70426
Dibenzo(a,h)anthracene	ND	0.0499		mg/Kg-dry	1	12/18/2020 6:03 PM	70426
Fluoranthene	ND	0.0499		mg/Kg-dry	1	12/18/2020 6:03 PM	70426
Fluorene	ND	0.0499		mg/Kg-dry	1	12/18/2020 6:03 PM	70426
Indeno(1,2,3-cd)pyrene	ND	0.0499		mg/Kg-dry	1	12/18/2020 6:03 PM	70426
Naphthalene	ND	0.0499		mg/Kg-dry	1	12/18/2020 6:03 PM	70426
Phenanthrene	ND	0.0499		mg/Kg-dry	1	12/18/2020 6:03 PM	70426
Pyrene	ND	0.0499		mg/Kg-dry	1	12/18/2020 6:03 PM	70426
Internal Quality Control Compounds							
SS: 2-Fluorobiphenyl	80.5	72.1-138		%Rec	1	12/18/2020 6:03 PM	70426
SS: 4-Terphenyl-d14	109	45.3-152		%Rec	1	12/18/2020 6:03 PM	70426
SS: Nitrobenzene-d5	98.1	62.6-144		%Rec	1	12/18/2020 6:03 PM	70426
PERCENT MOISTURE		Method: ASTM-D2216-Rev 2005				Analyst: STP	
Percent Moisture	21	1.0	c	wt%	1	12/16/2020 4:02 PM	R127728

Created: 12/21/2020 2:32:30 PM

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1950 S. Batavia Ave., Suite 150, Geneva, IL 60134 (708) 544-3260

PREP DATES REPORT

Client: CWM Company, Inc
Project: Q E Peoria Road

Report Date: December 21, 2020
Lab Order: 2012B92

Sample ID	Collection Date	Batch ID	Prep Test Name	TCLP Date	Prep Date
2012B92-001A	12/9/2020 12:05:00 PM	70424	CLOSED SYSTEM P&T VOC Prep		12/16/2020
2012B92-001B		70426	SOLID PREP SONICATION: BNA		12/16/2020
2012B92-002A	12/9/2020 12:15:00 PM	70424	CLOSED SYSTEM P&T VOC Prep		12/16/2020
2012B92-002B		70426	SOLID PREP SONICATION: BNA		12/16/2020
2012B92-003A	12/9/2020 2:35:00 PM	70424	CLOSED SYSTEM P&T VOC Prep		12/16/2020
2012B92-003B		70426	SOLID PREP SONICATION: BNA		12/16/2020
2012B92-004A	12/9/2020 2:45:00 PM	70424	CLOSED SYSTEM P&T VOC Prep		12/16/2020
2012B92-004B		70426	SOLID PREP SONICATION: BNA		12/16/2020
2012B92-005A	12/9/2020 3:00:00 PM	70424	CLOSED SYSTEM P&T VOC Prep		12/16/2020
2012B92-005B		70426	SOLID PREP SONICATION: BNA		12/16/2020
2012B92-006A	12/9/2020 3:05:00 PM	70424	CLOSED SYSTEM P&T VOC Prep		12/16/2020
2012B92-006B		70426	SOLID PREP SONICATION: BNA		12/16/2020
2012B92-007A	12/9/2020 3:10:00 PM	70424	CLOSED SYSTEM P&T VOC Prep		12/16/2020
2012B92-007B		70426	SOLID PREP SONICATION: BNA		12/16/2020
2012B92-008A	12/9/2020 3:15:00 PM	70424	CLOSED SYSTEM P&T VOC Prep		12/16/2020
2012B92-008B		70426	SOLID PREP SONICATION: BNA		12/16/2020
2012B92-009A	12/9/2020 3:20:00 PM	70424	CLOSED SYSTEM P&T VOC Prep		12/16/2020
2012B92-009B		70426	SOLID PREP SONICATION: BNA		12/16/2020
2012B92-010A	12/9/2020 3:25:00 PM	70424	CLOSED SYSTEM P&T VOC Prep		12/16/2020
2012B92-010B		70426	SOLID PREP SONICATION: BNA		12/16/2020
2012B92-011A	12/9/2020 3:30:00 PM	70424	CLOSED SYSTEM P&T VOC Prep		12/16/2020
2012B92-011B		70426	SOLID PREP SONICATION: BNA		12/16/2020
2012B92-012A	12/9/2020 3:35:00 PM	70424	CLOSED SYSTEM P&T VOC Prep		12/16/2020
2012B92-012B		70426	SOLID PREP SONICATION: BNA		12/16/2020
2012B92-013A	12/9/2020 3:40:00 PM	70424	CLOSED SYSTEM P&T VOC Prep		12/16/2020
2012B92-013B		70426	SOLID PREP SONICATION: BNA		12/16/2020
2012B92-014A	12/9/2020 3:45:00 PM	70424	CLOSED SYSTEM P&T VOC Prep		12/16/2020
2012B92-014B		70426	SOLID PREP SONICATION: BNA		12/16/2020

Created: 12/21/2020 2:32:30 PM

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PREP DATES REPORT

Client: CWM Company, Inc
Project: Q E Peoria Road

Report Date: December 21, 2020
Lab Order: 2012B92

Sample ID	Collection Date	Batch ID	Prep Test Name	TCLP Date	Prep Date
2012B92-015A	12/11/2020 7:10:00 AM	70424	CLOSED SYSTEM P&T VOC Prep		12/16/2020
2012B92-015B		70426	SOLID PREP SONICATION: BNA		12/16/2020
2012B92-016A	12/11/2020 7:20:00 AM	70424	CLOSED SYSTEM P&T VOC Prep		12/16/2020
2012B92-016B		70426	SOLID PREP SONICATION: BNA		12/16/2020
2012B92-017A	12/11/2020 9:50:00 AM	70424	CLOSED SYSTEM P&T VOC Prep		12/16/2020
2012B92-017B		70426	SOLID PREP SONICATION: BNA		12/16/2020
2012B92-018A	12/11/2020 10:00:00 AM	70424	CLOSED SYSTEM P&T VOC Prep		12/16/2020
2012B92-018B		70426	SOLID PREP SONICATION: BNA		12/16/2020
2012B92-019A	12/11/2020 11:00:00 AM	70424	CLOSED SYSTEM P&T VOC Prep		12/16/2020
2012B92-019B		70426	SOLID PREP SONICATION: BNA		12/16/2020
2012B92-020A	12/11/2020	70424	CLOSED SYSTEM P&T VOC Prep		12/16/2020
2012B92-020B		70426	SOLID PREP SONICATION: BNA		12/16/2020

Suburban Laboratories, Inc.
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Qualifier Definitions

WO#: 2012B92
Date: 12/21/2020

Qualifiers:

*/x	Value exceeds Maximum Contaminant Level
B	Analyte detected in the associated Method Blank
C	Value is below Minimum Concentration Limit
c	Analyte not in SLI scope of accreditation
E	Estimated, detected above quantitation range
G	Refer to case narrative page for specific comments
H	Holding times for preparation or analysis exceeded
J	Analyte detected below quantitation limit (QL)
N	Tentatively identified compounds
ND	Not Detected at the Reporting Limit
P	Present
Q	Accreditation is not available from Wisconsin
R	RPD outside accepted recovery limits
S	Spike Recovery outside accepted recovery limits
T	Analyte detected in sample trip blank
V	EPA requires field analysis/filtration. Lab analysis would be considered past hold time.

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave. Ste. 150 Geneva, IL 60134 Tel. 708.544.3260 login@suburbanlabs.com www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

Company Name: CW3M Company Inc
Company Address: 701 S. Grand Ave West
City: Springfield State: IL Zip: 62704
Office: 217-522-8001 Mobile: Fax:
Email Address: cwm@cwmcompany.com
Project ID / Location: Q-E Peoria Road
Project Manager (Report to): Carol Rowe
Sample Collector(s): GTR

TURNAROUND TIME REQUESTED
[X] Normal [ ] RUSH*
* Must be pre-approved and surcharges apply. Checking this box indicates your approval of surcharges.
Date and Time Report Needed:

Specify Regulatory Program: [ ] None/Info Only
[X] LUST [ ] SRP [ ] SDWA
[ ] 503 Sludge [ ] NPDES [ ] MWRDGC
[ ] Disposal [ ] CCDD [ ] OTHER - Specify Below

ANALYSIS & METHOD REQUESTED Enter an "X" in box below for request

Page 1 of 2
PO #
Report Type [ ] Normal [ ] Special*
* Additional charges apply for QC reports and raw data. Specify in comments section
Shipping Method

LAB USE ONLY
Work Order # 20C2892
Temperature of Received Samples °C
Received within 24 hours of collection? [ ] No [ ] Yes

	SAMPLE IDENTIFICATION (Use 1 line per container type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	BETX-M	PNA's	Lab Comment	LAB #
1	SA3A	12/9/20	12:05	S	G	2/1	40mL/4oz	MeOH/—	X	X		1AB
2	SA4A	12/9/20	12:15	S	G	2/1	40mL/4oz	MeOH/—	X	X		
3	SA5A	12/9/20	14:35	S	G	2/1	40mL/4oz	MeOH/—	X	X		
4	SA6A	12/9/20	14:45	S	G	2/1	40mL/4oz	MeOH/—	X	X		
5	SA7A		15:00						X	X		
6	SA8A		15:05						X	X		
7	SA 910		15:10						X	X		
8	SA10A		15:15						X	X		
9	SA 11A		15:20						X	X		
10	SA12A		15:25						X	X		
11	SA3B		15:30						X	X		
12	SA 4B		15:35						X	X		12AB

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) CONTAINER: 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) PRESERVATIVE: H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

RECEIVED
DEC 21 2020
BY: CR

1. Relinquished By	Date	2. Relinquished By	Date	3. Relinquished By	Date	4. Relinquished By	Date
	12/14/20		12/14/20				
Received By	Time	Received By	Time	Received By	Time	Received By	Time
[X] Ice	5:15	[ ] Ice	11:13	[ ] Ice		[ ] Ice	

THIS FORM MUST BE FILLED OUT COMPLETELY BY THE SAMPLE COLLECTOR OR SUBMITTER AND ORIGINAL FORM MUST ACCOMPANY SAMPLES AT ALL TIMES. Rev 2/17

980000

SUBURBAN LABORATORIES, Inc.

1950 S. Batavia Ave. Ste. 150 Geneva, IL 60134 Tel. 708.544.3260 login@suburbanlabs.com www.suburbanlabs.com

CHAIN OF CUSTODY RECORD

Page 2 of 2

Company Name: CW3M Company Inc
Company Address: 701 S. Grand Ave West
City: Springfield State: IL Zip: 62704
Office: 217-522-8001 Mobile: Fax:
Email Address: CWM@CWMCOMPANY.COM
Project ID / Location: Q-E Peoria Road
Project Manager (Report to): Carol Rowe
Sample Collector(s): GTR

TURNAROUND TIME REQUESTED
[X] Normal [ ] RUSH*
* Must be pre-approved and surcharges apply. Checking this box indicates your approval of surcharges.
Date and Time Report Needed:

Specify Regulatory Program: [ ] None/Info Only
[X] LUST [ ] SRP [ ] SDWA
[ ] 503 Sludge [ ] NPDES [ ] MWRDGC
[ ] Disposal [ ] CCDD [ ] OTHER - Specify Below

PO #:
Report Type: [ ] Normal [ ] Special*
* Additional charges apply for QC reports and raw data. Specify in comments section
Shipping Method:

LAB USE ONLY
Work Order # 2012B92
Temperature of Received Samples: ° C
Received within 24 hours of collection? [ ] No [ ] Yes

	SAMPLE IDENTIFICATION (Use 1 line per container type)	COLLECTION DATE	COLLECTION TIME	MATRIX	GRAB/ COMP.	CONTAINERS Qty	CONTAINERS SIZE & TYPE	PRESERVATIVE	BETX-M	PNA's	Lab Comment	LAB #
1	SA5B	12/9/20	1540	S	G	2/1	40mL/4oz	MeOH/—	X	X		13AB
2	SA6B	12/9/20	1545	S	G	2/1	40mL/4oz	MeOH/—	X	X		1
3	SA13	12/11/20	0710	S	G	2/1	40mL/4oz	MeOH/—	X	X		1
4	SA14	12/11/20	0720	S	G	2/1	40mL/4oz	MeOH/—	X	X		1
5	SA15	12/11/20	9:50	S	G	2/1	40mL/4oz	MeOH/—	X	X		1
6	SA16	12/11/20	1000	S	G	2/1	40mL/4oz	MeOH/—	X	X		1
7	SA17	12/11/20	1100	S	G	2/1	40mL/4oz	MeOH/—	X	X		1
8	SA18	12/11/20	12:00	S	G	2/1	40mL/4oz	MeOH/—	X	X		20AB
9												
10												
11												
12												

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water(SW), Ground Water (GW), Solid Waste (WA), Sludge (U), Wipe (P) CONTAINER: 2oz, 4oz, 8oz, 40ml Vial, 500ml, Liter (L), Tube, Glass (G), Plastic (P) PRESERVATIVE: H_2SO_4, HCl, HNO_3, Methanol (MeOH) NaOH, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

RECEIVED
DEC 21 2020
BY: CR

1. Relinquished By	Date	2. Relinquished By	Date	3. Relinquished By	Date	4. Relinquished By	Date
	12/14/20		12/14/20				
Received By	Time	Received By	Time	Received By	Time	Received By	Time
[ ] Ice	5	[ ] Ice	11:13	[ ] Ice		[ ] Ice	

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000087

Illinois Environmental Protection Agency

Bureau of Land • 1021 N. Grand Avenue E. • P.O. Box 19276 • Springfield • Illinois • 62794-9276

The Agency is authorized to require this information under Section 4 and Title XVI of the Environmental Protection Act (415 ILCS 5/4, 5/57 – 57.17). Failure to disclose this information may result in a civil penalty of not to exceed $50,000.00 for the violation and an additional civil penalty of not to exceed $10,000.00 for each day during which the violation continues (415 ILCS 5/42). Any person who knowingly makes a false material statement or representation, orally or in writing, in any label, manifest, record, report, permit, or license, or other document filed, maintained or used for the purpose of compliance with Title XVI commits a Class 4 felony. Any second or subsequent offense after conviction hereunder is a Class 3 felony (415 ILCS 5/44 and 57.17). This form has been approved by the Forms Management Center.

Leaking Underground Storage Tank Program
Laboratory Certification for Chemical Analysis

A. Site Identification

IEMA Incident # (6- or 8-digit): 961540 + 991895 IEPA LPC# (10-digit): 1671205520

Site Name: Quick-n-Ez

Site Address (Not a P.O. Box): 2800 North Peoria Road

City: Springfield County: Sangamon ZIP Code:

Leaking UST Technical File

B. Sample Collector

I certify that:

1. Appropriate sampling equipment/methods were utilized to obtain representative samples. GTK (Initial)
2. Chain-of-custody procedures were followed in the field. GTK (Initial)
3. Sample integrity was maintained by proper preservation. GTK (Initial)
4. All samples were properly labeled. GTK (Initial)

RECEIVED
DEC 29 2020

C. Laboratory Representative

I certify that:

1. Proper chain-of-custody procedures were followed as documented on the chain-of-custody forms (Initial)
2. Sample integrity was maintained by proper preservation. (Initial)
3. All samples were properly labeled. (Initial)
4. Quality assurance/quality control procedures were established and carried out. (Initial)
5. Sample holding times were not exceeded. (Initial)

6. SW-846 Analytical Laboratory Procedure (USEPA) methods were used for the analyses. (Initial)

7. An accredited lab performed quantitative analysis using test methods identified in 35 IAC 186.180 (for samples collected on or after January 1, 2003). (Initial)

D. Signatures

I hereby affirm that all information contained in this form is true and accurate to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sample Collector

Name Goebel Tod Rowe
Title Engineer
Company CWM Company, Inc.
Address 701 South Grand Ave. West
City Springfield
State IL
Zip Code 62704
Phone 217-522-8001
Signature
Date 12/9/20

Laboratory Representative

Name Keith Sinon
Title Project Manager
Company Suburban Laboratories, Inc.
Address 1950 S. Batavia Ave., Suite 150
City Geneva
State IL
Zip Code 60134
Phone 708-544-3260
Signature
Date 12/22/20

DEC 29 2020

Illinois Environmental Protection Agency

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4. All samples were properly labeled. GTK (Initial)

DEC 29 2020

C. Laboratory Representative

I certify that:

1. Proper chain-of-custody procedures were followed as documented on the chain-of-custody forms JSS (Initial)
2. Sample integrity was maintained by proper preservation. JSS (Initial)
3. All samples were properly labeled. JSS (Initial)
4. Quality assurance/quality control procedures were established and carried out. JSS (Initial)
5. Sample holding times were not exceeded. JSS (Initial)

6. SW-846 Analytical Laboratory Procedure (USEPA) methods were used for the analyses. (Initial)

7. An accredited lab performed quantitative analysis using test methods identified in 35 IAC 186.180 (for samples collected on or after January 1, 2003). (Initial)

D. Signatures

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Sample Collector

Name Goebel Tod Rowe
Title Engineer
Company CWM Company, Inc.
Address 701 South Grand Ave. West
City Springfield
State IL
Zip Code 62704
Phone 217-522-8001
Signature
Date 12-11-2020

Laboratory Representative

Name Keith Sinon
Title Project Manager
Company Suburban Laboratories, Inc.
Address 1950 S. Batavia Ave., Suite 150
City Geneva
State IL
Zip Code 60134
Phone 708-544-3260
Signature
Date 12/22/20

DEC 29 2020

Office of the Illinois State Fire Marshal
Division of Petroleum and Chemical Safety
1035 Stevenson Drive
Springfield, IL 62703
2177851020

FOR OFFICE USE ONLY
Facility # 5013134
Permit # 01668-2020REM
Request Rec'd 11/23/2020
Amended Date
Approval Date 11/23/2020 DS
Permit Expires 5/25/2021

Permit for REMOVAL of Underground Storage Tank(s) and Piping for Petroleum and Hazardous Substances.

Permission to remove underground storage tank(s) or piping is hereby granted. Such removal shall not commence until the contractor the permit was issued to or an employee of that contractor (this does not include a subcontractor) shall establish a date certain to perform the UST activity by contacting the Office of the State Fire Marshal, Division of Petroleum and Chemical Safety, at which time the UST activity shall be scheduled. **THIS PERMIT IS VALID FOR SIX MONTHS FROM THE APPROVAL DATE.**

(1) OWNER OF TANKS - Corporation, partnership, or other business entity:	(2) FACILITY - name and address where tanks are located:
Chronister Oil Company 2026 N Republic Street Springfield, IL 62702 Contact: Heather Hoffman (217) 523-5050 Ext. 1718	Qik-N-EZ 2800 Peoria Road Springfield, IL 62702 Contact: David Drendel (217) 523-5050

(3) **REMOVAL OF TANKS:**

(a) Number and size of tanks being removed: (TK # 2) - 10,000, (TK # 3) - 8,000

(b) Description/location of piping being removed:

(c) Product to be stored in each tank: (TK # 2) - Gasoline, (TK # 3) - E-85

(d) Reason of tanks being removed:

(e) If tank(s) is leaking, indicate IEMA incident number: 1999-1895

(f) Date each tank was last used: (TK # 2, 3) - Unknown

(4) The owner must notify this Office when completion of tank removal has occurred, on the Notification for Underground Storage Tank Form. This form can be obtained at www.sfm.illinois.gov or by calling (217)785-1020. After removal is completed, the owner/operator shall perform a site assessment by measuring for the presence of a release where contamination is most likely to be present at the UST site. This is in accordance with the Illinois Administrative Code 176.360 (a) regulations and 40 CFR Part 280.72 (a) Federal Register Requirement.

(5) SPECIAL CONTINGENCIES : Uncover concrete and materials over existing tanks. Remove and dispose of all remaining liquids from tanks. Blown down tanks to below 5% LEL and then Remove 1-10000 gallon gasoline UST and 1-8,000 gallon UST, piping and vent lines. We will abandon and fill the Diesel tank with inert materials one day prior to removing these remaining 2 USTs to prevent the abandon tank from moving and compromising the existing building structure. The tank system will be removed and disposed of offsite.

(6) PERSON, FIRM OR COMPANY PERFORMING WORK:

Perry Environmental, Inc.
960 Clocktower Drive, Suite I
Springfield, IL 62704

Contact Person: julie keebler
Phone: (217) 546-0702
Contractor Registration # IL002445 Exp. 4/6/2022

Sincerely,

Daniel S. Starks

Daniel Starks

cc: Storage Tank Safety Specialist
Division File

Office of the Illinois State Fire Marshal
Division of Petroleum and Chemical Safety
1035 Stevenson Drive
Springfield, IL 62703
2177851020

FOR OFFICE USE ONLY
Facility # 5013134
Permit # 01667-2020ABN
Request Rec'd 11/23/2020
Amended Date
Approval Date 11/23/2020 DS
Permit Expires 5/25/2021

Permit for ABANDONMENT IN PLACE of Underground Storage Tank(s) and Piping for Petroleum and Hazardous Substances.

Permission to abandon in place underground storage tank(s) or piping is hereby granted. Such abandonment must be in complete accordance with acceptable materials as specified in the Federal Register, Part II Environmental Protection Agency, 40 CFR Parts 280 and 281, and also with all sections of 41 Illinois Administrative Code, Parts 174, 175, and 176. The contractor the permit was issued to or an employee of that contractor (this does not include a subcontractor) shall establish a date certain to perform the UST activity by contacting the Office of the State Fire Marshal, Division of Petroleum and Chemical Safety, at which time the UST activity shall be scheduled. **THIS PERMIT IS VALID FOR SIX MONTHS FROM THE APPROVAL DATE.**

(1) **OWNER OF TANKS** - Corporation, partnership, or other business entity:	(2) **FACILITY** - name and address where tanks are located:
Chronister Oil Company 2026 N Republic Street Springfield, IL 62702 Contact: Heather Hoffman (217) 523-5050 Ext. 1718	Qik-N-EZ 2800 Peoria Road Springfield, IL 62702 Contact: David Drendel (217) 523-5050

(3) **ABANDONMENT IN PLACE OF TANKS:**

(a) Number and size tanks being abandoned: (TK # 1) - 10,000

(b) Product stored in each tank: (TK # 1) - Diesel Fuel

(c) Location of tanks being abandoned: CONTAMINATED SITE! IEMA Number: 1999-1895 The existing 10,000 gallon diesel tank is partially underneath the existing building stucture and if removed would compromise the existing sturcture. The tank will be abandoned in place and filled with inert material as required.

(d) Location of piping being abandoned: Piping is not mentioned in the permit application but must be removed or abandoned

(4) This permit is VOID if contamination is revealed during abandonment procedures or if tanks are not as indicated on your granted permit site plan. If contamination is revealed, this abandonment can continue only when the contaminated site section (2) of the certification on site condition has been submitted to our Office.

(5) **SPECIAL CONTINGENCIES** :

(6) **The owner must notify this Office when completion of tank abandonment has occurred, on the Notification for Underground Storage Tank Form. This form can be obtained at www.sfm.illinois.gov or by calling (217)785-1020.**

(7) **PERSON, FIRM OR COMPANY PERFORMING WORK:**

Perry Environmental, Inc.
960 Clocktower Drive, Suite I
Springfield, IL 62704

Contact Person: julie keebler
Phone: (217) 546-0702
Contractor Registration # IL002445 Exp. 4/6/2022

Sincerely,

Daniel S. Starks

Daniel Starks

cc: Storage Tank Safety Specialist
Division File

SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
33341i
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1101960	

WEIGHMASTER LORETTA P.
DATE/TIME IN 12/8/20 1:28 pm
DATE/TIME OUT 12/8/20 1:43 p
VEHICLE foster3
CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 46,300 NET TONS 11.74
SCALE OUT TARE WEIGHT 22,820 NET WEIGHT 23,480

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
11.74	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

This is to certify that this load does not contain any hazardous materials, medical waste, liquid waste, or any unauthorized special waste of any type.

THANK YOU AND HAVE A NICE DAY!!!!

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (04/19)

SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK#

SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER 33341i
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1101968	

WEIGHMASTER LORETTA P.
DATE/TIME IN 12/8/20 2:11 pm
DATE/TIME OUT 12/8/20 2:11 pm
VEHICLE foster3
CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 57,960 NET TONS 17.57
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 35,140

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
17.57	tn	SW-CONT SOIL-ALT DAILY Origin:ILLINOIS 100%				
		COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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S-F042UPR (04/19)

SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK#

SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1101972	

WEIGHMASTER LORETTA P.
DATE/TIME IN 12/8/20 2:44 pm
DATE/TIME OUT 12/8/20 2:44 pm
VEHICLE foster3
CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 51,980 NET TONS 14.58
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 29,160

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
14.58	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)

SIGNATURE

SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01	TICKET # 1102047	CELL

WEIGHMASTER JOHN W.
DATE/TIME IN 12/10/20 6:15 am
DATE/TIME OUT 12/10/20 6:15 a
VEHICLE DON23
CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 82,300 NET TONS 23.73
TARE OUT TARE WEIGHT 34,840 NET WEIGHT 47,460

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
23.73	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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NET AMOUNT
TENDERED
CHANGE
CHECK#

S-F042UPR (04/19)

SIGNATURE

SITE: SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER JJJ411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102050 | CELL
WEIGHMASTER JOHN W.
DATE/TIME IN 12/10/20 6:35 AM | DATE/TIME OUT 12/10/20 6:35 AM
VEHICLE DOH26 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 74,420 NET TONS 17.99
TARE OUT TARE WEIGHT 38,440 NET WEIGHT 35,960
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
100.00	TN	Tracking QTY				
17.99	TN	SW-CONT SOIL-ALT DAILY Origin:ILLINOIS 1001				
1.00		COVER				
1.00		ENVIRONMENTAL FEE 1				
		FUEL RECOVERY FEE				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)

SITE: SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER JJJ411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102048 | CELL
WEIGHMASTER JOHN W.
DATE/TIME IN 12/10/20 6:22 AM | DATE/TIME OUT 12/10/20 6:22 AM
VEHICLE DOH59 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 88,480 NET TONS 26.94
TARE OUT TARE WEIGHT 34,600 NET WEIGHT 53,880
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
26.94	TN	Tracking QTY				
		CLOSED SATURDAY				
1.00		SW-CONT SOIL-ALT DAILY Origin:ILLINOIS 1001				
1.00		COVER				
		ENVIRONMENTAL FEE 1				
		FUEL RECOVERY FEE				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY

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CHECK#

RS-F042UPR (04/19)

SITE: SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER JJJ411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102053 | CELL
WEIGHMASTER JOHN W.
DATE/TIME IN 12/10/20 6:43 AM | DATE/TIME OUT 12/10/20 6:59 AM
VEHICLE DOH54 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 91,100 NET TONS 28.77
SCALE OUT TARE WEIGHT 33,560 NET WEIGHT 57,540
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TN	Tracking QTY				
28.77	TN	SW-CONT SOIL-ALT DAILY Origin:ILLINOIS 1001				
1.00		COVER				
1.00		ENVIRONMENTAL FEE 1				
		FUEL RECOVERY FEE				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)

SITE: SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER JJJ411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102049 | CELL
WEIGHMASTER JOHN W.
DATE/TIME IN 12/10/20 6:29 AM | DATE/TIME OUT 12/10/20 6:29 AM
VEHICLE T08163 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 52,520 NET TONS 14.85
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 29,700
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TN	Tracking QTY				
14.85	TN	SW-CONT SOIL-ALT DAILY Origin:ILLINOIS 1001				
1.00		COVER				
1.00		ENVIRONMENTAL FEE 1				
		FUEL RECOVERY FEE				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

This is to certify that this load does not contain any hazardous materials, medical waste, liquid waste, or any unauthorized special waste of any type.
THANK YOU AND HAVE A NICE DAY!!!

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SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102137 | CELL
WEIGHMASTER JOHN W.
DATE/TIME IN 12/10/20 11:03 am | DATE/TIME OUT 12/10/20 11:03 a
VEHICLE foster3 | CONTAINER
REFERENCE
BILL OF LADING

MANUAL IN GROSS WEIGHT 52,800 NET TONS 14.99
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 29,980
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
14.99	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronistor Oil Company

SITE 01 | TICKET # 1102132 | CELL
WEIGHMASTER JOHN W.
DATE/TIME IN 12/10/20 10:52 am | DATE/TIME OUT 12/10/20 10:52 a
VEHICLE DON23 | CONTAINER
REFERENCE
BILL OF LADING

MANUAL IN GROSS WEIGHT 81,940 NET TONS 23.55
TARE OUT TARE WEIGHT 34,840 NET WEIGHT 47,100
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
23.55	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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NET AMOUNT
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CHANGE
CHECK#

RS-F042UPR (04/19)

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102125 | CELL
WEIGHMASTER JOHN W.
DATE/TIME IN 12/10/20 10:40 am | DATE/TIME OUT 12/10/20 10:40 a
VEHICLE DON26 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 60,000 NET TONS 10.78
TARE OUT TARE WEIGHT 38,440 NET WEIGHT 21,560
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
100.00	YD	Tracking QTY				
10.78	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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NET AMOUNT
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CHANGE
CHECK#

RS-F042UPR (04/19)

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102054 | CELL
WEIGHMASTER JOHN W.
DATE/TIME IN 12/10/20 7:01 am | DATE/TIME OUT 12/10/20 7:01 a
VEHICLE don59 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 80,080 NET TONS 22.74
TARE OUT TARE WEIGHT 34,600 NET WEIGHT 45,480
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
22.74	tn	SW-CONT SOIL-ALT DAILY Origin:ILLINOIS 100%				
		COVER				
1.00		ENVIRONMENTAL FEE 1				
1.00		FUEL RECOVERY FEE				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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NET AMOUNT
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CHANGE
CHECK#

RS-F042UPR (04/19)

SITE: SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER: 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102059 | CELL
WEIGHMASTER: JOHN W.
DATE/TIME IN 12/10/20 7:36 am | DATE/TIME OUT 12/10/20 7:36
VEHICLE don59 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 75,280 NET TONS 20.34
TARE OUT TARE WEIGHT 34,600 NET WEIGHT 40,680
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
20.34	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 1001				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)

SITE: SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER: 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102128 | CELL
WEIGHMASTER: JOHN W.
DATE/TIME IN 12/10/20 10:45 am | DATE/TIME OUT 12/10/20 10:45
VEHICLE don54 | CONTAINER
REFERENCE
BILL OF LADING

MANUAL IN GROSS WEIGHT 67,760 NET TONS 17.10
TARE OUT TARE WEIGHT 33,560 NET WEIGHT 34,200
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
17.10	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 1001				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)

SITE: SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER: 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102060 | CELL
WEIGHMASTER: JOHN W.
DATE/TIME IN 12/10/20 7:40 am | DATE/TIME OUT 12/10/20 7:40
VEHICLE foster3 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 46,980 NET TONS 12.08
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 24,160
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
12.08	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 1001				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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NET AMOUNT
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CHANGE
CHECK#

RS-F042UPR (04/19)

SITE: SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER: 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102121 | CELL
WEIGHMASTER: JOHN W.
DATE/TIME IN 12/10/20 10:33 am | DATE/TIME OUT 12/10/20 10:33
VEHICLE don23 | CONTAINER
REFERENCE
BILL OF LADING

MANUAL IN GROSS WEIGHT 81,260 NET TONS 23.21
TARE OUT TARE WEIGHT 34,840 NET WEIGHT 46,420
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
23.21	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 1001				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)

860000

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE: 01 | TICKET #: 1102070 | CELL:
WEIGHMASTER: JOHN W.
DATE/TIME IN: 12/10/20 8:12 am | DATE/TIME OUT: 12/10/20 8:12 a
VEHICLE: DON23 | CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 86,240 NET TONS 25.70 INBOUND
TARE OUT TARE WEIGHT 34,840 NET WEIGHT 51,400 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TO	Tracking QTY				
25.70	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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RS-F042UPR (04/19)

Signature

NET AMOUNT
TENDERED
CHANGE
CHECK#

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE: 01 | TICKET #: 1102063 | CELL:
WEIGHMASTER: JOHN W.
DATE/TIME IN: 12/10/20 7:50 am | DATE/TIME OUT: 12/10/20 7:50 a
VEHICLE: DON26 | CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 72,440 NET TONS 17.00 INBOUND
TARE OUT TARE WEIGHT 38,440 NET WEIGHT 34,000 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
100.00	TO	Tracking QTY				
17.00	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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RS-F042UPR (04/19)

Signature

NET AMOUNT
TENDERED
CHANGE
CHECK#

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE: 01 | TICKET #: 1102077 | CELL:
WEIGHMASTER: JOHN W.
DATE/TIME IN: 12/10/20 8:21 am | DATE/TIME OUT: 12/10/20 8:21 a
VEHICLE: DON59 | CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 77,680 NET TONS 21.54 INBOUND
TARE OUT TARE WEIGHT 34,600 NET WEIGHT 43,080 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
21.54	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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RS-F042UPR (04/19)

Signature

NET AMOUNT
TENDERED
CHANGE
CHECK#

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE: 01 | TICKET #: 1102067 | CELL:
WEIGHMASTER: JOHN W.
DATE/TIME IN: 12/10/20 8:03 am | DATE/TIME OUT: 12/10/20 8:03 a
VEHICLE: DON54 | CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 83,340 NET TONS 24.89 INBOUND
TARE OUT TARE WEIGHT 33,560 NET WEIGHT 49,780 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
24.89	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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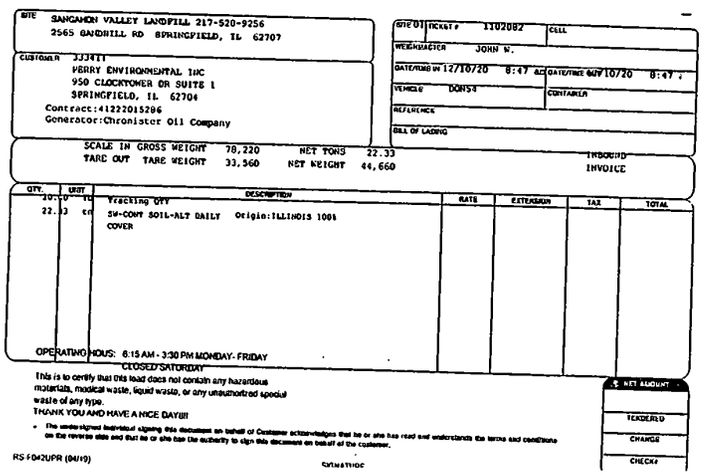
RS-F042UPR (04/19)

Signature

NET AMOUNT
TENDERED
CHANGE
CHECK#

000099



SITE: SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER: 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102082 | CELL
WEIGHMASTER: JOHN W.
DATE/TIME IN 12/10/20 8:47 AM | DATE/TIME OUT 12/10/20 8:47
VEHICLE: DON54 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 78,220 NET TONS 22.33
TARE OUT TARE WEIGHT 33,560 NET WEIGHT 44,660
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TO	Tracking QTY				
22.33	CY	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 1004				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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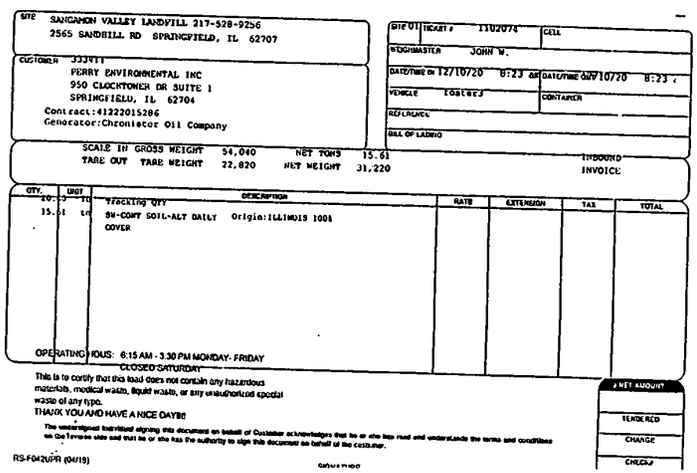
NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)



SITE: SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER: 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102074 | CELL
WEIGHMASTER: JOHN W.
DATE/TIME IN 12/10/20 8:23 AM | DATE/TIME OUT 12/10/20 8:23
VEHICLE: [illegible] | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 54,040 NET TONS 15.61
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 31,220
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TO	Tracking QTY				
15.61	CY	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 1004				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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NET AMOUNT
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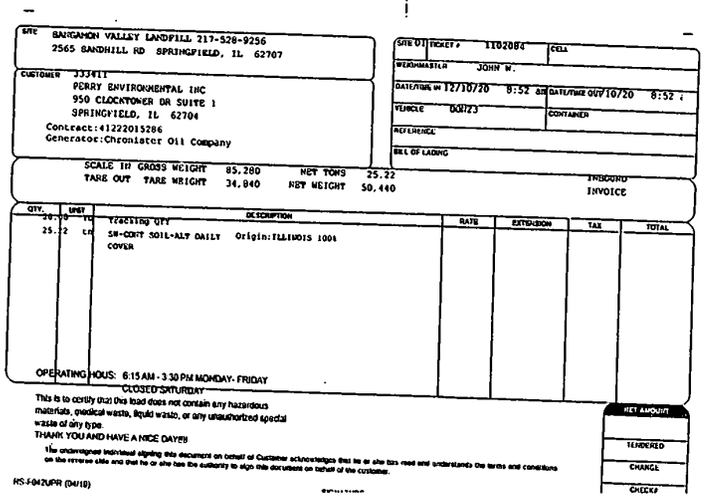
CHANGE
CHECK#

RS-F042UPR (04/19)



SITE: SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER: 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102084 | CELL
WEIGHMASTER: JOHN W.
DATE/TIME IN 12/10/20 8:52 AM | DATE/TIME OUT 12/10/20 8:52
VEHICLE: 00723 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 85,280 NET TONS 25.22
TARE OUT TARE WEIGHT 34,840 NET WEIGHT 50,440
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TO	Tracking QTY				
25.22	CY	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 1004				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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NET AMOUNT
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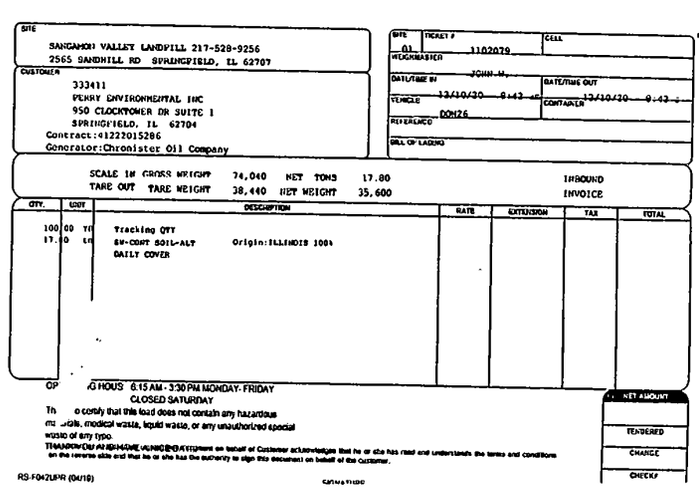
CHANGE
CHECK#

RS-F042UPR (04/19)



SITE: SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER: 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102079 | CELL
WEIGHMASTER: JOHN W.
DATE/TIME IN 12/10/20 8:43 AM | DATE/TIME OUT 12/10/20 8:43
VEHICLE: DON26 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 74,040 NET TONS 17.80
TARE OUT TARE WEIGHT 38,440 NET WEIGHT 35,600
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
100.00	TO	Tracking QTY				
17.80	CY	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 1004				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)

SITE: SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER: JJJ411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015206
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102091 | CELL
WEIGHTMASTER JOHN M.
DATE/TIME IN 12/10/20 9:15 AM | DATE/TIME OUT 12/10/20 9:15
VEHICLE DON26 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 50,500 NET TONS 10.03
TARE OUT TARE WEIGHT 30,440 NET WEIGHT 20,060
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
10.03	tn	SW-CONT SOIL-ALT DAILY Origin:ILLINOIS 1001 COVER				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

This is to certify that this load does not contain any hazardous materials, medical waste, liquid waste, or any unauthorized special waste of any type.
THANK YOU AND HAVE A NICE DAY!!!
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NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)
SIGNATURE

SITE: SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER: JJJ411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015206
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102085 | CELL
WEIGHTMASTER JOHN M.
DATE/TIME IN 12/10/20 8:54 AM | DATE/TIME OUT 12/10/20 8:54
VEHICLE don59 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 78,700 NET TONS 22.05
TARE OUT TARE WEIGHT 34,600 NET WEIGHT 44,100
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
22.05	tn	SW-CONT SOIL-ALT DAILY Origin:ILLINOIS 1001 COVER				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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SIGNATURE

SITE: SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER: JJJ411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015206
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102093 | CELL
WEIGHTMASTER JOHN M.
DATE/TIME IN 12/10/20 9:21 AM | DATE/TIME OUT 12/10/20 9:21
VEHICLE don54 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 72,480 NET TONS 19.46
TARE OUT TARE WEIGHT 33,560 NET WEIGHT 38,920
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
19.46	tn	SW-CONT SOIL-ALT DAILY Origin:ILLINOIS 1001 COVER				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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SITE: SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER: JJJ411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015206
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102087 | CELL
WEIGHTMASTER JOHN M.
DATE/TIME IN 12/10/20 8:59 AM | DATE/TIME OUT 12/10/20 8:59
VEHICLE roster3 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 49,920 NET TONS 13.55
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 27,100
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
13.55	tn	SW-CONT SOIL-ALT DAILY Origin:ILLINOIS 1001 COVER				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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CHANGE
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SIGNATURE

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102101 | CELL
WEIGHMASTER JOHN W.
DATE/TIME IN 12/10/20 9:41 AM | DATE/TIME OUT 12/10/20 9:41 AM
VEHICLE foster3 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 47,280 NET TONS 12.23
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 24,460
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TO	Tracking QTY				
12.23	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102095 | CELL
WEIGHMASTER JOHN W.
DATE/TIME IN 12/10/20 9:27 AM | DATE/TIME OUT 12/10/20 9:27 AM
VEHICLE don23 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 79,760 NET TONS 22.46
TARE OUT TARE WEIGHT 34,840 NET WEIGHT 44,920
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TO	Tracking QTY				
22.46	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102102 | CELL
WEIGHMASTER JOHN W.
DATE/TIME IN 12/10/20 9:55 AM | DATE/TIME OUT 12/10/20 9:55 AM
VEHICLE don26 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 63,200 NET TONS 12.38
TARE OUT TARE WEIGHT 38,440 NET WEIGHT 24,760
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
100.00	TO	Tracking QTY				
12.38	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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SIGNATURE

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102098 | CELL
WEIGHMASTER JOHN W.
DATE/TIME IN 12/10/20 9:35 AM | DATE/TIME OUT 12/10/20 9:35 AM
VEHICLE don59 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 73,860 NET TONS 19.63
TARE OUT TARE WEIGHT 34,600 NET WEIGHT 39,260
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TO	Tracking QTY				
19.63	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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NET AMOUNT
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CHANGE
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SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015206
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102113 | CELL
WEIGHMASTER JOHN W.
DATE/TIME IN 12/10/20 10:11 | DATE/TIME OUT
VEHICLE don59 | CONTAINER 12/10/20 10:11
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 70,560 NET TONS 17.98
TARE OUT TARE WEIGHT 34,600 NET WEIGHT 35,960
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TO	Tracking QTY				
17.98	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 1006				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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NET AMOUNT
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CHANGE
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SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015206
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102110 | CELL
WEIGHMASTER JOHN W.
DATE/TIME IN 12/10/20 10:23 | DATE/TIME OUT
VEHICLE foster | CONTAINER 12/10/20 10:23
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 49,840 NET TONS 13.51
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 27,020
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TO	Tracking QTY				
13.51	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 1006				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015206
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102116 | CELL
WEIGHMASTER JOHN W.
DATE/TIME IN 12/10/20 10:02 | DATE/TIME OUT 12/10/20 10:02
VEHICLE DON54 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 63,580 NET TONS 15.01
TARE OUT TARE WEIGHT 33,560 NET WEIGHT 30,070
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TO	Tracking QTY				
15.01	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 1006				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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NET AMOUNT
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SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015206
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102112 | CELL
WEIGHMASTER JOHN W.
DATE/TIME IN 12/10/20 10:09 | DATE/TIME OUT 12/10/20 10:09
VEHICLE DON23 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 75,920 NET TONS 20.54
TARE OUT TARE WEIGHT 34,840 NET WEIGHT 41,080
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TO	Tracking QTY				
20.54	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 1006				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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CHANGE
CHECK#

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SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102131	

WEIGHMASTER: JOHN W.
DATE/TIME IN: 12/10/20 10:51 am
DATE/TIME OUT: 12/10/20 10:51 c
VEHICLE: DON23
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 72,380 NET TONS 10.77
TARE OUT TARE WEIGHT 34,840 NET WEIGHT 37,540
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
10.77	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102124	

WEIGHMASTER: JOHN W.
DATE/TIME IN: 12/10/20 10:30 am
DATE/TIME OUT: 12/10/20 10:30 c
VEHICLE: DON26
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 60,000 NET TONS 10.78
TARE OUT TARE WEIGHT 38,440 NET WEIGHT 21,560
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
100.00	YD	Tracking QTY				
10.78	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102134	

WEIGHMASTER: JOHN W.
DATE/TIME IN: 12/10/20 10:57 am
DATE/TIME OUT: 12/10/20 10:57 c
VEHICLE: don59
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 75,540 NET TONS 20.47
TARE OUT TARE WEIGHT 34,600 NET WEIGHT 40,940
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
20.47	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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CHANGE
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SIGNATURE

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102122	

WEIGHMASTER: JOHN W.
DATE/TIME IN: 12/10/20 10:44 am
DATE/TIME OUT: 12/10/20 10:44 c
VEHICLE: DON54
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 74,220 NET TONS 20.33
TARE OUT TARE WEIGHT 33,560 NET WEIGHT 40,660
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
20.33	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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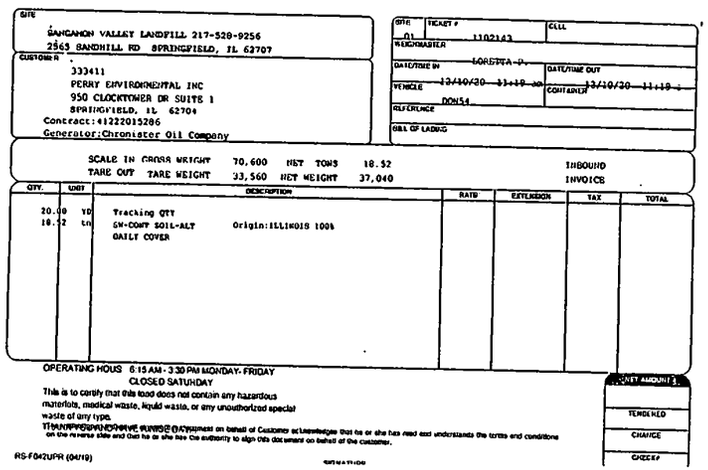
SIGNATURE



SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102143 | CELL
WEIGHTMASTER LORETTA P.
DATE/TIME IN 12/10/20 11:18 am | DATE/TIME OUT 12/10/20 11:19 a
VEHICLE DON54 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 70,600 NET TONS 18.52
TARE OUT TARE WEIGHT 33,560 NET WEIGHT 37,040
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
18.52	tn	SW-COVT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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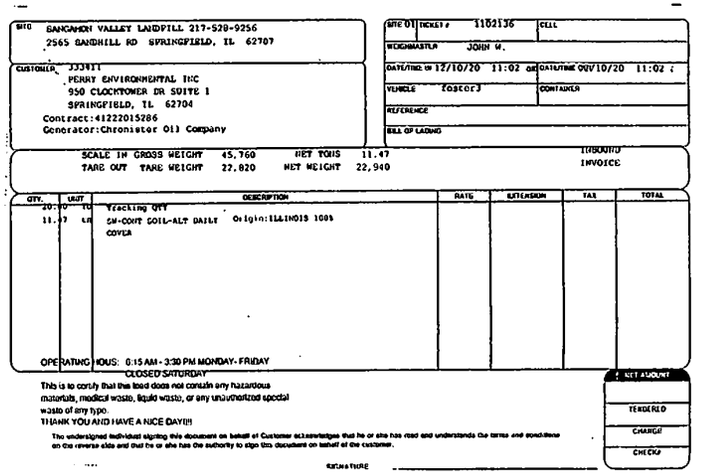
NET AMOUNT $
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)



SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102136 | CELL
WEIGHTMASTER JOHN W.
DATE/TIME IN 12/10/20 11:02 am | DATE/TIME OUT 12/10/20 11:02 a
VEHICLE [illegible] | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 45,760 NET TONS 11.47
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 22,940
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
11.47	tn	SW-COVT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
This is to certify that this load does not contain any hazardous materials, medical waste, liquid waste, or any unauthorized special waste of any type.
THANK YOU AND HAVE A NICE DAY!!!
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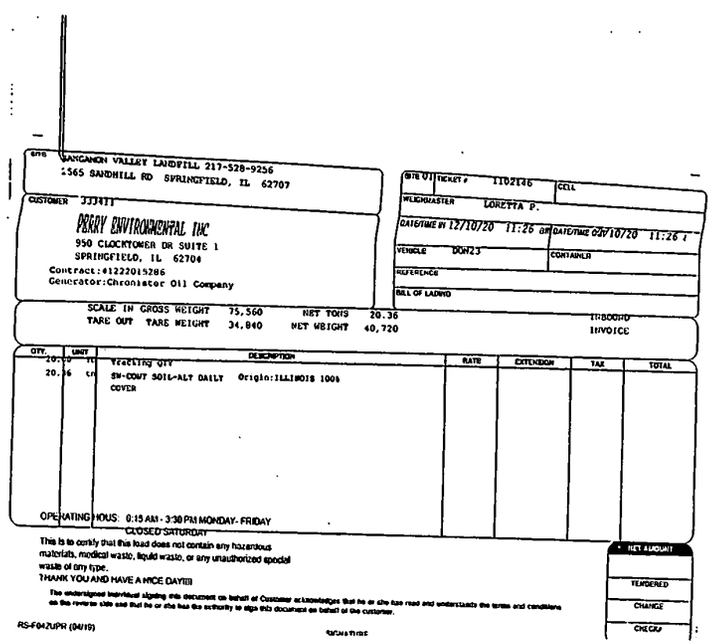
NET AMOUNT $
TENDERED
CHANGE
CHECK#



SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102146 | CELL
WEIGHTMASTER LORETTA P.
DATE/TIME IN 12/10/20 11:26 am | DATE/TIME OUT 12/10/20 11:26 a
VEHICLE DON23 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 75,560 NET TONS 20.36
TARE OUT TARE WEIGHT 34,840 NET WEIGHT 40,720
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
20.36	tn	SW-COVT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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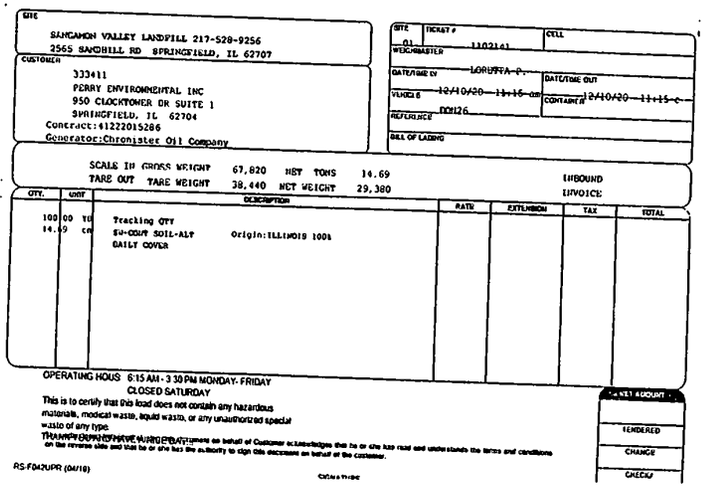
NET AMOUNT $
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)



SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102141 | CELL
WEIGHTMASTER LORETTA P.
DATE/TIME IN 12/10/20 11:15 am | DATE/TIME OUT 12/10/20 11:15 c
VEHICLE DON26 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 67,820 NET TONS 14.69
TARE OUT TARE WEIGHT 38,440 NET WEIGHT 29,380
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
100.00	YD	Tracking QTY				
14.69	tn	SW-COVT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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NET AMOUNT $
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)

SITE

SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER

333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102154	

WEIGHMASTER: LORETTA P.
DATE/TIME IN: 12/10/20 11:53 am
DATE/TIME OUT: 12/10/20 11:53 a
VEHICLE: DON26
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 64,120 NET TONS 12.84
TARE OUT TARE WEIGHT 38,440 NET WEIGHT 25,680
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
100.00	YD	Tracking QTY				
12.84	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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RS-F042UPR (04/19)

SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK#

SITE

SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER

333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102148	

WEIGHMASTER: LORETTA P.
DATE/TIME IN: 12/10/20 11:32 am
DATE/TIME OUT: 12/10/20 11:32 a
VEHICLE: don59
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 74,000 NET TONS 19.70
TARE OUT TARE WEIGHT 34,600 NET WEIGHT 39,400
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
19.70	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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RS-F042UPR (04/19)

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NET AMOUNT
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CHANGE
CHECK#

SITE

SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER

333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102155	

WEIGHMASTER: LORETTA P.
DATE/TIME IN: 12/10/20 11:55 am
DATE/TIME OUT: 12/10/20 11:56 a
VEHICLE: DON54
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 65,700 NET TONS 16.07
TARE OUT TARE WEIGHT 33,560 NET WEIGHT 32,140
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
16.07	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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SIGNATURE ____

NET AMOUNT
TENDERED
CHANGE
CHECK#

SITE

SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER

333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102149	

WEIGHMASTER: LORETTA P.
DATE/TIME IN: 12/10/20 11:39 am
DATE/TIME OUT: 12/10/20 11:39 a
VEHICLE: foster3
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 49,500 NET TONS 13.34
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 26,680
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
13.34	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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RS-F042UPR (04/19)

SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK#

SITE: SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER: 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102170	

WEIGHMASTER: LORETTA P.
DATE/TIME IN: 12/10/20 12:24 pm — DATE/TIME OUT: 12/10/20 12:24 p
VEHICLE: DON26 — CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 63,580 NET TONS 12.57
TARE OUT TARE WEIGHT 38,440 NET WEIGHT 25,140
INBOUND INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
100.00	YD	Tracking QTY				
12.57	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY-FRIDAY
CLOSED SATURDAY
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NET AMOUNT / TENDERED / CHANGE / CHECK#

SIGNATURE

RS-F042UPR (04/19)

SITE: SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER: 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102162	

WEIGHMASTER: LORETTA P.
DATE/TIME IN: 12/10/20 12:07 pm — DATE/TIME OUT: 12/10/20 12:07 p
VEHICLE: DON23 — CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 76,760 NET TONS 20.96
TARE OUT TARE WEIGHT 34,840 NET WEIGHT 41,920
INBOUND INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
20.96	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY-FRIDAY
CLOSED SATURDAY
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NET AMOUNT / TENDERED / CHANGE / CHECK#

SIGNATURE

RS-F042UPR (04/10)

SITE: SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER: 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102172	

WEIGHMASTER: LORETTA P.
DATE/TIME IN: 12/10/20 12:39 pm — DATE/TIME OUT: 12/10/20 12:39 p
VEHICLE: DON54 — CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 76,440 NET TONS 21.44
TARE OUT TARE WEIGHT 33,560 NET WEIGHT 42,880
INBOUND INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
21.44	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY-FRIDAY
CLOSED SATURDAY
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NET AMOUNT / TENDERED / CHANGE / CHECK#

SIGNATURE

RS-F042UPR (04/19)

SITE: SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER: 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102164	

WEIGHMASTER: LORETTA P.
DATE/TIME IN: 12/10/20 12:13 pm — DATE/TIME OUT: 12/10/20 12:13 p
VEHICLE: [illegible] — CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 47,040 NET TONS 12.11
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 24,220
INBOUND INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
12.11	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY-FRIDAY
CLOSED SATURDAY
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NET AMOUNT / TENDERED / CHANGE / CHECK#

SIGNATURE

RS-F042UPR (04/19)

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015206
Generator:Chronister Oil Company

SITE: 01 | TICKET #: 1102182 | CELL:
WEIGHMASTER: LORETTA P.
DATE/TIME IN: 12/10/20 12:52 pm | DATE/TIME OUT: 12/10/20 1:09 pm
VEHICLE: don27 | CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 72,060 NET TONS 18.26
SCALE OUT TARE WEIGHT 35,540 NET WEIGHT 36,520
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TO	Tracking QTY				
18.26	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 1001				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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NET AMOUNT
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CHANGE
CHECK#

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015206
Generator:Chronister Oil Company

SITE: 01 | TICKET #: 1102173 | CELL:
WEIGHMASTER: LORETTA P.
DATE/TIME IN: 12/10/20 12:43 pm | DATE/TIME OUT: 12/10/20 12:43 pm
VEHICLE: DON23 | CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 73,640 NET TONS 19.40
TARE OUT TARE WEIGHT 34,840 NET WEIGHT 38,800
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TO	Tracking QTY				
19.40	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 1001				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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SITE
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CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015206
Generator:Chronister Oil Company

SITE: 01 | TICKET #: 1102183 | CELL:
WEIGHMASTER: LORETTA P.
DATE/TIME IN: 12/10/20 1:11 pm | DATE/TIME OUT: 12/10/20 1:11 pm
VEHICLE: DON26 | CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 62,600 NET TONS 12.08
TARE OUT TARE WEIGHT 38,440 NET WEIGHT 24,160
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TO	Tracking QTY				
12.08	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 1001				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015206
Generator:Chronister Oil Company

SITE: 01 | TICKET #: 1102176 | CELL:
WEIGHMASTER: LORETTA P.
DATE/TIME IN: 12/10/20 12:48 pm | DATE/TIME OUT: 12/10/20 12:49 pm
VEHICLE: foster3 | CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 50,400 NET TONS 13.79
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 27,580
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TO	Tracking QTY				
13.79	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 1001				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102189 | CELL
WEIGHMASTER LORETTA P.
DATE/TIME IN 12/10/20 1:30 pm | DATE/TIME OUT 12/10/20 1:30 pm
VEHICLE don27 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 66,240 NET TONS 15.35
TARE OUT TARE WEIGHT 35,540 NET WEIGHT 30,700
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TO	Tracking QTY				
15.35	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 1001				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102184 | CELL
WEIGHMASTER LORETTA P.
DATE/TIME IN 12/10/20 1:15 pm | DATE/TIME OUT 12/10/20 1:15 pm
VEHICLE DON54 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 59,900 NET TONS 13.17
TARE OUT TARE WEIGHT 33,560 NET WEIGHT 26,340
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TO	Tracking QTY				
13.17	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 1001				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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RS-F042UPR (04/19) SIGNATURE

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102196 | CELL
WEIGHMASTER LORETTA P.
DATE/TIME IN 12/10/20 1:49 pm | DATE/TIME OUT 12/10/20 1:49 pm
VEHICLE DON26 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 63,960 NET TONS 12.76
TARE OUT TARE WEIGHT 38,440 NET WEIGHT 25,520
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TO	Tracking QTY				
12.76	tn	SW-CONT SOIL-ALT DAILY Origin:ILLINOIS 1001				
		COVER				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102186 | CELL
WEIGHMASTER LORETTA P.
DATE/TIME IN 12/10/20 1:21 pm | DATE/TIME OUT 12/10/20 1:21 pm
VEHICLE forcer | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 52,460 NET TONS 14.82
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 29,640
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TO	Tracking QTY				
14.82	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 1001				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
This is to certify that this load does not contain any hazardous materials, medical waste, liquid waste, or any unauthorized special waste of any type.
THANK YOU AND HAVE A NICE DAY!!!
The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19) SIGNATURE

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102201	
WEIGHMASTER	LORETTA P.	
DATE/TIME IN	12/10/20 2:01 pm	DATE/TIME OUT 12/10/20 2:01 p
VEHICLE	DON23	CONTAINER
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 70,820 NET TONS 17.99
TARE OUT TARE WEIGHT 34,840 NET WEIGHT 35,980
INBOUND INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
17.99	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
This is to certify that this load does not contain any hazardous materials, medical waste, liquid waste, or any unauthorized special waste of any type.
THANK YOU AND HAVE A GOOD DAY! Driver on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

NET AMOUNT | TENDERED | CHANGE | CHECK#

RS-F042UPR (04/19) SIGNATURE

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102196	
WEIGHMASTER	LORETTA P.	
DATE/TIME IN	12/10/20 1:49 pm	DATE/TIME OUT 12/10/20 1:49 p
VEHICLE	DON26	CONTAINER
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 63,960 NET TONS 12.76
TARE OUT TARE WEIGHT 38,440 NET WEIGHT 25,520
INBOUND INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
12.76	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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RS-F042UPR (04/19) SIGNATURE

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102203	
WEIGHMASTER	LORETTA P.	
DATE/TIME IN	12/10/20 2:05 pm	DATE/TIME OUT 12/10/20 2:05 p
VEHICLE	Foster	CONTAINER
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 47,720 NET TONS 12.45
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 24,900
INBOUND INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
12.45	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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NET AMOUNT | TENDERED | CHANGE | CHECK#

RS-F042UPR (04/19) SIGNATURE

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102198	
WEIGHMASTER	LORETTA P.	
DATE/TIME IN	12/10/20 1:55 pm	DATE/TIME OUT 12/10/20 1:55 p
VEHICLE	DON54	CONTAINER
REFERENCE		
BILL OF LADING		

SCALE IN GROSS WEIGHT 71,700 NET TONS 19.07
TARE OUT TARE WEIGHT 33,560 NET WEIGHT 38,140
INBOUND INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
19.07	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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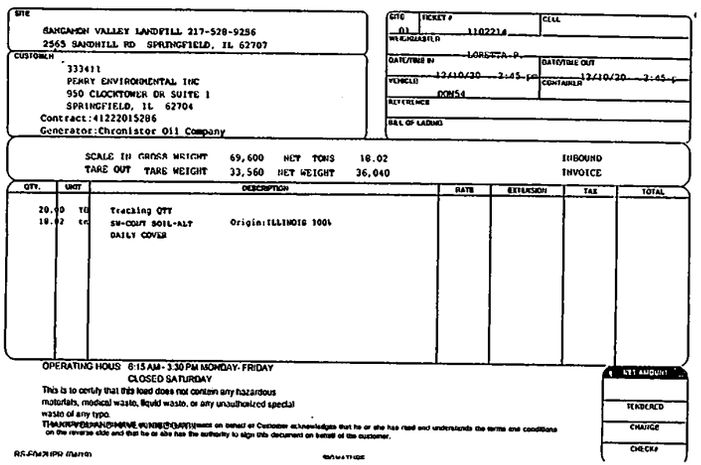
NET AMOUNT | TENDERED | CHANGE | CHECK#

RS-F042UPR (04/19) SIGNATURE



SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102214 | CELL
WEIGHMASTER LORETTA P.
DATE/TIME IN 12/10/20 2:45 pm | DATE/TIME OUT 12/10/20 3:45 pm
VEHICLE DON54 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 69,600 NET TONS 18.02 INBOUND
TARE OUT TARE WEIGHT 33,560 NET WEIGHT 36,040 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TO	Tracking QTY				
18.02	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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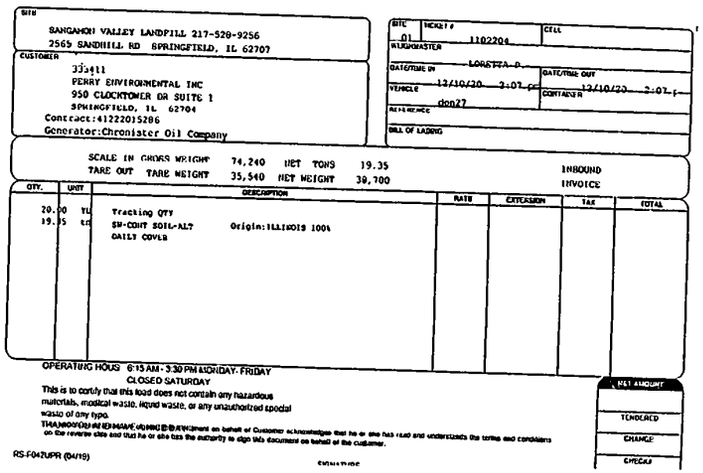
NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19) SIGNATURE



SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102204 | CELL
WEIGHMASTER
DATE/TIME IN 12/10/20 3:07 pm | DATE/TIME OUT 12/10/20 3:07 pm
VEHICLE don27 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 74,240 NET TONS 19.35 INBOUND
TARE OUT TARE WEIGHT 35,540 NET WEIGHT 38,700 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TO	Tracking QTY				
19.35	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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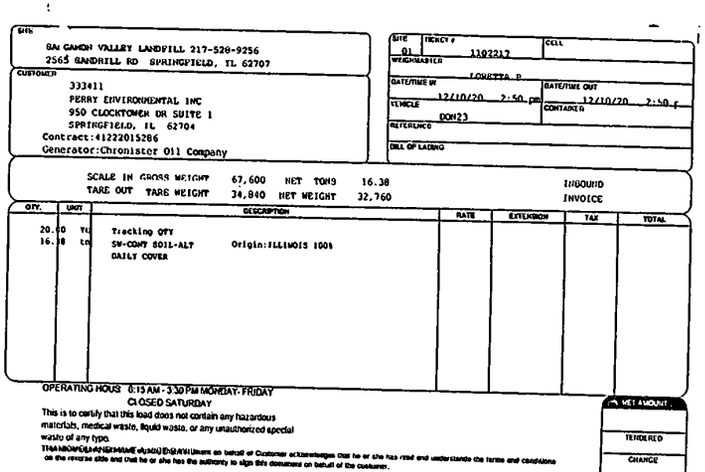
NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19) SIGNATURE



SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102212 | CELL
WEIGHMASTER
DATE/TIME IN 12/10/20 2:50 pm | DATE/TIME OUT 12/10/20 2:50 pm
VEHICLE DON23 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 67,600 NET TONS 16.38 INBOUND
TARE OUT TARE WEIGHT 34,840 NET WEIGHT 32,760 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TO	Tracking QTY				
16.38	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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NET AMOUNT
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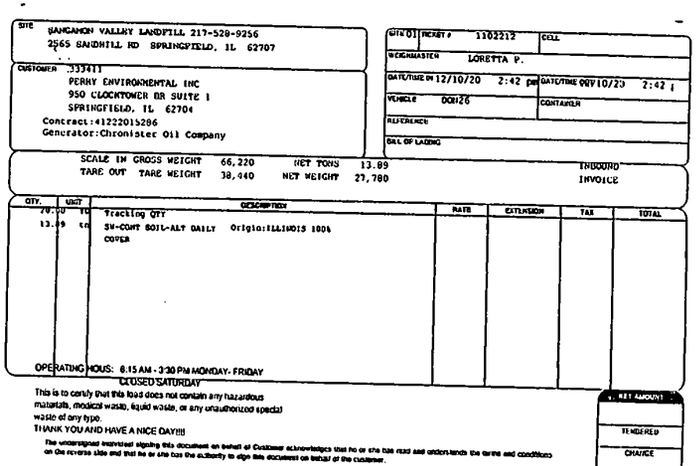
CHANGE
CHECK#

RS-F042UPR (04/19)



SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102212 | CELL
WEIGHMASTER LORETTA P.
DATE/TIME IN 12/10/20 2:42 pm | DATE/TIME OUT 12/10/20 2:42 pm
VEHICLE DON26 | CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 66,220 NET TONS 13.89 INBOUND
TARE OUT TARE WEIGHT 38,440 NET WEIGHT 27,780 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TO	Tracking QTY				
13.89	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
This is to certify that this load does not contain any hazardous materials, medical waste, liquid waste, or any unauthorized special waste of any type.
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NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19) SIGNATURE

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

SITE	TICKET #	CELL
01	1102226	

WEIGHMASTER: LORETTA P.
DATE/TIME IN: 12/11/20 6:10 am
DATE/TIME OUT: 12/11/20 6:15 a
VEHICLE: don27
CONTAINER:
REFERENCE:
BILL OF LADING:

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronistor Oil Company

SCALE IN GROSS WEIGHT 68,760 NET TONS 16.61
TARE OUT TARE WEIGHT 35,540 NET WEIGHT 33,220
INBOUND INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
16.61	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)
SIGNATURE

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

SITE	TICKET #	CELL
01	1102219	

WEIGHMASTER: LORETTA P.
DATE/TIME IN: 12/10/20 2:53 pm
DATE/TIME OUT: 12/10/20 2:53 p
VEHICLE: foster3
CONTAINER:
REFERENCE:
BILL OF LADING:

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronistor Oil Company

SCALE IN GROSS WEIGHT 40,480 NET TONS 12.83
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 25,660
INBOUND INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
12.83	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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NET AMOUNT
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CHANGE
CHECK#

RS-F042UPR (04/19)
SIGNATURE

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

SITE	TICKET #	CELL
01	1102227	

WEIGHMASTER: LORETTA P.
DATE/TIME IN: 12/11/20 6:22 am
DATE/TIME OUT: 12/11/20 6:22 a
VEHICLE: don59
CONTAINER:
REFERENCE:
BILL OF LADING:

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronistor Oil Company

SCALE IN GROSS WEIGHT 65,100 NET TONS 15.25
TARE OUT TARE WEIGHT 34,600 NET WEIGHT 30,500
INBOUND INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
15.25	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)
SIGNATURE

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

SITE	TICKET #	CELL
01	1102220	

WEIGHMASTER: LORETTA P.
DATE/TIME IN: 12/10/20 3:57 pm
DATE/TIME OUT: 12/10/20 3:57 p
VEHICLE: don27
CONTAINER:
REFERENCE:
BILL OF LADING:

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronistor Oil Company

SCALE IN GROSS WEIGHT 65,480 NET TONS 14.97
TARE OUT TARE WEIGHT 35,540 NET WEIGHT 29,940
INBOUND INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
14.97	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)
SIGNATURE

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE: 01
TICKET #: 1102232
CELL:
WEIGHMASTER: LORETTA P.
DATE/TIME IN: 12/11/20 6:47 am
DATE/TIME OUT: 12/11/20 6:47 a
VEHICLE: DON54
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 84,340 NET TONS 25.39
TARE OUT TARE WEIGHT 33,560 NET WEIGHT 50,780
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
25.39	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE: 01
TICKET #: 1102230
CELL:
WEIGHMASTER: LORETTA P.
DATE/TIME IN: 12/11/20 6:30 am
DATE/TIME OUT: 12/11/20 6:30 a
VEHICLE: DON26
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 59,700 NET TONS 10.63
TARE OUT TARE WEIGHT 38,440 NET WEIGHT 21,260
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
10.63	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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SIGNATURE

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CHANGE
CHECK#

RS-F042UPR (04/19)

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE: 01
TICKET #: 1102282
CELL:
WEIGHMASTER: LORETTA P.
DATE/TIME IN: 12/11/20 10:20 am
DATE/TIME OUT: 12/11/20 10:20 a
VEHICLE: don59
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 58,140 NET TONS 11.77
TARE OUT TARE WEIGHT 34,600 NET WEIGHT 23,540
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
11.77	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE: 01
TICKET #: 1102231
CELL:
WEIGHMASTER: LORETTA P.
DATE/TIME IN: 12/11/20 6:32 am
DATE/TIME OUT: 12/11/20 6:32 a
VEHICLE: foster3
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 46,620 NET TONS 11.90
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 23,800
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
11.90	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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NET AMOUNT
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CHANGE
CHECK#

RS-F042UPR (04/19)

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015206
Generator:Chronister Oil Company

SITE 01 TICKET # 1102262 CELL
WEIGHMASTER LORETTA P.
DATE/TIME IN 12/11/20 9:16 AM DATE/TIME OUT 12/11/20 9:16
VEHICLE dan59 CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 54,340 NET TONS 9.87
TARE OUT TARE WEIGHT 34,600 NET WEIGHT 19,740

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TI	Tracking QTY				
9.87	CY	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

This is to certify that this load does not contain any hazardous materials, medical waste, liquid waste, or any unauthorized special waste of any type.
THANK YOU AND HAVE A NICE DAY!!!!

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SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015206
Generator:Chronister Oil Company

SITE 01 TICKET # 1102258 CELL
WEIGHMASTER LORETTA P.
DATE/TIME IN 12/11/20 8:54 AM DATE/TIME OUT 12/11/20 8:54
VEHICLE dan27 CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 66,260 NET TONS 15.36
TARE OUT TARE WEIGHT 35,540 NET WEIGHT 30,720

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TI	Tracking QTY				
15.36	CY	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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CHECK#

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SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015206
Generator:Chronister Oil Company

SITE 01 TICKET # 1102264 CELL
WEIGHMASTER LORETTA P.
DATE/TIME IN 12/11/20 9:21 AM DATE/TIME OUT 12/11/20 9:21
VEHICLE (gator3) CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 40,320 NET TONS 8.75
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 17,500

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TI	Tracking QTY				
8.75	CY	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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CHANGE
CHECK#

RS-F042UPR (04/19)

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015206
Generator:Chronister Oil Company

SITE 01 TICKET # 1102259 CELL
WEIGHMASTER LORETTA P.
DATE/TIME IN 12/11/20 9:08 AM DATE/TIME OUT 12/11/20 9:08
VEHICLE dan26 CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 53,120 NET TONS 7.34
TARE OUT TARE WEIGHT 38,440 NET WEIGHT 14,680

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TI	Tracking QTY				
7.34	CY	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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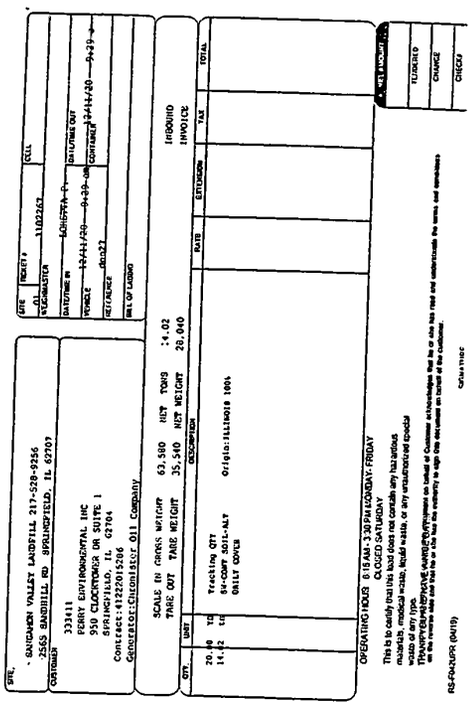
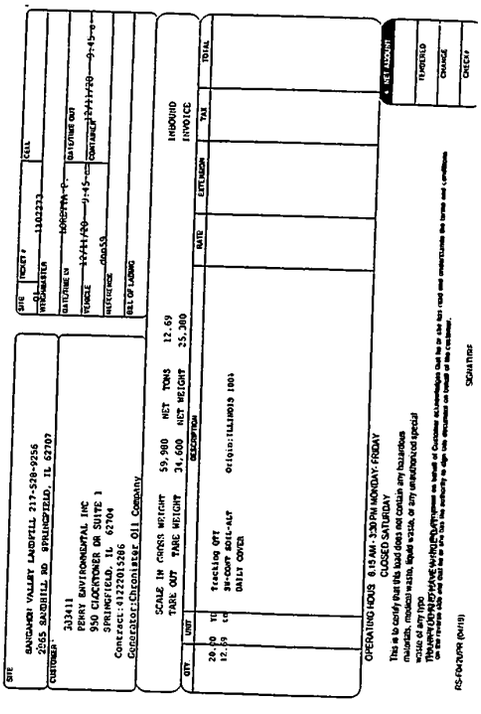
NET AMOUNT
TENDERED
CHANGE
CHECK#

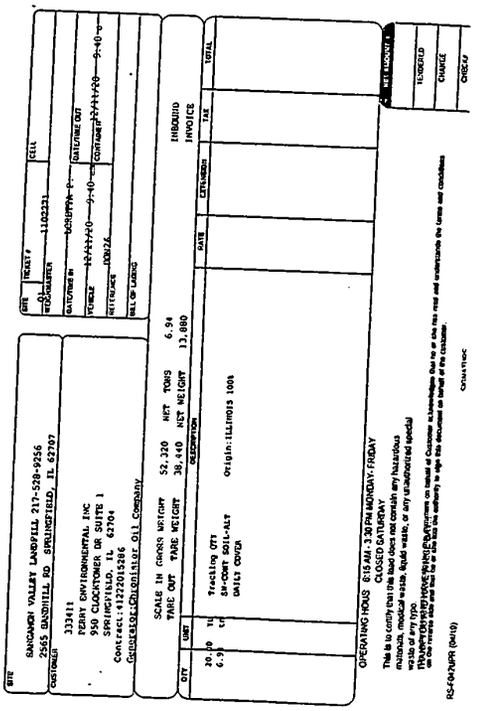
RS-F042UPR (04/19)



SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707
CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chromalloy Oil Company
SITE 01 TICKET# 1102267 CELL
WEIGHMASTER
DATE/TIME IN DATE/TIME OUT
VEHICLE CONTAINER
REFERENCE
BILL OF LADING
SCALE IN GROSS WEIGHT 63,580 NET TONS 14.02
TARE OUT TARE WEIGHT 35,540 NET WEIGHT 28,040
INBOUND INVOICE
QTY. UNIT DESCRIPTION RATE EXTENSION TAX TOTAL
20.00 TN Tracking OFT
14.02 CY 3A-COMP SOIL-ALT Origin:ILLINOIS 1004
DAILY COVER
OPERATING HOUR 6:15 AM - 3:30 PM MONDAY-FRIDAY
CLOSED SATURDAY
This is to certify that this load does not contain any hazardous materials, medical waste, liquid waste, or any unauthorized special waste of any type.
TENDERED
CHANGE
CHECK
RS-FM3UPR (04/19)



SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707
CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chromalloy Oil Company
SITE 01 TICKET# 1102233 CELL
WEIGHMASTER
DATE/TIME IN DATE/TIME OUT
VEHICLE CONTAINER
REFERENCE
BILL OF LADING
SCALE IN GROSS WEIGHT 59,980 NET TONS 12.69
TARE OUT TARE WEIGHT 34,600 NET WEIGHT 25,380
INBOUND INVOICE
QTY. UNIT DESCRIPTION RATE EXTENSION TAX TOTAL
20.00 TN Tracking OFT
12.69 CY 3A-COMP SOIL-ALT Origin:ILLINOIS 1004
DAILY COVER
OPERATING HOUR 6:15 AM - 3:30 PM MONDAY-FRIDAY
CLOSED SATURDAY
This is to certify that this load does not contain any hazardous materials, medical waste, liquid waste, or any unauthorized special waste of any type.
TENDERED
CHANGE
CHECK
RS-FM3UPR (04/19)



SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707
CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chromalloy Oil Company
SITE 01 TICKET# 1102231 CELL
WEIGHMASTER
DATE/TIME IN DATE/TIME OUT
VEHICLE CONTAINER
REFERENCE
BILL OF LADING
SCALE IN GROSS WEIGHT 52,220 NET TONS 6.94
TARE OUT TARE WEIGHT 38,440 NET WEIGHT 13,880
INBOUND INVOICE
QTY. UNIT DESCRIPTION RATE EXTENSION TAX TOTAL
20.00 TN Tracking OFT
6.94 CY 3A-COMP SOIL-ALT Origin:ILLINOIS 1004
DAILY COVER
OPERATING HOUR 6:15 AM - 3:30 PM MONDAY-FRIDAY
CLOSED SATURDAY
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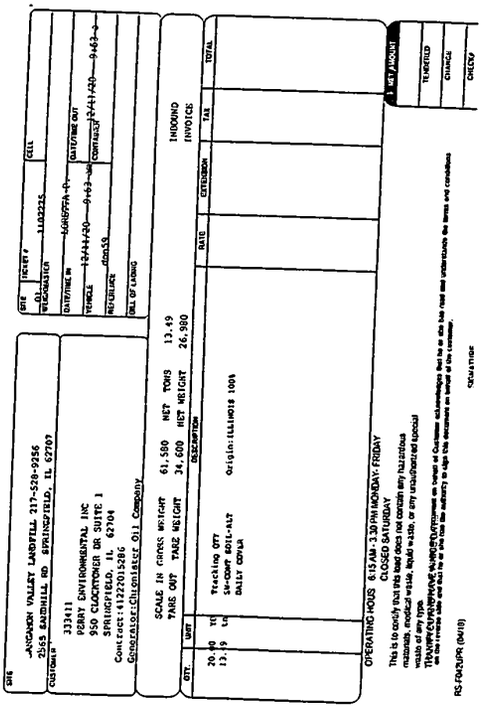
TENDERED
CHANGE
CHECK
RS-FM3UPR (04/19)



SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707
CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chromalloy Oil Company
SITE 01 TICKET# 1102225 CELL
WEIGHMASTER
DATE/TIME IN DATE/TIME OUT
VEHICLE CONTAINER
REFERENCE
BILL OF LADING
SCALE IN GROSS WEIGHT 61,580 NET TONS 13.49
TARE OUT TARE WEIGHT 34,600 NET WEIGHT 26,980
INBOUND INVOICE
QTY. UNIT DESCRIPTION RATE EXTENSION TAX TOTAL
20.00 TN Tracking OFT
12.49 CY 3A-COMP SOIL-ALT Origin:ILLINOIS 1004
DAILY COVER
OPERATING HOUR 6:15 AM - 3:30 PM MONDAY-FRIDAY
CLOSED SATURDAY
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TENDERED
CHANGE
CHECK
RS-FM3UPR (04/19)

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102280	

WEIGHMASTER
DATE/TIME IN LORETTA P. 12/11/20 10:22 am
DATE/TIME OUT 12/11/20 10:33 a
VEHICLE don26
CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 44,740 NET TONS 3.15
TARE OUT TARE WEIGHT 38,440 NET WEIGHT 6,300
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TO	Tracking QTY				
3.15	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102276	

WEIGHMASTER
DATE/TIME IN LORETTA C. 12/11/20 9:56 am
DATE/TIME OUT 12/11/20 9:56 a
VEHICLE forer3
CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 44,460 NET TONS 10.82
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 21,640
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TO	Tracking QTY				
10.82	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102285	

WEIGHMASTER
DATE/TIME IN LORETTA P. 12/11/20 10:37 am
DATE/TIME OUT 12/11/20 10:37 a
VEHICLE don59
CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 62,800 NET TONS 14.10
TARE OUT TARE WEIGHT 34,600 NET WEIGHT 28,200
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TO	Tracking QTY				
14.10	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102277	

WEIGHMASTER
DATE/TIME IN LORETTA P. 12/11/20 10:01 am
DATE/TIME OUT 12/11/20 10:01 a
VEHICLE don27
CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 57,720 NET TONS 11.09
TARE OUT TARE WEIGHT 35,540 NET WEIGHT 22,180
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	TO	Tracking QTY				
11.09	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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NET AMOUNT
TENDERED
CHANGE
CHECK#

RS-F042UPR (04/19)

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707
CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102290	
WEIGHMASTER	LORETTA-P.	
DATE/TIME IN	DATE/TIME OUT	
VEHICLE 12/11/20 10:47 am	CONTAINER 12/11/20 10:47 a	
REFERENCE don27		
BILL OF LADING		

SCALE IN GROSS WEIGHT 60,040 NET TONS 12.25
TARE OUT TARE WEIGHT 35,540 NET WEIGHT 24,500
INBOUND INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
12.25	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOURS 6:15 AM - 3:30 PM MONDAY - FRIDAY
CLOSED SATURDAY
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TENDERED
CHANGE
CHECK#

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707
CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102308	1
WEIGHMASTER	LORETTA-P.	
DATE/TIME IN	DATE/TIME OUT	
VEHICLE 12/11/20 11:56 am	CONTAINER 12/11/20 11:56 a	
REFERENCE don59		
BILL OF LADING		

SCALE IN GROSS WEIGHT 55,220 NET TONS 10.31
TARE OUT TARE WEIGHT 34,600 NET WEIGHT 20,620
INBOUND INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
10.31	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOURS 6:15 AM - 3:30 PM MONDAY - FRIDAY
CLOSED SATURDAY
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SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK#

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707
CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102306	
WEIGHMASTER	LORETTA-P.	
DATE/TIME IN	DATE/TIME OUT	
VEHICLE 12/11/20 11:48 am	CONTAINER 12/11/20 11:48 a	
REFERENCE don26		
BILL OF LADING		

SCALE IN GROSS WEIGHT 49,140 NET TONS 5.35
TARE OUT TARE WEIGHT 38,440 NET WEIGHT 10,700
INBOUND INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
5.35	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOURS 6:15 AM - 3:30 PM MONDAY - FRIDAY
CLOSED SATURDAY
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SIGNATURE

NET AMOUNT
TENDERED
CHANGE
CHECK#

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707
CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102288	
WEIGHMASTER	LORETTA-P.	
DATE/TIME IN	DATE/TIME OUT	
VEHICLE 12/11/20 10:41 am	CONTAINER 12/11/20 10:41 a	
REFERENCE foster3		
BILL OF LADING		

SCALE IN GROSS WEIGHT 44,040 NET TONS 10.61
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 21,220
INBOUND INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
10.61	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOURS 6:15 AM - 3:30 PM MONDAY - FRIDAY
CLOSED SATURDAY
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SIGNATURE

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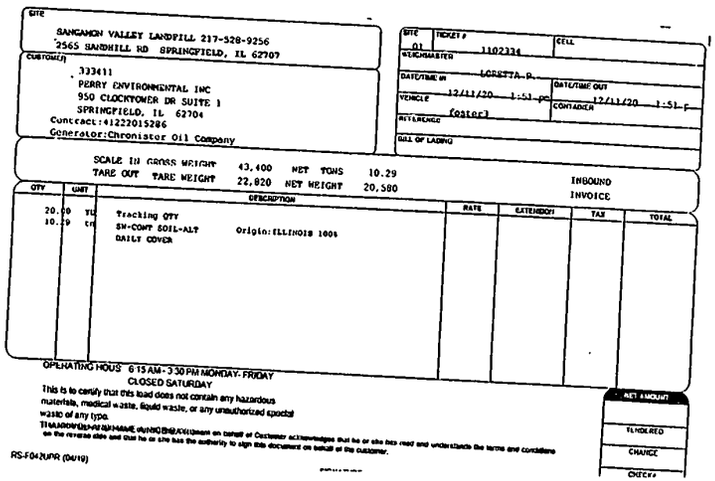
TENDERED
CHANGE
CHECK#



SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707
CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company
SITE 01 TICKET # 1102334 CELL
WEIGHMASTER LORETTA P.
DATE/TIME IN 12/11/20 1:51 pm DATE/TIME OUT 12/11/20 1:51 p
VEHICLE foster3 CONTAINER
REFERENCE
BILL OF LADING
SCALE IN GROSS WEIGHT 43,400 NET TONS 10.29
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 20,580
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
10.29	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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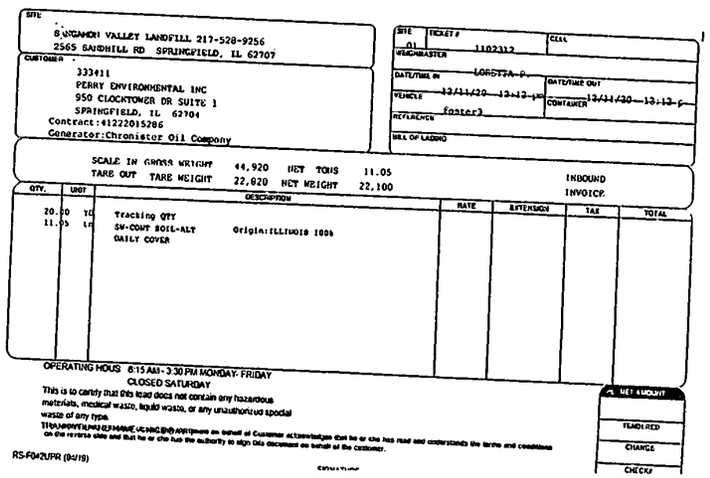
RS-F042UPR (04/19)
SIGNATURE
NET AMOUNT
TENDERED
CHANGE
CHECK#



SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707
CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company
SITE 01 TICKET # 1102312 CELL
WEIGHMASTER LORETTA P.
DATE/TIME IN 12/11/20 12:12 pm DATE/TIME OUT 12/11/20 12:13 p
VEHICLE foster3 CONTAINER
REFERENCE
BILL OF LADING
SCALE IN GROSS WEIGHT 44,920 NET TONS 11.05
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 22,100
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
11.05	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
This is to certify that this load does not contain any hazardous materials, medical waste, liquid waste, or any unauthorized special waste of any type.
THANK YOU AND HAVE A NICE DAY!!!!
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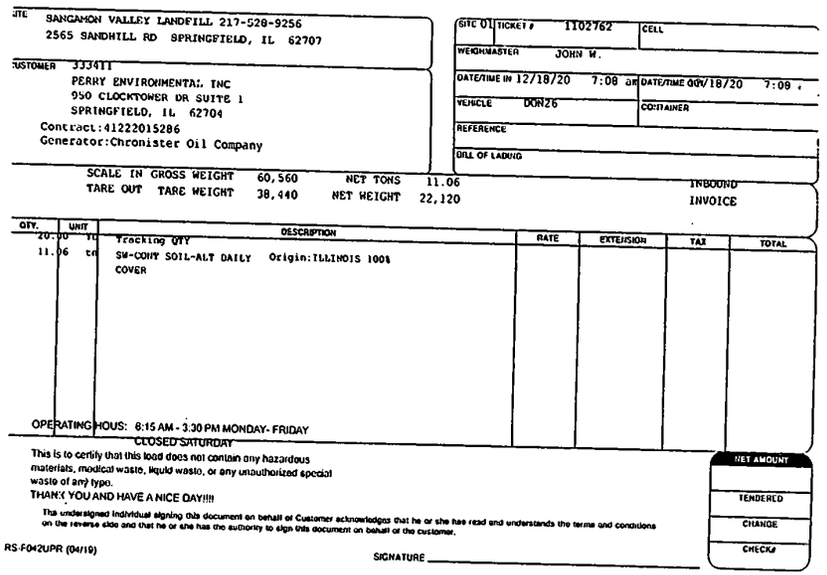
RS-F042UPR (04/19)
SIGNATURE
NET AMOUNT
TENDERED
CHANGE
CHECK#



SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707
CUSTOMER 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company
SITE 01 TICKET # 1102762 CELL
WEIGHMASTER JOHN W.
DATE/TIME IN 12/18/20 7:08 am DATE/TIME OUT 12/18/20 7:09 a
VEHICLE DON26 CONTAINER
REFERENCE
BILL OF LADING
SCALE IN GROSS WEIGHT 60,560 NET TONS 11.06
TARE OUT TARE WEIGHT 38,440 NET WEIGHT 22,120
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
11.06	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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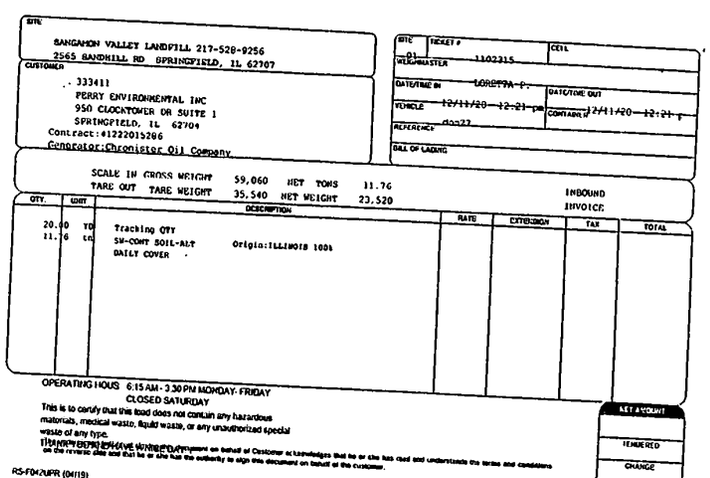
NET AMOUNT
TENDERED
CHANGE
CHECK#



SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707
CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company
SITE 01 TICKET # 1102315 CELL
WEIGHMASTER LORETTA P.
DATE/TIME IN 12/11/20 12:21 pm DATE/TIME OUT 12/11/20 12:21 p
VEHICLE don27 CONTAINER
REFERENCE
BILL OF LADING
SCALE IN GROSS WEIGHT 59,060 NET TONS 11.76
TARE OUT TARE WEIGHT 35,540 NET WEIGHT 23,520
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
11.76	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY
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SIGNATURE
NET AMOUNT
TENDERED
CHANGE
CHECK#

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102767	

WEIGHMASTER: JOHN W.
DATE/TIME IN: 12/18/20 7:24 am
DATE/TIME OUT: 12/18/20 7:24 a
VEHICLE: foster3
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 48,280 NET TONS 12.73
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 25,460
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
12.73	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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NET AMOUNT
TENDERED
CHANGE
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SIGNATURE

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102764	

WEIGHMASTER: JOHN W.
DATE/TIME IN: 12/18/20 7:13 am
DATE/TIME OUT: 12/18/20 7:13 a
VEHICLE: midwest3
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 71,000 NET TONS 18.54
TARE OUT TARE WEIGHT 33,920 NET WEIGHT 37,080
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
18.54	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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CHANGE
CHECK#

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SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102769	

WEIGHMASTER: JOHN W
DATE/TIME IN: 12/18/20 7:42 am
DATE/TIME OUT: 12/18/20 7:42 a
VEHICLE: DON26
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 61,260 NET TONS 11.41
TARE OUT TARE WEIGHT 38,440 NET WEIGHT 22,820
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
11.41	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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CHANGE
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SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102766	

WEIGHMASTER: JOHN W.
DATE/TIME IN: 12/18/20 7:20 am
DATE/TIME OUT: 12/18/20 7:20 a
VEHICLE: don59
CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 78,280 NET TONS 21.84
TARE OUT TARE WEIGHT 34,600 NET WEIGHT 43,680
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
21.84	tn	SW-CONT SOIL-ALT Origin:ILLINOIS 100%				
		DAILY COVER				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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NET AMOUNT
TENDERED
CHANGE
CHECK#

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SIGNATURE

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102775	

WEIGHMASTER JOHN W.
DATE/TIME IN 12/18/20 8:05 am
DATE/TIME OUT 12/18/20 8:05 a
VEHICLE don59
CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 70,880 NET TONS 18.14
TARE OUT TARE WEIGHT 34,600 NET WEIGHT 36,280

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
18.14	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102772	

WEIGHMASTER JOHN W.
DATE/TIME IN 12/18/20 7:57 am
DATE/TIME OUT 12/18/20 7:57 a
VEHICLE midwest
CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 66,920 NET TONS 16.50
TARE OUT TARE WEIGHT 33,920 NET WEIGHT 33,000

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
16.50	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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CHANGE
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SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102780	

WEIGHMASTER JOHN W.
DATE/TIME IN 12/18/20 8:22 am
DATE/TIME OUT 12/18/20 8:22 a
VEHICLE DON26
CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 63,100 NET TONS 12.33
TARE OUT TARE WEIGHT 38,440 NET WEIGHT 24,660

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
12.33	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE	TICKET #	CELL
01	1102771	

WEIGHMASTER JOHN W.
DATE/TIME IN 12/18/20 8:03 am
DATE/TIME OUT 12/18/20 8:03 a
VEHICLE fosrer3
CONTAINER
REFERENCE
BILL OF LADING

SCALE IN GROSS WEIGHT 47,880 NET TONS 12.53
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 25,060

INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
12.53	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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CHANGE
CHECK#

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SIGNATURE

SITE: SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER: 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE: 01 | TICKET #: 1102810 | CELL:
WEIGHTMASTER: LORETTA P.
DATE/TIME IN: 12/18/20 11:05 am | DATE/TIME OUT: 12/18/20 11:05 a
VEHICLE: 00N59 | CONTAINER:
REFERENCE:
BILL OF LADING:

MANUAL IN GROSS WEIGHT 71,200 NET TONS 18.30
TARE OUT TARE WEIGHT 34,600 NET WEIGHT 36,600
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
18.30	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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NET AMOUNT
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SIGNATURE _____

SITE: SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER: 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE: 01 | TICKET #: 1102783 | CELL:
WEIGHTMASTER: JOHN W.
DATE/TIME IN: 12/18/20 8:30 am | DATE/TIME OUT: 12/18/20 8:30 a
VEHICLE: 105CT3 | CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 47,400 NET TONS 12.29
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 24,580
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
12.29	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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SIGNATURE _____

SITE: SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER: 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE: 01 | TICKET #: 1102812 | CELL:
WEIGHTMASTER: LORETTA P.
DATE/TIME IN: 12/18/20 11:07 am | DATE/TIME OUT: 12/18/20 11:07 a
VEHICLE: 00N26 | CONTAINER:
REFERENCE:
BILL OF LADING:

MANUAL IN GROSS WEIGHT 66,200 NET TONS 13.88
TARE OUT TARE WEIGHT 38,440 NET WEIGHT 27,760
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
13.88	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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SITE: SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER: 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE: 01 | TICKET #: 1102784 | CELL:
WEIGHTMASTER: JOHN W.
DATE/TIME IN: 12/18/20 8:34 am | DATE/TIME OUT: 12/18/20 8:34 a
VEHICLE: midwest3 | CONTAINER:
REFERENCE:
BILL OF LADING:

SCALE IN GROSS WEIGHT 68,300 NET TONS 17.19
TARE OUT TARE WEIGHT 33,920 NET WEIGHT 34,380
INBOUND
INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
17.19	tn	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY- FRIDAY
CLOSED SATURDAY

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CHANGE
CHECK#

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SIGNATURE _____

SITE SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract: 41222015286
Generator: Chronister Oil Company

SITE 01 | TICKET # 1102815 | CELL
WEIGHMASTER LORETTA P.
DATE/TIME IN 12/18/20 11:13 am | DATE/TIME OUT 12/18/20 11:13
VEHICLE foster3 | CONTAINER
REFERENCE
BILL OF LADING

MANUAL IN GROSS WEIGHT 46,480 NET TONS 11.83 INBOUND
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 23,660 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
11.83	tn	SW-CONT SOIL-ALT DAILY COVER Origin: ILLINOIS 100%				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY - FRIDAY
CLOSED SATURDAY

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RS-F042UPR (04/19) SIGNATURE ______________________

SITE SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract: 41222015286
Generator: Chronister Oil Company

SITE 01 | TICKET # 1102813 | CELL
WEIGHMASTER LORETTA P.
DATE/TIME IN 12/18/20 11:10 am | DATE/TIME OUT 12/18/20 11:10
VEHICLE foster3 | CONTAINER
REFERENCE
BILL OF LADING

MANUAL IN GROSS WEIGHT 45,080 NET TONS 11.13 INBOUND
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 22,260 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
11.13	tn	SW-CONT SOIL-ALT DAILY COVER Origin: ILLINOIS 100%				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY - FRIDAY
CLOSED SATURDAY

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SITE SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER 333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract: 41222015286
Generator: Chronister Oil Company

SITE 01 | TICKET # 1102816 | CELL
WEIGHMASTER LORETTA P.
DATE/TIME IN 12/18/20 11:14 am | DATE/TIME OUT 12/18/20 11:14
VEHICLE don59 | CONTAINER
REFERENCE
BILL OF LADING

MANUAL IN GROSS WEIGHT 75,960 NET TONS 20.68 INBOUND
TARE OUT TARE WEIGHT 34,600 NET WEIGHT 41,360 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
20.68	tn	SW-CONT SOIL-ALT DAILY COVER Origin: ILLINOIS 100%				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY - FRIDAY
CLOSED SATURDAY

This is to certify that this load does not contain any hazardous materials, medical waste, liquid waste, or any unauthorized special waste of any type.
THANK YOU AND HAVE A NICE DAY!!!!

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (04/19) SIGNATURE ______________________

SITE
SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER
333411
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract: 41222015286
Generator: Chronister Oil Company

SITE 01 | TICKET # 1102814 | CELL
WEIGHMASTER LORETTA P.
DATE/TIME IN 12/18/20 11:11 am | DATE/TIME OUT 12/18/20 11:11
VEHICLE don59 | CONTAINER
REFERENCE
BILL OF LADING

MANUAL IN GROSS WEIGHT 73,760 NET TONS 19.58 INBOUND
TARE OUT TARE WEIGHT 34,600 NET WEIGHT 39,160 INVOICE

QTY.	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking QTY				
19.58	tn	SW-CONT SOIL-ALT DAILY COVER Origin: ILLINOIS 100%				

OPERATING HOUS 6:15 AM - 3:30 PM MONDAY - FRIDAY
CLOSED SATURDAY

This is to certify that this load does not contain any hazardous materials, medical waste, liquid waste, or any unauthorized special waste of any type.
THANK YOU AND HAVE A NICE DAY!!!!

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (04/19) SIGNATURE ______________________

SITE SANGAMON VALLEY LANDFILL 217-528-9256
2565 SANDHILL RD SPRINGFIELD, IL 62707

CUSTOMER 33341
PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704
Contract:41222015286
Generator:Chronister Oil Company

SITE 01 | TICKET # 1102618 | CELL
WEIGHMASTER ZORETTA P.
DATE/TIME IN 12/18/20 11:20 AM | DATE/TIME OUT 12/18/20 11:20 A
VEHICLE E03C823 | CONTAINER
REFERENCE
BILL OF LADING

MANUAL IN GROSS WEIGHT 47,060 NET TONS 12.12 INBOUND
TARE OUT TARE WEIGHT 22,820 NET WEIGHT 24,240 INVOICE

QTY	UNIT	DESCRIPTION	RATE	EXTENSION	TAX	TOTAL
20.00	YD	Tracking Qty				
12.2	TN	SW-CONT SOIL-ALT DAILY COVER Origin:ILLINOIS 100%				

OPERATING HOUS: 6:15 AM - 3:30 PM MONDAY - FRIDAY
~~CLOSED SATURDAY~~

This is to certify that this load does not contain any hazardous materials, medical waste, liquid waste, or any unauthorized special waste of any type.
THANK YOU AND HAVE A NICE DAY!!!!

NET AMOUNT
TENDERED
CHANGE
CHECK#

The undersigned individual signing this document on behalf of Customer acknowledges that he or she has read and understands the terms and conditions on the reverse side and that he or she has the authority to sign this document on behalf of the customer.

RS-F042UPR (04/19)

SIGNATURE _____

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704; f. Phone 337 660 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702; g. Phone:

If owner of the generating facility differs from the generator, provide: h. Owner's Name: | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
41222015266	11/20/21	Soil cont'd w/ unleaded gasoline	1	tr	20yds	11.7

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): [illegible] | q. Signature: [signature] | r. Date: 12-8-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr. Suite 1, Springfield IL 62704; b. Phone: 217 546 0702

c. Driver Name (Print): Chuck Foster | d. Signature: [signature] | e. Date: Dec 8-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd., Springfield, IL 62707; b. Phone: 309 827 8631 | c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): Loretta Parker | f. Signature: [signature] | g. Date: 12/8/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | b. Phone: | c. Responsible Agency Name and Address: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

---

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704; f. Phone 337 660 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702; g. Phone:

If owner of the generating facility differs from the generator, provide: h. Owner's Name: | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
41222015266	11/20/21	Soil cont'd w/ unleaded gasoline				11.57

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Reichert | q. Signature: [signature] | r. Date: 12-8-2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr. Suite 1, Springfield IL 62704; b. Phone: 217 546 0702

c. Driver Name (Print): Chuck Foster | d. Signature: [signature] | e. Date: Dec 8-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd., Springfield, IL 62707; b. Phone: 309.827.8631 | c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): Loretta Parker | f. Signature: [signature] | g. Date: 12/8/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | b. Phone: | c. Responsible Agency Name and Address: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

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REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704; f. Phone 337 660 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702; g. Phone:

If owner of the generating facility differs from the generator, provide: h. Owner's Name: | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
41222015266	11/20/21	Soil cont'd w/ unleaded gasoline				14.58

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Reichert | q. Signature: [signature] | r. Date: 12-8-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr. Suite 1, Springfield IL 62704; b. Phone: 217 546 0702

c. Driver Name (Print): Chuck Foster | d. Signature: [signature] | e. Date: Dec 8-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd., Springfield, IL 62707; b. Phone: 309 827 8631 | c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): Loretta Parker | f. Signature: [signature] | g. Date: 12/8/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | b. Phone: | c. Responsible Agency Name and Address: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

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REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704; f. Phone 337 660 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702; g. Phone:

If owner of the generating facility differs from the generator, provide: h. Owner's Name: | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
41222015266	11/20/21	Soil cont'd w/ unleaded gasoline			[illegible]	13.13 tn

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): [illegible] | q. Signature: [signature] | r. Date: 12-[illegible]-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr. Suite 1, Springfield IL 62704; b. Phone: 217 546 0702

c. Driver Name (Print): Gary Newell | d. Signature: [signature] | e. Date: 12/10/20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd., Springfield, IL 62707; b. Phone: 309 827 6831 | c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): John L. Whitlock | f. Signature: [signature] | g. Date: 12-10-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | b. Phone: | c. Responsible Agency Name and Address: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** — 5

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil contd w/ unleaded gasoline			Dyd	N

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koehler | q. Signature | r. Date: 12-1-.7.

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): JACK FOX | d. Signature | e. Date: 12-10-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2565 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309.827.5531

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): John L. Whitlock | f. Signature | g. Date: 12-10-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** — C

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil contd w/ unleaded gasoline			Dyd	N

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koehler | q. Signature | r. Date: 12-1-.7.

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): JACK FOSTER | d. Signature | e. Date: 12-10-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2565 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309.827.5531

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): John L. Whitlock | f. Signature | g. Date: 12-10-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** — 7

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil contd w/ unleaded gasoline				

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koehler | q. Signature | r. Date: 12-1-.7.

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): DONLEY | d. Signature | e. Date: 12-10-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2565 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309.827.5531

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): John L. Whitlock | f. Signature | g. Date: 12-10-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** — 8

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil contd w/ unleaded gasoline			Dyd	39.77

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koehler | q. Signature | r. Date: 12-10-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): Jack Ned | d. Signature | e. Date: 12-10-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2565 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309.827.5531

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): John L. Whitlock | f. Signature | g. Date: 12-10-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

DON 23 81940

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-f)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd wf unleaded gasoline	1	HR	20yd	2235

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Michael Keebler | Michael Keebler | 12-10-20
p. Generator Authorized Agent Name (Print) | q. Signature | r. Date

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

Gary L Newell | Gary L Newell | 12/10/20
c. Driver Name (Print) | d. Signature | e. Date

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2563 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 627.8631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

John L Whitlock | John L Whitlock | 12-10-20
e. Name of Authorized Agent (Print) | f. Signature | g. Date

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:

c. Responsible Agency Name and Address:

b. Phone:

d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

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REPUBLIC SERVICES, INC.

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-f)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd wf unleaded gasoline			20yd	22.74t

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Michael Keebler | Michael Keebler | 12-10-20
p. Generator Authorized Agent Name (Print) | q. Signature | r. Date

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

Jack Fox | Jack Fox | 12-10-20
c. Driver Name (Print) | d. Signature | e. Date

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2563 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 627.8631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

John L Whitlock | John L Whitlock | 12-10-20
e. Name of Authorized Agent (Print) | f. Signature | g. Date

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:

c. Responsible Agency Name and Address:

b. Phone:

d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

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REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

Foster 3 52300

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-f)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd wf unleaded gasoline			20yd	14.94t

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Michael Keebler | Michael Keebler | 12-10-20
p. Generator Authorized Agent Name (Print) | q. Signature | r. Date

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

Gary L Foster | Gary L Foster | 12-10-20
c. Driver Name (Print) | d. Signature | e. Date

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2563 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 627.8631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

John L Whitlock | John L Whitlock | 12-10-20
e. Name of Authorized Agent (Print) | f. Signature | g. Date

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:

c. Responsible Agency Name and Address:

b. Phone:

d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

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REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

DON 26 74440

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-f)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd wf unleaded gasoline	1	HR	20yd	10.7t

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Michael Keebler | Michael Keebler | 12-10-20
p. Generator Authorized Agent Name (Print) | q. Signature | r. Date

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

Daniel Dooley | Daniel Dooley | 12-10-20
c. Driver Name (Print) | d. Signature | e. Date

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2563 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 627.8631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Loretta Fouts | Loretta Fouts | 12/10/2020
e. Name of Authorized Agent (Print) | f. Signature | g. Date

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:

c. Responsible Agency Name and Address:

b. Phone:

d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST**

DAN 54 — 13

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-f)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of
	607760	1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name:

i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd w/ unleaded gasoline	1	YR	20	17.10

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keebler — q. Signature — r. Date: 12-10-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): John Abel — d. Signature — e. Date: 12-10-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827.8631

c. US EPA Number — d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and is to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): Lorrie Towle — f. Signature — g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:

c. Responsible Agency Name and Address:

b. Phone:

d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both — % Friable — % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) — h. Signature — i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

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REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST**

DAN 23 — 14

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-f)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of
	812160	1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name:

i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd w/ unleaded gasoline	1	YR	20	17.10

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keebler — q. Signature — r. Date: 12-10-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): GARY L NEWELL — d. Signature — e. Date: 12/10/20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827.8631

c. US EPA Number — d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and is to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): LORRIE TOWLE — f. Signature — g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:

c. Responsible Agency Name and Address:

b. Phone:

d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both — % Friable — % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) — h. Signature — i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

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REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST**

15

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-f)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of
		1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name:

i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd w/ unleaded gasoline			20yd	20.35T

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keebler — q. Signature — r. Date: 12-10-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): JACK FOX — d. Signature — e. Date: 12-10-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827.8631

c. US EPA Number — d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and is to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): John Whitlock — f. Signature — g. Date: 12-10-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:

c. Responsible Agency Name and Address:

b. Phone:

d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both — % Friable — % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) — h. Signature — i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

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REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST**

16

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-f)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of
		1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name:

i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd w/ unleaded gasoline			20yd	12.03T

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keebler — q. Signature — r. Date: 12-10-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): CHUCK COSTA — d. Signature — e. Date: 12-10-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827.8631

c. US EPA Number — d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and is to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): John L Whitlock — f. Signature — g. Date: 12-10-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:

c. Responsible Agency Name and Address:

b. Phone:

d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both — % Friable — % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) — h. Signature — i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC. NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST 17

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-f)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of
		1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 660 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name:

i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil contd w/ unleaded gasoline				17.67

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
Michael Keebler	Michael Keebler	12-10-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print)	d. Signature	e. Date
Ed Newell	Ed Newell	12-10-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
Sangamon Valley LF 2565 Sand Hill Rd. Springfield, IL 62707 b. Phone: 309 827 8631		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
John L. Whitlock	John L Whitlock	12-10-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST 18

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-f)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of
		1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 660 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name:

i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil contd w/ unleaded gasoline				21.54

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
Michael Keebler	Michael Keebler	12-10-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print)	d. Signature	e. Date
JOHN NOE		12-10-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
Sangamon Valley LF 2565 Sand Hill Rd. Springfield, IL 62707 b. Phone: 309 827 8631		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
JOHN L. WHITLOCK	John L Whitlock	12-10-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST 19

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-f)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of
		1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 660 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name:

i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil contd w/ unleaded gasoline				25.70

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
Michael Keebler	Michael Keebler	12-10-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print)	d. Signature	e. Date
Ed L Newell	Ed Newell	12/10/20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
Sangamon Valley LF 2565 Sand Hill Rd. Springfield, IL 62707 b. Phone: 309 827 8631		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
John L. Whitlock	John L Whitlock	12-10-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC.

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-f)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of
		1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 660 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name:

i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil contd w/ unleaded gasoline				21.54

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print)	q. Signature	r. Date
Michael Keebler	Michael Keebler	12-10-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print)	d. Signature	e. Date
JACK FOX		12-10-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
Sangamon Valley LF 2565 Sand Hill Rd. Springfield, IL 62707 b. Phone: 309 827 8631		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print)	f. Signature	g. Date
John L. Whitlock	John L Whitlock	12-10-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** 21

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704, f. Phone 337 569 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702, g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd wf unleaded gasoline			20yd	15Mtn

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koebbe | q. Signature: Michael Koebbe | r. Date: 12-10-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

e. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr, Suite 1, Springfield IL 62704, b. Phone: 217 546 0702

c. Driver Name (Print): Mark K Foster | d. Signature: Mark K Foster | e. Date: 12-10-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707, b. Phone: 309 827 8631 | c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): John L WHITLOCK | f. Signature: John L Whitlock | g. Date: 12-10-20

IV. ASBESTOS (Generator completes IVa-f and Operator completes IVg-l)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:
b. Phone: | d. Phone:
e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** 22

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704, f. Phone 337 569 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702, g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd wf unleaded gasoline				17.95

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koebbe | q. Signature: Michael Koebbe | r. Date: 12-10-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

e. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr, Suite 1, Springfield IL 62704, b. Phone: 217 546 0702

c. Driver Name (Print): [illegible] | d. Signature: [illegible] | e. Date: 12-10-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707, b. Phone: 309 827 8631 | c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): John L WHITLOCK | f. Signature: John L Whitlock | g. Date: 12-10-20

IV. ASBESTOS (Generator completes IVa-f and Operator completes IVg-l)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:
b. Phone: | d. Phone:
e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** 23

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704, f. Phone 337 569 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702, g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd wf unleaded gasoline				22.35

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koebbe | q. Signature: Michael Koebbe | r. Date: 12-10-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

e. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr, Suite 1, Springfield IL 62704, b. Phone: 217 546 0702

c. Driver Name (Print): John Nizol | d. Signature: [illegible] | e. Date: 12-10-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707, b. Phone: 309 827 8631 | c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): John L WHITLOCK | f. Signature: John L Whitlock | g. Date: 12-10-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-l)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:
b. Phone: | d. Phone:
e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** 24

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704, f. Phone 337 569 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702, g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd wf unleaded gasoline				2522

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koebbe | q. Signature: Michael Koebbe | r. Date:

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

e. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr, Suite 1, Springfield IL 62704, b. Phone: 217 546 0702

c. Driver Name (Print): Gary L Newell | d. Signature: Gary L Newell | e. Date: 12/10/20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707, b. Phone: 309 827 8631 | c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): John L WHITLOCK | f. Signature: John L Whitlock | g. Date: 12-10-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-l)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:
b. Phone: | d. Phone:
e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST 25

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704, f. Phone 337 660 7749
e. Generator's Mailing Address: 2028 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name: | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline			20yd	22.05tn

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koebler | q. Signature: [signature] | r. Date:

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr. Suite 1, Springfield IL 62704
b. Phone: 217 548 3702
c. Driver Name (Print): JACK Fox | d. Signature: [signature] | e. Date: 12-10-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309 827 6031
c. US EPA Number: | d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
e. Name of Authorized Agent (Print): John L. Whitlock | f. Signature: [signature] | g. Date: 12-10-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:
b. Phone: | d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print): | h. Signature: | i. Date:

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST 26

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704, f. Phone 337 660 7749
e. Generator's Mailing Address: 2028 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name: | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline				13.55

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koebler | q. Signature: [signature] | r. Date:

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr. Suite 1, Springfield IL 62704
b. Phone: 217 546 0702
c. Driver Name (Print): [illegible] Foster | d. Signature: [signature] | e. Date: 12-10-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309 827 6031
c. US EPA Number: | d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
e. Name of Authorized Agent (Print): John L. Whitlock | f. Signature: [signature] | g. Date: 12-10-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:
b. Phone: | d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print): | h. Signature: | i. Date:

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST 27

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704, f. Phone 337 660 7749
e. Generator's Mailing Address: 2028 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name: | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline				10.03tn

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koebler | q. Signature: [signature] | r. Date: 12/10/20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr. Suite 1, Springfield IL 62704
b. Phone: 217 546 0702
c. Driver Name (Print): [illegible] | d. Signature: [signature] | e. Date: 12-10-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309 827 6031
c. US EPA Number: | d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
e. Name of Authorized Agent (Print): John L. Whitlock | f. Signature: [signature] | g. Date: 12-10-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:
b. Phone: | d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print): | h. Signature: | i. Date:

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST 28

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704, f. Phone 337 660 7749
e. Generator's Mailing Address: 2028 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name: | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline			20yd	19.46tn

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koebler | q. Signature: [signature] | r. Date: 12/10/20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr. Suite 1, Springfield IL 62704
b. Phone: 217 546 0702
c. Driver Name (Print): [illegible] | d. Signature: [signature] | e. Date: [illegible]

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309 827 6031
c. US EPA Number: | d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
e. Name of Authorized Agent (Print): John L. Whitlock | f. Signature: [signature] | g. Date: 12-10-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:
b. Phone: | d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print): | h. Signature: | i. Date:

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** 29

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone 337 660 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd w/ unleaded gasoline				22.46

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keebler | q. Signature | r. Date: 12/10/20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone 217 546 0702

c. Driver Name (Print): Cory L Newell | d. Signature | e. Date: 12/10/20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2565 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 6631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): John L Whitlock | f. Signature | g. Date: 12-10-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** 30

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone 337 660 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd w/ unleaded gasoline				11.63

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keebler | q. Signature | r. Date: 12/10/20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone 217 546 0702

c. Driver Name (Print): JACK Fox | d. Signature | e. Date: 12-10-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2565 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 6631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): John L WHITLOCK | f. Signature | g. Date: 12-10-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** 31

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone 337 660 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd w/ unleaded gasoline				12.23

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keebler | q. Signature | r. Date: 12/10/20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): Chuck Foster | d. Signature | e. Date: 12-10-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2565 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 6631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): John L WHITLOCK | f. Signature | g. Date: 12-10-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** 32

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone 337 660 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd w/ unleaded gasoline				12.38

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keebler | q. Signature | r. Date: 12/10/20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): [illegible] | d. Signature | e. Date: 12-10-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2565 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 6631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): John L WHITLOCK | f. Signature | g. Date: 12-10-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** 33

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of
		1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 217 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline			20yd	15010

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koehler | q. Signature: Michael Koehler | r. Date: 12/10/20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): Eric Neal | d. Signature | e. Date: 12-11-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd
Springfield, IL 62707
b. Phone: 309 827 8631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): John L. Whitlock | f. Signature: John L Whitlock | g. Date: 12-10-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-l)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** 34

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of
		1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 217 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline			20yd	20540

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koehler | q. Signature: Michael Koehler | r. Date: 12/10/20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): Gary L Dewell | d. Signature | e. Date: 12/10/20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd
Springfield, IL 62707
b. Phone: 309 827 8631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): John L. Whitlock | f. Signature: John L Whitlock | g. Date: 12-10-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-l)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** 35

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of
		1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 217 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline			20yd	17950

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koehler | q. Signature: Michael Koehler | r. Date: 12/10/20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): JACK Fox | d. Signature | e. Date: 12-10-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd
Springfield, IL 62707
b. Phone: 309 827 8631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): John L. Whitlock | f. Signature: John L Whitlock | g. Date: 12-10-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-l)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** 36

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of
		1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 217 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline			20yd	13510

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koehler | q. Signature: Michael Koehler | r. Date: 12/10/20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): Mitchell Foxall | d. Signature | e. Date: 12-10-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd
Springfield, IL 62707
b. Phone: 309 827 8631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): John L. Whitlock | f. Signature: John L Whitlock | g. Date: 12-10-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-l)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

37

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name:
i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil cont'd w/ unleaded gasoline	1	TR	20y	10.78

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koebler | q. Signature: [signature] | r. Date: 12/10/2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
900 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): [illegible] | d. Signature: [signature] | e. Date: 12-10-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2565 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827.8631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): Loretta Fricke | f. Signature: [signature] | g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:
b. Phone:
c. Responsible Agency Name and Address:
d. Phone:
e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

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REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

38

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name:
i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil cont'd w/ unleaded gasoline	1	TR	20y	20.33

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koebler | q. Signature: [signature] | r. Date: 12/10/2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
900 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): [illegible] | d. Signature: [signature] | e. Date: 12-10-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2565 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827.8631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): Loretta Fricke | f. Signature: [signature] | g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:
b. Phone:
c. Responsible Agency Name and Address:
d. Phone:
e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

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REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

39

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name:
i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil cont'd w/ unleaded gasoline	1	TR	20y	18.77

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koebler | q. Signature: [signature] | r. Date: 12/10/2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
900 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): Cory L Newell | d. Signature: [signature] | e. Date: 12/10/2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2565 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827.8631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): Loretta Fricke | f. Signature: [signature] | g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:
b. Phone:
c. Responsible Agency Name and Address:
d. Phone:
e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

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REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

40

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name:
i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil cont'd w/ unleaded gasoline	1	TR	20y	20.4

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koebler | q. Signature: [signature] | r. Date: 12/10/2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
900 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): Jack Fox | d. Signature: [signature] | e. Date: 12-10-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2565 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827.8631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): Loretta Fricke | f. Signature: [signature] | g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:
b. Phone:
c. Responsible Agency Name and Address:
d. Phone:
e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

91

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-e)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 680 7749

e. Generator's Mailing Address:
2028 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd wf unleaded gasoline	1	HR	20yd	11487

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keebler | q. Signature | r. Date: 12/10/20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): [illegible] | d. Signature | e. Date: 12-10-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 6631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): Loretta Pavia | f. Signature | g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:
b. Phone: | d. Phone:
e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

92

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-e)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 680 7749

e. Generator's Mailing Address:
2028 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd wf unleaded gasoline	1	HR	20yd	11487

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keebler | q. Signature | r. Date: 12/10/20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): [illegible] | d. Signature | e. Date: 12/10/20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 6631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): Loretta Pavia | f. Signature | g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:
b. Phone: | d. Phone:
e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

93

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-e)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone:337 680 7749

e. Generator's Mailing Address:
2028 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd wf unleaded gasoline	1	RO	20yd	18.52

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keebler | q. Signature | r. Date: 12/10/20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): [illegible] | d. Signature | e. Date: 12-10-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 6631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): Loretta Pavia | f. Signature | g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:
b. Phone: | d. Phone:
e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

94

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-e)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone 337 680 7749

e. Generator's Mailing Address:
2028 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd wf unleaded gasoline	1	HR	20yd	2036

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keebler | q. Signature | r. Date: 12/10/2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): [illegible] | d. Signature | e. Date: 12/10/2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 6631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): Loretta Pavia | f. Signature | g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:
b. Phone: | d. Phone:
e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** — 45

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-e)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of
		1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 660 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline	1	HR	20yd	19.70

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Roebke | q. Signature: Michael Roebke | r. Date: 12/10/2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62794
b. Phone: 217 546 0702

c. Driver Name (Print): JACK Fox | d. Signature: Jack Fox | e. Date: 12-10-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
Sangamon Valley LF 2585 Sand Hill Rd. Springfield, IL 62707 b. Phone: 309 827 5531		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent (Print): LORETTA Fouch | g. Signature: Loretta Fouch | h. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both — % Friable — % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** — 4

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-e)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of
		1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 660 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline	1	HR	20yd	133

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Roebke | q. Signature: Michael Roebke | r. Date: 12/10/20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62794
b. Phone: 217 546 0702

c. Driver Name (Print): [illegible] | d. Signature: [illegible] | e. Date: 12-10-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
Sangamon Valley LF 2585 Sand Hill Rd. Springfield, IL 62707 b. Phone: 309 827 5531		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent (Print): LORETTA Fouch | g. Signature: Loretta Fouch | h. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both — % Friable — % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** — 47

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-e)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of
		1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 660 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline	1	HR	20yd	12.84

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Roebke | q. Signature: Michael Roebke | r. Date: 12/10/20 20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62794
b. Phone: 217 546 0702

c. Driver Name (Print): [illegible] | d. Signature: [illegible] | e. Date: 12/10/20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
Sangamon Valley LF 2585 Sand Hill Rd. Springfield, IL 62707 b. Phone: 309 827 5531		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent (Print): LORETTA Fouch | g. Signature: Loretta Fouch | h. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both — % Friable — % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** — 48

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-e)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of
		1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 660 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline				16.67

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Roebke | q. Signature: Michael Roebke | r. Date: 12/10/20 20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62794
b. Phone: 217 546 0702

c. Driver Name (Print): John Neal | d. Signature: [illegible] | e. Date: 12-10-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
Sangamon Valley LF 2585 Sand Hill Rd. Springfield, IL 62707 b. Phone: 309 827 5531		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

f. Name of Authorized Agent (Print): LORETTA Fouch | g. Signature: Loretta Fouch | h. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both — % Friable — % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** 49

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-f)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 660 7749

e. Generator's Mailing Address:
2029 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
41222015280	11/20/21	Soil contd wf unleaded gasoline				2076

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Michael Keebler | Michael Keebler | 12/10/2020
p. Generator Authorized Agent Name (Print) | q. Signature | r. Date

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

Gary L Nevell | Gary L Nevell | 12/10/2020
c. Driver Name (Print) | d. Signature | e. Date

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:
Sangamon Valley LF
2565 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 8831

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

LORETTA FOSTER | Loretta Foster | 12/10/2020
e. Name of Authorized Agent (Print) | f. Signature | g. Date

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** 56

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-f)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone 337 660 7749

e. Generator's Mailing Address:
2029 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
41222015280	11/20/21	Soil contd wf unleaded gasoline				R11

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Michael Keebler | Michael Keebler | 12/10/2020
p. Generator Authorized Agent Name (Print) | q. Signature | r. Date

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

Chuck Foster | Chuck Foster | 12-10-2020
c. Driver Name (Print) | d. Signature | e. Date

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:
Sangamon Valley LF
2565 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 8831

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

LORETTA FOSTER | Loretta Foster | 12/10/2020
e. Name of Authorized Agent (Print) | f. Signature | g. Date

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** 57

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-f)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 660 7749

e. Generator's Mailing Address:
2029 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd wf unleaded gasoline				1257

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Michael Keebler | Michael Keebler | 12/10/2020
p. Generator Authorized Agent Name (Print) | q. Signature | r. Date

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

Gary L Nevell | Gary L Nevell | 12/10/2020
c. Driver Name (Print) | d. Signature | e. Date

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:
Sangamon Valley LF
2565 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 8831

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

LORETTA FOSTER | Loretta Foster | 12/10/2020
e. Name of Authorized Agent (Print) | f. Signature | g. Date

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** 58

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-f)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone:337 660 7749

e. Generator's Mailing Address:
2029 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
41222015280	11/20/21	Soil contd wf unleaded gasoline	1	DR	2042	LY

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Michael Keebler | Michael Keebler | 12/10/2020
p. Generator Authorized Agent Name (Print) | q. Signature | r. Date

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

John Noel | John Noel | 12-10-2020
c. Driver Name (Print) | d. Signature | e. Date

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:
Sangamon Valley LF
2565 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 8831

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

LORETTA FOSTER | Loretta Foster | 12/10/2020
e. Name of Authorized Agent (Print) | f. Signature | g. Date

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST**

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
7800 Peoria Rd
Springfield IL 62704
f. Phone: 337 680 7749

e. Generator's Mailing Address:
2028 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil cont'd w/ unleaded gasoline	1	HR	20yd	19.40

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koebbe | q. Signature | r. Date: 12/10/2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

s. Transporter's Name and Address:
Perry Environmental
980 Clocktower Dr., Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): Gary L Norvell | d. Signature | e. Date: 12/10/2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 8631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and is to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): LORETTA PARKER | f. Signature | g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST**

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
7800 Peoria Rd
Springfield IL 62704
f. Phone: 337 680 7749

e. Generator's Mailing Address:
2028 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil cont'd w/ unleaded gasoline	1	HR	20yd	13.19

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koebbe | q. Signature | r. Date: 12/10/2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

s. Transporter's Name and Address:
Perry Environmental
980 Clocktower Dr., Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): [illegible] | d. Signature | e. Date: 12-10-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 8631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and is to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): LORETTA PARKER | f. Signature | g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST**

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
7800 Peoria Rd
Springfield IL 62704
f. Phone: 337 680 7749

e. Generator's Mailing Address:
2028 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil cont'd w/ unleaded gasoline	1	HR	20yd	18.26

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koebbe | q. Signature | r. Date: 12/10/2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

s. Transporter's Name and Address:
Perry Environmental
980 Clocktower Dr., Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): [illegible] | d. Signature | e. Date: [illegible]

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 8631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and is to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): LORETTA PARKER | f. Signature | g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST**

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
7800 Peoria Rd
Springfield IL 62704
f. Phone: 337 680 7749

e. Generator's Mailing Address:
2028 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil cont'd w/ unleaded gasoline	1	HR	20yd	12.08

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koebbe | q. Signature | r. Date: 12/10/20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

s. Transporter's Name and Address:
Perry Environmental
980 Clocktower Dr., Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): [illegible] | d. Signature | e. Date: [illegible]

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 8631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and is to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): LORETTA PARKER | f. Signature | g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST 57

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704, f. Phone: 337 660 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name:
i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline	1	TR	20y	13.17

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koehler | q. Signature: [signature] | r. Date: 12/10/2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr, Suite 1, Springfield IL 62704
b. Phone: 217 546 0702
c. Driver Name (Print): [illegible] | d. Signature: [signature] | e. Date: 12-10-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309 827 8631
c. US EPA Number | d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
e. Name of Authorized Agent (Print): Loretta Funk | f. Signature: [signature] | g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:
b. Phone:
c. Responsible Agency Name and Address:
d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST 59

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704, f. Phone: 337 660 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name:
i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline	1	TR	20y	14.82

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koehler | q. Signature: [signature] | r. Date: 12/10/2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr, Suite 1, Springfield IL 62704
b. Phone: 217 546 0702
c. Driver Name (Print): [illegible] | d. Signature: [signature] | e. Date: 12-10-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309 827 8631
c. US EPA Number | d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
e. Name of Authorized Agent (Print): Loretta Funk | f. Signature: [signature] | g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:
b. Phone:
c. Responsible Agency Name and Address:
d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST 60

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704, f. Phone: 337 660 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name:
i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline	1	TR	20y	15.35

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koehler | q. Signature: [signature] | r. Date: 12/10/20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr, Suite 1, Springfield IL 62704
b. Phone: 217 546 0702
c. Driver Name (Print): Steve Madson | d. Signature: [signature] | e. Date: 12/10/20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309 827 8631
c. US EPA Number | d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
e. Name of Authorized Agent (Print): Loretta Funk | f. Signature: [signature] | g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:
b. Phone:
c. Responsible Agency Name and Address:
d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST 61

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704, f. Phone: 337 660 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name:
i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline	1	TR	20y	12.76

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koehler | q. Signature: [signature] | r. Date: 12/10/2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr, Suite 1, Springfield IL 62704
b. Phone: 217 546 0702
c. Driver Name (Print): [illegible] | d. Signature: [signature] | e. Date: [illegible]

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309 827 8631
c. US EPA Number | d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
e. Name of Authorized Agent (Print): Loretta Funk | f. Signature: [signature] | g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:
b. Phone:
c. Responsible Agency Name and Address:
d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

C1

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704
f. Phone: 337 680 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name: | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil cont'd w/ unleaded gasoline	1	TR	20y	12.16

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): [illegible] | q. Signature: [signature] | r. Date: 12/10/2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr, Suite 1, Springfield IL 62704
b. Phone: 217 548 0702
c. Driver Name (Print): [illegible] | d. Signature: [signature] | e. Date: [illegible]

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309 827 8831
c. US EPA Number: | d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
e. Name of Authorized Agent (Print): Loretta Parker | f. Signature: [signature] | g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:
b. Phone: | d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

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REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

C2

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704
f. Phone: 337 680 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name: | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil cont'd w/ unleaded gasoline	1	TR	20yd	19.37

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keebler | q. Signature: [signature] | r. Date: 12/10/2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr, Suite 1, Springfield IL 62704
b. Phone: 217 548 0702
c. Driver Name (Print): [illegible] | d. Signature: [signature] | e. Date: 12-10-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309 827 8831
c. US EPA Number: | d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
e. Name of Authorized Agent (Print): Loretta Parker | f. Signature: [signature] | g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:
b. Phone: | d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

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REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704
f. Phone: 337 680 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name: | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil cont'd w/ unleaded gasoline	1	TR	20yd	17.97

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keebler | q. Signature: [signature] | r. Date: 12/10/20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr, Suite 1, Springfield IL 62704
b. Phone: 217 548 0702
c. Driver Name (Print): [signature] | d. Signature: Gary L Newell | e. Date: 12/10/20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309 827 8831
c. US EPA Number: | d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
e. Name of Authorized Agent (Print): Loretta Parker | f. Signature: [signature] | g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:
b. Phone: | d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

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REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704
f. Phone: 337 680 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name: | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil cont'd w/ unleaded gasoline	1	TR	20yd	12.45

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keebler | q. Signature: [signature] | r. Date: 12/10/2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr, Suite 1, Springfield IL 62704
b. Phone: 217 548 0702
c. Driver Name (Print): Chuck Foster | d. Signature: [signature] | e. Date: 12-10-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309 827 8831
c. US EPA Number: | d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
e. Name of Authorized Agent (Print): Loretta Parker | f. Signature: [signature] | g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:
b. Phone: | d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

65

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-e)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil cont'd w/ unleaded gasoline	1	TR	20yd	1335

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print) | q. Signature | r. Date: 12/10/2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): Steve Madsen | d. Signature | e. Date: 12/10/2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 627 8631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): LORETTA Burda | f. Signature | g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

66

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-e)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil cont'd w/ unleaded gasoline	1	TR	20yd	1389

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print) | q. Signature | r. Date: 12/10/2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print) | d. Signature | e. Date

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 627 8631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): LORETTA Burda | f. Signature | g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

67

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-e)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil cont'd w/ unleaded gasoline	1	TR	20yd	1502

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print) | q. Signature | r. Date: 12/10/2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): Joey Madsen | d. Signature | e. Date: 12/10/2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 627 8631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): LORETTA Burda | f. Signature | g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

68

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-e)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil cont'd w/ unleaded gasoline	1	TR	20yd	1638

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print) | q. Signature | r. Date: 12/10/2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): Cory L Norvell | d. Signature | e. Date: 12/10/2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 627 8631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): LORETTA Burda | f. Signature | g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** — 69

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-e)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Pearls Rd
Springfield IL 62704
f. Phone 337 560 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd wf unleaded gasoline	1	TR	20YD	1283

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print) | q. Signature | r. Date: 12/10/20 20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
980 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print) | d. Signature | e. Date: 12-10-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2563 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 6831

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print) | f. Signature | g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both — % Friable — % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

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REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** — 70

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-e)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Pearls Rd
Springfield IL 62704
f. Phone 337 560 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd wf unleaded gasoline	1	TR	20yd	1497

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print) | q. Signature | r. Date: 12/10/20 20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
980 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print) | d. Signature | e. Date: 12/10/2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2563 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 6831

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print) | f. Signature | g. Date: 12/10/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both — % Friable — % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

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REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** — 71

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-e)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Pearls Rd
Springfield IL 62704
f. Phone: 337 560 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd wf unleaded gasoline	1	TR	20yd	1161

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print) | q. Signature | r. Date: 12-1-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
980 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print) | d. Signature | e. Date: 12-1-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2563 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 6831

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print) | f. Signature | g. Date: 12/1/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both — % Friable — % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

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REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST**

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-e)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Pearls Rd
Springfield IL 62704
f. Phone: 337 560 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd wf unleaded gasoline	1	TR	20yd	1525

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print) | q. Signature | r. Date: 12-11-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
980 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print) | d. Signature | e. Date: 12-11-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2563 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 6831

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print) | f. Signature | g. Date: 12/11/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both — % Friable — % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST 73

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number
b. Manifest Document Number
c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704
f. Phone: 337 680 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name
i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline	1	HR	20yd	10.63

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koehler
q. Signature: [signature]
r. Date: 12-11-2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr, Suite 1, Springfield IL 62704
b. Phone: 217 546 0702
c. Driver Name (Print): [illegible]
d. Signature: [signature]
e. Date: 12-11-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309.827.8631
c. US EPA Number
d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
e. Name of Authorized Agent (Print): Loretta [illegible]
f. Signature: [signature]
g. Date: 12/11/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:
b. Phone:
c. Responsible Agency Name and Address:
d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print)
h. Signature
i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST 74

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number
b. Manifest Document Number
c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704
f. Phone: 337 680 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name
i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline	1	RO	20yd	

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koehler
q. Signature: [signature]
r. Date: 12-11-2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr, Suite 1, Springfield IL 62704
b. Phone: 217 546 0702
c. Driver Name (Print): [illegible]
d. Signature: [signature]
e. Date: 12-11-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309.827.8631
c. US EPA Number
d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
e. Name of Authorized Agent (Print): Loretta [illegible]
f. Signature: [signature]
g. Date: 12/11/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:
b. Phone:
c. Responsible Agency Name and Address:
d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print)
h. Signature
i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST 75

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number
b. Manifest Document Number
c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704
f. Phone: 337 680 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name
i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline	1	HR	20yd	25.39

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koehler
q. Signature: [signature]
r. Date: 12-11-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr, Suite 1, Springfield IL 62704
b. Phone: 217 546 0702
c. Driver Name (Print): [illegible]
d. Signature: [signature]
e. Date: 12-11-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309.827.8631
c. US EPA Number
d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
e. Name of Authorized Agent (Print): Loretta [illegible]
f. Signature: [signature]
g. Date:

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:
b. Phone:
c. Responsible Agency Name and Address:
d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print)
h. Signature
i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST 76

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number
b. Manifest Document Number
c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704
f. Phone: 337 680 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name
i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline	1	HR	20yd	1.77

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Koehler
q. Signature: [signature]
r. Date: 12-11-2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr, Suite 1, Springfield IL 62704
b. Phone: 217 546 0702
c. Driver Name (Print): [illegible]
d. Signature: [signature]
e. Date: 12-11-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309.827.8631
c. US EPA Number
d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
e. Name of Authorized Agent (Print): Loretta [illegible]
f. Signature: [signature]
g. Date: 12/11/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:
b. Phone:
c. Responsible Agency Name and Address:
d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print)
h. Signature
i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** — 77

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-f)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704, f. Phone: 337 660 7749

e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702, g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015285	11/20/21	Soil contd w/ unleaded gasoline	1	HR	20yd	15.36

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print) | q. Signature | r. Date: 12-11-20 20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr, Suite 1, Springfield IL 62734, b. Phone: 217 546 0702

c. Driver Name (Print): Steve Madson | d. Signature | e. Date: 12-11-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2585 Sand Hill Rd, Springfield, IL 62707, b. Phone: 309 627 8631 | c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): LORETTA Pahlke | f. Signature | g. Date: 12/11/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** — 78

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-f)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704, f. Phone: 337 660 7749

e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702, g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd w/ unleaded gasoline	1	HR	20yd	9.34

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print) | q. Signature | r. Date: 12-11-2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr, Suite 1, Springfield IL 62734, b. Phone: 217 546 0702

c. Driver Name (Print): [illegible] | d. Signature | e. Date: 12-11-20 20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2585 Sand Hill Rd, Springfield, IL 62707, b. Phone: 309 627 8631 | c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): LORETTA Pahlke | f. Signature | g. Date: 12/11/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** — 79

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-f)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704, f. Phone: 337 660 7749

e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702, g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd w/ unleaded gasoline	1	HR	20yd	9.87

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print) | q. Signature | r. Date: 12-11-20 20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr, Suite 1, Springfield IL 62734, b. Phone: 217 546 0702

c. Driver Name (Print): JACK FOX | d. Signature | e. Date: 12-11-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2585 Sand Hill Rd, Springfield, IL 62707, b. Phone: 309 627 8631 | c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): LORETTA Pahlke | f. Signature | g. Date: 12/11/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** — 80

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-f)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704, f. Phone: 337 660 7749

e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702, g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil contd w/ unleaded gasoline	1	HR	20yd	8.75

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print) | q. Signature | r. Date: 12-11-20 20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr, Suite 1, Springfield IL 62734, b. Phone: 217 546 0702

c. Driver Name (Print): CRAIG FOSTER | d. Signature | e. Date: 12-11-20 20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2585 Sand Hill Rd, Springfield, IL 62707, b. Phone: 309 627 8631 | c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): LORETTA Pahlke | f. Signature | g. Date: 12/11/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** 81

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 660 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline	1	HR	20yd	Non

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keebler | q. Signature | r. Date: 12-11-2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): Steve Davidson | d. Signature | e. Date: 12-11-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 831 6831

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above-named material has been accepted and to the best of my knowledge is the foregoing is true and accurate.

e. Name of Authorized Agent (Print): LORETTA Tabler | f. Signature | g. Date: 12/11/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** 82

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 660 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline	1	HR	20yd	126

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keebler | q. Signature | r. Date: 12-11-2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): [illegible] | d. Signature | e. Date: 12-11-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 831 6831

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above-named material has been accepted and to the best of my knowledge is the foregoing is true and accurate.

e. Name of Authorized Agent (Print): LORETTA Tabler | f. Signature | g. Date: 12/11/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** 83

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 660 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline	1	HR	20yd	6.94

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keebler | q. Signature | r. Date: 12-11-2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): [illegible] | d. Signature | e. Date: 12-11-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 831 6831

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above-named material has been accepted and to the best of my knowledge is the foregoing is true and accurate.

e. Name of Authorized Agent (Print): LORETTA Tabler | f. Signature | g. Date: 12/11/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** 84

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 660 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline	1	HR	20yd	13.44

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keebler | q. Signature | r. Date: 12-11-2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): JACK Fox | d. Signature | e. Date: 12-11-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 831 6831

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above-named material has been accepted and to the best of my knowledge is the foregoing is true and accurate.

e. Name of Authorized Agent (Print): LORETTA Tabler | f. Signature | g. Date: 12/11/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-f)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone:337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil contd wf unleaded gasoline	1	HR	20	10.8

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Michael Koehler | Michael Koehler | 12-11-2020
g. Generator Authorized Agent Name (Print) | g. Signature | i. Date

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

Chuck Foster | Chuck Foster | 12-11-2020
c. Driver Name (Print) | d. Signature | e. Date

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2565 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 8631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

LORETTA PAINTER | Loretta Painter | 12/11/2020
e. Name of Authorized Agent (Print) | f. Signature | g. Date

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

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REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-f)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone:337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil contd wf unleaded gasoline	1	HR	20	11.09

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Michael Koehler | Michael Koehler | 12-11-20
g. Generator Authorized Agent Name (Print) | g. Signature | i. Date

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

[illegible] | [illegible] | 12-11-20
c. Driver Name (Print) | d. Signature | e. Date

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2565 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 8631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

LORETTA PAINTER | Loretta Painter | 12/11/2020
e. Name of Authorized Agent (Print) | f. Signature | g. Date

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

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REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-f)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone:337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil contd wf unleaded gasoline	1	HR	20	3.15

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Michael Koehler | Michael Koehler | 12-11-20
g. Generator Authorized Agent Name (Print) | g. Signature | i. Date

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

[illegible] | [illegible] | [illegible]
c. Driver Name (Print) | d. Signature | e. Date

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2565 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 8631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

LORETTA PAINTER | Loretta Painter | 12/11/2020
e. Name of Authorized Agent (Print) | f. Signature | g. Date

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

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REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-f)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone:337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil contd wf unleaded gasoline	1	HR	20	14.1

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

Michael Koehler | Michael Koehler | 12-11-20
g. Generator Authorized Agent Name (Print) | g. Signature | i. Date

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

Jack Foster | Jack Foster | 12-11-2020
c. Driver Name (Print) | d. Signature | e. Date

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2565 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 8631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

LORETTA PAINTER | Loretta Painter | 12/11/2020
e. Name of Authorized Agent (Print) | f. Signature | g. Date

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

65

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704
f. Phone: 337 660 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name
i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil cont'd w/ unleaded gasoline	1	TR	20yd	10.31

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keckler | q. Signature: [signature] | r. Date: 12-11-2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr, Suite 1, Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): [illegible] | d. Signature: [signature] | e. Date: 12-11-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309 827.6631
c. US EPA Number
d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): Loretta Parker | f. Signature: [signature] | g. Date: 12/11/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:
b. Phone:
c. Responsible Agency Name and Address:
d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704
f. Phone: 337 660 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name
i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil cont'd w/ unleaded gasoline	1	TR	20y	10.61

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keckler | q. Signature: [signature] | r. Date: 12-11-2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr, Suite 1, Springfield IL 62704
b. Phone: 217 544 0702

c. Driver Name (Print): Chuck Foster | d. Signature: [signature] | e. Date: 12-11-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309 827.6631
c. US EPA Number
d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): Loretta Parker | f. Signature: [signature] | g. Date: 12/11/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:
b. Phone:
c. Responsible Agency Name and Address:
d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704
f. Phone: 337 660 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name
i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil cont'd w/ unleaded gasoline	1	TR	20y	12.25

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keckler | q. Signature: [signature] | r. Date: 12-11-2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr, Suite 1, Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): [illegible] | d. Signature: [signature] | e. Date: 12-11-[illegible]

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309 827.6631
c. US EPA Number
d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): Loretta Parker | f. Signature: [signature] | g. Date: 12/11/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:
b. Phone:
c. Responsible Agency Name and Address:
d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704
f. Phone: 337 660 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name
i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil cont'd w/ unleaded gasoline	1	TR	20y	5.35

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keckler | q. Signature: [signature] | r. Date: 12-11-2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 960 Clocktower Dr, Suite 1, Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): [illegible] | d. Signature: [signature] | e. Date: 12-11-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309 827.6631
c. US EPA Number
d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): Loretta Parker | f. Signature: [signature] | g. Date: 12/11/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:
b. Phone:
c. Responsible Agency Name and Address:
d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil contd wf unleaded gasoline	1	FR	20yd	11.05

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keckler | q. Signature: Michael Keckler | r. Date: 12-11-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

e. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): Tyler Foster | d. Signature: Tyler Foster | e. Date: 12-16-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 8831

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): LORETTA Fowler | f. Signature: Loretta Fowler | g. Date: 12/11/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil contd wf unleaded gasoline	1	FR	20yd	11.76

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keckler | q. Signature: Michael Keckler | r. Date: 12-11-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

e. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): Tyler Foster | d. Signature: Tyler Foster | e. Date: 12-11-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 8831

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): LORETTA Fowler | f. Signature: Loretta Fowler | g. Date: 12/11/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil contd wf unleaded gasoline	1	FR	20yd	10.17

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keckler | q. Signature: Michael Keckler | r. Date: 12-11-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

e. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): Tyler Foster | d. Signature: Tyler Foster | e. Date: 12-11-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 8831

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): LORETTA Fowler | f. Signature: Loretta Fowler | g. Date: 12/11/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil contd wf unleaded gasoline			20yd	11.06

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keckler | q. Signature: Michael Keckler | r. Date: 12-18-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

e. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): Tyler Foster | d. Signature: Tyler Foster | e. Date: 12-15-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 8831

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): John L Whitlock | f. Signature: John Whitlock | g. Date: 12-18-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline			20yd	18546

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keebler | q. Signature | r. Date: 12-18-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

e. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): CHUCK FOSTER | d. Signature | e. Date: 12-18-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:
Sangamon Valley LF
2563 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 6631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): John L Whitlock | f. Signature | g. Date: 12-18-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline			20yd	21846

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keebler | q. Signature | r. Date: 12-18-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

e. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): John Doe | d. Signature | e. Date: 12-18-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:
Sangamon Valley LF
2563 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 6631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): John L Whitlock | f. Signature | g. Date: 12-18-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline			20yd	12,738

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keebler | q. Signature | r. Date: 12-18-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

e. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): CHUCK FOSTER | d. Signature | e. Date: 12-18-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:
Sangamon Valley LF
2563 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 6631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): John L Whitlock | f. Signature | g. Date: 12-18-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 680 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702

g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline			20yd	11,484

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keebler | q. Signature | r. Date: 12-18-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

e. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 0702

c. Driver Name (Print): D DOWLEY | d. Signature | e. Date: 12-18-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

e. Disposal Facility and Site Address:
Sangamon Valley LF
2563 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 6631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): John L Whitlock | f. Signature | g. Date: 12-18-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of the consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** — 1 of 1

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-e)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 660 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil contd w/ unleaded gasoline			20yd	16.5tn

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keebler | q. Signature: Michael Keebler | r. Date: 12.18.20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr. Suite 1
Springfield IL 62704
b. Phone: 217 548 0702

c. Driver Name (Print): Donnie James | d. Signature: Donnie James | e. Date: 12-18-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 6631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): John L. Whitlock | f. Signature: John L Whitlock | g. Date: 12-18-20

IV. ASBESTOS (Generator completes IVa-f and Operator completes IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** — 2 of 1

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-e)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 660 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil contd w/ unleaded gasoline				

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keebler | q. Signature: Michael Keebler | r. Date: 12-18-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr. Suite 1
Springfield IL 62704
b. Phone: 217 548 0702

c. Driver Name (Print): Chuck Smith | d. Signature: Chuck Smith | e. Date: 12-18-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 6631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): | f. Signature: | g. Date:

IV. ASBESTOS (Generator completes IVa-f and Operator completes IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** — 3 of 1

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-e)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 660 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil contd w/ unleaded gasoline			20yd	16.14tn

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keebler | q. Signature: Michael Keebler | r. Date: 12-18-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr. Suite 1
Springfield IL 62704
b. Phone: 217 548 0702

c. Driver Name (Print): John West | d. Signature: | e. Date: 12-18-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 6631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): John L. Whitlock | f. Signature: John L Whitlock | g. Date: 12-18-20

IV. ASBESTOS (Generator completes IVa-f and Operator completes IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST** — 4 of 1

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-e)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location:
Chronister Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 660 7749

e. Generator's Mailing Address:
2026 N Republic
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:
h. Owner's Name | i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil contd w/ unleaded gasoline			20yd	12.38tn

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keebler | q. Signature: Michael Keebler | r. Date: 12-18-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address:
Perry Environmental
960 Clocktower Dr. Suite 1
Springfield IL 62704
b. Phone: 217 548 0702

c. Driver Name (Print): D Bowley | d. Signature: D Bowley | e. Date: 12-18-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:
Sangamon Valley LF
2585 Sand Hill Rd.
Springfield, IL 62707
b. Phone: 309 827 6631

c. US EPA Number | d. Discrepancy Indication Space:

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

e. Name of Authorized Agent (Print): John L. Whitlock | f. Signature: John L Whitlock | g. Date: 12-18-20

IV. ASBESTOS (Generator completes IVa-f and Operator completes IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:

b. Phone: | d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both | % Friable | % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

REPUBLIC SERVICES, INC. — NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST 105

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704
f. Phone: 337 680 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name:
i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil cont'd w/ unleaded gasoline			20yd	12.24t

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keeble | q. Signature: [signature] | r. Date: 12-18-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 060 Clocktower Dr. Suite 1, Springfield IL 62704
b. Phone: 217 546 0702
c. Driver Name (Print): Chuck Foster | d. Signature: [signature] | e. Date: 12-18-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LP, 2585 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309 827 8631
c. US EPA Number | d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
e. Name of Authorized Agent (Print): John L. Whitlock | f. Signature: [signature] | g. Date: 12-18-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:
b. Phone:
c. Responsible Agency Name and Address:
d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

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REPUBLIC SERVICES, INC. — NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST 106

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704
f. Phone: 337 680 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name:
i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil cont'd w/ unleaded gasoline			20yd	17.19t

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keeble | q. Signature: [signature] | r. Date: 12-18-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 060 Clocktower Dr. Suite 1, Springfield IL 62704
b. Phone: 217 546 0702
c. Driver Name (Print): Donnie James | d. Signature: [signature] | e. Date: 12-18-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LP, 2585 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309 827 8631
c. US EPA Number | d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
e. Name of Authorized Agent (Print): John L. Whitlock | f. Signature: [signature] | g. Date: 12-18-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:
b. Phone:
c. Responsible Agency Name and Address:
d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

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REPUBLIC SERVICES, INC. — NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST 10[illegible]

Dri #59 SAVED

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704
f. Phone: 337 680 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name:
i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil cont'd w/ unleaded gasoline			20yd	18.3

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keeble | q. Signature: [signature] | r. Date: 12-18-20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 060 Clocktower Dr. Suite 1, Springfield IL 62704
b. Phone: 217 546 0702
c. Driver Name (Print): John Neal | d. Signature: [signature] | e. Date: 12-18-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LP, 2585 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309 827 8631
c. US EPA Number | d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
e. Name of Authorized Agent (Print): John L. Whitlock | f. Signature: [signature] | g. Date: 12-18-20

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:
b. Phone:
c. Responsible Agency Name and Address:
d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

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REPUBLIC SERVICES, INC. — NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST 10[illegible]

Dri 26
66200

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704
f. Phone: 337 680 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name:
i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015288	11/20/21	Soil cont'd w/ unleaded gasoline	1	40	20 cy	13.88

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions. I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): Michael Keeble | q. Signature: [signature] | r. Date: 12-18-2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 060 Clocktower Dr. Suite 1, Springfield IL 62704
b. Phone: 217 546 0702
c. Driver Name (Print): D DONLEY | d. Signature: [signature] | e. Date: 12-18-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LP, 2585 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309 827 8631
c. US EPA Number | d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
e. Name of Authorized Agent (Print): [illegible] | f. Signature: [signature] | g. Date: 12/18/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address:
b. Phone:
c. Responsible Agency Name and Address:
d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print) | h. Signature | i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

Fcs#3 45080

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704
f. Phone: 337 680 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name:
i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline				1113

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): [signature] | q. Signature: [signature] | r. Date: 12-18-2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 900 Clocktower Dr, Suite 1, Springfield IL 62704
b. Phone: 217 546 0702
c. Driver Name (Print): [signature] | d. Signature: [signature] | e. Date: 12-18-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309.827.8831
c. US EPA Number | d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
e. Name of Authorized Agent (Print): [signature] | f. Signature: [signature] | g. Date: 12/18/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:
b. Phone: | d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.
g. Operator's Name and Title (Print) | h. Signature | i. Date
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

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REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

#91 73760

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704
f. Phone: 337 680 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name:
i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline	1	4R	20	19.58

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): [signature] | q. Signature: [signature] | r. Date: 12-18-2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 900 Clocktower Dr, Suite 1, Springfield IL 62704
b. Phone: 217 546 0702
c. Driver Name (Print): [signature] | d. Signature: [signature] | e. Date: 12-18-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309.827.8831
c. US EPA Number | d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
e. Name of Authorized Agent (Print): [signature] | f. Signature: [signature] | g. Date: 12/18/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:
b. Phone: | d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.
g. Operator's Name and Title (Print) | h. Signature | i. Date
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

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REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

Fcs3 46340

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704
f. Phone: 337 680 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name:
i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline	1	4R	20	1183

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): [signature] | q. Signature: [signature] | r. Date: 12-18-2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 900 Clocktower Dr, Suite 1, Springfield IL 62704
b. Phone: 217 546 0702
c. Driver Name (Print): [signature] | d. Signature: [signature] | e. Date: 12-18-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309.827.8831
c. US EPA Number | d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
e. Name of Authorized Agent (Print): [signature] | f. Signature: [signature] | g. Date: 12/18/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:
b. Phone: | d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.
g. Operator's Name and Title (Print) | h. Signature | i. Date
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

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REPUBLIC SERVICES, INC.

NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

#91 75960

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number | b. Manifest Document Number | c. Page 1 of 1

d. Generator's Name and Location: Chronister Oil Co, 2800 Peoria Rd, Springfield IL 62704
f. Phone: 337 680 7749
e. Generator's Mailing Address: 2026 N Republic, Springfield IL 62702
g. Phone:
If owner of the generating facility differs from the generator, provide:
h. Owner's Name:
i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41222015286	11/20/21	Soil cont'd w/ unleaded gasoline	1	4R	20	20.

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if the waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

p. Generator Authorized Agent Name (Print): [signature] | q. Signature: [signature] | r. Date: 12-18-2020

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-e)

a. Transporter's Name and Address: Perry Environmental, 900 Clocktower Dr, Suite 1, Springfield IL 62704
b. Phone: 217 546 0702
c. Driver Name (Print): [signature] | d. Signature: [signature] | e. Date: 12-18-2020

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address: Sangamon Valley LF, 2565 Sand Hill Rd, Springfield, IL 62707
b. Phone: 309.827.8831
c. US EPA Number | d. Discrepancy Indication Space:
I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.
e. Name of Authorized Agent (Print): [signature] | f. Signature: [signature] | g. Date: 12/18/2020

IV. ASBESTOS (Generator completes IVa-f and Operator complete IVg-i)

a. Operator's Name and Address: | c. Responsible Agency Name and Address:
b. Phone: | d. Phone:
e. Special Handling Instructions and Additional Information:
f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable
OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.
g. Operator's Name and Title (Print) | h. Signature | i. Date
*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both

REPUBLIC SERVICES, INC. **NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST**

6053 47060

If waste is asbestos waste, complete Sections I, II, III and IV
If waste is NOT asbestos waste, complete Sections I, II and III

I. GENERATOR (Generator completes Ia-r)

a. Generator's US EPA ID Number	b. Manifest Document Number	c. Page 1 of 1

d. Generator's Name and Location:
Chevrolet Oil Co
2800 Peoria Rd
Springfield IL 62704
f. Phone: 337 580 7740

e. Generator's Mailing Address:
2026 N Rapudio
Springfield IL 62702
g. Phone:

If owner of the generating facility differs from the generator, provide:

h. Owner's Name:

i. Owner's Phone No.:

j. Waste Profile #	k. Exp. Date	l. Waste Shipping Name and Description	m. Containers No.	m. Containers Type	n. Total Quantity	o. Unit Wt/Vol
41232015286	11/20/21	Soil cont'd w/ unleaded gasoline	1	TR	20	12.12

GENERATOR'S CERTIFICATION: I hereby certify that the above named material is not a hazardous waste as defined by 40 CFR 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations; AND, if this waste is a treatment residue of a previously restricted hazardous waste subject to the Land Disposal Restrictions, I certify and warrant that the waste has been treated in accordance with the requirements of 40 CFR 268 and is no longer a hazardous waste as defined by 40 CFR 261.

g. Generator Authorized Agent Name (Print)	h. Signature	i. Date
Michael Kreider	Michael Kreider	12/18/20

II. TRANSPORTER (Generator completes IIa-b and Transporter completes IIc-o)

a. Transporter's Name and Address:
Parry Environmental
980 Clocktower Dr, Suite 1
Springfield IL 62704
b. Phone: 217 546 6702

c. Driver Name (Print)	d. Signature	e. Date
CHUCK FOSTER	Chuck Foster	12-18-20

III. DESTINATION (Generator complete IIIa-c and Destination Site completes IIId-g)

a. Disposal Facility and Site Address:	c. US EPA Number	d. Discrepancy Indication Space:
Sangamon Valley LF 2363 Sand Hill Rd. Springfield, IL 62707 b. Phone: 309 477 5533		

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate

e. Name of Authorized Agent (Print)	f. Signature	g. Date
ROBERT N		12/18/2020

IV. ASBESTOS (Generator completes IVa-f and Operator completes IVg-i)

a. Operator's Name and Address:	c. Responsible Agency Name and Address:
b. Phone:	d. Phone:

e. Special Handling Instructions and Additional Information:

f. ☐ Friable ☐ Non-Friable ☐ Both % Friable % Non-Friable

OPERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations.

g. Operator's Name and Title (Print)	h. Signature	i. Date

*Operator refers to the company which owns, leases, operates, controls, or supervises the facility being demolished or renovated, or the demolition or renovation operation or both.

CW³M Company
Environmental Consulting Services

701 W. South Grand Avenue
Springfield, IL 62704

Phone: (217) 522-8001
Fax: (217) 522-8009

1671205520 – Sangamon County
Franklin, Bruce
Incident # 942157
Leaking UST Technical File

March 10, 2021

Steve Putrich, Project Manager
LUST Section, Bureau of Land
Illinois Environmental Protection Agency
1021 North Grand Avenue East
Springfield, Illinois 62794-9276

RE: **LPC #1671205520—Sangamon County**
Qik-N-EZ / Springfield
2800 North Peoria Road
Incident Number: 94-2157

Dear Mr. Putrich:

On behalf of Chronister Oil Company, we are submitting an election to proceed as owner for Incident Number 94-2157 for the above-mentioned site.

If you have any questions or concerns, please contact Mr. Matthew Saladino or me at (217) 522-8001.

Sincerely,

Carol L. Rowe, P.G.
Senior Environmental Geologist

xc: Mrs. Amy Ridley, *Chronister Oil Company*
Mr. William T. Sinnott, *CW³M Company, Inc.*

Illinois Environmental P

1021 North Grand Avenue East • P.O. Box 19276 • Springfield •

1671205520 – Sangamon County
Franklin, Bruce
Incident # 942157
Leaking UST Technical File

Leaking Underground Storage Tank Program
Election to Proceed as "Owner"

For additional information, see the new fact sheet.

A. Site Identification

IEMA Incident # (6- or 8-digit): 942157 IEPA LPC # (10-digit): 1671205520

Site Name: Qik-N-EZ

Site Address (Not a P.O. Box): 2800 North Peoria Road

City: Springfield County: Sangamon Zip Code: 62702

Leaking UST Technical File

B. Election

Pursuant to Section 57.2 of the Environmental Protection Act [415 ILCS 5/57.2], I hereby elect to proceed as an "owner" under Title XVI of the Environmental Protection Act. I certify that I have acquired an ownership interest in the above-named site (documentation attached), that one or more underground storage tanks registered with the Office of the State Fire Marshal have been removed from the site, and that corrective action on the site has not yet resulted in the issuance of a "no further remediation letter" by the Illinois EPA pursuant to Title XVI of the Environmental Protection Act.

I understand that by making this election I become subject to all of the responsibilities and liabilities of an "owner" under Title XVI of the Environmental Protection Act and the Illinois Pollution Control Board's rules at 35 Ill. Adm. Code 734. I further understand that, once made, this election cannot be withdrawn.

C. Signature

Person electing to proceed as "owner":

Name: Chronister Oil Company
Contact: Amy (Chronister) Ridley
Address: 2026 North Republic Street
City: Springfield
State: Illinois
Zip Code: 62702
Phone: 217-306-3451
Signature:
Date: 3/10/2021

RECEIVED
MAR 15 2021
IEPA/BOL

167120 5520 - Sangamon
Franklin, Bruce
Cowling UST Tech File

Division of Petroleum & Chemical Safety

Print Detail Page Export to Excel Last Search Page

Facility Details

Facility Number:	5013134
Status:	Active
Facility Name:	Qik-N-EZ
Address:	2800 Peoria Road Springfield, IL 62702
County:	Sangamon
Property Parcel:	14-14.0-152-008
Facility Type:	Attended Self-Service Station
Owner Type:	Private
Green Tag Decal:	V002822
Green Tag Issue Date:	1/21/2021
Green Tag Expiration Date:	12/31/2022

Owner Details

Owner Name:	Chronister Oil Company
Owner Address:	2026 N Republic Street Springfield, IL 62702
Owner Status:	Current Owner
Purchase Date:	7/18/2016
Type of Financial Responsibility:	Self-Insurance
Financial Responsibility Reporting Due Date:	6/28/2021

Motor Fuel Dispensing Permits

MFD Permit Type	Issue Date	Expiration Date
Self Service	1/21/2021	12/31/2022

Owner Summary

Click for Facility/Tank Ownership history

Owner Number	Owner Name	Owner Status	Purchase Date
U0017119	Chronister Oil Company	Current Owner	7/18/2016
U0025066	Franklin Bruce	Former Owner	9/5/1996
U0025722	Q & E Properties, Inc.	Former Owner	1/1/1995
U0010310	Midwest Petroleum Company	Former Owner	12/31/1967
U0029291	Lincoln Land Oil Company	Former Owner	

Permits (Unexpired)

Click for permit history

Permit Number	Type	Status	OSFM Receive Date	Issue Date	Expiration Date	Documents
01774-2020INS	Install	Approved / Amended	12/3/2020	12/15/2020	6/16/2021	Documents
01667-2020ABN	Abandon in Place	Approved / Issued	11/23/2020	11/23/2020	5/25/2021	Documents
01668-2020REM	Removal	Approved / Issued	11/23/2020	11/23/2020	5/25/2021	Documents

Deficiencies (Current)

No Deficiencies Found

IEMA Numbers Associated with the Facility

IEMA Number	Inspection Date	Inspection Type	Permit Number
2020-1063	12/9/2020	Removal Log	01668-2020REM
2020-1063	12/8/2020	Abandonment Log	01667-2020ABN
90-2733	9/19/1990	Removal Log	

IEMA Number	Inspection Date	Inspection Type	Permit Number

LUST Fund Eligibility and Deductibility Determinations

IEMA Number	Status	OSFM Received Date	OSFM Response Date	Deductible	Letter
96-1540	Eligible	6/12/1997	7/9/1997	$10,000	
99-1895	Eligible	9/21/1999	9/29/1999	$10,000	
19991895	Eligible	11/25/2019	11/26/2019	$10,000	Letter
19961540	Eligible	11/25/2019	11/26/2019	$10,000	Letter

Tank Information

Tank Number	Capacity	Product	Status	Regulated Status	Red Tag Issued	Fee Due	Abandon/Removal Date
1	10000	Diesel Fuel	Abandoned in place	Federal		$0.00	12/08/2020 - ABN
2	10000	Gasoline	Removed	Federal		$0.00	12/09/2020 - REM
3	8000	E-85	Removed	Federal		$0.00	12/09/2020 - REM
4	6000	Diesel Fuel	Removed	Federal		$0.00	08/08/1990 - REM
5	10000	Gasoline - Regular	Currently in use	Federal		$0.00	
6	10000	Diesel Fuel	Currently in use	Federal		$0.00	
7	10000	E-15	Currently in use	Federal		$0.00	

Dispenser Information

Name\ID	Status	Sensor Shuts Down Product Pump
1/2	Active	Unknown
3/4	Active	Unknown
5/6	Active	Unknown
7/8	Active	Unknown

MFD Motorfuel Dispensing Forms

Facility Number	Name	City	Received Date	Letter
5013134	Qik-N-EZ	Springfield	01/18/2021	Letter Form

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 · (217) 782-3397
JB PRITZKER, GOVERNOR JOHN J. KIM, DIRECTOR

(217) 524-3300

CERTIFIED MAIL

APR 07 2021

7018 1830 0000 5281 2277

Chronister Oil Company
Attn: Amy Ridley
2026 North Republic Street
Springfield, IL 62702

Re: 1671205520 -- Sangamon County
Springfield/Qik-N-EZ
2800 North Peoria Road
Leaking UST Incident 942157
Leaking UST Technical File

Dear Ms. Ridley:

On March 15, 2021, the Illinois Environmental Protection Agency (Illinois EPA) received the Election to Proceed as "Owner" form (electing to proceed under Title XVI of the Act as amended by Public Act 94-0274) dated March 10, 2021 for the above-referenced incident. Citations in this letter are from the Environmental Protection Act (415 ILCS 5) (Act) and Title 35 of the Illinois Administrative Code (35 Ill. Adm. Code).

By signing the form, you certified that you have acquired an ownership interest in the above-referenced site, one or more underground storage tanks registered with the Office of the State Fire Marshal have been removed from the site, and corrective action on the site has not yet resulted in the issuance of a "no further remediation letter" by the Illinois EPA pursuant to Title XVI of the Act. Based upon this certification, your Election to Proceed as "Owner" is accepted (Section 57.13 of the Act and 35 Ill. Adm. Code 734.105).

As the new owner, you may be eligible to access the Underground Storage Tank Fund for payment of costs related to remediation of the release. For information regarding eligibility and the deductible amount to be paid, please contact the Office of the Illinois State Fire Marshal at (217) 785-1020.

If you have any questions or need further assistance, please contact the undersigned at Steve.Putrich@illinois.gov or at (217) 524-4827.

Sincerely,

Steve Putrich
Project Manager
Leaking Underground Storage Tank Section
Bureau of Land

SP:TB TB

c: CWM Company
BOL File

2125 S. First Street, Champaign, IL 61820 (217) 278-5800
1101 Eastport Plaza Dr., Suite 100, Collinsville, IL 62234 (618) 346-5120
9511 Harrison Street, Des Plaines, IL 60016 (847) 294-4000
595 S. State Street, Elgin, IL 60123 (847) 608-3131
2309 W. Main Street, Suite 116, Marion, IL 62959 (618) 993-7200
412 SW Washington Street, Suite D, Peoria, IL 61602 (309) 671-3022
4302 N. Main Street, Rockford, IL 61103 (815) 987-7760

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 • (217) 782-3397
JB PRITZKER, GOVERNOR JOHN J. KIM, DIRECTOR

(217) 524-3300

CERTIFIED MAIL

7020 2450 0000 1707 6249

MAY 26 2021

Chronister Oil Company
Attn: Amy Chronister Ridley
2026 North Republic Street
Springfield, IL 62702

Re: 1671205520 -- Sangamon County
Springfield/Qik-n-EZ
2800 North Peoria Road
Leaking UST Incident 20201063
Leaking UST Technical File

Dear Ms. Ridley:

The Illinois Environmental Protection Agency (Illinois EPA) has reviewed the 45-Day Report (report) for the above-referenced incident. The report, dated January 20, 2021, was received by the Illinois EPA on January 26, 2021. Citations in this letter are from the Environmental Protection Act (415 ILCS 5) (Act) and Title 35 of the Illinois Administrative Code (35 Ill. Adm. Code).

The report is approved pursuant to 35 Ill. Adm. Code 734.505(b) and 734.510(a). Therefore, the 45-day reporting requirements of Section 57.6 of the Act and 35 Ill. Adm. Code 734.210(d) have been satisfied.

This action does not constitute any decision or determination regarding the timeliness of the submittal of the report. This action does not waive or otherwise preclude any enforcement the Illinois EPA may initiate in response to any apparent violation of timely submittal requirements.

If you have any questions or need further assistance, please contact the undersigned at (217) 524-4827 or at steve.putrich@illinois.gov.

Sincerely,

Steve Putrich
Project Manager
Leaking Underground Storage Tank Section
Bureau of Land

TB

c: CWM Company (electronic copy)
BOL File

IEPA-DIVISION OF RECORDS MANAGEMENT
RELEASABLE

JUL 16 2021

REVIEWER: SAB

2125 S. First Street, Champaign, IL 61820 (217) 278-5800
1101 Eastport Plaza Dr., Suite 100, Collinsville, IL 62234 (618) 346-5120
9511 Harrison Street, Des Plaines, IL 60016 (847) 294-4000
595 S. State Street, Elgin, IL 60123 (847) 608-3131
2309 W. Main Street, Suite 116, Marion, IL 62959 (618) 993-7200
412 SW Washington Street, Suite D, Peoria, IL 61602 (309) 671-3022
4302 N. Main Street, Rockford, IL 61103 (815) 987-7760

Illinois Environmental Protection Agency
LUST Claims Unit

LCTS Queue Date Tracking Worksheet

Friday, October 1, 2021

LPC Number 1671205520

Incident Number 20201063 -- **72385**

120-Day Date 12/31/2021

Queue Date 9/2/2021

Site Name ~~LINCOLNLAND OIL~~ Qik-n-EZ

Owner Name ~~LINCOLNLAND OIL~~

Operator Name ~~LINCOLNLAND OIL~~

Class Code EA Program 734

Amount Requested $13,132.65

Billing Period From 12/1/2020 To 4/30/2021

Consultant Name CWM Company, Inc.

Opt-In Date

NFR Date

NFR Recorded Date

Division File

Comments

First claim for this Incident Number? Yes (No)

Yearly breakdowns required? Yes (No)

REIMBURSEMENT CLAIM
December 1, 2020 - April 30, 2021

Mrs. Linda Chronister
Chronister Oil Company
QIK-N-EZ
Springfield/Sangamon County

Claim 72307

LPC #1671205520
Incident Number 1996-1540
Incident Number 2020-1063

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CW³M Company

Environmental Consulting Services

701 W. South Grand Avenue
Springfield, IL 62704

Phone: (217) 522-8001
Fax: (217) 522-8009

August 30, 2021

Mr. Mohammed Z. Rahman, Manager
Illinois Environmental Protection Agency
Leaking Underground Storage Tank Section
P.O. Box 19276
Springfield, IL 62794-9276

Re: LPC# 1671205520
Chronister Oil Co. Qik-n-Ez
Springfield (Sangamon), IL
LUST Incident #2020-1063

Dear Mr. Rahman:

Enclosed under this cover please find the original(s) and copy(s) of **IEPA Owner / Operator Billing Certification Form for Leaking Underground Storage Tank Sites (With appropriate signatures by the Owner/Operator and the Registered Professional Engineer), Form C-1/C-2 Approved Budget Summary & Billing Summary, and Form A-1/A-2 Budget and Billing Form For Leaking Underground Storage Tank Sites** for Site Early Action Activities for the above referenced Facility, for each billing period represented.

As indicated the Certification(s) apply to work conducted during the following time periods. Accordingly, please find the Illinois Environmental Protection Agency Reimbursement (With Supporting Documentation) for UST **Site Early Action** as follows:

Period: 12/01/20 - through 12/31/20 - Summary Total Cost:	**$ 9,514.30**
CW³M Company, Inc.	$ 2,601.79
Subcontractor(s)	$ 6,912.51
Period: 01/01/21 – through 01/31/21 – Summary Total Cost:	**$ 1,682.09**
CW³M Company, Inc.	$ 1,682.09
Subcontractor(s)	$ 0.00
Period: 02/01/21 - through 02/28/21 - Summary Total Cost:	**$ 202.84**
CW³M Company, Inc.	$ 202.84
Subcontractor(s)	$ 0.00
Period: 03/01/21 - through 03/31/21 - Summary Total Cost:	**$ 1,235.48**
CW³M Company, Inc.	$ 1,235.48
Subcontractor(s)	$ 0.00
Period: 04/01/21 – through 04/30/21 – Summary Total Cost:	**$ 497.94**
CW³M Company, Inc.	$ 497.94
Subcontractor(s)	$ 0.00

All Time Periods Represented: **Summary Total(s) Cost: $13,132.65**

We trust the enclosed reimbursement documentation, Engineer Certification(s) and the Owner/Operator Billing Certification are in accord with your needs and requirements. However, should you or your staff have any questions or require additional information please do not hesitate to contact us at your convenience.

Sincerely,

William T. Sinnott

cc: Ms. Linda Chronister
Ms. Carol L. Sinnott-Rowe, P.G.
File

Owner/Operator and Licensed Professional Engineer/Geologist Billing Certification Form

Under penalty of perjury as defined in Section 32-2 of the Criminal Code of 1961 [720 ILCS 5/32-2], I certify to the following:

- The bills in the attached application for payment are for performing corrective action activities associated with Incident # 2020-1063 reported for the Leaking Underground Storage Tank site located at Address: 2800 North Peoria Road
  City: Springfield State: IL Zip: 62702
- The bills are for the billing period December 1, 2020 through April 30, 2021 and were incurred in conformance with the Environmental Protection Act and 35 Ill. Adm. Code 731, 732, or 734.
- The attached application for payment and all documents submitted with it were prepared under the supervision of the licensed professional engineer or licensed professional geologist and the owner and/or operator whose signatures are set forth below and in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information provided. The information in the attached application for payment is, to the best of my knowledge and belief, true, accurate, and complete.
- The costs for remediating the above-listed incident are correct, are reasonable, and if applicable, were determined in accordance with Subpart H: Maximum Payment Amounts, Appendix D Sample Handling and Analysis amounts, and Appendix E Personnel Titles and Rates of 35 Ill. Adm. Code 732 or 734.
- I am aware there are significant penalties for submitting false statements or representations to the Illinois EPA, including but not limited to fines, imprisonment, or both as provided in Section 44 of the Environmental Protection Act [415 ILCS 5/44] and Section 32-2 of the Criminal Code of 1961 [720 ILCS 5/32-2].

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SEP 02 2021
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Owner/Operator Name: Chronister Oil Company

Authorized Representative*: Linda Chronister

Address: 2026 Republic Phone: 337-660-7749

City: Springfield State: Illinois Zip: 62702

Signature: Linda Chronister Date: 8-26-2021

Subscribed and sworn to before me the 26th day of August 2021

WILLIAM T SINNOTT OFFICIAL SEAL Notary Public - State of Illinois My Commission Expires January 24, 2024

(Notary Public) Seal:

L.P.E./L.P.G. Name: Vince E. Smith L.P.E./L.P.G. Seal:

VINCE E. SMITH 46118 REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS

L.P.E./L.P.G. Illinois Registration No.: 062-046118

L.P.E./L.P.G. Registration Expiration Date: 11/30/21

Company Name: CWM Company, Inc.

Address: 701 South Grand Ave. West Phone: 217-522-8001

City: Springfield State: Illinois Zip: 62704

L.P.E./L.P.G. Signature: Vince E. Smith Date: 8/28/21

Subscribed and sworn to before me the 28th day of August, 2021.

(Notary Public) Seal:

WILLIAM T SINNOTT OFFICIAL SEAL Notary Public - State of Illinois My Commission Expires January 24, 2024

*For a corporation, a principal executive officer of at least the level of vice president, or a person authorized by a resolution of the board of directors to sign the applicable document if a copy of the resolution, certified as a true copy by the secretary of the corporation, is submitted with the document.

Payment Certification Form

This certification must be included with every application for payment from the UST Fund.

I, Chronister Oil Company, the owner or operator of the Leaking UST site for which this application for payment is being submitted, certify that $ 13,132.65 is the amount being sought in this application for payment, $ 26,711.83 has already been paid from the Fund for this occurrence, and $ 0.00 has been sent to the Illinois EPA for payment for this occurrence but has not yet been paid. I further certify that the number of petroleum USTs in Illinois presently owned or operated by the owner or operator, any subsidiary, parent or joint stock company of the owner or operator, and any company owned by any parent, subsidiary or joint stock company of the owner or operator is (check one):

Fewer than 101 ☒ 101 or more ☐

Except for applications for payment associated with Early Action, I certify that a plan for the work included in this application for payment was approved by the Illinois EPA on N/A ; except for applications for payment associated with to 35 Ill. Adm. Code 731, certify that a budget for the work included in this application for payment was approved by the Illinois EPA on N/A ; and certify that the amount sought for payment was expended in conformance with the approved budget and approved plan. I further certify that, if the costs included in this application for payment are approved for payment, the following limitations will not be exceeded:

1. Payment will not result in the owner or operator receiving payment of corrective action costs or indemnification costs from the Fund for more than $1,000,000 per occurrence for sites subject to 35 Ill. Adm. Code 731 or 732. (OR) Payment will not result in the owner or operator receiving payment of corrective action costs or indemnification costs from the Fund for more than $1,500,000 per occurrence for sites subject to 35 Ill. Adm. Code 734.

2. Payment will not result in the owner or operator receiving payment of corrective action costs or indemnification costs from the Fund incurred during a calendar year in excess of the following amounts:

   For costs incurred in calendar years prior to 2002:

   $1,000,000, if fewer than 101 tanks are owned or operated in Illinois.
   $2,000,000, if 101 or more tanks are owned or operated in Illinois.

   For costs incurred in calendar years 2002 and later:

   $2,000,000, if fewer than 101 tanks are owned or operated in Illinois.
   $3,000,000, if 101 or more tanks are owned or operated in Illinois.

Owner/Operator Name: Chronister Oil Company

Authorized Representative*: Linda Chronister Title: Owner

Signature: [signature] Date: 8-26-2021

Subscribed and sworn to before me the 26TH day of AUGUST 2021.

(This certification must be notarized when the certification is signed.)

[signature] (Notary Public)

Seal: NOTARY PUBLIC STATE OF ILLINOIS — WILLIAM T SINNOTT OFFICIAL SEAL Notary Public - State of Illinois My Commission Expires January 24, 2024

*For a corporation, a principal executive officer of at least the level of vice president, or a person authorized by a resolution of the board of directors to sign the applicable document if a copy of the resolution, certified as a true copy by the secretary of the corporation, is submitted with the document.

Private Insurance Affidavit

I, Amy Chronister Ridley, _____, a duly authorized representative of Chronister Oil Company (owner/operator or firm's name),

hereby certify that Chronister Oil Company (owner/operator or firm's name) (does, does not) does not (choose one) have private insurance coverage for all or part of the costs related to claim for payment of Chronister Oil Company (owner or firm's name) investigation or remediation costs for work performed at Qik-N-EZ 2800 Peoria Road (site name) located at 2800 Peoria Road, Springfield, Illinois 62702 (address),

I, Amy Chronister Ridley (name), Representative (title) of Chronister Oil Company (owner/operator or firm's name),

certify that, as of this date, the above information is accurate and complete. Furthermore, I also agree to reimburse the Illinois EPA for any overpayment made by my private insurance company in excess of the deductible amount for each site.

Owner/Operator: Chronister Oil Company Title: Representative

X Signature: _____ Date: 5/15/20

Subscribed and sworn to before me the 15th day of May 15 2020.

_____ Seal:
(Notary Public)

CAROL L ROWE
Official Seal
Notary Public - State of Illinois
My Commission Expires Mar 18, 2021

The Illinois EPA is authorized to require this information under 415 ILCS 5/1. Disclosure of this information is required. Failure to do so may result in the delay or denial of any budget or payment requested hereunder. This form has been approved by the Forms Management Center.

Private Insurance Coverage Questionnaire

This form must be completed in full by all owners or operators, or their authorized representatives, that have a claim for payment from the State of Illinois Underground Storage Tank Fund for the labor, materials, overhead, and profit costs related to the investigation and/or remediation of a Leaking UST site.

1. Site Name: Qik-N-EZ 2800 Peoria Road

   Address: 2800 Peoria Road

   City: Springfield State: Illinois Zip: 62702

2. Name of insurance company providing coverage for this Leaking UST site:
   N/A

3. Amount of coverage provided: $ .00

4. Have you or your firm filed a claim against your insurance company for this Leaking UST site?

   Yes ☐ No ☒

   a. If yes, how much is the claim? $ .00

   b. If no, explain why. N/A

5. Have you or your firm received payment for a claim against your insurance company for this Leaking UST site?

   Yes ☐ No ☒

   a. If yes, how much and when? $ .00

      Date: N/A

   b. If no, explain why. N/A

6. Are you going to file a claim against your insurance policy?

   Yes ☐ No ☒

   a. If yes, how much and when? $ .00

      Date: N/A

   b. If no, explain why. N/A

This Illinois EPA is authorized to request this information under the Environmental Protection Act, 415 ILCS 5/1 et seq. (formerly Ill. Rev. Stat. Ch 111-1/2, 1001 et seq.). Disclosure of this information is required. Failure to properly complete this form in its entirety may result in the delay or denial of any payment requested hereunder. This form has been approved by the Forms Management Center.

Form **W-9**
(Rev. October 2018)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

▶ Go to *www.irs.gov/FormW9* for instructions and the latest information.

Give Form to the requester. Do not send to the IRS.

Print or type. See Specific Instructions on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.
Chronister Oil Company

2 Business name/disregarded entity name, if different from above

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.

☐ Individual/sole proprietor or single-member LLC ☐ C Corporation ☑ S Corporation ☐ Partnership ☐ Trust/estate

☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____

Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is **not** disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.

☐ Other (see instructions) ▶

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any) _____

Exemption from FATCA reporting code (if any) _____

(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.) See instructions.
PO Box 571

Requester's name and address (optional)

6 City, state, and ZIP code
Carlinville, Illinois 62626

7 List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number
[ ][ ][ ] - [ ][ ] - [ ][ ][ ][ ]

or

Employer identification number
3 7 - 0 9 0 1 1 6 9

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here Signature of U.S. person ▶ [signature] Date ▶ 12-19-19

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to *www.irs.gov/FormW9*.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, *later.*

OFFICE OF THE ILLINOIS STATE FIRE MARSHAL

JB Pritzker, Governor
Matt Perez, State Fire Marshal

8/3/2021

Chronister Oil Company
2026 Republic Street
Springfield, IL 62702

In Re: Facility No. 5013134
IEMA Incident No. 20201063
Qik-N-EZ
2800 Peoria Road
Springfield, Sangamon, IL 62702

Dear Applicant:

The Reimbursement Eligibility and Deductible Application received on August 02, 2021 for the above referenced occurrence has been reviewed. The following determinations have been made based upon this review.

It has been determined that you are eligible to seek payment of costs in excess of $5,000. The costs must be in response to the occurrence referenced above and associated with the following tanks:

Eligible Tanks

Tank 1 10000 gallon Diesel Fuel
Tank 2 10000 gallon Gasoline
Tank 3 8000 gallon E-85

You must contact the Illinois Environmental Protection Agency to receive a packet of Agency billing forms for submitting your request for payment.

An owner or operator is eligible to access the Underground Storage Tank Fund if the eligibility requirements are satisfied:

1. Neither the owner nor the operator is the United States Government,
2. The tank does not contain fuel which is exempt from the Motor Fuel Tax Law,
3. The costs were incurred as a result of a confirmed release of any of the following substances:

   "Fuel", as defined in Section 1.19 of the Motor Fuel Tax Law

   Aviation fuel

   Heating oil

   Kerosene

   Used oil, which has been refined from crude oil used in a motor vehicle, as defined in Section 1.3 of the Motor Fuel Tax Law.
4. The owner or operator registered the tank and paid all fees in accordance with the statutory and regulatory requirements of the Gasoline Storage Act.
5. The owner or operator notified the Illinois Emergency Management Agency of a confirmed release, the costs were incurred after the notification and the costs were a result of a release of a substance listed in this Section. Costs of corrective action or indemnification incurred before providing that notification shall not be eligible for payment.
6. The costs have not already been paid to the owner or operator under a private insurance policy, other written agreement, or court order.
7. The costs were associated with "corrective action".

This constitutes the final decision as it relates to your eligibility and the set deductible. We reserve the right to change the deductible determination should additional information that would change the determination become available. An underground storage tank owner or operator may appeal the decision to the Illinois Pollution Control Board (Board), pursuant to Section 57.9 (c) (2). An owner or operator who seeks to appeal the decision shall file a petition for a hearing before the Board within 35 days of the date of issuance of the final decision, (35 Illinois Administrative Code 105.504(b)).

For information regarding the filing of an appeal, please contact:

Clerk
Illinois Pollution Control Board
State of Illinois Center
100 West Randolph, Suite 11-500
Chicago, Illinois 60601
(312) 814-3620

The following tanks are also listed for this site:

Tank 4 6000 gallon Diesel Fuel
Tank 5 10000 gallon Gasoline - Regular
Tank 6 10000 gallon Diesel Fuel
Tank 7 10000 gallon E-15

Your application indicates that there has not been a release from these tanks under this incident number. You may be eligible to seek payment of corrective action costs associated with these tanks if it is determined that there has been a release from one or more of these tanks. Once it is determined that there has been a release from one or more of these tanks you may submit a separate application for an eligibility determination to seek corrective action costs associated with this/these tanks.

If you have any questions, please contact our Office at (217) 785-1020.

Sincerely,

Deanne Lock

Division of Petroleum and Chemical Safety

Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

General Information for the Budget and Billing Forms

LPC #: 1671205520 **County:** Sangamon

City: Springfield **Site Name:** Qik-N-EZ

Site Address: 2800 North Peoria Road

Date this form was prepared: Aug 25, 2021

List all IEMA Incident numbers associated with this package:

2020-1063

List all other incidents associated with this site that are not associated with this package:

90-2733, 94-2157, 96-1540, 99-1895

This form is being submitted as a (check one, if applicable):

- ☑ Billing Package
- ○ Budget Amendment (Budget amendments must include only the costs over the previous budget.)
- ○ Budget Proposal

Please provide the name(s) and date(s) of report(s) documenting the costs requested:

Name(s): _____ _____ _____

Date(s): _____ _____ _____

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SEP 02 2021
IEPA/BOL

This package is being submitted for the site activities indicated below:

35 Ill. Adm. Code 734:

- ☐ Early Action
- ☐ Free Product Removal after Early Action
- ☐ Site Investigation . . . . . Stage 1: ☐ Stage 2: ☐ Stage 3: ☐
- ☐ Corrective Action

35 Ill. Adm. Code 732:

- ☐ Early Action
- ☐ Free Product Removal after Early Action
- ☐ Site Classification
- ☐ Low Priority Corrective Action
- ☐ High Priority Corrective Action

35 Ill. Adm. Code 731:

- ☐ Site Investigation
- ☐ Corrective Action

General Information for the Budget and Billing Forms

The following address will be used as the mailing address for checks and any final determination letters regarding payment from the Fund for this package.

Pay to the order of: Chronister Oil Company

Send in care of: CWM Company, Inc.

Address: P.O. Box

City: Carlinville State: IL Zip: 62626

The payee is the: Owner ☐ Operator ☐ (Check one or both.)

Signature of the owner or operator of the UST(s) (required) Date

Amy Ridley

Printed name of the owner or operator of the UST(s) (required)

W-9 must be submitted.
Click here to print off a W-9 Form.

Email: amy.ridley@lincolnlandoil.com

Number of petroleum USTs in Illinois presently owned or operated by the owner or operator; any subsidiary, parent or joint stock company of the owner or operator; and any company owned by any parent, subsidiary or joint stock company of the owner or operator:

Fewer than 101: ⊘ 101 or more: ○

Please list all tanks that have ever been located at the site and tanks that are presently located at the site.

Product Stored In UST	Size (gallons)	Did UST have a release?	Incident No.	Type of Release Tank Leak / Overfill / Piping Leak
Diesel	10,000	Yes ⊘ No ○	96-1540, 99-1895, 2020-1063	Tank Leak
Gasoline	10,000	Yes ⊘ No ○	2020-1063	Tank Leak
E-85	8,000	Yes ⊘ No ○	2020-1063	Tank Leak
Diesel	6,000	Yes ○ No ⊘		
Gasoline	10,000	Yes ○ No ⊘		
Diesel	10,000	Yes ○ No ⊘		
E-15	10,000	Yes ○ No ⊘		
		Yes ○ No ○		

Women and Minority Business Enterprises Form

The Illinois EPA is required to report State and Federal funds paid to Women Business Enterprises (WBE) and Minority Business Enterprises (MBE). Therefore, please provide the required information for all Prime Consultants/Contractors and Subcontractors used to perform the work for this billing:

Name of Leaking UST site: Qik N EZ Peoria Road, Springfield Incident No.: 2020-1063

The work for this billing was performed from 12/1/20 to 4/30/21

Prime Consultant: CWM Company, Inc.

FIRM'S NAME, ADDRESS, AND TELEPHONE NUMBER	IS THIS FIRM A WBE OR MBE?	IF WBE OR MBE, WHAT IS ITS STATE OF ILLINOIS VENDOR NUMBER?	AMOUNT PAID OR DUE THIS BILLING ($)
CWM Company, Inc. 701 South Grand Avenue West Springfield, Illinois 62704 217-522-8001	NO		6,220.14
Suburban Laboratories, Inc. 1950 S. Batavia Avenue, Suite 150 Geneva, Illinois 60134 708-544-3260	NO		6,312.51
Advanced Environmental Drilling & Contracting 1460 East 50th Avenue Farina, Illinois 62838	NO		600.00

BILLING TOTAL $ 13,132.65

The Illinois EPA is authorized to request this information under the Environmental Protection Act, 415 ILCS 5/1 et seq. (formerly Ill. Rev. Stat. Ch 111-1/2, 1001 et seq.). Disclosure of this information is required. Failure to properly complete this form in its entirety may result in the delay or denial of any payment requested hereunder. This form has been approved by the Forms Management Center.

Billing Summary

	$ Amount Approved in the Budget	$ Amount Requested for Payment from the Fund
1. Drilling and Monitoring Well Costs Form	.00	600.00
2. Analytical Costs Form	.00	6,312.51
3. Remediation and Disposal Costs Form	.00	.00
4. UST Removal and Abandonment Costs Form	.00	.00
5. Paving, Demolition, and Well Abandonment Costs Form	.00	.00
6. Consulting Personnel Costs Form	.00	6,193.04
7. Consultant's Materials Costs Form	.00	27.10
Total Amount Approved in the Budget *	$.00	NOT APPLICABLE
Subtotal of lines 1-7:	NOT APPLICABLE	$13,132.65
8. Handling Charges Form	NOT APPLICABLE	.00
TOTAL AMOUNT REQUESTED FOR PAYMENT	NOT APPLICABLE	$13,132.65

*Date(s) this Budget(s) was approved: _____

_____

_____

Drilling and Monitoring Well Costs Form

1. Drilling

Number of Borings to Be Drilled	Type HSA/PUSH/ Injection	Depth (feet) of Each Boring	Total Feet Drilled	Reason for Drilling
2	PUSH	10.00	20.00	Site Assessment @ Abandoned Tank

☒ Subpart H minimum payment amount applies.

	Total Feet	Rate per Foot ($)	Total Cost ($)
Total Feet via HSA:		28.79	
Total Feet via PUSH:	20.00	22.30	446.00
Total Feet for Injection via PUSH:		18.77	
		Total Drilling Costs:	600.00

2. Monitoring / Recovery Wells

Number of Wells	Type of Well HSA / PUSH / 4" or 6" Recovery / 8" Recovery	Diameter of Well (inches)	Depth of Well (feet)	Total Feet of Wells to Be Installed ($)

BASED ON 45 DAY REPORT SOIL BORINGS WERE CONDUCTED 12-8-2020 PRIOR TO IEMA

ital Feet	Rate per Foot ($)	Total Cost ($)
	20.05	
	15.18	
	30.38	
	49.81	
	Total Well Costs:	

Monitoring Well Costs:	$600.00

Analytical Costs Form

Laboratory Analysis	Number of Samples		Cost ($) per Analysis		Total per Parameter
Chemical Analysis					
BETX Soil with MTBE EPA 8260	20	X	111.78	=	$2,235.60
BETX Water with MTBE EPA 8260		X	98.41	=	$.00
COD (Chemical Oxygen Demand)		X		=	
Corrosivity		X		=	
Flash Point or Ignitability Analysis EPA 1010		X	43.39	=	$.00
Fraction Organic Carbon Content (f_{oc}) ASTM-D 2974-00		X	44.45	=	$.00
Fat, Oil, & Grease (FOG)		X		=	
LUST Pollutants Soil - analysis must include volatile, base/ neutral, polynuclear aromatics and metals list in Section 732. Appendix B and 734.Appendix B		X		=	
Dissolved Oxygen (DO)		X		=	
Paint Filter (Free Liquids)		X	18.41	=	$.00
PCB / Pesticides (combination)		X		=	
PCBs		X		=	
Pesticides		X		=	
pH		X	18.41	=	$.00
Phenol		X		=	
Polynuclear Aromatics PNA, or PAH SOIL EPA 8270	20	X	199.90	=	$3,998.00
Polynuclear Aromatics PNA, or PAH WATER EPA 8270		X	174.18	=	$.00
Reactivity		X		=	
SVOC - Soil (Semi-Volatile Organic Compounds)	Leaking for 2 more samples	X		=	
SVOC - Water (Semi-Volatile Organic Compounds)		X		=	
TKN (Total Kjeldahl) "nitrogen"		X		=	
TPH (Total Petroleum Hydrocarbons)		X		=	
VOC (Volatile Organic Compounds) - Soil (Non-Aqueous)		X	150.00	=	$.00
VOC (Volatile Organic Compounds) - Water		X		=	
		X		=	
		X		=	
		X		=	
		X		=	
		X		=	
Geo-Technical Analysis					
Soil Bulk Density (p_b) ASTM D2937-94		X	25.74	=	$.00
Ex-situ Hydraulic Conductivity / Permeability		X		=	
Moisture Content (w) ASTM D2216-92 / D4643-93		X		=	
Porosity		X		=	
Rock Hydraulic Conductivity Ex-situ		X		=	
Sieve / Particle Size Analysis ASTM D422-63 / D1140-54		X	169.65	=	$.00
Soil Classification ASTM D2488-90 / D2487-90		X		=	
Soil Particle Density (p_s) ASTM D854-92		X	100.00	=	$.00
		X		=	
		X		=	
		X		=	

Analytical Costs Form

Metals Analysis					
Soil preparation fee for Metals TCLP Soil (one fee per soil sample)		X		=	
Soil preparation fee for Metals Total Soil (one fee per soil sample)		X		=	
Water preparation fee for Metals Water (one fee per water sample)		X		=	
Arsenic TCLP Soil		X		=	
Arsenic Total Soil		X		=	
Arsenic Water		X		=	
Barium TCLP Soil		X		=	
Barium Total Soil		X		=	
Barium Water		X		=	
Cadmium TCLP Soil		X		=	
Cadmium Total Soil		X		=	
Cadmium Water		X		=	
Chromium TCLP Soil		X		=	
Chromium Total Soil		X		=	
Chromium Water		X		=	
Cyanide TCLP Soil		X		=	
Cyanide Total Soil		X		=	
Cyanide Water		X		=	
Iron TCLP Soil		X		=	
Iron Total Soil		X		=	
Iron Water		X		=	
Lead TCLP Soil		X	124.92	=	$.00
Lead Total Soil		X		=	
Lead Water		X		=	
Mercury TCLP Soil		X		=	
Mercury Total Soil		X		=	
Mercury Water		X		=	
Selenium TCLP Soil		X		=	
Selenium Total Soil		X		=	
Selenium Water		X		=	
Silver TCLP Soil		X		=	
Silver Total Soil		X		=	
Silver Water		X		=	
Metals TCLP Soil (a combination of all metals) RCRA		X	195.00	=	$.00
Metals Total Soil (a combination of all metals) RCRA		X		=	
Metals Water (a combination of all metals) RCRA		X		=	
		X		=	
		X		=	
		X		=	
		X		=	
Other					
EnCore® Sampler, purge-and-trap sampler, or equivalent sampling device	1	X	13.15	=	$13.15
Sample Shipping per sampling event[1]	1	X	65.76	=	$65.76

[1]A sampling event, at a minimum, is all samples (soil and groundwater) collected in a calendar day.

Total Analytical Costs: $ 6,312.51

Consulting Personnel Costs Form

Employee Name	Personnel Title	Hours	Rate* ($)	Total Cost
Remediation Category	Task			
V.E. Smith	Senior Prof. Engineer	.25	174.36	$43.59
20-Day	PE Review & Certification			
C.L. Rowe	Senior Project Manager	1.00	134.12	$134.12
20-Day	20 Day Certification			
R. Haas	Senior Admin. Assistant	1.00	60.36	$60.36
20-Day	20-Day Certification			
D.D. Finnamore	Engineer I	.50	100.60	$50.30
20-Day	20-Day Certification			

Employee Name	Personnel Title	Hours	Rate* ($)	Total Cost
Remediation Category	Task			
V.E. Smith	Engineer III	.25	134.12	$33.53
45-Day	45-Day Report Develop			
D.D. Finnamore	Draftperson/CAD IV	6.00	73.76	$442.56
45-Day	Drafting Base Maps/USTs/Utilities/Sampling Location			
G.T. Rowe	Engineer III	2.00	134.12	$268.24
45-Day	45-Day Report Develop			
C.L. Rowe	Senior Project Manager	4.50	134.12	$603.54
45-Day	Site Assesment/Background/UST History/Background			
D.D. Finnamore	Engineer I	16.00	100.60	$1,609.60
45-Day	45-Day Report Develop/Tabulate Analyticals			
R. Haas	Senior Admin. Assistant	1.25	60.36	$75.45
45-Day	Site Assesment/Site Info/45-Day/Prep/Distribution			
V.E. Smith	Senior Prof. Engineer	2.25	174.36	$392.31
45-Day	PE Review & Certification			
J.K. Kveton	Senior Scientist		114.00	$.00
45-Day	45-Day Report Develop			

Employee Name	Personnel Title	Hours	Rate* ($)	Total Cost
Remediation Category	Task			
R. Haas	Senior Admin. Assistant		60.36	$.00
EA-SB-Field	Log Soil Analytical Results			
M.J. Saladino	Engineer III		134.12	$.00
EA-SB-Field	Drilling/Sampling/Doc/Replacement Analytical			
G.T. Rowe	Engineer III		134.12	$.00
EA-SB-Field	Drilling/Soil Sampling			
K.T. Rowe	Project Manager		120.72	$.00
EA-SB-Field	Drilling			
C.L. Rowe	Senior Project Manager	1.00	134.12	$134.12
EA-SB-Field	Review Analytical Results			
D.D. Finnamore	Engineer I		100.60	$.00
EA-SB-Field	Drill Summaries			

Employee Name	Personnel Title	Hours	Rate* ($)	Total Cost
Remediation Category	Task			
R. Haas	Senior Admin. Assistant	1.75	60.36	$105.63
EA-Pay	Reimbursement Preparation			
R. Haas	Senior Acct. Technician	15.00	73.76	$1,106.40
EA-Pay	Reimbursement Preparation			
M.J. Saladino	Engineer III	2.50	134.12	$335.30
EA-Pay	OSFM Deductibility & Eligibility			
V.E. Smith	Senior Prof. Engineer	2.25	174.36	$392.31
EA-Pay	PE Review & Certification			
C.L. Rowe	Senior Acct. Technician	5.50	73.76	$405.68
EA-Pay	Reimbursement Preparation			
C.L. Rowe	Senior Project Manager		134.12	$.00
EA-Pay	Reimbursement Preparation			

*Refer to the applicable Maximum Payment Amounts document.

Total of Consulting Personnel Costs	$6,193.04

Consultant's Materials Costs Form

Materials, Equipment, or Field Purchase	Time or Amount Used	Rate ($)	Unit	Total Cost
Remediation Category	**Description/Justification**			
Copies		.10	/copy	$.00
20-Day	IEPA 20-Day Cert			
Postage	1.00	2.10	/each	$2.10
20-Day	IEPA 20-Day and OSFM Elig Forms - no receipt; used internal postage meter			
Postage		4.25	/each	$.00
20-Day	IEPA 20-Day Cert			
Postage		1.60	/each	$.00
45-Day	45-Day Forms - no receipt; used internal postage meter			
Copies		.10	/copy	$.00
45-Day	IEPA 45-Day/Attachments/Report			
Postage		19.75	/each	$.00
45-Day	IEPA 45-Day Report			

Materials, Equipment, or Field Purchase	Time or Amount Used	Rate ($)	Unit	Total Cost
Remediation Category	Description/Justification			
PID Rental		75.00	/day	$.00
EA-BF-Field	To detect VOC levels in soil samples			
Meals and Incidentals		55.00	/each	$.00
EA-BF-Field	Meals and Incidentals			
Measuring Wheel		18.00	/day	$.00
EA-BF-Field	Mapping and locating Sample locations			
PID Rental		75.00	/day	$.00
EA-BF-Field	To detect VOC levels in soil samples			
Soil Sampling Supplies	1.00	25.00	/each	$25.00
EA-BF-Field	Supplies for excavation sampling			
Mileage		.58	/mile	$.00
EA-BF-Field	Travel to site			
Disposable Latex Gloves		16.00	/day	$.00
EA-BF-Field	Disposable latex gloves for soil handling and sampling			
Postage		2.25	/each	$.00
EA-BF-Field	20-Cert/Landfill Forms			
Hotel		316.40	/night	$.00
EA-BF-Field	Hotel Overnight Charges			

Materials, Equipment, or Field Purchase	Time or Amount Used	Rate ($)	Unit	Total Cost
Remediation Category	Description/Justification			
Removal Permit		204.50	/each	$.00
UST-OT	OSFM UST Removal Permit			
UST-OT				
Postage		1.00	/each	$.00
UST-OT				
Hotel		222.88	/night	$.00
UST-OT	Hotel Overnight Charges			
Copies		.10	/copy	$.00
EA-Pay	UST Fund Reimb Claim/Dev/Supp Doc			
Postage		21.70	/each	$.00
EA-Pay	UST Fund Reimb Claim - no receipt - used internal postage meter			

Total of Consultant Materials Costs	$27.10

CW M Company
Environmental Consulting Services

[illegible] W. Jac[illegible] treet,
Marion, IL 62959
618/997-2238

[illegible] W. Gran
Springfield, IL 62704
217/522-8001

Project Work Summary for: **Qik-n-Ez 2020-1063 Peoria Road Springfield** *For the Month of:* **December 2020**

Date of Work / Employee	Position	Type of Work	Hourly Rate	Hours Worked	Labor Subtotal	Expenses
Wednesday, December 9, 2020						
Rowe, G.T.	Engineer III 7/2020	1 EA-BF-Field	$134.12	0.00	$0.00	$25.00
Rowe, C.L.	Senior Project Manager 7/1/20	1 EA-SB-Field	$134.12	1.00	$134.12	$0.00
Thursday, December 10, 2020						
Haas, R.	Senior Administrative Assistant	1 20-Day	$60.36	0.50	$30.18	$1.60
Finnamore, D.D	Engineer I 7/2020	1 45-Day	$100.60	4.00	$402.40	$0.00
Rowe, C.L.	Senior Project Manager 7/1/20	1 45-Day	$134.12	0.50	$67.06	$0.00
Monday, December 14, 2020						
Finnamore, D.D	Engineer I 7/2020	1 20-Day	$100.60	0.50	$50.30	$0.00
Rowe, C.L.	Senior Project Manager 7/1/20	1 20-Day	$134.12	0.25	$33.53	$0.00
Finnamore, D.D	Engineer I 7/2020	1 45-Day	$100.60	1.00	$100.60	$0.00
Rowe, C.L.	Senior Project Manager 7/1/20	1 45-Day	$134.12	0.75	$100.59	$0.00
Tuesday, December 15, 2020						
Finnamore, D.D	Draftperson / CAD IV 7/1/202	1 45-Day	$73.76	2.50	$184.40	$0.00
Finnamore, D.D	Engineer I 7/2020	1 45-Day	$100.60	2.00	$201.20	$0.00
Monday, December 21, 2020						
Rowe, C.L.	Senior Project Manager 7/1/20	1 45-Day	$134.12	0.75	$100.59	$0.00
Saladino, M.J.	Engineer III 7/2020	1 EA-Reimb	$134.12	2.50	$335.30	$0.00
Tuesday, December 22, 2020						
Rowe, C.L.	Senior Project Manager 7/1/20	1 45-Day	$134.12	0.50	$67.06	$0.00
Thursday, December 31, 2020						
Finnamore, D.D	Draftperson / CAD IV 7/1/202	1 45-Day	$73.76	2.00	$147.52	$0.00
Finnamore, D.D	Engineer I 7/2020	1 45-Day	$100.60	3.50	$352.10	$0.00

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Environmental Consulting Services

S. Jacl reet,
Marion, IL 62959
618/997-2238

1 W. Gran
Springfield, IL 62704
217/522-8001

Project Work Summary for: **Qik-n-Ez 2020-1063 Peoria Road Springfield** *For the Month of:* **December 2020**

Date of Work	Employee	Position	Type of Work	Hourly Rate	Hours Worked	Labor Subtotal	Expenses
	Rowe, G.T.	Engineer III 7/2020	1 45-Day	$134.12	2.00	$268.24	$0.00
			Line Item Totals:		24.25	$2,575.19	$26.60

Total project charges for month: $2,601.79

CW M Company

Environmental Consulting Services

400 W. Jackson Street, Suite C
Marion, IL 62959
618/997-2238

701 W. South Grand
Springfield, IL 62704
217/522-8001

Work Summary for **Qik-n-Ez 2020-1063 Peoria Road Springfield** **December 2020**

Employee	Position		Hourly Rate	Hours Worked	Labor Subtotal
Finnamore, D.D	Engineer I 7/2020	1 20-Day	$100.60	0.50	$50.30
			Finnamore, D.D Total:	**0.50**	**$50.30**
Haas, R.	Senior Administrative Assistant	1 20-Day	$60.36	0.50	$30.18
			Haas, R. Total:	**0.50**	**$30.18**
Rowe, C.L.	Senior Project Manager 7/1/20	1 20-Day	$134.12	0.25	$33.53
			Rowe, C.L. Total:	**0.25**	**$33.53**
Finnamore, D.D	Draftperson / CAD IV 7/1/202	1 45-Day	$73.76	4.50	$331.92
	Engineer I 7/2020	1 45-Day	$100.60	10.50	$1,056.30
			Finnamore, D.D Total:	**15.00**	**$1,388.22**
Rowe, C.L.	Senior Project Manager 7/1/20	1 45-Day	$134.12	2.50	$335.30
			Rowe, C.L. Total:	**2.50**	**$335.30**
Rowe, G.T.	Engineer III 7/2020	1 45-Day	$134.12	2.00	$268.24
			Rowe, G.T. Total:	**2.00**	**$268.24**
Rowe, G.T.	Engineer III 7/2020	1 EA-BF-Field	$134.12	0.00	$0.00
			Rowe, G.T. Total:	**0.00**	**$0.00**
Saladino, M.J.	Engineer III 7/2020	1 EA-Reimb	$134.12	2.50	$335.30
			Saladino, M.J. Total:	**2.50**	**$335.30**
Rowe, C.L.	Senior Project Manager 7/1/20	1 EA-SB-Field	$134.12	1.00	$134.12
			Rowe, C.L. Total:	**1.00**	**$134.12**
			Project Totals:	**24.25**	**$2,575.19**

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Environmental Consulting Services

Project Expenses for: **Qik-n-Ez 2020-1063 Peoria Road Springfield** **December 2020**

Date	Description of Expense	Comment	Phase Code	Quantity	Rate	Expenditure	Field Purchase
December 9, 2020	Soil & Water Sampling Supplies/Misc Ex		1 EA-BF-Field	1.00	$25.000	$25.00	☐
December 10, 2020	Postage	Postage: 20-Day and OSFM Forms	1 20-Day	1.60	$1.000	$1.60	☐
					Phase Total:	$26.60	

Advanced Env. Drilling & Contracting

1460 E. 50th Ave.
Farina, IL 62838

Invoice

Date	Invoice #
12/14/20	20-12082

Bill To
CWM, Inc. 701 W. South Grand Springfield, IL 62704 QIK N EZ, PEORIA RD

RECEIVED
JAN 08 2021
BY: CR

P.O. No.	Terms	Project
	Net 180	

Description	Qty	Rate	Amount
Minimum Soil Sampling - two holes for tank abandonment	1	600.00	600.00

Total	$600.00
Payments/Credits	$0.00
Balance Due	$600.00

SUBURBAN LABORATORIES, Inc.

INVOICE

FEIN # 36-2695636

1950 S. Batavia Ave., Suite 150 Geneva, Illinois 60134
Tel. (708) 544-3260 • Toll Free (800) 783-LABS
Fax (708) 544-8587
www.suburbanlabs.com

Remit To: Suburban Laboratories, Inc.
1950 S. Batavia Ave., Suite 150
Geneva, IL 60134
Phone: 708-544-3260 Fax: 708-544-8587

Invoice#: 183521
Invoice Date: 12/21/2020

Terms: NET90
Invoice Due: 3/21/2021

Carol Rowe
ACCOUNTS PAYABLE
CWM Company, Inc
701 West South Grand
Springfield, IL 62704

Priority: Routine
PO:
Report To: Carol Rowe
Fax: (217) 522-8009

Work Order: 2012B92 Date Received: 12/14/2020 Project: Q E Peoria Road

Item Description	Matrix	Remarks	Qty	Unit Price	% Disc.	Net Price	Total
BTEX + MTBE Solid	Soil	July 2019 - June 2020	20	$111.78			$2,235.60
PNAs by 8270 SIM	Soil	July 2019 - June 2020	20	$199.90			$3,998.00

Miscellaneous Charge Summary

Item	*Unit*	*Qty*	*Total*
Shipping & Handling	$65.76	1	$65.76
5035 Sampling Kit	$13.15	1	$13.15

Sub Total:	$6,233.60
Misc. Charges:	$78.91
Surcharge:	0.00%
INVOICE Total:	**$6,312.51**
Pre-Paid Amount:	$0.00
Total Payable Amount:	**$6,312.51**

Comments: Terms per signed agreement

RECEIVED
DEC 2 1 2020
BY: CK

Illinois Department of Public Health Accredited #17585

Illinois Environmental Protection Agency Accredited #100225

Page 1 of 1

CW M Company
Environmental Consulting Services

[illegible] Jac[illegible]reet,
Marion, IL 62959
618/997-2238

[illegible] W. Gran
Springfield, IL 62704
217/522-8001

Project Work Summary for: **Qik-n-Ez 2020-1063 Peoria Road Springfield** *For the Month of:* **January 2021**

Date of Work / Employee	Position	Type of Work	Hourly Rate	Hours Worked	Labor Subtotal	Expenses
Saturday, January 2, 2021						
Smith, V.E.	Senior Professional Engineer 7/	1 45-Day	$174.36	2.00	$348.72	$0.00
Monday, January 4, 2021						
Finnamore, D.D	Draftperson / CAD IV 7/1/202	1 45-Day	$73.76	1.50	$110.64	$0.00
Finnamore, D.D	Engineer I 7/2020	1 45-Day	$100.60	3.50	$352.10	$0.00
Haas, R.	Senior Administrative Assistant	1 45-Day	$60.36	0.25	$15.09	$0.00
Tuesday, January 5, 2021						
Rowe, C.L.	Senior Project Manager 7/1/20	1 45-Day	$134.12	0.75	$100.59	$0.00
Wednesday, January 6, 2021						
Rowe, C.L.	Senior Project Manager 7/1/20	1 20-Day	$134.12	0.25	$33.53	$0.00
Rowe, C.L.	Senior Project Manager 7/1/20	1 45-Day	$134.12	0.50	$67.06	$0.00
Rowe, C.L.	Sr. Acct. Technician 7/1/2020	1 EA-Reimb	$73.76	0.50	$36.88	$0.00
Saturday, January 9, 2021						
Smith, V.E.	Engineer III 7/1/2020	1 45-Day	$134.12	0.25	$33.53	$0.00
Monday, January 11, 2021						
Finnamore, D.D	Engineer I 7/2020	1 45-Day	$100.60	1.00	$100.60	$0.00
Tuesday, January 19, 2021						
Rowe, C.L.	Senior Project Manager 7/1/20	1 20-Day	$134.12	0.50	$67.06	$0.00
Smith, V.E.	Senior Professional Engineer 7/	1 20-Day	$174.36	0.25	$43.59	$0.00
Finnamore, D.D	Engineer I 7/2020	1 45-Day	$100.60	1.00	$100.60	$0.00
Rowe, C.L.	Senior Project Manager 7/1/20	1 45-Day	$134.12	0.50	$67.06	$0.00
Smith, V.E.	Senior Professional Engineer 7/	1 45-Day	$174.36	0.25	$43.59	$0.00
Wednesday, January 20, 2021						

CW M Company
Environmental Consulting Services

[redacted]. Jac[redacted]reet, [redacted]
Marion, IL 62959
618/997-2238

[redacted]l W. [redacted]Gran[redacted]
Springfield, IL 62704
217/522-8001

Project Work Summary for: **Qik-n-Ez 2020-1063 Peoria Road Springfield** *For the Month of* **January 2021**

Date of Work	Employee	Position	Type of Work	Hourly Rate	Hours Worked	Labor Subtotal	Expenses
	Haas, R.	Senior Administrative Assistant I	20-Day	$60.36	0.50	$30.18	$0.50
	Haas, R.	Senior Administrative Assistant I	45-Day	$60.36	1.00	$60.36	$0.00
	Rowe, C.L.	Senior Project Manager 7/1/20	1 45-Day	$134.12	0.25	$33.53	$0.00
Tuesday, January 26, 2021							
	Haas, R.	Sr. Acct. Technician 7/1/2020	1 EA-Reimb	$73.76	0.50	$36.88	$0.00
			Line Item Totals:		**15.25**	**$1,681.59**	**$0.50**

Total project charges for month: **$1,682.09**

CW M Company

Environmental Consulting Services

400 W. Jackson Street, Suite C
Marion, IL 62959
618/997-2238

701 W. South Grand
Springfield, IL 62704
217/522-8001

Work Summary for **Qik-n-Ez 2020-1063 Peoria Road Springfield** **January 2021**

Employee	Position		Hourly Rate	Hours Worked	Labor Subtotal
Haas, R.	Senior Administrative Assistant I	20-Day	$60.36	0.50	$30.18
		Haas, R. Total:		0.50	$30.18
Rowe, C.L.	Senior Project Manager 7/1/20	1 20-Day	$134.12	0.75	$100.59
		Rowe, C.L. Total:		0.75	$100.59
Smith, V.E.	Senior Professional Engineer 7/	1 20-Day	$174.36	0.25	$43.59
		Smith, V.E. Total:		0.25	$43.59
Finnamore, D.D	Draftperson / CAD IV 7/1/202	1 45-Day	$73.76	1.50	$110.64
	Engineer I 7/2020	1 45-Day	$100.60	5.50	$553.30
		Finnamore, D.D Total:		7.00	$663.94
Haas, R.	Senior Administrative Assistant I	45-Day	$60.36	1.25	$75.45
		Haas, R. Total:		1.25	$75.45
Rowe, C.L.	Senior Project Manager 7/1/20	1 45-Day	$134.12	2.00	$268.24
		Rowe, C.L. Total:		2.00	$268.24
Smith, V.E.	Engineer III 7/1/2020	1 45-Day	$134.12	0.25	$33.53
	Senior Professional Engineer 7/	1 45-Day	$174.36	2.25	$392.31
		Smith, V.E. Total:		2.50	$425.84
Haas, R.	Sr. Acct. Technician 7/1/2020	1 EA-Reimb	$73.76	0.50	$36.88
		Haas, R. Total:		0.50	$36.88
Rowe, C.L.	Sr. Acct. Technician 7/1/2020	1 EA-Reimb	$73.76	0.50	$36.88
		Rowe, C.L. Total:		0.50	$36.88
		Project Totals:		15.25	$1,681.59

CW M Company

400 W. Jackson Street, Suite C
Marion, IL 62959
618/997-2238

701 W. South Grand
Springfield, IL 62704
217/522-8001

Environmental Consulting Services

Project Expenses for: **Qik-n-Ez 2020-1063 Peoria Road Springfield** **January 2021**

Date	Description of Expense	Comment	Phase Code	Quantity	Rate	Expenditure	Field Purchase
January 20, 2021	Postage	20-Day Cert	I 20-Day	0.50	$1.000	$0.50	☐
					Phase Total:	$0.50	

CW M Company
Environmental Consulting Services

[illegible] Jack[illegible]reet,
Marion, IL 62959
618/997-2238

[illegible] W. [illegible] Gran
Springfield, IL 62704
217/522-8001

Project Work Summary for: **Qik-n-Ez 2020-1063 Peoria Road Springfield** *For the Month of:* **February 2021**

Date of Work / Employee	Position	Type of Work	Hourly Rate	Hours Worked	Labor Subtotal	Expenses
Thursday, February 18, 2021						
Haas, R.	Sr. Acct. Technician 7/1/2020	I EA-Reimb	$73.76	0.25	$18.44	$0.00
Friday, February 19, 2021						
Haas, R.	Sr. Acct. Technician 7/1/2020	I EA-Reimb	$73.76	2.50	$184.40	$0.00
		Line Item Totals:		**2.75**	**$202.84**	**$0.00**

Total project charges for month: $202.84

CW M Company

Environmental Consulting Services

400 W. Jackson Street, Suite C
Marion, IL 62959
618/997-2238

701 W. South Grand
Springfield, IL 62704
217/522-8001

Work Summary for **Qik-n-Ez 2020-1063 Peoria Road Springfield** **February 2021**

Employee	Position	Hourly Rate	Hours Worked	Labor Subtotal
Haas, R.	Sr. Acct. Technician 7/1/2020 1 EA-Reimb	$73.76	2.75	$202.84
	Haas, R. Total:		2.75	$202.84
	Project Totals:		2.75	$202.84

CW M Company
Environmental Consulting Services

[illegible] Jac[illegible]treet, [illegible]C
Marion, IL 62959
618/997-2238

[illegible]1 W. [illegible]Grat
Springfield, IL 62704
217/522-8001

Project Work Summary for: **Qik-n-Ez 2020-1063 Peoria Road Springfield** *For the Month of:* **March 2021**

Date of Work / Employee	Position	Type of Work	Hourly Rate	Hours Worked	Labor Subtotal	Expenses
Monday, March 1, 2021						
Rowe, C.L.	Sr. Acct. Technician 7/1/2020	1 EA-Reimb	$73.76	1.25	$92.20	$0.00
Friday, March 12, 2021						
Rowe, C.L.	Sr. Acct. Technician 7/1/2020	1 EA-Reimb	$73.76	1.00	$73.76	$0.00
Monday, March 15, 2021						
Rowe, C.L.	Sr. Acct. Technician 7/1/2020	1 EA-Reimb	$73.76	1.25	$92.20	$0.00
Tuesday, March 16, 2021						
Haas, R.	Sr. Acct. Technician 7/1/2020	1 EA-Reimb	$73.76	2.00	$147.52	$0.00
Friday, March 19, 2021						
Haas, R.	Sr. Acct. Technician 7/1/2020	1 EA-Reimb	$73.76	1.25	$92.20	$0.00
Rowe, C.L.	Sr. Acct. Technician 7/1/2020	1 EA-Reimb	$73.76	1.00	$73.76	$0.00
Monday, March 22, 2021						
Haas, R.	Sr. Acct. Technician 7/1/2020	1 EA-Reimb	$73.76	2.00	$147.52	$0.00
Tuesday, March 23, 2021						
Haas, R.	Sr. Acct. Technician 7/1/2020	1 EA-Reimb	$73.76	2.00	$147.52	$0.00
Wednesday, March 24, 2021						
Haas, R.	Sr. Acct. Technician 7/1/2020	1 EA-Reimb	$73.76	1.50	$110.64	$0.00
Rowe, C.L.	Sr. Acct. Technician 7/1/2020	1 EA-Reimb	$73.76	0.50	$36.88	$0.00
Thursday, March 25, 2021						
Haas, R.	Sr. Acct. Technician 7/1/2020	1 EA-Reimb	$73.76	0.50	$36.88	$0.00
Friday, March 26, 2021						
Haas, R.	Sr. Acct. Technician 7/1/2020	1 EA-Reimb	$73.76	2.50	$184.40	$0.00

000195

CW M Company
Environmental Consulting Services

[illegible] Jack[illegible]reet, [illegible]
Marion, IL 62959
618/997-2238

[illegible] W. [illegible]Gran[illegible]
Springfield, IL 62704
217/522-8001

Project Work Summary for: **Qik-n-Ez 2020-1063 Peoria Road Springfield** *For the Month of:* **March 2021**

Date of Work	Employee	Position	Type of Work	Hourly Rate	Hours Worked	Labor Subtotal	Expenses
			Line Item Totals:		16.75	$1,235.48	$0.00

Total project charges for month: $1,235.48

CW M Company

Environmental Consulting Services

400 W. Jackson Street, Suite C
Marion, IL 62959
618/997-2238

701 W. South Grand
Springfield, IL 62704
217/522-8001

Work Summary for **Qik-n-Ez 2020-1063 Peoria Road Springfield** **March 2021**

Employee	Position		Hourly Rate	Hours Worked	Labor Subtotal
Haas, R.	Sr. Acct. Technician 7/1/2020	1 EA-Reimb	$73.76	11.75	$866.68
		Haas, R. Total:		11.75	$866.68
Rowe, C.L.	Sr. Acct. Technician 7/1/2020	1 EA-Reimb	$73.76	5.00	$368.80
		Rowe, C.L. Total:		5.00	$368.80
		Project Totals:		16.75	$1,235.48

CW M Company
Environmental Consulting Services

100 W. Jackson Street, Suite C
Marion, IL 62959
618/997-2238

701 W. Grand
Springfield, IL 62704
217/522-8001

Project Work Summary for: **Qik-n-Ez 2020-1063 Peoria Road Springfield** *For the Month of:* **April 2021**

Date of Work / Employee	Position	Type of Work	Hourly Rate	Hours Worked	Labor Subtotal	Expenses
Monday, April 5, 2021						
Smith, V.E.	Senior Professional Engineer 7/ 1 EA-Reimb		$174.36	1.75	$305.13	$0.00
Thursday, April 8, 2021						
Smith, V.E.	Senior Professional Engineer 7/ 1 EA-Reimb		$174.36	0.50	$87.18	$0.00
Monday, April 12, 2021						
Haas, R.	Senior Administrative Assistant 1 EA-Reimb		$60.36	1.75	$105.63	$0.00
		Line Item Totals:		**4.00**	**$497.94**	**$0.00**

Total project charges for month: **$497.94**

CW M Company

Environmental Consulting Services

400 W. Jackson Street, Suite C
Marion, IL 62959
618/997-2238

701 W. South Grand
Springfield, IL 62704
217/522-8001

Work Summary for **Qik-n-Ez 2020-1063 Peoria Road Springfield** **April 2021**

Employee	Position	Hourly Rate	Hours Worked	Labor Subtotal
Haas, R.	Senior Administrative Assistant I EA-Reimb	$60.36	1.75	$105.63
	Haas, R. Total:		1.75	$105.63
Smith, V.E.	Senior Professional Engineer 7/ 1 EA-Reimb	$174.36	2.25	$392.31
	Smith, V.E. Total:		2.25	$392.31
	Project Totals:		4.00	$497.94

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 · (217) 782-3397
JB PRITZKER, GOVERNOR JOHN J. KIM, DIRECTOR

(217) 524-3300

CERTIFIED MAIL #
7011 1150 0001 0856 5797

DEC 13 2021

Chronister Oil Company
Attn: CWM Company, Inc.
P.O. Box 571
Carlinville, IL 62626

Re: 1671205520 -- Sangamon County
Springfield / Qik-n-EZ
2800 North Peoria Road
Incident-Claim No.: 20201063 -- 72385
Queue Date: Sept. 2, 2021
Leaking UST Fiscal File

Dear Ms. Chronister:

The Illinois Environmental Protection Agency (Illinois EPA) has completed the review of your application for payment from the Underground Storage Tank (UST) Fund for the above-referenced Leaking UST incident pursuant to Section 57.8(a) of the Environmental Protection Act (415 ILCS 5) (Act) and 35 Illinois Administrative Code (35 Ill. Adm. Code) 734.Subpart F.

This information is dated Sept. 2, 2021 and was received by the Illinois EPA on Sept. 2, 2021. The application for payment covers the period from Dec. 1, 2020 to Apr. 30, 2021. The amount requested is $13,132.65.

On Sept. 2, 2021, the Illinois EPA received your application for payment for this claim. As a result of Illinois EPA's review of this application for payment, a voucher for $7,311.34 will be prepared for submission to the Comptroller's Office for payment as funds become available based upon the date the Illinois EPA received your complete request for payment of this application for payment. Subsequent applications for payment that have been/are submitted will be processed based upon the date complete subsequent application for payment requests are received by the Illinois EPA. This constitutes the Illinois EPA's final action with regard to the above application(s) for payment.

The deductible amount of $5,000.00 was withheld from your payment. Pursuant to Section 57.8(a)(4) of the Act, any deductible, as determined pursuant to the Office of the State Fire Marshal's eligibility and deductibility final determination in accordance with Section 57.9 of the Act, shall be subtracted from any payment invoice paid to an eligible owner or operator.

There are costs from this claim that are not being paid. Listed in Attachment A are the costs that are not being paid and the reasons these costs are not being paid.

An underground storage tank system owner or operator may appeal this decision to the Illinois Pollution Control Board. Appeal rights are attached.

If you have any questions or require further assistance, please contact Cat Yurkovich of my staff at (217) 524-8440.

Sincerely,

Brian P. Bauer
Leaking UST Claims
Leaking Underground Storage Tank Section
Bureau of Land

Attachments: Attachment A
Appeal Rights

c: Linda Chronister, Chronister Oil Company
Leaking UST Claims Unit

Attachment A
Accounting Deductions

Re: 1671205520 -- Sangamon County
Springfield / Qik-n-EZ
2800 North Peoria Road
Incident-Claim No.: 20201063 -- 72385
Queue Date: Sept. 2, 2021
Leaking UST FISCAL FILE

Citations in this attachment are from the Environmental Protection Act (415 ILCS 5) (Act) and 35 Illinois Administrative Code (35 Ill. Adm. Code).

Item # Description of Deductions

1. $600.00, deduction for costs of early action incurred before providing notification of the release of petroleum to Illinois Emergency Management Agency in accordance with 35 Ill. Adm. Code 734.210. Such costs are ineligible for payment from the Fund pursuant to Section 57.8(k) of the Act and 35 Ill. Adm. Code 734.630(n).

   Therefore, these costs are not reasonable as submitted. Such costs are ineligible for payment from the Fund pursuant to Section 57.7(c)(3) of the Act and 35 Ill. Adm. Code 734.630(ee).

   Based on 45-day report, soil borings were conducted on 12/8/20, prior to IEMA date.

2. $221.31, deduction for early action costs for Senior Account Technician that are not reasonable as submitted. Such costs are ineligible for payment from the Fund pursuant to Section 57.7(c)(3) of the Act and 35 Ill. Adm. Code 734.630(ee).

   3.0 hours deduction was agreed to in an email from consultant dated Dec. 1, 2021.

Appeal Rights

An underground storage tank owner or operator may appeal this final decision to the Illinois Pollution Control Board pursuant to Sections 40 and 57.7(c)(4) of the Act by filing a petition for a hearing within 35 days after the date of issuance of the final decision. However, the 35-day period may be extended for a period not to exceed 90 days by written notice from the owner or operator and the Illinois EPA within the initial 35-day appeal period. If the owner or operator wishes to receive a 90-day extension, a written request that includes a statement of the date the final decision was received, along with a copy of this decision, must be sent to the Illinois EPA as soon as possible.

For information regarding the filing of an appeal, please contact:

Clerk of the Board
Illinois Pollution Control Board
James R. Thompson Center
100 West Randolph, Suite 11-500
Chicago, IL 60601
(312) 814-3620

For information regarding the filing of an extension, please contact:

Illinois Environmental Protection Agency
Division of Legal Counsel
1021 North Grand Avenue East
PO Box 19276
Springfield, IL 62794-9276
(217) 782-5544

GREEN WAVE CONSULTING, LLC

March 22, 2022

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
Bureau of Land - #24
Leaking Underground Storage Tank Section
1021 North Grand Avenue East
Springfield, Illinois 62794-9276
Attn.: Steve Putrich

1671205520 – Sangamon County
Qik N EZ
Incident #942157, 961540, 991895 & 20201063
Leaking UST Technical File

Re: LPC# 1671205520 – Sangamon County
Springfield / Qik-n-EZ
2800 North Peoria Road
Leaking UST Incident Nos. 942157, 961540, 991895 & 20201063
Leaking UST Technical File

Dear Mr. Putrich:

Please find enclosed the *Corrective Action Plan and Budget* for the above-referenced site. The owner/operator requests that a *Project Labor Agreement* not be required for the activities proposed in the plan. The requirement of a PLA on this project will only delay the implementation of the corrective action steps that need to be taken. By not requiring a *Project Labor Agreement*, the proposed corrective action activities will be able to be completed in a more expeditious and timely manner.

The request is based on the fact that the PLA will not advance the state's interest in costs, efficiency, timeliness, quality or safety. The scope of the work to be completed, which would be subject to the PLA, consists of soil remediation, groundwater and soil gas sampling, and monitoring well abandonment activities. It is anticipated that the cost to the state would increase by the time the PLA is negotiated, executed and implemented. The work could be scheduled immediately if the PLA requirement was rescinded, thereby increasing efficiency to the state and ultimately leading to faster completion of the required site closure activities. The quality is ensured without a PLA given that the activities will be completed by capable, skilled personnel with experience and training in performing activities at LUST sites and performing UST system renewals. Additionally, safety is ensured as each of the personnel have been trained in safety procedures for completion of LUST site activities. For these reasons, the owner/operator does not feel that a PLA advances the state's interest on this project and that it can be completed in a safer, less expensive and timelier manner if allowed to proceed without requiring a PLA. Additionally as a portion of this work has been previously completed due to needs at the site, a PLA cannot be implemented retroactively.

Should you have any questions or require additional information, please do not hesitate to contact Shawn Wolfe at (217) 726-7569 x140 or shawnw@greenwavecon.com.

Sincerely,

GREEN WAVE CONSULTING, LLC

Jeff Wienhoff
Senior Professional Engineer

Shawn D. Wolfe
Senior Project Manager

Cc: Project File

GREEN WAVE CONSULTING, LLC

CORRECTIVE ACTION PLAN

QIK-N-EZ
2800 NORTH PEORIA ROAD
SPRINGFIELD, SANGAMON COUNTY,
ILLINOIS 62702
LUST INCIDENT NOs. 942157, 961540, 991895 & 20201063
LPC NO. 1671205520

Prepared for:

Amy Chronister Ridley
CHRONISTER OIL COMPANY
2026 North Republic Street
Springfield, Illinois 62702

Prepared by:

GREEN WAVE CONSULTING, LLC
4440 Ash Grove Drive, Suite A
Springfield, Illinois 62711

March 21, 2022

Jeff Wienhoff, P.E.
Senior Professional Engineer

Shawn D. Wolfe
Senior Project Manager

TABLE OF CONTENTS

FIGURES

TABLES

ATTACHMENTS

Illinois Environmental Protection Agency
Leaking Underground Storage Tank Program
CORRECTIVE ACTION PLAN

A. Site Identification

IEMA Incident # (6- or 8-digit): 942157, 961540, 991895 & 20201063 IEPA LPC# (10-digit): 1671205520

Site Name: Qik-N-EZ

Site Address (Not a P.O. Box): 2800 North Peoria Road

City: Springfield County: Sangamon ZIP Code: 62702

B. Site Information

1. Will the owner or operator seek reimbursement from the Underground Storage Tank Fund? Yes ☒ No ☐
2. If yes, is the budget attached? Yes ☒ No ☐
3. Is this an amended plan? Yes ☐ No ☒
4. Identify the material(s) released: Unleaded Gasoline, Diesel Fuel
5. This Corrective Action Plan is being submitted pursuant to:
   a. 35 Ill. Adm. Code Section 731.166 ☐
   b. 35 Ill. Adm. Code Section 732.404 ☐
   c. 35 Ill. Adm. Code Section 734.335 ☒

C. Proposed Methods of Remediation

1. Soil Conventional technology remediation of the soil contaminant plume in excess of the calculated site-specific Illinois Environmental Protection Agency (IEPA) Tiered Approach to Corrective Action Objectives (TACO) Tier 2 Soil Saturation Limits (C_{sat}) and Tier 2 Soil Remediation Objectives (SROs) for the Outdoor Inhalation Exposure Route for industrial/commercial properties and construction worker populations. Mitigation of the delineated residual IEPA TACO Tier 1 SRO exceedences pursuant to Subpart G (Tier 2 Soil Evaluation) and Subpart J (Institutional Controls) of 35 Illinois Administrative Code (IAC) 742.

2. Groundwater: Collection of post-remediation soil and groundwater samples to determine effectiveness of remediation activities on groundwater regime. Soil leachate and Equation R26 modeling of post-remediation soil and groundwater samples to determine future potential extent. Evaluation of modeling results to determine if mitigation of the delineated residual IEPA TACO Tier 1 Groundwater Remediation Objective (GRO) and Tier 2 Soil Component of the Groundwater Ingestion (SCGI) Exposure Route SRO exceedences pursuant to Subpart J (Institutional Controls) of 35 IAC 742 is appropriate or if other active remediation is necessary.

3. Soil Gas Collection of post-remediation soil, groundwater and soil gas samples to determine the appropriate remedial strategy and/or institutional control(s) to address the Indoor Inhalation Exposure Route.

Please refer to **Attachment 1** for the IEPA *Corrective Action Plan* (*CAP*) form.

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MAR 25 2022
IEPA/BOL

D. Soil and Groundwater Investigation Results (for incidents subject to 35 Ill. Adm. Code 731 only or 732 that were classified using Method One or Two, if not previously provided)

1. Description of investigation activities performed to define the extents of soil and/or groundwater contamination;

Please refer to the *Site Classification Completion Report* (*SCCR*) and previous *CAPs* that detail the investigation activities performed to define the extent of contamination. **Figures 1-A** and **1-B** illustrate the surrounding and site area features. A comparison of the soil analytical data to the IEPA TACO Tier 1 SROs for each exposure route is provided in **Table I**. The groundwater analytical results, compared to the IEPA TACO Tier 1 GROs for the Groundwater Ingestion and Indoor Inhalation Exposure Routes, are summarized in **Table II**. The delineated extents of Tier 1 soil and groundwater impaction are illustrated on **Figure 2**.

Vertical and Horizontal C_{sat} Delineation and Soil/Groundwater Delineation Activities

In January and August 2021, the previous consultant, CW^3M Company, Inc. (CW^3M), submitted a *CAP* and *Budget Amendment* to the IEPA proposing additional investigation activities to (a) delineate the vertical and horizontal extent of C_{sat} impaction, (b) define the extent of Tier1/Tier 2 soil impaction, and (c) delineate the extent of Tier 1 groundwater impaction. The IEPA approved the *CAP and Budget Amendment* with modifications in a letter correspondence dated September 7, 2021.

In December 2021, after obtaining access from the owner of the west adjoining property across North Peoria Road and providing proper notice to the Joint Utility Locating Information for Excavators (JULIE), Green Wave Consulting, LLC (GWC) conducted the subsurface investigation. A dual capability Geoprobe® drill rig was utilized to conduct the soil boring advancement and monitoring well installation activities. The field activities included the drilling of 28 soil borings to depths ranging from approximately 10 feet below ground surface (bgs) to 20 feet bgs. Soil borings MW-16, MW-17 and SB-101 were advanced across North Peoria Road to define the horizontal extent of Tier 1 soil impaction off-site to the west. Soil borings SB-102 through SB-108 were advanced onsite to define the horizontal extent of Tier 1 and/or Tier 2 soil impaction above the groundwater observed while drilling (approximately 8 feet during the December 2021 investigation). Soil borings CA-7 through CA-11, CA-13 through CA-20, CA-24 and CA-25 were advanced to refine the vertical extent of Tier 2 C_{sat} impacted soils observed at locations exhibiting Tier 2 C_{sat} exceedences that were not previously vertically delineated. Monitoring wells MW-16 through MW-18 were installed to approximately 15 feet bgs across North Peoria Road to define the horizontal extent of Tier 1 groundwater impaction off-site to the west. Monitoring wells MW-19 and MW-20 were installed to approximately 15 feet bgs at the northern site property boundary to define the horizontal extent of Tier 1 groundwater impaction to the north, prior to reaching the first northern off-site property. **Figures 1-A** and **1-B** illustrates the location of the soil borings and monitoring wells conducted during this subsurface investigation. A complete geologic description of the subsurface soil conditions encountered is recorded on the soil boring logs detailed in **Attachment 2**. The well completion diagrams for monitoring wells MW-16 through MW-20 are also included in **Attachment 2**. The boreholes not completed as monitoring wells were sealed with bentonite hole plug.

SOIL SAMPLING ACTIVITIES

Soil samples were collected at continuous depth intervals during the advancement of each boring. After each section of soil sample recovery, the macro-core sampler was removed from the borehole and the acetate sample liner was extracted from the sampling tool. The liner was then cut open to reveal the undisturbed soil sample for inspection and sampling. Sampling tools were thoroughly cleansed with a non-phosphate detergent wash and distilled water rinse between each sampling event to help prevent possible cross-contamination between the samples. A new acetate spoon liner was used for each sample collection interval. Disposable latex sampling gloves were worn during the sampling procedures to help safeguard against potential cross-contamination.

Representative soil samples from generally each two-foot depth interval were placed into zipper lock baggies and sealed. The soil within the bags was then broken up to help increase the surface area for volatilization. The bag samples were allowed to warm to ambient outdoor temperature for approximately one-half hour. A field portable photoionization detector (PID) probe tip was then inserted through the seal

of the bag to measure the concentration of volatile organic vapors within the headspace of the bag. Additional portions of soil from selected depth intervals of select soil borings were collected from the spoon liners and placed into laboratory provided jars using Method 5035A procedures. The samples were labeled, stored in a cooler on ice, properly preserved and submitted to an approved laboratory for confirmation analysis.

PID results are included in the soil boring logs provided in **Attachment 2.** The organic vapor concentrations were measured and are expressed in parts-per-million (ppm) meter units. The selected samples were delivered under a signed chain-of-custody form to PDC Laboratories, Inc. in Hazelwood, Missouri (Illinois Laboratory Certification #200080) for quantitative chemical analysis. The soil samples were quantitatively analyzed for the site indicator contaminants benzene, toluene, ethylbenzene and total xylenes (BTEX) and methyl tertiary-butyl ether (MTBE).

The laboratory analytical results for the soil samples were compared to the IEPA TACO Tier 1 SROs for each exposure route and the appropriate calculated Tier 2 SRO and C_{sat} values. The laboratory analytical results of soil samples collected from soil borings MW-16, MW-17 and SB-101 returned non-detectable concentrations of BTEX and MTBE parameters below the most stringent IEPA TACO Tier 1 SROs, indicating the western extent of the Tier 1 soil impaction remains within the west-adjoining right-of-way (ROW) of North Peoria Road. The analytical results of soil samples collected from soil borings SB-102, SB-103 and SB-104 returned non-detectable concentrations of BTEX and MTBE parameters below the most stringent IEPA TACO Tier 1 SROs, indicating the southern extent of the Tier 1 soil impaction remains on-site. The analytical results of soil samples collected from soil borings SB-105 through SB-108 returned detectable concentrations of benzene exceeding the IEPA TACO Tier 1 SRO for only the SCGI Exposure Route, however each of the samples from these borings are below the calculated Tier 2 SCGI Exposure Route SRO. The delineated extent of Tier 1 soil impaction is illustrated on **Figure 2.**

The laboratory analytical results of soil samples collected from the C_{sat} vertical refinement borings indicated vertical definition of the Tier 2 C_{sat} plume between 12 and 14 feet bgs. Many of the samples collected from these borings also displayed exceedences of the Tier 2 SROs for the residential, industrial/commercial and/or construction worker SROs for the Outdoor Inhalation Exposure Route. Soil samples collected below eight (8) feet bgs will be considered as collected below the groundwater-bearing unit observed while drilling in relation to the SCGI, Soil Ingestion and Outdoor Inhalation Exposure Routes. A summary of the soil analytical results for the selected soil samples is presented in **Table I.** The laboratory testing report, chain-of-custody and laboratory certification form are presented in **Attachment 3.**

GROUNDWATER SAMPLING ACTIVITIES

In January 2022, prior to purging of the newly installed monitoring wells, the static depth to water data was collected from each newly installed well. The static depth to water data from January 2022, along with the previous gauging events, is summarized in **Table III.**

Monitoring well purging and sampling of the monitoring wells was performed using disposable bailers and nylon cord. For each well, a new set of materials and supplies were used. New sample gloves were also worn by the sampler for each sampling task to help prevent cross contamination between the groundwater samples. Several well volumes of water were removed from each monitoring well prior to groundwater sample collection. No free product was encountered during the gauging and purging of the monitoring wells. Groundwater samples were collected from monitoring wells MW-16 through MW-20 into properly preserved laboratory-provided vials, stored in a cooler on ice, and were delivered under a signed chain-of-custody form to PDC Laboratories, Inc. in Hazlewood, Illinois (Illinois Laboratory Certification #200080) for quantitative chemical analysis of BTEX/MTBE.

Groundwater samples MW-16 through MW-20 returned non-detectable concentrations of BTEX/MTBE below the IEPA TACO Tier 1 GROs for the Class I Groundwater Ingestion Exposure Route and the Table H residential and industrial/commercial Indoor Inhalation Exposure Route GROs. The laboratory analytical results indicate the western extent of the Tier 1, Class I groundwater impaction remains within the west-adjoining ROW of North Peoria Road and the northern extent of the Tier 1, Class I groundwater impaction remains on-site. Previous groundwater investigations show that (a) the southern extent of Tier 1, Class I

groundwater impaction remains on-site, (b) the eastern extent of Tier 1, Class I groundwater contamination remains on-site along the southern portion of the eastern border, and (c) the eastern extent of Tier 1, Class I groundwater impaction extends off-site to the east although a monitoring well was not installed directly east of monitoring well MW-2 at the shared property and the last sample from monitoring well MW-2 was last analyzed in May 2011. The indicator contaminant laboratory groundwater analytical data is summarized in **Table II**. The laboratory analytical report, chain-of-custody and laboratory certification are included in **Attachment 3**. The delineated extent of Tier 1, Class I groundwater impaction is illustrated on **Figure 2**.

Comparison of Tier 1 SRO Exceedences On-Site to Applicable Calculated Tier 2 SROs

Based on a comparison of the historic soil analytical results to the IEPA TACO Tier 1 SROs for each exposure route, site-specific Tier 2 SROs were developed for the following: (1) Soil Saturation Limit (C_{sat}) for toluene, ethylbenzene and total xylenes, (2) SCGI Exposure Route for BTEX/MTBE, (3) Outdoor Inhalation Exposure Route for residential and industrial/commercial properties with respect to BTEX, and (4) Outdoor Inhalation Exposure Route for construction worker populations with respect to BTEX and naphthalene. Please refer to Section E(13) of this *CAP* for the development of the Tier 2 SROs. **Table IV** provides a comparison of the IEPA TACO Tier 1 SROs exceedences to the applicable calculated Tier 2 SROs (does not include sample intervals that were removed or resampled later). The following charts summarize the on-site soil sample locations/intervals that exceed the applicable Tier 1 or Tier 2 SROs for each exposure route.

Contaminant(s) of Concern Exceeding Tier 2 SROs	Soil Saturation Limit
Soil Component of Groundwater Ingestion & Soil Outdoor Inhalation	
Toluene	SA-2 (8'), SA-3 (17'), SA-4 (17'), SA-5 (17'), SA-6 (17'), SA-17 (13'), SA-18 (13')
Ethylbenzene	SA-4 (17'), SA-5 (17'), SA-17 (13')
Total Xylenes	CA-7 (4', 7.5'), CA-8 (4', 6'), CA-9 (4', 7'), CA-10 (2.5', 7.5'), CA-11 (7'), CA-12 (4'), CA-13 (4', 7'), CA-14 (4', 7.5'), CA-15 (4', 7.5'), CA-16 (4', 7.5'), CA-17 (7.5'), CA-18 (7.5'), CA-19 (4', 7.5'), CA-20 (4', 7.5'), CA-24 (7.5'), CA-25 (4', 7.5'), CA-26 (4'), SA-1 (8'), SA-2 (8'), SA-3 (17'), SA-4 (17'), SA-5 (17'), SA-6 (17'), SA-17 (13'), SA-18 (13')

Contaminant(s) of Concern Exceeding Tier 1 SROs	Soil Ingestion Exposure Route
Residential	
Benzene	MW-11 (14'*), CA-7 (4', 7.5', 12'*), CA-8 (4', 6'), CA-9 (4', 7'), CA-10 (2.5', 7.5', 12*), CA-11 (4', 7'), CA-12 (4'), CA-13 (4', 7'), CA-14 (4', 7.5', 12'*, 18'*), CA-15 (4', 7.5', 12'*), CA-16 (4', 7.5'), CA-17 (4', 7.5'), CA-18 (14'*), CA-19 (4', 7.5', 14'*), CA-20 (4', 7.5', 12'*), CA-21 (7.5'), CA-23 (7.5'), CA-24 (7.5'), CA-25 (4', 7.5'), CA-26 (4'), CA-27 (4'), SA-1 (8'), SA-2 (8'), SA-3 (17'*), SA-4 (17'*), SA-5 (17'*), SA-6 (17'*), SA-17 (13'*), SA-18 (13'*)
Industrial/Commercial	
BTEX/MTBE	None
Construction Worker	
BTEX/MTBE	None

* = sample collected below groundwater-bearing unit observed while drilling

Soil Component of the Groundwater Ingestion Exposure Route Class I Groundwater
Contaminant(s) of Concern Exceeding Tier 2 SROs
Benzene
MW-10 (10'*, 14'*), MW-11 (10'*, 14'*), CA-7 (4', 7.5', 12'*, 16'*), CA-8 (4', 6', 14'*, 18'*), CA-9 (4', 7', 14'*, 18'*), CA-10 (2.5', 7.5', 12*, 16'*), CA-11 (4', 7', 14'*, 18'*), CA-12 (4', 7'), CA-13 (4', 7', 12'*, 16'*), CA-14 (4', 7.5', 12'*, 18'*), CA-15 (4', 7.5', 12'*, 18'*), CA-16 (4', 7.5', 12'*, 16'*), CA-17 (4', 7.5', 10'*, 18'*), CA-18 (4', 7.5', 14'*, 18'*), CA-19 (4', 7.5', 14'*, 16'*), CA-20 (4', 7.5', 12'*, 18'*), CA-21 (4', 7.5'), CA-23 (7.5'), CA-24 (7.5'), CA-25 (4', 7.5', 14'*, 18'*), CA-26 (4'), CA-27 (4'), CA-28 7.5'), CA-29 (4', 7.5'), CA-40 (7.5'), SA-1 (8'), SA-2 (8'), SA-3 (17'*), SA-4 (17'*), SA-5 (17'*), SA-6 (17'*), SA-17 (13'*), SA-18 (13'*)
Toluene
CA-7 (4', 7.5'), CA-8 (4', 6'), CA-9 (4', 7'), CA-10 (2.5', 7.5'), CA-11 (4', 7'), CA-12 (4', 7'), CA-13 (4', 7'), CA-14 (4', 7.5'), CA-15 (4', 7.5'), CA-16 (4', 7.5'), CA-17 (4', 7.5'), CA-18 (4', 7.5'), CA-19 (4', 7.5'), CA-20 (4', 7.5', 12'*), CA-21 (7.5'), CA-23 (7.5'), CA-24 (7.5'), CA-25 (4', 7.5'), CA-26 (4'), CA-27 (4'), SA-1 (8'), SA-2 (8'), SA-3 (17'*), SA-4 (17'*), SA-5 (17'*), SA-6 (17'*), SA-17 (13'*), SA-18 (13'*)
Ethylbenzene
CA-7 (4', 7.5'), CA-8 (4', 6'), CA-9 (4', 7'), CA-10 (2.5', 7.5'), CA-11 (4', 7'), CA-12 (4', 7'), CA-13 (4', 7'), CA-14 (4', 7.5'), CA-15 (4', 7.5'), CA-16 (4', 7.5'), CA-17 (4', 7.5'), CA-18 (4', 7.5'), CA-19 (4', 7.5'), CA-20 (4', 7.5'), CA-21 (7.5'), CA-23 (7.5'), CA-24 (7.5'), CA-25 (4', 7.5'), CA-26 (4'), CA-27 (4'), SA-1 (8'), SA-2 (8'), SA-3 (17'*), SA-4 (17'*), SA-5 (17'*), SA-6 (17'*), SA-17 (13'*), SA-18 (13'*)
Total Xylenes
CA-7 (4', 7.5'), CA-8 (4', 6'), CA-9 (4', 7'), CA-10 (2.5', 7.5'), CA-11 (7'), CA-12 (4'), CA-13 (4', 7'), CA-14 (4', 7.5'), CA-15 (4', 7.5'), CA-16 (4', 7.5'), CA-17 (7.5'), CA-18 (7.5'), CA-19 (4', 7.5'), CA-20 (4', 7.5'), CA-24 (7.5'), CA-25 (4', 7.5'), CA-26 (4'), SA-1 (8'), SA-2 (8'), SA-3 (17'), SA-4 (17'), SA-5 (17'), SA-6 (17'), SA-17 (13'), SA-18 (13')
MTBE
SA-1 (8'), SA-2 (8'), SA-3 (17'*), SA-4 (17'*), SA-5 (17'*), SA-6 (17'*), SA-17 (13'*), SA-18 (13'*)

* = sample collected below groundwater-bearing unit observed while drilling

Contaminant(s) of Concern Exceeding Tier 2 SROs	Outdoor Inhalation Exposure Route
Residential	
Benzene	MW-10 (10'*, 14'*), MW-11 (14'*), CA-7 (4', 7.5', 12'*, 16'*), CA-8 (4', 6'), CA-9 (4', 7'), CA-10 (2.5', 7.5', 12*), CA-11 (4', 7'), CA-12 (4', 7'), CA-13 (4', 7', 12'*), CA-14 (4', 7.5', 12'*, 18'*), CA-15 (4', 7.5', 12'*), CA-16 (4', 7.5'), CA-17 (4', 7.5', 10'*), CA-18 (4', 7.5', 14'*), CA-19 (4', 7.5', 14'*, 16'*), CA-20 (4', 7.5', 12'*, 18'*), CA-21 (7.5'), CA-23 (7.5'), CA-24 (7.5'), CA-25 (4', 7.5'), CA-26 (4'), CA-27 (4'), SA-1 (8'), SA-2 (8'), SA-3 (17'*), SA-4 (17'*), SA-5 (17'*), SA-6 (17'*), SA-17 (13'*), SA-18 (13'*)
Toluene	SA-2 (8'), SA-3 (17'*), SA-4 (17'*), SA-5 (17'*), SA-6 (17'*), SA-17 (13'*), SA-18 (13'*)
Ethylbenzene	SA-4 (17'*), SA-5 (17'*), SA-17 (13'*)

Contaminant(s) of Concern Exceeding Tier 2 SROs	Outdoor Inhalation Exposure Route
Total Xylenes	CA-7 (4', 7.5'), CA-8 (4', 6'), CA-9 (4', 7'), CA-10 (2.5', 7.5'), CA-11 (7'), CA-12 (4'), CA-13 (4', 7'), CA-14 (4', 7.5'), CA-15 (4', 7.5'), CA-16 (4', 7.5'), CA-17 (7.5'), CA-18 (7.5'), CA-19 (4', 7.5'), CA-20 (4', 7.5'), CA-24 (7.5'), CA-25 (4', 7.5'), CA-26 (4'), SA-1 (8'), SA-2 (8'), SA-3 (17'), SA-4 (17'), SA-5 (17'), SA-6 (17'), SA-17 (13'), SA-18 (13')

* = sample collected below groundwater-bearing unit observed while drilling

Contaminant(s) of Concern Exceeding Tier 2 SROs	Outdoor Inhalation Exposure Route
Industrial/Commercial	
Benzene	MW-10 (14'*), MW-11 (14'*), CA-7 (4', 7.5', 12'*, 16'*), CA-8 (4', 6'), CA-9 (4', 7'), CA-10 (2.5', 7.5', 12*), CA-11 (4', 7'), CA-12 (4', 7'), CA-13 (4', 7'), CA-14 (4', 7.5', 12'*, 18'*), CA-15 (4', 7.5', 12'*), CA-16 (4', 7.5'), CA-17 (4', 7.5'), CA-18 (4', 7.5', 14'*), CA-19 (4', 7.5', 14'*), CA-20 (4', 7.5', 12'*, 18'*), CA-21 (7.5'), CA-23 (7.5'), CA-24 (7.5'), CA-25 (4', 7.5'), CA-26 (4'), CA-27 (4'), SA-1 (8'), SA-2 (8'), SA-3 (17'*), SA-4 (17'*), SA-5 (17'*), SA-6 (17'*), SA-17 (13'*), SA-18 (13'*)
Toluene	SA-2 (8'), SA-3 (17'*), SA-4 (17'*), SA-5 (17'*), SA-6 (17'*), SA-17 (13'*), SA-18 (13'*)
Ethylbenzene	SA-4 (17'*), SA-5 (17'*), SA-17 (13'*)
Total Xylenes	CA-7 (4', 7.5'), CA-8 (4', 6'), CA-9 (4', 7'), CA-10 (2.5', 7.5'), CA-11 (7'), CA-12 (4'), CA-13 (4', 7'), CA-14 (4', 7.5'), CA-15 (4', 7.5'), CA-16 (4', 7.5'), CA-17 (7.5'), CA-18 (7.5'), CA-19 (4', 7.5'), CA-20 (4', 7.5'), CA-24 (7.5'), CA-25 (4', 7.5'), CA-26 (4'), SA-1 (8'), SA-2 (8'), SA-3 (17'*), SA-4 (17'*), SA-5 (17'*), SA-6 (17'*), SA-17 (13'*), SA-18 (13'*)

* = sample collected below groundwater-bearing unit observed while drilling

Contaminant(s) of Concern Exceeding Tier 2 SROs	Outdoor Inhalation Exposure Route
Construction Worker	
Benzene	MW-10 (10'*, 14'*), MW-11 (14'*), CA-7 (4', 7.5', 12'*, 16'*), CA-8 (4', 6'), CA-9 (4', 7'), CA-10 (2.5', 7.5', 12*), CA-11 (4', 7'), CA-12 (4', 7'), CA-13 (4', 7', 12'*), CA-14 (4', 7.5', 12'*, 18'*), CA-15 (4', 7.5', 12'*), CA-16 (4', 7.5'), CA-17 (4', 7.5', 10'*), CA-18 (4', 7.5', 14'*), CA-19 (4', 7.5', 14'*, 16'*), CA-20 (4', 7.5', 12'*, 18'*), CA-21 (7.5'), CA-23 (7.5'), CA-24 (7.5'), CA-25 (4', 7.5'), CA-26 (4'), CA-27 (4'), SA-1 (8'), SA-2 (8'), SA-3 (17'*), SA-4 (17'*), SA-5 (17'*), SA-6 (17'*), SA-17 (13'*), SA-18 (13'*)
Toluene	CA-7 (4', 7.5'), CA-8 (6'), CA-13 (7'), CA-14 (7.5'), CA-15 (7.5'), CA-25 (7.5'), SA-2 (8'), SA-3 (17'*), SA-4 (17'*), SA-5 (17'*), SA-6 (17'*), SA-17 (13'*), SA-18 (13'*)
Ethylbenzene	CA-7 (4', 7.5'), CA-8 (4', 6'), CA-9 (4', 7'), CA-10 (2.5', 7.5'), CA-11 (4', 7'), CA-12 (4', 7'), CA-13 (4', 7'), CA-14 (4', 7.5'), CA-15 (4', 7.5'), CA-16 (4', 7.5'), CA-17 (4', 7.5'), CA-18 (4', 7.5'), CA-19 (4', 7.5'), CA-20 (4', 7.5'), CA-21 (7.5'), CA-23 (7.5'), CA-24 (7.5'), CA-25 (4', 7.5'), CA-26 (4'), CA-27 (4'), SA-1 (8'), SA-2 (8'), SA-3 (17'*), SA-4 (17'*), SA-5 (17'*), SA-6 (17'*), SA-17 (13'*), SA-18 (13'*)

Contaminant(s) of Concern Exceeding Tier 2 SROs	Outdoor Inhalation Exposure Route
Total Xylenes	MW-11 (14'*), CA-7 (4', 7.5', 12'*), CA-8 (4', 6'), CA-9 (4', 7'), CA-10 (2.5', 7.5', 12'*), CA-11 (4', 7'), CA-12 (4', 7'), CA-13 (4', 7'), CA-14 (4', 7.5', 12'*), CA-15 (4', 7.5'), CA-16 (4', 7.5'), CA-17 (4', 7.5'), CA-18 (4', 7.5', 14'*), CA-19 (4', 7.5'), CA-20 (4', 7.5', 12'*), CA-21 (7.5'), CA-23 (7.5'), CA-24 (7.5'), CA-25 (4', 7.5'), CA-26 (4'), CA-27 (4'), SA-1 (8'), SA-2 (8'), SA-3 (17'*), SA-4 (17'*), SA-5 (17'*), SA-6 (17'*), SA-17 (13'*), SA-18 (13'*)
Naphthalene	MW-11 (14'*)

* = sample collected below groundwater-bearing unit observed while drilling

TACO Tier 1 Evaluation: Site Investigation Groundwater

The laboratory groundwater analytical results for the groundwater samples collected during the most recent sampling activities per sample location were compared to the IEPA TACO Tier 1 GROs for the Class I Groundwater Ingestion Exposure Route (please refer to **Table II**).

The laboratory analytical results indicated that the following groundwater samples attributed to the LUST release exceeded the IEPA TACO Tier 1 GROs for Class I groundwater:

Contaminant(s) of Concern Exceeding Tier 1 GROs	Groundwater Ingestion Exposure Route Class I Groundwater
Benzene	MW-2, MW-10, MW-11, MW-15
Toluene	MW-10
Ethylbenzene	MW-10, MW-11
Total Xylenes	MW-10
Naphthalene	MW-10, MW-11

SSL Equation S18 and S28 Soil Leaching Potential to Future Groundwater Conditions

The soil data that exceeded the IEPA TACO Tier 2 SROs for the SCGI Exposure Route *that will not be removed during the Corrective Action remediation activities* was modeled using the IEPA sanctioned SSL Equations S18 and S28 to determine if the concentrations pose a potential leaching threat to the future dissolved groundwater conditions. For those sample locations that exhibited exceedences at multiple depth intervals for the same analyte, only the highest concentration per analyte was modeled. The results of the evaluation are as follows:

Parameter	Sample Location	Value (mg/L)	Sample Location	Value (mg/L)
Benzene	CA-28 (7.5')	0.011	CA-29 (7.5')	0.023
	CA-40 (7.5')	0.010	----	----

Please refer to **Attachment 4** for the input parameters used in Equations S18 and S28, results of the soil leaching calculations and the required IEPA SSL input forms.

RBCA Equation R26 Predicted Extent of Current Soil Leachate & Groundwater Impact

The IEPA sanctioned RBCA Equation R26 was used to determine if the current soil leachate concentrations observed in the above listed soil samples and the most recent groundwater concentrations observed in the impacted monitoring well locations (*prior to remediation*) would meet compliance with the most stringent (Class I Groundwater) GROs prior to reaching the property boundaries. The predicted extent of potential future groundwater and soil leaching impact was calculated as follows:

PREDICTED DISTANCE FROM SOURCE AT WHICH GROUNDWATER CONCENTRATIONS WILL MEET TIER 1, CLASS I GRO (X)			
Sample Location	**Distance (feet)**	**Sample Location**	**Distance (feet)**
Benzene - *Soil Leachate*			
CA-28 (7.5')	33.0	CA-29 (7.5')	57.5
CA-40 (7.5')	29.5	----	----
Benzene - *Groundwater*			
MW-2	65.2	MW-10	346
MW-11	259	MW-15	281
Toluene – *Groundwater*			
MW-10	1.2	----	----
Ethylbenzene – *Groundwater*			
MW-10	16.1	MW-11	22.1
Total Xylenes – *Groundwater*			
MW-10	6.3	----	----
Naphthalene – *Groundwater*			
MW-10	16.8	MW-11	21.1

Please refer to **Attachment 4** for the input parameters used in the solution of Equation R26, the results of the R26 modeling and the required IEPA RBCA input forms. The maximum predicted extent of current, pre-remediation, potential groundwater impact in the downgradient direction is illustrated in **Figures 3-A** and **3-B**. ***Please note that the areas surrounding monitoring wells MW-10, MW-11 and MW-15 will be remediated during Corrective Action, including impacted soil above and soil/groundwater within the groundwater-bearing unit. Following completion of the Corrective Action activities, GWC will complete soil leachate and Equation R26 extent modeling of the post-remediation soil and groundwater samples.***

TACO Tier 1 Evaluation: Indoor Inhalation Exposure Route Groundwater

The most recent groundwater analytical results from each monitoring well were compared to the IEPA TACO Tier 1 Indoor Inhalation Exposure Route GROs of 35 IAC 742, Appendix B, Table H (please refer to **Table II**). The following chart presents analytical groundwater samples collected at the site that exceed the IEPA TACO Tier 1 GROs of 35 IAC 742, Appendix B, Table H:

Contaminant(s) of Concern Exceeding Tier 1 GROs	**Indoor Inhalation Exposure Route** *35 IAC 742, Appendix B, Table H*
Residential	
Benzene	MW-10, MW-11, MW-15
Ethylbenzene	MW-10, MW-11, MW-15
Naphthalene	MW-10, MW-11
Industrial/Commercial	
Benzene	MW-10, MW-11, MW-15
Ethylbenzene	MW-10, MW-11
Naphthalene	MW-10, MW-11

Note: Groundwater analytical results from most recent sampling event used for comparison.
Note: * = Off-site monitoring well location.

Comparison of Tier 1 GRO Exceedences to Applicable Calculated Tier 2 Indoor Inhalation GROs

Based on a comparison of the historic groundwater analytical results to the IEPA TACO Tier 1 GROS of Table H in Appendix B of 35 IAC 742, site-specific Tier 2 GROS were developed for the following: (1) diffusion and advection Indoor Inhalation Exposure Route SGROs and GROs for benzene, ethylbenzene and naphthalene. Tier 2 Soil Gas Remediation Objectives (SGROs) have also been calculated for future

comparison of any soil gas sample collected on-site. Please refer to **Attachment 4** of this *CAP* for the development of the Tier 2 advection and diffusion Indoor Inhalation SGROs and GROs. **Table V** provides a comparison of the Indoor Inhalation IEPA TACO Tier 1 GRO exceedences to the applicable calculated Tier 2 GROs, respectively. The following chart summarizes the historic groundwater sample locations that exceed the applicable Tier 2 indoor inhalation remediation objectives.

Contaminant(s) of Concern Exceeding Tier 2 GROs	Indoor Inhalation Exposure Route
Residential	
Benzene	MW-10, MW-11, MW-15
Ethylbenzene	MW-10, MW-11
Naphthalene	MW-10, MW-11
Industrial/Commercial	
Benzene	MW-10, MW-11, MW-15
Ethylbenzene	MW-10, MW-11
Naphthalene	None

Note: Groundwater analytical results from most recent sampling event used for comparison.
Note: The Tier 2 Indoor Inhalation Exposure Route ROs are based on a diffusion and advection mode of transport; compliance for Indoor Inhalation Exposure Route may be demonstrated by meeting either the Tier 2 SGROs or Tier 2 GROs.

Please note that the areas surrounding monitoring wells MW-10, MW-11 and MW-15 will be remediated during Corrective Action, including impacted soil above and soil/groundwater within the groundwater-bearing unit. The groundwater component of the Indoor Inhalation Exposure Route will be reevaluated following the remediation activities and sampling of replacement monitoring wells.

Soil Gas Indoor Inhalation Exposure Route Evaluation: Petroleum Vapor Intrusion
GWC evaluated the soil and groundwater analytical results and completed an initial evaluation of the IEPA "Indoor Inhalation Exposure Route Checklist." Based on the current contaminant loading analytical results, it appears that evaluation of the Indoor Inhalation Exposure Route **is required**. A copy of the indoor inhalation checklist is included in **Attachment 5**. Following removal of the C_{sat}-impacted soil proposed in this plan, a soil gas sample will be collected on-site. The analytical results of the soil gas and post-remediation groundwater samples will be evaluated to determine the appropriate method of remediation to address the Indoor Inhalation Exposure Route.

2. **Analytical results, chain-of-custody forms, and laboratory certifications;**

Please refer to **Attachment 3** for previously unsubmitted laboratory testing reports, chains-of-custody and laboratory certification forms.

3. **Tables comparing analytical results to applicable remediation objectives;**

Table I summarizes the soil analytical results compared to the Tier 1 SROs for each exposure route. **Table II** summarizes the groundwater analytical results compared to the Tier 1 GROs for the Groundwater Ingestion and Indoor Inhalation Exposure Routes. **Table IV** compares of the on-site soil sample results that exceed the Tier 1 SROs to the calculated site-specific Tier 2 SROs. **Table V** compares the on-site groundwater samples that exceed the Table H Indoor Inhalation Exposure Route GROs to the calculated site-specific Tier 2 Indoor Inhalation Exposure Route GROs.

4. **Boring logs;**
5. **Monitoring well logs; and**

Please refer to **Attachment 2** for previously unsubmitted soil boring logs and monitoring well construction diagrams.

6. **Site maps meeting the requirements of 35 Ill. Adm. Code 732.110(a) or 734.440 and showing:**
   a. Soil sample locations; Please refer to **Figures 1-A** and **1-B**.
   b. Monitoring well locations; Please refer to **Figures 1-A** and **1-B**.
   c. Plumes of soil and groundwater contamination; Please refer to **Figures 2, 3-A** and **3-B** for the physically delineated and estimated future extent of Tier 1 soil and groundwater impaction.

E. Technical Information - Corrective Action Plan

1. **Executive summary identifying the objectives of the corrective action plan and the technical approach to be utilized to meet such objectives;**
   a. The major components (e.g., treatment, containment, removal) of the corrective action plan;
   b. The scope of the problems to be addressed by the proposed corrective action; and

This *CAP* has been developed as a cleanup action focusing on remediation of the delineated remaining heavily impacted soil contaminant plume using conventional technology. This *CAP* has been specifically designed to remove the remaining heavily-impacted in-situ source area soil in excess of the calculated Tier 2 C_{sat} and Soil Outdoor Inhalation Exposure Routes as promulgated in 35 IAC 742. Based on the identified soil and groundwater impacts at the site, in combination with the site-specific Tier 2 SROs developed for this site and use of the on-site institutional controls required by 35 IAC 734.360 (industrial/commercial land use limitation and site-wide groundwater use restriction), this *CAP* proposes the following:

Soil Remediation & Confirmation Sampling Activities

To address the on-site exceedences of the calculated site-specific Tier 2 C_{sat} and Soil Outdoor Inhalation SROs, approximately 6,570 cubic yards (yd^3) of soil impacted above the Tier 2 C_{sat} values and the industrial/commercial and construction worker Outdoor Inhalation Exposure Route SROs will be excavated, transported under manifest and disposed of at an approved landfill. The proposed areas of excavation are delineated in **Figure 4**. Prior to commencement of the excavation activities, GWC personnel shall mobilize to the site to collect a landfill waste characterization sample as the last waste characterization sample was collected over one (1) year ago and the landfill will require a more current sample to approve disposal of the impacted soil materials. The waste characterization sample will be analyzed for paint filter, flashpoint, pH and TCLP lead, as required by the landfill. Prior to the excavation activities, the station building and foundation will be razed to access the impacted soil beneath its footprint and the canopy will be removed. The product piping will also have to be removed per OSFM requirements as a permitted activity prior to commencement of the soil remediation. Per the OSFM regulations [41 IAC 176.330(b)] and unless otherwise directed, soil samples will be required for every 20 feet of product piping run.

Tier 2 C_{sat} Soil Remediation

Based upon the Tier 2 analysis of the laboratory analytical results, Tier 2 C_{sat} impacted soils are present from the near surface to depths ranging from 12 to 14 feet bgs in the maroon-colored crosshatched area illustrated on **Figure 4**. The excavation in this area will be completed to approximately 13 feet bgs, the average depth to first non-Tier 2 C_{sat} impacted soil sample. The initial foot of materials in this area consists of paving, building foundation and subbase fill material. Approximately 506 cubic yards of this upper surface material will be excavated, set aside and re-used as backfill material. The lateral extent of the excavation is defined by soil samples that are below the calculated Tier 2 C_{sat} values.

Tier 2 Outdoor Inhalation Exposure Route Soil Remediation

Based upon the Tier 2 analysis of the laboratory analytical results, along with the maximum depth to the apparent groundwater-bearing zone observed in the recently completed on-site borings at 8 feet bgs, the total depth of the excavation for the areas outside the C_{sat} excavation cavity will be completed to approximately 8 feet bgs in the green-colored checkered area illustrated on **Figure 4**. However, the depth will be constantly monitored by the on-site project manager to confirm a suspect "clean" soil interface and to ensure no excavation occurs below the depth where water enters the excavation. To reach those soils targeted for landfill disposal, approximately 306 cubic

yards of surface and soil materials will be excavated, set aside and re-used as backfill material. The lateral extent of the excavation is defined by soil samples that are either below the calculated Tier 2 SROs or ones that solely exceed the SCGI Exposure Route Tier 2 SROs or by right-of-way lines.

The volume of impacted soil to be remediated and the volume of overburden to be removed and re-used is calculated as follows:

Proposed Remediation Area Volume Calculations

Remediation Area Figure Pattern	Area (ft^2)	Overburden Depth (feet)	Landfill Depth (feet)	Overburden Volume (yd^3)	Landfill Volume (yd^3)
Maroon Crosshatch	13,665	1	13	506	6,377
Green Checkered	1,650	5	8	306	193
			Total yd^3	812	6,570
			GRAND TOTAL (yd^3)	**812**	**6,570**
			GRAND TOTAL (Tons)	**1,218**	**9,854**

Notes:
Overburden Volume (yd^3) = (Area x Overburden Depth)/27
Landfill Volume (yd^3) = [(Area x {Landfill Depth - Overburden Depth})/27] x 1.05 bulking factor
Landfill Volume (tons) = Landfill Volume (yd^3) x 1.5

According to the January 20, 2021 *45-Day Report* submitted in response to the reporting of LUST incident number 20201063, groundwater was not present during the December 2020 UST removal activities to depths of 18 to 20 feet bgs. However, during the investigation activities conducted on-site, groundwater was encountered in each of the soil borings conducted within the bounds of the remediation area between 6 and 10 feet bgs. Groundwater was encountered approximately 8 feet bgs during the most recent investigation. Groundwater is expected to accumulate during the soil remediation activities. Any groundwater encountered within the Corrective Action C_{sat} excavation cavity will be recovered utilizing a vacuum tanker truck and transported for proper disposal at a licensed TSD facility. Groundwater removal and disposal has been budgeted for this *CAP* in the event trapped, perched potentially impacted groundwater is encountered within the excavation cavity. The recovery of any highly impacted groundwater associated with the former fueling system will help address the release incident and provide protection to the shallow groundwater regime. Please note this area is <u>not</u> located within the municipal limits of the City of Springfield and would thus be unable to obtain a municipal groundwater ordinance for this area. Sangamon County has adopted an IEPA-approved limited area groundwater ordinance in 2013. However, it is unknown if the county would be amenable to enacting another ordinance or if it would be possible to include the state fairgrounds property in the ordinance if post-remediation groundwater samples modeled onto that property. Removal of the C_{sat}-impacted soils and recovery of impacted groundwater will help lessen the degree of groundwater impaction such that controls beyond the site, properties owned by the owner/operator or the adjacent ROW, for which controls are much easier to obtain, will not be necessary. It is uncertain if ELUCs would be attainable for the private properties to the north and west, particularly the state fairgrounds.

Upon achieving the suspect clean soil interface along the final sidewall perimeters of the excavation, confirmation soil samples shall be collected in accordance with IEPA protocols to evaluate the effectiveness of the soil remediation and demonstrate compliance with the appropriate SROs. No floor soil samples are proposed to be collected in the areas excavated to 8 feet bgs, since the intent of the excavation in these areas is to remove impacted soils to the top of the site's groundwater-bearing unit. Confirmation soil samples will be collected using a twenty-foot (20') grid pattern, or fraction thereof, from the sidewalls and floor, where appropriate, of the completed excavation. Additionally, the overburden backfill that is returned to the excavation cavity will be sampled at a rate of one (1) sample per 100 yd^3, resulting in nine (9) overburden backfill samples. The soil confirmation samples will be submitted for laboratory analysis of BTEX/MTBE and PNA constituents. The Corrective Action soil confirmation sample results will be evaluated shortly after receipt to determine if any further active remediation activities will be required prior to replacement of the surface covering of the site.

Pavement Replacement

Once the soil remediation actions have concluded, the excavation cavity will be backfilled to grade with suitable clean materials. Upon completion of the proposed excavation activities, approximately 3,830 square feet of six-inch thickness concrete pavement and 5,420 square feet of 4-inch thickness asphalt pavement, matching the pavement conditions pre-Corrective Action at the site, will be replaced over the excavation backfill as part of restoration activities.

Replacement Monitoring Well Installation

Monitoring wells MW-10, MW-11 and MW-15 will be lost to the excavation. Three (3) post-Corrective Action groundwater monitoring wells (MW-10R, MW-11R and MW-15R) shall be installed to evaluate the effectiveness of the remediation activities and obtain the necessary results that will be used to model the long-term migration of contaminants and determine appropriate institutional controls. The replacement monitoring wells will be placed immediately adjacent to the excavation in native materials to properly evaluate the remaining groundwater contaminant levels. The locations of the replacement monitoring wells are illustrated on **Figure 4**.

Sampling of Formerly Impacted Monitoring Wells

Approximately one (1) month following soil remediation activities, allowing for the shallow groundwater regime to re-equilibrate, the monitoring wells that exhibited exceedences of the IEPA TACO Tier 1 GROS for Class I groundwater (MW-10R, MW-11R, MW-15R and MW-2, if found), will be sampled for BTEX/MTBE and PNAs. Prior to collecting the groundwater samples, GWC will gauge the existing monitoring well network using a water level indicator probe. The select groundwater monitoring wells will then be purged of several well volumes using a disposable HDPE bailer and nylon cord. The post-remediation groundwater samples will help determine (a) the effectiveness of the soil remediation activities on reducing the impaction levels of the shallow groundwater regime [both the groundwater and the indoor inhalation components], (b) the potential extent of groundwater impaction based on Equation R26 modeling of the post-remediation groundwater samples, and (c) if any additional groundwater remediation activities or off-site controls are required.

Soil Indoor Inhalation Exposure Route – Soil Gas Sampling

As the groundwater beneath the site, based on the most recent sampling event per monitoring well location, historically exceeded the Indoor Inhalation Exposure Route Tier 1 GROs of 35 IAC 742, Appendix B, Table H, a soil gas sample will be collected at the site during the installation of the replacement monitoring wells. The soil gas sample will be collected at a depth of three (3) feet bgs either near replacement monitoring well MW-10R or the remediation wall sample that exhibits the highest degree of impaction. The placement of the soil gas sampling location slightly outside the monitoring well location and excavation cavity will help negate any influence of the porous annular space materials may have on the soil gas sample integrity, while still being within the groundwater contaminant plume. Following an appropriate equilibration time, soil gas sample collection will be completed in accordance with 35 IAC 742.227. The soil gas sample will be analyzed for BTEX, MTBE, naphthalene and isopropyl alcohol (leak test gas) parameters.

The analytical results of the soil gas sample (and the updated groundwater samples from on-site monitoring wells, see above) will be evaluated against (a) the SGROs of the modified J&E model Equations J&E1 and J&E2, (b) the Tier 1 SGROs and GROs in Table H of 35 IAC 734 Appendix B and (c) the calculated Tier 2 SGROs and GROs presented in this *CAP*, to determine if the potential on- and off-site soil gas impaction can be mitigated through institutional controls, through Tier 2 analysis or through active mitigation (i.e., a building control technology). Should active mitigation be required, a *CAP and Budget Amendment* will be submitted to the IEPA for approval.

Proposed Institutional Controls

The delineated residual IEPA TACO Tier 1 (off-site) and Tier 2 (on-site) SRO exceedences and Tier 1 GRO exceedences shall be mitigated pursuant to Subpart J (Institutional Controls) of 35 IAC 742. The following discusses the preliminary institutional controls that will be relied upon to address the residual impaction resulting from the LUST.

Institutional Controls: On-Site

To address the on-site residual soils impacted above the IEPA TACO Tier 2 SROs for the residential Outdoor Inhalation Exposure Route or the IEPA TACO Tier 1 SROs for the residential Soil Ingestion Exposure Route, an industrial/commercial land use limitation shall be included as an institutional control specified in the No Further Remediation (NFR) designation letter.

To address the on-site residual soils impacted above the IEPA TACO Tier 2 SROs for the SCGI Exposure Route and the delineated and potential modeled on-site extent of groundwater impaction above the IEPA TACO Tier 1 GROs for Class I Groundwater, a site-wide groundwater use restriction will be placed on the deed of the property.

Should the proposed soil gas sample or the updated on-site monitoring well groundwater samples return analytical results below the industrial/commercial Tier 1 or Tier 2 SGROs or Indoor Inhalation Exposure Route GROs, as a condition of using Table H or Table L of Appendix B in 35 IAC 742 and to address the potential for volatile chemical vapor intrusion via the Indoor Inhalation Exposure Route, a provision that any existing or future building constructed on-site must either have a full concrete slab-on-grade or have a full concrete basement floor and walls with no sump(s) will be placed on the deed of the property.

Institutional Controls: Off-Site

Pursuant to 35 IAC 742.1000(c)(5) and 742.1020, a Highway Authority Agreement (HAA) will be sought and executed for the ROW of North Peoria Road west of the site with the Illinois Department of Transportation (IDOT) to mitigate the potential residual off-site soil and groundwater impacted above the IEPA TACO Tier 1 ROs. This agreement will address the residual contamination that has already migrated or has the potential to migrate into the adjacent ROW. **Figure 5** illustrates the potential area to be covered by the HAA. This area will be adjusted based on Equation R26 modeling of the post-remediation soil and groundwater samples, as well as the requirements of IDOT. The HAA shall match the form and contain the same substance, except for variable elements, as the model in Appendix D of 35 IAC 742, or the IEPA/IDOT agreed-upon form in the case of an IDOT HAA. A draft copy of the IDOT HAA is not included in this *CAP* as IDOT will prepare the document based on the information (multiple figures and tables, application and modeling information, etc.) provided by the owner/operator. However, the IDOT "Application for Highway Authority Agreement (HAA)" and some of the attachments to be submitted are included in **Attachment 6** (Exhibits A, B and C cannot be finalized until final sampling and modeling have been performed). This HAA appears readily achievable as IDOT readily approves HAAs. Following execution of the HAA by the owner/operator and IDOT, a copy of the fully executed HAA will be submitted to the IEPA. Pursuant to 35 IAC 742.1020(d), the executed HAA shall be referenced in the NFR letter for the site, which shall be recorded to the chain of title for the remediation property.

Pursuant to 742.1000(c)(2) and 742.1010, an Environmental Land Use Control (ELUC) will be sought and executed for the commercial property directly south and east (2730 North Peoria Road; PIN 14-14.0-152-012) of the subject site. This agreement will address the residual contamination that has already migrated or has the potential to migrate onto this property. The ELUC for the south and east adjacent property will cover the entire property as illustrated on **Figure 5**. The ELUC shall match the form and contain the same substance, except for variable elements, as the model in Appendix F of 35 IAC 742. A draft copy of the ELUC is included in **Attachment 7** so that the IEPA can determine if the ELUC will be acceptable as an institutional control to address the impaction that has potentially migrated beneath the south and east adjoining property (Exhibit B-2 and B-3 cannot be finalized until final sampling and modeling have been performed). Pursuant to 35 IAC 742.1010(b)(1), the executed ELUC shall be recorded in the chain of title with the Sangamon County Recorder's Office. Based on the laboratory analytical results from soil borings/monitoring wells SB-102, SB-103, CA-33 through CA-38, MW-1, MW-2, MW-7, MW-8 and MW-13, the ELUC for the 2730 North Peoria Road property will contain the following restrictions:

a. any contaminated soil or groundwater that is removed or excavated from, or disturbed at, the Property must be handled in accordance with all applicable laws and regulations under 35 Ill. Adm. Code Subtitle G;
b. the groundwater under the Property shall not be used as a potable supply of water. No person shall construct, install, maintain, or utilize a potable water supply well. In accordance with Section 3.65 of the Environmental Protection Act, "potable" means generally fit for human consumption in accordance with accepted water supply principles and practices; and
c. any existing or potential building constructed within the Property must have a full concrete slab-on-grade or a full concrete basement floor and walls with no sumps.

Additional off-site controls (ordinance and/or ELUCs), investigation, and/or remediation will be proposed in a *CAP and Budget Amendment* should the laboratory analytical results of the post-Corrective Action soil and/or groundwater samples model beyond the boundaries of the subject site, adjacent IDOT-jurisdictional ROW and/or 2730 North Peoria Road ELUC property.

Closure Request and Post-NFR Activities
Following receipt of the executed HAA, and ELUC(s) or groundwater ordinance if needed, a *Corrective Action Completion Report* (*CACR*) will be submitted to the IEPA requesting issuance of an NFR determination letter for the incident. Upon issuance of the NFR designation from the IEPA, the owner shall record the NFR document to the title of the site with the County Recorder of Sangamon County. Following the receipt of the NFR designation from the IEPA, the groundwater monitoring wells shall be properly abandoned in accordance with 77 IAC 920.120.

The budget for the work associated with this *CAP* proposal is included as **Attachment 8**.

Budget for Already Completed Corrective Action Soil Remediation
In December 2020, CW^3M oversaw the abandonment and removal of the USTs associated with the LUST incidents reported for the site. At this time, and in association with the installation of new USTs in the same area of the former USTs, soil impaction exceeding the Tier 2 C_{sat} values and SROs for the industrial/commercial and construction Outdoor Inhalation Exposure Route was excavated, transported and disposed of off-site at a licensed landfill facility. This area, including the former USTs, would have been included the area to be actively remediated during Corrective Action given the high levels of impaction observed in soil borings CA-1 through CA-6. Documentation of these soil remediation activities are included in the *45-Day Report*, dated January 2021.

As these Corrective Action activities occurred in the past, for which rates differ than the current one, a separate *Corrective Action Budget* has been prepared for those costs not included with those associated with the Early Action activities associated with the 2020 LUST incident, reported during the removal of the three (3) USTs. The completed Corrective Action costs include laboratory analytical costs for the soil samples collected at the final limits of the excavation (SA-3B through SA-6B and SA-13 through SA-18), remediation/disposal and backfilling costs for the excavation/backfilling volume over that allowed for during Early Action for the two (2) tanks that were removed, paving of the excavation area, and consulting personnel and material costs for those hours and materials not expended during the Early Action activities.

The budget for the work associated with the completed Corrective Action remediation activities described above is included as **Attachment 9**.

c. A schedule for implementation and completion of the plan;

Scheduling is contingent upon approval of this *CAP* by the Agency, and the many steps necessary to implement and complete the proposed scope of work in this plan. Upon approval of this *CAP* by the Agency, the owner/operator will take efforts to implement the proposed scope of work in this plan within 60 days. Should the laboratory analytical results of the post-Corrective Action groundwater samples model beyond the boundaries of the properties covered by the above-mentioned institutional

controls, a groundwater ordinance or ELUCs, additional investigation and/or remediation will be proposed in a *CAP and Budget Amendment*. Once the necessary institutional controls have been executed, the *CACR* will be prepared and submitted within 30 days of the institutional controls being attained. Following issuance of the NFR designation letter, the monitoring wells at the site will be abandoned.

2. **Identification of the remediation objectives proposed for the site;**

The indicator contaminants for the unleaded gasoline and diesel fuel release associated with this facility are BTEX/MTBE and PNA constituents. Soil and groundwater cleanup objectives are based upon the appropriate 35 IAC 742 Remediation Objectives. The proposed on-site remediation objectives for BTEX/MTBE and naphthalene are provided in the chart below. The applicable Tier 1 remediation objectives set forth in 35 IAC 742, Appendix B, Tables A, B, E, G, H and I, are proposed for the remaining indicator contaminants and appropriate exposure routes.

PARAMETERS AND EXPOSURE ROUTES	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Naphthalene
Soil Ingestion						
Residential	12	16,000	7,800	16,000	780	1,600
Industrial/Commercial	100	410,000	200,000	410,000	20,000	41,000
Construction Worker	2,300	410,000	20,000	41,000	2,000	4,100
Soil Outdoor Inhalation						
Residential	6.1*	940*	400*	460*	8,800	170
Industrial/Commercial	8.6*	940*	400*	460*	8,800	270
Construction Worker	7.4*	710*	58*	94*	140	3.2*
Soil Saturation Limit						
SCGI	580	940*	580*	460*	11,000	N/A
Outdoor Inhalation	800	940*	580*	460*	8,400	N/A
Groundwater Ingestion for Class I Groundwater						
Soil Component	0.30*	61*	48*	460*	4.3*	12
GW Component	0.005	1.0	0.7	10	0.07	0.14
Indoor Inhalation – Soil Gas – Soil Gas Contamination Diffusion + Advection						
Residential	3.9*	6,200	14*	140	3,700	1.0*
Industrial/Commercial	16*	40,000	57*	840	24,000	4.1*
Indoor Inhalation – Groundwater – Diffusion + Advection						
Residential	0.16*	530	0.52*	30	1,900	0.27*
Industrial/Commercial	0.59*	530	2.0*	93	6,800	1.0*

Note: Concentrations are in parts-per-million (ppm) units.
Note: Calculated Tier 2 remediation objective has an asterisk (*).

3. **A description of the remedial technologies selected:**
   a. The feasibility of implementing the remedial technologies;
   b. Whether the remedial technologies will perform satisfactorily and reliably until the remediation objectives are achieved; and
   c. A schedule of when the technologies are expected to achieve the applicable remediation objectives;

Conventional soil remediation technology is a feasible, reliable, effective technology for this site and these site conditions. Removal of the soils in excess of the appropriate Tier 2 SROs, particularly those of the Tier 2 C_{sat} values and Tier 2 Outdoor Inhalation Exposure Route for industrial/commercial properties and construction worker populations, as well as the use of select institutional controls, will address the residual soil contaminants and be protective of human health, safety and the environment,

according to IEPA guidelines. The removal of the Tier 2 C_{sat}-impacted soils and reduction of the groundwater impaction through soil source area removal will also help address the Indoor Inhalation Exposure Route.

4. **A confirmation sampling plan that describes how the effectiveness of the corrective action activities will be monitored during their implementation and after their completion;**

Soil Sampling

Upon achieving the suspect clean soil interface along the final sidewall and floor perimeters of the excavation, confirmation soil samples shall be collected in accordance with IEPA protocols to evaluate the effectiveness of the soil remediation and demonstrate compliance with the appropriate SROs. No floor soil samples are proposed to be collected in the areas excavated to eight (8) feet bgs, since the intent of the excavation in these areas is to remove impacted soils to the top of the site's groundwater zone. Confirmation soil samples will be collected using a twenty-foot (20') grid pattern, or fraction thereof, from the sidewalls and floor, where appropriate, of the completed excavation (30 sidewall and 43 floor). Additionally, the overburden backfill that is returned to the excavation cavity will be sampled at a rate of one (1) sample per 100 yd^3, resulting in nine (9) overburden backfill samples. Per the OSFM regulations [41 IAC 176.330(b)] and unless otherwise directed, soil samples will be required for every 20 feet of product piping run during removal of the product piping prior to commencement of the soil remediation activities. It is estimated that up to 9 product piping soil samples will be required. Any non-disposable sampling tools will be thoroughly cleansed with a non-phosphate detergent wash and distilled water rinse between each sampling event to help prevent possible cross-contamination between the samples. Disposable latex sampling gloves will be worn during the sampling procedures to help safeguard against potential cross-contamination.

Representative soil samples from each location will be placed into zipper lock baggies and sealed. The soil within the bags will then be broken up to help increase the surface area for volatilization. The bag samples will be allowed to warm to ambient outdoor temperature for approximately one-half hour. The probe tip of a field portable PID probe tip will be inserted through the seal of the bag to measure the concentration of volatile organic vapors within the headspace of the bag (headspace screening method). The organic hydrocarbon vapors will be measured and recorded in PID meter units or equivalent ppm concentrations. The detection limit of the PID is one-ppm meter unit.

Additional portions of soil from selected locations will be placed into laboratory provided jars and vials. The samples will be labeled, properly preserved, stored in a cooler, and kept at a temperature of approximately four degrees centigrade to await possible analytical testing procedures. The soil samples shall be analyzed for BTEX/MTBE and PNA site indicator contaminants.

Monitoring Well Installation

GWC shall mobilize to the site with a drill rig and professional crew to perform the Corrective Action replacement monitoring well installation activities to determine the current degree of groundwater impaction for source area removal. The drilling activities for the completion of the monitoring well will be conducted using a dual capability (direct-push for soil borings and hollow stem augers for monitoring well installation) combination rig at the location illustrated on **Figure 4**. The monitoring well will be constructed with hollow-stem augers using two-inch (2") diameter polyvinyl chloride (PVC) flush-threaded screen (0.010-inch slot) and solid PVC casing. The bottom of the screened interval will be capped with a threaded PVC bottom cap, and the top of the solid casing will be closed with a two-inch diameter lockable expansion plug-type cap. The well shall be constructed in a manner that will enable the collection of a representative groundwater sample and cased in a manner that maintains the integrity of the borehole. Casing material shall be inert so as not to affect the water sample. Casing requiring solvent-cement type couplings will not be used. Two-inch PVC casing and well screen materials will be used since they are inert to the petroleum products present at the site, and they will maintain the integrity of the borehole. The well will be constructed of PVC material for the following reasons:

- PVC has been shown to be an inert material in the presence of aromatic hydrocarbon compounds.
- PVC wells are relatively durable, and typically extend for the life of the project.

- PVC is cost-effective and readily available.

The annular space between the borehole wall and the PVC well screen sections will be packed with clean, well rounded and uniformed sized silica sand to a level one to two feet above the top of the screened interval. The annular space in the borehole, above the well screen sections and above the sand pack, will be sealed with bentonite chips to near ground surface. This bentonite material is relatively impermeable, expandable, and does not react with or in any way affect the samples from the well. This seal will help prevent possible contamination of groundwater samples and the groundwater regime from interconnection with the surface.

The surface expression of the well will be constructed of concrete, which will be formed and mounded above the surface and sloped away from the casing to divert any surface water away from the well. The well will be equipped with an expandable casing plug. The location of the well shall be clearly marked, and a flush-mounted steel protective cover will be emplaced in the concrete to protect against tampering and damage from vehicular traffic or other activities associated with expected site use.

Monitoring Well Screen Depth

GWC proposes to install an approximately 15-foot monitoring well to provide the greatest likelihood of detecting migration of groundwater contamination from this LUST. The wells shall be screened to allow sampling only at the desired interval intercepting the groundwater zone while drilling. Ten (10) feet of screened interval will allow for fluctuations in the perched groundwater and allow for the collection of representative groundwater samples from the saturated unit most conducive to the potential migration of contaminants from the LUST source.

Well Development & Survey

Following the installation of monitoring wells, GWC will return to the site to develop the monitoring well per USEPA's Guidance for "Design and Installation of Monitoring Wells" (USEPA, 2013) Section 2.7 (page 25), the following guidelines are set forth:

> "A newly completed monitoring well should not be developed for at least 24 hours after the surface pad and outer protective casing are installed. This will allow sufficient time for the well materials to cure before development procedures are initiated."

The well shall be developed to allow free entry of groundwater, minimize turbidity of the sample, and minimize clogging. Development procedures will consist of removing several well volumes using a disposable high density polyethylene (HDPE) purge bailer and nylon cord. By purging the water quickly, the bailer will create a surge effect on the sand pack of the wells that will allow for the free interconnection of water between the sand pack and the saturated formation.

An elevation survey will be conducted using a survey level instrument and measuring rod to tie the newly installed monitoring well into the monitoring well network. Prior to groundwater sampling, static water elevations will be measured using a depth to water meter. Groundwater elevation in each monitoring well will be determined and recorded to establish the gradient of the groundwater zone. The data collected will be analyzed to determine the direction of groundwater flow. The elevation measurements will be recorded on the monitoring well construction logs as well as being presented in a data table.

Groundwater Sampling

Several well volumes of water will be purged from each well using a dedicated disposable bailer and nylon cord. The representative groundwater samples will then be collected and placed directly into properly labeled laboratory approved jars with appropriate preservatives. The sample jars will be placed in a cooler, on ice, for delivery to the laboratory following signed chain-of-custody protocol. The groundwater samples shall be analyzed for BTEX/MTBE and PNA site indicator contaminants.

Soil Vapor Sampling Assembly Installation

The soil vapor sampling assembly will be temporarily installed using the post-run tubing (PRT) method to an approximate depth of 3.5 feet bgs near monitoring well MW-10R (or the remediation sidewall sample exhibiting the greatest degree of impaction) as shown on **Figure 4**.

After the expendable drive point has been disengaged from the probe rod, the probe rod will be retracted approximately six inches (6") to create a void from which the soil vapor sample will be collected. The internal nylon or polytetrafluoroethylene (Teflon™) tubing will then be installed onto the expendable point holder using a PRT adapter with an O-ring. The ground surface and tubing/probe rod external interface will be sealed to prevent ambient air from entering the soil vapor sampling assembly. The tubing will then be capped and the soil gas will be allowed to equilibrate for a minimum of 30 minutes. Following the sampling activities, the tubing, PRT adapter and probe rods will be pulled out of the borehole and the borehole will be sealed.

Soil Gas Sampling

Soil gas collection will be completed in accordance with 35 IAC 742.227. Specifically, the soil vapor sampling assemblies will be purged three (3) volumes before obtaining a discrete soil gas sample. The samples will be collected using rigid-wall tubing made of nylon or Teflon™ and air flow regulator to limit the flow rate to 200 milliliters per minute (mL/min). Prior to purging the vapor sampling assemblies and collection of the samples, a shut-in test will be performed on the sampling train to determine tightness of the sampling train. During collection of the samples, sample leak testing utilizing 2-propanol (isopropyl alcohol) as a tracer gas will be completed to ensure the integrity of the samples. Prior to collection of the soil vapor samples, the concentration of volatile organic vapors will be measured using a calibrated PID. The soil vapor samples will then be containerized in a gas-tight, inert container provided by a National Environmental Laboratory Accreditation Program (NELAP) certified laboratory for laboratory analysis of BTEX/MTBE, naphthalene and isopropyl alcohol.

Sampling Procedures

The following activities shall be conducted in accordance with "Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods," EPA Publication No. SW-846 or other procedures as approved by the Agency:

- Field sampling activities, including but not limited to activities relative to sample collection, documentation, preparation, labeling, storage and shipment, security, quality assurance and quality control, acceptance criteria, corrective action, and decontamination procedures;
- Field measurement activities, including but not limited to activities relative to equipment and instrument operation, calibration and maintenance, corrective action, and data handling; and
- Quantitative analysis of samples to determine concentrations of indicator contaminants, including but not limited to activities relative to facilities, equipment and instrumentation, operating procedures, sample management, test methods, equipment calibration and maintenance, quality assurance and quality control, corrective action, data reduction and validation, reporting, and records management. Analyses of samples that require more exacting detection limits than, or that cannot be analyzed by standard methods identified in, "Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods," EPA Publication No. SW-846, shall be conducted in accordance with analytical protocols developed in consultation with and approved by the Agency.
- The analytical methodology used for the analysis of indicator contaminants shall have a practical quantitation limit at or below the objectives or detection levels set forth in 35 IAC 742 or as determined by the Agency.
- Quantitative analyses of samples shall be conducted by a laboratory accredited for the analyzed parameters in accordance with the requirements of 35 IAC 186.
- An authorized agent of the accredited laboratory conducting the quantitative analyses shall certify that the analyses were conducted by a laboratory accredited for the analyzed parameters in accordance with 35 IAC 186. The certification shall be submitted with the results of the analyses in the applicable report.

5. A description of the current and projected future uses of the site;

The property is located at 2800 North Peoria Road outside the municipal limits of Springfield, Sangamon County, Illinois in a mixed residential and commercial setting. The property is currently an active service station and convenience store. Following the soil remediation activities, the site will be redeveloped as a service station and convenience store. The projected use of the site is to remain as such, as of the time of

this report.

6. **A description of engineered barriers or institutional controls that will be relied upon to achieve remediation objectives:**
   a. An assessment of their long-term reliability;
   b. Operating and maintenance plans; and
   c. Maps showing area covered by barriers and institutional controls;
   d. Copies of the completed application(s) for planned Highway Authority Agreement(s); and
   e. Draft groundwater ordinance(s) and Environmental Land Use Controls.

   The NFR Letter shall be recorded as a permanent part of the chain of title for the subject property and shall serve as an appropriate institutional control. The NFR letter shall stipulate, at a minimum, the following access controls for the remediation site:

   - A site-wide industrial/commercial land use limitation;
   - A site-wide groundwater use restriction;
   - An on-site provision that any existing or future building constructed on-site must either have a full concrete slab-on-grade or have a full concrete basement floor and walls with no sump(s) – *this is dependent on post-remediation groundwater and soil gas sample results*;
   - An HAA with IDOT for North Peoria Road; and
   - An ELUC for the east- and south-adjoining property.

   Figure 5 illustrates the area subject to the minimum institutional controls and land use limitations (the HAA area will be adjusted based on Equation R26 modeling of the updated post-remediation soil leaching and groundwater sample results).

   A draft copy of the IDOT HAA is not included in this *CAP* as IDOT will prepare the document based on the information (multiple figures and tables, application and modeling information, etc.) provided by the owner/operator. However, the IDOT "Application for Highway Authority Agreement (HAA)" and some of the attachments to be submitted are included in **Attachment 6** (Exhibits A, B and C cannot be finalized until final sampling and modeling have been performed).

   A draft copy of the ELUC is included in **Attachment 7**.

   The analytical results of the samples collected as part of this *CAP* will help determine any additional institutional controls that may be necessary to address the current soil, groundwater and potential soil gas contamination observed at the site.

7. **The water supply well survey:**
   a. Map(s) showing the locations of community water supply wells and other potable wells and the setback zone for each well;
   b. Map(s) showing regulated recharge areas and wellhead protection areas;
   c. Map(s) showing the current extent of groundwater contamination exceeding the most stringent Tier 1 remediation objectives;
   d. Map(s) showing the modeled extent of groundwater contamination exceeding the most stringent Tier 1 remediation objectives;
   e. Tables listing the setback zone for each community water supply well and other potable water supply wells;
   f. A narrative identifying each entity contacted to identify potable water supply wells, the name and title of each person contacted, and any other field observations associated with any wells identified; and
   g. A certification from a licensed Professional Engineer or Licensed Professional Geologist that the survey was conducted in accordance with the requirements and that documentation submitted includes information obtained as a result of the survey (certification of this plan satisfies this requirement);

GWC utilized the IEPA Source Water Assessment Program (SWAP), the Illinois Stage Geological Survey (ISGS) Illinois Water Well (ILWATER), and the Illinois State Water Survey (ISWS) Domestic Wells

databases to obtain research data and conduct the updated and expanded IEPA-required water well survey. The result of the data inquiry is illustrated on **Figure 6** and lists two (2) wells within 2,900 feet of the site. The identified wells (ISGS #25105 and ISGS #24087) are private water wells. ISGS well #25105 appears to have been mismapped on the SWAP and ISGS interactive maps. Based on the lot, subdivision and ownership information on the ISGS well log, and a comparison to county records, ISGS well #25105 is located approximately 1,975 feet south of the south subject site property boundary. Copies of the ISGS well logs for the identified wells are included in **Attachment 10**.

According to the SWAP database map and the IEPA Division of Public Water Supply's Community Water System Well database, the site is not located within the minimum or regulated maximum setback of any community water supply (CWS), non-community water supply (Non-CWS) or private water supply well or within the regulated recharge area of any well.

The current delineated and modeled extent of potential Tier 1 groundwater impaction is illustrated on **Figures 2, 3-A** and **3-B**. The potential Tier 1 groundwater impaction does not model within the setback zone of any CWS, Non-CWS or private water supply well or within the regulated recharge area of any well.

Although the subject site is not located within the municipal limits of the City of Springfield, the site purchases its potable water from the city. According to the IEPA SWAP Fact Sheet, the IEPA Safe Drinking Water Information System (SDWIS) database and the 2020 Water Quality Report for the City of Springfield, the city obtains its potable water supply from two (2) surface water intakes, one (1) at Lake Springfield and one (1) at the juncture of the south fork of the Sangamon River and Horse Creek. Copies of the IEPA SWAP Fact Sheet, the IEPA SDWIS database report and the 2020 Water Quality Report for the City of Springfield are included in **Attachment 10**.

CLASS III SPECIAL RESOURCE GROUNDWATER

The Division of Public Water Supply and Groundwater Section of the Bureau of Water at the IEPA has established and listed (updated Environmental Register – June 2019) multiple areas within Illinois as "Class III: Special Resource Groundwater" that are demonstrably unique and are suitable for application of a water quality standard more stringent than otherwise applicable. According to the updated list established by the IEPA and the SWAP database, no Class III: Special Resource Groundwater areas exist in the area surrounding the site.

SURFACE WATER BODY SURVEY

An on-site inspection in conjunction with a review of the USGS topographic map was conducted to identify any surface water bodies within 1,000 feet of the former UST system. An intermittent stream that ultimately feeds into the Spring Creek is located topographically downgradient and approximately 2,400 feet north/northeast of the northern property line of the subject site.

8. **Appendices;**
   a. References and data sources report that are organized; and

Attachment 1 - IEPA Corrective Action Plan Form
Attachment 2 - Soil Boring Logs
Attachment 3 - Laboratory Analytical Report, Chain-of-Custody & Laboratory Certification
Attachment 4 - IEPA Sanctioned Tier 2 SRO/SGRO/GRO, Soil Leaching and Equation R26 Modeling Input Parameters, Calculations and Results
Attachment 5 - IEPA Indoor Inhalation Exposure Route Checklist
Attachment 6 - Draft IDOT Highway Authority Agreement Application & Documents
Attachment 7 - Draft ELUC for 2730 North Peoria Road Property
Attachment 8 - CAP Budget Forms and OSFM Eligibility Letter – Proposed CA Activities
Attachment 9 - CAP Budget Forms and OSFM Eligibility Letter – Completed CA Remed. Activities
Attachment 10 - Water Well Survey Information

b. Field logs, well logs, and reports of laboratory analyses;

Please refer to **Attachment 2** for previously unsubmitted soil boring logs and monitoring well completion diagrams. Please refer to **Attachment 3** for previously unsubmitted laboratory testing reports, chains-of-custody and laboratory certification forms.

9. Site map(s) meeting the requirements of 35 Ill. Adm. Code 732.110(a) or 734.440;

Please refer to **Figure 1-A and 1-B**.

10. Engineering design specifications, diagrams, schematics, calculations, manufacturer's specifications, etc.;

Not applicable for this LUST facility.

11. A description of bench/pilot studies;

Not applicable for this LUST facility.

12. Cost comparison between proposed method of remediation and other methods of remediation;

Not applicable for this LUST facility.

13. For the proposed Tier 2 or 3 remediation objectives, provide the following:

a. The equations used;
b. A discussion of how input variables were determined;
c. Map(s) depicting distances used in equations; and
d. Calculations; and

Input Variables Discussion

Physical parameter soil testing [fraction of organic carbon (f_{oc}) from a total organic carbon analysis, soil bulk density (ρ_b), soil particle density (ρ_s), moisture content (ω) and soil particle size analysis with hydrometer] was performed during the previous investigation activities. The laboratory analyses yielded the following chemical and physical parameter results:

Chemical & Physical Soil Parameters				
Sample ID	**Fraction of Organic Carbon (f_{oc})**	**Moisture Content (w)**	**Soil Dry Bulk Density (ρ_b)**	**Soil Particle Density (ρ_s)**
TACO	0.00998 g/g	19.9 %	1.50901 g/cm^3	2.599 g/cm^3
	USDA Textural Soil Classification based on Soil Particle Size Analysis		Silt Loam	

The depth of source (d_s) proposed for the purpose of on-site Tier 2 assessment has been set to 9 feet (2.7432 meters) as the conservative approximate maximum vertical thickness of impacted soil as contamination was analytically determined to range from the near surface (minus the initial foot of surface cover/fill material) to 10 feet bgs, the maximum depth to the apparent groundwater-bearing zone observed while drilling.

A rising-head slug test was performed on monitoring well MW-1 during the Site Classification activities. The results of the slug test analysis indicated that the hydraulic conductivity of the subsurface soil materials beneath the site is 2.27 x 10^{-4} centimeters per second (cm/sec). GWC calculated the hydraulic gradient for the historic gauging events (included in **Attachment 4** before the Equation R26 modeling input parameters sheets). The calculated hydraulic gradient of the site ranged from 0.008709 ft/ft during the October 2003 gauging event to 0.0232 ft/ft during the May 2011 gauging event. As a

conservative measure, the maximum hydraulic gradient will be used in the RBCA Equation R26 modeling. Please refer to **Figures 3-A** and **3-B** for the "Source Width Perpendicular to Groundwater Flow in the Horizontal Plane" used in the solution of RBCA Equation R26. The direction of groundwater flow was consistently to the north based on hydraulic gradient and flow calculation using the USEPA On-line Tools for Hydraulic Gradient – Magnitude and Direction. As such, groundwater has been modeled in a semicircular fashion from each source point to the north as required by the IEPA.

Remaining input parameters were obtained form 35 IAC 742 Appendix C, Tables B, D, E and M, as well as toxicity parameters obtained from the IEPA Toxicity Assessment Unit (TAU).

Tier 2 SRO Calculations

Based on a comparison of the contaminant loading data at the site to the SROs for each exposure route, GWC developed site-specific Tier 2 SROs for the following: (1) C_{sat} for toluene, ethylbenzene and total xylenes, (2) SCGI Exposure Route for BTEX/MTBE, (3) Outdoor Inhalation Exposure Route for residential and industrial/commercial properties with respect to BTEX, and (4) Outdoor Inhalation Exposure Route for construction worker populations with respect to BTEX and naphthalene.

Tier 2 SROs were developed in accordance with 35 IAC 742, Subparts F and G. SSL equations identified in Table A, Appendix C of 35 IAC 742 were used to develop the Tier 2 SROs. Specifically, SSL Equations S24, S20, S21, S19 and S29 were used to determine the C_{sat} values. SSL Equations S17/S18/S19 (infinite source) and S28/S18 (mass-limit) were used to determine the SROs for the Class I SCGI Exposure Route. SSL Equations S4 and S6 were used to determine the SROs for the residential and industrial/commercial Soil Outdoor Inhalation Exposure Routes. SSL Equations S5 and S7 were used to determine the SROs for the construction worker Soil Outdoor Inhalation Exposure Route. The volatilization factor values (VF and VF') used in the solution of SSL Equations S4 through S7 were calculated using both mass-limit SSL equations S26 and S27 and infinite source SSL equations S8 and S9 (using S24, S20, S21, S19 and S10). The Tier 2 SROs for SCGI and Outdoor Inhalation Exposure Routes were set as the higher calculated value between mass-limit and infinite source calculations.

Please refer to **Attachment 4** for the IEPA TACO Tier 2 calculation spreadsheets and the IEPA-prescribed input parameter sheets. The calculations yielded the following site-specific Tier 2 soil remediation objectives:

Results of Equations S19 and S29 Calculations ***Soil Saturation Limit***		
Parameter	**Value (mg/kg)**	**Value (µg/kg)**
Soil Component of Groundwater Ingestion & Outdoor Inhalation Exposure Routes		
Toluene	940	940,000
Ethylbenzene	580	580,000
Total Xylenes	460	460,000

Results of Equations S28 and S18 Calculations ***Tier 2 Soil Component of the Groundwater Ingestion Exposure Route Remediation Objectives***		
Parameter	**Value (mg/kg)**	**Value (µg/kg)**
Benzene	0.30 [ML]	300 [ML]
Toluene	61 [ML]	61,000 [ML]
Ethylbenzene	48 [IS]	48,000 [IS]
Total Xylenes	460 [IS]	460,000 [IS]
MTBE	4.3 [ML]	4,300 [ML]

[ML] = Mass-Limit equations derived

[IS] = Infinite Source equations derived

Results of Equations S6 & S7 Modeling – Carcinogens *Tier 2 Outdoor Inhalation Exposure Route Remediation Objectives*			
Parameter	**Target Population**	**Value (mg/kg)**	**Value (µg/kg)**
Benzene	Residential	6.1 [ML]	6,100 [ML]
	Industrial/Commercial	8.6 [ML]	8,600 [ML]
	Construction Worker	7.4 [IS]	7,400 [IS]
Ethylbenzene	Residential	400 [ML]	400,000 [ML]
	Industrial/Commercial	400 [IS]	400,000 [IS]
	Construction Worker	58 [IS]	58,000 [IS]

[ML] = Mass-Limit volatilization factor derived
[IS] = Infinite Source volatilization factor derived

Results of Equation S4 & S5 Modeling – Noncarcinogens *Tier 2 Outdoor Inhalation Exposure Route Remediation Objectives*			
Parameter	**Target Population**	**Value (mg/kg)**	**Value (µg/kg)**
Toluene	Residential	940 [ML]	940,000 [ML]
	Industrial/Commercial	940 [ML]	940,000 [ML]
	Construction Worker	710 [IS]	710,000 [IS]
Total Xylenes	Residential	460 [IS]	460,000 [IS]
	Industrial/Commercial	460 [IS]	460,000 [IS]
	Construction Worker	94 [IS]	94,000 [IS]
Naphthalene	Construction Worker	3.2 [IS]	3,200 [IS]

[ML] = Mass-Limit volatilization factor derived
[IS] = Infinite Source volatilization factor derived

Tier 2 Indoor Inhalation SGRO and GRO Calculations

Based on a comparison of the contaminant loading data of the groundwater samples at the site (and future soil gas sample), GWC developed site-specific Tier 2 Indoor Inhalation SGROs and GROs for the diffusion and advection scenario for the following: benzene, ethylbenzene and naphthalene.

Tier 2 Indoor Inhalation SGROs and GROs were developed in accordance with 35 IAC 742, Subparts F and G. The modified Johnson and Ettinger (J&E) model equations identified in Table L, Appendix C of 35 IAC 742 were used to develop the Tier 2 SGROs and GROs. Specifically, J&E Equation J&E1 was used to determine the Indoor Air ROs for the carcinogenic contaminants. J&E Equation J&E4 was used to determine the SGROs for soil gas contamination and groundwater contamination. J&E Equation J&E6 was used to determine the Indoor Inhalation Exposure Route GROs. The attenuation factor (α) was calculated using J&E Equation J&E7, assuming a diffusion and advection mode of contaminant transport (Q_{soil} = 83.33 cm^3/sec). Intermediate J&E equations were additionally utilized in the calculation of the ROs.

Please refer to **Attachment 4** for the IEPA TACO Tier 2 calculation spreadsheets. The calculations yielded the following site-specific Tier 2 remediation objectives:

Results of Equations J&E1 and J&E2 Calculations *Indoor Air Remediation Objectives* (mg/m^3)		
Parameter	**Residential**	**Industrial/Commercial**
Benzene	0.000312	0.000524
Ethylbenzene	0.000973	0.001635
Naphthalene	0.000072	0.000120

Results of Equation J&E4 Calculations *Indoor Inhalation Soil Gas Remediation Objectives* (mg/m^3)		
Parameter	**Residential**	**Industrial/Commercial**
Soil Gas Contamination		
Benzene	3.9	16
Ethylbenzene	14	57
Naphthalene	1.0	4.1

Results of Equation J&E4 Calculations *Indoor Inhalation Soil Gas Remediation Objectives* (mg/m³)		
Parameter	**Residential**	**Industrial/Commercial**
Groundwater Contamination		
Benzene	21	79
Ethylbenzene	86	320
Naphthalene	2.3	8.7

Results of Equation J&E6 Calculations *Indoor Inhalation Groundwater Remediation Objectives* (mg/L)		
Parameter	**Residential**	**Industrial/Commercial**
Benzene	0.16	0.59
Ethylbenzene	0.52	2.0
Naphthalene	0.27	1.0

Equation R26 Groundwater Modeling

To determine the potential modeled extent of groundwater impact, groundwater modeling was performed using Risk-Based Corrective Action (RBCA) equations found in 35 IAC 742, Appendix C, Table C. The future extent of the groundwater impacts was calculated for: (1) potential contaminants leaching from soil to groundwater using the remaining concentrations in soil (from those locations that will remain following remediation activities); and (2) contaminants in groundwater.

To evaluate the potential impacted groundwater migration associated with the soil impacts exceeding the TACO Tier 1 SROs for the Class I SCGI Exposure Route identified at the site, SSL Equations S28/S18 were used to determine the leachate concentrations of the soil contamination leaching to groundwater. The leached groundwater concentrations from Equations S28/S18 were then used as the source groundwater concentrations in Equation R26. Equation R26 was then used to calculate the extent of the groundwater impacts to the distance where the contaminant concentrations would meet the applicable Tier 1 Class I GROs. The charts in Section D(1) of this *CAP* provide the predicted indicator contaminant soil leachate concentrations and projected distances where the contaminant concentrations in groundwater would meet the IEPA TACO Tier 1 GRO for Class I Groundwater. The soil leaching and groundwater modeling calculations will be updated with post-remediation soil and groundwater laboratory analytical results.

The Equation R26 modeled extent of soil leaching and groundwater impacts from each source are mapped on **Figures 3-A** and **3-B**. The detailed groundwater modeling calculations and IEPA input parameter sheets are provided in **Attachment 4**.

14. Provide documentation to demonstrate the following for alternative technologies:

a. The proposed alternative technology has a substantial likelihood of successfully achieving compliance with all applicable regulations and remediation objectives;
b. The proposed alternative technology will not adversely affect human health and safety or the environment;
c. The owner or operator will obtain all Illinois EPA permits necessary to legally authorize use of alternative technology;
d. The owner or operator will implement a program to monitor whether the requirements of subsection (14)(a) have been met;
e. Within one year from the date of Illinois EPA approval, the owner or operator will provide to the Illinois EPA monitoring program results establishing whether the proposed alternative technology will successfully achieve compliance with the requirements of subsection (14)(a); and
f. Demonstration that the cost of alternative technology will not exceed the cost of conventional technology and is not substantially higher than at least two other alternative technologies, if available and technically feasible.

Not applicable for this LUST facility.

F. Exposure Pathway Exclusion

1. A description of the tests to be performed in determining whether the following requirements will be met:

a. Attenuation capacity of the soil will not be exceeded for any of the organic contaminants;

The concentrations of organic contaminants of concern remaining in the soil shall not exceed the attenuation capacity of the soil, as determined under 35 IAC 742.215(b). The soil attenuation capacity is not exceeded if:

- The sum of the organic contaminant residual concentrations analyzed for the purposes of the remediation program, for which the analysis is performed, at each discrete sampling point, is less than the natural organic carbon fraction of the soil. If the information relative to the concentration of other organic contaminants is available, such information shall be included in the sum. The natural organic carbon fraction (f_{oc}) shall be either:
  - A default value of 6,000 milligrams per kilograms (mg/kg) for soils within the top meter and 2,000 mg/kg for soils below one meter of the surface; or
  - A site-specific value as measured by ASTM D2974-87, Nelson and Sommers, or by SW-846 Method 9060: Total Organic Carbon, as incorporated by reference in Section 742.210.

A review of the soil sample analytical results presented in **Table I** shows that the sum of the organic constituent concentrations at multiple locations exceed the default 2,000 mg/kg for soils below one meter of the surface, which indicates that the attenuation capacity of the soil has been exceeded. These sampling points are within the area proposed for soil remediation. The soil attenuation capacity requirement will be reevaluated following remediation activities.

b. Soil saturation limit will not be exceeded for any of the organic contaminants;

A review of the organic contaminant soil sample analytical results presented in **Table IV** indicates that the Tier 2 soil saturation limits have been exceeded at numerous locations. The soil saturation limit requirement will be reevaluated following remediation activities.

c. Contaminated soils do not exhibit any of the reactivity characteristics of hazardous waste per 35 Ill. Adm. Code 721.123;

Any soil which contains contaminants of concern shall not exhibit any of the characteristics of reactivity for hazardous waste as determined under 35 IAC 721.123. Per this regulation, a solid waste exhibits the characteristic of reactivity if a representative sample of the waste has any of the following properties:

- It is normally unstable and readily undergoes violent change without detonating;
- It reacts violently with water;
- It forms potentially explosive mixtures with water;
- When mixed with water, it generates toxic gases, vapors, or fumes in a quantity sufficient to present a danger to human health or the environment;
- It is a cyanide or sulfide bearing waste which, when exposed to pH conditions between 2.0 and 12.5, can generate toxic gases, vapors, or fumes in a quantity sufficient to present a danger to human health or the environment;
- It is capable of detonation or explosive reaction if it is subjected to a strong initiating source or if heated under confinement;
- It is readily capable of detonation or explosive decomposition or reaction at standard temperature and pressure; and

- It is a forbidden explosive as defined in 49 CFR 173.51, or a Class A explosive as defined in 49 CFR 173.53, or a Class B explosive, as defined in 49 CFR 173.88, incorporated by reference in 35 Ill. Adm. Code 720.111.

The site has a history of use as a petroleum service station. There is no historical information to indicate that corrosive materials may be present in site soil that would exhibit characteristics of reactivity with acid, base, water, sulfide and cyanide.

d. Contaminated soils do not exhibit a pH $\leq$ 2.0 or $\geq$ 12.5; and

The site has a history of use as a petroleum service station. There is no historical information to indicate that the site soil would exhibit a pH less than 2.0 or greater than 12.5.

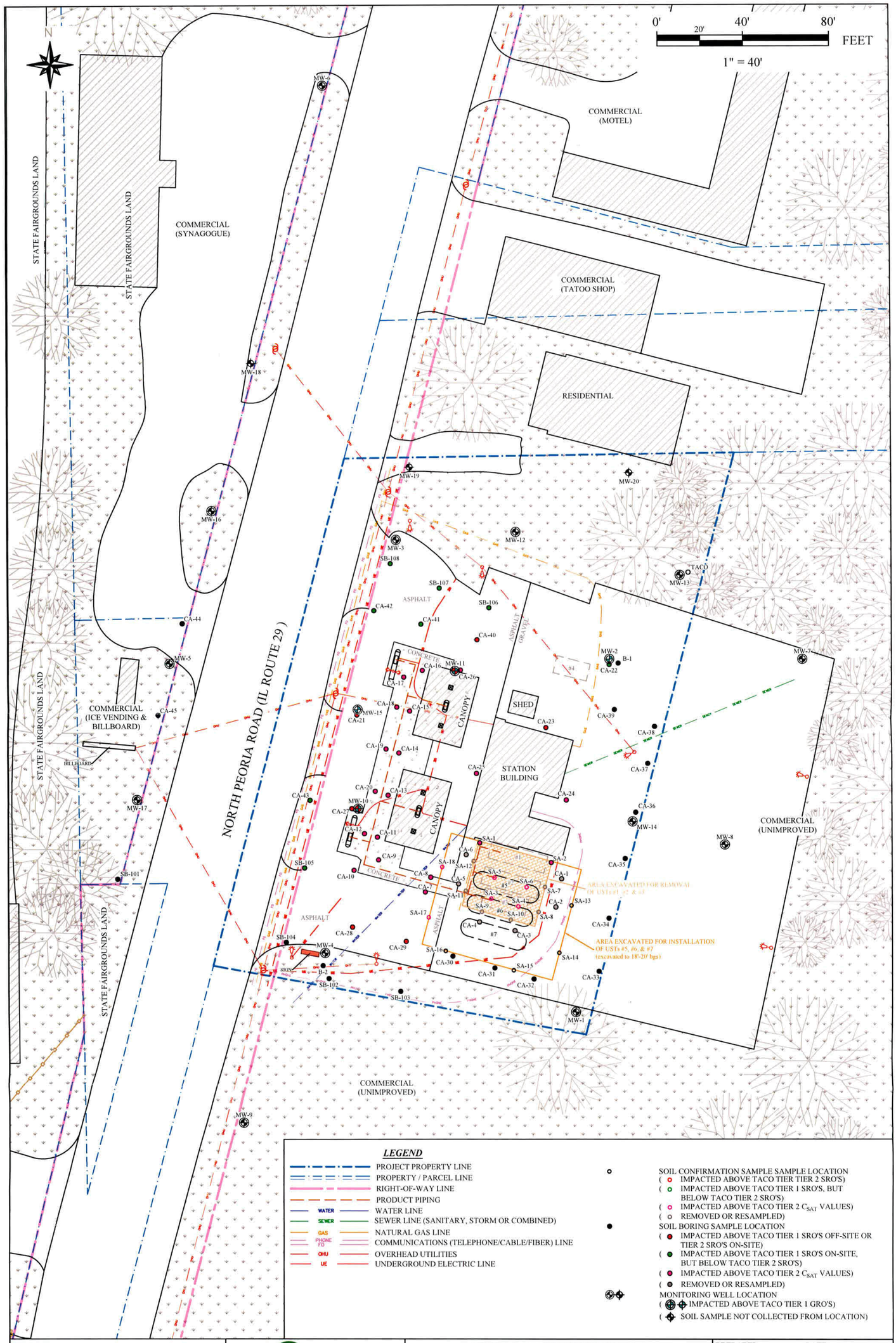
e. Contaminated soils which contain arsenic, barium, cadmium, chromium, lead, mercury, or selenium (or their associated salts) do not exhibit any of the toxicity characteristics of hazardous waste per 35 Ill. Adm. Code 721.124.

The site has a history of use as a petroleum service station. There is no historical information to indicate that contaminated soils would contain arsenic, barium, cadmium, chromium, lead, mercury, selenium or silver (or their associated salts) and exhibit any of the toxicity characteristics of hazardous waste.

2. A discussion of how any exposure pathways are to be excluded.

Following the active remediation proposed above and comparison of the final Corrective Action sample results to IEPA TACO Tier 1 or 2 ROs, an evaluation pursuant to Subpart C of 35 IAC 742 regulations will be conducted to determine if any of the exposure routes can be excluded with respect to the residual impaction identified at the subject site.

FIGURES



UST LEGEND

1. 10,000 GALLON DIESEL FUEL UST (ABANDONED 12/08/20)
2. 10,000 GALLON GASOLINE UST (REMOVED 12/09/20)
3. 8,000 GALLON E-85 UST (REMOVED 12/09/20)
4. 6,000 GALLON DIESEL FUEL UST (REMOVED 08/08/90)
5. 10,000 GALLON GASOLINE UST (IN USE)
6. 10,000 GALLON DIESEL FUEL UST (IN USE)
7. 10,000 GALLON E-15 UST (IN USE)

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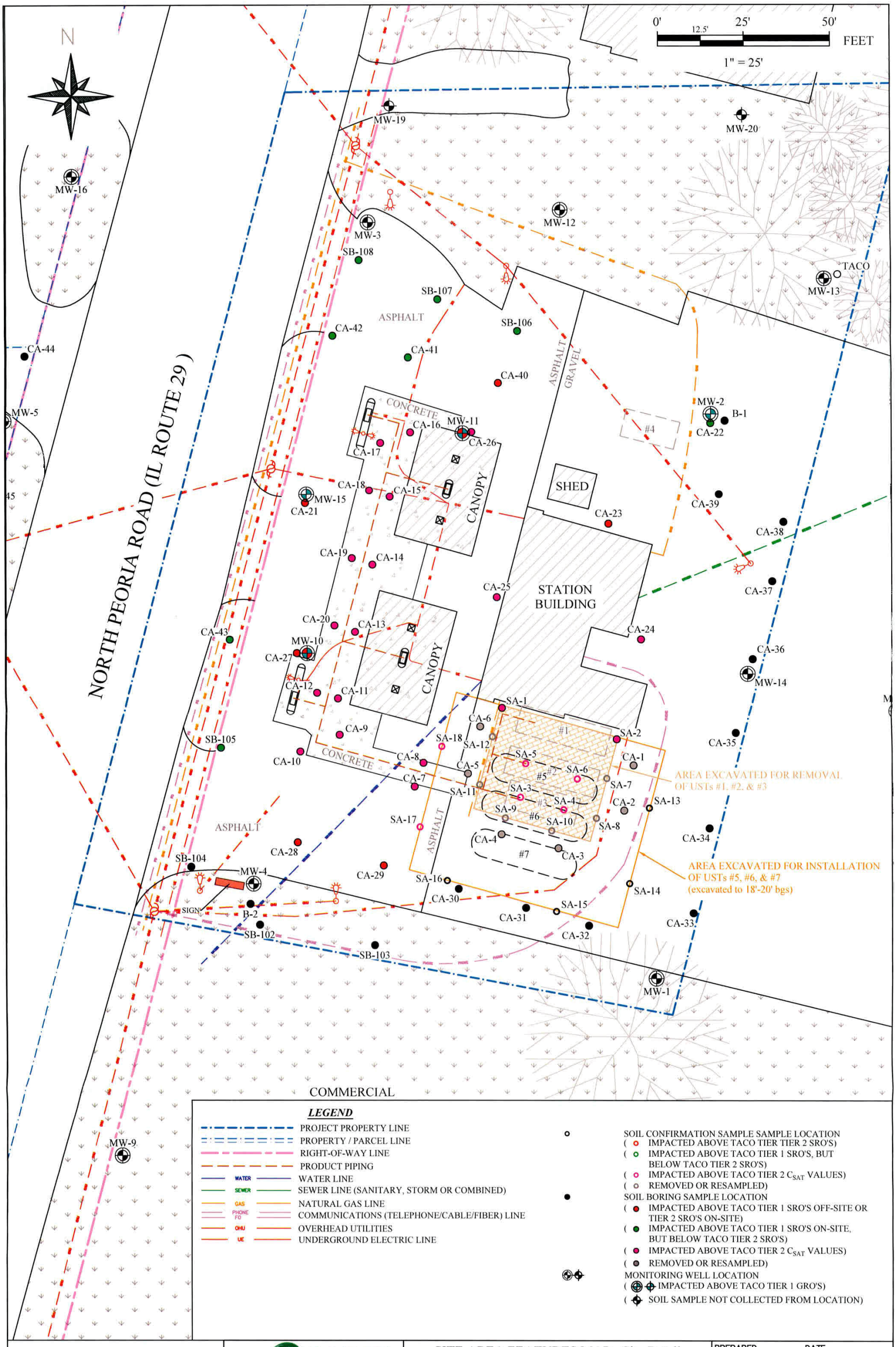
SITE AREA FEATURES MAP

QIK-N-EZ - PEORIA ROAD

2800 NORTH PEORIA ROAD SPRINGFIELD, ILLINOIS 62702

PREPARED WOLFE	DATE 03/2022		
DRAWN WOLFE	DATE 03/2022		
APPROVED WIENHOFF	DATE 03/2022		
INCIDENT NO. 96-1540, 2020-1063	FILE NAME QIK-N-EZ - 2800 PEORIA RD - SAF	PROJECT NO. 370	FIGURE 1-A

000234



UST LEGEND

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3. 8,000 GALLON E-85 UST (REMOVED 12/09/20)
4. 6,000 GALLON DIESEL FUEL UST (REMOVED 08/08/90)
5. 10,000 GALLON GASOLINE UST (IN USE)
6. 10,000 GALLON DIESEL FUEL UST (IN USE)
7. 10,000 GALLON E-15 UST (IN USE)

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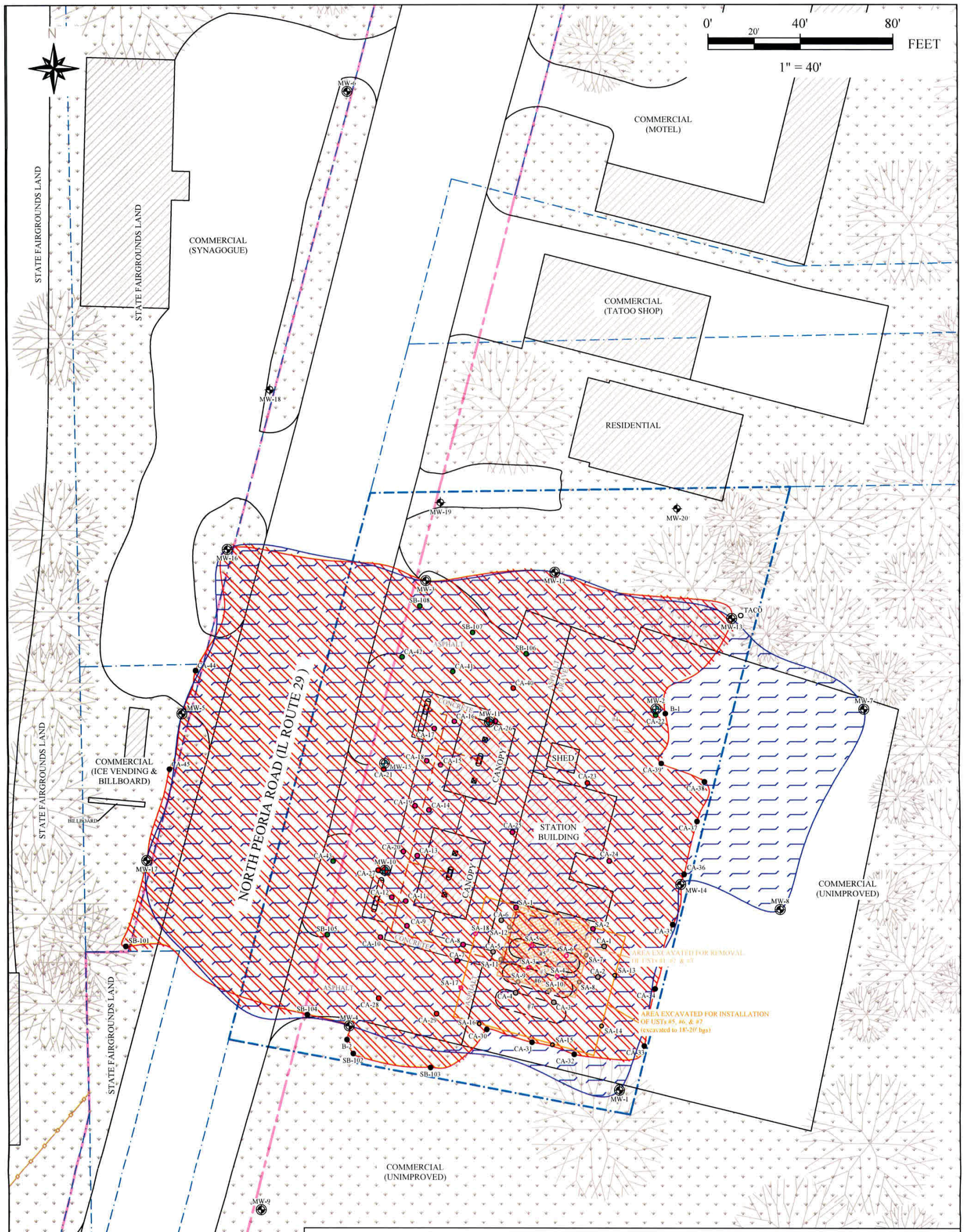
SITE AREA FEATURES MAP - Site Detail

QIK-N-EZ - PEORIA ROAD

2800 NORTH PEORIA ROAD SPRINGFIELD, ILLINOIS 62702

PREPARED WOLFE	DATE 03/2022		
DRAWN WOLFE	DATE 03/2022		
APPROVED WIENHOFF	DATE 03/2022		
INCIDENT NO. 96-1540...2020-1063	FILE NAME QIK-N-EZ - 2800 PEORIA RD - SAF	PROJECT NO. 370	FIGURE 1-B



UST LEGEND

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4. 6,000 GALLON DIESEL FUEL UST (REMOVED 08/08/90)
5. 10,000 GALLON GASOLINE UST (IN USE)
6. 10,000 GALLON DIESEL FUEL UST (IN USE)
7. 10,000 GALLON E-15 UST (IN USE)

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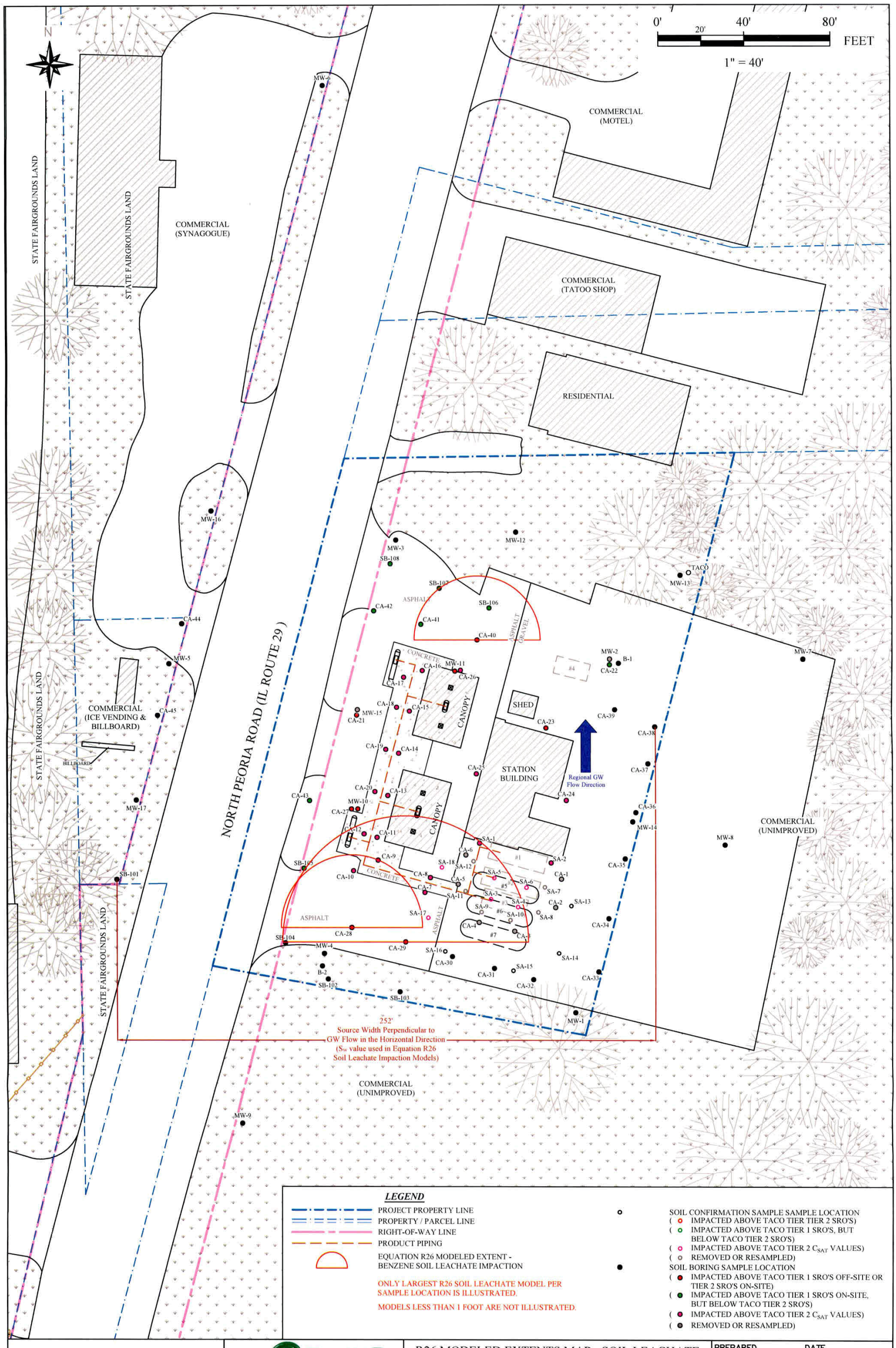
DELINEATED EXTENTS MAP

QIK-N-EZ - PEORIA ROAD

2800 NORTH PEORIA ROAD SPRINGFIELD, ILLINOIS 62702

PREPARED WOLFE	DATE 03/2022		
DRAWN WOLFE	DATE 03/2022		
APPROVED WIENHOFF	DATE 03/2022		
INCIDENT NO. 96-1540...2020-1063	FILE NAME QIK-N-EZ - 2800 PEORIA RD - SAF	PROJECT NO. 370	FIGURE 2



LEGEND

- PROJECT PROPERTY LINE
- PROPERTY / PARCEL LINE
- RIGHT-OF-WAY LINE
- PRODUCT PIPING
- EQUATION R26 MODELED EXTENT - BENZENE SOIL LEACHATE IMPACTION

ONLY LARGEST R26 SOIL LEACHATE MODEL PER SAMPLE LOCATION IS ILLUSTRATED.

MODELS LESS THAN 1 FOOT ARE NOT ILLUSTRATED.

SOIL CONFIRMATION SAMPLE SAMPLE LOCATION
- (IMPACTED ABOVE TACO TIER TIER 2 SRO'S)
- (IMPACTED ABOVE TACO TIER 1 SRO'S, BUT BELOW TACO TIER 2 SRO'S)
- (IMPACTED ABOVE TACO TIER 2 C_{SAT} VALUES)
- (REMOVED OR RESAMPLED)

SOIL BORING SAMPLE LOCATION
- (IMPACTED ABOVE TACO TIER 1 SRO'S OFF-SITE OR TIER 2 SRO'S ON-SITE)
- (IMPACTED ABOVE TACO TIER 1 SRO'S ON-SITE, BUT BELOW TACO TIER 2 SRO'S)
- (IMPACTED ABOVE TACO TIER 2 C_{SAT} VALUES)
- (REMOVED OR RESAMPLED)

UST LEGEND

1. 10,000 GALLON DIESEL FUEL UST (ABANDONED 12/08/20)
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3. 8,000 GALLON E-85 UST (REMOVED 12/09/20)
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5. 10,000 GALLON GASOLINE UST (IN USE)
6. 10,000 GALLON DIESEL FUEL UST (IN USE)
7. 10,000 GALLON E-15 UST (IN USE)

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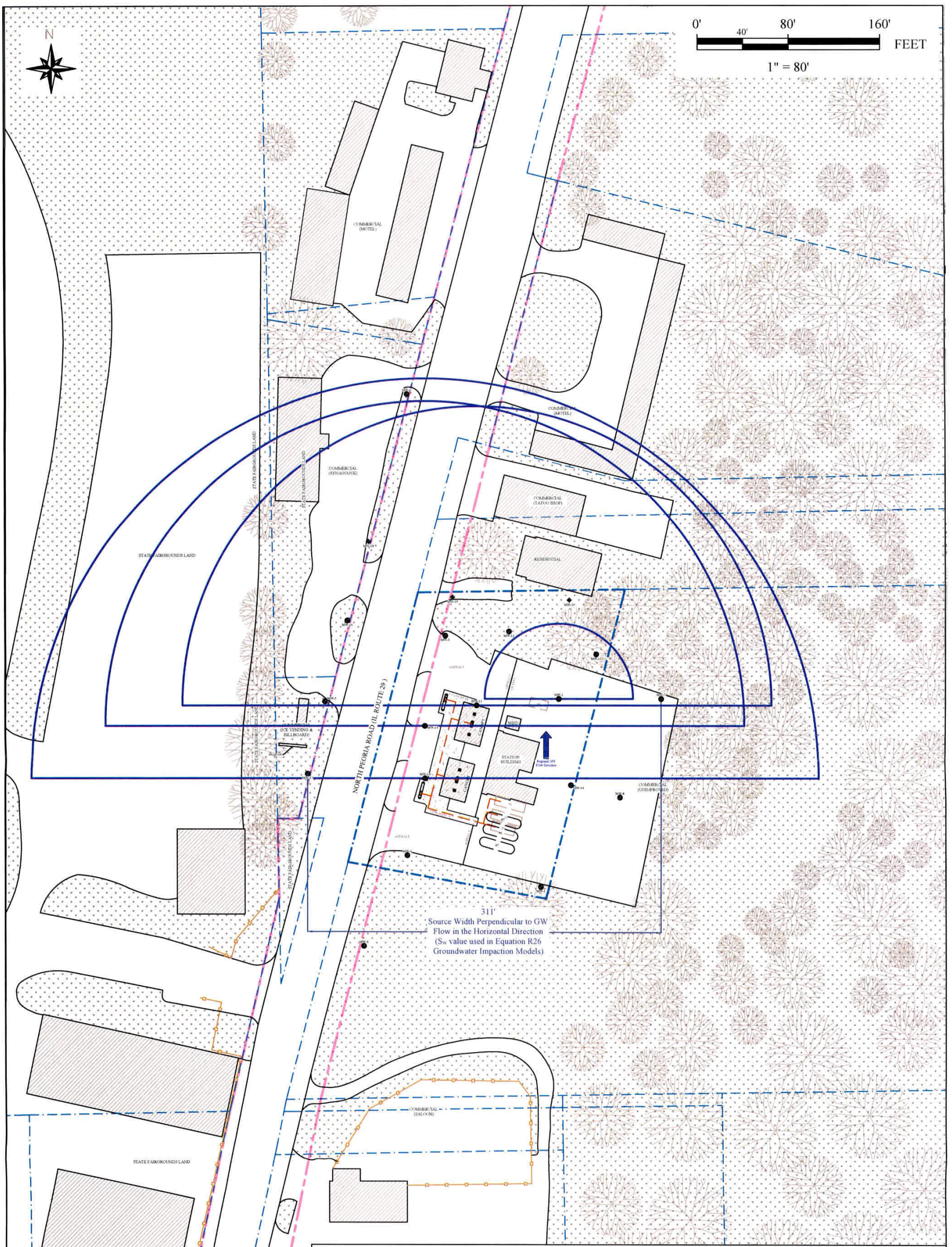
R26 MODELED EXTENTS MAP - SOIL LEACHATE

QIK-N-EZ - PEORIA ROAD

2800 NORTH PEORIA ROAD SPRINGFIELD, ILLINOIS 62702

PREPARED WOLFE	DATE 03/2022		
DRAWN WOLFE	DATE 03/2022		
APPROVED WIENHOFF	DATE 03/2022		
INCIDENT NO. 96-1540...2020-1063	FILE NAME QIK-N-EZ - 2800 PEORIA RD - SAF	PROJECT NO. 370	FIGURE 3-A

000237



UST LEGEND

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2. 10,000 GALLON GASOLINE UST (REMOVED 12/09/20)
3. 8,000 GALLON E-85 UST (REMOVED 12/09/20)
4. 6,000 GALLON DIESEL FUEL UST (REMOVED 08/08/90)
5. 10,000 GALLON GASOLINE UST (IN USE)
6. 10,000 GALLON DIESEL FUEL UST (IN USE)
7. 10,000 GALLON E-15 UST (IN USE)

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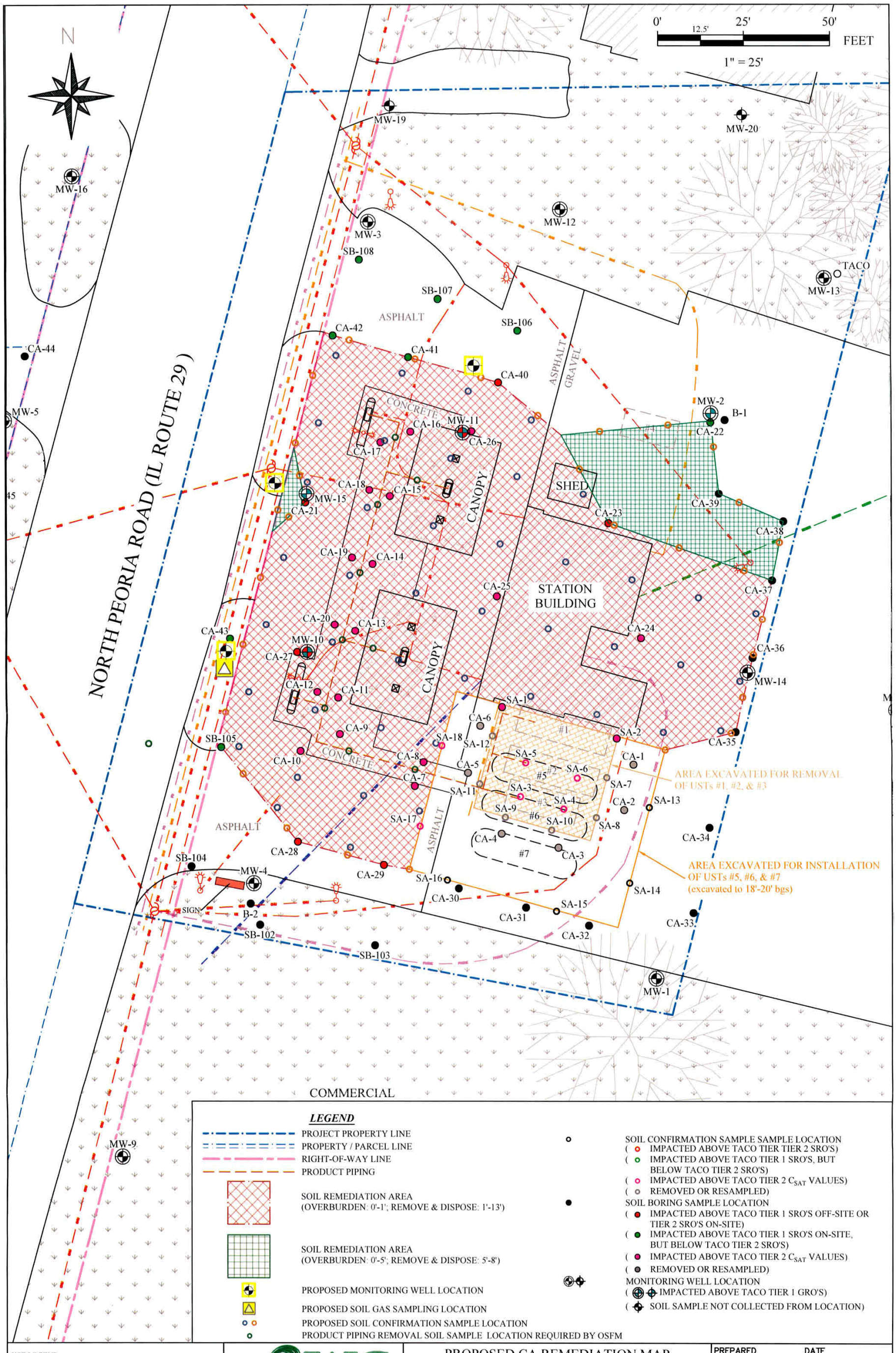
R26 MODELED EXTENTS MAP - GROUNDWATER

QIK-N-EZ - PEORIA ROAD
2800 NORTH PEORIA ROAD SPRINGFIELD, ILLINOIS 62702

PREPARED WOLFE	DATE 03/2022		
DRAWN WOLFE	DATE 03/2022		
APPROVED WIENHOFF	DATE 03/2022		
INCIDENT NO. 96-1540...2020-1063	FILE NAME QIK-N-EZ - 2800 PEORIA RD - SAF	PROJECT NO. 370	FIGURE 3-B



LEGEND

- PROJECT PROPERTY LINE
- PROPERTY / PARCEL LINE
- RIGHT-OF-WAY LINE
- PRODUCT PIPING
- SOIL REMEDIATION AREA (OVERBURDEN: 0'-1'; REMOVE & DISPOSE: 1'-13')
- SOIL REMEDIATION AREA (OVERBURDEN: 0'-5'; REMOVE & DISPOSE: 5'-8')
- PROPOSED MONITORING WELL LOCATION
- PROPOSED SOIL GAS SAMPLING LOCATION
- PROPOSED SOIL CONFIRMATION SAMPLE LOCATION
- PRODUCT PIPING REMOVAL SOIL SAMPLE LOCATION REQUIRED BY OSFM

SOIL CONFIRMATION SAMPLE SAMPLE LOCATION
- (IMPACTED ABOVE TACO TIER TIER 2 SRO'S)
- (IMPACTED ABOVE TACO TIER 1 SRO'S, BUT BELOW TACO TIER 2 SRO'S)
- (IMPACTED ABOVE TACO TIER 2 C_{SAT} VALUES)
- (REMOVED OR RESAMPLED)

SOIL BORING SAMPLE LOCATION
- (IMPACTED ABOVE TACO TIER 1 SRO'S OFF-SITE OR TIER 2 SRO'S ON-SITE)
- (IMPACTED ABOVE TACO TIER 1 SRO'S ON-SITE, BUT BELOW TACO TIER 2 SRO'S)
- (IMPACTED ABOVE TACO TIER 2 C_{SAT} VALUES)
- (REMOVED OR RESAMPLED)

MONITORING WELL LOCATION
- (IMPACTED ABOVE TACO TIER 1 GRO'S)
- (SOIL SAMPLE NOT COLLECTED FROM LOCATION)

UST LEGEND

1. 10,000 GALLON DIESEL FUEL UST (ABANDONED 12/08/20)
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6. 10,000 GALLON DIESEL FUEL UST (IN USE)
7. 10,000 GALLON E-15 UST (IN USE)

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PROPOSED CA REMEDIATION MAP

QIK-N-EZ - PEORIA ROAD

2800 NORTH PEORIA ROAD SPRINGFIELD, ILLINOIS 62702

PREPARED WOLFE	DATE 03/2022		
DRAWN WOLFE	DATE 03/2022		
APPROVED WIENHOFF	DATE 03/2022		
INCIDENT NO. 96-1540...2020-1063	FILE NAME QIK-N-EZ - 2800 PEORIA RD	PROJECT NO. 370	FIGURE 4

LEGEND

PROJECT PROPERTY LINE
PROPERTY / PARCEL LINE
RIGHT-OF-WAY LINE

ON-SITE INSTITUTIONAL CONTROLS
GROUNDWATER USE RESTRICTION;
INDUSTRIAL/COMMERCIAL LAND USE LIMITATION; &
ANY EXISTING OR FUTURE BUILDING CONSTRUCTED ON-SITE MUST EITHER BE FULL CONCRETE SLAB-ON-GRADE OR FULL CONCRETE BASEMENT FLOOR & WALLS WITH NO SUMPS

PROPOSED AREA OF IL DEPARTMENT OF TRANSPORTATION HIGHWAY AUTHORITY AGREEMENT

PROPOSED AREA OF ENVIRONMENTAL LAND USE CONTROL

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PROPOSED INSTITUTIONAL CONTROLS MAP

QIK-N-EZ - PEORIA ROAD
2800 NORTH PEORIA ROAD SPRINGFIELD, ILLINOIS 62702

PREPARED WOLFE	DATE 03/2022		
DRAWN WOLFE	DATE 03/2022		
APPROVED WIENHOFF	DATE 03/2022		
INCIDENT NO. 96-1540...2020-1063	FILE NAME QIK-N-EZ - 2800 PEORIA RD - SAF	PROJECT NO. 370	FIGURE 5

SID: 78978

Illinois EPA FOIA Exemption Reference Sheet

Agency ID: 170000770967 Media File Type: LAND
Bureau ID: 1671205520
Site Name: Lincolnland Oil
Site Address1: 2800 N Peoria Rd
Site Address2:
Site City: Springfield State: IL Zip: 62702-

This record has been determined to be partially or wholly exempt from public disclosure

Exemption Type:

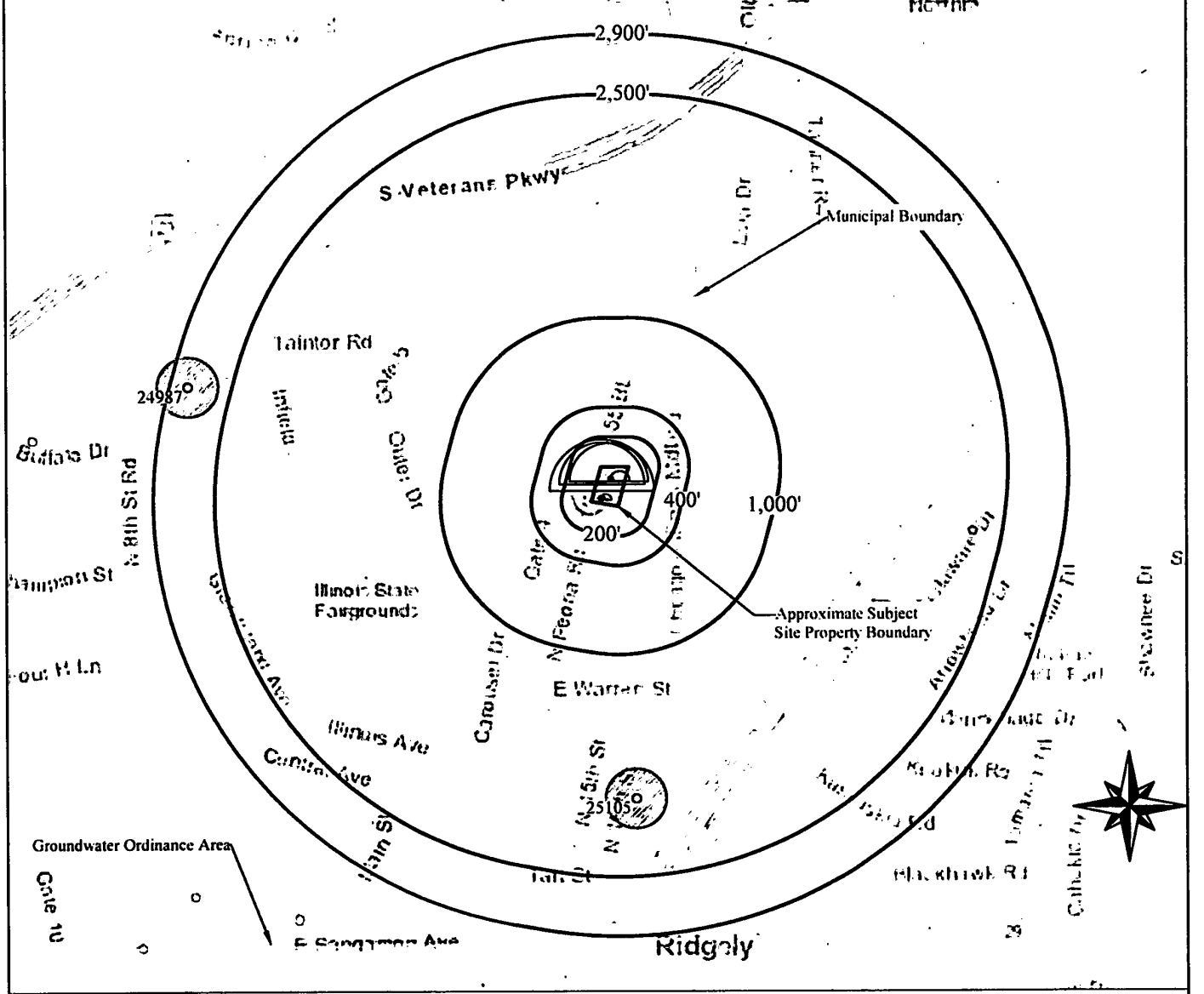
Redaction

Exempt Doc #: 1 **Document Date:** 3 /25/2022 **Staff:** SAB

Document Description: CORRECTIVE ACTION PLAN & BUDGET

Category ID: 21A **Category Description:** LEAKING UST TECHNICAL **Exempt Type:** Redaction
Permit ID: 20201063 **Date of Determination:** 1 /9 /2023

SOURCE: IEPA SOURCE WATER ASSESSMENT PROGRAM (SWAP) ONLINE DATABASE &
ISGS "ILLINOIS WATER WELL (ILWATER)" ONLINE DATABASE AND MAP VIEWER



LEGEND

- ISGS WELL
- COMMUNITY WATER SUPPLY WELL
- NON-COMMUNITY WATER SUPPLY WELL
- ABANDONED WELL
- MISMAPPED WELL
- WATER TEST, ENGINEERING TEST, NON-POTABLE, MONITORING, MINESHAFT, COAL TEST, STRATIGRAPHIC TEST, ETC.

MINIMUM SETBACK ZONE

ADOPTED MAXIMUM SETBACK ZONE

EQUATION R26 MODELED EXTENT - BENZENE GROUNDWATER IMPACTION

EQUATION R26 MODELED EXTENT - BENZENE SOIL LEACHING IMPACTION

Key to CWS, Non-CWS & ISGS Water Supply Wells within 2,900' of Site

Well ID #	Setback Zone	Approximate Distance to UST Release Area	Depth	Well Status / Owner
ISGS #25105	200'	1,975'	28'	Private Water Well / [redacted]
ISGS #24987	200'	2,785'	50'	Private Water Well [redacted]

ISGS = Illinois State Geologic Survey
Non-CWS = Non-Community Water Supply
CWS = Community Water Supply
N/A = Not applicable (setback zone does not apply for well type/status)
Note: Wells in grey have been abandoned

GWC GREEN WAVE CONSULTING, LLC 4440 ASH GROVE DRIVE, Suite A Springfield, IL 62711 (217-726-7569)	WATER WELL SURVEY QIK-N-EZ - PEORIA ROAD 2800 NORTH PEORIA ROAD SPRINGFIELD, ILLINOIS 62702	PREPARED WOLFE DATE 03/2022 DRAWN WOLFE DATE 03/2022 APPROVED WIENHOFF DATE 03/2022	
	INCIDENT NO. 96-1540...2020-1063 FILE NAME QIK-N-EZ - 2800 PEORIA RD - WWS 2022	PROJECT NO. 370	FIGURE 6

TABLES

TABLE I
Summary of Analytical Results – Soil

			MW-1	B-1	B-2	MW-2	MW-3	MW-4	IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			12.5'	5'	5'	8' *	7.5'	7'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			7.5'	N/E	N/E	8'	7.5'	7'	Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			2/26/1998	2/26/1998	2/26/1998	3/24/1998	3/24/1998	3/24/1998								
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	0.018	< 0.002	< 0.002	*0.145*	< 0.002	< 0.002	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	< 0.002	< 0.002	< 0.002	*< 0.002*	< 0.002	< 0.002	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	0.440	< 0.002	< 0.002	*0.028*	< 0.002	< 0.002	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	0.519	< 0.005	< 0.005	*0.010*	< 0.005	< 0.005	150	150	160,000	410,000	41,000	320	320	5.6
Semi-Volatile Organic Compounds (8270C)																
	Units	**Rep. Limit**														
Acenaphthene	mg/kg	Varies**	< 1.200	< 1.200	< 1.200	< 1.200	< 1.200	< 1.200	570	2,900	4,700	120,000	120,000	---	---	---
Acenaphthylene	mg/kg	Varies**	< 0.660	< 0.660	< 0.660	< 0.660	< 0.660	< 0.660	---	---	---	---	---	---	---	---
Anthracene	mg/kg	Varies**	< 0.660	< 0.660	< 0.660	< 0.660	< 0.660	< 0.660	12,000	59,000	23,000	610,000	610,000	---	---	---
Benzo(a)anthracene	mg/kg	Varies**	< 0.0087	< 0.0087	< 0.0087	< 0.0087	< 0.0087	< 0.0087	2	8	0.9	8	170	---	---	---
Benzo(a)pyrene	mg/kg	Varies**	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	8	82	0.09	0.8	17	---	---	---
Benzo(b)fluoranthene	mg/kg	Varies**	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	5	25	0.9	8	170	---	---	---
Benzo(k)fluoranthene	mg/kg	Varies**	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	49	250	9	78	1,700	---	---	---
Benzo(ghi)perylene	mg/kg	Varies**	< 0.051	< 0.051	< 0.051	< 0.051	< 0.051	< 0.051	---	---	---	---	---	---	---	---
Chrysene	mg/kg	Varies**	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	160	800	88	780	17,000	---	---	---
Dibenzo(a,h)anthracene	mg/kg	Varies**	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	2	7.6	0.09	0.8	17	---	---	---
Fluoranthene	mg/kg	Varies**	< 0.660	< 0.660	< 0.660	< 0.660	< 0.660	< 0.660	4,300	21,000	3,100	82,000	82,000	---	---	---
Fluorene	mg/kg	Varies**	< 0.140	< 0.140	< 0.140	< 0.140	< 0.140	< 0.140	560	2,800	3,100	82,000	82,000	---	---	---
Indeno(1,2,3-cd)pyrene	mg/kg	Varies**	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	14	69	0.9	8	170	---	---	---
Naphthalene	mg/kg	Varies**	< 0.660	< 0.660	< 0.660	< 0.660	< 0.660	< 0.660	12	18	1,600	41,000	4,100	170	270	1.8
Phenanthrene	mg/kg	Varies**	< 0.660	< 0.660	< 0.660	< 0.660	< 0.660	< 0.660	---	---	---	---	---	---	---	---
Pyrene	mg/kg	Varies**	< 0.180	< 0.180	< 0.180	< 0.180	< 0.180	< 0.180	4,200	21,000	2,300	61,000	61,000	---	---	---

* MW-2 (8') sample interval was resampled as CA-22 (6').

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.

Note: Analytical testing results for BTEX and PNAs are expressed in parts-per-million (ppm) concentrations.

Note: Exceedences of the IEPA TACO Tier 1 SROs in**bold**.

TABLE I
Summary of Analytical Results – Soil

			MW-5	MW-6	MW-7	MW-8	MW-9	---	IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			6.5'	6'	6.5'	6.5'	6'	----	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			6.5'	6'	6.5'	6.5'	6'	----	Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			9/9/1999	9/9/1999	3/7/2001	3/7/2001	3/7/2001	----								
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	----	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	----	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	----	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	----	150	150	160,000	410,000	41,000	320	320	5.6
Semi-Volatile Organic Compounds (8270C)																
	Units	**Rep. Limit**														
Acenaphthene	mg/kg	Varies**	< 1.200	< 1.200	< 1.200	< 1.200	< 1.200	----	570	2,900	4,700	120,000	120,000	---	---	---
Acenaphthylene	mg/kg	Varies**	< 0.660	< 0.660	< 0.660	< 0.660	< 0.660	----	---	---	---	---	---	---	---	---
Anthracene	mg/kg	Varies**	< 0.660	< 0.660	< 0.660	< 0.660	< 0.660	----	12,000	59,000	23,000	610,000	610,000	---	---	---
Benzo(a)anthracene	mg/kg	Varies**	< 0.0087	< 0.0087	< 0.0087	< 0.0087	< 0.0087	----	2	8	0.9	8	170	---	---	---
Benzo(a)pyrene	mg/kg	Varies**	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	----	8	82	0.09	0.8	17	---	---	---
Benzo(b)fluoranthene	mg/kg	Varies**	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	----	5	25	0.9	8	170	---	---	---
Benzo(k)fluoranthene	mg/kg	Varies**	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	----	49	250	9	78	1,700	---	---	---
Benzo(ghi)perylene	mg/kg	Varies**	< 0.051	< 0.051	< 0.051	< 0.051	< 0.051	----	---	---	---	---	---	---	---	---
Chrysene	mg/kg	Varies**	< 0.100	< 0.100	< 0.100	< 0.100	< 0.100	----	160	800	88	780	17,000	---	---	---
Dibenzo(a,h)anthracene	mg/kg	Varies**	< 0.020	< 0.020	< 0.020	< 0.020	< 0.020	----	2	7.6	0.09	0.8	17	---	---	---
Fluoranthene	mg/kg	Varies**	< 0.660	< 0.660	< 0.660	< 0.660	< 0.660	----	4,300	21,000	3,100	82,000	82,000	---	---	---
Fluorene	mg/kg	Varies**	< 0.140	< 0.140	< 0.140	< 0.140	< 0.140	----	560	2,800	3,100	82,000	82,000	---	---	---
Indeno(1,2,3-cd)pyrene	mg/kg	Varies**	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	----	14	69	0.9	8	170	---	---	---
Naphthalene	mg/kg	Varies**	< 0.660	< 0.660	< 0.660	< 0.660	< 0.660	----	12	18	1,600	41,000	4,100	170	270	1.8
Phenanthrene	mg/kg	Varies**	< 0.660	< 0.660	< 0.660	< 0.660	< 0.660	----	---	---	---	---	---	---	---	---
Pyrene	mg/kg	Varies**	< 0.180	< 0.180	< 0.180	< 0.180	< 0.180	----	4,200	21,000	2,300	61,000	61,000	---	---	---

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.
Note: Analytical testing results for BTEX and PNAs are expressed in parts-per-million (ppm) concentrations.
Note: Exceedences of the IEPA TACO Tier 1 SROs in**bold**.

TABLE I
Summary of Analytical Results – Soil

			MW-10			MW-11			IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			5' *	10'	14'	3' *	10'	14'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			6'			6'			Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			7/9/2007			7/9/2007										
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	*0.988*	**7.13**	**11.1**	*0.226*	**3.67**	**18.2**	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	*0.271*	**31.7**	**33.0**	*< 0.0449*	0.685	**40.4**	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	*0.607*	**13.8**	11.9	*< 0.0449*	11.3	**36.1**	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	*2.53*	**71.8**	**60.3**	*0.101*	**56.0**	**164**	150	150	160,000	410,000	41,000	320	320	5.6
Semi-Volatile Organic Compounds (8270C)																
	Units	**Rep. Limit**														
Acenaphthene	mg/kg	Varies**	< 0.0506	< 0.0479	< 0.0489	< 0.0512	< 0.0493	< 0.0485	570	2,900	4,700	120,000	120,000	---	---	---
Acenaphthylene	mg/kg	Varies**	< 0.0506	< 0.0479	< 0.0489	< 0.0512	< 0.0493	< 0.0485	---	---	---	---	---	---	---	---
Anthracene	mg/kg	Varies**	< 0.0506	< 0.0479	< 0.0489	< 0.0512	< 0.0493	< 0.0485	12,000	59,000	23,000	610,000	610,000	---	---	---
Benzo(a)anthracene	mg/kg	Varies**	< 0.0506	< 0.0479	< 0.0489	< 0.0512	< 0.0493	< 0.0485	2	8	0.9	8	170	---	---	---
Benzo(a)pyrene	mg/kg	Varies**	< 0.0506	< 0.0479	< 0.0489	< 0.0512	< 0.0493	< 0.0485	8	82	0.09	0.8	17	---	---	---
Benzo(b)fluoranthene	mg/kg	Varies**	< 0.0506	< 0.0479	< 0.0489	< 0.0512	< 0.0493	< 0.0485	5	25	0.9	8	170	---	---	---
Benzo(k)fluoranthene	mg/kg	Varies**	< 0.0506	< 0.0479	< 0.0489	< 0.0512	< 0.0493	< 0.0485	49	250	9	78	1,700	---	---	---
Benzo(ghi)perylene	mg/kg	Varies**	< 0.0506	< 0.0479	< 0.0489	< 0.0512	< 0.0493	< 0.0485	---	---	---	---	---	---	---	---
Chrysene	mg/kg	Varies**	< 0.0506	< 0.0479	< 0.0489	< 0.0512	< 0.0493	< 0.0485	160	800	88	780	17,000	---	---	---
Dibenzo(a,h)anthracene	mg/kg	Varies**	< 0.0506	< 0.0479	< 0.0489	< 0.0512	< 0.0493	< 0.0485	2	7.6	0.09	0.8	17	---	---	---
Fluoranthene	mg/kg	Varies**	< 0.0506	< 0.0479	< 0.0489	< 0.0512	< 0.0493	< 0.0485	4,300	21,000	3,100	82,000	82,000	---	---	---
Fluorene	mg/kg	Varies**	< 0.0506	< 0.0479	< 0.0489	< 0.0512	< 0.0493	< 0.0485	560	2,800	3,100	82,000	82,000	---	---	---
Indeno(1,2,3-cd)pyrene	mg/kg	Varies**	< 0.0506	< 0.0479	< 0.0489	< 0.0512	< 0.0493	< 0.0485	14	69	0.9	8	170	---	---	---
Naphthalene	mg/kg	Varies**	< 0.0506	0.609	1.56	< 0.0512	**2.53**	**5.81**	12	18	1,600	41,000	4,100	170	270	1.8
Phenanthrene	mg/kg	Varies**	< 0.0506	< 0.0479	< 0.0489	< 0.0512	< 0.0493	< 0.0485	---	---	---	---	---	---	---	---
Pyrene	mg/kg	Varies**	< 0.0506	< 0.0479	< 0.0489	< 0.0512	< 0.0493	< 0.0485	4,200	21,000	2,300	61,000	61,000	---	---	---

* MW-10 (5') sample interval was resampled as CA-27 (4'). MW-11 (3') sample interval was resampled as CA-26 (4').

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.

Note: Analytical testing results for BTEX and PNAs are expressed in parts-per-million (ppm) concentrations.

Note: Exceedences of the IEPA TACO Tier 1 SROs in**bold**.

TABLE I
Summary of Analytical Results – Soil

			MW-12			MW-13			IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			3'	10'	19'	3'	10'	19'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			7'			17.5'			Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			8/29/2007			8/29/2007										
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	< 0.0024	< 0.0021	< 0.0018	0.0054	< 0.0023	< 0.0020	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	< 0.0024	< 0.0021	< 0.0018	0.0022	< 0.0023	< 0.0020	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	< 0.0024	< 0.0021	< 0.0018	< 0.0022	< 0.0023	< 0.0020	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	< 0.0060	< 0.0053	< 0.0045	< 0.0054	< 0.0057	< 0.0049	150	150	160,000	410,000	41,000	320	320	5.6
Methyl tertiary-butyl ether	mg/kg	Varies**	< 0.0024	< 0.0021	< 0.0018	< 0.0022	< 0.0023	< 0.0020	0.32	0.32	780	20,000	2,000	8,800	8,800	140
Semi-Volatile Organic Compounds (8270C)																
	Units	**Rep. Limit**														
Acenaphthene	mg/kg	Varies**	< 0.0786	< 0.0868	< 0.0791	< 0.0760	< 0.0771	< 0.0807	570	2,900	4,700	120,000	120,000	---	---	---
Acenaphthylene	mg/kg	Varies**	< 0.0786	< 0.0868	< 0.0791	< 0.0760	< 0.0771	< 0.0807	---	---	---	---	---	---	---	---
Anthracene	mg/kg	Varies**	< 0.0786	< 0.0868	< 0.0791	< 0.0760	< 0.0771	< 0.0807	12,000	59,000	23,000	610,000	610,000	---	---	---
Benzo(a)anthracene	mg/kg	Varies**	< 0.0786	< 0.0868	< 0.0791	< 0.0760	< 0.0771	< 0.0807	2	8	0.9	8	170	---	---	---
Benzo(a)pyrene	mg/kg	Varies**	< 0.0786	< 0.0868	< 0.0791	< 0.0760	< 0.0771	< 0.0807	8	82	0.09	0.8	17	---	---	---
Benzo(b)fluoranthene	mg/kg	Varies**	< 0.0786	< 0.0868	< 0.0791	< 0.0760	< 0.0771	< 0.0807	5	25	0.9	8	170	---	---	---
Benzo(k)fluoranthene	mg/kg	Varies**	< 0.0786	< 0.0868	< 0.0791	< 0.0760	< 0.0771	< 0.0807	49	250	9	78	1,700	---	---	---
Benzo(ghi)perylene	mg/kg	Varies**	< 0.0786	< 0.0868	< 0.0791	< 0.0760	< 0.0771	< 0.0807	---	---	---	---	---	---	---	---
Chrysene	mg/kg	Varies**	< 0.0786	< 0.0868	< 0.0791	< 0.0760	< 0.0771	< 0.0807	160	800	88	780	17,000	---	---	---
Dibenzo(a,h)anthracene	mg/kg	Varies**	< 0.0786	< 0.0868	< 0.0791	< 0.0760	< 0.0771	< 0.0807	2	7.6	0.09	0.8	17	---	---	---
Fluoranthene	mg/kg	Varies**	< 0.0786	< 0.0868	< 0.0791	< 0.0760	< 0.0771	< 0.0807	4,300	21,000	3,100	82,000	82,000	---	---	---
Fluorene	mg/kg	Varies**	< 0.0822	< 0.0907	< 0.0826	< 0.0794	< 0.0805	< 0.0843	560	2,800	3,100	82,000	82,000	---	---	---
Indeno(1,2,3-cd)pyrene	mg/kg	Varies**	< 0.0786	< 0.0868	< 0.0791	< 0.0760	< 0.0771	< 0.0807	14	69	0.9	8	170	---	---	---
Naphthalene	mg/kg	Varies**	< 0.0786	< 0.0868	< 0.0791	< 0.0760	< 0.0771	< 0.0807	12	18	1,600	41,000	4,100	170	270	1.8
Phenanthrene	mg/kg	Varies**	< 0.0786	< 0.0868	< 0.0791	< 0.0760	< 0.0771	< 0.0807	---	---	---	---	---	---	---	---
Pyrene	mg/kg	Varies**	< 0.0786	< 0.0868	< 0.0791	< 0.0760	< 0.0771	< 0.0807	4,200	21,000	2,300	61,000	61,000	---	---	---

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.
Note: Analytical testing results for BTEX/MTBE and PNAs are expressed in parts-per-million (ppm) concentrations.
Note: Exceedences of the IEPA TACO Tier 1 SROs in**bold**.

TABLE I
Summary of Analytical Results – Soil

			MW-14			MW-15		----	IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			3'	10'	15'	3' *	6' *	----	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			7'			10'		----	Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			8/29/2007			4/27/2011		----								
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	< 0.0021	< 0.0020	< 0.0017	*0.139*	*0.217*	----	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	< 0.0021	< 0.0020	< 0.0017	*< 0.00540*	*0.0290*	----	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	< 0.0021	< 0.0020	< 0.0017	*0.0461*	*0.216*	----	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	< 0.0052	< 0.0050	< 0.0043	*0.0313*	*0.514*	----	150	150	160,000	410,000	41,000	320	320	5.6
Methyl tertiary-butyl ether	mg/kg	Varies**	< 0.0021	< 0.0020	< 0.0017	< 0.00540	< 0.00474	----	0.32	0.32	780	20,000	2,000	8,800	8,800	140
Semi-Volatile Organic Compounds (8270C)																
	Units	**Rep. Limit**														
Acenaphthene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 1.040	< 1.060	----	570	2,900	4,700	120,000	120,000	---	---	---
Acenaphthylene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.573	< 0.584	----	---	---	---	---	---	---	---	---
Anthracene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.573	< 0.584	----	12,000	59,000	23,000	610,000	610,000	---	---	---
Benzo(a)anthracene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.00755	< 0.00770	----	2	8	0.9	8	170	---	---	---
Benzo(a)pyrene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.0130	< 0.0133	----	8	82	0.09	0.8	17	---	---	---
Benzo(b)fluoranthene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.00955	< 0.00973	----	5	25	0.9	8	170	---	---	---
Benzo(k)fluoranthene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.00955	< 0.00973	----	49	250	9	78	1,700	---	---	---
Benzo(ghi)perylene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.0443	< 0.0451	----	---	---	---	---	---	---	---	---
Chrysene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.0868	< 0.00885	----	160	800	88	780	17,000	---	---	---
Dibenzo(a,h)anthracene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.0174	< 0.0177	----	2	7.6	0.09	0.8	17	---	---	---
Fluoranthene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.573	< 0.584	----	4,300	21,000	3,100	82,000	82,000	---	---	---
Fluorene	mg/kg	Varies**	< 0.0872	< 0.0864	< 0.0831	< 0.121	< 0.124	----	560	2,800	3,100	82,000	82,000	---	---	---
Indeno(1,2,3-cd)pyrene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.0252	< 0.0257	----	14	69	0.9	8	170	---	---	---
Naphthalene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.573	< 0.584	----	12	18	1,600	41,000	4,100	170	270	1.8
Phenanthrene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.573	< 0.584	----	---	---	---	---	---	---	---	---
Pyrene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.156	< 0.159	----	4,200	21,000	2,300	61,000	61,000	---	---	---

* MW-15 (3') and MW-15 (6') sample intervals were resampled as CA-21 (4') and CA-21 (7.5').

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.

Note: Analytical testing results for BTEX/MTBE and PNAs are expressed in parts-per-million (ppm) concentrations.

Note: Exceedences of the IEPA TACO Tier 1 SROs in**bold**.

TABLE I
Summary of Analytical Results – Soil

			CA-1		CA-2		CA-3		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			2.5'	7.5'	2.5'	7.5'	2.5'	7.5'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			~7.5'		~7.5'		~7.5'		Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			5/5/2020		5/5/2020		5/5/2020									
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	<0.0119	39.7	0.0999	13.5	19.4	23.9	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	<0.0475	1,060	0.503	358	526	641	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	<0.0475	235	2.43	77.1	116	139	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	<0.142	1,170	2.35	388	577	693	150	150	160,000	410,000	41,000	320	320	5.6

			CA-4		CA-5		CA-6		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			2.5'	7.5'	2.5'	7.5'	2.5'	7.5'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			~7.5'		~7.5'		~7.5'		Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			5/5/2020		5/5/2020		5/5/2020									
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	18.5	25.9	23.1	30.3	25.4	33.8	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	490	682	623	812	685	921	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	106	150	136	177	151	199	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	530	748	682	887	762	1,000	150	150	160,000	410,000	41,000	320	320	5.6

			CA-7		CA-8		CA-9		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			4.0'	7.5'	4.0'	6.0'	4.0'	7.0'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			~7.5'		~7.5'		~7.5'		Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			5/5/2020		5/5/2020		5/5/2020									
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	**29.7**	**31.3**	**22.7**	**24.6**	**24.5**	**23.7**	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	**781**	**819**	**653**	**764**	**653**	**674**	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	**172**	**185**	**146**	**177**	**142**	**154**	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	**858**	**908**	**724**	**890**	**708**	**770**	150	150	160,000	410,000	41,000	320	320	5.6

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.
Note: Analytical testing results for BTEX are expressed in parts-per-million (ppm) concentrations.
Note: Exceedences of the IEPA TACO Tier 1 SROs in**bold**.
Note: Struck-through samples overexcavated and removed

TABLE I
Summary of Analytical Results – Soil

			CA-10		CA-11		CA-12		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			2.5'	7.5'	4.0'	7.0'	4.0'	7.0'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			~7.5'		~7.5'		~7.5'		Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			5/5/2020		5/5/2020		5/5/2020									
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	**23.8**	**18.5**	**13.3**	**22.9**	**27.5**	**9.39**	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	**629**	**574**	**348**	**708**	**686**	**267**	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	**138**	**139**	**77.5**	**173**	**153**	**64.2**	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	**689**	**695**	**384**	**862**	**759**	**336**	150	150	160,000	410,000	41,000	320	320	5.6

			CA-13		CA-14		CA-15		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			4.0'	7.0'	4.0'	7.5'	4.0'	7.5'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			~7.5'		~7.5'		~7.5'		Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			5/5/2020		5/5/2020		5/5/2020									
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	**22.4**	**28.7**	**17.9**	**29.0**	**19.3**	**30.2**	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	**598**	**746**	**474**	**756**	**514**	**768**	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	**130**	**166**	**104**	**171**	**113**	**137**	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	**649**	**830**	**521**	**846**	**559**	**682**	150	150	160,000	410,000	41,000	320	320	5.6

			CA-16		CA-17		CA-18		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			4.0'	7.5'	4.0'	7.5'	4.0'	7.5'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			~7.5'		~7.5'		~7.5'		Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			5/5/2020		5/5/2020		5/5/2020									
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	**26.5**	**14.5**	**14.7**	**13.2**	**10.4**	**9.87**	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	**705**	**397**	**394**	**407**	**300**	**329**	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	**151**	**100**	**86.6**	**103**	**68.4**	**98.4**	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	**750**	**480**	**430**	**497**	**345**	**484**	150	150	160,000	410,000	41,000	320	320	5.6

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.
Note: Analytical testing results for BTEX are expressed in parts-per-million (ppm) concentrations.
Note: Exceedences of the IEPA TACO Tier 1 SROs in**bold**.

TABLE I
Summary of Analytical Results – Soil

			CA-19		CA-20		CA-21		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			4.0'	7.5'	4.0'	7.5'	4.0'	7.5'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			~7.5'		~7.5'		~7.5'		Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			5/5/2020		5/5/2020		5/5/2020									
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	**24.0**	**22.0**	**19.8**	**23.2**	**0.978**	**17.9**	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	**613**	**516**	**502**	**525**	< 0.0463	**251**	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	**136**	**123**	**111**	**125**	0.105	**84.0**	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	**679**	**610**	**553**	**617**	0.147	**382**	150	150	160,000	410,000	41,000	320	320	5.6

			CA-22		CA-23		CA-24		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			2.5'	6.0'	2.5'	7.5'	2.5'	7.5'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			~7.5'		~7.5'		~7.5'		Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			5/5/2020		5/5/2020		5/5/2020									
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	< 0.0122	**0.0558**	< 0.0128	**16.8**	< 0.0111	**20.1**	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	< 0.0973	0.188	< 0.103	**390**	< 0.0887	**545**	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	< 0.0486	0.0729	< 0.0513	**93.9**	< 0.0443	**144**	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	< 0.0486	0.269	0.0538	**460**	< 0.0443	**742**	150	150	160,000	410,000	41,000	320	320	5.6

			CA-25		CA-26	CA-27	CA-28		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			4.0'	7.5'	4.0'	4.0'	2.5'	7.5'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			~7.5'		N/A	N/A	~10'		Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			5/5/2020		5/5/2020	5/5/2020	12/2/2020									
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	**20.5**	**39.6**	**19.9**	**14.3**	**0.284**	**0.649**	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	**427**	**729**	**430**	**342**	< 0.0405	< 0.0534	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	**104**	**190**	**105**	**86.6**	< 0.0405	1.30	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	**514**	**878**	**520**	**429**	< 0.0811	2.75	150	150	160,000	410,000	41,000	320	320	5.6

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.
Note: Analytical testing results for BTEX are expressed in parts-per-million (ppm) concentrations.
Note: Exceedences of the IEPA TACO Tier 1 SROs in**bold**.

TABLE I
Summary of Analytical Results – Soil

			CA-29		CA-30		CA-31		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			4'	7.5'	2.5'	9'	4'	9'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			~10'		~10'		~10'		Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			12/2/2020		12/2/2020		12/2/2020									
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	**0.600**	**1.42**	< 0.0119	< 0.0107	< 0.0122	< 0.0119	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	< 0.0476	< 0.0412	< 0.0477	< 0.0427	< 0.0489	< 0.0474	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	0.274	3.88	< 0.0477	< 0.0427	< 0.0489	< 0.0474	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	< 0.0952	**6.91**	< 0.0955	< 0.0854	< 0.0977	< 0.0949	150	150	160,000	410,000	41,000	320	320	5.6

			CA-32		CA-33		CA-34		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			2.5'	7.5'	2.5'	7.5'	2.5'	7.5'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			~10'		~10'		~10'		Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			12/2/2020		12/2/2020		12/2/2020									
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	< 0.0123	< 0.0133	< 0.0125	< 0.0108	< 0.0119	< 0.0120	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	< 0.0490	< 0.0533	< 0.0501	< 0.0431	< 0.0477	< 0.0479	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	< 0.0490	< 0.0533	< 0.0501	< 0.0431	< 0.0477	< 0.0479	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	< 0.0490	< 0.107	< 0.100	< 0.0862	< 0.0953	< 0.0959	150	150	160,000	410,000	41,000	320	320	5.6

			CA-35		CA-36		CA-37		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			2.5'	7.5'	2.5'	7.5'	2.5'	7.5'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			~10'		~10'		~10'		Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			12/2/2020		12/2/2020		12/2/2020									
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	< 0.0121	< 0.0115	< 0.0124	< 0.00973	< 0.0113	< 0.0124	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	< 0.0486	< 0.0459	< 0.0494	< 0.0389	< 0.0451	< 0.0496	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	< 0.0486	< 0.0459	< 0.0494	< 0.0389	< 0.0451	< 0.0496	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	< 0.0972	< 0.0918	< 0.0989	< 0.0778	< 0.0902	< 0.0992	150	150	160,000	410,000	41,000	320	320	5.6

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.
Note: Analytical testing results for BTEX are expressed in parts-per-million (ppm) concentrations.
Note: Exceedences of the IEPA TACO Tier 1 SROs in**bold**.

TABLE I
Summary of Analytical Results – Soil

			CA-38		CA-39		CA-40		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			2.5'	7.5'	2.5'	7.5'	4'	7.5'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			~10'		~10'		~10'		Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			12/2/2020		12/2/2020		12/2/2020									
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	< 0.0121	< 0.0116	< 0.0107	< 0.0126	**0.216**	**0.597**	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	< 0.0486	< 0.0464	< 0.0429	< 0.0502	< 0.0469	< 0.0446	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	< 0.0486	< 0.0464	< 0.0429	< 0.0502	0.052	**14.7**	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	< 0.0971	< 0.0928	< 0.0857	< 0.100	< 0.0939	**14.3**	150	150	160,000	410,000	41,000	320	320	5.6

			CA-41		CA-42		CA-43		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			2.5'	7.5'	2.5'	9'	4'	7'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			~10'		~10'		~10'		Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			12/2/2020		12/2/2020		12/2/2020									
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	**0.177**	**0.101**	**0.099**	**0.153**	< 0.0113	**0.047**	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	< 0.0499	< 0.0422	< 0.0507	< 0.0438	< 0.0450	< 0.0497	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	< 0.0499	0.615	< 0.0507	0.069	< 0.0450	0.776	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	< 0.0999	0.107	< 0.101	< 0.0875	< 0.0900	0.352	150	150	160,000	410,000	41,000	320	320	5.6

			CA-44		CA-45		----	----	IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			2.5'	7.5'	2.5'	7.5'	----	----	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			~8'		~8'		----	----	Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			12/8/2020		12/8/2020		----	----								
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	< 0.0125	< 0.0137	< 0.0131	< 0.0136	----	----	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	< 0.0499	< 0.0549	< 0.0525	< 0.0545	----	----	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	< 0.0499	< 0.0549	< 0.0525	< 0.0545	----	----	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	< 0.0998	< 0.110	< 0.105	< 0.109	----	----	150	150	160,000	410,000	41,000	320	320	5.6

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.
Note: Analytical testing results for BTEX are expressed in parts-per-million (ppm) concentrations.
Note: Exceedences of the IEPA TACO Tier 1 SROs in**bold**.

TABLE I
Summary of Analytical Results – Soil

			SA-1	SA-2	~~SA-3~~	~~SA-4~~	~~SA-5~~	~~SA-6~~	IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			8'	8'	~~12'~~	~~12'~~	~~12'~~	~~12'~~	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			9'	9'	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			12/8/2020	12/8/2020	~~12/9/2020~~	~~12/9/2020~~	~~12/9/2020~~	~~12/9/2020~~								
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	**32.2**	**40.5**	~~33.0~~	~~28.4~~	~~41.8~~	~~49.4~~	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	**928**	**1,130**	~~862~~	~~750~~	~~1,350~~	~~1,570~~	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	**243**	**343**	~~297~~	~~238~~	~~441~~	~~481~~	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	**1,200**	**1,610**	~~1,410~~	~~1,150~~	~~2,120~~	~~2,390~~	150	150	160,000	410,000	41,000	320	320	5.6
Methyl tertiary-butyl ether	mg/kg	Varies**	**< 5.25**	**< 5.42**	~~< 4.11~~	~~< 4.08~~	~~< 9.47~~	~~< 10.1~~	0.32	0.32	780	20,000	2,000	8,800	8,800	140
Semi-Volatile Organic Compounds (8270C)																
	Units	**Rep. Limit**														
Acenaphthene	mg/kg	Varies**	< 0.0501	< 0.0503	~~< 0.0474~~	~~< 0.0476~~	~~< 0.0463~~	~~0.0762~~	570	2,900	4,700	120,000	120,000	---	---	---
Acenaphthylene	mg/kg	Varies**	< 0.0501	< 0.0503	~~< 0.0474~~	~~< 0.0476~~	~~< 0.0463~~	~~< 0.0478~~	---	---	---	---	---	---	---	---
Anthracene	mg/kg	Varies**	< 0.0501	< 0.0503	~~< 0.0474~~	~~< 0.0476~~	~~< 0.0463~~	~~< 0.0478~~	12,000	59,000	23,000	610,000	610,000	---	---	---
Benzo(a)anthracene	mg/kg	Varies**	< 0.0501	< 0.0503	~~< 0.0474~~	~~< 0.0476~~	~~< 0.0463~~	~~< 0.0478~~	2	8	0.9	8	170	---	---	---
Benzo(a)pyrene	mg/kg	Varies**	< 0.0501	< 0.0503	~~< 0.0474~~	~~< 0.0476~~	~~< 0.0463~~	~~< 0.0478~~	8	82	0.09	0.8	17	---	---	---
Benzo(b)fluoranthene	mg/kg	Varies**	< 0.0501	< 0.0503	~~< 0.0474~~	~~< 0.0476~~	~~< 0.0463~~	~~< 0.0478~~	5	25	0.9	8	170	---	---	---
Benzo(k)fluoranthene	mg/kg	Varies**	< 0.0501	< 0.0503	~~< 0.0474~~	~~< 0.0476~~	~~< 0.0463~~	~~< 0.0478~~	49	250	9	78	1,700	---	---	---
Benzo(ghi)perylene	mg/kg	Varies**	< 0.0501	< 0.0503	~~< 0.0474~~	~~< 0.0476~~	~~< 0.0463~~	~~< 0.0478~~	---	---	---	---	---	---	---	---
Chrysene	mg/kg	Varies**	< 0.0501	< 0.0503	~~< 0.0474~~	~~< 0.0476~~	~~< 0.0463~~	~~< 0.0478~~	160	800	88	780	17,000	---	---	---
Dibenzo(a,h)anthracene	mg/kg	Varies**	< 0.0501	< 0.0503	~~< 0.0474~~	~~< 0.0476~~	~~< 0.0463~~	~~< 0.0478~~	2	7.6	0.09	0.8	17	---	---	---
Fluoranthene	mg/kg	Varies**	< 0.0501	< 0.0503	~~< 0.0474~~	~~< 0.0476~~	~~< 0.0463~~	~~< 0.0478~~	4,300	21,000	3,100	82,000	82,000	---	---	---
Fluorene	mg/kg	Varies**	< 0.0501	< 0.0503	~~0.0520~~	~~0.0540~~	~~0.0540~~	~~0.114~~	560	2,800	3,100	82,000	82,000	---	---	---
Indeno(1,2,3-cd)pyrene	mg/kg	Varies**	< 0.0501	< 0.0503	~~< 0.0474~~	~~< 0.0476~~	~~< 0.0463~~	~~< 0.0478~~	14	69	0.9	8	170	---	---	---
Naphthalene	mg/kg	Varies**	< 0.0501	< 0.0503	~~9.81~~	~~12.9~~	~~5.65~~	~~24.6~~	12	18	1,600	41,000	4,100	170	270	1.8
Phenanthrene	mg/kg	Varies**	< 0.0501	< 0.0503	~~0.0939~~	~~0.103~~	~~0.0869~~	~~0.215~~	---	---	---	---	---	---	---	---
Pyrene	mg/kg	Varies**	< 0.0501	< 0.0503	~~< 0.0474~~	~~< 0.0476~~	~~< 0.0463~~	~~0.0819~~	4,200	21,000	2,300	61,000	61,000	---	---	---

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.
Note: Analytical testing results for BTEX/MTBE and PNAs are expressed in parts-per-million (ppm) concentrations.
Note: Exceedences of the IEPA TACO Tier 1 SROs in**bold**.
Note: Struck-through samples overexcavated and removed

TABLE I
Summary of Analytical Results – Soil

			~~SA-7~~	~~SA-8~~	~~SA-9~~	~~SA-10~~	~~SA-11~~	~~SA-12~~	IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			~~13'~~	~~13'~~	~~13'~~	~~13'~~	~~13'~~	~~13'~~	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	~~N/A~~	Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			~~12/9/2020~~	~~12/9/2020~~	~~12/9/2020~~	~~12/9/2020~~	~~12/9/2020~~	~~12/9/2020~~								
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	~~15.3~~	~~13.5~~	~~21.6~~	~~26.6~~	~~55.4~~	~~33.3~~	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	~~586~~	~~511~~	~~704~~	~~952~~	~~1,820~~	~~1,140~~	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	~~157~~	~~134~~	~~180~~	~~257~~	~~512~~	~~307~~	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	~~829~~	~~711~~	~~916~~	~~1,320~~	~~2,520~~	~~1,540~~	150	150	160,000	410,000	41,000	320	320	5.6
Methyl tertiary-butyl ether	mg/kg	Varies**	~~< 13.5~~	~~< 9.37~~	~~< 8.45~~	~~< 10.4~~	~~< 11.3~~	~~< 8.61~~	0.32	0.32	780	20,000	2,000	8,800	8,800	140
Semi-Volatile Organic Compounds (8270C)																
	Units	**Rep. Limit**														
Acenaphthene	mg/kg	Varies**	~~< 0.0505~~	~~< 0.0500~~	~~< 0.0489~~	~~< 0.0508~~	~~< 0.0508~~	~~< 0.0499~~	570	2,900	4,700	120,000	120,000	---	---	---
Acenaphthylene	mg/kg	Varies**	~~< 0.0505~~	~~< 0.0500~~	~~< 0.0489~~	~~< 0.0508~~	~~< 0.0508~~	~~< 0.0499~~	---	---	---	---	---	---	---	---
Anthracene	mg/kg	Varies**	~~< 0.0505~~	~~< 0.0500~~	~~< 0.0489~~	~~< 0.0508~~	~~< 0.0508~~	~~< 0.0499~~	12,000	59,000	23,000	610,000	610,000	---	---	---
Benzo(a)anthracene	mg/kg	Varies**	~~< 0.0505~~	~~< 0.0500~~	~~< 0.0489~~	~~< 0.0508~~	~~< 0.0508~~	~~< 0.0499~~	2	8	0.9	8	170	---	---	---
Benzo(a)pyrene	mg/kg	Varies**	~~< 0.0505~~	~~< 0.0500~~	~~< 0.0489~~	~~< 0.0508~~	~~< 0.0508~~	~~< 0.0499~~	8	82	0.09	0.8	17	---	---	---
Benzo(b)fluoranthene	mg/kg	Varies**	~~< 0.0505~~	~~< 0.0500~~	~~< 0.0489~~	~~< 0.0508~~	~~< 0.0508~~	~~< 0.0499~~	5	25	0.9	8	170	---	---	---
Benzo(k)fluoranthene	mg/kg	Varies**	~~< 0.0505~~	~~< 0.0500~~	~~< 0.0489~~	~~< 0.0508~~	~~< 0.0508~~	~~< 0.0499~~	49	250	9	78	1,700	---	---	---
Benzo(ghi)perylene	mg/kg	Varies**	~~< 0.0505~~	~~< 0.0500~~	~~< 0.0489~~	~~< 0.0508~~	~~< 0.0508~~	~~< 0.0499~~	---	---	---	---	---	---	---	---
Chrysene	mg/kg	Varies**	~~< 0.0505~~	~~< 0.0500~~	~~< 0.0489~~	~~< 0.0508~~	~~< 0.0508~~	~~< 0.0499~~	160	800	88	780	17,000	---	---	---
Dibenzo(a,h)anthracene	mg/kg	Varies**	~~< 0.0505~~	~~< 0.0500~~	~~< 0.0489~~	~~< 0.0508~~	~~< 0.0508~~	~~< 0.0499~~	2	7.6	0.09	0.8	17	---	---	---
Fluoranthene	mg/kg	Varies**	~~< 0.0505~~	~~< 0.0500~~	~~< 0.0489~~	~~< 0.0508~~	~~< 0.0508~~	~~< 0.0499~~	4,300	21,000	3,100	82,000	82,000	---	---	---
Fluorene	mg/kg	Varies**	~~< 0.0505~~	~~< 0.0500~~	~~< 0.0489~~	~~< 0.0508~~	~~< 0.0508~~	~~< 0.0499~~	560	2,800	3,100	82,000	82,000	---	---	---
Indeno(1,2,3-cd)pyrene	mg/kg	Varies**	~~< 0.0505~~	~~< 0.0500~~	~~< 0.0489~~	~~< 0.0508~~	~~< 0.0508~~	~~< 0.0499~~	14	69	0.9	8	170	---	---	---
Naphthalene	mg/kg	Varies**	~~< 0.0505~~	~~< 0.0500~~	~~< 0.0489~~	~~< 0.0508~~	~~< 0.0508~~	~~< 0.0499~~	12	18	1,600	41,000	4,100	170	270	1.8
Phenanthrene	mg/kg	Varies**	~~< 0.0505~~	~~< 0.0500~~	~~< 0.0489~~	~~< 0.0508~~	~~< 0.0508~~	~~< 0.0499~~	---	---	---	---	---	---	---	---
Pyrene	mg/kg	Varies**	~~< 0.0505~~	~~< 0.0500~~	~~< 0.0489~~	~~< 0.0508~~	~~< 0.0508~~	~~< 0.0499~~	4,200	21,000	2,300	61,000	61,000	---	---	---

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.
Note: Analytical testing results for BTEX/MTBE and PNAs are expressed in parts-per-million (ppm) concentrations.
Note: Exceedences of the IEPA TACO Tier 1 SROs in**bold**.
Note: Struck-through samples overexcavated and removed

TABLE I
Summary of Analytical Results – Soil

			SA-3	SA-4	SA-5	SA-6	SA-13	SA-14	IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			17'	17'	17'	17'	13'	13'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			N/A	N/A	N/A	N/A	N/A	N/A	Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			12/9/2020	12/9/2020	12/9/2020	12/9/2020	12/11/2020	12/11/2020								
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	**43.0**	**95.7**	**79.9**	**43.6**	< 0.0121	< 0.0149	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	**1,330**	**3,060**	**2,090**	**1,370**	< 0.0482	0.0831	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	**355**	**769**	**698**	**347**	< 0.0482	< 0.0598	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	**1,780**	**3,520**	**3,380**	**1,730**	< 0.0965	< 0.120	150	150	160,000	410,000	41,000	320	320	5.6
Methyl tertiary-butyl ether	mg/kg	Varies**	**< 9.86**	**< 10.4**	**< 13.6**	**< 11.3**	< 0.0482	< 0.0598	0.32	0.32	780	20,000	2,000	8,800	8,800	140
Semi-Volatile Organic Compounds (8270C)																
	Units	**Rep. Limit**														
Acenaphthene	mg/kg	Varies**	< 0.0480	< 0.0494	< 0.0500	< 0.0499	< 0.0496	< 0.0490	570	2,900	4,700	120,000	120,000	---	---	---
Acenaphthylene	mg/kg	Varies**	< 0.0480	< 0.0494	< 0.0500	< 0.0499	< 0.0496	< 0.0490	---	---	---	---	---	---	---	---
Anthracene	mg/kg	Varies**	< 0.0480	< 0.0494	< 0.0500	< 0.0499	< 0.0496	< 0.0490	12,000	59,000	23,000	610,000	610,000	---	---	---
Benzo(a)anthracene	mg/kg	Varies**	< 0.0480	< 0.0494	< 0.0500	< 0.0499	< 0.0496	< 0.0490	2	8	0.9	8	170	---	---	---
Benzo(a)pyrene	mg/kg	Varies**	< 0.0480	< 0.0494	< 0.0500	< 0.0499	< 0.0496	< 0.0490	8	82	0.09	0.8	17	---	---	---
Benzo(b)fluoranthene	mg/kg	Varies**	< 0.0480	< 0.0494	< 0.0500	< 0.0499	< 0.0496	< 0.0490	5	25	0.9	8	170	---	---	---
Benzo(k)fluoranthene	mg/kg	Varies**	< 0.0480	< 0.0494	< 0.0500	< 0.0499	< 0.0496	< 0.0490	49	250	9	78	1,700	---	---	---
Benzo(ghi)perylene	mg/kg	Varies**	< 0.0480	< 0.0494	< 0.0500	< 0.0499	< 0.0496	< 0.0490	---	---	---	---	---	---	---	---
Chrysene	mg/kg	Varies**	< 0.0480	< 0.0494	< 0.0500	< 0.0499	< 0.0496	< 0.0490	160	800	88	780	17,000	---	---	---
Dibenzo(a,h)anthracene	mg/kg	Varies**	< 0.0480	< 0.0494	< 0.0500	< 0.0499	< 0.0496	< 0.0490	2	7.6	0.09	0.8	17	---	---	---
Fluoranthene	mg/kg	Varies**	< 0.0480	< 0.0494	< 0.0500	< 0.0499	< 0.0496	< 0.0490	4,300	21,000	3,100	82,000	82,000	---	---	---
Fluorene	mg/kg	Varies**	< 0.0480	< 0.0494	< 0.0500	< 0.0499	< 0.0496	< 0.0490	560	2,800	3,100	82,000	82,000	---	---	---
Indeno(1,2,3-cd)pyrene	mg/kg	Varies**	< 0.0480	< 0.0494	< 0.0500	< 0.0499	< 0.0496	< 0.0490	14	69	0.9	8	170	---	---	---
Naphthalene	mg/kg	Varies**	0.202	0.291	< 0.0500	< 0.0499	< 0.0496	< 0.0490	12	18	1,600	41,000	4,100	170	270	1.8
Phenanthrene	mg/kg	Varies**	< 0.0480	< 0.0494	< 0.0500	< 0.0499	< 0.0496	< 0.0490	---	---	---	---	---	---	---	---
Pyrene	mg/kg	Varies**	< 0.0480	< 0.0494	< 0.0500	< 0.0499	< 0.0496	< 0.0490	4,200	21,000	2,300	61,000	61,000	---	---	---

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.
Note: Analytical testing results for BTEX/MTBE and PNAs are expressed in parts-per-million (ppm) concentrations.
Note: Exceedences of the IEPA TACO Tier 1 SROs in**bold**.

TABLE I
Summary of Analytical Results – Soil

			SA-15	SA-16	SA-17	SA-18	----	----	IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			13'	13'	13'	13'	----	----	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			N/A	N/A	N/A	N/A	----	----	Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			12/11/2020	12/11/2020	12/11/2020	12/11/2020	----	----								
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	< 0.0132	0.0261	**66.4**	**54.7**	----	----	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	0.104	0.253	**2,280**	**1,690**	----	----	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	< 0.0528	< 0.0357	**647**	**462**	----	----	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	< 0.106	0.0765	**3,140**	**2,240**	----	----	150	150	160,000	410,000	41,000	320	320	5.6
Methyl tertiary-butyl ether	mg/kg	Varies**	< 0.0528	< 0.0357	**< 12.5**	**< 9.72**	----	----	0.32	0.32	780	20,000	2,000	8,800	8,800	140
Semi-Volatile Organic Compounds (8270C)																
	Units	**Rep. Limit**														
Acenaphthene	mg/kg	Varies**	< 0.0485	< 0.0495	< 0.0500	< 0.0499	----	----	570	2,900	4,700	120,000	120,000	---	---	---
Acenaphthylene	mg/kg	Varies**	< 0.0485	< 0.0495	< 0.0500	< 0.0499	----	----	---	---	---	---	---	---	---	---
Anthracene	mg/kg	Varies**	< 0.0485	< 0.0495	< 0.0500	< 0.0499	----	----	12,000	59,000	23,000	610,000	610,000	---	---	---
Benzo(a)anthracene	mg/kg	Varies**	< 0.0485	< 0.0495	< 0.0500	< 0.0499	----	----	2	8	0.9	8	170	---	---	---
Benzo(a)pyrene	mg/kg	Varies**	< 0.0485	< 0.0495	< 0.0500	< 0.0499	----	----	8	82	0.09	0.8	17	---	---	---
Benzo(b)fluoranthene	mg/kg	Varies**	< 0.0485	< 0.0495	< 0.0500	< 0.0499	----	----	5	25	0.9	8	170	---	---	---
Benzo(k)fluoranthene	mg/kg	Varies**	< 0.0485	< 0.0495	< 0.0500	< 0.0499	----	----	49	250	9	78	1,700	---	---	---
Benzo(ghi)perylene	mg/kg	Varies**	< 0.0485	< 0.0495	< 0.0500	< 0.0499	----	----	---	---	---	---	---	---	---	---
Chrysene	mg/kg	Varies**	< 0.0485	< 0.0495	< 0.0500	< 0.0499	----	----	160	800	88	780	17,000	---	---	---
Dibenzo(a,h)anthracene	mg/kg	Varies**	< 0.0485	< 0.0495	< 0.0500	< 0.0499	----	----	2	7.6	0.09	0.8	17	---	---	---
Fluoranthene	mg/kg	Varies**	< 0.0485	< 0.0495	< 0.0500	< 0.0499	----	----	4,300	21,000	3,100	82,000	82,000	---	---	---
Fluorene	mg/kg	Varies**	< 0.0485	< 0.0495	< 0.0500	< 0.0499	----	----	560	2,800	3,100	82,000	82,000	---	---	---
Indeno(1,2,3-cd)pyrene	mg/kg	Varies**	< 0.0485	< 0.0495	< 0.0500	< 0.0499	----	----	14	69	0.9	8	170	---	---	---
Naphthalene	mg/kg	Varies**	< 0.0485	< 0.0495	< 0.0500	< 0.0499	----	----	12	18	1,600	41,000	4,100	170	270	1.8
Phenanthrene	mg/kg	Varies**	< 0.0485	< 0.0495	< 0.0500	< 0.0499	----	----	---	---	---	---	---	---	---	---
Pyrene	mg/kg	Varies**	< 0.0485	< 0.0495	< 0.0500	< 0.0499	----	----	4,200	21,000	2,300	61,000	61,000	---	---	---

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.
Note: Analytical testing results for BTEX/MTBE and PNAs are expressed in parts-per-million (ppm) concentrations.
Note: Exceedences of the IEPA TACO Tier 1 SROs in**bold**.

TABLE I
Summary of Analytical Results – Soil

			MW-16		MW-17		SB-101		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			2.5'	8'	2.5'	8'	2.5'	7'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			9'		9'		8'		Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			12/20/2021		12/20/2021		12/20/2021									
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	< 0.0285	< 0.0293	< 0.0284	< 0.0290	< 0.0284	< 0.0285	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	< 0.0750	< 0.0771	< 0.0789	< 0.0806	< 0.0790	< 0.0791	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	< 0.0750	< 0.0771	< 0.0789	< 0.0806	< 0.0790	< 0.0791	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	< 0.225	< 0.231	< 0.237	< 0.242	< 0.237	< 0.237	150	150	160,000	410,000	41,000	320	320	5.6
Methyl tertiary-butyl ether	mg/kg	Varies**	< 0.0750	< 0.0771	< 0.0789	< 0.0806	< 0.0790	< 0.0791	0.32	0.32	780	20,000	2,000	8,800	8,800	140

			SB-102		SB-103		SB-104		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			2.5'	7'	2.5'	7'	2.5'	7'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			8'		8'		8'		Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			12/20/2021		12/20/2021		12/20/2021									
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	< 0.0286	< 0.0285	< 0.0293	< 0.0289	< 0.0287	< 0.0299	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	< 0.0794	< 0.0792	< 0.0815	< 0.0804	< 0.0797	< 0.0787	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	< 0.0794	< 0.0792	< 0.0815	< 0.0804	< 0.0797	< 0.0787	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	< 0.238	< 0.238	< 0.244	< 0.241	< 0.239	< 0.236	150	150	160,000	410,000	41,000	320	320	5.6
Methyl tertiary-butyl ether	mg/kg	Varies**	< 0.0794	< 0.0792	< 0.0815	< 0.0804	< 0.0797	< 0.0787	0.32	0.32	780	20,000	2,000	8,800	8,800	140

			SB-105		CA-10 *(continued)*		CS-20 *(continued)*		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			4'	6'	12'	16'	12'	18'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			8'		8'		8'		Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			12/20/2021		12/20/2021		12/20/2021									
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	**0.148**	**0.113**	**15.0**	**2.01**	**26.9**	**8.68**	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	< 0.0789	< 0.0796	**26.1**	2.42	**54.3**	**13.4**	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	< 0.0789	< 0.0796	**28.8**	6.22	**30.5**	8.00	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	< 0.237	< 0.239	**130**	**23.5**	**148**	**34.5**	150	150	160,000	410,000	41,000	320	320	5.6
Methyl tertiary-butyl ether	mg/kg	Varies**	< 0.0789	< 0.0796	< 0.242	< 0.248	**0.667**	**0.673**	0.32	0.32	780	20,000	2,000	8,800	8,800	140

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.
Note: Analytical testing results for BTEX are expressed in parts-per-million (ppm) concentrations.
Note: Exceedences of the IEPA TACO Tier 1 SROs in**bold**.

TABLE I
Summary of Analytical Results – Soil

			CA-19 (continued)		CA-18 (continued)		CA-17 (continued)		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			14'	16'	14'	18'	10'	18'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			8'		8'		8'		Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			12/20/2021		12/20/2021		12/20/2021									
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	**14.5**	**8.18**	**19.5**	**1.79**	**8.22**	**2.61**	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	3.14	0.792	4.78	< 0.0545	0.454	0.141	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	**23.7**	**23.3**	**36.1**	< 0.0545	11.1	3.46	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	**92.6**	**62.6**	**173**	< 0.164	**33.2**	**8.10**	150	150	160,000	410,000	41,000	320	320	5.6
Methyl tertiary-butyl ether	mg/kg	Varies**	**0.616**	< 0.258	< 0.170	0.113	< 0.176	< 0.0513	0.32	0.32	780	20,000	2,000	8,800	8,800	140

			CA-16 (continued)		CA-15 (continued)		CA-14 (continued)		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			12'	16'	12'	18'	12'	18'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			8'		8'		8'		Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			12/20/2021		12/20/2021		12/20/2021									
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	**0.740**	**0.756**	**13.9**	**3.02**	**22.3**	**13.1**	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	0.187	0.238	1.57	< 0.0505	**40.9**	7.77	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	5.25	**14.4**	**18.0**	1.64	**28.7**	**21.0**	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	**15.5**	**23.3**	**77.4**	2.39	**122**	**82.9**	150	150	160,000	410,000	41,000	320	320	5.6
Methyl tertiary-butyl ether	mg/kg	Varies**	< 0.0565	< 0.110	< 0.169	0.086	< 0.172	< 0.173	0.32	0.32	780	20,000	2,000	8,800	8,800	140

			CA-13 (continued)		CA-11 (continued)		CA-9 (continued)		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			12'	16'	14'	18'	14'	18'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			8'		8'		8'		Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			12/20/2021		12/21/2021		12/21/2021									
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	**7.73**	**1.48**	**3.82**	**4.66**	**2.30**	**2.34**	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	< 0.109	0.0661	0.997	1.47	0.586	0.66	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	9.99	3.90	8.44	**15.4**	4.66	7.91	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	**32.7**	**13.3**	**27.5**	**48.9**	**13.8**	**25.3**	150	150	160,000	410,000	41,000	320	320	5.6
Methyl tertiary-butyl ether	mg/kg	Varies**	0.262	0.0601	< 0.169	< 0.161	< 0.0507	< 0.175	0.32	0.32	780	20,000	2,000	8,800	8,800	140

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.
Note: Analytical testing results for BTEX are expressed in parts-per-million (ppm) concentrations.
Note: Exceedences of the IEPA TACO Tier 1 SROs in**bold**.

TABLE I
Summary of Analytical Results – Soil

			CA-8 (continued)		CA-7 (continued)		CA-25 (continued)		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			14'	18'	12'	16'	14'	18'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			8'		8'		8'		Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			12/21/2021		12/21/2021		12/21/2021									
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	**2.94**	**5.41**	**14.8**	**8.91**	**0.915**	**1.81**	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	1.86	10.5	2.86	0.974	< 0.0522	< 0.0583	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	11.2	10.7	**27.0**	**14.2**	2.54	5.75	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	**44.9**	**44.7**	**118**	**65.1**	2.35	4.59	150	150	160,000	410,000	41,000	320	320	5.6
Methyl tertiary-butyl ether	mg/kg	Varies**	< 0.170	< 0.157	< 0.176	< 0.181	< 0.0522	< 0.0583	0.32	0.32	780	20,000	2,000	8,800	8,800	140

			CA-24 (continued)		SB-106		SB-107		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			14'	18'	4'	6'	4'	6'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			8'		8'		8'		Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			12/21/2021		12/21/2021		12/21/2021									
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	< 0.0219	< 0.0216	**0.0446**	**0.0729**	**0.117**	**0.198**	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	< 0.0547	< 0.0539	< 0.0626	< 0.0577	< 0.0620	< 0.0589	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	< 0.0547	< 0.0539	< 0.0626	< 0.0577	< 0.0620	< 0.0589	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	< 0.164	< 0.162	< 0.188	< 0.173	< 0.186	< 0.177	150	150	160,000	410,000	41,000	320	320	5.6
Methyl tertiary-butyl ether	mg/kg	Varies**	< 0.0547	< 0.0539	< 0.0626	< 0.0577	< 0.0620	< 0.0589	0.32	0.32	780	20,000	2,000	8,800	8,800	140

			SB-108		----	----	----	----	IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection:			2'	6'	----	----	----	----	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling:			8'		----	----	----	----	Class I	Class II	Residential	Industrial/ Commercial	Construction Worker	Residential	Industrial/ Commercial	Construction Worker
Date of Sample Collection:			12/21/2021		----	----	----	----								
Contaminants of Concern:																
Volatile Organic Compounds (5035A/8260B)																
	Units	**Rep. Limit**														
Benzene	mg/kg	Varies**	**0.136**	**0.131**	----	----	----	----	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	< 0.0599	< 0.0573	----	----	----	----	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	< 0.0599	< 0.0573	----	----	----	----	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	< 0.180	< 0.172	----	----	----	----	150	150	160,000	410,000	41,000	320	320	5.6
Methyl tertiary-butyl ether	mg/kg	Varies**	< 0.0599	< 0.0573	----	----	----	----	0.32	0.32	780	20,000	2,000	8,800	8,800	140

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.
Note: Analytical testing results for BTEX are expressed in parts-per-million (ppm) concentrations.
Note: Exceedences of the IEPA TACO Tier 1 SROs in**bold**.

TABLE II

Summary of Analytical Results - Groundwater

			MW-1								----	----	----	IEPA TACO Tier 1 Groundwater Remediation Objectives			
Date of Sample Collection			4/2/1998	3/9/2001	11/6/2001	2/14/2002	5/28/2002	11/18/2002	10/2/2003	3/12/2007	----	----	----	Groundwater Ingestion Exposure Route		Table H - Diffusion & Advection Indoor Inhalation Exposure Route	
														Class I*	Class II	Residential	Indust./Com.
Contaminants of Concern:																	
Volatile Organics (8260B)																	
	Units	**Rep. Limit**															
Benzene	mg/L	Varies**	0.002	**0.449**	< 0.002	**0.079**	< 0.002	< 0.000950	0.0027	0.00199	----	----	----	0.005	0.025	0.11	0.41
Toluene	mg/L	Varies**	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00115	< 0.00115	< 0.00100	----	----	----	1.0	2.5	530	530
Ethylbenzene	mg/L	Varies**	< 0.002	0.223	< 0.002	0.015	< 0.002	< 0.00113	< 0.00113	< 0.00100	----	----	----	0.7	1.0	0.37	1.4
Total Xylenes	mg/L	Varies**	< 0.005	0.248	< 0.005	0.017	< 0.005	< 0.0042	< 0.0042	< 0.00300	----	----	----	10	10	30	93
Methyl-tert-butylether (MTBE)	mg/L	Varies**	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.064	----	----	----	0.07	0.07	1,900	6,800
Semivolatile Organics - PNA (8270C)																	
	Units	**Rep. Limit**															
Acenaphthene	mg/L	Varies**	< 0.018	< 0.018	< 0.018	< 0.018	< 0.018	N/A	N/A	< 0.000100	----	----	----	0.42	2.1	---	---
Acenaphthylene	mg/L	Varies**	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	N/A	N/A	< 0.000100	----	----	----	---	---	---	---
Anthracene	mg/L	Varies**	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	N/A	N/A	< 0.000100	----	----	----	2.1	10.5	---	---
Benzo(a)anthracene	mg/L	Varies**	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	N/A	N/A	< 0.000100	----	----	----	0.00013	0.00065	---	---
Benzo(a)pyrene	mg/L	Varies**	< 0.00023	< 0.00023	< 0.0002	< 0.0002	< 0.0002	N/A	N/A	< 0.000100	----	----	----	0.0002	0.002	---	---
Benzo(b)fluoranthene	mg/L	Varies**	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	N/A	N/A	< 0.000100	----	----	----	0.00018	0.00090	---	---
Benzo(k)fluoranthene	mg/L	Varies**	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	N/A	N/A	< 0.000100	----	----	----	0.00017	0.00085	---	---
Benzo(ghi)perylene	mg/L	Varies**	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	N/A	N/A	< 0.000100	----	----	----	---	---	---	---
Chrysene	mg/L	Varies**	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	N/A	N/A	< 0.000100	----	----	----	0.0015	0.0075	---	---
Dibenzo(a,h)anthracene	mg/L	Varies**	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	N/A	N/A	< 0.000100	----	----	----	0.0003	0.0015	---	---
Fluoranthene	mg/L	Varies**	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	N/A	N/A	< 0.000100	----	----	----	0.28	1.4	---	---
Fluorene	mg/L	Varies**	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	N/A	N/A	< 0.000100	----	----	----	0.28	1.4	---	---
Indeno(1,2,3-cd)pyrene	mg/L	Varies**	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	N/A	N/A	< 0.000100	----	----	----	0.00043	0.00215	---	---
Naphthalene	mg/L	Varies**	< 0.010	0.040	< 0.010	< 0.010	< 0.010	< 0.00114	< 0.00114	0.000595	----	----	----	0.14	0.22	0.075	0.32
Phenanthrene	mg/L	Varies**	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	N/A	N/A	0.000165	----	----	----	---	---	---	---
Pyrene	mg/L	Varies**	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	N/A	N/A	< 0.000100	----	----	----	210	1,050	---	---

			MW-2										----	IEPA TACO Tier 1 Groundwater Remediation Objectives			
Date of Sample Collection			4/2/1998	3/9/2001	11/6/2001	2/14/2002	5/28/2002	11/18/2002	10/2/2003	3/12/2007	9/13/2007	5/6/2011 & 6/3/2011	----	Groundwater Ingestion Exposure Route		Table H - Diffusion & Advection Indoor Inhalation Exposure Route	
														Class I*	Class II	Residential	Indust./Com.
Contaminants of Concern:																	
Volatile Organics (8260B)																	
	Units	**Rep. Limit**															
Benzene	mg/L	Varies**	**2.034**	**1.46**	**4.20**	**2.53**	**0.630**	**2.700**	**5.330**	**0.976**	**0.673**	**0.0290**	----	0.005	0.025	0.11	0.41
Toluene	mg/L	Varies**	0.299	0.005	0.026	0.015	0.008	< 0.115	< 0.115	0.00401	< 0.020	< 0.00500	----	1.0	2.5	530	530
Ethylbenzene	mg/L	Varies**	**2.968**	**0.803**	**2.03**	**1.87**	0.532	**2.470**	**3.260**	0.723	0.575	0.00833	----	0.7	1.0	0.37	1.4
Total Xylenes	mg/L	Varies**	**13.722**	1.09	3.03	2.83	0.427	0.10304	4.824	1.010	0.742	< 0.0150	----	10	10	30	93
Methyl-tert-butylether (MTBE)	mg/L	Varies**	N/A	N/A	N/A	N/A	N/A	N/A	N/A	**0.466**	**0.364**	0.00652	----	0.07	0.07	1,900	6,800
Semivolatile Organics - PNA (8270C)																	
	Units	**Rep. Limit**															
Acenaphthene	mg/L	Varies**	< 0.018	< 0.018	< 0.018	< 0.018	< 0.018	N/A	N/A	0.000312	< 0.00222	< 0.000500	----	0.42	2.1	---	---
Acenaphthylene	mg/L	Varies**	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	N/A	N/A	< 0.000100	< 0.00222	< 0.000500	----	---	---	---	---
Anthracene	mg/L	Varies**	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	N/A	N/A	< 0.000100	< 0.00222	< 0.000500	----	2.1	10.5	---	---
Benzo(a)anthracene	mg/L	Varies**	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	N/A	N/A	< 0.000100	< 0.00011	< 0.000130	----	0.00013	0.00065	---	---
Benzo(a)pyrene	mg/L	Varies**	< 0.00023	< 0.0002	< 0.0002	< 0.0002	< 0.0002	N/A	N/A	< 0.000100	< 0.00020	< 0.000200	----	0.0002	0.002	---	---
Benzo(b)fluoranthene	mg/L	Varies**	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	N/A	N/A	< 0.000100	< 0.00016	< 0.000170	----	0.00018	0.00090	---	---
Benzo(k)fluoranthene	mg/L	Varies**	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	N/A	N/A	< 0.000100	< 0.00014	< 0.000170	----	0.00017	0.00085	---	---
Benzo(ghi)perylene	mg/L	Varies**	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	N/A	N/A	< 0.000100	< 0.00222	< 0.000500	----	---	---	---	---
Chrysene	mg/L	Varies**	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	N/A	N/A	< 0.000100	< 0.00078	< 0.000500	----	0.0015	0.0075	---	---
Dibenzo(a,h)anthracene	mg/L	Varies**	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	N/A	N/A	< 0.000100	< 0.00026	< 0.000300	----	0.0003	0.0015	---	---
Fluoranthene	mg/L	Varies**	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	N/A	N/A	< 0.000100	< 0.00222	< 0.000500	----	0.28	1.4	---	---
Fluorene	mg/L	Varies**	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	N/A	N/A	0.000254	< 0.0022	< 0.000500	----	0.28	1.4	---	---
Indeno(1,2,3-cd)pyrene	mg/L	Varies**	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	N/A	N/A	< 0.000100	< 0.00018	< 0.000410	----	0.00043	0.00215	---	---
Naphthalene	mg/L	Varies**	< 0.010	**0.272**	**0.432**	**0.248**	**0.157**	**3.550**	**0.921**	**0.225**	**0.323**	0.0498	----	0.14	0.22	0.075	0.32
Phenanthrene	mg/L	Varies**	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	N/A	N/A	0.000221	< 0.00222	< 0.000500	----	---	---	---	---
Pyrene	mg/L	Varies**	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	N/A	N/A	< 0.000100	< 0.00222	< 0.000500	----	210	1,050	---	---

* The groundwater beneath the site has been classified as Class I - Potable Resource Groundwater.

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.

Note: Analytical testing results for BTEX/MTBE and PNAs are expressed in parts-per-million (ppm) concentrations.

Note: Exceedences of the IEPA TACO Tier 1 GROs in **bold**.

Note: Exceedences of the IEPA TACO Tier 1 Indoor Inhalation GROs in shading.

TABLE II

Summary of Analytical Results - Groundwater

Date of Sample Collection			MW-3											IEPA TACO Tier 1 Groundwater Remediation Objectives			
			4/2/1998	3/9/2001	11/6/2001	2/14/2002	5/28/2002	11/18/2002	10/2/2003	3/12/2007	9/13/2007	5/6/2011 & 6/3/2011	----	Groundwater Ingestion Exposure Route		Table H - Diffusion & Advection Indoor Inhalation Exposure Route	
														Class I*	Class II	Residential	Indust./Com.
Contaminants of Concern:																	
Volatile Organics (8260B)																	
	Units	**Rep. Limit**															
Benzene	mg/L	Varies**	**5.244**	< 0.002	**0.970**	**0.206**	**2.290**	**1.850**	**0.679**	**0.106**	**0.370**	< 0.00500	----	0.005	0.025	0.11	0.41
Toluene	mg/L	Varies**	0.067	< 0.002	0.008	0.002	0.045	0.0122	0.0052	< 0.00100	0.0024	< 0.00500	----	1.0	2.5	530	530
Ethylbenzene	mg/L	Varies**	**2.170**	< 0.002	0.227	0.051	0.605	**0.446**	0.108	0.0323	0.0626	< 0.00500	----	0.7	1.0	0.37	1.4
Total Xylenes	mg/L	Varies**	4.365	< 0.005	0.160	0.086	0.847	0.19928	< 0.042	0.0188	0.0159	<0.0150	----	10	10	30	93
Methyl-tert-butylether (MTBE)	mg/L	Varies**	N/A	N/A	N/A	N/A	N/A	N/A	N/A	< 0.00100	0.0234	< 0.00500	----	0.07	0.07	1,900	6,800
Semivolatile Organics - PNA (8270C)																	
	Units	**Rep. Limit**															
Acenaphthene	mg/L	Varies**	< 0.018	< 0.018	< 0.018	< 0.018	< 0.018	N/A	N/A	< 0.000100	< 0.00200	< 0.000505	----	0.42	2.1	---	---
Acenaphthylene	mg/L	Varies**	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	N/A	N/A	< 0.000100	< 0.00200	< 0.000505	----	---	---	---	---
Anthracene	mg/L	Varies**	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	N/A	N/A	< 0.000100	< 0.00200	< 0.000505	----	2.1	10.5	---	---
Benzo(a)anthracene	mg/L	Varies**	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	N/A	N/A	< 0.000100	< 0.00010	< 0.000121	----	0.00013	0.00065	---	---
Benzo(a)pyrene	mg/L	Varies**	< 0.00023	< 0.0002	< 0.0002	< 0.0002	< 0.0002	N/A	N/A	< 0.000100	< 0.00018	< 0.000192	----	0.0002	0.002	---	---
Benzo(b)fluoranthene	mg/L	Varies**	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	N/A	N/A	< 0.000100	< 0.00014	< 0.000172	----	0.00018	0.00090	---	---
Benzo(k)fluoranthene	mg/L	Varies**	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	N/A	N/A	< 0.000100	< 0.00013	< 0.000162	----	0.00017	0.00085	---	---
Benzo(ghi)perylene	mg/L	Varies**	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	N/A	N/A	< 0.000100	< 0.00200	< 0.000505	----	---	---	---	---
Chrysene	mg/L	Varies**	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	N/A	N/A	< 0.000100	< 0.00070	< 0.000505	----	0.0015	0.0075	---	---
Dibenzo(a,h)anthracene	mg/L	Varies**	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	N/A	N/A	< 0.000100	< 0.00023	< 0.000293	----	0.0003	0.0015	---	---
Fluoranthene	mg/L	Varies**	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	N/A	N/A	< 0.000100	< 0.00200	< 0.000505	----	0.28	1.4	---	---
Fluorene	mg/L	Varies**	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	N/A	N/A	< 0.000100	< 0.00200	< 0.000505	----	0.28	1.4	---	---
Indeno(1,2,3-cd)pyrene	mg/L	Varies**	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	N/A	N/A	< 0.000100	< 0.00016	< 0.000414	----	0.00043	0.00215	---	---
Naphthalene	mg/L	Varies**	**0.160**	< 0.010	0.032	< 0.010	0.116	0.0431	< 0.0114	0.00105	< 0.00200	< 0.000505	----	0.14	0.22	0.075	0.32
Phenanthrene	mg/L	Varies**	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	N/A	N/A	< 0.000100	< 0.00200	< 0.000505	----	---	---	---	---
Pyrene	mg/L	Varies**	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	N/A	N/A	< 0.000100	< 0.00200	< 0.000505	----	210	1,050	---	---

Date of Sample Collection			MW-4											IEPA TACO Tier 1 Groundwater Remediation Objectives			
			4/2/1998	3/9/2001	11/6/2001	2/14/2002	5/28/2002	11/18/2002	10/2/2003	3/12/2007	9/13/2007	5/6/2011 & 6/3/2011	5/5/2020	Groundwater Ingestion Exposure Route		Table H - Diffusion & Advection Indoor Inhalation Exposure Route	
														Class I*	Class II	Residential	Indust./Com.
Contaminants of Concern:																	
Volatile Organics (8260B)																	
	Units	**Rep. Limit**															
Benzene	mg/L	Varies**	**0.611**	**0.121**	**0.071**	**0.068**	**0.238**	**0.0369**	**0.0765**	**0.0151**	**0.0071**	< 0.00500	< 0.00100	0.005	0.025	0.11	0.41
Toluene	mg/L	Varies**	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00115	0.00052	< 0.00100	< 0.0020	< 0.00500	< 0.00100	1.0	2.5	530	530
Ethylbenzene	mg/L	Varies**	0.134	0.042	0.034	0.040	0.115	0.00927	0.0095	0.0039	< 0.0020	< 0.00500	< 0.00100	0.7	1.0	0.37	1.4
Total Xylenes	mg/L	Varies**	0.301	0.120	0.093	0.077	0.231	0.0262	0.0804	0.0052	< 0.0050	<0.0150	< 0.00200	10	10	30	93
Methyl-tert-butylether (MTBE)	mg/L	Varies**	N/A	N/A	N/A	N/A	N/A	N/A	N/A	< 0.00100	< 0.0020	< 0.00500	N/A	0.07	0.07	1,900	6,800
Semivolatile Organics - PNA (8270C)																	
	Units	**Rep. Limit**															
Acenaphthene	mg/L	Varies**	< 0.018	< 0.018	< 0.018	< 0.018	< 0.018	N/A	N/A	0.000126	< 0.00200	< 0.000505	N/A	0.42	2.1	---	---
Acenaphthylene	mg/L	Varies**	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	N/A	N/A	< 0.000100	< 0.00200	< 0.000505	N/A	---	---	---	---
Anthracene	mg/L	Varies**	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	N/A	N/A	< 0.000100	< 0.00200	< 0.000505	N/A	2.1	10.5	---	---
Benzo(a)anthracene	mg/L	Varies**	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	N/A	N/A	< 0.000100	< 0.00010	< 0.000121	N/A	0.00013	0.00065	---	---
Benzo(a)pyrene	mg/L	Varies**	< 0.00023	< 0.0002	< 0.0002	< 0.0002	< 0.0002	N/A	N/A	< 0.000100	< 0.00018	< 0.000192	N/A	0.0002	0.002	---	---
Benzo(b)fluoranthene	mg/L	Varies**	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	N/A	N/A	< 0.000100	< 0.00014	< 0.000172	N/A	0.00018	0.00090	---	---
Benzo(k)fluoranthene	mg/L	Varies**	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	N/A	N/A	< 0.000100	< 0.00013	< 0.000162	N/A	0.00017	0.00085	---	---
Benzo(ghi)perylene	mg/L	Varies**	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	N/A	N/A	< 0.000100	< 0.00200	< 0.000505	N/A	---	---	---	---
Chrysene	mg/L	Varies**	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	N/A	N/A	< 0.000100	< 0.00070	< 0.000505	N/A	0.0015	0.0075	---	---
Dibenzo(a,h)anthracene	mg/L	Varies**	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	N/A	N/A	< 0.000100	< 0.00023	< 0.000293	N/A	0.0003	0.0015	---	---
Fluoranthene	mg/L	Varies**	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	N/A	N/A	< 0.000100	< 0.00200	< 0.000505	N/A	0.28	1.4	---	---
Fluorene	mg/L	Varies**	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	N/A	N/A	0.000108	< 0.00200	< 0.000505	N/A	0.28	1.4	---	---
Indeno(1,2,3-cd)pyrene	mg/L	Varies**	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	N/A	N/A	< 0.000100	< 0.00016	< 0.000414	N/A	0.00043	0.00215	---	---
Naphthalene	mg/L	Varies**	0.042	0.033	0.017	< 0.010	0.027	0.0128	0.0455	0.00268	< 0.00200	0.00307	N/A	0.14	0.22	0.075	0.32
Phenanthrene	mg/L	Varies**	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	N/A	N/A	< 0.000100	< 0.00200	0.00114	N/A	---	---	---	---
Pyrene	mg/L	Varies**	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	N/A	N/A	< 0.000100	< 0.00200	< 0.000505	N/A	210	1,050	---	---

* The groundwater beneath the site has been classified as Class I - Potable Resource Groundwater.

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.

Note: Analytical testing results for BTEX/MTBE and PNAs are expressed in parts-per-million (ppm) concentrations.

Note: Exceedences of the IEPA TACO Tier 1 GROs in **bold**.

Note: Exceedences of the IEPA TACO Tier 1 Indoor Inhalation GROs in shading.

TABLE II

Summary of Analytical Results - Groundwater

			MW-5								----	----	----	IEPA TACO Tier 1 Groundwater Remediation Objectives			
Date of Sample Collection			3/9/2001	11/6/2001	2/14/2002	5/28/2002	11/18/2002	10/2/2003	3/12/2007	9/13/2007	----	----	----	Groundwater Ingestion Exposure Route		Table H - Diffusion & Advection Indoor Inhalation Exposure Route	
														Class I*	Class II	Residential	Indust./Com.
Contaminants of Concern:																	
Volatile Organics (8260B)																	
	Units	**Rep. Limit**															
Benzene	mg/L	Varies**	< 0.002	< 0.002	< 0.002	< 0.002	< 0.000950	0.00034	< 0.00100	< 0.0020	----	----	----	0.005	0.025	0.11	0.41
Toluene	mg/L	Varies**	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00115	< 0.00115	< 0.00100	< 0.0020	----	----	----	1.0	2.5	530	530
Ethylbenzene	mg/L	Varies**	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00113	0.00054	< 0.00100	< 0.0020	----	----	----	0.7	1.0	0.37	1.4
Total Xylenes	mg/L	Varies**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0042	< 0.0042	< 0.0030	< 0.0050	----	----	----	10	10	30	93
Methyl-tert-butylether (MTBE)	mg/L	Varies**	N/A	N/A	N/A	N/A	N/A	N/A	< 0.00100	< 0.0020	----	----	----	0.07	0.07	1,900	6,800
Semivolatile Organics - PNA (8270C)																	
	Units	**Rep. Limit**															
Acenaphthene	mg/L	Varies**	< 0.018	< 0.018	< 0.018	< 0.018	N/A	N/A	< 0.000100	< 0.00200	----	----	----	0.42	2.1	---	---
Acenaphthylene	mg/L	Varies**	< 0.010	< 0.010	< 0.010	< 0.010	N/A	N/A	< 0.000100	< 0.00200	----	----	----	---	---	---	---
Anthracene	mg/L	Varies**	< 0.0066	< 0.0066	< 0.0066	< 0.0066	N/A	N/A	< 0.000100	< 0.00200	----	----	----	2.1	10.5	---	---
Benzo(a)anthracene	mg/L	Varies**	< 0.00013	< 0.00013	< 0.00013	< 0.00013	N/A	N/A	< 0.000100	< 0.00010	----	----	----	0.00013	0.00065	---	---
Benzo(a)pyrene	mg/L	Varies**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	N/A	N/A	< 0.000100	< 0.00018	----	----	----	0.0002	0.002	---	---
Benzo(b)fluoranthene	mg/L	Varies**	< 0.00018	< 0.00018	< 0.00018	< 0.00018	N/A	N/A	< 0.000100	< 0.00014	----	----	----	0.00018	0.00090	---	---
Benzo(k)fluoranthene	mg/L	Varies**	< 0.00017	< 0.00017	< 0.00017	< 0.00017	N/A	N/A	< 0.000100	< 0.00013	----	----	----	0.00017	0.00085	---	---
Benzo(ghi)perylene	mg/L	Varies**	< 0.00076	< 0.00076	< 0.00076	< 0.00076	N/A	N/A	< 0.000100	< 0.00200	----	----	----	---	---	---	---
Chrysene	mg/L	Varies**	< 0.0015	< 0.0015	< 0.0015	< 0.0015	N/A	N/A	< 0.000100	< 0.00070	----	----	----	0.0015	0.0075	---	---
Dibenzo(a,h)anthracene	mg/L	Varies**	< 0.0003	< 0.0003	< 0.0003	< 0.0003	N/A	N/A	< 0.000100	< 0.00023	----	----	----	0.0003	0.0015	---	---
Fluoranthene	mg/L	Varies**	< 0.0021	< 0.0021	< 0.0021	< 0.0021	N/A	N/A	< 0.000100	< 0.00200	----	----	----	0.28	1.4	---	---
Fluorene	mg/L	Varies**	< 0.0021	< 0.0021	< 0.0021	< 0.0021	N/A	N/A	< 0.000100	< 0.00200	----	----	----	0.28	1.4	---	---
Indeno(1,2,3-cd)pyrene	mg/L	Varies**	< 0.00043	< 0.00043	< 0.00043	< 0.00043	N/A	N/A	< 0.000100	< 0.00016	----	----	----	0.00043	0.00215	---	---
Naphthalene	mg/L	Varies**	< 0.010	< 0.010	< 0.010	< 0.010	0.00150	0.00178	< 0.000100	< 0.00200	----	----	----	0.14	0.22	0.075	0.32
Phenanthrene	mg/L	Varies**	< 0.0064	< 0.0064	< 0.0064	< 0.0064	N/A	N/A	< 0.000100	< 0.00200	----	----	----	---	---	---	---
Pyrene	mg/L	Varies**	< 0.0027	< 0.0027	< 0.0027	< 0.0027	N/A	N/A	< 0.000100	< 0.00200	----	----	----	210	1,050	---	---

			MW-6									----	----	IEPA TACO Tier 1 Groundwater Remediation Objectives			
Date of Sample Collection			3/9/2001	11/6/2001	2/14/2002	5/28/2002	11/18/2002	10/2/2003	3/12/2007	9/13/2007	5/2/2020	----	----	Groundwater Ingestion Exposure Route		Table H - Diffusion & Advection Indoor Inhalation Exposure Route	
														Class I*	Class II	Residential	Indust./Com.
Contaminants of Concern:																	
Volatile Organics (8260B)																	
	Units	**Rep. Limit**															
Benzene	mg/L	Varies**	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00095	< 0.00095	< 0.00100	< 0.0020	< 0.00100	----	----	0.005	0.025	0.11	0.41
Toluene	mg/L	Varies**	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00115	< 0.00115	< 0.00100	< 0.0020	< 0.00100	----	----	1.0	2.5	530	530
Ethylbenzene	mg/L	Varies**	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00113	< 0.00113	< 0.00100	< 0.0020	< 0.00100	----	----	0.7	1.0	0.37	1.4
Total Xylenes	mg/L	Varies**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.0042	< 0.0042	< 0.00300	< 0.0050	< 0.00200	----	----	10	10	30	93
Methyl-tert-butylether (MTBE)	mg/L	Varies**	N/A	N/A	N/A	N/A	N/A	N/A	< 0.00100	< 0.0020	N/A	----	----	0.07	0.07	1,900	6,800
Semivolatile Organics - PNA (8270C)																	
	Units	**Rep. Limit**															
Acenaphthene	mg/L	Varies**	< 0.018	< 0.018	< 0.018	< 0.018	N/A	N/A	< 0.000100	< 0.00200	N/A	----	----	0.42	2.1	---	---
Acenaphthylene	mg/L	Varies**	< 0.010	< 0.010	< 0.010	< 0.010	N/A	N/A	< 0.000100	< 0.00200	N/A	----	----	---	---	---	---
Anthracene	mg/L	Varies**	< 0.0066	< 0.0066	< 0.0066	< 0.0066	N/A	N/A	< 0.000100	< 0.00200	N/A	----	----	2.1	10.5	---	---
Benzo(a)anthracene	mg/L	Varies**	< 0.00013	< 0.00013	< 0.00013	< 0.00013	N/A	N/A	< 0.000100	< 0.00010	N/A	----	----	0.00013	0.00065	---	---
Benzo(a)pyrene	mg/L	Varies**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	N/A	N/A	< 0.000100	< 0.00018	N/A	----	----	0.0002	0.002	---	---
Benzo(b)fluoranthene	mg/L	Varies**	< 0.00018	< 0.00018	< 0.00018	< 0.00018	N/A	N/A	< 0.000100	< 0.00014	N/A	----	----	0.00018	0.00090	---	---
Benzo(k)fluoranthene	mg/L	Varies**	< 0.00017	< 0.00017	< 0.00017	< 0.00017	N/A	N/A	< 0.000100	< 0.00013	N/A	----	----	0.00017	0.00085	---	---
Benzo(ghi)perylene	mg/L	Varies**	< 0.00076	< 0.00076	< 0.00076	< 0.00076	N/A	N/A	< 0.000100	< 0.00200	N/A	----	----	---	---	---	---
Chrysene	mg/L	Varies**	< 0.0015	< 0.0015	< 0.0015	< 0.0015	N/A	N/A	< 0.000100	< 0.00070	N/A	----	----	0.0015	0.0075	---	---
Dibenzo(a,h)anthracene	mg/L	Varies**	< 0.0003	< 0.0003	< 0.0003	< 0.0003	N/A	N/A	< 0.000100	< 0.00023	N/A	----	----	0.0003	0.0015	---	---
Fluoranthene	mg/L	Varies**	< 0.0021	< 0.0021	< 0.0021	< 0.0021	N/A	N/A	< 0.000100	< 0.00200	N/A	----	----	0.28	1.4	---	---
Fluorene	mg/L	Varies**	< 0.0021	< 0.0021	< 0.0021	< 0.0021	N/A	N/A	< 0.000100	< 0.00200	N/A	----	----	0.28	1.4	---	---
Indeno(1,2,3-cd)pyrene	mg/L	Varies**	< 0.00043	< 0.00043	< 0.00043	< 0.00043	N/A	N/A	< 0.000100	< 0.00016	N/A	----	----	0.00043	0.00215	---	---
Naphthalene	mg/L	Varies**	< 0.010	< 0.010	< 0.010	< 0.010	< 0.00114	0.00054	< 0.000100	< 0.00200	N/A	----	----	0.14	0.22	0.075	0.32
Phenanthrene	mg/L	Varies**	< 0.0064	< 0.0064	< 0.0064	< 0.0064	N/A	N/A	< 0.000100	< 0.00200	N/A	----	----	---	---	---	---
Pyrene	mg/L	Varies**	< 0.0027	< 0.0027	< 0.0027	< 0.0027	N/A	N/A	< 0.000100	< 0.00200	N/A	----	----	210	1,050	---	---

* The groundwater beneath the site has been classified as Class I - Potable Resource Groundwater.

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.

Note: Analytical testing results for BTEX/MTBE and PNAs are expressed in parts-per-million (ppm) concentrations.

Note: Exceedences of the IEPA TACO Tier 1 GROs in **bold**.

Note: Exceedences of the IEPA TACO Tier 1 Indoor Inhalation GROs in shading.

TABLE II

Summary of Analytical Results - Groundwater

			MW-7			MW-8					----	----	----	IEPA TACO Tier 1 Groundwater Remediation Objectives			
Date of Sample Collection			3/9/2001	11/6/2001	2/14/2002	3/9/2001	11/6/2001	2/14/2002	5/28/2002	11/18/2002	----	----	----	Groundwater Ingestion Exposure Route		Table H - Diffusion & Advection Indoor Inhalation Exposure Route	
														Class I*	Class II	Residential	Indust./Com.
Contaminants of Concern:																	
Volatile Organics (8260B)																	
	Units	**Rep. Limit**															
Benzene	mg/L	Varies**	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.000950	----	----	----	0.005	0.025	0.11	0.41
Toluene	mg/L	Varies**	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00115	----	----	----	1.0	2.5	530	530
Ethylbenzene	mg/L	Varies**	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00113	----	----	----	0.7	1.0	0.37	1.4
Total Xylenes	mg/L	Varies**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.042	----	----	----	10	10	30	93
Methyl-tert-butylether (MTBE)	mg/L	Varies**	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	----	----	----	0.07	0.07	1,900	6,800
Semivolatile Organics - PNA (8270C)																	
	Units	**Rep. Limit**															
Acenaphthene	mg/L	Varies**	< 0.018	< 0.018	< 0.018	< 0.018	< 0.018	< 0.018	< 0.018	N/A	----	----	----	0.42	2.1	---	---
Acenaphthylene	mg/L	Varies**	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	N/A	----	----	----	---	---	---	---
Anthracene	mg/L	Varies**	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	< 0.0066	N/A	----	----	----	2.1	10.5	---	---
Benzo(a)anthracene	mg/L	Varies**	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	< 0.00013	N/A	----	----	----	0.00013	0.00065	---	---
Benzo(a)pyrene	mg/L	Varies**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	< 0.0002	N/A	----	----	----	0.0002	0.002	---	---
Benzo(b)fluoranthene	mg/L	Varies**	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	< 0.00018	N/A	----	----	----	0.00018	0.00090	---	---
Benzo(k)fluoranthene	mg/L	Varies**	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	< 0.00017	N/A	----	----	----	0.00017	0.00085	---	---
Benzo(ghi)perylene	mg/L	Varies**	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	< 0.00076	N/A	----	----	----	---	---	---	---
Chrysene	mg/L	Varies**	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	< 0.0015	N/A	----	----	----	0.0015	0.0075	---	---
Dibenzo(a,h)anthracene	mg/L	Varies**	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	< 0.0003	N/A	----	----	----	0.0003	0.0015	---	---
Fluoranthene	mg/L	Varies**	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	N/A	----	----	----	0.28	1.4	---	---
Fluorene	mg/L	Varies**	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	< 0.0021	N/A	----	----	----	0.28	1.4	---	---
Indeno(1,2,3-cd)pyrene	mg/L	Varies**	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	< 0.00043	N/A	----	----	----	0.00043	0.00215	---	---
Naphthalene	mg/L	Varies**	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.010	< 0.00114	----	----	----	0.14	0.22	0.075	0.32
Phenanthrene	mg/L	Varies**	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	< 0.0064	N/A	----	----	----	---	---	---	---
Pyrene	mg/L	Varies**	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	< 0.0027	N/A	----	----	----	210	1,050	---	---

			MW-9								----	----	----	IEPA TACO Tier 1 Groundwater Remediation Objectives			
Date of Sample Collection			3/9/2001	11/6/2001	2/14/2002	5/28/2002	11/18/2002	10/2/2003	3/12/2007	9/13/2007	----	----	----	Groundwater Ingestion Exposure Route		Table H - Diffusion & Advection Indoor Inhalation Exposure Route	
														Class I*	Class II	Residential	Indust./Com.
Contaminants of Concern:																	
Volatile Organics (8260B)																	
	Units	**Rep. Limit**															
Benzene	mg/L	Varies**	< 0.002	< 0.002	< 0.002	< 0.002	< 0.000950	< 0.000950	< 0.00100	< 0.0020	----	----	----	0.005	0.025	0.11	0.41
Toluene	mg/L	Varies**	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00115	< 0.00115	< 0.00100	< 0.0020	----	----	----	1.0	2.5	530	530
Ethylbenzene	mg/L	Varies**	< 0.002	< 0.002	< 0.002	< 0.002	< 0.00113	< 0.00113	< 0.00100	< 0.0020	----	----	----	0.7	1.0	0.37	1.4
Total Xylenes	mg/L	Varies**	< 0.005	< 0.005	< 0.005	< 0.005	< 0.042	< 0.042	< 0.0030	< 0.0050	----	----	----	10	10	30	93
Methyl-tert-butylether (MTBE)	mg/L	Varies**	N/A	N/A	N/A	N/A	N/A	N/A	< 0.00100	< 0.0020	----	----	----	0.07	0.07	1,900	6,800
Semivolatile Organics - PNA (8270C)																	
	Units	**Rep. Limit**															
Acenaphthene	mg/L	Varies**	< 0.018	< 0.018	< 0.018	< 0.018	N/A	N/A	< 0.000100	< 0.00200	----	----	----	0.42	2.1	---	---
Acenaphthylene	mg/L	Varies**	< 0.010	< 0.010	< 0.010	< 0.010	N/A	N/A	< 0.000100	< 0.00200	----	----	----	---	---	---	---
Anthracene	mg/L	Varies**	< 0.0066	< 0.0066	< 0.0066	< 0.0066	N/A	N/A	< 0.000100	< 0.00200	----	----	----	2.1	10.5	---	---
Benzo(a)anthracene	mg/L	Varies**	< 0.00013	< 0.00013	< 0.00013	< 0.00013	N/A	N/A	< 0.000100	< 0.00010	----	----	----	0.00013	0.00065	---	---
Benzo(a)pyrene	mg/L	Varies**	< 0.0002	< 0.0002	< 0.0002	< 0.0002	N/A	N/A	< 0.000100	< 0.00018	----	----	----	0.0002	0.002	---	---
Benzo(b)fluoranthene	mg/L	Varies**	< 0.00018	< 0.00018	< 0.00018	< 0.00018	N/A	N/A	< 0.000100	< 0.00014	----	----	----	0.00018	0.00090	---	---
Benzo(k)fluoranthene	mg/L	Varies**	< 0.00017	< 0.00017	< 0.00017	< 0.00017	N/A	N/A	< 0.000100	< 0.00013	----	----	----	0.00017	0.00085	---	---
Benzo(ghi)perylene	mg/L	Varies**	< 0.00076	< 0.00076	< 0.00076	< 0.00076	N/A	N/A	< 0.000100	< 0.00200	----	----	----	---	---	---	---
Chrysene	mg/L	Varies**	< 0.0015	< 0.0015	< 0.0015	< 0.0015	N/A	N/A	< 0.000100	< 0.00070	----	----	----	0.0015	0.0075	---	---
Dibenzo(a,h)anthracene	mg/L	Varies**	< 0.0003	< 0.0003	< 0.0003	< 0.0003	N/A	N/A	< 0.000100	< 0.00023	----	----	----	0.0003	0.0015	---	---
Fluoranthene	mg/L	Varies**	< 0.0021	< 0.0021	< 0.0021	< 0.0021	N/A	N/A	< 0.000100	< 0.00200	----	----	----	0.28	1.4	---	---
Fluorene	mg/L	Varies**	< 0.0021	< 0.0021	< 0.0021	< 0.0021	N/A	N/A	< 0.000100	< 0.00200	----	----	----	0.28	1.4	---	---
Indeno(1,2,3-cd)pyrene	mg/L	Varies**	< 0.00043	< 0.00043	< 0.00043	< 0.00043	N/A	N/A	< 0.000100	< 0.00016	----	----	----	0.00043	0.00215	---	---
Naphthalene	mg/L	Varies**	< 0.010	< 0.010	< 0.010	< 0.010	< 0.00114	< 0.00114	< 0.000100	< 0.00200	----	----	----	0.14	0.22	0.075	0.32
Phenanthrene	mg/L	Varies**	< 0.0064	< 0.0064	< 0.0064	< 0.0064	N/A	N/A	< 0.000100	< 0.00200	----	----	----	---	---	---	---
Pyrene	mg/L	Varies**	< 0.0027	< 0.0027	< 0.0027	< 0.0027	N/A	N/A	< 0.000100	< 0.00200	----	----	----	210	1,050	---	---

* The groundwater beneath the site has been classified as Class I - Potable Resource Groundwater.

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.

Note: Analytical testing results for BTEX/MTBE and PNAs are expressed in parts-per-million (ppm) concentrations.

Note: Exceedences of the IEPA TACO Tier 1 GROs in **bold**.

Note: Exceedences of the IEPA TACO Tier 1 Indoor Inhalation GROs in shading.

TABLE II

Summary of Analytical Results - Groundwater

Date of Sample Collection			MW-10			MW-11		MW-12		MW-13	MW-14	----	----	IEPA TACO Tier 1 Groundwater Remediation Objectives			
			9/13/2007	5/6/2011 & 6/3/2011	5/5/2020	9/13/2007	5/6/2011 & 6/3/2011	9/13/2007	5/6/2011 & 6/3/2011	9/13/2007	9/13/2007	----	----	Groundwater Ingestion Exposure Route		Table H - Diffusion & Advection Indoor Inhalation Exposure Route	
														Class I*	Class II	Residential	Indust./Com.
Contaminants of Concern:																	
Volatile Organics (8260B)																	
	Units	**Rep. Limit**															
Benzene	mg/L	Varies**	**27.6**	**9.44**	**8.01**	**21.8**	**1.97**	**0.0111**	< 0.00500	0.0036	0.0020	----	----	0.005	0.025	0.11	0.41
Toluene	mg/L	Varies**	**20.7**	**12.2**	**1.39**	**5.40**	0.398	0.0175	< 0.00500	0.0020	< 0.0020	----	----	1.0	2.5	530	530
Ethylbenzene	mg/L	Varies**	**3.24**	**1.84**	**2.22**	**4.46**	**3.27**	0.0033	< 0.00500	< 0.0020	< 0.0020	----	----	0.7	1.0	0.37	1.4
Total Xylenes	mg/L	Varies**	**15.9**	**17.3**	**13.6**	**25.2**	10.3	0.0155	< 0.0150	0.0066	< 0.0050	----	----	10	10	30	93
Methyl-tert-butylether (MTBE)	mg/L	Varies**	**2.08**	< 0.0500	N/A	**0.147**	< 0.0500	0.0163	< 0.00500	< 0.0020	< 0.0020	----	----	0.07	0.07	1,900	6,800
Semivolatile Organics - PNA (8270C)																	
	Units	**Rep. Limit**															
Acenaphthene	mg/L	Varies**	< 0.00200	< 0.000505	N/A	< 0.00200	< 0.000500	< 0.00200	< 0.000505	< 0.00200	< 0.00222	----	----	0.42	2.1	---	---
Acenaphthylene	mg/L	Varies**	< 0.00200	< 0.000505	N/A	< 0.00200	< 0.000500	< 0.00200	< 0.000505	< 0.00200	< 0.00222	----	----	---	---	---	---
Anthracene	mg/L	Varies**	< 0.00200	< 0.000505	N/A	< 0.00200	< 0.000500	< 0.00200	< 0.000505	< 0.00200	< 0.00222	----	----	2.1	10.5	---	---
Benzo(a)anthracene	mg/L	Varies**	< 0.00010	< 0.000121	N/A	< 0.00010	< 0.000130	< 0.00010	< 0.000121	< 0.00010	< 0.00011	----	----	0.00013	0.00065	---	---
Benzo(a)pyrene	mg/L	Varies**	< 0.00018	< 0.000192	N/A	< 0.00018	< 0.000200	< 0.00018	< 0.000192	< 0.00018	< 0.00020	----	----	0.0002	0.002	---	---
Benzo(b)fluoranthene	mg/L	Varies**	< 0.00014	< 0.000172	N/A	< 0.00014	< 0.000170	< 0.00014	< 0.000172	< 0.00014	< 0.00016	----	----	0.00018	0.00090	---	---
Benzo(k)fluoranthene	mg/L	Varies**	< 0.00013	< 0.000162	N/A	< 0.00013	< 0.000170	< 0.00013	< 0.000162	< 0.00013	< 0.00014	----	----	0.00017	0.00085	---	---
Benzo(ghi)perylene	mg/L	Varies**	< 0.00200	< 0.000505	N/A	< 0.00200	< 0.000500	< 0.00200	< 0.000505	< 0.00200	< 0.00222	----	----	---	---	---	---
Chrysene	mg/L	Varies**	< 0.00070	< 0.000505	N/A	< 0.00070	< 0.000500	< 0.00070	< 0.000505	< 0.00070	< 0.00078	----	----	0.0015	0.0075	---	---
Dibenzo(a,h)anthracene	mg/L	Varies**	< 0.00023	< 0.000293	N/A	< 0.00023	< 0.000300	< 0.00023	< 0.000293	< 0.00023	< 0.00026	----	----	0.0003	0.0015	---	---
Fluoranthene	mg/L	Varies**	< 0.00200	< 0.000505	N/A	< 0.00200	< 0.000500	< 0.00200	< 0.000505	< 0.00200	< 0.00222	----	----	0.28	1.4	---	---
Fluorene	mg/L	Varies**	< 0.00200	< 0.000505	N/A	< 0.00200	< 0.000500	< 0.00200	< 0.000505	< 0.00200	< 0.0022	----	----	0.28	1.4	---	---
Indeno(1,2,3-cd)pyrene	mg/L	Varies**	< 0.00016	< 0.000414	N/A	< 0.00016	< 0.000410	< 0.00016	< 0.000414	< 0.00016	< 0.00018	----	----	0.00043	0.00215	---	---
Naphthalene	mg/L	Varies**	< 0.00200	**0.417**	N/A	< 0.00200	**0.538**	< 0.00200	< 0.000505	< 0.00200	< 0.00222	----	----	0.14	0.22	0.075	0.32
Phenanthrene	mg/L	Varies**	< 0.00200	0.00114	N/A	< 0.00200	< 0.000500	< 0.00200	< 0.000505	< 0.00200	< 0.00222	----	----	---	---	---	---
Pyrene	mg/L	Varies**	< 0.00200	< 0.000505	N/A	< 0.00200	< 0.000500	< 0.00200	< 0.000505	< 0.00200	< 0.00222	----	----	210	1,050	---	---

Date of Sample Collection			MW-15		MW-16	MW-17	MW-18	MW-19	MW-20	----	----	----	----	IEPA TACO Tier 1 Groundwater Remediation Objectives			
			5/6/2011 & 6/3/2011	5/5/2020	1/4/2022	1/4/2022	1/4/2022	1/4/2022	1/4/2022	----	----	----	----	Groundwater Ingestion Exposure Route		Table H - Diffusion & Advection Indoor Inhalation Exposure Route	
														Class I*	Class II	Residential	Indust./Com.
Contaminants of Concern:																	
Volatile Organics (8260B)																	
	Units	**Rep. Limit**															
Benzene	mg/L	Varies**	**4.07**	**2.83**	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	----	----	----	----	0.005	0.025	0.11	0.41
Toluene	mg/L	Varies**	**5.66**	0.060	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	----	----	----	----	1.0	2.5	530	530
Ethylbenzene	mg/L	Varies**	0.603	0.515	< 0.00500	< 0.00500	< 0.00500	< 0.00500	< 0.00500	----	----	----	----	0.7	1.0	0.37	1.4
Total Xylenes	mg/L	Varies**	2.63	0.946	< 0.0150	< 0.0150	< 0.0150	< 0.0150	< 0.0150	----	----	----	----	10	10	30	93
Methyl-tert-butylether (MTBE)	mg/L	Varies**	< 0.00500	N/A	< 0.00500	< 0.00500	< 0.00500	0.0154	< 0.00500	----	----	----	----	0.07	0.07	1,900	6,800
Semivolatile Organics - PNA (8270C)																	
	Units	**Rep. Limit**															
Acenaphthene	mg/L	Varies**	< 0.000505	N/A	N/A	N/A	N/A	N/A	N/A	----	----	----	----	0.42	2.1	---	---
Acenaphthylene	mg/L	Varies**	< 0.000505	N/A	N/A	N/A	N/A	N/A	N/A	----	----	----	----	---	---	---	---
Anthracene	mg/L	Varies**	< 0.000505	N/A	N/A	N/A	N/A	N/A	N/A	----	----	----	----	2.1	10.5	---	---
Benzo(a)anthracene	mg/L	Varies**	< 0.000121	N/A	N/A	N/A	N/A	N/A	N/A	----	----	----	----	0.00013	0.00065	---	---
Benzo(a)pyrene	mg/L	Varies**	< 0.000192	N/A	N/A	N/A	N/A	N/A	N/A	----	----	----	----	0.0002	0.002	---	---
Benzo(b)fluoranthene	mg/L	Varies**	< 0.000172	N/A	N/A	N/A	N/A	N/A	N/A	----	----	----	----	0.00018	0.00090	---	---
Benzo(k)fluoranthene	mg/L	Varies**	< 0.000162	N/A	N/A	N/A	N/A	N/A	N/A	----	----	----	----	0.00017	0.00085	---	---
Benzo(ghi)perylene	mg/L	Varies**	< 0.000505	N/A	N/A	N/A	N/A	N/A	N/A	----	----	----	----	---	---	---	---
Chrysene	mg/L	Varies**	< 0.000505	N/A	N/A	N/A	N/A	N/A	N/A	----	----	----	----	0.0015	0.0075	---	---
Dibenzo(a,h)anthracene	mg/L	Varies**	< 0.000293	N/A	N/A	N/A	N/A	N/A	N/A	----	----	----	----	0.0003	0.0015	---	---
Fluoranthene	mg/L	Varies**	< 0.000505	N/A	N/A	N/A	N/A	N/A	N/A	----	----	----	----	0.28	1.4	---	---
Fluorene	mg/L	Varies**	< 0.000505	N/A	N/A	N/A	N/A	N/A	N/A	----	----	----	----	0.28	1.4	---	---
Indeno(1,2,3-cd)pyrene	mg/L	Varies**	< 0.000414	N/A	N/A	N/A	N/A	N/A	N/A	----	----	----	----	0.00043	0.00215	---	---
Naphthalene	mg/L	Varies**	0.0463	N/A	N/A	N/A	N/A	N/A	N/A	----	----	----	----	0.14	0.22	0.075	0.32
Phenanthrene	mg/L	Varies**	< 0.000505	N/A	N/A	N/A	N/A	N/A	N/A	----	----	----	----	---	---	---	---
Pyrene	mg/L	Varies**	< 000505	N/A	N/A	N/A	N/A	N/A	N/A	----	----	----	----	210	1,050	---	---

* The groundwater beneath the site has been classified as Class I - Potable Resource Groundwater.

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.

Note: Analytical testing results for BTEX/MTBE and PNAs are expressed in parts-per-million (ppm) concentrations.

Note: Exceedences of the IEPA TACO Tier 1 GROs in **bold**.

Note: Exceedences of the IEPA TACO Tier 1 Indoor Inhalation GROs in shading.

Table III

Summary of Groundwater Monitoring Well Elevation Data

Well Identification	Date Gauged	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet)
MW-1	04/02/98	99.34	5.31	94.03
	03/09/01	99.34	8.54	90.80
	Oxygen Release Compound (ORC) injected in March & April 2001.			
	11/06/01	99.34	13.83	85.51
	02/14/02	99.34	10.15	89.19
	05/28/02	99.34	5.52	93.82
	11/18/02	99.34	14.34	85.00
	ORC injected in area of product line trenches in May 2003.			
	10/02/03	99.34	13.01	86.33
	03/12/07	99.34	10.78	88.56
	09/13/07	99.34	14.94	84.40
	05/06/11	Unable to locate/gauge/sample.		
	05/05/20	Unable to locate/gauge/sample.		
MW-2	04/02/98	97.38	5.19	92.19
	03/09/01	97.38	7.85	89.53
	Oxygen Release Compound (ORC) injected in March & April 2001.			
	11/06/01	97.38	10.92	86.46
	02/14/02	97.38	9.67	87.71
	05/28/02	97.38	6.18	91.20
	11/18/02	97.38	11.79	85.59
	ORC injected in area of product line trenches in May 2003.			
	10/02/03	97.38	11.66	85.72
	03/12/07	97.38	9.15	88.23
	09/13/07	97.38	12.59	84.79
	05/06/11	97.38	8.95	88.43
	05/05/20	Unable to locate/gauge/sample.		
MW-3	04/02/98	97.05	5.62	91.43
	03/09/01	97.05	6.76	90.29
	Oxygen Release Compound (ORC) injected in March & April 2001.			
	11/06/01	97.05	9.53	87.52
	02/14/02	97.05	8.02	89.03
	05/28/02	97.05	5.79	91.26
	11/18/02	97.05	11.01	86.04
	ORC injected in area of product line trenches in May 2003.			
	10/02/03	97.05	10.69	86.36
	03/12/07	97.05	6.30	90.75
	09/13/07	97.05	11.49	85.56
	05/06/11	97.05	6.55	90.50
	05/05/20	Unable to locate/gauge/sample.		

BTOC = Below the top of casing

Table III

Summary of Groundwater Monitoring Well Elevation Data

Well Identification	Date Gauged	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet)
MW-4	04/02/98	99.25	3.42	95.83
	03/09/01	99.25	5.31	93.94
	Oxygen Release Compound (ORC) injected in March & April 2001.			
	11/06/01	99.25	9.72	89.53
	02/14/02	99.25	6.35	92.90
	05/28/02	99.25	4.11	95.14
	11/18/02	99.25	10.65	88.60
	ORC injected in area of product line trenches in May 2003.			
	10/02/03	99.25	10.52	88.73
	03/12/07	99.25	5.18	94.07
	09/13/07	99.25	11.40	87.85
	05/06/11	99.25	5.15	94.10
	05/05/20	Gauging data from CW^3M not available		
MW-5	03/09/01	96.92	8.42	88.50
	Oxygen Release Compound (ORC) injected in March & April 2001.			
	11/06/01	96.92	10.34	86.58
	02/14/02	96.92	7.75	89.17
	05/28/02	96.92	7.32	89.60
	11/18/02	96.92	11.05	85.87
	ORC injected in area of product line trenches in May 2003.			
	10/02/03	96.92	11.29	85.63
	03/12/07	96.92	7.82	89.10
	09/13/07	96.92	11.26	85.66
	05/06/11	Unable to locate/gauge/sample.		
	05/05/20	Unable to locate/gauge/sample.		
MW-6	03/09/01	94.89	9.27	85.62
	Oxygen Release Compound (ORC) injected in March & April 2001.			
	11/06/01	94.89	11.53	83.36
	02/14/02	94.89	10.31	84.58
	05/28/02	94.89	8.31	86.58
	11/18/02	94.89	11.73	83.16
	ORC injected in area of product line trenches in May 2003.			
	10/02/03	94.89	11.32	83.57
	03/12/07	94.89	9.43	85.46
	09/13/07	94.89	11.80	83.09
	05/06/11	Unable to locate/gauge/sample.		
	05/05/20	Gauging data from CW^3M not available		

BTOC = Below the top of casing

Table III

Summary of Groundwater Monitoring Well Elevation Data

Well Identification	Date Gauged	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet)
MW-7	03/09/01	92.80	5.79	87.01
	Oxygen Release Compound (ORC) injected in March & April 2001.			
	11/06/01	92.80	10.95	81.85
	02/14/02	92.80	8.27	84.53
	05/28/02	Area covered by fill material. Unable to locate/gauge/sample.		
	11/18/02	Area covered by fill material. Unable to locate/gauge/sample.		
	10/02/03	Area covered by fill material. Unable to locate/gauge/sample.		
MW-8	03/09/01	96.87	8.09	88.78
	Oxygen Release Compound (ORC) injected in March & April 2001.			
	11/06/01	96.87	11.30	85.57
	02/14/02	96.87	9.77	87.10
	05/28/02	96.87	6.80	90.07
	11/18/02	96.87	12.02	84.85
	10/02/03	Area covered by fill material. Unable to locate/gauge/sample.		
MW-9	03/09/01	100.01	5.86	94.15
	Oxygen Release Compound (ORC) injected in March & April 2001.			
	11/06/01	100.01	11.42	88.59
	02/14/02	100.01	6.82	93.19
	05/28/02	100.01	5.48	94.53
	11/18/02	100.01	11.20	88.81
	ORC injected in area of product line trenches in May 2003.			
	10/02/03	100.01	12.15	87.86
	03/12/07	100.01	6.10	93.91
	09/13/07	100.01	12.99	87.02
	05/06/11	Unable to locate/gauge/sample.		
	05/05/20	Unable to locate/gauge/sample.		
MW-10	09/13/07	98.63	9.25	89.38
	05/06/11	98.63	4.90	93.73
	05/05/20	Gauging data from CW^3M not available		
MW-11	09/13/07	97.91	9.29	88.62
	05/06/11	97.91	5.80	92.11
	05/05/20	Unable to locate/gauge/sample.		
MW-12	09/13/07	97.54	13.89	83.65
	05/06/11	97.54	7.95	89.59
	05/05/20	Unable to locate/gauge/sample.		
MW-13	09/13/07	96.60	15.15	81.45
	05/06/11	Unable to locate/gauge/sample.		
	05/05/20	Unable to locate/gauge/sample.		

BTOC = Below the top of casing

Table III

Summary of Groundwater Monitoring Well Elevation Data

Well Identification	Date Gauged	Top of Casing Elevation (feet)	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet)
MW-14	09/13/07	97.47	12.01	85.46
	05/06/11	Unable to locate/gauge/sample.		
	05/05/20	Unable to locate/gauge/sample.		
MW-15	05/06/11	98.52	2.13	96.39
	05/05/20	Gauging data from CW^3M not available		
MW-16	01/04/22	98.30	10.29	88.01
MW-17	01/04/22	100.97	9.64	91.33
MW-18	01/04/22	97.44	11.02	86.42
MW-19	01/04/22	97.12	14.25	82.87
MW-20	01/04/22	96.87	14.31	82.56

BTOC = Below the top of casing

TABLE IV

Comparison of Tier 1 SRO Exceedences On-Site to Applicable Tier 2 SROs

Sample ID	Depth	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Naphthalene
TACO Tier 2 Soil Component of Groundwater Ingestion SROs for Class I Groundwater			**0.30** ML	**61** ML	**48** IS	**460** IS,Csat	**4.3** ML	**N/E**
TACO Tier 2 Residential Outdoor Inhalation SROs			*6.1* ML	*940* ML,Csat	*400* ML,^	*460* IS,Csat	*N/E*	*N/E*
TACO Tier 2 Industrial / Commercial Outdoor Inhalation SROs			8.6 ML	940 ML,Csat	400 IS,^	460 IS,Csat	N/E	N/E
TACO Tier 2 Construction Worker Outdoor Inhalation SROs			7.4 IS	710 IS	58 IS,^	94 IS	N/E	3.2 IS
TACO Tier 2 Soil Saturation Limit			N/E	940	580	460	N/E	N/A
MW-10	10'	07/09/2007	***7.13***	31.7	13.8	71.8	N/S	*
	14'		***11.1***	33.0	*	60.3	N/S	*
MW-11	10'	07/09/2007	**3.67**	*	*	56.0	*	2.53
	14'		***18.2***	40.4	36.1	164	N/S	5.81
CA-7	4'	05/05/2020	***29.7***	**781**	**172**	***858***	N/S	N/S
	7.5'	05/05/2020	***31.3***	**819**	**185**	***908***	N/S	N/S
	12'	12/21/2021	***14.8***	*	27.0	118	*	N/S
	16'	12/21/2021	***8.91***	*	14.2	65.1	*	N/S
CA-8	4'	05/05/2020	***22.7***	**653**	**146**	***724***	N/S	N/S
	6'	05/05/2020	***24.6***	**764**	**177**	***890***	N/S	N/S
	14'	12/21/2021	**2.94**	*	*	44.9	*	N/S
	18'	12/21/2021	**5.41**	*	*	44.7		N/S
CA-9	4'	05/05/2020	***24.5***	**653**	**142**	***708***	N/S	N/S
	7'	05/05/2020	***23.7***	**674**	**154**	***770***	N/S	N/S
	14'	12/21/2021	**2.30**	*	*	13.8	*	N/S
	18'	12/21/2021	**2.34**	*	*	25.3	*	N/S
CA-10	2.5'	05/05/2020	***23.8***	**629**	**138**	***689***	N/S	N/S
	7.5'	05/05/2020	***18.5***	**574**	**139**	***695***	N/S	N/S
	12'	12/20/2021	***15.0***	26.1	28.8	130	*	N/S
	16'	12/20/2021	**2.01**	*	*	23.5	*	N/S
CA-11	4'	05/05/2020	***13.3***	**348**	**77.5**	384	N/S	N/S
	7'	05/05/2020	***22.9***	**708**	**173**	***862***	N/S	N/S
	14'	12/21/2021	**3.82**	*	*	27.5	*	N/S
	18'	12/21/2021	**4.66**	*	15.4	48.9	*	N/S
CA-12	4'	05/05/2020	***27.5***	**686**	**153**	***759***	N/S	N/S
	7'	05/05/2020	***9.39***	**267**	**64.2**	336	N/S	N/S
CA-13	4'	05/05/2020	***22.4***	**598**	**130**	***649***	N/S	N/S
	7'	05/05/2020	***28.7***	**746**	**166**	***830***	N/S	N/S
	12'	12/20/2021	***7.73***	*	*	32.7	*	N/S
	16'	12/20/2021	**1.48**	*	*	13.3	*	N/S
CA-14	4'	05/05/2020	***17.9***	**474**	**104**	***521***	N/S	N/S
	7.5'	05/05/2020	***29.0***	**756**	**171**	***846***	N/S	N/S
	12'	12/20/2021	***22.3***	40.9	28.7	122	*	N/S
	18'	12/20/2021	***13.1***	*	21.0	82.9	*	N/S
CA-15	4'	05/05/2020	***19.3***	**514**	**113**	***559***	N/S	N/S
	7.5'	05/05/2020	***30.2***	**768**	**137**	***682***	N/S	N/S
	12'	12/20/2021	***13.9***	*	18.0	77.4	*	N/S
	18'	12/20/2021	**3.02**	*	*	*	*	N/S
CA-16	4'	05/05/2020	***26.5***	**705**	**151**	***750***	N/S	N/S
	7.5'	05/05/2020	***14.5***	**397**	**100**	***480***	N/S	N/S
	12'	12/20/2021	**0.740**	*	*	15.5	*	N/S
	16'	12/20/2021	**0.756**	*	14.4	23.3	*	N/S
CA-17	4'	05/05/2020	***14.7***	**384**	**86.6**	430	N/S	N/S
	7.5'	05/05/2020	***13.2***	**407**	**103**	***497***	N/S	N/S
	10'	12/20/2021	***8.22***	*	*	33.2	*	N/S
	18'	12/20/2021	**2.61**	*	*	8.10	*	N/S
CA-18	4'	05/05/2020	***10.4***	**300**	**68.4**	345	N/S	N/S
	7.5'	05/05/2020	***9.87***	**329**	**98.4**	***494***	N/S	N/S
	14'	12/20/2021	***19.5***	*	36.1	173	*	N/S
	18'	12/20/2021	**1.79**	*	*	*	*	N/S

Notes:
Only samples above Tier 1 objectives collected on-site listed in the table.
Sample intervals that were removed or resampled at a later date are not listed in the table.
Analytical testing results for BTEX/MTBE and naphthalene are expressed in parts-per million (ppm) concentrations.

Key:

Bold	Indicates Exceeds TACO Tier 2 Soil Component of Groundwater Ingestion SRO for Class I GW.
Italicized	Indicates Exceeds TACO Tier 2 Residential Outdoor Inhalation SRO.
Underlined	Indicates Exceeds TACO Tier 2 Industrial / Commercial Outdoor Inhalation SRO.
Shaded	Indicates Exceeds TACO Tier 2 Construction Worker Outdoor Inhalation SRO.
Red	Indicates Exceeds TACO Tier 2 Soil Saturation Limit.
*	Sample below Tier 1 SROs for specified contaminant.
^	Calculated Tier 2 Objective was more restrictive than Tier 1, therefore Tier 1 objective was utilized.
Csat	Calculated Tier 2 Objective exceeded soil saturation limit (C_{sat}), therefore appropriate C_{sat} was utilized.
N/E	Specified Exposure Route SRO not exceeded at Tier 1 for on-site samples.
N/S	Soil sample not analyzed for specified analyte.
N/A	Remediation objective not applicable for specified exposure route.
ML	"Mass-Limit" considerations used in development of Tier 2 SRO.
IS	"Infinite Source" considerations used in development of Tier 2 SRO.

TABLE IV

Comparison of Tier 1 SRO Exceedences On-Site to Applicable Tier 2 SROs

Sample ID	Depth	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Naphthalene
TACO Tier 2 Soil Component of Groundwater Ingestion SROs for Class I Groundwater			**0.30** ML	**61** ML	**48** IS	**460** IS,Csat	**4.3** ML	**N/E**
TACO Tier 2 Residential Outdoor Inhalation SROs			*6.1* ML	*940* ML,Csat	*400* ML,^	*460* IS,Csat	*N/E*	*N/E*
TACO Tier 2 Industrial / Commercial Outdoor Inhalation SROs			8.6 ML	940 ML,Csat	400 IS,^	460 IS,Csat	N/E	N/E
TACO Tier 2 Construction Worker Outdoor Inhalation SROs			7.4 IS	710 IS	58 IS,^	94 IS	N/E	3.2 IS
TACO Tier 2 Soil Saturation Limit			N/E	940	580	460	N/E	N/A
CA-19	4'	05/05/2020	***24.0***	**613**	**136**	***679***	N/S	N/S
	7.5'	05/05/2020	***22.0***	**516**	**123**	***610***	N/S	N/S
	14'	12/20/2021	***14.5***	*	23.7	92.6	0.616	N/S
	16'	12/20/2021	***8.18***	*	23.3	62.6	*	N/S
CA-20	4'	05/05/2020	***19.8***	**502**	**111**	***553***	N/S	N/S
	7.5'	05/05/2020	***23.2***	**525**	**125**	***617***	N/S	N/S
	12'	12/20/2021	***26.9***	**54.3**	30.5	148	0.667	N/S
	18'	12/20/2021	***8.68***	13.4	*	34.5	0.673	N/S
CA-21	4'	05/05/2020	**0.978**	*	*	*	N/S	N/S
	7.5'	05/05/2020	***17.9***	**251**	**84.0**	382	N/S	N/S
CA-22	6'	05/05/2020	0.0558	*	*	*	N/S	N/S
CA-23	7.5'	05/05/2020	***16.8***	**390**	**93.9**	460	N/S	N/S
CA-24	7.5'	05/05/2020	***20.1***	**545**	**144**	***742***	N/S	N/S
	14'	12/21/2022	*	*	*	*	*	N/S
	18'	12/20/2021	*	*	*	*	*	N/S
CA-25	4'	05/05/2020	***20.5***	**427**	**104**	***514***	N/S	N/S
	7.5'	05/05/2020	***39.6***	**729**	**190**	***878***	N/S	N/S
	14'	12/20/2021	**0.915**	*	*	*	*	N/S
	18'	12/20/2021	**1.81**	*	*	*	*	N/S
CA-26	4'	05/05/2020	***19.9***	**430**	**105**	***520***	N/S	N/S
CA-27	4'	05/05/2020	***14.3***	**342**	**86.6**	429	N/S	N/S
CA-28	2.5'	12/02/2020	0.284	*	*	*	N/S	N/S
	7.5'	12/02/2020	**0.649**	*	*	*	N/S	N/S
CA-29	4'	12/02/2020	**0.600**	*	*	*	N/S	N/S
	7.5'	12/02/2020	**1.42**	*	*	6.91	N/S	N/S
CA-40	4'	12/02/2020	0.216	*	*	*	N/S	N/S
	7.5'	12/02/2020	**0.597**	*	14.7	14.3	N/S	N/S
CA-41	2.5'	12/02/2020	0.177	*	*	*	N/S	N/S
	7.5'	12/02/2020	0.101	*	*	*	N/S	N/S
CA-42	2.5'	12/02/2020	0.099	*	*	*	N/S	N/S
	7.5'	12/02/2020	0.153	*	*	*	N/S	N/S
CA-43	7'	12/02/2020	0.047	*	*	*	N/S	N/S
SA-1	8'	12/08/2020	***32.2***	**928**	**243**	**1,200**	**< 5.25**	*
SA-2	8'	12/08/2020	***40.5***	***1,130***	**343**	**1,610**	**< 5.42**	*
SA-3	17'	12/09/2020	***43.0***	***1,330***	**355**	**1,780**	**< 9.86**	*
SA-4	17'	12/09/2020	***95.7***	***3,060***	***769***	**3,520**	**< 10.4**	*
SA-5	17'	12/09/2020	***79.9***	***2,090***	***698***	**3,380**	**< 13.6**	*
SA-6	17'	12/09/2020	***43.6***	***1,370***	**347**	**1,730**	**< 11.3**	*
SA-17	13'	12/11/2020	***66.4***	***2,280***	***647***	**3,140**	**< 12.5**	*
SA-18	13'	12/11/2020	***54.7***	***1,690***	***462***	**2,240**	**< 9.72**	*
SB-105	6'	12/20/2021	0.148	*	*	*	*	N/S
	8'	12/20/2021	0.113	*	*	*	*	N/S
SB-106	4'	12/21/2021	0.0446	*	*	*	*	N/S
	6'	12/21/2021	0.0729	*	*	*	*	N/S
SB-107	4'	12/21/2021	0.117	*	*	*	*	N/S
	6'	12/21/2021	0.198	*	*	*	*	N/S
SB-108	2'	12/21/2021	0.136	*	*	*	*	N/S
	6'	12/21/2021	0.131	*	*	*	*	N/S

Notes:
Only samples above Tier 1 objectives collected on-site listed in the table.
Sample intervals that were removed or resampled at a later date are not listed in the table.
Analytical testing results for BTEX/MTBE and naphthalene are expressed in parts-per million (ppm) concentrations.

Key:

Bold	Indicates Exceeds TACO Tier 2 Soil Component of Groundwater Ingestion SRO for Class I GW.
Italicized	Indicates Exceeds TACO Tier 2 Residential Outdoor Inhalation SRO.
Underlined	Indicates Exceeds TACO Tier 2 Industrial / Commercial Outdoor Inhalation SRO.
Shaded	Indicates Exceeds TACO Tier 2 Construction Worker Outdoor Inhalation SRO.
Red	Indicates Exceeds TACO Tier 2 Soil Saturation Limit.
*	Sample below Tier 1 SROs for specified contaminant.
^	Calculated Tier 2 Objective was more restrictive than Tier 1, therefore Tier 1 objective was utilized.
Csat	Calculated Tier 2 Objective exceeded soil saturation limit (C_{sat}), therefore appropriate C_{sat} was utilized.
N/E	Specified Exposure Route SRO not exceeded at Tier 1 for on-site samples.
N/S	Soil sample not analyzed for specified analyte.
N/A	Remediation objective not applicable for specified exposure route.
ML	"Mass-Limit" considerations used in development of Tier 2 SRO.
IS	"Infinite Source" considerations used in development of Tier 2 SRO.

Table V

Comparison of Tier 1 Indoor Inhal. GRO Exceedences On-Site to Applicable Tier 2 Indoor Inhal. GROs

Sample ID	Date Collected	Benzene	Toluene	Ethylbenzene	Total Xylenes	MTBE	Naphthalene
MW-10	5/6 & 6/3/2011	**9.44** [1,2]	12.2	**1.84** [1]	17.3	< 0.0500	**0.417** [1]
	05/05/2020	**8.01** [1,2]	1.39	**2.22** [1,2]	13.6	N/A	N/A
MW-11	5/6 & 6/3/2011	**1.97** [1,2]	0.398	**3.27** [1,2]	10.3	< 0.0500	**0.538** [1]
MW-15	5/6 & 6/3/2011	**4.07** [1,2]	5.66	**0.603** [1]	2.63	< 0.005	0.0463
	05/05/2020	**2.83** [1,2]	0.060	0.515	0.946	N/A	N/A
IEPA TACO Tier 2 GROs ***Diffusion & Advection Indoor Inhalation ER***	**Residential**	**0.16**	**N/E**	**0.52**	**N/E**	**N/E**	**0.27**
	Industrial/ Commercial	**0.59**	**N/E**	**2.0**	**N/E**	**N/E**	**1.0**

Note: Analytical testing results for BTEX/MTBE and naphthalene are expressed in parts-per-million (ppm) concentrations.
Note: Only sample locations above Tier 1 Indoor Inhalation GROs collected on-site listed in the table.
Note: N/E = Specified Exposure Route GRO not exceeded at Tier 1 for on-site samples.
Note: Exceedences of the IEPA TACO Tier 2 Indoor Inhalation GROs for residential properties in **bold**.
Note: Exceedences of the IEPA TACO Tier 2 Indoor Inhalation GROs for industrial/commeral properties in **bold** and shading.

Superscripts:
1-Tier 2 Residential Indoor Inhalation GRO exceeded
2-Tier 2 Industrial/Commercial Indoor Inhalation GRO exceeded

ATTACHMENT 1

Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

Leaking Underground Storage Tank Program
Corrective Action Plan

A. Site Identification

IEMA Incident # (6- or 8-digit): 942157,961540, 991895, 20201063 IEPA LPC# (10-digit): 1671205520

Site Name: Qik-N-EZ

Site Address (Not a P.O. Box): 2800 North Peoria Road

City: Springfield County: Sangamon ZIP Code: 62702

B. Site Information

1. Will the owner or operator seek reimbursement from the Underground Storage Tank Fund? ☑ Yes ○ No
2. If yes, is the budget attached? ☑ Yes ○ No
3. Is this an amended plan? ○ Yes ☑ No
4. Identify the material(s) released: Unleaded Gasoline, Diesel Fuel
5. This Corrective Action Plan is submitted pursuant to:
   - ○ a. 35 Ill. Adm. Code 731.166
   - ○ b. 35 Ill. Adm. Code 732.404
   - ☑ c. 35 Ill. Adm. Code 734.335

C. Proposed Methods of Remediation

1. Soil Soil Remediation; Tier 2 SROs; Institutional Controls
2. Groundwater GW Remediation through Source Soil Removal; Institutional Controls

D. Soil and Groundwater Investigation Results

(for incidents subject to 35 Ill. Adm. Code 731 only or 732 that were classified using Method One or Two, if not previously provided)

Provide the following:

1. Description of investigation activities performed to define the extents of soil and/or groundwater contamination;
2. Analytical results, chain-of-custody forms, and laboratory certifications;
3. Tables comparing analytical results to applicable remediation objectives;

4. Boring logs;
5. Monitoring well logs; and
6. Site maps meeting the requirements of 35 Ill. Adm. Code 732.110(a) or 734.440 and showing:
    a. Soil sample locations;
    b. Monitoring well locations; and
    c. Plumes of soil and groundwater contamination.

E. Technical Information - Corrective Action Plan

Provide the following:

1. Executive summary identifying the objectives of the corrective action plan and the technical approach to be utilized to meet such objectives;
    a. The major components (e.g., treatment, containment, removal) of the corrective action plan;
    b. The scope of the problems to be addressed by the proposed corrective action; and
    c. A schedule for implementation and completion of the plan;
2. Identification of the remediation objectives proposed for the site;
3. A description of the remedial technologies selected:
    a. The feasibility of implementing the remedial technologies;
    b. Whether the remedial technologies will perform satisfactorily and reliably until the remediation objectives are achieved; and
    c. A schedule of when the technologies are expected to achieve the applicable remediation objectives;
4. A confirmation sampling plan that describes how the effectiveness of the corrective action activities will be monitored during their implementation and after their completion;
5. A description of the current and projected future uses of the site;
6. A description of engineered barriers or institutional controls that will be relied upon to achieve remediation objectives:
    a. an assessment of their long-term reliability;
    b. operating and maintenance plans;
    c. maps showing area covered by barriers and institutional controls;
    d. copies of the complete application(s) for planned Highway Authority Agreement(s); and
    e. draft groundwater ordinance(s) and Environmental Land Use Controls.
7. The water supply well survey:
    a. Map(s) showing locations of community water supply wells and other potable wells and the setback zone for each well;
    b. Map(s) showing regulated recharge areas and wellhead protection areas;
    c. Map(s) showing the current extent of groundwater contamination exceeding the most stringent Tier 1 remediation objectives;
    d. Map(s) showing the modeled extent of groundwater contamination exceeding the most stringent Tier 1 remediation objectives;
    e. Tables listing the setback zone for each community water supply well and other potable water supply wells;
    f. A narrative identifying each entity contacted to identify potable water supply wells, the name and title of each person contacted, and any field observations associated with any wells identified; and
    g. A certification from a Licensed Professional Engineer or Licensed Professional Geologist that the survey was conducted in accordance with the requirements and that documentation submitted includes information obtained as a result of the survey (certification of this plan satisfies this requirement);

8. Appendices:
    a. References and data sources report that are organized; and
    b. Field logs, well logs, and reports of laboratory analyses;
9. Site map(s) meeting the requirements of 35 Ill. Adm. Code 732.110(a) or 734.440;
10. Engineering design specifications, diagrams, schematics, calculations, manufacturer's specifications, etc.;
11. A description of bench/pilot studies;
12. Cost comparison between proposed method of remediation and other methods of remediation;
13. For the proposed Tier 2 or 3 remediation objectives, provide the following:
    a. The equations used;
    b. A discussion of how input variables were determined;
    c. Map(s) depicting distances used in equations; and
    d. Calculations; and
14. Provide documentation to demonstrate the following for alternative technologies:
    a. The proposed alternative technology has a substantial likelihood of successfully achieving compliance with all applicable regulations and remediation objectives;
    b. The proposed alternative technology will not adversely affect human health and safety or the environment;
    c. The owner or operator will obtain all Illinois EPA permits necessary to legally authorize use of the alternative technology;
    d. The owner or operator will implement a program to monitor whether the requirements of subsection (14)(a) have been met;
    e. Within one year from the date of Illinois EPA approval, the owner or operator will provide to the Illinois EPA monitoring program results establishing whether the proposed alternative technology will successfully achieve compliance with the requirements of subsection (14)(a); and
    f. Demonstration that the cost of alternative technology will not exceed the cost of conventional technology and is not substantially higher than at least two other alternative technologies, if available and technically feasible.

F. Exposure Pathway Exclusion

Provide the following:

1. A description of the tests to be performed in determining whether the following requirements will be met:
    a. Attenuation capacity of the soil will not be exceeded for any of the organic contaminants;
    b. Soil saturation limit will not be exceeded for any of the organic contaminants;
    c. Contaminated soils do not exhibit any of the reactivity characteristics of hazardous waste per 35 Ill. Adm. Code 721.123;
    d. Contaminated soils do not exhibit a pH $\leq$ 2.0 or $\geq$ 12.5; and
    e. Contaminated soils which contain arsenic, barium, cadmium, chromium, lead, mercury, or selenium (or their associated salts) do not exhibit any of the toxicity characteristics of hazardous waste per 35 Ill. Adm. Code 721.124.
2. A discussion of how any exposure pathways are to be excluded.

G. Signatures

All plans, budgets, and reports must be signed by the owner or operator and list the owner's or operator's full name, address, and telephone number.

UST Owner or Operator

Name Qik N EZ Properties, LLC
Contact Amy Ridley
Address 2026 Republic Street
City Springfield
State IL
Zip Code 62702
Phone 217-523-5050
Signature
Date 3/21/22

Consultant

Company Green Wave Consulting, LLC
Contact Ben Collette
Address 4440 Ash Grove Drive, Suite A
City Springfield
State IL
Zip Code 62711
Phone 217-726-7569 x240
Email benc@greenwavecon.com
Signature for Ben Collette
Date 3/22/22

I certify under penalty of law that all activities that are the subject of this plan were conducted under my supervision or were conducted under the supervision of another Licensed Professional Engineer or Licensed Professional Geologist and reviewed by me; that this plan and all attachments were prepared under my supervision; that, to the best of my knowledge and belief, the work described in this plan has been completed in accordance with the Environmental Protection Act [415 ILCS 5], 35 Ill. Adm. Code 731, 732 or 734, and generally accepted standards and practices of my profession; and that the information presented is accurate and complete. I am aware there are significant penalties for submitting false statements or representations to the Illinois EPA, including but not limited to fines, imprisonment, or both as provided in Sections 44 and 57.17 of the Environmental Protection Act [415 ILCS 5/44 and 57.17].

Licensed Professional Engineer or Geologist

Name Jeff Wienhoff
Company Green Wave Consulting
Address 4440 Ash Grove Drive, Suite A
City Springfield
State IL
Zip Code 62711
Phone 217-726-7569
Ill. Registration No. 062-058441
License Expiration Date Nov 30, 2023
Signature
Date 3/22/22

L.P.E. or L.P.G. Seal

JEFFREY R. WIENHOFF
062-058441
LICENSED
PROFESSIONAL
ENGINEER
OF
ILLINOIS

ATTACHMENT 2

LUST Incident No: 991895	Boring Number: MW-16	Page 1 of 1
Site Name: Qik n EZ - Peoria Rd.	Boring Location: See Map West of MW-3	Date: 12/20/2021 Start 8:00
Address: 2800 N. Peoria Road Springfield, IL 62702		Finish 9:00

Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
			CL	1	Topsoil	M			
			CL	2	Light Brown Silty Clay			<1	MW-16A
		100%	CL	3		M			
			CL	4				<1	
1			CL	5	Some cinders	M			
			CL	6				<1	
			CL	7	Trace brick	M			
		100%	CL	8				<1	MW-16B
			CL	9	Saturation @ 9'	W			
2			CL	10				<1	
			CL	11		W			
			CL	12				<1	
		100%	CL	13		W			
			CL	14				<1	
3			CL	15		M			
				16	End of boring @ 15'				
				17					
				18					
				19					
				20					
				21					
				22					
				23					
				24					
				25					
				26					
				27					

FIVE FOOT MACROCORE

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Date

▼ Depth While Drilling 9'

▽ Depth After Drilling

Auger Depth 15' Rig Track Mount

Rotary Depth _____ Geologist Joe B.

Driller/Co: Mike / B3 Services

Note: 2" Monitoring Well installed in Bore Hole.

Illinois Environmental Protection Agency

IL 532-2275
LPC 501 Dec-96

LUST Incident No: 991895	Boring Number: MW-17	Page 1 of 1
Site Name: Qik n EZ - Peoria Rd.	Boring Location: See Map South of CA-45	Date: 12/20/2021 Start 9:00
Address: 2800 N. Peoria Road Springfield, IL 62702		Finish 10:00

Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
			CL	1	Topsoil	M			
			CL	2	Light Brown Silty Clay			<1	MW-17A
		100%	CL	3		M			
			CL	4				<1	
1			CL	5		M			
			CL	6				<1	
			CL	7		M			
		100%	CL	8				<1	MW-17B
			CL	9	Saturation @ 9'	W			
2			CL	10	Green / Grey Silty Clay			33.8	
			CL	11		W			
			CL	12				3.3	
		100%	CL	13		W			
			CL	14				5.9	
3			CL	15		M			
				16	End of boring @ 15'				
				17					
				18					
				19					
				20					
				21					
				22					
				23					
				24					
				25					
				26					
				27					

FIVE FOOT MACROCORE

Grass

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Date

▼ Depth While Drilling 9'

▽ Depth After Drilling

Auger Depth 15' Rig Track Mount

Rotary Depth _____ Geologist Joe B.

Driller/Co: Mike / B3 Services

Note: 2" Monitoring Well installed in Bore Hole.

Illinois Environmental Protection Agency

IL 532-2275
LPC 501 Dec-96

LUST Incident No: 991895	**Boring Number:** SB-101	**Page** 1 **of** 1
Site Name: Qik n EZ - Peoria Rd.	**Boring Location:** See Map West of MW-4	**Date:** 12/20/2021 **Start** 10:00
Address: 2800 N. Peoria Road Springfield, IL 62702		**Finish** 10:20

Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
			Fill	1	Topsoil	M			
			CL	2	Light Brown Silty Clay			<1	SB-101A
		100%	CL	3		M			
			CL	4				<1	
1			CL	5		M			
			CL	6				<1	
			CL	7		M			SB-101B
		100%	CL	8	Saturation @ 8'	W		<1	
			CL	9		W			
2			CL	10				<1	
	FIVE FOOT MACROCORE			11	End of boring @ 10'				
				12					
				13					
				14					
				15					
				16					
				17					
				18					
				19					
				20					
				21					
				22					
				23					
				24					
				25					
				26					
				27					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Date

▼ Depth While Drilling 8'

▽ Depth After Drilling N/A

Auger Depth 10' Rig Track Mount

Rotary Depth _____ Geologist: Joe B.

Driller/Co: Mike / B3 Services

Note: Boring backfilled with cuttings and bentonite

Illinois Environmental Protection Agency

IL 532-2275
LPC 501 Dec-96

LUST Incident No: 991895	Boring Number: SB-102	Page 1 of 1
Site Name: Qik n EZ - Peoria Rd.	Boring Location: See Map South of CA-28	Date: 12/20/2021 Start 10:20
Address: 2800 N. Peoria Road Springfield, IL 62702		Finish 10:45

Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
			Fill	1	Topsoil	M			
			CL	2	Light Brown Silty Clay			<1	SB-102A
		100%	CL	3		M			
			CL	4				<1	
1			CL	5		M			
			CL	6				<1	
			CL	7		M			SB-102B
		100%	CL	8	Saturation @ 8'	W		<1	
			CL	9		W			
2			CL	10				<1	
				11	End of boring @ 10'				
				12					
				13					
				14					
				15					
				16					
				17					
				18					
				19					
				20					
				21					
				22					
				23					
				24					
				25					
				26					
				27					

FIVE FOOT MACROCORE

Grass

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Date

Depth While Drilling 8'

Depth After Drilling N/A

Auger Depth 10' Rig Track Mount

Rotary Depth _____ Geologist: Joe B.

Driller/Co: Mike / B3 Services

Note: Boring backfilled with cuttings and bentonite

Illinois Environmental Protection Agency

IL 532-2275
LPC 501 Dec-96

LUST Incident No: 991895	Boring Number: SB-103	Page 1 of 1
Site Name: Qik n EZ - Peoria Rd.	Boring Location: See Map South of CA-29	Date: 12/20/2021 Start 10:45
Address: 2800 N. Peoria Road Springfield, IL 62702		Finish 11:15

Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
					Grass				
	FIVE FOOT MACROCORE		Fill	1	Topsoil	M			
			CL	2	Light Brown Silty Clay			<1	SB-103A
		100%	CL	3		M			
			CL	4				<1	
1			CL	5		M			
			CL	6				<1	
			CL	7		M			SB-103B
		100%	CL	8	Saturation @ 8'	W		<1	
			CL	9	Green Silty Clay	W			
2			CL	10				1.3	
				11	End of boring @ 10'				
				12					
				13					
				14					
				15					
				16					
				17					
				18					
				19					
				20					
				21					
				22					
				23					
				24					
				25					
				26					
				27					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Date

▼ Depth While Drilling 8'

▽ Depth After Drilling N/A

Auger Depth 10' Rig Track Mount

Rotary Depth _____ Geologist: Joe B.

Driller/Co: Mike / B3 Services

Note: Boring backfilled with cuttings and bentonite

Illinois Environmental Protection Agency

IL 532-2275
LPC 501 Dec-96

LUST Incident No: 991895	**Boring Number:** SB-104	**Page** 1 **of** 1
Site Name: Qik n EZ - Peoria Rd.	**Boring Location:** See Map North of MW-4	**Date:** 12/20/2021 **Start** 11:15
Address: 2800 N. Peoria Road Springfield, IL 62702		**Finish** 11:40

Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
			Fill	1	Asphalt Rock Subbase	M			
			CL	2	Light Brown Silty Clay			<1	SB-104A
		100%	CL	3		M			
			CL	4				<1	
1	FIVE FOOT MACROCORE		CL	5		M			
			CL	6				<1	
			CL	7		M			SB-104B
		100%	CL	8	Saturation @ 8'	W		<1	
			CL	9	Green Silty Clay	W			
2			CL	10				<1	
				11	End of boring @ 10'				
				12					
				13					
				14					
				15					
				16					
				17					
				18					
				19					
				20					
				21					
				22					
				23					
				24					
				25					
				26					
				27					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Date

▼ Depth While Drilling 8'

▽ Depth After Drilling N/A

Auger Depth 10' Rig Track Mount

Rotary Depth _____ Geologist: Joe B.

Driller/Co: Mike / B3 Services

Note: Boring backfilled with cuttings and bentonite

Illinois Environmental Protection Agency

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LUST Incident No: 991895	**Boring Number:** SB-105	**Page** 1 **of** 1
Site Name: Qik n EZ - Peoria Rd.	**Boring Location:** See Map West of CA-10	**Date:** 12/20/2021 **Start** 11:40
Address: 2800 N. Peoria Road Springfield, IL 62702		**Finish** 12:00

Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
					Asphalt				
	FIVE FOOT MACROCORE		Fill	1	Rock Subbase	M			
			CL	2	Light Brown Silty Clay			33.8	
		100%	CL	3	Green Silty Clay	M			
			CL	4				49.0	SB-105A
1			CL	5		M			
			CL	6				65.2	SB-105B
			CL	7		M			
		100%	CL	8	Saturation @ 8'	W		44.6	
			CL	9		W			
2			CL	10				3	
				11	End of boring @ 10'				
				12					
				13					
				14					
				15					
				16					
				17					
				18					
				19					
				20					
				21					
				22					
				23					
				24					
				25					
				26					
				27					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Date

▼ Depth While Drilling 8'

▽ Depth After Drilling N/A

Auger Depth 10' Rig Track Mount

Rotary Depth _____ Geologist: Joe B.

Driller/Co: Mike / B3 Services

Note: Boring backfilled with cuttings and bentonite

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LUST Incident No: 991895	Boring Number: CA-10	Page 1 of 1
Site Name: Qik n EZ - Peoria Rd.	Boring Location: See Map	Date: 12/20/2021 Start 12:00
Address: 2800 N. Peoria Road Springfield, IL 62702	Previous CA-10 Location	Finish 12:30

Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
					Ashphalt				
			Fill	1	Rock Subbase	D			
			CL	2	Brown /Grey Silty Clay			45.6	
		100%	CL	3		M			
			CL	4				12.3	
1			CL	5		M			
			CL	6				122.8	
			CL	7		M			
		95%	CL	8	Saturation @ 8'	W		391	
			CL	9		W			
2			CL	10	Green Silty Clay			88.7	
			CL	11	Petro Odor	W			
			CL	12				440.6	CA-10 C
		95%	CL	13		W			
			CL	14				53.6	
3			CL	15		M			
			CL	16				239.9	CA-10 D
			CL	17		M			
		100%	CL	18				194.6	
			CL	19		M			
4			CL	20				15	
				21	End of boring @ 20'				
				22					
				23					
				24					
				25					
				26					
				27					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Date	Auger Depth 20' Rig Track Mount	
▼ Depth While Drilling 8'	Rotary Depth _____ Geologist: Joe B.	Illinois Environmental Protection Agency
▽ Depth After Drilling N/A	Driller/Co: Mike / B3 Services	
	Note: Boring backfilled with cuttings and bentonite	

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LUST Incident No: 991895	**Boring Number:** CA-20	**Page** 1 **of** 1
Site Name: Qik n EZ - Peoria Rd.	**Boring Location:** See Map	**Date:** 12/20/2021 **Start** 12:30
Address: 2800 N. Peoria Road Springfield, IL 62702	Previous CA-20 Location	**Finish** 1:00

Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
					Ashphalt				
			Fill	1	Rock Subbase	D			
			CL	2	Brown /Grey Silty Clay			7.4	
		100%	CL	3		M			
			CL	4				36.1	
1			CL	5		M			
			CL	6				288.2	
			CL	7		M			
		100%	CL	8	Saturation @ 8'	W		506.6	
			CL	9		W			
2			CL	10	Green Silty Clay			279	
			CL	11	Petro Odor	W			
			CL	12				1,014	CA-20 C
		100%	CL	13		W			
			CL	14				510.4	
3			CL	15		M			
			CL	16				487.2	
			CL	17		M			
		100%	CL	18				870.4	CA-20 D
			CL	19		M			
4			CL	20				100.2	
				21	End of boring @ 20'				
				22					
				23					
				24					
				25					
				26					
				27					

FIVE FOOT MACROCORE

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Date ▼ Depth While Drilling 8'	Auger Depth 20' Rig Track Mount Rotary Depth _____ Geologist: Joe B. Driller/Co: Mike / B3 Services	Illinois Environmental Protection Agency
▽ Depth After Drilling N/A	Note: Boring backfilled with cuttings and bentonite	

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LUST Incident No: 991895	Boring Number: CA-19	Page 1 of 1
Site Name: Qik n EZ - Peoria Rd.	Boring Location: See Map	Date: 12/20/2021 Start 1:00
	Previous CA-19 Location	
Address: 2800 N. Peoria Road		
Springfield, IL 62702		Finish 1:30

Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
					Concrete				
			Fill	1	Rock Subbase	D			
			CL	2	Brown /Grey Silty Clay			40	
		100%	CL	3		M			
			CL	4				55.3	
1			CL	5		M			
			CL	6				111.3	
			CL	7		M			
		100%	CL	8	Saturation @ 8'	W		687.1	
			CL	9		W			
2			CL	10	Green Silty Clay			847	
			CL	11	Petro Odor	W			
			CL	12				438	
		100%	CL	13		W			
			CL	14				864	CA-19 C
3			CL	15		M			
			CL	16				447	CA-19 C
			CL	17		M			
		100%	CL	18				185.4	
			CL	19		M			
4			CL	20				36.7	
				21	End of boring @ 20'				
				22					
				23					
				24					
				25					
				26					
				27					

FIVE FOOT MACROCORE

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Date	Auger Depth 20' Rig Track Mount	
▼ Depth While Drilling 8'	Rotary Depth _____ Geologist: Joe B.	Illinois Environmental Protection Agency
	Driller/Co: Mike / B3 Services	
▽ Depth After Drilling N/A	Note: Boring backfilled with cuttings and bentonite	

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LUST Incident No: 991895	**Boring Number:** CA-18	**Page** 1 **of** 1
Site Name: Qik n EZ - Peoria Rd.	**Boring Location:** See Map	**Date:** 12/20/2021 **Start** 1:30
Address: 2800 N. Peoria Road Springfield, IL 62702	Previous CA-18 Location	**Finish** 2:00

Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
					Concrete				
	FIVE FOOT MACROCORE		Fill	1	Rock Subbase	D			
			CL	2	Brown /Grey Silty Clay			25	
		100%	CL	3		M			
			CL	4				39.6	
1			CL	5		M			
			CL	6				200	
			CL	7		M			
		100%	CL	8	Saturation @ 8'	W		437.9	
			CL	9		W			
2			CL	10	Green Silty Clay			504.7	
			CL	11	Petro Odor	W			
			CL	12				157	
		100%	CL	13		W			
			CL	14				513.6	CA-18C
3			CL	15		M			
			CL	16				287	
			CL	17		M			
		100%	CL	18				527.5	CA-18 D
			CL	19		M			
4			CL	20				16.7	
				21	End of boring @ 20'				
				22					
				23					
				24					
				25					
				26					
				27					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Date

▼ Depth While Drilling 8'

▽ Depth After Drilling N/A

Auger Depth 20' Rig Track Mount

Rotary Depth _____ Geologist: Joe B.

Driller/Co: Mike / B3 Services

Note: Boring backfilled with cuttings and bentonite

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LUST Incident No: 991895	Boring Number: CA-17	Page 1 of 1
Site Name: Qik n EZ - Peoria Rd.	Boring Location: See Map	Date: 12/20/2021 Start 2:00
Address: 2800 N. Peoria Road Springfield, IL 62702	Previous CA-17 Location	Finish 2:30

Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
					Concrete				
			Fill	1	Rock Subbase	D			
			CL	2	Brown /Grey Silty Clay			42.4	
		100%	CL	3		M			
			CL	4				93	
1			CL	5		M			
			CL	6				147.7	
			CL	7		M			
		100%	CL	8	Saturation @ 8'	W		382.1	
			CL	9		W			
2			CL	10	Green Silty Clay			775	CA-17C
			CL	11		W			
			CL	12				648	
		100%	CL	13		W			
			CL	14				116.3	
3			CL	15		M			
			CL	16				139.8	
			CL	17		M			
		100%	CL	18				335.7	CA-17 D
			CL	19		M			
4			CL	20	Some Pebbles			8.8	
				21	End of boring @ 20'				
				22					
				23					
				24					
				25					
				26					
				27					

FIVE FOOT MACROCORE

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Date

▼ Depth While Drilling 8'

▽ Depth After Drilling N/A

Auger Depth 20' Rig Track Mount

Rotary Depth _____ Geologist: Joe B.

Driller/Co: Mike / B3 Services

Note: Boring backfilled with cuttings and bentonite

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LUST Incident No: 991895					**Boring Number:** CA-16			**Page** 1 **of** 1	
Site Name: Qik n EZ - Peoria Rd.					**Boring Location:** See Map Previous CA-16 Location			**Date:** 12/20/2021 **Start** 2:30	
Address: 2800 N. Peoria Road Springfield, IL 62702								**Finish** 3:15	
Sample Number	**Sample Device**	**Sample Recovery**	**Lithology Symbol**	**Depth (feet)**	**Detailed Soil and Rock Description** Concrete	**Natural Moisture Content %**	**Hand Penetrometer Qu**	**OVA/PID/FID/OVM**	**Remarks**
	FIVE FOOT MACROCORE		Fill	1	Rock Subbase	D			
			CL	2	Brown /Grey Silty Clay			55.3	
		100%	CL	3		M			
			CL	4				111.6	
1			CL	5		M			
			CL	6				202.4	
			CL	7		M			
		100%	CL	8	Saturation @ 8'	W		515.3	
			CL	9		W			
2			CL	10	Green Silty Clay			245	
			CL	11		W			
			CL	12				1,443	CA-16C
		100%	CL	13		W			
			CL	14				728	
3			CL	15		M			
			CL	16				619.6	CA-16 D
			CL	17		M			
		100%	CL	18				87.4	
			CL	19		M			
4			CL	20	Some Pebbles			28.5	
				21	End of boring @ 20'				
				22					
				23					
				24					
				25					
				26					
				27					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Date

▼ Depth While Drilling 8'

▽ Depth After Drilling N/A

Auger Depth 20' Rig Track Mount

Rotary Depth _____ Geologist: Joe B.

Driller/Co: Mike / B3 Services

Note: Boring backfilled with cuttings and bentonite

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LUST Incident No: 991895	Boring Number: CA-15	Page 1 of 1
Site Name: Qik n EZ - Peoria Rd.	Boring Location: See Map	Date: 12/20/2021 Start 3:15
Address: 2800 N. Peoria Road Springfield, IL 62702	Previous CA-15 Location	Finish 3:45

Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
					Concrete				
			Fill	1	Rock Subbase	D			
			CL	2	Brown /Grey Silty Clay			20.3	
		100%	CL	3		M			
			CL	4				70.3	
1			CL	5		M			
			CL	6				389.6	
			CL	7		M			
		100%	CL	8	Saturation @ 8'	W		699.5	
			CL	9		W			
2			CL	10	Green Silty Clay			835.2	
			CL	11		W			
			CL	12				1,133	CA-15 C
		100%	CL	13		W			
			CL	14				314	
3			CL	15		M			
			CL	16				556.7	
			CL	17		M			
		100%	CL	18				1,044	CA-15 D
			CL	19		M			
4			CL	20	Some Pebbles			23.8	
				21	End of boring @ 20'				
				22					
				23					
				24					
				25					
				26					
				27					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Date	Auger Depth 20' Rig Track Mount	
▼ Depth While Drilling 8'	Rotary Depth _____ Geologist: Joe B.	Illinois Environmental Protection Agency
	Driller/Co: Mike / B3 Services	
▽ Depth After Drilling N/A	Note: Boring backfilled with cuttings and bentonite	

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LUST Incident No: 991895	Boring Number: CA-14	Page 1 of 1
Site Name: Qik n EZ - Peoria Rd.	Boring Location: See Map	Date: 12/20/2021 Start 3:45
Address: 2800 N. Peoria Road Springfield, IL 62702	Previous CA-14 Location	Finish 4:15

Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
					Concrete				
			Fill	1	Rock Subbase	D			
			CL	2	Brown /Grey Silty Clay			44.2	
		100%	CL	3		M			
			CL	4				108.7	
1			CL	5		M			
			CL	6				343.8	
			CL	7		M			
		100%	CL	8	Saturation @ 8'	W		799.4	
			CL	9		W			
2			CL	10	Green Silty Clay			998.4	
			CL	11		W			
			CL	12				1,973	CA-14 C
		100%	CL	13		W			
			CL	14				690.5	
3			CL	15		M			
			CL	16				775	
			CL	17		M			
		100%	CL	18				1,021	CA-14 D
			CL	19		M			
4			CL	20	Some Pebbles			52.2	
				21	End of boring @ 20'				
				22					
				23					
				24					
				25					
				26					
				27					

FIVE FOOT MACROCORE

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Date

▼ Depth While Drilling 8'

▽ Depth After Drilling N/A

Auger Depth 20' Rig Track Mount

Rotary Depth _____ Geologist: Joe B.

Driller/Co: Mike / B3 Services

Note: Boring backfilled with cuttings and bentonite

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LUST Incident No: 991895	Boring Number: CA-13	Page 1 of 1
Site Name: Qik n EZ - Peoria Rd.	Boring Location: See Map	Date: 12/20/2021 Start 4:15
Address: 2800 N. Peoria Road	Previous CA-13 Location	
Springfield, IL 62702		Finish 4:40

Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
					Concrete				
			Fill	1	Rock Subbase	D			
			CL	2	Brown /Grey Silty Clay			22	
		100%	CL	3		M			
			CL	4				47.8	
1			CL	5		M			
			CL	6				322.5	
			CL	7		M			
		100%	CL	8	Saturation @ 8'	W		474	
			CL	9		W			
2			CL	10	Green Silty Clay			154.3	
			CL	11		W			
			CL	12				677	CA-13 C
		100%	CL	13		W			
			CL	14				209.2	
3			CL	15		M			
			CL	16				230.5	CA-13 D
			CL	17		M			
		100%	CL	18				198	
			CL	19		M			
4			CL	20	Some Pebbles			25.2	
				21	End of boring @ 20'				
				22					
				23					
				24					
				25					
				26					
				27					

FIVE FOOT MACROCORE

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Date	Auger Depth 20' Rig Track Mount	
▼ Depth While Drilling 8'	Rotary Depth ____ Geologist: Joe B.	Illinois Environmental Protection Agency
▽ Depth After Drilling N/A	Driller/Co: Mike / B3 Services	
	Note: Boring backfilled with cuttings and bentonite	

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LUST Incident No: 991895	Boring Number: CA-11	Page 1 of 1
Site Name: Qik n EZ - Peoria Rd.	Boring Location: See Map Previous CA-11 Location	Date: 12/21/2021 Start 8:00
Address: 2800 N. Peoria Road Springfield, IL 62702		Finish 8:35

Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
			Fill	1	Concrete Rock Subbase	D			
			CL	2	Brown /Grey Silty Clay			36.4	
		100%	CL	3		M			
			CL	4				77.2	
1			CL	5		M			
			CL	6				174.2	
			CL	7		M			
		100%	CL	8	Saturation @ 8'	W		335.9	
			CL	9		W			
2			CL	10	Green Silty Clay			112	
			CL	11		W			
			CL	12				140	
		100%	CL	13		W			
			CL	14				224.7	CA-11 C
3			CL	15		M			
			CL	16				188.9	
			CL	17		M			
		100%	CL	18				1,616	CA-11 D
			CL	19		M			
4			CL	20	Some Pebbles			115	
				21	End of boring @ 20'				
				22					
				23					
				24					
				25					
				26					
				27					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Date

▼ Depth While Drilling 8'

▽ Depth After Drilling N/A

Auger Depth 20' Rig Track Mount

Rotary Depth _____ Geologist: Joe B.

Driller/Co: Mike / B3 Services

Note: Boring backfilled with cuttings and bentonite

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LUST Incident No: 991895	Boring Number: CA-9	Page 1 of 1
Site Name: Qik n EZ - Peoria Rd.	Boring Location: See Map	Date: 12/21/2021 Start 8:35
Address: 2800 N. Peoria Road Springfield, IL 62702	Previous CA-9 Location	Finish 9:00

Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
					Concrete				
			Fill	1	Rock Subbase	D			
			CL	2	Brown /Grey Silty Clay			<1	
		100%	CL	3		M			
			CL	4				48.6	
1			CL	5		M			
			CL	6				88	
			CL	7		M			
		100%	CL	8	Saturation @ 8'	W		499.7	
			CL	9		W			
2			CL	10	Green Silty Clay			99.7	
			CL	11		W			
			CL	12				128	
		100%	CL	13		W			
			CL	14				218	CA-9 C
3			CL	15		M			
			CL	16				193.6	
			CL	17		M			
		100%	CL	18				1,387	CA-9 D
			CL	19		M			
4			CL	20	Some Pebbles			103.7	
				21	End of boring @ 20'				
				22					
				23					
				24					
				25					
				26					
				27					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Date	Auger Depth 20' Rig Track Mount	
▼ Depth While Drilling 8'	Rotary Depth _____ Geologist: Joe B.	Illinois Environmental Protection Agency
▽ Depth After Drilling N/A	Driller/Co: Mike / B3 Services	
	Note: Boring backfilled with cuttings and bentonite	

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LUST Incident No: 991895	Boring Number: CA-8	Page 1 of 1
Site Name: Qik n EZ - Peoria Rd.	Boring Location: See Map Previous CA-8 Location	Date: 12/21/2021 Start 9:00
Address: 2800 N. Peoria Road Springfield, IL 62702		Finish 9:45

Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
					Asphalt				
			Fill	1	Rock Subbase	D			
			CL	2	Brown /Grey Silty Clay			<1	
		100%	CL	3		M			
			CL	4				<1	
1			CL	5		M			
			CL	6				2.6	
			CL	7		M			
		100%	CL	8	Saturation @ 8'	W		11.4	
			CL	9		W			
2			CL	10	Green Silty Clay			81.8	
			CL	11		W			
			CL	12				368.8	
		100%	CL	13		W			
			CL	14				1,704	CA-8 C
3			CL	15		M			
			CL	16				213.8	
			CL	17		M			
		100%	CL	18				366	CA-8 D
			CL	19		M			
4			CL	20	Some Pebbles			291.7	
				21	End of boring @ 20'				
				22					
				23					
				24					
				25					
				26					
				27					

FIVE FOOT MACROCORE

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Date	Auger Depth 20' Rig Track Mount	
▼ Depth While Drilling 8'	Rotary Depth ____ Geologist: Joe B.	Illinois Environmental Protection Agency
▽ Depth After Drilling N/A	Driller/Co: Mike / B3 Services	
	Note: Boring backfilled with cuttings and bentonite	

IL 532-2275
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LUST Incident No: 991895	Boring Number: CA-7	Page 1 of 1
Site Name: Qik n EZ - Peoria Rd.	Boring Location: See Map	Date: 12/21/2021 Start 9:45
Address: 2800 N. Peoria Road Springfield, IL 62702	Previous CA-7 Location	Finish 10:15

Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
					Asphalt				
			Fill	1	Rock Subbase	D			
			CL	2	Brown /Grey Silty Clay			1.3	
		100%	CL	3		M			
			CL	4				5.1	
1			CL	5		M			
			CL	6				55.4	
			CL	7		M			
		100%	CL	8	Saturation @ 8'	W		466.7	
			CL	9		W			
2			CL	10	Green Silty Clay			964.5	
			CL	11		W			
			CL	12				1,209	CA-7 C
		100%	CL	13		W			
			CL	14				326.3	
3			CL	15		M			
			CL	16				267.5	CA-7 D
			CL	17		M			
		100%	CL	18				238	
			CL	19		M			
4			CL	20	Some Pebbles			21.1	
				21	End of boring @ 20'				
				22					
				23					
				24					
				25					
				26					
				27					

FIVE FOOT MACROCORE

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Date	Auger Depth 20' Rig Track Mount	
▼ Depth While Drilling 8'	Rotary Depth _____ Geologist: Joe B.	Illinois Environmental Protection Agency
▽ Depth After Drilling N/A	Driller/Co: Mike / B3 Services	
	Note: Boring backfilled with cuttings and bentonite	

IL 532-2275
LPC 501 Dec-96

LUST Incident No: 991895	Boring Number: CA-25	Page 1 of 1
Site Name: Qik n EZ - Peoria Rd.	Boring Location: See Map Previous CA-25 Location	Date: 12/21/2021 Start 10:15
Address: 2800 N. Peoria Road Springfield, IL 62702		Finish 11:00

Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
					Concrete				
			Fill	1	Rock Subbase	D			
			CL	2	Brown /Grey Silty Clay			41.6	
		100%	CL	3		M			
			CL	4				66.4	
1			CL	5		M			
			CL	6				289.6	
			CL	7		M			
		100%	CL	8	Saturation @ 8'	W		390.1	
			CL	9		W			
2			CL	10	Green Silty Clay			30.5	
			CL	11		W			
			CL	12				386.4	
		100%	CL	13		W			
			CL	14				1,020	CA-25 C
3			CL	15		M			
			CL	16				91.8	
			CL	17		M			
		100%	CL	18				763.3	CA-25 D
			CL	19		M			
4			CL	20	Some Pebbles			61.2	
				21	End of boring @ 20'				
				22					
				23					
				24					
				25					
				26					
				27					

FIVE FOOT MACROCORE

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Date

▼ Depth While Drilling 8'

▽ Depth After Drilling N/A

Auger Depth 20' Rig Track Mount

Rotary Depth _____ Geologist: Joe B.

Driller/Co: Mike / B3 Services

Note: Boring backfilled with cuttings and bentonite

Illinois Environmental Protection Agency

IL 532-2275
LPC 501 Dec-96

LUST Incident No: 991895	Boring Number: CA-24	Page 1 of 1
Site Name: Qik n EZ - Peoria Rd.	Boring Location: See Map Previous CA-24 Location	Date: 12/21/2021 Start 11:00
Address: 2800 N. Peoria Road Springfield, IL 62702		Finish 11:30

Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description Rock	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
	FIVE FOOT MACROCORE		CL	1	Light Brown Silty Clay	D			
			CL	2				25.8	
		100%	CL	3		M			
			CL	4				33.4	
1			CL	5		M			
			CL	6				19.4	
			CL	7		M			
		100%	CL	8	Saturation @ 8'	W		8.8	
			CL	9		W			
2			CL	10				1.4	
			CL	11		W			
			CL	12				<1	
		100%	CL	13		W			
			CL	14				<1	CA-25 C
3			CL	15		M			
			CL	16				<1	
			CL	17		M			
		100%	CL	18				<1	CA-25 D
			CL	19		M			
4			CL	20	Some Pebbles			<1	
				21	End of boring @ 20'				
				22					
				23					
				24					
				25					
				26					
				27					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Date

▼ Depth While Drilling 8'

▽ Depth After Drilling N/A

Auger Depth 20' Rig Track Mount

Rotary Depth _____ Geologist: Joe B.

Driller/Co: Mike / B3 Services

Note: Boring backfilled with cuttings and bentonite

Illinois Environmental Protection Agency

IL 532-2275
LPC 501 Dec-96

LUST Incident No: 991895	Boring Number: SB-106	Page 1 of 1
Site Name: Qik n EZ - Peoria Rd.	Boring Location: See Map North of CA-40	Date: 12/21/2021 Start 11:30
Address: 2800 N. Peoria Road Springfield, IL 62702		Finish 12:15

Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
					Asphalt				
	FIVE FOOT MACROCORE		Fill	1	Rock Subbase	M			
			CL	2	Light Brown Silty Clay			<1	
		100%	CL	3		M			
			CL	4				.3	SB-106 A
1			CL	5		M			
			CL	6				6.8	SB-106 B
			CL	7	Green Silty Clay	M			
		100%	CL	8	Saturation @ 8'	W		2.2	
			CL	9		W			
2			CL	10				45.7	
				11	End of boring @ 10'				
				12					
				13					
				14					
				15					
				16					
				17					
				18					
				19					
				20					
				21					
				22					
				23					
				24					
				25					
				26					
				27					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Date

▼ Depth While Drilling 8'

▽ Depth After Drilling N/A

Auger Depth 10' Rig Track Mount

Rotary Depth _____ Geologist: Joe B.

Driller/Co: Mike / B3 Services

Note: Boring backfilled with cuttings and bentonite

Illinois Environmental Protection Agency

IL 532-2275
LPC 501 Dec-96

LUST Incident No: 991895	Boring Number: SB-107	Page 1 of 1
Site Name: Qik n EZ - Peoria Rd.	Boring Location: See Map North of CA-41	Date: 12/21/2021 Start 12:15
Address: 2800 N. Peoria Road Springfield, IL 62702		Finish 12:45

Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
			Fill	1	Rock Subbase	M			
			CL	2	Light Brown Silty Clay			3.2	
		100%	CL	3		M			
			CL	4	Green Silty Clay			8	SB-107 A
1			CL	5		M			
			CL	6				26.8	SB-107 B
			CL	7		M			
		100%	CL	8	Saturation @ 8'	W		40.3	
			CL	9		W			
2			CL	10				62.1	
	FIVE FOOT MACROCORE			11	End of boring @ 10'				
				12					
				13					
				14					
				15					
				16					
				17					
				18					
				19					
				20					
				21					
				22					
				23					
				24					
				25					
				26					
				27					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Asphalt

Groundwater Date

▼ Depth While Drilling 8'

▽ Depth After Drilling N/A

Auger Depth 10' Rig Track Mount

Rotary Depth _____ Geologist: Joe B.

Driller/Co: Mike / B3 Services

Note: Boring backfilled with cuttings and bentonite

Illinois Environmental Protection Agency

IL 532-2275
LPC 501 Dec-96

LUST Incident No: 991895	**Boring Number:** SB-108	**Page** 1 **of** 1
Site Name: Qik n EZ - Peoria Rd.	**Boring Location:** See Map North of CA-42	**Date:** 12/21/2021 **Start** 12:45
Address: 2800 N. Peoria Road Springfield, IL 62702		**Finish** 1:20

Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
					Asphalt				
	FIVE FOOT MACROCORE		Fill	1	Rock Subbase	M			
			CL	2	Light Brown Silty Clay			27.4	SB-108 A
		100%	CL	3		M			
			CL	4	Green Silty Clay			11	
1			CL	5		M			
			CL	6				26.5	SB-108 B
			CL	7		M			
		100%	CL	8	Saturation @ 8'	W		48.9	
			CL	9		W			
2			CL	10				33.7	
				11	End of boring @ 10'				
				12					
				13					
				14					
				15					
				16					
				17					
				18					
				19					
				20					
				21					
				22					
				23					
				24					
				25					
				26					
				27					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Date

▼ Depth While Drilling 8'

▽ Depth After Drilling N/A

Auger Depth 10' Rig Track Mount

Rotary Depth _____ Geologist: Joe B.

Driller/Co: Mike / B3 Services

Note: Boring backfilled with cuttings and bentonite

Illinois Environmental Protection Agency

IL 532-2275
LPC 501 Dec-96

LUST Incident No: 991895	Boring Number: MW-18	Page 1 of 1
Site Name: Qik n EZ - Peoria Rd.	Boring Location: See Map Northwest cof MW-3	Date: 12/21/2021 Start 1:30
Address: 2800 N. Peoria Road Springfield, IL 62702		Finish 2:30

Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
	FIVE FOOT MACROCORE		CL	1	Light Brown Silty Clay	M			No Soil
			CL	2				<1	Samples
		100%	CL	3		M			Collected
			CL	4				<1	
1			CL	5		M			
			CL	6				<1	
			CL	7		M			
		100%	CL	8	Saturaiton @ 8.5'	W		<1	
			CL	9		W			
2			CL	10				<1	
			CL	11		W			
			CL	12				<1	
		100%	CL	13		W			
			CL	14				<1	
3			CL	15		M			
				16	End of boring @ 15'				
				17					
				18					
				19					
				20					
				21					
				22					
				23					
				24					
				25					
				26					
				27					

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Date

▼ Depth While Drilling 8.5'

▽ Depth After Drilling

Auger Depth 15' Rig Track Mount

Rotary Depth Geologist Joe B.

Driller/Co: Mike / B3 Services

Note: 2" Monitoring Well installed in Bore Hole.

Illinois Environmental Protection Agency

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LPC 501 Dec-96

LUST Incident No: 991895	Boring Number: MW-19	Page 1 of 1
Site Name: Qik n EZ - Peoria Rd.	Boring Location: See Map North of MW-3	Date: 12/21/2021 Start 2:30
Address: 2800 N. Peoria Road Springfield, IL 62702		Finish 3:35

Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
			CL	1	Light Brown Silty Clay	M			No Soil
			CL	2				<1	Samples
		100%	CL	3		M			Collected
			CL	4				<1	
1			CL	5		M			
			CL	6				<1	
			CL	7		M			
		100%	CL	8	Saturation @ 8'			<1	
			CL	9		W			
2			CL	10				<1	
			CL	11		W			
			CL	12				<1	
		100%	CL	13		M			
			CL	14				<1	
3			CL	15		M			
				16	End of boring @ 15'				
				17					
				18					
				19					
				20					
				21					
				22					
				23					
				24					
				25					
				26					
				27					

FIVE FOOT MACROCORE

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Date
▼ Depth While Drilling 8'
▽ Depth After Drilling

Auger Depth 15' Rig Track Mount
Rotary Depth Geologist Joe B.
Driller/Co: Mike / B3 Services

Note: 2" Monitoring Well installed in Bore Hole.

Illinois Environmental Protection Agency

IL 532-2275
LPC 501 Dec-96

LUST Incident No: 991895	Boring Number: MW-20	Page 1 of 1
Site Name: Qik n EZ - Peoria Rd.	Boring Location: See Map North of MW-3	Date: 12/21/2021 Start 3:35
Address: 2800 N. Peoria Road Springfield, IL 62702		Finish 4:45

Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Hand Penetrometer Qu	OVA/PID/FID/OVM	Remarks
			CL	1	Light Brown Silty Clay	M			No Soil
			CL	2				<1	Samples
		100%	CL	3		M			Collected
			CL	4				<1	
1			CL	5		M			
			CL	6				<1	
			CL	7		M			
		100%	CL	8	Saturation @ 8'			<1	
			CL	9		W			
2			CL	10				<1	
			CL	11		W			
			CL	12				<1	
		100%	CL	13		M			
			CL	14				<1	
3			CL	15		M			
				16	End of boring @ 15'				
				17					
				18					
				19					
				20					
				21					
				22					
				23					
				24					
				25					
				26					
				27					

FIVE FOOT MACROCORE

Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.

Groundwater Date

▼ Depth While Drilling 8'

▽ Depth After Drilling

Auger Depth 15' Rig Track Mount

Rotary Depth Geologist Joe B.

Driller/Co: Mike / B3 Services

Note: 2" Monitoring Well installed in Bore Hole.

Illinois Environmental Protection Agency

IL 532-2275
LPC 501 Dec-96

Illinois Environmental Protection Agency

LUST Well Completion Report

Incident No.:	20201063	Well No.:	MW-16
Site Name:	Qik-n-Ez - Peoria Road	Date Drilled Start:	12/20/2021
Drilling Contractor:	B3 Services	Date Completed:	12/20/2021
Driller:	Mike	Geologist:	J. Buhlig
Drilling Method:	Auger	Drilling Fluids (type):	N/A

Annular Space Details

Type of Surface Seal: Cement

Type of Annular Sealant: Bentonite

Type of Bentonite Seal (Granular, Pellet): Pellet

Type of Sand Pack: #5 Quartz Filter Sand

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Threaded	
Riser pipe above w.t.		2"Schedule 40	
Riser pipe below w.t.		2"Schedule 40	
Screen		0.010" Slot	
Coupling joint screen to riser		Threaded	
Protective casing			Cast Iron

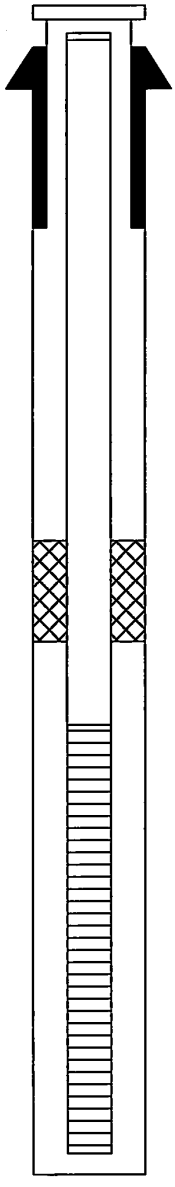
Measurements

to .01 ft (where applicable)

Riser pipe length	4.21
Screen length	10'
Screen slot size	0.010" Slot
Protective casing length	0.5'
Depth to water	10.29
Elevation of water	88.01
Free product thickness	NA
Gallons removed (develop)	2 gallons
Gallons removed (purge)	2 gallons
Other	N/A

Completed by: J. Buhlig

Elevations - .01 ft.



98.59	Top of Protective Casing
98.30	Top of Riser Pipe
98.59	Ground Surface
98.05	Top of Annular Sealant
0.25'	Casing Stickup
98.05	Top of Seal
1.96'	Total Seal Interval
96.09	Top of Sand
94.09	Top of Screen
10'	Total Screen Interval
84.09	Bottom of Screen
83.59	Bottom of Borehole

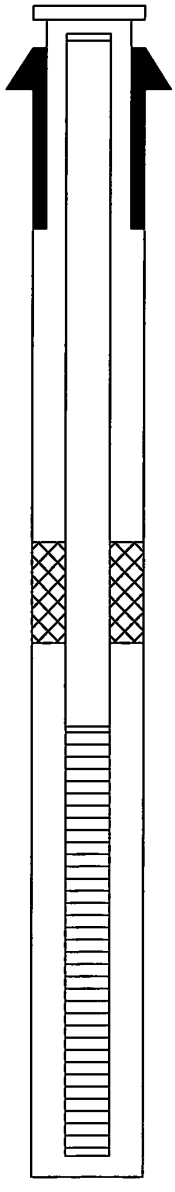
Illinois Environmental Protection Agency — LUST Well Completion Report

Incident No.:	20201063	Well No.:	MW-17
Site Name:	Qik-n-Ez - Peoria Road	Date Drilled Start:	12/20/2021
Drilling Contractor:	B3 Services	Date Completed:	12/20/2021
Driller:	Mike	Geologist:	J. Buhlig
Drilling Method:	Auger	Drilling Fluids (type):	N/A

Annular Space Details

Type of Surface Seal: Cement
Type of Annular Sealant: Bentonite
Type of Bentonite Seal (Granular, Pellet): Pellet
Type of Sand Pack: #5 Quartz Filter Sand

Elevations - .01 ft.



101.32	Top of Protective Casing
100.97	Top of Riser Pipe
101.32	Ground Surface
100.72	Top of Annular Sealant
0.25'	Casing Stickup
100.72	Top of Seal
1.90'	Total Seal Interval
98.82	Top of Sand
96.82	Top of Screen
10'	Total Screen Interval
86.82	Bottom of Screen
86.32	Bottom of Borehole

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Threaded	
Riser pipe above w.t.		2"Schedule 40	
Riser pipe below w.t.		2"Schedule 40	
Screen		0.010" Slot	
Coupling joint screen to riser		Threaded	
Protective casing			Cast Iron

Measurements

to .01 ft (where applicable)

Riser pipe length	4.15
Screen length	10'
Screen slot size	0.010" Slot
Protective casing length	0.5'
Depth to water	9.64
Elevation of water	91.33
Free product thickness	NA
Gallons removed (develop)	2.5 gallons
Gallons removed (purge)	2.5 gallons
Other	N/A

Completed by: J. Buhlig

Illinois Environmental Protection Agency

LUST Well Completion Report

Incident No.: 20201063
Site Name: Qik-n-Ez - Peoria Road
Drilling Contractor: B3 Services
Driller: Mike
Drilling Method: Auger

Well No.: MW-18
Date Drilled Start: 12/20/2021
Date Completed: 12/20/2021
Geologist: J. Buhlig
Drilling Fluids (type): N/A

Annular Space Details

Type of Surface Seal: Cement
Type of Annular Sealant: Bentonite
Type of Bentonite Seal (Granular, Pellet): Pellet

Type of Sand Pack: #5 Quartz Filter Sand

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Threaded	
Riser pipe above w.t.		2"Schedule 40	
Riser pipe below w.t.		2"Schedule 40	
Screen		0.010" Slot	
Coupling joint screen to riser		Threaded	
Protective casing			Cast Iron

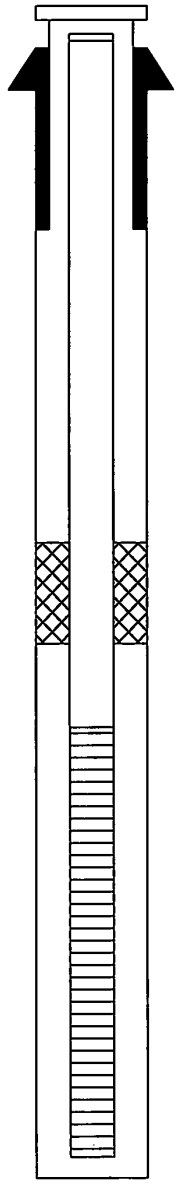
Measurements

to .01 ft (where applicable)

Riser pipe length	4.18
Screen length	10'
Screen slot size	0.010" Slot
Protective casing length	0.5'
Depth to water	11.02
Elevation of water	86.42
Free product thickness	NA
Gallons removed (develop)	2 gallons
Gallons removed (purge)	2 gallons
Other	N/A

Completed by: J. Buhlig

Elevations - .01 ft.



97.76 Top of Protective Casing
97.44 Top of Riser Pipe
97.76 Ground Surface
97.19 Top of Annular Sealant
0.25' Casing Stickup

97.19 Top of Seal
1.93' Total Seal Interval

95.26 Top of Sand

93.26 Top of Screen

10' Total Screen Interval

83.26 Bottom of Screen
82.76 Bottom of Borehole

Illinois Environmental Protection Agency

LUST Well Completion Report

Incident No.:	20201063	Well No.:	MW-19
Site Name:	Qik-n-Ez - Peoria Road	Date Drilled Start:	12/21/2021
Drilling Contractor:	B3 Services	Date Completed:	12/21/2021
Driller:	Mike	Geologist:	J. Buhlig
Drilling Method:	Auger	Drilling Fluids (type):	N/A

Annular Space Details

Type of Surface Seal: Cement

Type of Annular Sealant: Bentonite

Type of Bentonite Seal (Granular, Pellet): Pellet

Type of Sand Pack: #5 Quartz Filter Sand

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Threaded	
Riser pipe above w.t.		2"Schedule 40	
Riser pipe below w.t.		2"Schedule 40	
Screen		0.010" Slot	
Coupling joint screen to riser		Threaded	
Protective casing			Cast Iron

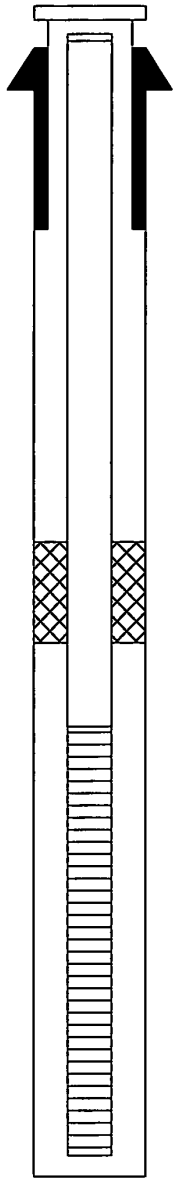
Measurements

to .01 ft (where applicable)

Riser pipe length	4.07
Screen length	10'
Screen slot size	0.010" Slot
Protective casing length	0.5'
Depth to water	14.25
Elevation of water	82.87
Free product thickness	NA
Gallons removed (develop)	<1 gallon
Gallons removed (purge)	<1 gallon
Other	N/A

Completed by: J. Buhlig

Elevations - .01 ft.



97.55	Top of Protective Casing
97.12	Top of Riser Pipe
97.55	Ground Surface
96.87	Top of Annular Sealant
0.25'	Casing Stickup
96.87	Top of Seal
1.82'	Total Seal Interval
95.05	Top of Sand
93.05	Top of Screen
10'	Total Screen Interval
83.05	Bottom of Screen
82.55	Bottom of Borehole

Illinois Environmental Protection Agency

LUST Well Completion Report

Incident No.:	20201063	Well No.:	MW-20
Site Name:	Qik-n-Ez - Peoria Road	Date Drilled Start:	12/21/2021
Drilling Contractor:	B3 Services	Date Completed:	12/21/2021
Driller:	Mike	Geologist:	J. Buhlig
Drilling Method:	Auger	Drilling Fluids (type):	N/A

Annular Space Details

Type of Surface Seal: Cement
Type of Annular Sealant: Bentonite
Type of Bentonite Seal (Granular, Pellet): Pellet

Type of Sand Pack: #5 Quartz Filter Sand

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Threaded	
Riser pipe above w.t.		2"Schedule 40	
Riser pipe below w.t.		2"Schedule 40	
Screen		0.010" Slot	
Coupling joint screen to riser		Threaded	
Protective casing			Cast Iron

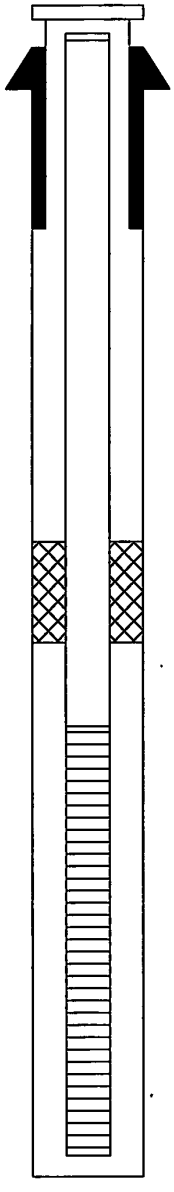
Measurements

to .01 ft (where applicable)

Riser pipe length	4.17
Screen length	10'
Screen slot size	0.010" Slot
Protective casing length	0.5'
Depth to water	14.31
Elevation of water	82.56
Free product thickness	NA
Gallons removed (develop)	<1 gallon
Gallons removed (purge)	<1 gallon
Other	N/A

Completed by: J. Buhlig

Elevations - .01 ft.



97.20	Top of Protective Casing
96.87	Top of Riser Pipe
97.20	Ground Surface
96.62	Top of Annular Sealant
0.25'	Casing Stickup
96.62	Top of Seal
1.92'	Total Seal Interval
94.70	Top of Sand
92.70	Top of Screen
10'	Total Screen Interval
82.70	Bottom of Screen
82.20	Bottom of Borehole

ATTACHMENT 3

PDC Laboratories

PROFESSIONAL • DEPENDABLE • COMMITTED

January 04, 2022

Jeff Wienhoff
Green Wave Consulting, LLC
4440 Ash Grove Drive Suite A
Springfield, IL 62711

RE: 991895-Qik N EZ-Peoria Rd.

Dear Jeff Wienhoff:

Please find enclosed the analytical results for the **50** sample(s) the laboratory received on **12/23/21 11:30 am** and logged in under work order **EL04466**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of PDC Laboratories.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

PDC Laboratories. appreciates the opportunity to provide you with analytical expertise. We are always trying to improve our customer service and we welcome you to contact the Director of Client Services, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or lgrant@pdclab.com.

Sincerely,

Chenise Lambert-Sykes
Project Manager
lscyl
clambert-sykes@pdclab.com

SAMPLE RECEIPT CHECK LIST

Items not applicable will be marked as in compliance

Work Order EL04466

YES	Samples received within temperature compliance when applicable
YES	COC present upon sample receipt
YES	COC completed & legible
NO	Sampler name & signature present
YES	Unique sample IDs assigned
YES	Sample collection location recorded
YES	Date & time collected recorded on COC
YES	Relinquished by client signature on COC
YES	COC & labels match
YES	Sample labels are legible
YES	Appropriate bottle(s) received
YES	Sufficient sample volume received
YES	Sample containers received undamaged
YES	Zero headspace, <6 mm present in VOA vials
NO	Trip blank(s) received
YES	All non-field analyses received within holding times
NO	Short hold time analysis
YES	Current PDC COC submitted
NO	Case narrative provided

ANALYTICAL RESULTS

Sample: EL04466-01
Name: MW-16A
Matrix: Solid - Grab

Sampled: 12/20/21 08:15
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	83	%		1		0.050	12/27/21 07:55	SEC	SM 2540G
Volatile Organics - STL									
Benzene	< 0.0285	mg/kg dry	Mrl	12.5	0.00542	0.0285	12/24/21 00:40	MBM	EPA 8260B
Ethylbenzene	< 0.0750	mg/kg dry		12.5	0.0211	0.0750	12/24/21 00:40	MBM	EPA 8260B
MTBE	< 0.0750	mg/kg dry		12.5	0.0102	0.0750	12/24/21 00:40	MBM	EPA 8260B
Toluene	< 0.0750	mg/kg dry		12.5	0.0227	0.0750	12/24/21 00:40	MBM	EPA 8260B
Xylenes- Total	< 0.225	mg/kg dry		12.5	0.0320	0.225	12/24/21 00:40	MBM	EPA 8260B

Sample: EL04466-02
Name: MW-16B
Matrix: Solid - Grab

Sampled: 12/20/21 08:30
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	81	%		1		0.050	12/27/21 07:55	SEC	SM 2540G
Volatile Organics - STL									
Benzene	< 0.0293	mg/kg dry	Mrl	12.5	0.00557	0.0293	12/24/21 01:07	MBM	EPA 8260B
Ethylbenzene	< 0.0771	mg/kg dry		12.5	0.0217	0.0771	12/24/21 01:07	MBM	EPA 8260B
MTBE	< 0.0771	mg/kg dry		12.5	0.0104	0.0771	12/24/21 01:07	MBM	EPA 8260B
Toluene	< 0.0771	mg/kg dry		12.5	0.0233	0.0771	12/24/21 01:07	MBM	EPA 8260B
Xylenes- Total	< 0.231	mg/kg dry		12.5	0.0329	0.231	12/24/21 01:07	MBM	EPA 8260B

Sample: EL04466-03
Name: MW-17A
Matrix: Solid - Grab

Sampled: 12/20/21 09:10
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	79	%		1		0.050	12/27/21 07:55	SEC	SM 2540G
Volatile Organics - STL									
Benzene	< 0.0284	mg/kg dry	Mrl	12.5	0.00571	0.0284	12/24/21 01:34	MBM	EPA 8260B
Ethylbenzene	< 0.0789	mg/kg dry		12.5	0.0222	0.0789	12/24/21 01:34	MBM	EPA 8260B
MTBE	< 0.0789	mg/kg dry		12.5	0.0107	0.0789	12/24/21 01:34	MBM	EPA 8260B
Toluene	< 0.0789	mg/kg dry		12.5	0.0239	0.0789	12/24/21 01:34	MBM	EPA 8260B
Xylenes- Total	< 0.237	mg/kg dry		12.5	0.0337	0.237	12/24/21 01:34	MBM	EPA 8260B

ANALYTICAL RESULTS

Sample: EL04466-04
Name: MW-17B
Matrix: Solid - Grab

Sampled: 12/20/21 09:25
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	78	%		1		0.050	12/27/21 07:55	SEC	SM 2540G
Volatile Organics - STL									
Benzene	< 0.0290	mg/kg dry	Mrl	12.5	0.00583	0.0290	12/24/21 02:00	MBM	EPA 8260B
Ethylbenzene	< 0.0806	mg/kg dry		12.5	0.0227	0.0806	12/24/21 02:00	MBM	EPA 8260B
MTBE	< 0.0806	mg/kg dry		12.5	0.0109	0.0806	12/24/21 02:00	MBM	EPA 8260B
Toluene	< 0.0806	mg/kg dry		12.5	0.0244	0.0806	12/24/21 02:00	MBM	EPA 8260B
Xylenes- Total	< 0.242	mg/kg dry		12.5	0.0344	0.242	12/24/21 02:00	MBM	EPA 8260B

Sample: EL04466-05
Name: SB-101A
Matrix: Solid - Grab

Sampled: 12/20/21 10:10
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	79	%		1		0.050	12/27/21 07:55	SEC	SM 2540G
Volatile Organics - STL									
Benzene	< 0.0284	mg/kg dry	Mrl	12.5	0.00571	0.0284	12/24/21 02:27	MBM	EPA 8260B
Ethylbenzene	< 0.0790	mg/kg dry		12.5	0.0222	0.0790	12/24/21 02:27	MBM	EPA 8260B
MTBE	< 0.0790	mg/kg dry		12.5	0.0107	0.0790	12/24/21 02:27	MBM	EPA 8260B
Toluene	< 0.0790	mg/kg dry		12.5	0.0239	0.0790	12/24/21 02:27	MBM	EPA 8260B
Xylenes- Total	< 0.237	mg/kg dry		12.5	0.0337	0.237	12/24/21 02:27	MBM	EPA 8260B

Sample: EL04466-06
Name: SB-101B
Matrix: Solid - Grab

Sampled: 12/20/21 10:20
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	79	%		1		0.050	12/27/21 07:55	SEC	SM 2540G
Volatile Organics - STL									
Benzene	< 0.0285	mg/kg dry	Mrl	12.5	0.00572	0.0285	12/24/21 02:54	MBM	EPA 8260B
Ethylbenzene	< 0.0791	mg/kg dry		12.5	0.0223	0.0791	12/24/21 02:54	MBM	EPA 8260B
MTBE	< 0.0791	mg/kg dry		12.5	0.0107	0.0791	12/24/21 02:54	MBM	EPA 8260B
Toluene	< 0.0791	mg/kg dry		12.5	0.0239	0.0791	12/24/21 02:54	MBM	EPA 8260B
Xylenes- Total	< 0.237	mg/kg dry		12.5	0.0338	0.237	12/24/21 02:54	MBM	EPA 8260B

ANALYTICAL RESULTS

Sample: EL04466-07
Name: SB-102A
Matrix: Solid - Grab
Sampled: 12/20/21 10:30
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	79	%		1		0.050	12/27/21 07:55	SEC	SM 2540G
Volatile Organics - STL									
Benzene	< 0.0286	mg/kg dry	Mrl	12.5	0.00574	0.0286	12/24/21 03:20	MBM	EPA 8260B
Ethylbenzene	< 0.0794	mg/kg dry		12.5	0.0223	0.0794	12/24/21 03:20	MBM	EPA 8260B
MTBE	< 0.0794	mg/kg dry		12.5	0.0108	0.0794	12/24/21 03:20	MBM	EPA 8260B
Toluene	< 0.0794	mg/kg dry		12.5	0.0240	0.0794	12/24/21 03:20	MBM	EPA 8260B
Xylenes- Total	< 0.238	mg/kg dry		12.5	0.0339	0.238	12/24/21 03:20	MBM	EPA 8260B

Sample: EL04466-08
Name: SB-102B
Matrix: Solid - Grab
Sampled: 12/20/21 10:45
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	79	%		1		0.050	12/27/21 07:55	SEC	SM 2540G
Volatile Organics - STL									
Benzene	< 0.0285	mg/kg dry	Mrl	12.5	0.00573	0.0285	12/24/21 03:47	MBM	EPA 8260B
Ethylbenzene	< 0.0792	mg/kg dry		12.5	0.0223	0.0792	12/24/21 03:47	MBM	EPA 8260B
MTBE	< 0.0792	mg/kg dry		12.5	0.0107	0.0792	12/24/21 03:47	MBM	EPA 8260B
Toluene	< 0.0792	mg/kg dry		12.5	0.0240	0.0792	12/24/21 03:47	MBM	EPA 8260B
Xylenes- Total	< 0.238	mg/kg dry		12.5	0.0338	0.238	12/24/21 03:47	MBM	EPA 8260B

Sample: EL04466-09
Name: SB-103A
Matrix: Solid - Grab
Sampled: 12/20/21 11:00
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	77	%		1		0.050	12/27/21 07:55	SEC	SM 2540G
Volatile Organics - STL									
Benzene	< 0.0293	mg/kg dry	Mrl	12.5	0.00589	0.0293	12/24/21 04:14	MBM	EPA 8260B
Ethylbenzene	< 0.0815	mg/kg dry		12.5	0.0229	0.0815	12/24/21 04:14	MBM	EPA 8260B
MTBE	< 0.0815	mg/kg dry		12.5	0.0110	0.0815	12/24/21 04:14	MBM	EPA 8260B
Toluene	< 0.0815	mg/kg dry		12.5	0.0247	0.0815	12/24/21 04:14	MBM	EPA 8260B
Xylenes- Total	< 0.244	mg/kg dry		12.5	0.0348	0.244	12/24/21 04:14	MBM	EPA 8260B

ANALYTICAL RESULTS

Sample: EL04466-10
Name: SB-103B
Matrix: Solid - Grab

Sampled: 12/20/21 11:15
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	78	%		1		0.050	12/27/21 07:55	SEC	SM 2540G
Volatile Organics - STL									
Benzene	< 0.0289	mg/kg dry	Mrl	12.5	0.00581	0.0289	12/24/21 04:40	MBM	EPA 8260B
Ethylbenzene	< 0.0804	mg/kg dry		12.5	0.0226	0.0804	12/24/21 04:40	MBM	EPA 8260B
MTBE	< 0.0804	mg/kg dry		12.5	0.0109	0.0804	12/24/21 04:40	MBM	EPA 8260B
Toluene	< 0.0804	mg/kg dry		12.5	0.0243	0.0804	12/24/21 04:40	MBM	EPA 8260B
Xylenes- Total	< 0.241	mg/kg dry		12.5	0.0343	0.241	12/24/21 04:40	MBM	EPA 8260B

Sample: EL04466-11
Name: SB-104A
Matrix: Solid - Grab

Sampled: 12/20/21 11:30
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	78	%		1		0.050	12/27/21 07:55	SEC	SM 2540G
Volatile Organics - STL									
Benzene	< 0.0287	mg/kg dry	Mrl	12.5	0.00576	0.0287	12/24/21 05:07	MBM	EPA 8260B
Ethylbenzene	< 0.0797	mg/kg dry		12.5	0.0224	0.0797	12/24/21 05:07	MBM	EPA 8260B
MTBE	< 0.0797	mg/kg dry		12.5	0.0108	0.0797	12/24/21 05:07	MBM	EPA 8260B
Toluene	< 0.0797	mg/kg dry		12.5	0.0241	0.0797	12/24/21 05:07	MBM	EPA 8260B
Xylenes- Total	< 0.239	mg/kg dry		12.5	0.0340	0.239	12/24/21 05:07	MBM	EPA 8260B

Sample: EL04466-12
Name: SB-104B
Matrix: Solid - Grab

Sampled: 12/20/21 11:40
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	79	%		1		0.050	12/27/21 07:55	SEC	SM 2540G
Volatile Organics - STL									
Benzene	< 0.0299	mg/kg dry	Mrl	12.5	0.00569	0.0299	12/24/21 05:34	MBM	EPA 8260B
Ethylbenzene	< 0.0787	mg/kg dry		12.5	0.0221	0.0787	12/24/21 05:34	MBM	EPA 8260B
MTBE	< 0.0787	mg/kg dry		12.5	0.0107	0.0787	12/24/21 05:34	MBM	EPA 8260B
Toluene	< 0.0787	mg/kg dry		12.5	0.0238	0.0787	12/24/21 05:34	MBM	EPA 8260B
Xylenes- Total	< 0.236	mg/kg dry		12.5	0.0336	0.236	12/24/21 05:34	MBM	EPA 8260B

ANALYTICAL RESULTS

Sample: EL04466-13
Name: SB-105A
Matrix: Solid - Grab

Sampled: 12/20/21 11:50
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	79	%		1		0.050	12/27/21 07:55	SEC	SM 2540G
Volatile Organics - STL									
Benzene	0.148	mg/kg dry		12.5	0.00570	0.0789	12/24/21 06:01	MBM	EPA 8260B
Ethylbenzene	< 0.0789	mg/kg dry		12.5	0.0222	0.0789	12/24/21 06:01	MBM	EPA 8260B
MTBE	< 0.0789	mg/kg dry		12.5	0.0107	0.0789	12/24/21 06:01	MBM	EPA 8260B
Toluene	< 0.0789	mg/kg dry		12.5	0.0239	0.0789	12/24/21 06:01	MBM	EPA 8260B
Xylenes- Total	< 0.237	mg/kg dry		12.5	0.0337	0.237	12/24/21 06:01	MBM	EPA 8260B

Sample: EL04466-14
Name: SB-105B
Matrix: Solid - Grab

Sampled: 12/20/21 12:00
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	79	%		1		0.050	12/27/21 07:55	SEC	SM 2540G
Volatile Organics - STL									
Benzene	0.113	mg/kg dry		12.5	0.00575	0.0796	12/24/21 06:27	MBM	EPA 8260B
Ethylbenzene	< 0.0796	mg/kg dry		12.5	0.0224	0.0796	12/24/21 06:27	MBM	EPA 8260B
MTBE	< 0.0796	mg/kg dry		12.5	0.0108	0.0796	12/24/21 06:27	MBM	EPA 8260B
Toluene	< 0.0796	mg/kg dry		12.5	0.0241	0.0796	12/24/21 06:27	MBM	EPA 8260B
Xylenes- Total	< 0.239	mg/kg dry		12.5	0.0340	0.239	12/24/21 06:27	MBM	EPA 8260B

Sample: EL04466-15
Name: CA-10C
Matrix: Solid - Grab

Sampled: 12/20/21 12:15
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	83	%		1		0.050	12/27/21 08:26	SEC	SM 2540G
Volatile Organics - STL									
Benzene	15.0	mg/kg dry		100	0.0438	0.605	12/24/21 06:54	MBM	EPA 8260B
Ethylbenzene	28.8	mg/kg dry		500	0.592	2.10	12/28/21 05:43	MBM	EPA 8260B
MTBE	< 0.242	mg/kg dry		100	0.0821	0.242	12/24/21 06:54	MBM	EPA 8260B
Toluene	26.1	mg/kg dry		500	0.636	2.10	12/28/21 05:43	MBM	EPA 8260B
Xylenes- Total	130	mg/kg dry		500	0.897	6.31	12/28/21 05:43	MBM	EPA 8260B

ANALYTICAL RESULTS

Sample: EL04466-16
Name: CA-10D
Matrix: Solid - Grab

Sampled: 12/20/21 12:30
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	81	%		1		0.050	12/27/21 08:26	SEC	SM 2540G
Volatile Organics - STL									
Benzene	2.01	mg/kg dry		100	0.0448	0.619	12/24/21 07:21	MBM	EPA 8260B
Ethylbenzene	6.22	mg/kg dry		100	0.174	0.619	12/24/21 07:21	MBM	EPA 8260B
MTBE	< 0.248	mg/kg dry		100	0.0840	0.248	12/24/21 07:21	MBM	EPA 8260B
Toluene	2.42	mg/kg dry		100	0.187	0.619	12/24/21 07:21	MBM	EPA 8260B
Xylenes- Total	23.5	mg/kg dry		100	0.264	1.86	12/24/21 07:21	MBM	EPA 8260B

Sample: EL04466-17
Name: CA-20C
Matrix: Solid - Grab

Sampled: 12/20/21 12:50
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	81	%		1		0.050	12/27/21 08:26	SEC	SM 2540G
Volatile Organics - STL									
Benzene	26.9	mg/kg dry		500	0.152	2.10	12/28/21 06:10	MBM	EPA 8260B
Ethylbenzene	30.5	mg/kg dry		500	0.590	2.10	12/28/21 06:10	MBM	EPA 8260B
MTBE	0.667	mg/kg dry		100	0.0839	0.619	12/24/21 07:48	MBM	EPA 8260B
Toluene	54.3	mg/kg dry		500	0.634	2.10	12/28/21 06:10	MBM	EPA 8260B
Xylenes- Total	148	mg/kg dry		500	0.895	6.29	12/28/21 06:10	MBM	EPA 8260B

Sample: EL04466-18
Name: CA-20D
Matrix: Solid - Grab

Sampled: 12/20/21 13:00
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	82	%		1		0.050	12/27/21 08:26	SEC	SM 2540G
Volatile Organics - STL									
Benzene	8.68	mg/kg dry		100	0.0439	0.608	12/24/21 08:15	MBM	EPA 8260B
Ethylbenzene	8.00	mg/kg dry		100	0.171	0.608	12/24/21 08:15	MBM	EPA 8260B
MTBE	0.673	mg/kg dry		100	0.0824	0.608	12/24/21 08:15	MBM	EPA 8260B
Toluene	13.4	mg/kg dry		100	0.184	0.608	12/24/21 08:15	MBM	EPA 8260B
Xylenes- Total	34.5	mg/kg dry		100	0.259	1.82	12/24/21 08:15	MBM	EPA 8260B

ANALYTICAL RESULTS

Sample: EL04466-19
Name: CA-19C
Matrix: Solid - Grab

Sampled: 12/20/21 13:20
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	82	%		1		0.050	12/27/21 08:26	SEC	SM 2540G
Volatile Organics - STL									
Benzene	14.5	mg/kg dry		200	0.0606	0.839	12/28/21 10:25	MBM	EPA 8260B
Ethylbenzene	23.7	mg/kg dry		200	0.236	0.839	12/28/21 10:25	MBM	EPA 8260B
MTBE	0.616	mg/kg dry		100	0.0823	0.607	12/24/21 08:41	MBM	EPA 8260B
Toluene	3.14	mg/kg dry		100	0.184	0.607	12/24/21 08:41	MBM	EPA 8260B
Xylenes- Total	92.6	mg/kg dry		200	0.358	2.52	12/28/21 10:25	MBM	EPA 8260B

Sample: EL04466-20
Name: CA-19D
Matrix: Solid - Grab

Sampled: 12/20/21 13:30
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	78	%		1		0.050	12/27/21 08:26	SEC	SM 2540G
Volatile Organics - STL									
Benzene	8.18	mg/kg dry		100	0.0466	0.645	12/24/21 09:08	MBM	EPA 8260B
Ethylbenzene	23.3	mg/kg dry		100	0.182	0.645	12/24/21 09:08	MBM	EPA 8260B
MTBE	< 0.258	mg/kg dry		100	0.0874	0.258	12/24/21 09:08	MBM	EPA 8260B
Toluene	0.792	mg/kg dry		100	0.195	0.645	12/24/21 09:08	MBM	EPA 8260B
Xylenes- Total	62.6	mg/kg dry		200	0.433	3.05	12/28/21 10:51	MBM	EPA 8260B

Sample: EL04466-21
Name: CA-18C
Matrix: Solid - Grab

Sampled: 12/20/21 13:50
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	80	%		1		0.050	12/27/21 08:26	SEC	SM 2540G
Volatile Organics - STL									
Benzene	19.5	mg/kg dry		250	0.0767	1.06	12/28/21 11:17	MBM	EPA 8260B
Ethylbenzene	36.1	mg/kg dry		250	0.299	1.06	12/28/21 11:17	MBM	EPA 8260B
MTBE	< 0.170	mg/kg dry		100	0.0576	0.170	12/27/21 13:22	MBM	EPA 8260B
Toluene	4.78	mg/kg dry		100	0.128	0.425	12/27/21 13:22	MBM	EPA 8260B
Xylenes- Total	173	mg/kg dry		500	0.906	6.37	12/29/21 09:35	MBM	EPA 8260B

ANALYTICAL RESULTS

Sample: EL04466-22
Name: CA-18D
Matrix: Solid - Grab

Sampled: 12/20/21 14:00
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	81	%		1		0.050	12/27/21 08:26	SEC	SM 2540G
Volatile Organics - STL									
Benzene	1.79	mg/kg dry		50	0.0158	0.218	12/28/21 11:44	MBM	EPA 8260B
Ethylbenzene	< 0.0545	mg/kg dry		12.5	0.0153	0.0545	12/27/21 13:49	MBM	EPA 8260B
MTBE	0.113	mg/kg dry		12.5	0.00739	0.0545	12/27/21 13:49	MBM	EPA 8260B
Toluene	< 0.0545	mg/kg dry		12.5	0.0165	0.0545	12/27/21 13:49	MBM	EPA 8260B
Xylenes- Total	< 0.164	mg/kg dry		12.5	0.0233	0.164	12/27/21 13:49	MBM	EPA 8260B

Sample: EL04466-23
Name: CA-17C
Matrix: Solid - Grab

Sampled: 12/20/21 14:15
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	83	%		1		0.050	12/27/21 08:26	SEC	SM 2540G
Volatile Organics - STL									
Benzene	8.22	mg/kg dry		100	0.0319	0.441	12/27/21 14:15	MBM	EPA 8260B
Ethylbenzene	11.1	mg/kg dry		100	0.124	0.441	12/27/21 14:15	MBM	EPA 8260B
MTBE	< 0.176	mg/kg dry		100	0.0598	0.176	12/27/21 14:15	MBM	EPA 8260B
Toluene	0.454	mg/kg dry		100	0.133	0.441	12/27/21 14:15	MBM	EPA 8260B
Xylenes- Total	33.2	mg/kg dry		100	0.188	1.32	12/27/21 14:15	MBM	EPA 8260B

Sample: EL04466-24
Name: CA-17D
Matrix: Solid - Grab

Sampled: 12/20/21 14:30
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	82	%		1		0.050	12/27/21 08:26	SEC	SM 2540G
Volatile Organics - STL									
Benzene	2.61	mg/kg dry		50	0.0148	0.205	12/28/21 12:10	MBM	EPA 8260B
Ethylbenzene	3.46	mg/kg dry		50	0.0578	0.205	12/28/21 12:10	MBM	EPA 8260B
MTBE	< 0.0513	mg/kg dry		12.5	0.00696	0.0513	12/29/21 10:01	MBM	EPA 8260B
Toluene	0.141	mg/kg dry		12.5	0.0155	0.0513	12/29/21 10:01	MBM	EPA 8260B
Xylenes- Total	8.10	mg/kg dry		50	0.0876	0.616	12/28/21 12:10	MBM	EPA 8260B

ANALYTICAL RESULTS

Sample: EL04466-25
Name: CA-16C
Matrix: Solid - Grab

Sampled: 12/20/21 14:55
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	82	%		1		0.050	12/27/21 08:26	SEC	SM 2540G
Volatile Organics - STL									
Benzene	0.740	mg/kg dry		12.5	0.00408	0.0565	12/27/21 15:08	MBM	EPA 8260B
Ethylbenzene	5.25	mg/kg dry		50	0.0636	0.226	12/28/21 12:36	MBM	EPA 8260B
MTBE	< 0.0565	mg/kg dry		12.5	0.00766	0.0565	12/27/21 15:08	MBM	EPA 8260B
Toluene	0.187	mg/kg dry		12.5	0.0171	0.0565	12/27/21 15:08	MBM	EPA 8260B
Xylenes- Total	15.5	mg/kg dry		50	0.0964	0.678	12/28/21 12:36	MBM	EPA 8260B

Sample: EL04466-26
Name: CA-16D
Matrix: Solid - Grab

Sampled: 12/20/21 15:15
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	81	%		1		0.050	12/27/21 08:26	SEC	SM 2540G
Volatile Organics - STL									
Benzene	0.756	mg/kg dry		25	0.00795	0.110	12/28/21 13:03	MBM	EPA 8260B
Ethylbenzene	14.4	mg/kg dry		100	0.124	0.440	12/27/21 15:34	MBM	EPA 8260B
MTBE	< 0.110	mg/kg dry		25	0.0149	0.110	12/28/21 13:03	MBM	EPA 8260B
Toluene	0.238	mg/kg dry		25	0.0333	0.110	12/28/21 13:03	MBM	EPA 8260B
Xylenes- Total	23.3	mg/kg dry		100	0.188	1.32	12/27/21 15:34	MBM	EPA 8260B

Sample: EL04466-27
Name: CA-15C
Matrix: Solid - Grab

Sampled: 12/20/21 15:30
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	81	%		1		0.050	12/27/21 08:26	SEC	SM 2540G
Volatile Organics - STL									
Benzene	13.9	mg/kg dry		100	0.0306	0.424	12/27/21 16:01	MBM	EPA 8260B
Ethylbenzene	18.0	mg/kg dry		250	0.298	1.06	12/28/21 13:29	MBM	EPA 8260B
MTBE	< 0.169	mg/kg dry		100	0.0574	0.169	12/27/21 16:01	MBM	EPA 8260B
Toluene	1.57	mg/kg dry		100	0.128	0.424	12/27/21 16:01	MBM	EPA 8260B
Xylenes- Total	77.4	mg/kg dry		250	0.452	3.18	12/28/21 13:29	MBM	EPA 8260B

ANALYTICAL RESULTS

Sample: EL04466-28
Name: CA-15D
Matrix: Solid - Grab

Sampled: 12/20/21 15:45
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	81	%		1		0.050	12/27/21 08:26	SEC	SM 2540G
Volatile Organics - STL									
Benzene	3.02	mg/kg dry		50	0.0146	0.202	12/28/21 13:55	MBM	EPA 8260B
Ethylbenzene	1.64	mg/kg dry		12.5	0.0142	0.0505	12/27/21 16:27	MBM	EPA 8260B
MTBE	0.0860	mg/kg dry		12.5	0.00685	0.0505	12/27/21 16:27	MBM	EPA 8260B
Toluene	< 0.0505	mg/kg dry		12.5	0.0153	0.0505	12/27/21 16:27	MBM	EPA 8260B
Xylenes- Total	2.39	mg/kg dry		12.5	0.0216	0.152	12/27/21 16:27	MBM	EPA 8260B

Sample: EL04466-29
Name: CA-14C
Matrix: Solid - Grab

Sampled: 12/20/21 16:00
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	81	%		1		0.050	12/27/21 08:26	SEC	SM 2540G
Volatile Organics - STL									
Benzene	22.3	mg/kg dry		250	0.0775	1.07	12/28/21 14:22	MBM	EPA 8260B
Ethylbenzene	28.7	mg/kg dry		250	0.302	1.07	12/28/21 14:22	MBM	EPA 8260B
MTBE	< 0.172	mg/kg dry		100	0.0581	0.172	12/27/21 16:54	MBM	EPA 8260B
Toluene	40.9	mg/kg dry		250	0.324	1.07	12/28/21 14:22	MBM	EPA 8260B
Xylenes- Total	122	mg/kg dry		250	0.458	3.22	12/28/21 14:22	MBM	EPA 8260B

Sample: EL04466-30
Name: CA-14D
Matrix: Solid - Grab

Sampled: 12/20/21 16:15
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	82	%		1		0.050	12/27/21 08:26	SEC	SM 2540G
Volatile Organics - STL									
Benzene	13.1	mg/kg dry		250	0.0781	1.08	12/28/21 14:48	MBM	EPA 8260B
Ethylbenzene	21.0	mg/kg dry		250	0.304	1.08	12/28/21 14:48	MBM	EPA 8260B
MTBE	< 0.173	mg/kg dry		100	0.0586	0.173	12/27/21 17:20	MBM	EPA 8260B
Toluene	7.77	mg/kg dry		100	0.131	0.432	12/27/21 17:20	MBM	EPA 8260B
Xylenes- Total	82.9	mg/kg dry		250	0.461	3.24	12/28/21 14:48	MBM	EPA 8260B

ANALYTICAL RESULTS

Sample: EL04466-31
Name: CA-13C
Matrix: Solid - Grab

Sampled: 12/20/21 16:30
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	80	%		1		0.050	12/27/21 08:26	SEC	SM 2540G
Volatile Organics - STL									
Benzene	7.73	mg/kg dry		100	0.0316	0.437	12/27/21 17:47	MBM	EPA 8260B
Ethylbenzene	9.99	mg/kg dry		100	0.123	0.437	12/27/21 17:47	MBM	EPA 8260B
MTBE	0.262	mg/kg dry		25	0.0148	0.109	12/28/21 15:14	MBM	EPA 8260B
Toluene	< 0.109	mg/kg dry		25	0.0330	0.109	12/28/21 15:14	MBM	EPA 8260B
Xylenes- Total	32.7	mg/kg dry		100	0.186	1.31	12/27/21 17:47	MBM	EPA 8260B

Sample: EL04466-32
Name: CA-13D
Matrix: Solid - Grab

Sampled: 12/20/21 16:40
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	80	%		1		0.050	12/27/21 08:26	SEC	SM 2540G
Volatile Organics - STL									
Benzene	1.48	mg/kg dry		12.5	0.00427	0.0590	12/27/21 18:13	MBM	EPA 8260B
Ethylbenzene	3.90	mg/kg dry		50	0.0665	0.236	12/28/21 15:41	MBM	EPA 8260B
MTBE	0.0601	mg/kg dry		12.5	0.00801	0.0590	12/27/21 18:13	MBM	EPA 8260B
Toluene	0.0661	mg/kg dry		12.5	0.0179	0.0590	12/27/21 18:13	MBM	EPA 8260B
Xylenes- Total	13.3	mg/kg dry		50	0.101	0.709	12/28/21 15:41	MBM	EPA 8260B

Sample: EL04466-33
Name: CA-11C
Matrix: Solid - Grab

Sampled: 12/21/21 08:20
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	82	%		1		0.050	12/27/21 08:26	SEC	SM 2540G
Volatile Organics - STL									
Benzene	3.82	mg/kg dry		100	0.0306	0.423	12/27/21 21:46	MBM	EPA 8260B
Ethylbenzene	8.44	mg/kg dry		100	0.119	0.423	12/27/21 21:46	MBM	EPA 8260B
MTBE	< 0.169	mg/kg dry		100	0.0573	0.169	12/27/21 21:46	MBM	EPA 8260B
Toluene	0.997	mg/kg dry		100	0.128	0.423	12/27/21 21:46	MBM	EPA 8260B
Xylenes- Total	27.5	mg/kg dry		100	0.180	1.27	12/27/21 21:46	MBM	EPA 8260B

ANALYTICAL RESULTS

Sample: EL04466-34
Name: CA-11D
Matrix: Solid - Grab

Sampled: 12/21/21 08:35
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	81	%		1		0.050	12/27/21 08:26	SEC	SM 2540G
Volatile Organics - STL									
Benzene	4.66	mg/kg dry		100	0.0291	0.402	12/27/21 22:12	MBM	EPA 8260B
Ethylbenzene	15.4	mg/kg dry		100	0.113	0.402	12/27/21 22:12	MBM	EPA 8260B
MTBE	< 0.161	mg/kg dry		100	0.0546	0.161	12/27/21 22:12	MBM	EPA 8260B
Toluene	1.47	mg/kg dry		100	0.122	0.402	12/27/21 22:12	MBM	EPA 8260B
Xylenes- Total	48.9	mg/kg dry		250	0.429	3.02	12/28/21 16:07	MBM	EPA 8260B

Sample: EL04466-35
Name: CA-9C
Matrix: Solid - Grab

Sampled: 12/21/21 08:50
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	81	%		1		0.050	12/27/21 08:51	SEC	SM 2540G
Volatile Organics - STL									
Benzene	2.30	mg/kg dry		50	0.0147	0.203	12/28/21 16:34	MBM	EPA 8260B
Ethylbenzene	4.66	mg/kg dry		50	0.0571	0.203	12/28/21 16:34	MBM	EPA 8260B
MTBE	< 0.0507	mg/kg dry		12.5	0.00688	0.0507	12/27/21 22:39	MBM	EPA 8260B
Toluene	0.586	mg/kg dry		12.5	0.0153	0.0507	12/27/21 22:39	MBM	EPA 8260B
Xylenes- Total	13.8	mg/kg dry		50	0.0866	0.609	12/28/21 16:34	MBM	EPA 8260B

Sample: EL04466-36
Name: CA-9D
Matrix: Solid - Grab

Sampled: 12/21/21 09:00
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	83	%		1		0.050	12/27/21 08:51	SEC	SM 2540G
Volatile Organics - STL									
Benzene	2.34	mg/kg dry		100	0.0317	0.439	12/27/21 23:05	MBM	EPA 8260B
Ethylbenzene	7.91	mg/kg dry		100	0.123	0.439	12/27/21 23:05	MBM	EPA 8260B
MTBE	< 0.175	mg/kg dry		100	0.0595	0.175	12/27/21 23:05	MBM	EPA 8260B
Toluene	0.660	mg/kg dry		100	0.133	0.439	12/27/21 23:05	MBM	EPA 8260B
Xylenes- Total	25.3	mg/kg dry		100	0.187	1.32	12/27/21 23:05	MBM	EPA 8260B

ANALYTICAL RESULTS

Sample: EL04466-37
Name: CA-8C
Matrix: Solid - Grab

Sampled: 12/21/21 09:20
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	83	%		1		0.050	12/27/21 08:51	SEC	SM 2540G
Volatile Organics - STL									
Benzene	2.94	mg/kg dry		100	0.0306	0.424	12/27/21 23:32	MBM	EPA 8260B
Ethylbenzene	11.2	mg/kg dry		100	0.119	0.424	12/27/21 23:32	MBM	EPA 8260B
MTBE	< 0.170	mg/kg dry		100	0.0575	0.170	12/27/21 23:32	MBM	EPA 8260B
Toluene	1.86	mg/kg dry		100	0.128	0.424	12/27/21 23:32	MBM	EPA 8260B
Xylenes- Total	44.9	mg/kg dry		200	0.362	2.54	12/28/21 17:00	MBM	EPA 8260B

Sample: EL04466-38
Name: CA-8D
Matrix: Solid - Grab

Sampled: 12/21/21 09:45
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	82	%		1		0.050	12/27/21 08:51	SEC	SM 2540G
Volatile Organics - STL									
Benzene	5.41	mg/kg dry		100	0.0285	0.394	12/27/21 23:58	MBM	EPA 8260B
Ethylbenzene	10.7	mg/kg dry		100	0.111	0.394	12/27/21 23:58	MBM	EPA 8260B
MTBE	< 0.157	mg/kg dry		100	0.0534	0.157	12/27/21 23:58	MBM	EPA 8260B
Toluene	10.5	mg/kg dry		100	0.119	0.394	12/27/21 23:58	MBM	EPA 8260B
Xylenes- Total	44.7	mg/kg dry		200	0.336	2.36	12/28/21 17:27	MBM	EPA 8260B

Sample: EL04466-39
Name: CA-7C
Matrix: Solid - Grab

Sampled: 12/21/21 10:00
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	81	%		1		0.050	12/27/21 08:51	SEC	SM 2540G
Volatile Organics - STL									
Benzene	14.8	mg/kg dry		200	0.0637	0.882	12/28/21 17:53	MBM	EPA 8260B
Ethylbenzene	27.0	mg/kg dry		200	0.248	0.882	12/28/21 17:53	MBM	EPA 8260B
MTBE	< 0.176	mg/kg dry		100	0.0598	0.176	12/28/21 00:25	MBM	EPA 8260B
Toluene	2.86	mg/kg dry		100	0.133	0.441	12/28/21 00:25	MBM	EPA 8260B
Xylenes- Total	118	mg/kg dry		250	0.471	3.31	12/29/21 10:27	MBM	EPA 8260B

ANALYTICAL RESULTS

Sample: EL04466-40
Name: CA-7D
Matrix: Solid - Grab
Sampled: 12/21/21 10:15
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	81	%		1		0.050	12/27/21 08:51	SEC	SM 2540G
Volatile Organics - STL									
Benzene	8.91	mg/kg dry		100	0.0327	0.452	12/28/21 00:51	MBM	EPA 8260B
Ethylbenzene	14.2	mg/kg dry		100	0.127	0.452	12/28/21 00:51	MBM	EPA 8260B
MTBE	< 0.181	mg/kg dry		100	0.0613	0.181	12/28/21 00:51	MBM	EPA 8260B
Toluene	0.974	mg/kg dry		100	0.137	0.452	12/28/21 00:51	MBM	EPA 8260B
Xylenes- Total	65.1	mg/kg dry		200	0.386	2.71	12/28/21 17:37	MBM	EPA 8260B

Sample: EL04466-41
Name: CA-25C
Matrix: Solid - Grab
Sampled: 12/21/21 10:40
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	84	%		1		0.050	12/27/21 08:51	SEC	SM 2540G
Volatile Organics - STL									
Benzene	0.915	mg/kg dry		12.5	0.00377	0.0522	12/28/21 09:32	MBM	EPA 8260B
Ethylbenzene	2.54	mg/kg dry		100	0.118	0.417	12/27/21 17:19	MBM	EPA 8260B
MTBE	< 0.0522	mg/kg dry		12.5	0.00708	0.0522	12/28/21 09:32	MBM	EPA 8260B
Toluene	< 0.0522	mg/kg dry		12.5	0.0158	0.0522	12/28/21 09:32	MBM	EPA 8260B
Xylenes- Total	2.35	mg/kg dry		12.5	0.0223	0.157	12/28/21 09:32	MBM	EPA 8260B

Sample: EL04466-42
Name: CA-25D
Matrix: Solid - Grab
Sampled: 12/21/21 11:00
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	80	%		1		0.050	12/27/21 08:51	SEC	SM 2540G
Volatile Organics - STL									
Benzene	1.81	mg/kg dry		12.5	0.00421	0.0583	12/28/21 09:58	MBM	EPA 8260B
Ethylbenzene	5.75	mg/kg dry		100	0.131	0.466	12/27/21 17:46	MBM	EPA 8260B
MTBE	< 0.0583	mg/kg dry		12.5	0.00790	0.0583	12/28/21 09:58	MBM	EPA 8260B
Toluene	< 0.0583	mg/kg dry		12.5	0.0176	0.0583	12/28/21 09:58	MBM	EPA 8260B
Xylenes- Total	4.59	mg/kg dry		12.5	0.0249	0.175	12/28/21 09:58	MBM	EPA 8260B

ANALYTICAL RESULTS

Sample: EL04466-43
Name: CA-24C
Matrix: Solid - Grab

Sampled: 12/21/21 11:15
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	81	%		1		0.050	12/27/21 08:51	SEC	SM 2540G
Volatile Organics - STL									
Benzene	< 0.0219	mg/kg dry		12.5	0.00395	0.0219	12/28/21 01:18	MBM	EPA 8260B
Ethylbenzene	< 0.0547	mg/kg dry		12.5	0.0154	0.0547	12/28/21 01:18	MBM	EPA 8260B
MTBE	< 0.0547	mg/kg dry		12.5	0.00741	0.0547	12/28/21 01:18	MBM	EPA 8260B
Toluene	< 0.0547	mg/kg dry		12.5	0.0165	0.0547	12/28/21 01:18	MBM	EPA 8260B
Xylenes- Total	< 0.164	mg/kg dry		12.5	0.0233	0.164	12/28/21 01:18	MBM	EPA 8260B

Sample: EL04466-44
Name: CA-24D
Matrix: Solid - Grab

Sampled: 12/21/21 11:30
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	82	%		1		0.050	12/27/21 08:51	SEC	SM 2540G
Volatile Organics - STL									
Benzene	< 0.0216	mg/kg dry		12.5	0.00390	0.0216	12/28/21 01:45	MBM	EPA 8260B
Ethylbenzene	< 0.0539	mg/kg dry		12.5	0.0152	0.0539	12/28/21 01:45	MBM	EPA 8260B
MTBE	< 0.0539	mg/kg dry		12.5	0.00731	0.0539	12/28/21 01:45	MBM	EPA 8260B
Toluene	< 0.0539	mg/kg dry		12.5	0.0163	0.0539	12/28/21 01:45	MBM	EPA 8260B
Xylenes- Total	< 0.162	mg/kg dry		12.5	0.0230	0.162	12/28/21 01:45	MBM	EPA 8260B

Sample: EL04466-45
Name: SB-106A
Matrix: Solid - Grab

Sampled: 12/21/21 11:50
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	80	%		1		0.050	12/27/21 08:51	SEC	SM 2540G
Volatile Organics - STL									
Benzene	0.0446	mg/kg dry		12.5	0.00453	0.0250	12/28/21 02:11	MBM	EPA 8260B
Ethylbenzene	< 0.0626	mg/kg dry		12.5	0.0176	0.0626	12/28/21 02:11	MBM	EPA 8260B
MTBE	< 0.0626	mg/kg dry		12.5	0.00849	0.0626	12/28/21 02:11	MBM	EPA 8260B
Toluene	< 0.0626	mg/kg dry		12.5	0.0189	0.0626	12/28/21 02:11	MBM	EPA 8260B
Xylenes- Total	< 0.188	mg/kg dry		12.5	0.0267	0.188	12/28/21 02:11	MBM	EPA 8260B

ANALYTICAL RESULTS

Sample: EL04466-46
Name: SB-106B
Matrix: Solid - Grab

Sampled: 12/21/21 12:15
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	80	%		1		0.050	12/27/21 08:51	SEC	SM 2540G
Volatile Organics - STL									
Benzene	0.0729	mg/kg dry		12.5	0.00417	0.0577	12/28/21 02:38	MBM	EPA 8260B
Ethylbenzene	< 0.0577	mg/kg dry		12.5	0.0163	0.0577	12/28/21 02:38	MBM	EPA 8260B
MTBE	< 0.0577	mg/kg dry		12.5	0.00783	0.0577	12/28/21 02:38	MBM	EPA 8260B
Toluene	< 0.0577	mg/kg dry		12.5	0.0175	0.0577	12/28/21 02:38	MBM	EPA 8260B
Xylenes- Total	< 0.173	mg/kg dry		12.5	0.0247	0.173	12/28/21 02:38	MBM	EPA 8260B

Sample: EL04466-47
Name: SB-107A
Matrix: Solid - Grab

Sampled: 12/21/21 12:35
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	80	%		1		0.050	12/27/21 08:51	SEC	SM 2540G
Volatile Organics - STL									
Benzene	0.117	mg/kg dry		12.5	0.00448	0.0620	12/28/21 03:04	MBM	EPA 8260B
Ethylbenzene	< 0.0620	mg/kg dry		12.5	0.0174	0.0620	12/28/21 03:04	MBM	EPA 8260B
MTBE	< 0.0620	mg/kg dry		12.5	0.00840	0.0620	12/28/21 03:04	MBM	EPA 8260B
Toluene	< 0.0620	mg/kg dry		12.5	0.0188	0.0620	12/28/21 03:04	MBM	EPA 8260B
Xylenes- Total	< 0.186	mg/kg dry		12.5	0.0265	0.186	12/28/21 03:04	MBM	EPA 8260B

Sample: EL04466-48
Name: SB-107B
Matrix: Solid - Grab

Sampled: 12/21/21 12:45
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	80	%		1		0.050	12/27/21 08:51	SEC	SM 2540G
Volatile Organics - STL									
Benzene	0.198	mg/kg dry		12.5	0.00426	0.0589	12/28/21 03:31	MBM	EPA 8260B
Ethylbenzene	< 0.0589	mg/kg dry		12.5	0.0166	0.0589	12/28/21 03:31	MBM	EPA 8260B
MTBE	< 0.0589	mg/kg dry		12.5	0.00799	0.0589	12/28/21 03:31	MBM	EPA 8260B
Toluene	< 0.0589	mg/kg dry		12.5	0.0178	0.0589	12/28/21 03:31	MBM	EPA 8260B
Xylenes- Total	< 0.177	mg/kg dry		12.5	0.0252	0.177	12/28/21 03:31	MBM	EPA 8260B

ANALYTICAL RESULTS

Sample: EL04466-49
Name: SB-108A
Matrix: Solid - Grab

Sampled: 12/21/21 13:05
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	79	%		1		0.050	12/27/21 08:51	SEC	SM 2540G
Volatile Organics - STL									
Benzene	0.136	mg/kg dry		12.5	0.00433	0.0599	12/28/21 03:57	MBM	EPA 8260B
Ethylbenzene	< 0.0599	mg/kg dry		12.5	0.0169	0.0599	12/28/21 03:57	MBM	EPA 8260B
MTBE	< 0.0599	mg/kg dry		12.5	0.00812	0.0599	12/28/21 03:57	MBM	EPA 8260B
Toluene	< 0.0599	mg/kg dry		12.5	0.0181	0.0599	12/28/21 03:57	MBM	EPA 8260B
Xylenes- Total	< 0.180	mg/kg dry		12.5	0.0256	0.180	12/28/21 03:57	MBM	EPA 8260B

Sample: EL04466-50
Name: SB-108B
Matrix: Solid - Grab

Sampled: 12/21/21 13:20
Received: 12/23/21 11:30

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
General Chemistry - STL									
Solids - total solids (TS)	77	%		1		0.050	12/27/21 08:51	SEC	SM 2540G
Volatile Organics - STL									
Benzene	0.131	mg/kg dry		12.5	0.00414	0.0573	12/28/21 04:24	MBM	EPA 8260B
Ethylbenzene	< 0.0573	mg/kg dry		12.5	0.0161	0.0573	12/28/21 04:24	MBM	EPA 8260B
MTBE	< 0.0573	mg/kg dry		12.5	0.00777	0.0573	12/28/21 04:24	MBM	EPA 8260B
Toluene	< 0.0573	mg/kg dry		12.5	0.0173	0.0573	12/28/21 04:24	MBM	EPA 8260B
Xylenes- Total	< 0.172	mg/kg dry		12.5	0.0245	0.172	12/28/21 04:24	MBM	EPA 8260B

NOTES

Specifications regarding method revisions and method modifications used for analysis are available upon request. Please contact your project manager.

* Not a TNI accredited analyte

Certifications

CHI - McHenry, IL - 4314-A W. Crystal Lake Road, McHenry, IL 60050
TNI Accreditation for Drinking Water and Wastewater Fields of Testing through IL EPA Accreditation No. 100279
Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL - 2231 W. Altorfer Drive, Peoria, IL 61615
TNI Accreditation for Drinking Water, Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. 100230
Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17553
Drinking Water Certifications/Accreditations: Iowa (240); Kansas (E-10338); Missouri (870)
Wastewater Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)
Solid and Hazardous Material Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPMO - Springfield, MO - 1805 W Sunset Street, Springfield, MO 65807
USEPA DMR-QA Program

STL - Hazelwood, MO - 944 Anglum Rd, Hazelwood, MO 63042
TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through KS KDHE Certification No. E-10389
TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. - 200080
Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory, Registry No. 171050
Missouri Department of Natural Resources - Certificate of Approval for Microbiological Laboratory Service - No. 1050

Qualifiers

Mrl Reporting limit set between LOQ and MDL

Certified by: Chenise Lambert-Sykes, Project Manager

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REGULATORY PROGRAM (Check one:)		NPDES	
MORBCA	☐	RCRA	☐
CCDD	☐	TACO: RES OR IND/COMM	☒

CHAIN OF CUSTODY RECORD

STATE WHERE SAMPLE COLLECTED: IL

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1 CLIENT	PROJECT NUMBER	PROJECT LOCATION	PURCHASE ORDER #
Green Wave Consulting, LLC	991895	Quik n EZ - Peoria Rd.	
ADDRESS	**PHONE NUMBER**	**E-MAIL**	**DATE SHIPPED**
4440 Ash Grove Dr, Suite A	(217) 726-7569	jeffw@greenwave.com	
CITY STATE ZIP Springfield, IL 62711	**SAMPLER (PLEASE PRINT)** Joe Buhlig, Dave Nowack	**MATRIX TYPES:** WW-WASTEWATER, DW-DRINKING WATER, GW-GROUND WATER, WWSL-SLUDGE, NAS-NON AQUEOUS SOLID, LCHT-LEACHATE, OL-OIL, SO-SOIL, SOL-SOLID	
CONTACT PERSON Jeff Wienhoff	**SAMPLER'S SIGNATURE**		

2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	SAMPLE TYPE COMP	MATRIX TYPE	BOTTLE COUNT	PRES CODE (CLIENT PROVIDED)	3 ANALYSIS REQUESTED: BTEX/MTBE	REMARKS
MW-16 A	12/20/21	8:15	X		SO	4		X	
MW-16 B		8:30							
MW-17 A		9:10							
MW-17 B		9:25							
SB-101 A		10:10							
SB-101 B		10:20							
SB-102 A		10:30							
SB-102 B		10:45							
SB-103 A		11:00							
SB-103 B		11:15							
SB-104 A		11:30							

4 (FOR LAB USE ONLY)
LOGIN #: FL044616
LOGGED BY:
CLIENT: Green Wave
PROJECT:
PROJ. MGR.: Michael Austin
CUSTODY SEAL #:

CHEMICAL PRESERVATION CODES: 1 – HCL | 2 – H2SO4 | 3 – HNO3 | 4 – NAOH | 5 – NA2S2O3 | 6 – UNPRESERVED | 7 – OTHER

5 TURNAROUND TIME REQUESTED (PLEASE CHECK) (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE): ☒ NORMAL ☐ RUSH
DATE RESULTS NEEDED:
RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL ☐ PHONE ☐
EMAIL IF DIFFERENT FROM ABOVE:
PHONE # IF DIFFERENT FROM ABOVE:

6 *I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may NOT be acceptable to report to all regulatory authorities.*
PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS) _____

7	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	12/21/21	3:00	David Nowak	12/21/21	3:00
RELINQUISHED BY: (SIGNATURE)	12/23/21	8:54	RECEIVED BY: (SIGNATURE)	12/22	1730
RELINQUISHED BY: (SIGNATURE)	12/22		RECEIVED BY: (SIGNATURE)	12/23/21	1130

8 COMMENTS: (FOR LAB USE ONLY)

SAMPLE TEMPERATURE UPON RECEIPT: 4.9 °C
CHILL PROCESS STARTED PRIOR TO RECEIPT: Y OR N
SAMPLE(S) RECEIVED ON ICE: Y OR N
SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED: Y OR N
DATE AND TIME TAKEN FROM SAMPLE BOTTLE: _____

Qualtrax ID #3219

1130

000333

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CCDD	☐	RCRA	☐
		TACO: RES OR IND/COMM	☒

CHAIN OF CUSTODY RECORD

STATE WHERE SAMPLE COLLECTED: IL

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1 CLIENT	PROJECT NUMBER	PROJECT LOCATION	PURCHASE ORDER #
Green Wave Consulting, LLC	991895	Qik n EZ - Peoria Rd.	
ADDRESS	**PHONE NUMBER**	**E-MAIL**	**DATE SHIPPED**
4440 Ash Grove Dr, Suite A	(217) 726-7569	jeffw@greenwave.com	
CITY STATE ZIP Springfield, IL 62711	**SAMPLER (PLEASE PRINT)** Joe Buhlig, Dave Nowack	**MATRIX TYPES:** WW- WASTEWATER; DW- DRINKING WATER; GW- GROUND WATER; WWSL- SLUDGE; NAS- NON AQUEOUS SOLID; LCHT-LEACHATE; OIL-OIL; SO-SOIL; SOL-SOLID	
CONTACT PERSON Jeff Wienhoff	**SAMPLER'S SIGNATURE**		

2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	SAMPLE TYPE COMP	MATRIX TYPE	BOTTLE COUNT	PRES CODE (CLIENT PROVIDED)	3 ANALYSIS REQUESTED: BTEX/MTBE	REMARKS
SB-104 B	12/20/21	11:40	X		SO	4		X	
SB-105 A		11:50							
SB-105 B		12:00							
CA-10 C		12:15							
CA-10 D		12:30							
CA-20 C		12:50							
CA-20 D		1:00							
CA-19 C		1:20							
CA-19 D		1:30							
CA-18 C		1:50							
CA-18 D		2:00							

4 (FOR LAB USE ONLY)
LOGIN #: EL044666
LOGGED BY:
CLIENT: Green Wave
PROJECT:
PROJ. MGR.: Michael Austin
CUSTODY SEAL #:

CHEMICAL PRESERVATION CODES: 1 – HCL | 2 – H2SO4 | 3 – HNO3 | 4 – NAOH | 5 – NA2S2O3 | 6 – UNPRESERVED | 7 – OTHER

5 TURNAROUND TIME REQUESTED (PLEASE CHECK) (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE): ☒ NORMAL ☐ RUSH
DATE RESULTS NEEDED:
RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL ☐ PHONE ☐
EMAIL IF DIFFERENT FROM ABOVE:
PHONE # IF DIFFERENT FROM ABOVE:

6 *I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may NOT be acceptable to report to all regulatory authorities.*
PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS) _____

7 RELINQUISHED BY: (SIGNATURE)	DATE / TIME	RECEIVED BY: (SIGNATURE)	DATE / TIME
	12/21/21 3:00	David Nowak	12/21/21 3:00
RELINQUISHED BY: (SIGNATURE) David Nowak	12/23/21 854	RECEIVED BY: (SIGNATURE) MK	DATE 12/23 TIME 1130
RELINQUISHED BY: (SIGNATURE)	DATE 12/22 TIME 1130	RECEIVED BY: (SIGNATURE)	DATE 12/23/21 TIME 1130

8 COMMENTS: (FOR LAB USE ONLY)

SAMPLE TEMPERATURE UPON RECEIPT: 1.9 °C
CHILL PROCESS STARTED PRIOR TO RECEIPT: Y OR N
SAMPLE(S) RECEIVED ON ICE: Y OR N
SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED: Y OR N
DATE AND TIME TAKEN FROM SAMPLE BOTTLE:

Qualtrax ID #3219

000334

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REGULATORY PROGRAM (Check one:)		NPDES	
MORBCA		RCRA	
CCDD		TACO: RES OR IND/COMM	X

CHAIN OF CUSTODY RECORD

STATE WHERE SAMPLE COLLECTED: IL

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1 CLIENT	PROJECT NUMBER	PROJECT LOCATION	PURCHASE ORDER #
Green Wave Consulting, LLC	991895	Qik n EZ - Peoria Rd.	
ADDRESS	**PHONE NUMBER**	**E-MAIL**	**DATE SHIPPED**
4440 Ash Grove Dr, Suite A	(217) 726-7569	jeffw@greenwave.com	
CITY STATE ZIP Springfield, IL 62711	**SAMPLER (PLEASE PRINT)** Joe Buhlig, Dave Nowack	**MATRIX TYPES:** WW-WASTEWATER, DW-DRINKING WATER, GW-GROUND WATER, WWSL-SLUDGE, NAS-NON AQUEOUS SOLID, LCHT-LEACHATE, OIL-OIL, SO-SOIL, SOL-SOLID	
CONTACT PERSON Jeff Wienhoff	**SAMPLER'S SIGNATURE**		

2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	SAMPLE TYPE COMP	MATRIX TYPE	BOTTLE COUNT	PRES CODE (CLIENT PROVIDED)	3 ANALYSIS REQUESTED: BTEX/MTBE	REMARKS
CA-17 C	12/20/21	2:15	X		50	4		X	
CA-17 D		2:30							
CA-16 C		2:55							
CA-16 D		3:15							
CA-15 C		3:30							
CA-15 D		3:45							
CA-14 C		4:00							
CA-14 D		4:15							
CA-13 C		4:30							
CA-13 D		4:40							
CA-11 C	12/21/21	8:20							

4 (FOR LAB USE ONLY)
LOGIN # E104416
LOGGED BY:
CLIENT: Green Wave
PROJECT:
PROJ. MGR.: Michael Austin
CUSTODY SEAL #:

CHEMICAL PRESERVATION CODES: 1 – HCL | 2 – H2SO4 | 3 – HNO3 | 4 – NAOH | 5 – NA2S2O3 | 6 – UNPRESERVED | 7 – OTHER

5 TURNAROUND TIME REQUESTED (PLEASE CHECK) (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE): [X] NORMAL [ ] RUSH — DATE RESULTS NEEDED
RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL [ ] PHONE [ ]
EMAIL IF DIFFERENT FROM ABOVE: PHONE # IF DIFFERENT FROM ABOVE:

6 *I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may NOT be acceptable to report to all regulatory authorities.*
PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS)

7	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	12/21/21	3:00	David Mowan	12/21/21	3200
RELINQUISHED BY: (SIGNATURE) David Mowan	12/23/21	854	RECEIVED BY: (SIGNATURE)	12/23/21	855
RELINQUISHED BY: (SIGNATURE)	12/22	1130	RECEIVED BY: (SIGNATURE) Geo Clark	12/23/21	1130

8 COMMENTS: (FOR LAB USE ONLY)

SAMPLE TEMPERATURE UPON RECEIPT 1.9 °C
CHILL PROCESS STARTED PRIOR TO RECEIPT Y OR N
SAMPLE(S) RECEIVED ON ICE Y OR N
SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED Y OR N
DATE AND TIME TAKEN FROM SAMPLE BOTTLE

Qualtrax ID #3219

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REGULATORY PROGRAM (Check one:)		NPDES	
MORBCA	☐	RCRA	☐
CCDD	☐	TACO: RES OR IND/COMM	☒

CHAIN OF CUSTODY RECORD

STATE WHERE SAMPLE COLLECTED: IL

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1 CLIENT	PROJECT NUMBER	PROJECT LOCATION	PURCHASE ORDER #
Green Wave Consulting, LLC	99189S	Oak n E2 - Peoria Rd.	
ADDRESS	**PHONE NUMBER**	**E-MAIL**	**DATE SHIPPED**
4440 Ash Grove Dr, Suite A	(217) 726-7569	jeffw@greenwave.com	
CITY STATE ZIP	**SAMPLER (PLEASE PRINT)**		
Springfield, IL 62711	Joe Buhlig Dave Nowack		
CONTACT PERSON	**SAMPLER'S SIGNATURE**		
Jeff Wienhoff			

MATRIX TYPES: WW-WASTEWATER; DW-DRINKING WATER; GW-GROUND WATER; WWSL-SLUDGE; NAS-NON AQUEOUS SOLID; LCHT-LEACHATE; OIL-OIL; SO-SOIL; SOL-SOLID

3 ANALYSIS REQUESTED: BTEX / MTBE

4 (FOR LAB USE ONLY)
LOGIN # ELD44162
LOGGED BY:
CLIENT: Green Wave
PROJECT:
PROJ. MGR.: Michael Austin
CUSTODY SEAL #:

2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	SAMPLE TYPE COMP	MATRIX TYPE	BOTTLE COUNT	PRES CODE (CLIENT PROVIDED)	BTEX / MTBE	REMARKS
CA-11D	12/21/21	8:35	X		SO	4		X	
CA-9C		8:50							
CA-9D		9:00							
CA 8C		9:20							
CA 8D		9:45							
CA-7C		10:00							
CA-7D		10:15							
CA-25C		10:40							
CA-25D		11:00							
CA-24C		11:15							
CA-24D		11:30							

CHEMICAL PRESERVATION CODES: 1 – HCL | 2 – H2SO4 | 3 – HNO3 | 4 – NAOH | 5 – NA2S2O3 | 6 – UNPRESERVED | 7 – OTHER

5 TURNAROUND TIME REQUESTED (PLEASE CHECK) (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE): ☒ NORMAL ☐ RUSH
DATE RESULTS NEEDED:
RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL ☐ PHONE ☐
EMAIL IF DIFFERENT FROM ABOVE:
PHONE # IF DIFFERENT FROM ABOVE:

6 *I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may NOT be acceptable to report to all regulatory authorities.*
PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS)

7		DATE	TIME
RELINQUISHED BY: (SIGNATURE)		12/21/21	3:00
RECEIVED BY: (SIGNATURE)	David Nowack	12/21/21	3:00
RELINQUISHED BY: (SIGNATURE)	David Nowack	12/23/21	8:54
RECEIVED BY: (SIGNATURE)		12/23/21	8:54
RELINQUISHED BY: (SIGNATURE)	MB	12/22	11:30
RECEIVED BY: (SIGNATURE)	Jill Clark	12/23/21	11:30

8 COMMENTS: (FOR LAB USE ONLY)

SAMPLE TEMPERATURE UPON RECEIPT: 1.9 °C
CHILL PROCESS STARTED PRIOR TO RECEIPT: Y OR N
SAMPLE(S) RECEIVED ON ICE: Y OR N
SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED: Y OR N
DATE AND TIME TAKEN FROM SAMPLE BOTTLE:

Qualtrax ID #3219

000336

PDC LABORATORIES, INC.
WWW.PDCLAB.COM

REGULATORY PROGRAM (Check one:)		NPDES	
MORBCA	☐	RCRA	☐
CCDD	☐	TACO: RES OR IND/COMM	☒

CHAIN OF CUSTODY RECORD

STATE WHERE SAMPLE COLLECTED: IL

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1 CLIENT: Green Wave Consulting, LLC
ADDRESS: 4440 Ash Grove Dr, Suite A
CITY STATE ZIP: Springfield, IL 62711
CONTACT PERSON: Jeff Wienhoff

PROJECT NUMBER: 991895
PROJECT LOCATION: Quik n EZ - Peoria Rd.
PURCHASE ORDER #:
PHONE NUMBER: (217) 726-7569
E-MAIL: jeffw@greenwave.com
DATE SHIPPED:
SAMPLER (PLEASE PRINT): Joe Bichlij / Dave Nowack
SAMPLER'S SIGNATURE:

MATRIX TYPES:
WW- WASTEWATER
DW- DRINKING WATER
GW- GROUND WATER
WWSL- SLUDGE
NAS- NON AQUEOUS SOLID
LCHT-LEACHATE
OIL-OIL
SO-SOIL
SOL-SOLID

3 ANALYSIS REQUESTED: BTEX / MTBE

4 (FOR LAB USE ONLY)
LOGIN #: EL044612
LOGGED BY:
CLIENT: Green Wave
PROJECT:
PROJ. MGR.: Michael Austin
CUSTODY SEAL #:

2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	SAMPLE TYPE COMP	MATRIX TYPE	BOTTLE COUNT	PRES CODE (CLIENT PROVIDED)	BTEX / MTBE	REMARKS
SB-106 A	12/21/21	11:50	X		SO	4		X	
SB-106 B		12:15							
SB-107 A		12:35							
SB-107 B		12:45							
SB-108 A		1:05							
SB-108 B		1:20							

CHEMICAL PRESERVATION CODES: 1 – HCL | 2 – H2SO4 | 3 – HNO3 | 4 – NAOH | 5 – NA2S2O3 | 6 – UNPRESERVED | 7 – OTHER

5 TURNAROUND TIME REQUESTED (PLEASE CHECK) (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE): ☒ NORMAL ☐ RUSH
DATE RESULTS NEEDED:
RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL ☐ PHONE ☐
EMAIL IF DIFFERENT FROM ABOVE:
PHONE # IF DIFFERENT FROM ABOVE:

6 *I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may NOT be acceptable to report to all regulatory authorities.*
PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS)

7		DATE	TIME		DATE	TIME
RELINQUISHED BY: (SIGNATURE)		12/21/21	300	RECEIVED BY: (SIGNATURE)	12/21/21	300
RELINQUISHED BY: (SIGNATURE)		12/23/21	854	RECEIVED BY: (SIGNATURE)	12/23/21	855
RELINQUISHED BY: (SIGNATURE)		12/22	1130	RECEIVED BY: (SIGNATURE)	12/23/21	1130

8 COMMENTS: (FOR LAB USE ONLY)

SAMPLE TEMPERATURE UPON RECEIPT: 1.9 °C
CHILL PROCESS STARTED PRIOR TO RECEIPT: Y OR N
SAMPLE(S) RECEIVED ON ICE: Y OR N
SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED: Y OR N
DATE AND TIME TAKEN FROM SAMPLE BOTTLE:

Qualtrax ID #3219

Illinois Environmental Protection Agency

Bureau of Land • 1021 N. Grand Avenue E. • P.O. Box 19276 • Springfield • Illinois • 62794-9276

The Agency is authorized to require this information under Section 4 and Title XVI of the Environmental Protection Act (415 ILCS 5/4, 5/57 – 57.17). Failure to disclose this information may result in a civil penalty of not to exceed $50,000.00 for the violation and an additional civil penalty of not to exceed $10,000.00 for each day during which the violation continues (415 ILCS 5/42). Any person who knowingly makes a false material statement or representation, orally or in writing, in any label, manifest, record, report, permit, or license, or other document filed, maintained or used for the purpose of compliance with Title XVI commits a Class 4 felony. Any second or subsequent offense after conviction hereunder is a Class 3 felony (415 ILCS 5/44 and 57.17). This form has been approved by the Forms Management Center.

Leaking Underground Storage Tank Program
Laboratory Certification for Chemical Analysis

A. Site Identification

IEMA Incident # (6- or 8-digit): 20201063 IEPA LPC# (10-digit): 1671205520

Site Name: Qik-n-Ez

Site Address (Not a P.O. Box): 2800 North Peoria Road

City: Springfield County: Sangamon ZIP Code: 62702

Leaking UST Technical File

B. Sample Collector

I certify that:

1. Appropriate sampling equipment/methods were utilized to obtain representative samples. JB (Initial)
2. Chain-of-custody procedures were followed in the field. JB (Initial)
3. Sample integrity was maintained by proper preservation. JB (Initial)
4. All samples were properly labeled. JB (Initial)

C. Laboratory Representative

I certify that: EL04466

1. Proper chain-of-custody procedures were followed as documented on the chain-of-custody forms CMS (Initial)
2. Sample integrity was maintained by proper preservation. CMS (Initial)
3. All samples were properly labeled. CMS (Initial)
4. Quality assurance/quality control procedures were established and carried out. CMS (Initial)
5. Sample holding times were not exceeded. CMS (Initial)

6. SW-846 Analytical Laboratory Procedure (USEPA) methods were used for the analyses.

7. An accredited lab performed quantitative analysis using test methods identified in 35 IAC 186.180 (for samples collected on or after January 1, 2003).

CMS (Initial)
CMS (Initial)

D. Signatures

I hereby affirm that all information contained in this form is true and accurate to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sample Collector

Name Joe Buhlig
Title Sr. Project Manager
Company Green Wave Consulting, LLC
Address 4440 Ash Grove Drive, Suite A
City Springfield
State Illinois
Zip Code 62711
Phone 217-726-7569
Signature
Date

Laboratory Representative

Name Cherise Lambert-Sykes
Title Project Manager
Company PDC Laboratories, Inc.
Address 944 Anglum Road
City Hazelwood
State Missouri
Zip Code 63042
Phone 800-333-3278
Signature
Date 1-3-22

PDC Laboratories

PROFESSIONAL • DEPENDABLE • COMMITTED

January 11, 2022

Jeff Wienhoff
Green Wave Consulting, LLC
4440 Ash Grove Drive Suite A
Springfield, IL 62711

RE: 20201063-Qik-n-EZ-Peoria Rd

Dear Jeff Wienhoff:

Please find enclosed the analytical results for the **5** sample(s) the laboratory received on **1/6/22 1:35 pm** and logged in under work order **FA01281**. All testing is performed according to our current TNI accreditations unless otherwise noted. This report cannot be reproduced, except in full, without the written permission of PDC Laboratories.

If you have any questions regarding your report, please contact your project manager. Quality and timely data is of the utmost importance to us.

PDC Laboratories. appreciates the opportunity to provide you with analytical expertise. We are always trying to improve our customer service and we welcome you to contact the Director of Client Services, Lisa Grant, with any feedback you have about your experience with our laboratory at 309-683-1764 or lgrant@pdclab.com.

Sincerely,

Chenise Lambert-Sykes
Project Manager
lscyl
clambert-sykes@pdclab.com

SAMPLE RECEIPT CHECK LIST

Items not applicable will be marked as in compliance

Work Order FA01281

YES	Samples received within temperature compliance when applicable
YES	COC present upon sample receipt
YES	COC completed & legible
NO	Sampler name & signature present
YES	Unique sample IDs assigned
YES	Sample collection location recorded
YES	Date & time collected recorded on COC
YES	Relinquished by client signature on COC
YES	COC & labels match
YES	Sample labels are legible
YES	Appropriate bottle(s) received
YES	Sufficient sample volume received
YES	Sample containers received undamaged
YES	Zero headspace, <6 mm present in VOA vials
NO	Trip blank(s) received
YES	All non-field analyses received within holding times
NO	Short hold time analysis
YES	Current PDC COC submitted
NO	Case narrative provided

ANALYTICAL RESULTS

Sample: FA01281-01
Name: MW-16
Matrix: Ground Water - Grab

Sampled: 01/04/22 10:25
Received: 01/06/22 13:35

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
Volatile Organics - STL									
Benzene	< 0.00500	mg/L		1	0.000510	0.00500	01/07/22 16:48	LEC	EPA 8260B
Ethylbenzene	< 0.00500	mg/L		1	0.000162	0.00500	01/07/22 16:48	LEC	EPA 8260B
MTBE	< 0.00500	mg/L		1	0.00108	0.00500	01/07/22 16:48	LEC	EPA 8260B
Toluene	< 0.00500	mg/L		1	0.000537	0.00500	01/07/22 16:48	LEC	EPA 8260B
Xylenes- Total	< 0.0150	mg/L		1	0.0150	0.0150	01/07/22 16:48	LEC	EPA 8260B

Sample: FA01281-02
Name: MW-17
Matrix: Ground Water - Grab

Sampled: 01/04/22 10:40
Received: 01/06/22 13:35

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
Volatile Organics - STL									
Benzene	< 0.00500	mg/L		1	0.000510	0.00500	01/07/22 17:14	LEC	EPA 8260B
Ethylbenzene	< 0.00500	mg/L		1	0.000162	0.00500	01/07/22 17:14	LEC	EPA 8260B
MTBE	< 0.00500	mg/L		1	0.00108	0.00500	01/07/22 17:14	LEC	EPA 8260B
Toluene	< 0.00500	mg/L		1	0.000537	0.00500	01/07/22 17:14	LEC	EPA 8260B
Xylenes- Total	< 0.0150	mg/L		1	0.0150	0.0150	01/07/22 17:14	LEC	EPA 8260B

Sample: FA01281-03
Name: MW-18
Matrix: Ground Water - Grab

Sampled: 01/04/22 11:05
Received: 01/06/22 13:35

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
Volatile Organics - STL									
Benzene	< 0.00500	mg/L		1	0.000510	0.00500	01/07/22 17:39	LEC	EPA 8260B
Ethylbenzene	< 0.00500	mg/L		1	0.000162	0.00500	01/07/22 17:39	LEC	EPA 8260B
MTBE	< 0.00500	mg/L		1	0.00108	0.00500	01/07/22 17:39	LEC	EPA 8260B
Toluene	< 0.00500	mg/L		1	0.000537	0.00500	01/07/22 17:39	LEC	EPA 8260B
Xylenes- Total	< 0.0150	mg/L		1	0.0150	0.0150	01/07/22 17:39	LEC	EPA 8260B

ANALYTICAL RESULTS

Sample: FA01281-04
Name: MW-19
Matrix: Ground Water - Grab

Sampled: 01/04/22 11:40
Received: 01/06/22 13:35

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
Volatile Organics - STL									
Benzene	< 0.00500	mg/L		1	0.000510	0.00500	01/07/22 18:05	LEC	EPA 8260B
Ethylbenzene	< 0.00500	mg/L		1	0.000162	0.00500	01/07/22 18:05	LEC	EPA 8260B
MTBE	0.0154	mg/L		1	0.00108	0.00500	01/07/22 18:05	LEC	EPA 8260B
Toluene	< 0.00500	mg/L		1	0.000537	0.00500	01/07/22 18:05	LEC	EPA 8260B
Xylenes- Total	< 0.0150	mg/L		1	0.0150	0.0150	01/07/22 18:05	LEC	EPA 8260B

Sample: FA01281-05
Name: MW-20
Matrix: Ground Water - Grab

Sampled: 01/04/22 11:50
Received: 01/06/22 13:35

Parameter	Result	Unit	Qualifier	Dilution	MDL	MRL	Analyzed	Analyst	Method
Volatile Organics - STL									
Benzene	< 0.00500	mg/L		1	0.000510	0.00500	01/07/22 18:31	LEC	EPA 8260B
Ethylbenzene	< 0.00500	mg/L		1	0.000162	0.00500	01/07/22 18:31	LEC	EPA 8260B
MTBE	< 0.00500	mg/L		1	0.00108	0.00500	01/07/22 18:31	LEC	EPA 8260B
Toluene	< 0.00500	mg/L		1	0.000537	0.00500	01/07/22 18:31	LEC	EPA 8260B
Xylenes- Total	< 0.0150	mg/L		1	0.0150	0.0150	01/07/22 18:31	LEC	EPA 8260B

NOTES

Specifications regarding method revisions and method modifications used for analysis are available upon request. Please contact your project manager.

* Not a TNI accredited analyte

Certifications

CHI - McHenry, IL - 4314-A W. Crystal Lake Road, McHenry, IL 60050
TNI Accreditation for Drinking Water and Wastewater Fields of Testing through IL EPA Accreditation No. 100279
Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17556

PIA - Peoria, IL - 2231 W. Altorfer Drive, Peoria, IL 61615
TNI Accreditation for Drinking Water, Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. 100230
Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory Registry No. 17553
Drinking Water Certifications/Accreditations: Iowa (240); Kansas (E-10338); Missouri (870)
Wastewater Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)
Solid and Hazardous Material Certifications/Accreditations: Arkansas (88-0677); Iowa (240); Kansas (E-10338)

SPMO - Springfield, MO - 1805 W Sunset Street, Springfield, MO 65807
USEPA DMR-QA Program

STL - Hazelwood, MO - 944 Anglum Rd, Hazelwood, MO 63042
TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through KS KDHE Certification No. E-10389
TNI Accreditation for Wastewater, Solid and Hazardous Material Fields of Testing through IL EPA Accreditation No. - 200080
Illinois Department of Public Health Bacterial Analysis in Drinking Water Approved Laboratory, Registry No. 171050
Missouri Department of Natural Resources - Certificate of Approval for Microbiological Laboratory Service - No. 1050

Certified by: Chenise Lambert-Sykes, Project Manager

PDC LABORATORIES, INC.
WWW.PDCLAB.COM

REGULATORY PROGRAM (Check one:)		NPDES	
MORBCA	☐	RCRA	☐
CCDD	☐	TACO: RES OR IND/COMM	☒

CHAIN OF CUSTODY RECORD

STATE WHERE SAMPLE COLLECTED: IL

ALL HIGHLIGHTED AREAS MUST BE COMPLETED BY CLIENT (PLEASE PRINT)

1 CLIENT	PROJECT NUMBER	PROJECT LOCATION	PURCHASE ORDER #
Green Wave Consulting, LLC	20201063	Qik-n-Ez - Peoria Rd	
ADDRESS	**PHONE NUMBER**	**E-MAIL**	**DATE SHIPPED**
4440 Ash Grove Dr, Suite A	(217) 726-7569	jeffw@greenwave.com	
CITY STATE ZIP	**SAMPLER (PLEASE PRINT)**		**MATRIX TYPES:**
Springfield, IL 62711	Joe Burris, Dave Nowak		WW-WASTEWATER, DW-DRINKING WATER, GW-GROUND WATER, WWSL-SLUDGE, NAS-NON AQUEOUS SOLID, LCHT-LEACHATE, OIL-OIL, SO-SOIL, SOL-SOLID
CONTACT PERSON	**SAMPLER'S SIGNATURE**		
Jeff Wienhoff			

2 SAMPLE DESCRIPTION (UNIQUE DESCRIPTION AS IT WILL APPEAR ON THE ANALYTICAL REPORT)	DATE COLLECTED	TIME COLLECTED	SAMPLE TYPE GRAB	SAMPLE TYPE COMP	MATRIX TYPE	BOTTLE COUNT	PRES CODE (CLIENT PROVIDED)	3 ANALYSIS REQUESTED: BTEX/MTBE	REMARKS
MW-16	1/4/22	10:25	X		GW	2		X	
MW-17		10:40							
MW-18		11:05							
MW-19		11:40							
MW-20		11:50							

4 (FOR LAB USE ONLY)
LOGIN #: FAO 1281
LOGGED BY:
CLIENT: Green Wave
PROJECT:
PROJ. MGR.: Michael Austin
CUSTODY SEAL #:

CHEMICAL PRESERVATION CODES: 1 – HCL | 2 – H2SO4 | 3 – HNO3 | 4 – NAOH | 5 – NA2S2O3 | 6 – UNPRESERVED | 7 – OTHER

5 TURNAROUND TIME REQUESTED (PLEASE CHECK) (RUSH TAT IS SUBJECT TO PDC LABS APPROVAL AND SURCHARGE): ☒ NORMAL ☐ RUSH — DATE RESULTS NEEDED

RUSH RESULTS VIA (PLEASE CIRCLE) EMAIL ☐ PHONE ☐

EMAIL IF DIFFERENT FROM ABOVE: PHONE # IF DIFFERENT FROM ABOVE:

6 *I understand that by initialing this box I give the lab permission to proceed with analysis, even though it may not meet all sample conformance requirements as defined in the receiving facility's Sample Acceptance Policy and the data will be qualified. Qualified data may NOT be acceptable to report to all regulatory authorities.*

PROCEED WITH ANALYSIS AND QUALIFY RESULTS: (INITIALS) _____

7	DATE	TIME	RECEIVED BY: (SIGNATURE)	DATE	TIME
RELINQUISHED BY: (SIGNATURE)	1/6/22	6:00		1/6/22	1:00
RELINQUISHED BY: (SIGNATURE)	1/6/22	1:30	RECEIVED BY: (SIGNATURE)	1/6/22	7:35
RELINQUISHED BY: (SIGNATURE)	1/6/22	1500	RECEIVED BY: (SIGNATURE)	1/7/22	0730
Qualtrax ID #3219	1/7/22	11:00	Jeff Clark	1/7/22 @ 1100	

8 COMMENTS: (FOR LAB USE ONLY)

SAMPLE TEMPERATURE UPON RECEIPT: 3.0 °C
CHILL PROCESS STARTED PRIOR TO RECEIPT: (Y) OR N
SAMPLE(S) RECEIVED ON ICE: (Y) OR N
SAMPLE ACCEPTANCE NONCONFORMANT REPORT IS NEEDED: Y OR (N)
DATE AND TIME TAKEN FROM SAMPLE BOTTLE: _____

Page 6 of 8

Page 1 of 1

000345

Illinois Environmental Protection Agency

Bureau of Land • 1021 N. Grand Avenue E. • P.O. Box 19276 • Springfield • Illinois • 62794-9276

The Agency is authorized to require this information under Section 4 and Title XVI of the Environmental Protection Act (415 ILCS 5/4, 5/57 – 57.17). Failure to disclose this information may result in a civil penalty of not to exceed $50,000.00 for the violation and an additional civil penalty of not to exceed $10,000.00 for each day during which the violation continues (415 ILCS 5/42). Any person who knowingly makes a false material statement or representation, orally or in writing, in any label, manifest, record, report, permit, or license, or other document filed, maintained or used for the purpose of compliance with Title XVI commits a Class 4 felony. Any second or subsequent offense after conviction hereunder is a Class 3 felony (415 ILCS 5/44 and 57.17). This form has been approved by the Forms Management Center.

Leaking Underground Storage Tank Program
Laboratory Certification for Chemical Analysis

A. Site Identification

IEMA Incident # (6- or 8-digit): 20201063 IEPA LPC# (10-digit): 1671205520

Site Name: Qik-n-Ez

Site Address (Not a P.O. Box): 2800 North Peoria Road

City: Springfield County: Sangamon ZIP Code: 62702

Leaking UST Technical File

B. Sample Collector

I certify that:

1. Appropriate sampling equipment/methods were utilized to obtain representative samples. JB (Initial)
2. Chain-of-custody procedures were followed in the field. JB (Initial)
3. Sample integrity was maintained by proper preservation. JB (Initial)
4. All samples were properly labeled. JB (Initial)

C. Laboratory Representative

I certify that: FA012B1

1. Proper chain-of-custody procedures were followed as documented on the chain-of-custody forms CJS (Initial)
2. Sample integrity was maintained by proper preservation. CJS (Initial)
3. All samples were properly labeled. CJS (Initial)
4. Quality assurance/quality control procedures were established and carried out. CJS (Initial)
5. Sample holding times were not exceeded. CJS (Initial)

6. SW-846 Analytical Laboratory Procedure (USEPA) methods were used for the analyses. CJS (Initial)

7. An accredited lab performed quantitative analysis using test methods identified in 35 IAC 186.180 (for samples collected on or after January 1, 2003). CJS (Initial)

D. Signatures

I hereby affirm that all information contained in this form is true and accurate to the best of my knowledge and belief. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sample Collector

Name Joe Buhlig
Title Sr. Project Manager
Company Green Wave Consulting, LLC
Address 4440 Ash Grove Drive, Suite A
City Springfield
State Illinois
Zip Code 62711
Phone 217-726-7569
Signature
Date 1/4/22

Laboratory Representative

Name Chenise Lambert-Sykes
Title Project Manager
Company PDC Laboratories, Inc.
Address 944 Anglum Road
City Hazelwood
State Missouri
Zip Code 63042
Phone 800-333-3278
Signature
Date 01/11/22

ATTACHMENT 4

Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

Leaking Underground Storage Tank Program
SSL Input Parameters for Use with Tier 2 Calculations

A. Site Identification

IEMA Incident # (6- or 8-digit): 942157...20201063 IEPA LPC # (10-digit): 1671205520

Site Name: Qik-N-EZ

Site Address (not a P.O. Box): 2800 North Peoria Road

City: Springfield County: Sangamon Zip Code: 62702

Leaking UST Technical File

B. Tier 2 Calculation Information

Equation(s) Used (ex: S12, S17, S28): Benzene: S6, S17, S18

Contact Information for Individual Who Performed Calculations:

Shawn D. Wolfe, Senior Project Manager
Green Wave Consulting, LLC (217) 726-7569

Land Use: Residential USDA Soil Type: Silt Loam

Groundwater: ◉Class I ○Class II

Mass Limit: ◉Yes ○No If Yes, then specify acreage: ○0.5 ◉1 ○2 ○5 ○10 ○30

- Mass Limit Acreage other than defaults must always be rounded up.
- Failure to use site-specific parameters where allowed could affect payment from the Underground Storage Tank Fund.
- Maps depicting source width, plume dimensions, distance, etc. must also be submitted.
- Inputs must be submitted in the designated unit.

Symbol			Units
AT (ingestion)	=		yr
AT (inhalation)	=		yr
AT_c	=	70	yr
BW	=		kg
C_{soil}	=		mg/kg
C_w	=	0.1	mg/L
d	=		m

Symbol			Units
d_a	=		m
d_s	=	2.7432	m
D_A	=	0.000197	cm^2/s
D_i	=	0.0880	cm^2/s
D_w	=	0.0000102	cm^2/s
DF	=	20	unitless
ED (ingestion of carcinogens)	=		yr

[redacted] Symbol [redacted]			Units
ED (inhalation of carcinogens)	=	30	yr
ED (ingestion of noncarcinogens)	=		yr
ED (inhalation of noncarcinogens)	=		yr
ED (ingestion of groundwater)	=		yr
ED_{M-L}	=	70	yr
EF	=	350	d/yr
F(x)	=	0.194	unitless
f_{oc}	=	0.00998	g/g
GW_{obj}	=	0.005	mg/L
H'	=	0.230	unitless
i	=		m/m
I	=	0.3	m/yr
I_{M-L}	=	0.18	m/yr
$IF_{soil-adj}$	=	114	(mg-yr)/(kg-d)
IR_{soil}	=		mg/d
IR_w	=		L/d
K	=		m/yr
K_d (non-ionizing organics)	=		cm^3/g or L/kg
K_d (ionizing organics)	=	0.499	cm^3/g or L/kg
K_d (inorganics)	=		cm^3/g or L/kg

Symbol			Units
K_{oc}	=	50.0	cm^3/g or L/kg
K_s	=	120	m/yr
L	=		m
PEF	=		m^3/kg
PEF'	=		m^3/kg
Q/C (VF equations)	=	85.81 Mass Limit 68.81 Inf. Source	$(g/m^2\text{-}s)/(kg/m^3)$
Q/C (PEF equations)	=		$(g/m^2\text{-}s)/(kg/m^3)$
RfC	=		mg/m^3
RfD_o	=		mg/(kg-d)
S	=		mg/L
SF_o	=		$(mg/kg\text{-}d)^{-1}$
T	=	950,000,000	s
T_{M-L}	=	30	yr
THQ	=	1	unitless
TR	=	1.0E-06	unitless
U_m	=	4.69	m/s
URF	=	0.0000078	$(\mu g/m^3)^{-1}$
U_t	=	11.32	m/s
V	=		unitless
VF	=	8,883.29	m^3/kg

Incident #: 942157...20201063 Chemical: Benzene Land Use: Residential

Symbol			Units
VF'	=		m^3/kg
VF_{M-L}	=	19,589.35	m^3/kg
VF'_{M-L}	=		m^3/kg
η	=	0.42	L_{pore}/L_{soil}
θ_a	=	0.15	L_{air}/L_{soil}

Symbol			Units
θ_w	=	0.27	L_{water}/L_{soil}
ρ_b	=	1.50901	kg/L or g/cm^3
ρ_s	=	2.599	g/cm^3
ρ_w	=	1	g/cm^3
1/(2b+3)	=	0.074	unitless

Equation				Units
S1	=			mg/kg
S2	=			mg/kg
S3	=			mg/kg
S4	=		Mass Limit Inf. Source	mg/kg
S5	=		Mass Limit Inf. Source	mg/kg
S6	=	6.1 2.8	Mass Limit Inf. Source	mg/kg
S7	=		Mass Limit Inf. Source	mg/kg
S17	=	0.07		mg/kg
S28	=	0.30		mg/kg
S29	=			mg/kg

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Leaking Underground Storage Tank Program
SSL Input Parameters for Use with Tier 2 Calculations

A. Site Identification

IEMA Incident # (6- or 8-digit): 942157...20201063 IEPA LPC # (10-digit): 1671205520

Site Name: Qik-N-EZ

Site Address (not a P.O. Box): 2800 North Peoria Road

City: Springfield County: Sangamon Zip Code: 62702

Leaking UST Technical File

B. Tier 2 Calculation Information

Equation(s) Used (ex: S12, S17, S28): Benzene: S6, S17, S18

Contact Information for Individual Who Performed Calculations:

Shawn D. Wolfe, Senior Project Manager
Green Wave Consulting, LLC (217) 726-7569

Land Use: Industrial/Commercial USDA Soil Type: Silt Loam

Groundwater: ◉ Class I ○ Class II

Mass Limit: ◉ Yes ○ No If Yes, then specify acreage: ○ 0.5 ◉ 1 ○ 2 ○ 5 ○ 10 ○ 30

- Mass Limit Acreage other than defaults must always be rounded up.
- Failure to use site-specific parameters where allowed could affect payment from the Underground Storage Tank Fund.
- Maps depicting source width, plume dimensions, distance, etc. must also be submitted.
- Inputs must be submitted in the designated unit.

Symbol			Units
AT (ingestion)	=		yr
AT (inhalation)	=		yr
AT_c	=	70	yr
BW	=		kg
C_{sat}	=		mg/kg
C_w	=	0.1	mg/L
d	=		m

Symbol			Units
d_a	=		m
d_s	=	2.7432	m
D_A	=	0.000197	cm^2/s
D_i	=	0.0880	cm^2/s
D_w	=	0.0000102	cm^2/s
DF	=	20	unitless
ED (ingestion of carcinogens)	=		yr

Incident #: 942157...20201063 Chemical: Benzene Land Use: Industrial/Commercial

Symbol			Units
ED (inhalation of carcinogens)	=	25	yr
ED (ingestion of noncarcinogens)	=		yr
ED (inhalation of noncarcinogens)	=		yr
ED (ingestion of groundwater)	=		yr
ED_{M-L}	=	70	yr
EF	=	250	d/yr
F(x)	=	0.194	unitless
f_{oc}	=	0.00998	g/g
GW_{obj}	=	0.005	mg/L
H'	=	0.230	unitless
i	=		m/m
I	=	0.3	m/yr
I_{M-L}	=	0.18	m/yr
$IF_{soil-adj}$	=	114	(mg-yr)/(kg-d)
IR_{soil}	=		mg/d
IR_w	=		L/d
K	=		m/yr
K_d (non-ionizing organics)	=		cm^3/g or L/kg
K_d (ionizing organics)	=	0.499	cm^3/g or L/kg
K_d (inorganics)	=		cm^3/g or L/kg

Symbol			Units
K_{oc}	=	50.0	cm^3/g or L/kg
K_s	=	120	m/yr
L	=		m
PEF	=		m^3/kg
PEF'	=		m^3/kg
Q/C (VF equations)	=	85.81 Mass Limit 85.81 Int. Source	$(g/m^2\text{-}s)/(kg/m^3)$
Q/C (PEF equations)	=		$(g/m^2\text{-}s)/(kg/m^3)$
RfC	=		mg/m^3
RfD_o	=		mg/(kg-d)
S	=		mg/L
SF_o	=		$(mg/kg\text{-}d)^{-1}$
T	=	790,000,000	s
T_{M-L}	=	25	yr
THQ	=	1	unitless
TR	=	1.0E-06	unitless
U_m	=	4.69	m/s
URF	=	0.0000078	$(\mu g/m^3)^{-1}$
U_t	=	11.32	m/s
V	=		unitless
VF	=	10,102.11	m^3/kg

Incident #: 942157...20201083 Chemical: Benzene Land Use: Industrial/Commercial

Symbol			Units
VF'	=		m^3/kg
VF_{M-L}	=	16,324.46	m^3/kg
VF'_{M-L}	=		m^3/kg
η	=	0.42	L_{pore}/L_{soil}
θ_a	=	0.15	L_{air}/L_{soil}

Symbol			Units
θ_w	=	0.27	L_{water}/L_{soil}
ρ_b	=	1.50901	kg/L or g/cm^3
ρ_s	=	2.599	g/cm^3
ρ_w	=	1	g/cm^3
1/(2b+3)	=	0.074	unitless

Equation				Units
S1	=			mg/kg
S2	=			mg/kg
S3	=			mg/kg
S4	=		Mass Limit Inf. Source	mg/kg
S5	=		Mass Limit Inf. Source	mg/kg
S6	=	8.6 5.3	Mass Limit Inf. Source	mg/kg
S7	=		Mass Limit Inf. Source	mg/kg
S17	=	0.07		mg/kg
S28	=	0.30		mg/kg
S29	=			mg/kg

Illinois Environmental Protection Agency

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Leaking Underground Storage Tank Program
SSL Input Parameters for Use with Tier 2 Calculations

A. Site Identification

IEMA Incident # (6- or 8-digit): 942157...20201063 IEPA LPC # (10-digit): 1671205520

Site Name: Qik-N-EZ

Site Address (not a P.O. Box): 2800 North Peoria Road

City: Springfield County: Sangamon Zip Code: 62702

Leaking UST Technical File

B. Tier 2 Calculation Information

Equation(s) Used (ex: S12, S17, S28): Benzene: S7, S17, S18

Contact Information for Individual Who Performed Calculations:

Shawn D. Wolfe, Senior Project Manager
Green Wave Consulting, LLC (217) 726-7569

Land Use: Construction Worker USDA Soil Type: Silt Loam

Groundwater: ◉Class I ○Class II

Mass Limit: ◉Yes ○No If Yes, then specify acreage: ○0.5 ◉1 ○2 ○5 ○10 ○30

- Mass Limit Acreage other than defaults must always be rounded up.
- Failure to use site-specific parameters where allowed could affect payment from the Underground Storage Tank Fund.
- Maps depicting source width, plume dimensions, distance, etc. must also be submitted.
- Inputs must be submitted in the designated unit.

Symbol			Units
AT (ingestion)	=		yr
AT (inhalation)	=		yr
AT_c	=	70	yr
BW	=		kg
C_{soil}	=		mg/kg
C_w	=	0.1	mg/L
d	=		m

Symbol			Units
d_a	=		m
d_s	=	2.7432	m
D_A	=	0.000197	cm^2/s
D_i	=	0.0880	cm^2/s
D_w	=	0.0000102	cm^2/s
DF	=	20	unitless
ED (ingestion of carcinogens)	=		yr

[redacted] Symbol			Units
ED (inhalation of carcinogens)	=	1	yr
ED (ingestion of noncarcinogens)	=		yr
ED (inhalation of noncarcinogens)	=		yr
ED (ingestion of groundwater)	=		yr
ED_{M-L}	=	70	yr
EF	=	30	d/yr
F(x)	=	0.194	unitless
f_{oc}	=	0.00998	g/g
GW_{obj}	=	0.005	mg/L
H'	=	0.230	unitless
i	=		m/m
I	=	0.3	m/yr
I_{M-L}	=	0.18	m/yr
$IF_{soil-adj}$	=	114	(mg-yr)/(kg-d)
IR_{soil}	=		mg/d
IR_w	=		L/d
K	=		m/yr
K_d (non-ionizing organics)	=		cm^3/g or L/kg
K_d (ionizing organics)	=	0.499	cm^3/g or L/kg
K_d (inorganics)	=		cm^3/g or L/kg

Symbol			Units
K_{oc}	=	50.0	cm^3/g or L/kg
K_s	=	120	m/yr
L	=		m
PEF	=		m^3/kg
PEF'	=		m^3/kg
Q/C (VF equations)	=	85.81 Mass Limit 85.81 Inf. Source	$(g/m^2\text{-}s)/(kg/m^3)$
Q/C (PEF equations)	=		$(g/m^2\text{-}s)/(kg/m^3)$
RfC	=		mg/m^3
RfD_o	=		mg/(kg-d)
S	=		mg/L
SF_o	=		$(mg/kg\text{-}d)^{-1}$
T	=	3,600,000	s
T_{M-L}	=	1	yr
THQ	=	1	unitless
TR	=	1.0E-06	unitless
U_m	=	4.69	m/s
URF	=	0.0000078	$(\mu g/m^3)^{-1}$
U_t	=	11.32	m/s
V	=		unitless
VF	=		m^3/kg

Incident #: 942157...20201063 Chemical: Benzene Land Use: Construction Worker

Symbol			Units
VF'	=	68.19	m^3/kg
VF_{M-L}	=		m^3/kg
VF'_{M-L}	=	65.30	m^3/kg
η	=	0.42	L_{pore}/L_{soil}
θ_a	=	0.15	L_{air}/L_{soil}

Symbol			Units
θ_w	=	0.27	L_{water}/L_{soil}
ρ_b	=	1.50901	kg/L or g/cm^3
ρ_s	=	2.599	g/cm^3
ρ_w	=	1	g/cm^3
1/(2b+3)	=	0.074	unitless

Equation				Units
S1	=			mg/kg
S2	=			mg/kg
S3	=			mg/kg
S4	=		Mass Limit Inf. Source	mg/kg
S5	=		Mass Limit Inf. Source	mg/kg
S6	=		Mass Limit Inf. Source	mg/kg
S7	=	7.1 7.4	Mass Limit Inf. Source	mg/kg
S17	=	0.07		mg/kg
S28	=	0.30		mg/kg
S29	=			mg/kg

EQUATIONS S20, S21 & S24 FOR DERIVATION OF TOTAL SOIL POROSITY, WATER-FILLED SOIL POROSITY & AIR-FILLED SOIL POROSITY

Qik-N-EZ - North Peoria Road
Springfield, Illinois

S24 - Equation for Derivation of Total Soil Porosity, η (L_{pore}/L_{soil})

$$\eta = 1 - \frac{\rho_b}{\rho_s}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
ρ_b	Dry Soil Bulk Density	g/cm^3	Site-Specific Value
ρ_s	Soil Particle Density	g/cm^3	Site-Specific Value

INPUT PARAMETERS FOR η

ρ_b= 1.50901 g/cm^3
ρ_s= 2.599 g/cm^3

SOLUTION TO EQUATION S24

η= **0.42** L_{pore}/L_{soil}

S20 - Equation for Derivation of Water-Filled Soil Porosity, θ_w (L_{water}/L_{soil})

$$\theta_w = \eta \cdot \left(\frac{I}{K_s}\right)^{1/(2b+3)}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
η	Total Soil Porosity	L_{pore}/L_{soil}	Calculated Value Equation S24 in TACO
I	Infiltration Rate	m/yr	0.3
Soil Texture	USDA Soil Texture Classification	—	Site-Specific Value Appendix C, Illust. C
K_s	Saturated Hydraulic Conductivity	m/yr	Site-Specific Value Appendix C, Table K
1/(2b+3)	Exponential in Equation S20	unitless	Site-Specific Value Appendix C, Table K

Ks Values	
Sand	1,830
Loamy Sand	540
Sandy Loam	230
Silt Loam	120
Loam	60
Sandy Loam Clay	40
Silt Clay Loam	13
Clay Loam	20
Sandy Clay	10
Silt Clay	8
Clay	5

1/(2b+3) Values	
Sand	0.090
Loamy Sand	0.085
Sandy Loam	0.080
Silt Loam	0.074
Loam	0.073
Sandy Loam Clay	0.058
Silt Clay Loam	0.054
Clay Loam	0.050
Sandy Clay	0.042
Silt Clay	0.042
Clay	0.039

INPUT PARAMETERS FOR θ_w

η= 0.42 L_{pore}/L_{soil}
I= 0.3 m/yr
Soil Texture= Silt Loam
K_s= 120 m/yr
1/(2b+3)= 0.074

θ_w= **0.27 L_{water}/L_{soil}**

S21 - Equation for Derivation of Air-Filled Soil Porosity, θ_a (L_{air}/L_{soil})

$$\theta_a = \eta - \theta_w$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
η	Total Soil Porosity	L_{pore}/L_{soil}	Calculated Value Equation S24 in TACO
θ_w	Water-Filled Soil Porosity	L_{water}/L_{soil}	Calculated Value Equation S20 in TACO

INPUT PARAMETERS FOR θ_a

η= 0.42 g/cm^3
θ_w= 0.27 g/cm^3

θ_a= **0.15 L_{air}/L_{soil}**

REMEDIATION OBJECTIVE FOR SOIL COMPONENT OF THE GROUNDWATER INGESTION EXPOSURE ROUTE

Qik-N-EZ - North Peoria Road

Benzene

Equations S17, S18 & S19

Remediation Objective (S17) SRO = (milligrams per kilogram, mg/kg)

$$SRO = C_w \cdot \left[K_d + \frac{(\theta_w + \theta_a \cdot H')}{\rho_b}\right]$$

Target Soil Leachate Concentration (S18) = (milligrams per liter, mg/L)

$$C_w = DF \cdot GW_{obj}$$

Soil Water Partition Coeffiecient (S19) = (unitless)

$$K_d = K_{oc} \cdot f_{oc}$$

Dilution Factor DF = 20

MODEL PARAMETERS INPUT:

Symbol	Unit	Parameter	Values
GW_{obj}	mg/l	IEPA TACO Tier 1 Ground Water Remediation Objective Class I / Class II Benzene 0.005 / 0.025	0.005
θ_w	Unitless	Water Filled Soil Porosity	0.27
θ_a	Unitless	Air Filled Soil Porosity	0.15
K_{oc}	l/kg	Organic Carbon Partition Coefficient	50.0
f_{oc}	g/g	Organic Carbon Content in soil	0.00998
H'	Unitless	Henry's Law Constant	0.230
ρ_b	kg/l	Dry Soil Bulk Density	1.50901

MODEL CALCULATED OUTPUTS:

C_w =	0.1
K_d =	0.499

REFERENCE FOR INPUT PARAMETERS

	θ_w	θ_a	ρ_b	f_{oc}
Surface (<1m)	0.15	0.28	1.5	0.006
Subsurface (>1m)	0.30	0.13		0.002
Gravel	0.20	0.05	2.0	
Sand	0.18	0.14	1.8	
Silt	0.16	0.24	1.6	
Clay	0.17	0.19	1.7	
	or Site-Specific via S20	*or Site-Specific via S21*	*or Site-Specific*	*or Site-Specific*

Calculated Equation S17 Soil Remediation Objective:

Soil Remediation Objective = 0.07008 mg/kg

Equations S28 & S18

Remediation Objective (S28) SRO = (milligrams per kilogram, mg/kg)

$$SRO = \frac{C_w \cdot I_{M-L} \cdot ED_{M-L}}{\rho_b \cdot d_s}$$

Target Soil Leachate Concentration (S18) = (milligrams per liter, mg/L)

$$C_w = DF \cdot GW_{obj}$$

Dilution Factor DF = 20

MODEL PARAMETERS INPUT:

Symbol	Unit	Parameter	Values
I_{M-L}	m/yr	Infiltration Rate for Eq S28	0.18
I	m/yr	Infiltration Rate	0.3
GW_{obj}	mg/L	IEPA TACO Tier 1 Ground Water Remdediation Objective Class I / Class II Benzene 0.005 / 0.025	0.005
d_s	m	Depth of Source	2.7432
ED_{M-L}	year	Exposure Duration for Eq S28	70
ρ_b	kg/L	Dry Soil Bulk Density	1.50901

MODEL CALCULATED OUTPUTS:

C_w =	0.1

REFERENCE FOR INPUT PARAMETERS

	ρb
Surface (<1m)	1.5
Subsurface (>1m)	
Gravel	2.0
Sand	1.8
Silt	1.6
Clay	1.7
	or Site-Specific

Calculated Equation S28 Soil Remediation Objective:

Soil Remediation Objective = 0.30438 mg/kg

Largest SRO value between Equations S17 and S28:

Soil Remediation Objective = 0.30438 mg/kg

Soil Saturation Limit Exceedence Check (value of SRO will change if soil saturation limit is exceeded for chemical):

Soil Remediation Objective = 0.30 mg/kg

Tier 1 SRO Non-Exceedence Check (value of SRO will change if Tier 1 SRO is not exceeded for chemical):

Soil Remediation Objective = 0.30 mg/kg

Final Tier 2 Soil Remediation Objective

0.30 milligrams per kilogram (mg/kg)

300 micrograms per kilogram (ug/kg)

EQUATIONS S6 AND S7 FOR INHALATION OF VOLATILE CONTAMINANTS IN SOIL (CARCINOGENS)

Qik-N-EZ - North Peoria Road
Springfield, Illinois

Residential & Industrial/Commercial Remediation Objectives for Carcinogenic Contaminants (mg/kg)

$$\frac{TR \bullet AT_c \bullet 365\frac{d}{yr}}{URF \bullet 1000\frac{\mu g}{mg} \bullet EF \bullet ED \bullet \frac{1}{VF}}$$

Construction Worker Remediation Objectives for Carcinogenic Contaminants (mg/kg)

$$\frac{TR \bullet AT_c \bullet 365\frac{d}{yr}}{URF \bullet 1000\frac{\mu g}{mg} \bullet EF \bullet ED \bullet \frac{1}{VF'}}$$

S26 - Mass-Limit Volatilization Factor for the Inhalation Exposure Route - Residential & Industrial/Commercial (m^3/kg)

$$VF_{M-L} = \frac{Q}{C} \bullet \frac{\left[T \bullet \left(3.15 \bullet 10^7 \frac{s}{yr}\right)\right]}{\rho_b \bullet d_s \bullet 10^6 \frac{cm^3}{m^3}}$$

S27 - Mass-Limit Volatilization Factor for the Inhalation Exposure Route - Construction Worker (m^3/kg)

$$VF'_{M-L} = \frac{VF_{M-L}}{10}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
AT_c	AVERAGING TIME FOR CARCINOGENS	year	70
ED	EXPOSURE DURATION FOR INHALATION OF CARCINOGEN	year	RESIDENTIAL 30 INDUS/COMM. 25 CONST WRKR 1
EF	EXPOSURE FREQUENCY	d/yr	RESIDENTIAL 350 INDUS/COMM. 250 CONST WRKR 30
TR	TARGET CANCER RISK	unitless	RESIDENTIAL 10^{-6} INDUS/COMM. 10^{-6} CONST WRKR 10^{-6}
URF	INHALATION UNIT RISK FACTOR	$(\mu g/m^3)^{-1}$	$7.8x10^{-6}$ benzene
VF_{M-L}	VOLATILIZATION FACTOR	m^3/kg	REFER TO EQ. S26& S27 WITHIN TACO

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
d_s	DEPTH OF SOURCE	m	SITE SPECIFIC
ρ_b	DRY BULK DENSITY	g/cm^3	1.5, OR GRAVEL=2.0 SAND=1.8 SILT=1.6 CLAY=1.7, OR SITE SPECIFIC
Q/C	INVERSE OF THE MEAN CONCENTRATION AT THE CENTER OF A SQUARE SOURCE	$(g/m^2\text{-}s)/(kg/m^3)$	RESIDENTIAL 68.81 INDUS/COMM. 85.81 CONST WRKR 85.81 OR 742.Appendix C, Table H: Q/C by Source Area
T	EXPOSURE INTERVAL	yr	RESIDENTIAL 30 INDUS/COMM. 25 CONST WRKR 1

INPUT PARAMETERS FOR VF: RESIDENTIAL & INDUST/COMMER PROPERTIES

Source Area	1 Acre
ds=	2.7432 m
ρb=	1.50901 kg/L
Q/C=	85.81 $(g/m^2\text{-}s)/(kg/m^3)$ (Residential)
Q/C=	85.81 $(g/m^2\text{-}s)/(kg/m^3)$ (Industrial/Commercial)
T_{M-L} =	30 yr (Residential)
T_{M-L} =	25 yr (Industrial/Commercial)
VF_{M-L}=	19,589.35 m^3/kg (Residential)
VF_{M-L}=	16,324.46 m^3/kg (Industrial/Commercial)

INPUT PARAMETERS FOR VF': CONSTRUCTION WORKER

Source Area	1 Acre
ds=	2.7432 m
ρb=	1.50901 kg/L
Q/C=	85.81 $(g/m^2\text{-}s)/(kg/m^3)$
T_{M-L} =	1 yr
VF'_{M-L}=	65.30 m^3/kg

INPUT PARAMETER VALUES: RESIDENTIAL & INDUST/COMMER PROPERTIES

AT_c=	70 year
ED=	30 year (Residential)
ED=	25 year (Industrial/Commercial)
EF=	350 d/yr (Residential)
EF=	250 d/yr (Industrial/Commercial)
TR=	1.00E-06 unitless
URF=	7.80E-06 $(\mu g/m^3)^{-1}$
VF_{M-L}=	19,589.35 m^3/kg (Residential)
VF_{M-L}=	16,324.46 m^3/kg (Industrial/Commercial)

INPUT PARAMETER VALUES: CONSTRUCTION WORKERS

AT_c=	70 year
ED=	1 year
EF=	30 d/yr
TR=	1.00E-06 unitless
URF=	7.80E-06 $(\mu g/m^3)^{-1}$
VF'_{M-L}=	65.30 m^3/kg

Residential Inhalation Remediation Objective (S6) =	**6.11 mg/kg**

Industrial/Commercial Inhalation Remediation Objective (S6) =	**8.56 mg/kg**

Construction Worker Inhalation Remediation Objective (S7) =	**7.13 mg/kg**

Soil Saturation Limit Exceedence Check (value of SRO will change if soil saturation limit is exceeded for chemical):

Soil Remediation Objective (Residential Inhalation) =	**6.1 mg/kg**	**6,100 µg/kg**
Soil Remediation Objective (Industrial/Commercial Inhalation) =	**8.6 mg/kg**	**8,600 µg/kg**
Soil Remediation Objective (Construction Worker Inhalation) =	**7.1 mg/kg**	**7,100 µg/kg**

Tier 1 Soil Remediation Objective Check (value of SRO will default to Tier 1 if calculated Tier 2 SRO is more stringent for chemical):

Soil Remediation Objective (Residential Inhalation) =	**6.1 mg/kg**	**6,100 µg/kg**
Soil Remediation Objective (Industrial/Commercial Inhalation) =	**8.6 mg/kg**	**8,600 µg/kg**
Soil Remediation Objective (Construction Worker Inhalation) =	**7.1 mg/kg**	**7,100 µg/kg**
	Parts-Per-Million	*Parts-Per-Billion*

BENZENE

EQUATION S10 FOR DERIVATION OF APPARENT DIFFUSIVITY (D_A)

Qik-N-EZ - North Peoria Road
Springfield, Illinois

S10 - Equation for Derivation of Apparent Diffusivity, D_A (cm^2/s)

$$D_A = \frac{\left(\theta_a^{3.33} \cdot D_i \cdot H'\right) + \left(\theta_w^{3.33} \cdot D_w\right)}{\eta^2} \cdot \frac{1}{\left(\rho_b \cdot K_d\right) + \theta_w + \left(\theta_a \cdot H'\right)}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
θ_a	Air-Filled Soil Porosity	L_{air}/L_{soil}	Gravel = 0.05 Sand = 0.14 Silt - 0.24 Clay = 0.19, or Calculated Value
θ_w	Water-Filled Soil Porosity	L_{water}/L_{soil}	Gravel = 0.20 Sand = 0.18 Silt = 0.16 Clay = 0.17, or Calculated Value
D_i	Diffusivity in Air	cm^2/s	Chemical-Specific Benzene = 0.0880
D_w	Diffusivity in Water	cm^2/s	Chemical-Specific Benzene = 0.0000102
H'	Henry's Law Constant	unitless	Chemical-Specific Benzene = 0.230
η	Total Soil Porosity	L_{pore}/L_{soil}	Calculated Value Equation S24 in TACO
ρ_b	Dry Soil Bulk Density	g/cm^3	Site-Specific Value
K_d	Soil-Water Partition Coefficient	cm^3/g	Calculated Value Equation S19 in TACO

S24 - Total Soil Porosity (L_{pore}/L_{soil})

$$\eta = 1 - \frac{\rho_b}{\rho_s}$$

S19 - Soil Water Partition Coefficient (cm^3/g)

$$K_d = K_{oc} \cdot f_{oc}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
ρ_b	Dry Soil Bulk Density	g/cm^3	Site-Specific Value
ρ_s	Soil Particle Density	g/cm^3	Site-Specific Value
K_{oc}	Organic Carbon Partition Coefficient	cm^3/g	Chemical-Specific Benzene = 50.0
f_{oc}	Organic Carbon Content of Soil	g/g	Site-Specific Value

INPUT PARAMETERS FOR η

ρ_b=	1.50901 g/cm^3
ρ_s=	2.599 g/cm^3
η=	0.42 L_{pore}/L_{soil}

INPUT PARAMTERS FOR K_d

K_{oc}=	50.0 cm^3/g
f_{oc}=	0.00998 g/g
K_d=	0.4990 cm^3/g

INPUT PARAMETER VALUES FOR DERIVATION OF APPARENT DIFFUSIVITY, D_A (cm^2/s)

θ_a=	0.15 L_{air}/L_{soil}
θ_w=	0.27 L_{water}/L_{soil}
D_i=	0.0880 cm^2/s
D_w=	0.0000102 cm^2/s
H'=	0.230
η=	0.42 g/cm^3
ρ_b=	1.50901 g/cm^3
K_d=	0.4990 m^3/kg

D_A= 1.97E-04 cm^2/s

BENZENE

EQUATIONS S6 AND S7 FOR INHALATION OF VOLATILE CONTAMINANTS IN SOIL (CARCINOGENS)

Qik-N-EZ - North Peoria Road
Springfield, Illinois

Residential, Industrial/Commercial Remediation Objectives for Carcinogenic Contaminants (mg/kg)

$$\frac{TR \cdot AT_c \cdot 365\frac{d}{yr}}{URF \cdot 1000\frac{\mu g}{mg} \cdot EF \cdot ED \cdot \frac{1}{VF}}$$

Construction Worker Remediation Objectives for Carcinogenic Contaminants (mg/kg)

$$\frac{TR \cdot AT_c \cdot 365\frac{d}{yr}}{URF \cdot 1000\frac{\mu g}{mg} \cdot EF \cdot ED \cdot \frac{1}{VF'}}$$

S8- Volatilization Factor for the Inhalation Exposure Route - Residential, Industrial/Commercial (m^3/kg)

$$VF = \frac{Q}{C} \cdot \frac{(3.14 \cdot D_A \cdot T)^{1/2}}{2 \cdot \rho_b \cdot D_A} \cdot 10^{-4}$$

S9 - Volatilization Factor for the Inhalation Exposure Route - Construction Worker (m^3/kg)

$$VF' = \frac{VF}{10}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
AT_c	AVERAGING TIME FOR CARCINOGENS	year	70
ED	EXPOSURE DURATION FOR INHALATION OF CARCINOGEN	year	RESIDENTIAL 30 INDUS/COMM. 25 CONST WRKR 1
EF	EXPOSURE FREQUENCY	d/yr	RESIDENTIAL 350 INDUS/COMM. 250 CONST WRKR 30
TR	TARGET CANCER RISK	unitless	RESIDENTIAL 10^{-5} INDUS/COMM. 10^{-5} CONST WRKR 10^{-5}
URF	INHALATION UNIT RISK FACTOR	$(\mu g/m^3)^{-1}$	7.8×10^{-6} benzene
VF	VOLATILIZATION FACTOR	m^3/kg	REFER TO EQ. S8& S9 WITHIN TACO

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
D_A	APPARENT DIFFUSIVITY	cm^2/s	CALCULATED VALUE
ρ_b	DRY BULK DENSITY	g/cm^3	1.5, OR GRAVEL=2.0 SAND=1.8 SILT=1.6 CLAY=1.7, OR SITE SPECIFIC
Q/C	INVERSE OF THE MEAN CONCENTRATION AT THE CENTER OF A SQUARE SOURCE	$(g/m^2\text{-}s)/(kg/m^3)$	RESIDENTIAL 68.81 INDUS/COMM. 85.81 CONST WRKR 85.81 OR 742.Appendix C. Table H: Q/C by Source Area
T	EXPOSURE INTERVAL	S	RESIDENTIAL 9.5×10^8 INDUS/COMM. 7.9×10^8 CONST WRKR 3.6×10^6

INPUT PARAMETERS FOR VF: RESIDENTIAL & INDUST/COMMER PROPERTIES

Source Area	1 Acre
D_A=	1.97E-04 cm^2/s
ρb=	1.50901 g/cm^3
Q/C=	68.81 $(g/m^2\text{-}s)/(kg/m^3)$ (Residential)
Q/C=	85.81 $(g/m^2\text{-}s)/(kg/m^3)$ (Industrial/Commercial)
T =	9.5E+08 s (Residential)
T =	7.9E+08 s (Industrial / Commercial)
VF=	8,883.29 m^3/kg (Residential)
VF=	10,102.11 m^3/kg (Industrial/Commercial)

INPUT PARAMETERS FOR VF': CONSTRUCTION WORKER

Source Area	1 Acre
D_A=	1.97E-04 cm^2/s
ρb=	1.50901 g/cm^3
Q/C=	85.81 $(g/m^2\text{-}s)/(kg/m^3)$
T=	3.6E+06 s
VF=	68.19 m^3/kg

INPUT PARAMETER VALUES: RESIDENTIAL & INDUST/COMMER PROPERTIES

AT_c=	70 year
ED=	30 year (Residential)
ED=	25 year (Industrial/Commercial)
EF=	350 d/yr (Residential)
EF=	250 d/yr (Industrial/Commercial)
TR=	1.00E-06 unitless
URF=	7.80E-06 $(\mu g/m^3)^{-1}$
VF=	8,883.29 m^3/kg (Residential)
VF=	10,102.11 m^3/kg (Industrial/Commercial)

INPUT PARAMETER VALUES: CONSTRUCTION WORKERS

AT_c=	70 year
ED=	1 year
EF=	30 d/yr
TR=	1.00E-06 unitless
URF=	7.80E-06 $(\mu g/m^3)^{-1}$
VF=	68.19 m^3/kg

Residential Inhalation Remediation Objective (S6) =	**2.77 mg/kg**
Industrial/Commercial Inhalation Remediation Objective (S6) =	**5.29 mg/kg**

Construction Worker Inhalation Remediation Objective (S7) =	**7.45 mg/kg**

Soil Saturation Limit Exceedence Check (value of SRO will change if soil saturation limit is exceeded for chemical):

Soil Remediation Objective (Residential Inhalation) =	**2.8 mg/kg**	**2,800 µg/kg**
Soil Remediation Objective (Industrial/Commercial Inhalation) =	**5.3 mg/kg**	**5,300 µg/kg**
Soil Remediation Objective (Construction Worker Inhalation) =	**7.4 mg/kg**	**7,400 µg/kg**

Tier 1 Soil Remediation Objective Check (value of SRO will default to Tier 1 if calculated Tier 2 SRO is more stringent for chemical):

Soil Remediation Objective (Residential Inhalation) =	**2.8 mg/kg**	**2,800 µg/kg**
Soil Remediation Objective (Industrial/Commercial Inhalation) =	**5.3 mg/kg**	**5,300 µg/kg**
Soil Remediation Objective (Construction Worker Inhalation) =	**7.4 mg/kg**	**7,400 µg/kg**
	Parts-Per-Million	*Parts-Per-Billion*

BENZENE

Illinois Environmental Protection Agency

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Leaking Underground Storage Tank Program
SSL Input Parameters for Use with Tier 2 Calculations

A. Site Identification

IEMA Incident # (6- or 8-digit): 942157...20201063 IEPA LPC # (10-digit): 1671205520

Site Name: Qik-N-EZ

Site Address (not a P.O. Box): 2800 North Peoria Road

City: Springfield County: Sangamon Zip Code: 62702

Leaking UST Technical File

B. Tier 2 Calculation Information

Equation(s) Used (ex: S12, S17, S28): Toluene: S4, S17, S18, S29

Contact Information for Individual Who Performed Calculations:

Shawn D. Wolfe, Senior Project Manager
Green Wave Consulting, LLC (217) 726-7569

Land Use: Residential USDA Soil Type: Silt Loam

Groundwater: ◉Class I ○Class II

Mass Limit: ◉Yes ○No If Yes, then specify acreage: ○0.5 ◉1 ○2 ○5 ○10 ○30

- Mass Limit Acreage other than defaults must always be rounded up.
- Failure to use site-specific parameters where allowed could affect payment from the Underground Storage Tank Fund.
- Maps depicting source width, plume dimensions, distance, etc. must also be submitted.
- Inputs must be submitted in the designated unit.

Symbol			Units
AT (ingestion)	=		yr
AT (inhalation)	=	30	yr
AT_c	=	70	yr
BW	=		kg
C_{sat}	=		mg/kg
C_w	=	20	mg/L
d	=		m

Symbol			Units
d_a	=		m
d_e	=	2.7432	m
D_A	=	0.0000899	cm^2/s
D_i	=	0.087	cm^2/s
D_w	=	0.0000086	cm^2/s
DF	=	20	unitless
ED (ingestion of carcinogens)	=		yr

The Agency is authorized to require this information under Section 4 and Title XVI of the Environmental Protection Act (415 ILCS 5/4, 5/57 – 57.17). Failure to disclose this information may result in a civil penalty of not to exceed $50,000.00 for the violation and an additional civil penalty of not to exceed $10,000.00 for each day during which the violation continues (415 ILCS 5/42). Any person who knowingly makes a false material statement or representation, orally or in writing, in any label, manifest, record, report, permit, or license, or other document filed, maintained or used for the purpose of compliance with Title XVI commits a Class 4 felony. Any second or subsequent offense after conviction hereunder is a Class 3 felony (415 ILCS 5/44 and 57.17).

[redacted] Symbol [redacted]			Units
ED (inhalation of carcinogens)	=		yr
ED (ingestion of noncarcinogens)	=		yr
ED (inhalation of noncarcinogens)	=	30	yr
ED (ingestion of groundwater)	=		yr
ED_{M-L}	=	70	yr
EF	=	350	d/yr
F(x)	=	0.194	unitless
f_{oc}	=	0.00998	g/g
GW_{obj}	=	1.0	mg/L
H'	=	0.271	unitless
i	=		m/m
I	=	0.3	m/yr
I_{M-L}	=	0.18	m/yr
$IF_{soil-adj}$	=	114	(mg-yr)/(kg-d)
IR_{soil}	=		mg/d
IR_w	=		L/d
K	=		m/yr
K_d (non-ionizing organics)	=		cm^3/g or L/kg
K_d (ionizing organics)	=	1.57684	cm^3/g or L/kg
K_d (inorganics)	=		cm^3/g or L/kg

Symbol			Units
K_{oc}	=	158	cm^3/g or L/kg
K_s	=	120	m/yr
L	=		m
PEF	=		m^3/kg
PEF'	=		m^3/kg
Q/C (VF equations)	=	85.81 Mass Limit / 68.61 Inf. Source	$(g/m^2\text{-}s)/(kg/m^3)$
Q/C (PEF equations)	=		$(g/m^2\text{-}s)/(kg/m^3)$
RfC	=	5.0	mg/m^3
RfD_o	=		mg/(kg-d)
S	=	530	mg/L
SF_o	=		$(mg/kg\text{-}d)^{-1}$
T	=	950,000,000	s
T_{M-L}	=	30	yr
THQ	=	1	unitless
TR	=	1.0E-06	unitless
U_m	=	4.69	m/s
URF	=		$(\mu g/m^3)^{-1}$
U_t	=	11.32	m/s
V	=		unitless
VF	=	13,133.93	m^3/kg

Incident #: 942157...20201063 Chemical: Toluene Land Use: Residential

Symbol			Units
VF'	=		m^3/kg
VF_{M-L}	=	19,589.35	m^3/kg
VF'_{M-L}	=		m^3/kg
η	=	0.42	L_{pore}/L_{soil}
θ_a	=	0.15	L_{air}/L_{soil}

Symbol			Units
θ_w	=	0.27	L_{water}/L_{soil}
ρ_b	=	1.50901	kg/L or g/cm^3
ρ_s	=	2.599	g/cm^3
ρ_w	=	1	g/cm^3
1/(2b+3)	=	0.074	unitless

Equation			Units
S1	=		mg/kg
S2	=		mg/kg
S3	=		mg/kg
S4	=	940 * Mass Limit 940 * Inf. Source	mg/kg
S5	=	Mass Limit Inf. Source	mg/kg
S6	=	Mass Limit Inf. Source	mg/kg
S7	=	Mass Limit Inf. Source	mg/kg
S17	=	36	mg/kg
S28	=	61	mg/kg
S29	=	940	mg/kg

* Tier 2 > Csat: default to appropriate Csat

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Leaking Underground Storage Tank Program
SSL Input Parameters for Use with Tier 2 Calculations

A. Site Identification

IEMA Incident # (6- or 8-digit): 942157...20201063 IEPA LPC # (10-digit): 1671205520

Site Name: Qik-N-EZ

Site Address (not a P.O. Box): 2800 North Peoria Road

City: Springfield County: Sangamon Zip Code: 62702

Leaking UST Technical File

B. Tier 2 Calculation Information

Equation(s) Used (ex: S12, S17, S28): Toluene: S4, S17, S18, S29

Contact Information for Individual Who Performed Calculations:

Shawn D. Wolfe, Senior Project Manager
Green Wave Consulting, LLC (217) 726-7569

Land Use: Industrial/Commercial USDA Soil Type: Silt Loam

Groundwater: ◉Class I ○Class II

Mass Limit: ◉Yes ○No If Yes, then specify acreage: ○0.5 ◉1 ○2 ○5 ○10 ○30

- Mass Limit Acreage other than defaults must always be rounded up.
- Failure to use site-specific parameters where allowed could affect payment from the Underground Storage Tank Fund.
- Maps depicting source width, plume dimensions, distance, etc. must also be submitted.
- Inputs must be submitted in the designated unit.

Symbol			Units
AT (ingestion)	=		yr
AT (inhalation)	=	25	yr
AT_c	=	70	yr
BW	=		kg
C_{soil}	=		mg/kg
C_w	=	20	mg/L
d	=		m

Symbol			Units
d_a	=		m
d_s	=	2.7432	m
D_A	=	0.0000899	cm^2/s
D_i	=	0.087	cm^2/s
D_w	=	0.0000086	cm^2/s
DF	=	20	unitless
ED (ingestion of carcinogens)	=		yr

[redacted] Symbol			Units
ED (inhalation of carcinogens)	=		yr
ED (ingestion of noncarcinogens)	=		yr
ED (inhalation of noncarcinogens)	=	25	yr
ED (ingestion of groundwater)	=		yr
ED_{M-L}	=	70	yr
EF	=	250	d/yr
F(x)	=	0.194	unitless
f_{oc}	=	0.00998	g/g
GW_{obj}	=	1.0	mg/L
H'	=	0.271	unitless
i	=		m/m
I	=	0.3	m/yr
I_{M-L}	=	0.18	m/yr
$IF_{soil-adj}$	=	114	(mg-yr)/(kg-d)
IR_{soil}	=		mg/d
IR_w	=		L/d
K	=		m/yr
K_d (non-ionizing organics)	=		cm^3/g or L/kg
K_d (ionizing organics)	=	1.57684	cm^3/g or L/kg
K_d (inorganics)	=		cm^3/g or L/kg

Symbol			Units
K_{oc}	=	158	cm^3/g or L/kg
K_s	=	120	m/yr
L	=		m
PEF	=		m^3/kg
PEF'	=		m^3/kg
Q/C (VF equations)	=	85.81 Mass Limit 85.81 Int. Source	$(g/m^2\text{-}s)/(kg/m^3)$
Q/C (PEF equations)	=		$(g/m^2\text{-}s)/(kg/m^3)$
RfC	=	5.0	mg/m^3
RfD_o	=		mg/(kg-d)
S	=	530	mg/L
SF_o	=		$(mg/kg\text{-}d)^{-1}$
T	=	790,000,000	s
T_{M-L}	=	25	yr
THQ	=	1	unitless
TR	=	1.0E-06	unitless
U_m	=	4.69	m/s
URF	=		$(\mu g/m^3)^{-1}$
U_t	=	11.32	m/s
V	=		unitless
VF	=	14,935.95	m^3/kg

Incident #: 942157...20201063 Chemical: Toluene Land Use: Industrial/Commercial

Symbol			Units
VF'	=		m^3/kg
VF_{M-L}	=	16,324.46	m^3/kg
VF'_{M-L}	=		m^3/kg
η	=	0.42	L_{pore}/L_{soil}
θ_a	=	0.15	L_{air}/L_{soil}

Symbol			Units
θ_w	=	0.27	L_{water}/L_{soil}
ρ_b	=	1.50901	kg/L or g/cm^3
ρ_s	=	2.599	g/cm^3
ρ_w	=	1	g/cm^3
1/(2b+3)	=	0.074	unitless

Equation				Units
S1	=			mg/kg
S2	=			mg/kg
S3	=			mg/kg
S4	=	940 * Mass Limit 940 * Inf. Source		mg/kg
S5	=		Mass Limit Inf. Source	mg/kg
S6	=		Mass Limit Inf. Source	mg/kg
S7	=		Mass Limit Inf. Source	mg/kg
S17	=	36		mg/kg
S28	=	61		mg/kg
S29	=	940		mg/kg

* Tier 2 > Csat: default to appropriate Csat

Illinois Environmental Protection Agency

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Leaking Underground Storage Tank Program
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Site Name: Qik-N-EZ

Site Address (not a P.O. Box): 2800 North Peoria Road

City: Springfield County: Sangamon Zip Code: 62702

Leaking UST Technical File

B. Tier 2 Calculation Information

Equation(s) Used (ex: S12, S17, S28): Toluene: S5, S17, S18, S29

Contact Information for Individual Who Performed Calculations:

Shawn D. Wolfe, Senior Project Manager
Green Wave Consulting, LLC (217) 726-7569

Land Use: Construction Worker USDA Soil Type: Silt Loam

Groundwater: ◉ Class I ○ Class II

Mass Limit: ◉ Yes ○ No If Yes, then specify acreage: ○ 0.5 ◉ 1 ○ 2 ○ 5 ○ 10 ○ 30

- Mass Limit Acreage other than defaults must always be rounded up.
- Failure to use site-specific parameters where allowed could affect payment from the Underground Storage Tank Fund.
- Maps depicting source width, plume dimensions, distance, etc. must also be submitted.
- Inputs must be submitted in the designated unit.

Symbol			Units
AT (ingestion)	=		yr
AT (inhalation)	=	0.115	yr
AT_c	=	70	yr
BW	=		kg
C_{sat}	=		mg/kg
C_w	=	20	mg/L
d	=		m

Symbol			Units
d_a	=		m
d_s	=	2.7432	m
D_A	=	0.0000899	cm^2/s
D_i	=	0.087	cm^2/s
D_w	=	0.0000086	cm^2/s
DF	=	20	unitless
ED (ingestion of carcinogens)	=		yr

Incident #: 942157...20201063 Chemical: Toluene Land Use: Construction Worker

[redacted] Symbol [redacted]			Units
ED (inhalation of carcinogens)	=		yr
ED (ingestion of noncarcinogens)	=		yr
ED (inhalation of noncarcinogens)	=	1	yr
ED (ingestion of groundwater)	=		yr
ED_{M-L}	=	70	yr
EF	=	30	d/yr
F(x)	=	0.194	unitless
f_{oc}	=	0.00998	g/g
GW_{obj}	=	1.0	mg/L
H'	=	0.271	unitless
i	=		m/m
I	=	0.3	m/yr
I_{M-L}	=	0.18	m/yr
$IF_{soil-adj}$	=	114	(mg-yr)/(kg-d)
IR_{soil}	=		mg/d
IR_w	=		L/d
K	=		m/yr
K_d (non-ionizing organics)	=		cm^3/g or L/kg
K_d (ionizing organics)	=	1.57684	cm^3/g or L/kg
K_d (inorganics)	=		cm^3/g or L/kg

Symbol			Units
K_{oc}	=	158	cm^3/g or L/kg
K_s	=	120	m/yr
L	=		m
PEF	=		m^3/kg
PEF'	=		m^3/kg
Q/C (VF equations)	=	85.81 Mass Limit 85.81 Inf. Source	$(g/m^2\text{-}s)/(kg/m^3)$
Q/C (PEF equations)	=		$(g/m^2\text{-}s)/(kg/m^3)$
RfC	=	5.0	mg/m^3
RfD_o	=		mg/(kg-d)
S	=	530	mg/L
SF_o	=		$(mg/kg\text{-}d)^{-1}$
T	=	790,000,000	s
T_{M-L}	=	1	yr
THQ	=	1	unitless
TR	=	1.0E-06	unitless
U_m	=	4.69	m/s
URF	=		$(\mu g/m^3)^{-1}$
U_t	=	11.32	m/s
V	=		unitless
VF	=		m^3/kg

Incident #: 942157...20201063 Chemical: Toluene Land Use: Construction Worker

Symbol			Units
VF'	=	100.83	m^3/kg
VF_{M-L}	=		m^3/kg
VF'_{M-L}	=	65.30	m^3/kg
η	=	0.42	L_{poro}/L_{soil}
θ_a	=	0.15	L_{air}/L_{soil}

Symbol			Units
θ_w	=	0.27	L_{water}/L_{soil}
ρ_b	=	1.50901	kg/L or g/cm^3
ρ_s	=	2.599	g/cm^3
ρ_w	=	1	g/cm^3
1/(2b+3)	=	0.074	unitless

Equation				Units
S1	=			mg/kg
S2	=			mg/kg
S3	=			mg/kg
S4	=		Mass Limit Inf. Source	mg/kg
S5	=	460 710	Mass Limit Inf. Source	mg/kg
S6	=		Mass Limit Inf. Source	mg/kg
S7	=		Mass Limit Inf. Source	mg/kg
S17	=	36		mg/kg
S28	=	61		mg/kg
S29	=	940		mg/kg

DERIVATION OF THE SOIL SATURATION LIMIT, Csat
SSL Equations S19 and S29

Qik-N-EZ - North Peoria Road
Springfield, Illinois

$$C_{sat} = \frac{S}{\rho_b} \bullet \left[(K_d \bullet \rho_b) + \theta_w + (H' \bullet \theta_a) \right]$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES	
S	Solubility in Water	mg/l	Toluene	530
ρ_b	Bulk Soil Density	g/cm^3	Gravel	2.0
			Sand	1.8
			Silt	1.6
			Clay	1.7
			or Site-Specific	
K_d	Soil-Water Partition Coefficient	cm^3/g	$K_d = K_{oc} \bullet f_{oc}$	
K_{oc}	Organic Carbon Partition Coefficient	cm^3/g	Toluene	158
f_{oc}	Fractional Organic Carbon	g/g	Site specific	
θ_w	Water Filled Soil Porosity	Dimensionless	Gravel	0.20
			Sand	0.18
			Silt	0.16
			Clay	0.17
			or Site-Specific	Equation S20
H'	Henry's Law Constant	Dimensionless	Toluene	0.271
θ_a	Air Filled Soil Porosity	Dimensionless	Gravel	0.05
			Sand	0.14
			Silt	0.24
			Clay	0.19
			or Site-Specific	Equation S21

INPUT PARAMETER VALUES/INTERMEDIATE VALUES

S=	530 mg/l	K_d=	1.5768 cm^3/g
ρ_b=	1.50901 g/cm^3	θ_w=	0.27 dimensionless
K_{oc}=	158 L/kg	H'=	0.271 dimensionless
f_{oc}=	0.00998 g/g	θ_a=	0.15 dimensionless

C_{sat} = 944.83 mg/kg

Calculated Tier 2 C_{sat} = 945 mg/kg

Tier 1 Non-Exceedence Check (value of C_{sat} will change if Tier 2 C_{sat} is less than Tier 1 C_{sat}):

C_{sat} (Soil Comp of GW Ingestion) =	**940 mg/kg**
C_{sat} (Soil Outdoor Inhalation) =	**940 mg/kg**

TOLUENE

REMEDIATION OBJECTIVE FOR SOIL COMPONENT OF THE
GROUNDWATER INGESTION EXPOSURE ROUTE
Qik-N-EZ - North Peoria Road
Toluene

Equations S17, S18 & S19

Remediation Objective (S17) SRO = (milligrams per kilogram, mg/kg)

$$SRO = C_w \cdot \left[K_d + \frac{(\theta_w + \theta_a \cdot H')}{\rho_b}\right]$$

Target Soil Leachate Concentration (S18) = (milligrams per liter, mg/L)

$$C_w = DF \cdot GW_{obj}$$

Soil Water Partition Coeffiecient (S19) = (unitless)

$$K_d = K_{oc} \cdot f_{oc}$$

Dilution Factor DF = 20

MODEL PARAMETERS INPUT:

Symbol	Unit	Parameter	Values
GW_{obj}	mg/l	IEPA TACO Tier 1 Ground Water Remediation Objective Class I / Class II Toluene 1.0 / 2.5	1.0
θ_w	Unitless	Water Filled Soil Porosity	0.27
θ_a	Unitless	Air Filled Soil Porosity	0.15
K_{oc}	l/kg	Organic Carbon Partition Coefficient	158.0
f_{oc}	g/g	Organic Carbon Content in soil	0.00998
H'	Unitless	Henry's Law Constant	0.271
ρ_b	kg/l	Dry Soil Bulk Density	1.50901

MODEL CALCULATED OUTPUTS:

C_w =	20
K_d =	1.57684

REFERENCE FOR INPUT PARAMETERS

	θ_w	θ_a	ρ_b	f_{oc}
Surface (<1m)	0.15	0.28	1.5	0.006
Subsurface (>1m)	0.30	0.13		0.002
Gravel	0.20	0.05	2.0	
Sand	0.18	0.14	1.8	
Silt	0.16	0.24	1.6	
Clay	0.17	0.19	1.7	
	or Site-Specific via S20	*or Site-Specific via S21*	*or Site-Specific*	*or Site-Specific*

Calculated Equation S17 Soil Remediation Objective:

Soil Remediation Objective = 35.65407 mg/kg

Equations S28 & S18

Remediation Objective (S28) SRO = (milligrams per kilogram, mg/kg)

$$SRO = \frac{C_w \cdot I_{M-L} \cdot ED_{M-L}}{\rho_b \cdot d_s}$$

Target Soil Leachate Concentration (S18) = (milligrams per liter, mg/L)

$$C_w = DF \cdot GW_{obj}$$

Dilution Factor DF = 20

MODEL PARAMETERS INPUT:

Symbol	Unit	Parameter	Values
I_{M-L}	m/yr	Infiltration Rate for Eq S28	0.18
I	m/yr	Infiltration Rate	0.3
GW_{obj}	mg/L	IEPA TACO Tier 1 Ground Water Remdediation Objective Class I / Class II Toluene 1.0 / 2.5	1.0
d_s	m	Depth of Source	2.7432
ED_{M-L}	year	Exposure Duration for Eq S28	70
ρ_b	kg/L	Dry Soil Bulk Density	1.50901

MODEL CALCULATED OUTPUTS:

C_w =	20

REFERENCE FOR INPUT PARAMETERS

	ρ_b
Surface (<1m)	1.5
Subsurface (>1m)	
Gravel	2.0
Sand	1.8
Silt	1.6
Clay	1.7
	or Site-Specific

Calculated Equation S28 Soil Remediation Objective:

Soil Remediation Objective = 60.87668 mg/kg

Largest SRO value between Equations S17 and S28:

Soil Remediation Objective = 60.87668 mg/kg

Soil Saturation Limit Exceedence Check (value of SRO will change if soil saturation limit is exceeded for chemical):

Soil Remediation Objective = 60.9 mg/kg

Tier 1 SRO Non-Exceedence Check (value of SRO will change if Tier 1 SRO is not exceeded for chemical):

Soil Remediation Objective = 60.9 mg/kg

Final Tier 2 Soil Remediation Objective

61.0 milligrams per kilogram (mg/kg)

61,000 micrograms per kilogram (ug/kg)

EQUATIONS S4 AND S5 FOR INHALATION OF VOLATILE CONTAMINANTS IN SOIL (NONCARCINOGENS)

Qik-N-EZ - North Peoria Road
Springfield, Illinois

Residential & Industrial/Commercial Remediation Objectives for Noncarcinogenic Contaminants (mg/kg)

$$\frac{THQ \bullet AT \bullet 365 \frac{d}{yr}}{EF \bullet ED \bullet \left(\frac{1}{RfC} \bullet \frac{1}{VF}\right)}$$

Construction Worker Remediation Objectives for Noncarcinogenic Contaminants (mg/kg)

$$\frac{THQ \bullet AT \bullet 365 \frac{d}{yr}}{EF \bullet ED \bullet \left(\frac{1}{RfC} \bullet \frac{1}{VF'}\right)}$$

S26 - Mass-Limit Volatilization Factor for the Inhalation Exposure Route - Residential & Industrial/Commercial (m^3/kg)

$$VF_{M-L} = \frac{Q}{C} \bullet \frac{\left[T \bullet \left(3.15 \bullet 10^7 \frac{s}{yr}\right)\right]}{\rho_b \bullet d_s \bullet 10^6 \frac{cm^3}{m^3}}$$

S27 - Mass-Limit Volatilization Factor for the Inhalation Exposure Route - Construction Worker (m^3/kg)

$$VF'_{M-L} = \frac{VF_{M-L}}{10}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
AT	AVERAGING TIME FOR NONCARCINOGENS	year	RESIDENTIAL 30 INDUS/COMM. 25 CONST WRKR 0.115
ED	EXPOSURE DURATION FOR INHALATION OF NONCARCINOGEN	year	RESIDENTIAL 30 INDUS/COMM. 25 CONST WRKR 1
EF	EXPOSURE FREQUENCY	d/yr	RESIDENTIAL 350 INDUS/COMM. 250 CONST WRKR 30
RfC	INHALATION REFERENCE CONCENTRATION	mg/m^3	RESIDENTIAL 5.0 INDUS/COMM. 5.0 CONST WRKR 5.0
THQ	TARGET HAZARD QUOTIENT	unitless	1
VF_{M-L}	VOLATILIZATION FACTOR	m^3/kg	REFER TO EQ. S26& S27 WITHIN TACO

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
d_s	DEPTH OF SOURCE	m	SITE SPECIFIC
ρ_b	DRY BULK DENSITY	kg/L	1.5, OR GRAVEL=2.0 SAND=1.8 SILT=1.6 CLAY=1.7, OR SITE SPECIFIC
Q/C	INVERSE OF THE MEAN CONCENTRATION AT THE CENTER OF A SQUARE SOURCE	$(g/m^2\text{-}s)/(kg/m^3)$	RESIDENTIAL 68.81 INDUS/COMM. 85.81 CONST WRKR 85.81 OR 742.Appendix C, Table H: Q/C by Source Area
T	EXPOSURE INTERVAL	yr	RESIDENTIAL 30 INDUS/COMM. 25 CONST WRKR 1

INPUT PARAMETERS FOR VF: RESIDENTIAL & INDUST/COMMER PROPERTIES

Source Area	1 Acre
ds=	2.7432 m
ρb=	1.50901 kg/L
Q/C=	85.81 $(g/m^2\text{-}s)/(kg/m^3)$ (Residential)
Q/C=	85.81 $(g/m^2\text{-}s)/(kg/m^3)$ (Industrial/Commercial)
T_{M-L} =	30 yr (Residential)
T_{M-L} =	25 yr (Industrial/Commercial)
VF_{M-L}=	19,589.35 m^3/kg (Residential)
VF_{M-L}=	16,324.46 m^3/kg (Industrial/Commercial)

INPUT PARAMETERS FOR VF': CONSTRUCTION WORKER

Source Area	1 Acre
ds=	2.7432 m
ρb=	1.50901 kg/L
Q/C=	85.81 $(g/m^2\text{-}s)/(kg/m^3)$
T_{M-L} =	1 yr
VF'_{M-L}=	65.30 m^3/kg

INPUT PARAMETER VALUES: RESIDENTIAL & INDUST/COMMER PROPERTIES

AT=	30 year (Residential)
AT=	25 year (Industrial/Commercial)
ED=	30 year (Residential)
ED=	25 year (Industrial/Commercial)
EF=	350 d/yr (Residential)
EF=	250 d/yr (Industrial/Commercial)
RfC=	5.0 mg/m^3
THQ	1 unitless
VF_{M-L}=	19,589.35 m^3/kg (Residential)
VF_{M-L}=	16,324.46 m^3/kg (Industrial/Commercial)

INPUT PARAMETER VALUES: CONSTRUCTION WORKERS

AT=	0.115 year
ED=	1 year
EF=	30 d/yr
RfC=	5.0 mg/m^3
THQ	1 unitless
VF_{M-L}=	65.30 m^3/kg

Residential Inhalation Remediation Objective (S4) =	**102,144.49 mg/kg**

Construction Worker Inhalation Remediation Objective (S5) =	**456.81 mg/kg**

Industrial/Commercial Inhalation Remediation Objective (S4) =	**119,168.57 mg/kg**

Soil Saturation Limit Exceedence Check (value of SRO will change if soil saturation limit is exceeded for chemical):

Soil Remediation Objective (Residential Inhalation) =	**940 mg/kg**	**940,000 µg/kg**
Soil Remediation Objective (Industrial/Commercial Inhalation) =	**940 mg/kg**	**940,000 µg/kg**
Soil Remediation Objective (Construction Worker Inhalation) =	**457 mg/kg**	**457,000 µg/kg**

Tier 1 Soil Remediation Objective Check (value of SRO will default to Tier 1 if calculated Tier 2 SRO is more stringent for chemical):

Soil Remediation Objective (Residential Inhalation) =	**940 mg/kg**	**940,000 µg/kg**
Soil Remediation Objective (Industrial/Commercial Inhalation) =	**940 mg/kg**	**940,000 µg/kg**
Soil Remediation Objective (Construction Worker Inhalation) =	**460 mg/kg**	**460,000 µg/kg**
	Parts-Per-Million	***Parts-Per-Billion***

TOLUENE

EQUATION S10 FOR DERIVATION OF APPARENT DIFFUSIVITY (D_A)

Qik-N-EZ - North Peoria Road
Springfield, Illinois

S10 - Equation for Derivation of Apparent Diffusivity, D_A (cm^2/s)

$$D_A = \frac{\left(\theta_a^{3.33} \cdot D_i \cdot H'\right) + \left(\theta_w^{3.33} \cdot D_w\right)}{\eta^2} \cdot \frac{1}{\left(\rho_b \cdot K_d\right) + \theta_w + \left(\theta_a \cdot H'\right)}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
θ_a	Air-Filled Soil Porosity	L_{air}/L_{soil}	Gravel = 0.05 Sand = 0.14 Silt - 0.24 Clay = 0.19, or Calculated Value
θ_w	Water-Filled Soil Porosity	L_{water}/L_{soil}	Gravel = 0.20 Sand = 0.18 Silt = 0.16 Clay = 0.17, or Calculated Value
D_i	Diffusivity in Air	cm^2/s	Chemical-Specific Toluene = 0.0870
D_w	Diffusivity in Water	cm^2/s	Chemical-Specific Toluene = 0.00000860
H'	Henry's Law Constant	unitless	Chemical-Specific Toluene = 0.271
η	Total Soil Porosity	L_{pore}/L_{soil}	Calculated Value Equation S24 in TACO
ρ_b	Dry Soil Bulk Density	g/cm^3	Site-Specific Value
K_d	Soil-Water Partition Coefficient	cm^3/g	Calculated Value Equation S19 in TACO

S24 - Total Soil Porosity (L_{pore}/L_{soil})

$$\eta = 1 - \frac{\rho_b}{\rho_s}$$

S19 - Soil Water Partition Coefficient (cm^3/g)

$$K_d = K_{oc} \cdot f_{oc}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
ρ_b	Dry Soil Bulk Density	g/cm^3	Site-Specific Value
ρ_s	Soil Particle Density	g/cm^3	Site-Specific Value
K_{oc}	Organic Carbon Partition Coefficient	cm^3/g	Chemical-Specific Toluene = 158
f_{oc}	Organic Carbon Content of Soil	g/g	Site-Specific Value

INPUT PARAMETERS FOR η

ρ_b=	1.50901	g/cm^3
ρ_s=	2.599	g/cm^3
η=	0.42	L_{pore}/L_{soil}

INPUT PARAMTERS FOR K_d

K_{oc}=	158	cm^3/g
f_{oc}=	0.00998	g/g
K_d=	1.5768	cm^3/g

INPUT PARAMETER VALUES FOR DERIVATION OF APPARENT DIFFUSIVITY, D_A (cm^2/s)

θ_a=	0.15	L_{air}/L_{soil}
θ_w=	0.27	L_{water}/L_{soil}
D_i=	0.087	cm^2/s
D_w=	0.00000860	cm^2/s
H'=	0.271	
η=	0.42	g/cm^3
ρ_b=	1.50901	g/cm^3
K_d=	1.5768	m^3/kg

D_A= 8.99E-05 cm^2/s

TOLUENE

EQUATIONS S4 AND S5 FOR INHALATION OF VOLATILE CONTAMINANTS IN SOIL (NONCARCINOGENS)

Qik-N-EZ - North Peoria Road
Springfield, Illinois

Residential, Industrial/Commercial Remediation Objectives for Noncarcinogenic Contaminants (mg/kg)

$$\frac{THQ \cdot AT \cdot 365\frac{d}{yr}}{EF \cdot ED \cdot \left(\frac{1}{RfC} \cdot \frac{1}{VF}\right)}$$

Construction Worker Remediation Objectives for Noncarcinogenic Contaminants (mg/kg)

$$\frac{THQ \cdot AT \cdot 365\frac{d}{yr}}{EF \cdot ED \cdot \left(\frac{1}{RfC} \cdot \frac{1}{VF'}\right)}$$

S8- Volatilization Factor for the Inhalation Exposure Route - Residential, Industrial/Commercial (m^3/kg)

$$VF = \frac{Q}{C} \cdot \frac{(3.14 \cdot D_A \cdot T)^{1/2}}{2 \cdot \rho_b \cdot D_A} \cdot 10^{-4}$$

S9 - Volatilization Factor for the Inhalation Exposure Route - Construction Worker (m^3/kg)

$$VF' = \frac{VF}{10}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
AT	AVERAGING TIME FOR NONCARCINOGENS	year	RESIDENTIAL 30 INDUS/COMM. 25 CONST WRKR 0.115
ED	EXPOSURE DURATION FOR INHALATION OF NONCARCINOGENS	year	RESIDENTIAL 30 INDUS/COMM. 25 CONST WRKR 1
EF	EXPOSURE FREQUENCY	d/yr	RESIDENTIAL 350 INDUS/COMM. 250 CONST WRKR 30
RfC	INHALATION REFERENCE CONCENTRATION	mg/m³	RESIDENTIAL 5.0 INDUS/COMM. 5.0 CONST WRKR 0.923
THQ	TARGET HAZARD QUOTIENT	unitless	1
VF	VOLATILIZATION FACTOR	m³/kg	REFER TO EQ. S8& S9 WITHIN TACO

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
D_A	APPARENT DIFFUSIVITY	cm²/s	CALCULATED VALUE
ρ_b	DRY BULK DENSITY	g/cm³	1.5, OR GRAVEL=2.0 SAND=1.8 SILT=1.6 CLAY=1.7, OR SITE SPECIFIC
Q/C	INVERSE OF THE MEAN CONCENTRATION AT THE CENTER OF A SQUARE SOURCE	(g/m²-s)/(kg/m³)	RESIDENTIAL 68.81 INDUS/COMM. 85.81 CONST WRKR 85.81 OR 742.Appendix C, Table H: Q/C by Source Area
T	EXPOSURE INTERVAL	s	RESIDENTIAL $9.5*10^8$ INDUS/COMM. $7.9*10^8$ CONST WRKR $3.6*10^6$

INPUT PARAMETERS FOR VF: RESIDENTIAL & INDUST/COMMER PROPERTIES

Source Area	1 Acre
D_A=	8.99E-05 cm²/s
ρb=	1.50901 g/cm³
Q/C=	68.81 (g/m²-s)/(kg/m³) (Residential)
Q/C=	85.81 (g/m²-s)/(kg/m³) (Industrial/Commercial)
T =	9.5E+08 s (Residential)
T =	7.9E+08 s (Industrial / Commercial)
VF=	13,133.93 m³/kg (Residential)
VF=	14,935.95 m³/kg (Industrial/Commercial)

INPUT PARAMETERS FOR VF': CONSTRUCTION WORKER

Source Area	1 Acre
D_A=	8.99E-05 cm²/s
ρb=	1.50901 g/cm³
Q/C=	85.81 (g/m²-s)/(kg/m³)
T=	3.6E+06 s
VF'=	100.83 m³/kg

INPUT PARAMETER VALUES: RESIDENTIAL & INDUST/COMMER PROPERTIES

AT=	30 year (Residential)
AT=	25 year (Industrial/Commercial)
ED=	30 year (Residential)
ED=	25 year (Industrial/Commercial)
EF=	350 d/yr (Residential)
EF=	250 d/yr (Industrial/Commercial)
RfC=	5.0 mg/m³
THQ	1 unitless
VF=	13,133.93 m³/kg (Residential)
VF=	14,935.95 m³/kg (Industrial/Commercial)

INPUT PARAMETER VALUES: CONSTRUCTION WORKERS

AT=	0.115 year
ED=	1 year
EF=	30 d/yr
RfC=	5.0 mg/m³
THQ	1 unitless
VF'=	100.83 m³/kg

Residential Inhalation Remediation Objective (S4) =	**68,484.06 mg/kg**
Industrial/Commercial Inhalation Remediation Objective (S4) =	**109,032.41 mg/kg**

Construction Worker Inhalation Remediation Objective (S5) =	**705.36 mg/kg**

Soil Saturation Limit Exceedence Check (value of SRO will change if soil saturation limit is exceeded for chemical):

Soil Remediation Objective (Residential Inhalation) =	**940 mg/kg**	**940,000 µg/kg**
Soil Remediation Objective (Industrial/Commercial Inhalation) =	**940 mg/kg**	**940,000 µg/kg**
Soil Remediation Objective (Construction Worker Inhalation) =	**705 mg/kg**	**705,000 µg/kg**

Tier 1 Soil Remediation Objective Check (value of SRO will default to Tier 1 if calculated Tier 2 SRO is more stringent for chemical):

Soil Remediation Objective (Residential Inhalation) =	**940 mg/kg**	**940,000 µg/kg**
Soil Remediation Objective (Industrial/Commercial Inhalation) =	**940 mg/kg**	**940,000 µg/kg**
Soil Remediation Objective (Construction Worker Inhalation) =	**710 mg/kg**	**710,000 µg/kg**

Parts-Per-Million *Parts-Per-Billion*

TOLUENE

Illinois Environmental Protection Agency

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Leaking Underground Storage Tank Program
SSL Input Parameters for Use with Tier 2 Calculations

A. Site Identification

IEMA Incident # (6- or 8-digit): 942157...20201063 IEPA LPC # (10-digit): 1671205520

Site Name: Qik-N-EZ

Site Address (not a P.O. Box): 2800 North Peoria Road

City: Springfield County: Sangamon Zip Code: 62702

Leaking UST Technical File

B. Tier 2 Calculation Information

Equation(s) Used (ex: S12, S17, S28): Ethylbenzene: S6, S17, S18, S29

Contact Information for Individual Who Performed Calculations:

Shawn D. Wolfe, Senior Project Manager
Green Wave Consulting, LLC (217) 726-7569

Land Use: Residential USDA Soil Type: Silt Loam

Groundwater: ◉Class I ○Class II

Mass Limit: ◉Yes ○No If Yes, then specify acreage: ○0.5 ◉1 ○2 ○5 ○10 ○30

- Mass Limit Acreage other than defaults must always be rounded up.
- Failure to use site-specific parameters where allowed could affect payment from the Underground Storage Tank Fund.
- Maps depicting source width, plume dimensions, distance, etc. must also be submitted.
- Inputs must be submitted in the designated unit.

Symbol			Units
AT (ingestion)	=		yr
AT (inhalation)	=		yr
AT_c	=	70	yr
BW	=		kg
C_{sat}	=		mg/kg
C_w	=	14	mg/L
d	=		m

Symbol			Units
d_a	=		m
d_s	=	2.7432	m
D_A	=	0.0000485	cm^2/s
D_i	=	0.0750	cm^2/s
D_w	=	0.0000078	cm^2/s
DF	=	20	unitless
ED (ingestion of carcinogens)	=		yr

The Agency is authorized to require this information under Section 4 and Title XVI of the Environmental Protection Act (415 ILCS 5/4, 5/57 – 57.17). Failure to disclose this information may result in a civil penalty of not to exceed $50,000.00 for the violation and an additional civil penalty of not to exceed $10,000.00 for each day during which the violation continues (415 ILCS 5/42). Any person who knowingly makes a false material statement or representation, orally or in writing, in any label, manifest, record, report, permit, or license, or other document filed, maintained or used for the purpose of compliance with Title XVI commits a Class 4 felony. Any second or subsequent offense after conviction hereunder is a Class 3 felony (415 ILCS 5/44 and 57.17).

Incident #: 942157...20201063 Chemical: Ethylbenzene Land Use: Residential

Symbol			Units
ED (inhalation of carcinogens)	=	30	yr
ED (ingestion of noncarcinogens)	=		yr
ED (inhalation of noncarcinogens)	=		yr
ED (ingestion of groundwater)	=		yr
ED_{M-L}	=	70	yr
EF	=	350	d/yr
F(x)	=	0.194	unitless
f_{oc}	=	0.00998	g/g
GW_{obj}	=	0.7	mg/L
H'	=	0.324	unitless
i	=		m/m
I	=	0.3	m/yr
I_{M-L}	=	0.18	m/yr
$IF_{soil-adj}$	=	114	(mg-yr)/(kg-d)
IR_{soil}	=		mg/d
IR_w	=		L/d
K	=		m/yr
K_d (non-ionizing organics)	=		cm^3/g or L/kg
K_d (ionizing organics)	=	3.1936	cm^3/g or L/kg
K_d (inorganics)	=		cm^3/g or L/kg

Symbol			Units
K_{oc}	=	320	cm^3/g or L/kg
K_s	=	120	m/yr
L	=		m
PEF	=		m^3/kg
PEF'	=		m^3/kg
Q/C (VF equations)	=	85.81 Mass Limit 68.81 Inf. Source	$(g/m^2\text{-}s)/(kg/m^3)$
Q/C (PEF equations)	=		$(g/m^2\text{-}s)/(kg/m^3)$
RfC	=		mg/m^3
RfD_o	=		mg/(kg-d)
S	=	170	mg/L
SF_o	=		$(mg/kg\text{-}d)^{-1}$
T	=	950,000,000	s
T_{M-L}	=	30	yr
THQ	=	1	unitless
TR	=	1.0E-06	unitless
U_m	=	4.69	m/s
URF	=	0.0000025	$(\mu g/m^3)^{-1}$
U_t	=	11.32	m/s
V	=		unitless
VF	=	17,881.54	m^3/kg

Incident #: 942157...20201063 Chemical: Ethylbenzene Land Use: Residential

Symbol			Units
VF'	=		m^3/kg
VF_{M-L}	=	19,589.35	m^3/kg
VF'_{M-L}	=		m^3/kg
η	=	0.42	L_{pore}/L_{soil}
θ_a	=	0.15	L_{air}/L_{soil}

Symbol			Units
θ_w	=	0.27	L_{water}/L_{soil}
ρ_b	=	1.50901	kg/L or g/cm^3
ρ_s	=	2.599	g/cm^3
ρ_w	=	1	g/cm^3
1/(2b+3)	=	0.074	unitless

Equation				Units
S1	=			mg/kg
S2	=			mg/kg
S3	=			mg/kg
S4	=		Mass Limit Inf. Source	mg/kg
S5	=		Mass Limit Inf. Source	mg/kg
S6	=	400 * 400 *	Mass Limit Inf. Source	mg/kg
S7	=		Mass Limit Inf. Source	mg/kg
S17	=	48		mg/kg
S28	=	42		mg/kg
S29	=	580		mg/kg

* Tier 2 < Tier 1: default to Tier 1

Illinois Environmental Protection Agency

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Leaking Underground Storage Tank Program
SSL Input Parameters for Use with Tier 2 Calculations

A. Site Identification

IEMA Incident # (6- or 8-digit): 942157...20201063 IEPA LPC # (10-digit): 1671205520

Site Name: Qik-N-EZ

Site Address (not a P.O. Box): 2800 North Peoria Road

City: Springfield County: Sangamon Zip Code: 62702

Leaking UST Technical File

B. Tier 2 Calculation Information

Equation(s) Used (ex: S12, S17, S28): Ethylbenzene: S6, S17, S18, S29

Contact Information for Individual Who Performed Calculations:

Shawn D. Wolfe, Senior Project Manager
Green Wave Consulting, LLC (217) 726-7569

Land Use: Industrial/Commercial USDA Soil Type: Silt Loam

Groundwater: ◉ Class I ○ Class II

Mass Limit: ◉ Yes ○ No If Yes, then specify acreage: ○ 0.5 ◉ 1 ○ 2 ○ 5 ○ 10 ○ 30

- Mass Limit Acreage other than defaults must always be rounded up.
- Failure to use site-specific parameters where allowed could affect payment from the Underground Storage Tank Fund.
- Maps depicting source width, plume dimensions, distance, etc. must also be submitted.
- Inputs must be submitted in the designated unit.

Symbol			Units
AT (ingestion)	=		yr
AT (inhalation)	=		yr
AT_c	=	70	yr
BW	=		kg
C_{sat}	=		mg/kg
C_w	=	14	mg/L
d	=		m

Symbol			Units
d_b	=		m
d_s	=	2.7432	m
D_A	=	0.0000485	cm^2/s
D_i	=	0.0750	cm^2/s
D_w	=	0.0000078	cm^2/s
DF	=	20	unitless
ED (ingestion of carcinogens)	=		yr

The Agency is authorized to require this information under Section 4 and Title XVI of the Environmental Protection Act (415 ILCS 5/4, 5/57 – 57.17). Failure to disclose this information may result in a civil penalty of not to exceed $50,000.00 for the violation and an additional civil penalty of not to exceed $10,000.00 for each day during which the violation continues (415 ILCS 5/42). Any person who knowingly makes a false material statement or representation, orally or in writing, in any label, manifest, record, report, permit, or license, or other document filed, maintained or used for the purpose of compliance with Title XVI commits a Class 4 felony. Any second or subsequent offense after conviction hereunder is a Class 3 felony (415 ILCS 5/44 and 57.17).

[redacted] Symbol [redacted]			Units
ED (inhalation of carcinogens)	=	25	yr
ED (ingestion of noncarcinogens)	=		yr
ED (inhalation of noncarcinogens)	=		yr
ED (ingestion of groundwater)	=		yr
ED_{M-L}	=	70	yr
EF	=	250	d/yr
F(x)	=	0.194	unitless
f_{oc}	=	0.00998	g/g
GW_{obj}	=	0.7	mg/L
H'	=	0.324	unitless
i	=		m/m
I	=	0.3	m/yr
I_{M-L}	=	0.18	m/yr
$IF_{soil-adj}$	=	114	(mg-yr)/(kg-d)
IR_{soil}	=		mg/d
IR_w	=		L/d
K	=		m/yr
K_d (non-ionizing organics)	=		cm^3/g or L/kg
K_d (ionizing organics)	=	3.1936	cm^3/g or L/kg
K_d (inorganics)	=		cm^3/g or L/kg

Symbol			Units
K_{oc}	=	320	cm^3/g or L/kg
K_s	=	120	m/yr
L	=		m
PEF	=		m^3/kg
PEF'	=		m^3/kg
Q/C (VF equations)	=	85.81 Mass Limit 85.81 Inf. Source	$(g/m^2\text{-}s)/(kg/m^3)$
Q/C (PEF equations)	=		$(g/m^2\text{-}s)/(kg/m^3)$
RfC	=		mg/m^3
RfD_o	=		mg/(kg-d)
S	=	170	mg/L
SF_o	=		$(mg/kg\text{-}d)^{-1}$
T	=	790,000,000	s
T_{M-L}	=	25	yr
THQ	=	1	unitless
TR	=	1.0E-06	unitless
U_m	=	4.69	m/s
URF	=	0.0000025	$(\mu g/m^3)^{-1}$
U_t	=	11.32	m/s
V	=		unitless
VF	=	20,334.94	m^3/kg

Incident #: 942157...20201063 Chemical: Ethylbenzene Land Use: Industrial/Commercial

Symbol			Units
VF'	=		m^3/kg
VF_{M-L}	=	16,324.46	m^3/kg
VF'_{M-L}	=		m^3/kg
η	=	0.42	L_{pore}/L_{soil}
θ_a	=	0.15	L_{air}/L_{soil}

Symbol			Units
θ_w	=	0.27	L_{water}/L_{soil}
ρ_b	=	1.50901	kg/L or g/cm^3
ρ_s	=	2.599	g/cm^3
ρ_w	=	1	g/cm^3
1/(2b+3)	=	0.074	unitless

Equation				Units
S1	=			mg/kg
S2	=			mg/kg
S3	=			mg/kg
S4	=		Mass Limit Inf. Source	mg/kg
S5	=		Mass Limit Inf. Source	mg/kg
S6	=	400 * 400 *	Mass Limit Inf. Source	mg/kg
S7	=		Mass Limit Inf. Source	mg/kg
S17	=	48		mg/kg
S28	=	42		mg/kg
S29	=	580		mg/kg

* Tier 2 < Tier 1: default to Tier 1

Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

Leaking Underground Storage Tank Program
SSL Input Parameters for Use with Tier 2 Calculations

A. Site Identification

IEMA Incident # (6- or 8-digit): 942157...20201063 IEPA LPC # (10-digit): 1671205520

Site Name: Qik-N-EZ

Site Address (not a P.O. Box): 2800 North Peoria Road

City: Springfield County: Sangamon Zip Code: 62702

Leaking UST Technical File

B. Tier 2 Calculation Information

Equation(s) Used (ex: S12, S17, S28): Ethylbenzene: S7, S17, S18, S29

Contact Information for Individual Who Performed Calculations:

Shawn D. Wolfe, Senior Project Manager
Green Wave Consulting, LLC (217) 726-7569

Land Use: Construction Worker USDA Soil Type: Silt Loam

Groundwater: ◉Class I ○Class II

Mass Limit: ◉Yes ○No If Yes, then specify acreage: ○0.5 ◉1 ○2 ○5 ○10 ○30

- Mass Limit Acreage other than defaults must always be rounded up.
- Failure to use site-specific parameters where allowed could affect payment from the Underground Storage Tank Fund.
- Maps depicting source width, plume dimensions, distance, etc. must also be submitted.
- Inputs must be submitted in the designated unit.

Symbol			Units
AT (ingestion)	=		yr
AT (inhalation)	=		yr
AT_c	=	70	yr
BW	=		kg
C_{sat}	=		mg/kg
C_w	=	14	mg/L
d	=		m

Symbol			Units
d_b	=		m
d_a	=	2.7432	m
D_A	=	0.0000485	cm^2/s
D_i	=	0.0750	cm^2/s
D_w	=	0.0000078	cm^2/s
DF	=	20	unitless
ED (ingestion of carcinogens)	=		yr

[redacted] Symbol [redacted]			Units
ED (inhalation of carcinogens)	=	1	yr
ED (ingestion of noncarcinogens)	=		yr
ED (inhalation of noncarcinogens)	=		yr
ED (ingestion of groundwater)	=		yr
ED_{M-L}	=	70	yr
EF	=	30	d/yr
F(x)	=	0.194	unitless
f_{oc}	=	0.00998	g/g
GW_{obj}	=	0.7	mg/L
H'	=	0.324	unitless
i	=		m/m
I	=	0.3	m/yr
I_{M-L}	=	0.18	m/yr
$IF_{soil-adj}$	=	114	(mg-yr)/(kg-d)
IR_{soil}	=		mg/d
IR_w	=		L/d
K	=		m/yr
K_d (non-ionizing organics)	=		cm^3/g or L/kg
K_d (ionizing organics)	=	3.1936	cm^3/g or L/kg
K_d (inorganics)	=		cm^3/g or L/kg

Symbol			Units
K_{oc}	=	320	cm^3/g or L/kg
K_s	=	120	m/yr
L	=		m
PEF	=		m^3/kg
PEF'	=		m^3/kg
Q/C (VF equations)	=	85.81 Mass Limit 85.81 Inf. Source	$(g/m^2\text{-}s)/(kg/m^3)$
Q/C (PEF equations)	=		$(g/m^2\text{-}s)/(kg/m^3)$
RfC	=		mg/m^3
RfD_o	=		mg/(kg-d)
S	=	170	mg/L
SF_o	=		$(mg/kg\text{-}d)^{-1}$
T	=	3,600,000	s
T_{M-L}	=	1	yr
THQ	=	1	unitless
TR	=	1.0E-06	unitless
U_m	=	4.69	m/s
URF	=	0.0000025	$(\mu g/m^3)^{-1}$
U_t	=	11.32	m/s
V	=		unitless
VF	=		m^3/kg

Incident #: 942157...20201063 Chemical: Ethylbenzene Land Use: Construction Worker

Symbol			Units
VF'	=	137.27	m^3/kg
VF_{M-L}	=		m^3/kg
VF'_{M-L}	=	65.30	m^3/kg
η	=	0.42	L_{pore}/L_{soil}
θ_a	=	0.15	L_{air}/L_{soil}

Symbol			Units
θ_w	=	0.27	L_{water}/L_{soil}
ρ_b	=	1.50901	kg/L or g/cm^3
ρ_s	=	2.599	g/cm^3
ρ_w	=	1	g/cm^3
1/(2b+3)	=	0.074	unitless

Equation				Units
S1	=			mg/kg
S2	=			mg/kg
S3	=			mg/kg
S4	=		Mass Limit Inf. Source	mg/kg
S5	=		Mass Limit Inf. Source	mg/kg
S6	=		Mass Limit Inf. Source	mg/kg
S7	=	58 * 58 *	Mass Limit Inf. Source	mg/kg
S17	=	48		mg/kg
S28	=	42		mg/kg
S29	=	580		mg/kg

* Tier 2 < Tier 1: default to Tier 1

DERIVATION OF THE SOIL SATURATION LIMIT, Csat
SSL Equations S19 and S29

Qik-N-EZ - North Peoria Road
Springfield, Illinois

$$C_{sat} = \frac{S}{\rho_b} \bullet \left[(K_d \bullet \rho_b) + \theta_w + (H' \bullet \theta_a) \right]$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES	
S	Solubility in Water	mg/l	Ethylbenzene	170
ρ_b	Bulk Soil Density	g/cm^3	Gravel	2.0
			Sand	1.8
			Silt	1.6
			Clay	1.7
			or Site-Specific	
K_d	Soil-Water Partition Coefficient	cm^3/g	$K_d = K_{oc} \bullet f_{oc}$	
K_{oc}	Organic Carbon Partition Coefficient	cm^3/g	Ethylbenzene	320
f_{oc}	Fractional Organic Carbon	g/g	Site specific	
θ_w	Water Filled Soil Porosity	Dimensionless	Gravel	0.20
			Sand	0.18
			Silt	0.16
			Clay	0.17
			or Site-Specific	Equation S20
H'	Henry's Law Constant	Dimensionless	Ethylbenzene	0.324
θ_a	Air Filled Soil Porosity	Dimensionless	Gravel	0.05
			Sand	0.14
			Silt	0.24
			Clay	0.19
			or Site-Specific	Equation S21

INPUT PARAMETER VALUES/INTERMEDIATE VALUES

S=	170 mg/l	K_d=	3.1936 cm^3/g
ρ_b=	1.50901 g/cm^3	θ_w=	0.27 dimensionless
K_{oc}=	320 L/kg	H'=	0.324 dimensionless
f_{oc}=	0.00998 g/g	θ_a=	0.15 dimensionless

C_{sat} = 578.80 mg/kg

Calculated Tier 2 C_{sat} = 579 mg/kg

Tier 1 Non-Exceedence Check (value of C_{sat} will change if Tier 2 C_{sat} is less than Tier 1 C_{sat}):

C_{sat} (Soil Comp of GW Ingestion) =	**580 mg/kg**
C_{sat} (Soil Outdoor Inhalation) =	**580 mg/kg**

ETHYLBENZENE

REMEDIATION OBJECTIVE FOR SOIL COMPONENT OF THE GROUNDWATER INGESTION EXPOSURE ROUTE
Qik-N-EZ - North Peoria Road
Ethylbenzene

Equations S17, S18 & S19

Remediation Objective (S17) SRO = (milligrams per kilogram, mg/kg) $$SRO = C_w \cdot \left[K_d + \frac{(\theta_w + \theta_a \cdot H')}{\rho_b}\right]$$

Target Soil Leachate Concentration (S18) = (milligrams per liter, mg/L) $$C_w = DF \cdot GW_{obj}$$

Soil Water Partition Coeffiecient (S19) = (unitless) $$K_d = K_{oc} \cdot f_{oc}$$

Dilution Factor DF = 20

MODEL PARAMETERS INPUT:

Symbol	Unit	Parameter	Values
GW_{obj}	mg/l	IEPA TACO Tier 1 Ground Water Remediation Objective Class I / Class II Ethylbenzene 0.7 / 1.0	0.7
θ_w	Unitless	Water Filled Soil Porosity	0.27
θ_a	Unitless	Air Filled Soil Porosity	0.15
K_{oc}	l/kg	Organic Carbon Partition Coefficient	320.0
f_{oc}	g/g	Organic Carbon Content in soil	0.00998
H'	Unitless	Henry's Law Constant	0.324
ρ_b	kg/l	Dry Soil Bulk Density	1.50901

MODEL CALCULATED OUTPUTS:

C_w =	14
K_d =	3.1936

REFERENCE FOR INPUT PARAMETERS

	θ_w	θ_a	ρ_b	f_{oc}
Surface (<1m)	0.15	0.28	1.5	0.006
Subsurface (>1m)	0.30	0.13		0.002
Gravel	0.20	0.05	2.0	
Sand	0.18	0.14	1.8	
Silt	0.16	0.24	1.6	
Clay	0.17	0.19	1.7	
	or Site-Specific via S20	*or Site-Specific via S21*	*or Site-Specific*	*or Site-Specific*

Calculated Equation S17 Soil Remediation Objective:

Soil Remediation Objective = 47.66625 mg/kg

Equations S28 & S18

Remediation Objective (S28) SRO = (milligrams per kilogram, mg/kg) $$SRO = \frac{C_w \cdot I_{M-L} \cdot ED_{M-L}}{\rho_b \cdot d_s}$$

Target Soil Leachate Concentration (S18) = (milligrams per liter, mg/L) $$C_w = DF \cdot GW_{obj}$$

Dilution Factor DF = 20

MODEL PARAMETERS INPUT:

Symbol	Unit	Parameter	Values
I_{M-L}	m/yr	Infiltration Rate for Eq S28	0.18
I	m/yr	Infiltration Rate	0.3
GW_{obj}	mg/L	IEPA TACO Tier 1 Ground Water Remdediation Objective Class I / Class II Ethylbenzene 0.7 / 1.0	0.7
d_s	m	Depth of Source	2.7432
ED_{M-L}	year	Exposure Duration for Eq S28	70
ρ_b	kg/L	Dry Soil Bulk Density	1.50901

MODEL CALCULATED OUTPUTS:

C_w =	14

REFERENCE FOR INPUT PARAMETERS

	ρ_b
Surface (<1m)	1.5
Subsurface (>1m)	
Gravel	2.0
Sand	1.8
Silt	1.6
Clay	1.7
	or Site-Specific

Calculated Equation S28 Soil Remediation Objective:

Soil Remediation Objective = 42.61368 mg/kg

Largest SRO value between Equations S17 and S28:

Soil Remediation Objective = 47.66625 mg/kg

Soil Saturation Limit Exceedence Check (value of SRO will change if soil saturation limit is exceeded for chemical):

Soil Remediation Objective = 47.7 mg/kg

Tier 1 SRO Non-Exceedence Check (value of SRO will change if Tier 1 SRO is not exceeded for chemical):

Soil Remediation Objective = 47.7 mg/kg

Final Tier 2 Soil Remediation Objective

48.0 milligrams per kilogram (mg/kg)

48,000 micrograms per kilogram (ug/kg)

EQUATIONS S6 AND S7 FOR INHALATION OF VOLATILE CONTAMINANTS IN SOIL (CARCINOGENS)

Qik-N-EZ - North Peoria Road
Springfield, Illinois

Residential & Industrial/Commercial Remediation Objectives for Carcinogenic Contaminants (mg/kg)

$$\frac{TR \bullet AT_c \bullet 365 \frac{d}{yr}}{URF \bullet 1000 \frac{\mu g}{mg} \bullet EF \bullet ED \bullet \frac{1}{VF}}$$

Construction Worker Remediation Objectives for Carcinogenic Contaminants (mg/kg)

$$\frac{TR \bullet AT_c \bullet 365 \frac{d}{yr}}{URF \bullet 1000 \frac{\mu g}{mg} \bullet EF \bullet ED \bullet \frac{1}{VF'}}$$

S26 - Mass-Limit Volatilization Factor for the Inhalation Exposure Route - Residential & Industrial/Commercial (m^3/kg)

$$VF_{M-L} = \frac{Q}{C} \bullet \frac{\left[T \bullet \left(3.15 \bullet 10^7 \frac{s}{yr}\right)\right]}{\rho_b \bullet d_s \bullet 10^6 \frac{cm^3}{m^3}}$$

S27 - Mass-Limit Volatilization Factor for the Inhalation Exposure Route - Construction Worker (m^3/kg)

$$VF'_{M-L} = \frac{VF_{M-L}}{10}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
AT_c	AVERAGING TIME FOR CARCINOGENS	year	70
ED	EXPOSURE DURATION FOR INHALATION OF CARCINOGEN	year	RESIDENTIAL 30 INDUS/COMM. 25 CONST WRKR 1
EF	EXPOSURE FREQUENCY	d/yr	RESIDENTIAL 350 INDUS/COMM. 250 CONST WRKR 30
TR	TARGET CANCER RISK	unitless	RESIDENTIAL 10^{-6} INDUS/COMM. 10^{-6} CONST WRKR 10^{-6}
URF	INHALATION UNIT RISK FACTOR	$(\mu g/m^3)^{-1}$	$2.5x10^{-6}$ ethylbenzene
VF_{M-L}	VOLATILIZATION FACTOR	m^3/kg	REFER TO EQ. S26& S27 WITHIN TACO

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
d_s	DEPTH OF SOURCE	m	SITE SPECIFIC
ρ_b	DRY BULK DENSITY	g/cm^3	1.5, OR GRAVEL=2.0 SAND=1.8 SILT=1.6 CLAY=1.7, OR SITE SPECIFIC
Q/C	INVERSE OF THE MEAN CONCENTRATION AT THE CENTER OF A SQUARE SOURCE	$(g/m^2\text{-}s)/(kg/m^3)$	RESIDENTIAL 68.81 INDUS/COMM. 85.81 CONST WRKR 85.81 OR 742.Appendix C, Table H: Q/C by Source Area
T	EXPOSURE INTERVAL	yr	RESIDENTIAL 30 INDUS/COMM. 25 CONST WRKR 1

INPUT PARAMETERS FOR VF: RESIDENTIAL & INDUST/COMMER PROPERTIES

Source Area	1 Acre
ds=	2.7432 m
pb=	1.50901 kg/L
Q/C=	85.81 $(g/m^2\text{-}s)/(kg/m^3)$ (Residential)
Q/C=	85.81 $(g/m^2\text{-}s)/(kg/m^3)$ (Industrial/Commercial)
T_{M-L} =	30 yr (Residential)
T_{M-L} =	25 yr (Industrial/Commercial)
VF_{M-L}=	19,589.35 m^3/kg (Residential)
VF_{M-L}=	16,324.46 m^3/kg (Industrial/Commercial)

INPUT PARAMETERS FOR VF': CONSTRUCTION WORKER

Source Area	1 Acre
ds=	2.7432 m
pb=	1.50901 kg/L
Q/C=	85.81 $(g/m^2\text{-}s)/(kg/m^3)$
T_{M-L} =	1 yr
VF'_{M-L}=	65.30 m^3/kg

INPUT PARAMETER VALUES: RESIDENTIAL & INDUST/COMMER PROPERTIES

AT_c=	70 year
ED=	30 year (Residential)
ED=	25 year (Industrial/Commercial)
EF=	350 d/yr (Residential)
EF=	250 d/yr (Industrial/Commercial)
TR=	1.00E-06 unitless
URF=	2.50E-06 $(\mu g/m^3)^{-1}$
VF_{M-L}=	19,589.35 m^3/kg (Residential)
VF_{M-L}=	16,324.46 m^3/kg (Industrial/Commercial)

INPUT PARAMETER VALUES: CONSTRUCTION WORKERS

AT_c=	70 year
ED=	1 year
EF=	30 d/yr
TR=	1.00E-06 unitless
URF=	2.50E-06 $(\mu g/m^3)^{-1}$
VF'_{M-L}=	65.30 m^3/kg

Residential Inhalation Remediation Objective (S6) =	**19.07 mg/kg**

Construction Worker Inhalation Remediation Objective (S7) =	**22.24 mg/kg**

Industrial/Commercial Inhalation Remediation Objective (S6) =	**26.69 mg/kg**

Soil Saturation Limit Exceedence Check (value of SRO will change if soil saturation limit is exceeded for chemical):

Soil Remediation Objective (Residential Inhalation) =	**19.1 mg/kg**	**19,100 µg/kg**
Soil Remediation Objective (Industrial/Commercial Inhalation) =	**26.7 mg/kg**	**26,700 µg/kg**
Soil Remediation Objective (Construction Worker Inhalation) =	**22.2 mg/kg**	**22,200 µg/kg**

Tier 1 Soil Remediation Objective Check (value of SRO will default to Tier 1 if calculated Tier 2 SRO is more stringent for chemical):

Soil Remediation Objective (Residential Inhalation) =	**400 mg/kg**	**400,000 µg/kg**
Soil Remediation Objective (Industrial/Commercial Inhalation) =	**400 mg/kg**	**400,000 µg/kg**
Soil Remediation Objective (Construction Worker Inhalation) =	**58 mg/kg**	**58,000 µg/kg**
	Parts-Per-Million	*Parts-Per-Billion*

ETHYLBENZENE - Carcinogenic

EQUATION S10 FOR DERIVATION OF APPARENT DIFFUSIVITY (D_A)

Qik-N-EZ - North Peoria Road

Springfield, Illinois

S10 - Equation for Derivation of Apparent Diffusivity, D_A (cm^2/s)

$$D_A = \frac{\left(\theta_a^{3.33} \cdot D_i \cdot H'\right) + \left(\theta_w^{3.33} \cdot D_w\right)}{\eta^2} \cdot \frac{1}{\left(\rho_b \cdot K_d\right) + \theta_w + \left(\theta_a \cdot H'\right)}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
θ_a	Air-Filled Soil Porosity	L_{air}/L_{soil}	Gravel = 0.05 Sand = 0.14 Silt - 0.24 Clay = 0.19, or Calculated Value
θ_w	Water-Filled Soil Porosity	L_{water}/L_{soil}	Gravel = 0.20 Sand = 0.18 Silt = 0.16 Clay = 0.17, or Calculated Value
D_i	Diffusivity in Air	cm^2/s	Chemical-Specific Ethylbenzene = 0.0750
D_w	Diffusivity in Water	cm^2/s	Chemical-Specific Ethylbenzene = 0.00000780
H'	Henry's Law Constant	unitless	Chemical-Specific Ethylbenzene = 0.324
η	Total Soil Porosity	L_{pore}/L_{soil}	Calculated Value Equation S24 in TACO
ρ_b	Dry Soil Bulk Density	g/cm^3	Site-Specific Value
K_d	Soil-Water Partition Coefficient	cm^3/g	Calculated Value Equation S19 in TACO

S24 - Total Soil Porosity (L_{pore}/L_{soil}) $\eta = 1 - \frac{\rho_b}{\rho_s}$

S19 - Soil Water Partition Coefficient (cm^3/g) $K_d = K_{oc} \cdot f_{oc}$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
ρ_b	Dry Soil Bulk Density	g/cm^3	Site-Specific Value
ρ_s	Soil Particle Density	g/cm^3	Site-Specific Value
K_{oc}	Organic Carbon Partition Coefficient	cm^3/g	Chemical-Specific Ethylbenzene = 320
f_{oc}	Organic Carbon Content of Soil	g/g	Site-Specific Value

INPUT PARAMETERS FOR η

ρ_b=	1.50901	g/cm^3
ρ_s=	2.599	g/cm^3
η=	0.42	L_{pore}/L_{soil}

INPUT PARAMTERS FOR K_d

K_{oc}=	320	cm^3/g
f_{oc}=	0.00998	g/g
K_d=	3.1936	cm^3/g

INPUT PARAMETER VALUES FOR DERIVATION OF APPARENT DIFFUSIVITY, D_A (cm^2/s)

θ_a=	0.15	L_{air}/L_{soil}
θ_w=	0.27	L_{water}/L_{soil}
D_i=	0.0750	cm^2/s
D_w=	0.00000780	cm^2/s
H'=	0.324	
η=	0.42	g/cm^3
ρ_b=	1.50901	g/cm^3
K_d=	3.1936	m^3/kg

D_A= 4.85E-05 cm^2/s

ETHYLBENZENE

EQUATIONS S6 AND S7 FOR INHALATION OF VOLATILE CONTAMINANTS IN SOIL (CARCINOGENS)

Qik-N-EZ - North Peoria Road
Springfield, Illinois

Residential, Industrial/Commercial Remediation Objectives for Carcinogenic Contaminants (mg/kg)

$$\frac{TR \cdot AT_c \cdot 365\frac{d}{yr}}{URF \cdot 1000\frac{\mu g}{mg} \cdot EF \cdot ED \cdot \frac{1}{VF}}$$

Construction Worker Remediation Objectives for Carcinogenic Contaminants (mg/kg)

$$\frac{TR \cdot AT_c \cdot 365\frac{d}{yr}}{URF \cdot 1000\frac{\mu g}{mg} \cdot EF \cdot ED \cdot \frac{1}{VF'}}$$

S8- Volatilization Factor for the Inhalation Exposure Route - Residential, Industrial/Commercial (m^3/kg)

$$VF = \frac{Q}{C} \cdot \frac{(3.14 \cdot D_A \cdot T)^{1/2}}{2 \cdot \rho_b \cdot D_A} \cdot 10^{-4}$$

S9 - Volatilization Factor for the Inhalation Exposure Route - Construction Worker (m^3/kg)

$$VF' = \frac{VF}{10}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
AT_c	AVERAGING TIME FOR CARCINOGENS	year	70
ED	EXPOSURE DURATION FOR INHALATION OF CARCINOGEN	year	RESIDENTIAL 30 INDUS/COMM. 25 CONST WRKR 1
EF	EXPOSURE FREQUENCY	d/yr	RESIDENTIAL 350 INDUS/COMM. 250 CONST WRKR 30
TR	TARGET CANCER RISK	unitless	RESIDENTIAL 10^{-6} INDUS/COMM. 10^{-6} CONST WRKR 10^{-6}
URF	INHALATION UNIT RISK FACTOR	$(\mu g/m^3)^{-1}$	$2.5x10^{-6}$ ethylbenzene
VF	VOLATILIZATION FACTOR	m^3/kg	REFER TO EQ. S8& S9 WITHIN TACO

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
D_A	APPARENT DIFFUSIVITY	cm^2/s	CALCULATED VALUE
Pb	DRY BULK DENSITY	g/cm^3	1.5, OR GRAVEL=2.0 SAND=1.8 SILT=1.6 CLAY=1.7, OR SITE SPECIFIC
Q/C	INVERSE OF THE MEAN CONCENTRATION AT THE CENTER OF A SQUARE SOURCE	$(g/m^2\text{-}s)/(kg/m^3)$	RESIDENTIAL 68.81 INDUS/COMM. 85.81 CONST WRKR 85.81 OR 742.Appendix C, Table H: Q/C by Source Area
T	EXPOSURE INTERVAL	S	RESIDENTIAL $9.5*10^8$ INDUS/COMM. $7.9*10^8$ CONST WRKR $3.6*10^6$

INPUT PARAMETERS FOR VF: RESIDENTIAL & INDUST/COMMER PROPERTIES

Source Area	1	Acre
D_A=	4.85E-05	cm^2/s
ρb=	1.50901	g/cm^3
Q/C=	68.81	$(g/m^2\text{-}s)/(kg/m^3)$ (Residential)
Q/C=	85.81	$(g/m^2\text{-}s)/(kg/m^3)$ (Industrial/Commercial)
T =	9.5E+08	s (Residential)
T =	7.9E+08	s (Industrial / Commercial)
VF=	17,881.54	m^3/kg (Residential)
VF=	20,334.94	m^3/kg (Industrial/Commercial)

INPUT PARAMETERS FOR VF': CONSTRUCTION WORKER

Source Area	1	Acre
D_A=	4.85E-05	cm^2/s
ρb=	1.50901	g/cm^3
Q/C=	85.81	$(g/m^2\text{-}s)/(kg/m^3)$
T=	3.6E+06	s
VF'=	137.27	m^3/kg

INPUT PARAMETER VALUES: RESIDENTIAL & INDUST/COMMER PROPERTIES

AT_c=	70	year
ED=	30	year (Residential)
ED=	25	year (Industrial/Commercial)
EF=	350	d/yr (Residential)
EF=	250	d/yr (Industrial/Commercial)
TR=	1.00E-06	unitless
URF=	2.50E-06	$(\mu g/m^3)^{-1}$
VF=	17,881.54	m^3/kg (Residential)
VF=	20,334.94	m^3/kg (Industrial/Commercial)

INPUT PARAMETER VALUES: CONSTRUCTION WORKERS

AT_c=	70	year
ED=	1	year
EF=	30	d/yr
TR=	1.00E-06	unitless
URF=	2.50E-06	$(\mu g/m^3)^{-1}$
VF=	137.27	m^3/kg

Residential Inhalation Remediation Objective (S6) =	**17.40 mg/kg**
Industrial/Commercial Inhalation Remediation Objective (S6) =	**33.25 mg/kg**

Construction Worker Inhalation Remediation Objective (S7) =	**46.76 mg/kg**

Soil Saturation Limit Exceedence Check (value of SRO will change if soil saturation limit is exceeded for chemical):

Soil Remediation Objective (Residential Inhalation) =	**17.4 mg/kg**	**17,400 µg/kg**
Soil Remediation Objective (Industrial/Commercial Inhalation) =	**33.3 mg/kg**	**33,300 µg/kg**
Soil Remediation Objective (Construction Worker Inhalation) =	**46.8 mg/kg**	**46,800 µg/kg**

Tier 1 Soil Remediation Objective Check (value of SRO will default to Tier 1 if calculated Tier 2 SRO is more stringent for chemical):

Soil Remediation Objective (Residential Inhalation) =	**400 mg/kg**	**400,000 µg/kg**
Soil Remediation Objective (Industrial/Commercial Inhalation) =	**400 mg/kg**	**400,000 µg/kg**
Soil Remediation Objective (Construction Worker Inhalation) =	**58 mg/kg**	**58,000 µg/kg**
	Parts-Per-Million	*Parts-Per-Billion*

ETHYLBENZENE - Carcinogenic

Illinois Environmental Protection Agency

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Leaking Underground Storage Tank Program
SSL Input Parameters for Use with Tier 2 Calculations

A. Site Identification

IEMA Incident # (6- or 8-digit): 942157...20201063 IEPA LPC # (10-digit): 1671205520

Site Name: Qik-N-EZ

Site Address (not a P.O. Box): 2800 North Peoria Road

City: Springfield County: Sangamon Zip Code: 62702

Leaking UST Technical File

B. Tier 2 Calculation Information

Equation(s) Used (ex: S12, S17, S28): Total Xylenes: S4, S17, S18, S29

Contact Information for Individual Who Performed Calculations:

Shawn D. Wolfe, Senior Project Manager
Green Wave Consulting, LLC (217) 726-7569

Land Use: Residential USDA Soil Type: Silt Loam

Groundwater: ◉Class I ○Class II

Mass Limit: ◉Yes ○No If Yes, then specify acreage: ○0.5 ◉1 ○2 ○5 ○10 ○30

- Mass Limit Acreage other than defaults must always be rounded up.
- Failure to use site-specific parameters where allowed could affect payment from the Underground Storage Tank Fund.
- Maps depicting source width, plume dimensions, distance, etc. must also be submitted.
- Inputs must be submitted in the designated unit.

Symbol			Units
AT (ingestion)	=		yr
AT (inhalation)	=	30	yr
AT_c	=	70	yr
BW	=		kg
C_{soil}	=		mg/kg
C_w	=	200	mg/L
d	=		m

Symbol			Units
d_b	=		m
d_e	=	2.7432	m
D_A	=	0.0000324	cm^2/s
D_i	=	0.0735	cm^2/s
D_w	=	0.00000923	cm^2/s
DF	=	20	unitless
ED (ingestion of carcinogens)	=		yr

[redacted] Symbol [redacted]			Units
ED (inhalation of carcinogens)	=		yr
ED (ingestion of noncarcinogens)	=		yr
ED (inhalation of noncarcinogens)	=	30	yr
ED (ingestion of groundwater)	=		yr
ED_{M-L}	=	70	yr
EF	=	350	d/yr
F(x)	=	0.194	unitless
f_{oc}	=	0.00998	g/g
GW_{obj}	=	10	mg/L
H'	=	0.271	unitless
i	=		m/m
I	=	0.3	m/yr
I_{M-L}	=	0.18	m/yr
$IF_{soil-adj}$	=	114	(mg-yr)/(kg-d)
IR_{soil}	=		mg/d
IR_w	=		L/d
K	=		m/yr
K_d (non-ionizing organics)	=		cm^3/g or L/kg
K_d (ionizing organics)	=	3.97204	cm^3/g or L/kg
K_d (inorganics)	=		cm^3/g or L/kg

Symbol			Units
K_{oc}	=	398	cm^3/g or L/kg
K_s	=	120	m/yr
L	=		m
PEF	=		m^3/kg
PEF'	=		m^3/kg
Q/C (VF equations)	=	85.81 Mass Limit 68.81 Inf. Source	$(g/m^2\text{-}s)/(kg/m^3)$
Q/C (PEF equations)	=		$(g/m^2\text{-}s)/(kg/m^3)$
RfC	=	0.1	mg/m^3
RfD_o	=		mg/(kg-d)
S	=	110	mg/L
SF_o	=		$(mg/kg\text{-}d)^{-1}$
T	=	950,000,000	s
T_{M-L}	=	30	yr
THQ	=	1	unitless
TR	=	1.0E-06	unitless
U_m	=	4.69	m/s
URF	=		$(\mu g/m^3)^{-1}$
U_t	=	11.32	m/s
V	=		unitless
VF	=	21,867.50	m^3/kg

Incident #: 942157...20201063 Chemical: Total Xylenes Land Use: Residential

Symbol			Units
VF'	=		m^3/kg
VF_{M-L}	=	19,589.35	m^3/kg
VF'_{M-L}	=		m^3/kg
η	=	0.42	L_{pore}/L_{soil}
θ_a	=	0.15	L_{air}/L_{soil}

Symbol			Units
θ_w	=	0.27	L_{water}/L_{soil}
ρ_b	=	1.50901	kg/L or g/cm^3
ρ_s	=	2.599	g/cm^3
ρ_w	=	1	g/cm^3
1/(2b+3)	=	0.074	unitless

Equation				Units	
S1	=			mg/kg	
S2	=			mg/kg	
S3	=			mg/kg	
S4	=	460 *	Mass Limit	mg/kg	* Tier 2 > Csat: default to appropriate Csat
		460 *	Inf. Source		
S5	=		Mass Limit	mg/kg	
			Inf. Source		
S6	=		Mass Limit	mg/kg	
			Inf. Source		
S7	=		Mass Limit	mg/kg	
			Inf. Source		
S17	=	460 *		mg/kg	* Tier 2 > Csat: default to appropriate Csat
S28	=	460 *		mg/kg	* Tier 2 > Csat: default to appropriate Csat
S29	=	460		mg/kg	

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Leaking Underground Storage Tank Program
SSL Input Parameters for Use with Tier 2 Calculations

A. Site Identification

IEMA Incident # (6- or 8-digit): 942157...20201063 IEPA LPC # (10-digit): 1671205520

Site Name: Qik-N-EZ

Site Address (not a P.O. Box): 2800 North Peoria Road

City: Springfield County: Sangamon Zip Code: 62702

Leaking UST Technical File

B. Tier 2 Calculation Information

Equation(s) Used (ex: S12, S17, S28): Total Xylenes: S4, S17, S18, S29

Contact Information for Individual Who Performed Calculations:

Shawn D. Wolfe, Senior Project Manager
Green Wave Consulting, LLC (217) 726-7569

Land Use: Industrial/Commercial USDA Soil Type: Silt Loam

Groundwater: ◉ Class I ○ Class II

Mass Limit: ◉ Yes ○ No If Yes, then specify acreage: ○ 0.5 ◉ 1 ○ 2 ○ 5 ○ 10 ○ 30

- Mass Limit Acreage other than defaults must always be rounded up.
- Failure to use site-specific parameters where allowed could affect payment from the Underground Storage Tank Fund.
- Maps depicting source width, plume dimensions, distance, etc. must also be submitted.
- Inputs must be submitted in the designated unit.

Symbol			Units
AT (ingestion)	=		yr
AT (inhalation)	=	25	yr
AT_c	=	70	yr
BW	=		kg
C_{sat}	=		mg/kg
C_w	=	200	mg/L
d	=		m

Symbol			Units
d_a	=		m
d_e	=	2.7432	m
D_A	=	0.0000324	cm^2/s
D_i	=	0.0735	cm^2/s
D_w	=	0.00000923	cm^2/s
DF	=	20	unitless
ED (ingestion of carcinogens)	=		yr

The Agency is authorized to require this information under Section 4 and Title XVI of the Environmental Protection Act (415 ILCS 5/4, 5/57 – 57.17). Failure to disclose this information may result in a civil penalty of not to exceed $50,000.00 for the violation and an additional civil penalty of not to exceed $10,000.00 for each day during which the violation continues (415 ILCS 5/42). Any person who knowingly makes a false material statement or representation, orally or in writing, in any label, manifest, record, report, permit, or license, or other document filed, maintained or used for the purpose of compliance with Title XVI commits a Class 4 felony. Any second or subsequent offense after conviction hereunder is a Class 3 felony (415 ILCS 5/44 and 57.17).

[redacted] Symbol [redacted]			Units
ED (inhalation of carcinogens)	=		yr
ED (ingestion of noncarcinogens)	=		yr
ED (inhalation of noncarcinogens)	=	25	yr
ED (ingestion of groundwater)	=		yr
ED_{M-L}	=	70	yr
EF	=	250	d/yr
F(x)	=	0.194	unitless
f_{oc}	=	0.00998	g/g
GW_{obj}	=	10	mg/L
H'	=	0.271	unitless
i	=		m/m
I	=	0.3	m/yr
I_{M-L}	=	0.18	m/yr
$IF_{soil-adj}$	=	114	(mg-yr)/(kg-d)
IR_{soil}	=		mg/d
IR_w	=		L/d
K	=		m/yr
K_d (non-ionizing organics)	=		cm^3/g or L/kg
K_d (ionizing organics)	=	3.97204	cm^3/g or L/kg
K_d (inorganics)	=		cm^3/g or L/kg

Symbol			Units
K_{oc}	=	398	cm^3/g or L/kg
K_s	=	120	m/yr
L	=		m
PEF	=		m^3/kg
PEF'	=		m^3/kg
Q/C (VF equations)	=	85.81 Mass Limit 85.81 Inf. Source	$(g/m^2\text{-}s)/(kg/m^3)$
Q/C (PEF equations)	=		$(g/m^2\text{-}s)/(kg/m^3)$
RfC	=	0.1	mg/m^3
RfD_o	=		mg/(kg-d)
S	=	110	mg/L
SF_o	=		$(mg/kg\text{-}d)^{-1}$
T	=	790,000,000	s
T_{M-L}	=	25	yr
THQ	=	1	unitless
TR	=	1.0E-06	unitless
U_m	=	4.69	m/s
URF	=		$(\mu g/m^3)^{-1}$
U_t	=	11.32	m/s
V	=		unitless
VF	=	24,867.79	m^3/kg

Incident #: 942157...20201063 Chemical: Total Xylenes Land Use: Industrial/Commercial

Symbol			Units
VF'	=		m^3/kg
VF_{M-L}	=	16,324.46	m^3/kg
VF'_{M-L}	=		m^3/kg
η	=	0.42	L_{pore}/L_{soil}
θ_a	=	0.15	L_{air}/L_{soil}

Symbol			Units
θ_w	=	0.27	L_{water}/L_{soil}
ρ_b	=	1.50901	kg/L or g/cm^3
ρ_s	=	2.599	g/cm^3
ρ_w	=	1	g/cm^3
1/(2b+3)	=	0.074	unitless

Equation				Units	
S1	=			mg/kg	
S2	=			mg/kg	
S3	=			mg/kg	
S4	=	460 *	Mass Limit	mg/kg	* Tier 2 > Csat: default to appropriate Csat
		460 *	Inf. Source		
S5	=		Mass Limit	mg/kg	
			Inf. Source		
S6	=		Mass Limit	mg/kg	
			Inf. Source		
S7	=		Mass Limit	mg/kg	
			Inf. Source		
S17	=	460 *		mg/kg	* Tier 2 > Csat: default to appropriate Csat
S28	=	460 *		mg/kg	* Tier 2 > Csat: default to appropriate Csat
S29	=	460		mg/kg	

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Leaking Underground Storage Tank Program
SSL Input Parameters for Use with Tier 2 Calculations

A. Site Identification

IEMA Incident # (6- or 8-digit): 942157...20201063 IEPA LPC # (10-digit): 1671205520

Site Name: Qik-N-EZ

Site Address (not a P.O. Box): 2800 North Peoria Road

City: Springfield County: Sangamon Zip Code: 62702

Leaking UST Technical File

B. Tier 2 Calculation Information

Equation(s) Used (ex: S12, S17, S28): Total Xylenes: S5, S17, S18, S29

Contact Information for Individual Who Performed Calculations:

Shawn D. Wolfe, Senior Project Manager
Green Wave Consulting, LLC (217) 726-7569

Land Use: Construction Worker USDA Soil Type: Silt Loam

Groundwater: ◉ Class I ○ Class II

Mass Limit: ◉ Yes ○ No If Yes, then specify acreage: ○ 0.5 ◉ 1 ○ 2 ○ 5 ○ 10 ○ 30

- Mass Limit Acreage other than defaults must always be rounded up.
- Failure to use site-specific parameters where allowed could affect payment from the Underground Storage Tank Fund.
- Maps depicting source width, plume dimensions, distance, etc. must also be submitted.
- Inputs must be submitted in the designated unit.

Symbol			Units
AT (ingestion)	=		yr
AT (inhalation)	=	0.115	yr
AT_c	=	70	yr
BW	=		kg
C_{sat}	=		mg/kg
C_w	=	200	mg/L
d	=		m

Symbol			Units
d_a	=		m
d_s	=	2.7432	m
D_A	=	0.0000324	cm^2/s
D_i	=	0.0735	cm^2/s
D_w	=	0.00000923	cm^2/s
DF	=	20	unitless
ED (ingestion of carcinogens)	=		yr

The Agency is authorized to require this information under Section 4 and Title XVI of the Environmental Protection Act (415 ILCS 5/4, 5/57 – 57.17). Failure to disclose this information may result in a civil penalty of not to exceed $50,000.00 for the violation and an additional civil penalty of not to exceed $10,000.00 for each day during which the violation continues (415 ILCS 5/42). Any person who knowingly makes a false material statement or representation, orally or in writing, in any label, manifest, record, report, permit, or license, or other document filed, maintained or used for the purpose of compliance with Title XVI commits a Class 4 felony. Any second or subsequent offense after conviction hereunder is a Class 3 felony (415 ILCS 5/44 and 57.17).

[redacted] Symbol			Units
ED (inhalation of carcinogens)	=		yr
ED (ingestion of noncarcinogens)	=		yr
ED (inhalation of noncarcinogens)	=	1	yr
ED (ingestion of groundwater)	=		yr
ED_{M-L}	=	70	yr
EF	=	30	d/yr
F(x)	=	0.194	unitless
f_{oc}	=	0.00998	g/g
GW_{obj}	=	10	mg/L
H'	=	0.271	unitless
i	=		m/m
I	=	0.3	m/yr
I_{M-L}	=	0.18	m/yr
$IF_{soil-adj}$	=	114	(mg-yr)/(kg-d)
IR_{soil}	=		mg/d
IR_w	=		L/d
K	=		m/yr
K_d (non-ionizing organics)	=		cm^3/g or L/kg
K_d (ionizing organics)	=	3.97204	cm^3/g or L/kg
K_d (inorganics)	=		cm^3/g or L/kg

Symbol			Units
K_{oc}	=	398	cm^3/g or L/kg
K_s	=	120	m/yr
L	=		m
PEF	=		m^3/kg
PEF'	=		m^3/kg
Q/C (VF equations)	=	85.81 Mass Limit 85.81 Inf. Source	$(g/m^2\text{-}s)/(kg/m^3)$
Q/C (PEF equations)	=		$(g/m^2\text{-}s)/(kg/m^3)$
RfC	=	0.4	mg/m^3
RfD_o	=		mg/(kg-d)
S	=	110	mg/L
SF_o	=		$(mg/kg\text{-}d)^{-1}$
T	=	3,600,000	s
T_{M-L}	=	1	yr
THQ	=	1	unitless
TR	=	1.0E-06	unitless
U_m	=	4.69	m/s
URF	=		$(\mu g/m^3)^{-1}$
U_t	=	11.32	m/s
V	=		unitless
VF	=		m^3/kg

Incident #: 942157...20201063 Chemical: Total Xylenes Land Use: Construction Worker

Symbol			Units
VF'	=	167.87	m^3/kg
VF_{M-L}	=		m^3/kg
VF'_{M-L}	=	65.30	m^3/kg
η	=	0.42	L_{pore}/L_{soil}
θ_a	=	0.15	L_{air}/L_{soil}

Symbol			Units
θ_w	=	0.27	L_{water}/L_{soil}
ρ_b	=	1.50901	kg/L or g/cm^3
ρ_s	=	2.599	g/cm^3
ρ_w	=	1	g/cm^3
1/(2b+3)	=	0.074	unitless

Equation				Units	
S1	=			mg/kg	
S2	=			mg/kg	
S3	=			mg/kg	
S4	=		Mass Limit Inf. Source	mg/kg	
S5	=	37 94	Mass Limit Inf. Source	mg/kg	
S6	=		Mass Limit Inf. Source	mg/kg	
S7	=		Mass Limit Inf. Source	mg/kg	
S17	=	460 *		mg/kg	* Tier 2 > Csat: default to appropriate Csat
S28	=	460 *		mg/kg	* Tier 2 > Csat: default to appropriate Csat
S29	=	460		mg/kg	

DERIVATION OF THE SOIL SATURATION LIMIT, Csat
SSL Equations S19 and S29

Qik-N-EZ - North Peoria Road
Springfield, Illinois

$$C_{sat} = \frac{S}{\rho_b} \bullet \left[(K_d \bullet \rho_b) + \theta_w + (H' \bullet \theta_a) \right]$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES	
S	Solubility in Water	mg/l	Total Xylenes	110
ρ_b	Bulk Soil Density	g/cm^3	Gravel	2.0
			Sand	1.8
			Silt	1.6
			Clay	1.7
			or Site-Specific	
K_d	Soil-Water Partition Coefficient	cm^3/g	$K_d = K_{oc} \bullet f_{oc}$	
K_{oc}	Organic Carbon Partition Coefficient	cm^3/g	Total Xylenes	398
f_{oc}	Fractional Organic Carbon	g/g	Site specific	
θ_w	Water Filled Soil Porosity	Dimensionless	Gravel	0.20
			Sand	0.18
			Silt	0.16
			Clay	0.17
			or Site-Specific	Equation S20
H'	Henry's Law Constant	Dimensionless	Total Xylenes	0.271
θ_a	Air Filled Soil Porosity	Dimensionless	Gravel	0.05
			Sand	0.14
			Silt	0.24
			Clay	0.19
			or Site-Specific	Equation S21

INPUT PARAMETER VALUES/INTERMEDIATE VALUES

S=	110 mg/l	K_d=	3.9720 cm^3/g
ρ_b=	1.50901 g/cm^3	θ_w=	0.27 dimensionless
K_{oc}=	398 L/kg	H'=	0.271 dimensionless
f_{oc}=	0.00998 g/g	θ_a=	0.15 dimensionless

C_{sat} = 459.57 mg/kg

Calculated Tier 2 C_{sat} = 460 mg/kg

Tier 1 Non-Exceedence Check (value of C_{sat} will change if Tier 2 C_{sat} is less than Tier 1 C_{sat}):

C_{sat} (Soil Comp of GW Ingestion) =	**460 mg/kg**
C_{sat} (Soil Outdoor Inhalation) =	**460 mg/kg**

TOTAL XYLENES

REMEDIATION OBJECTIVE FOR SOIL COMPONENT OF THE GROUNDWATER INGESTION EXPOSURE ROUTE
Qik-N-EZ - North Peoria Road
Total Xylenes

Equations S17, S18 & S19

Remediation Objective (S17) SRO = (milligrams per kilogram, mg/kg) $$SRO = C_w \cdot \left[K_d + \frac{(\theta_w + \theta_a \cdot H')}{\rho_b}\right]$$

Target Soil Leachate Concentration (S18) = (milligrams per liter, mg/L) $$C_w = DF \cdot GW_{obj}$$

Soil Water Partition Coeffiecient (S19) = (unitless) $$K_d = K_{oc} \cdot f_{oc}$$

Dilution Factor DF = 20

MODEL PARAMETERS INPUT:

Symbol	Unit	Parameter	Values
GW_{obj}	mg/l	IEPA TACO Tier 1 Ground Water Remediation Objective Class I / Class II Total Xylenes 10.0 / 10.0	10.0
θ_w	Unitless	Water Filled Soil Porosity	0.27
θ_a	Unitless	Air Filled Soil Porosity	0.15
K_{oc}	l/kg	Organic Carbon Partition Coefficient	398.0
f_{oc}	g/g	Organic Carbon Content in soil	0.00998
H'	Unitless	Henry's Law Constant	0.271
ρ_b	kg/l	Dry Soil Bulk Density	1.50901

MODEL CALCULATED OUTPUTS:

C_w =	200
K_d =	3.97204

REFERENCE FOR INPUT PARAMETERS

	θ_w	θ_a	ρ_b	f_{oc}
Surface (<1m)	0.15	0.28	1.5	0.006
Subsurface (>1m)	0.30	0.13		0.002
Gravel	0.20	0.05	2.0	
Sand	0.18	0.14	1.8	
Silt	0.16	0.24	1.6	
Clay	0.17	0.19	1.7	
	or Site-Specific via S20	*or Site-Specific via S21*	*or Site-Specific*	*or Site-Specific*

Calculated Equation S17 Soil Remediation Objective:

Soil Remediation Objective = 835.58069 mg/kg

Equations S28 & S18

Remediation Objective (S28) SRO = (milligrams per kilogram, mg/kg) $$SRO = \frac{C_w \cdot I_{M-L} \cdot ED_{M-L}}{\rho_b \cdot d_s}$$

Target Soil Leachate Concentration (S18) = (milligrams per liter, mg/L) $$C_w = DF \cdot GW_{obj}$$

Dilution Factor DF = 20

MODEL PARAMETERS INPUT:

Symbol	Unit	Parameter	Values
I_{M-L}	m/yr	Infiltration Rate for Eq S28	0.18
I	m/yr	Infiltration Rate	0.3
GW_{obj}	mg/L	IEPA TACO Tier 1 Ground Water Remdediation Objective Class I / Class II Total Xylenes 10.0 / 10.0	10.0
d_s	m	Depth of Source	2.7432
ED_{M-L}	year	Exposure Duration for Eq S28	70
ρ_b	kg/L	Dry Soil Bulk Density	1.50901

MODEL CALCULATED OUTPUTS:

C_w =	200

REFERENCE FOR INPUT PARAMETERS

	ρ_b
Surface (<1m)	1.5
Subsurface (>1m)	
Gravel	2.0
Sand	1.8
Silt	1.6
Clay	1.7
	or Site-Specific

Calculated Equation S28 Soil Remediation Objective:

Soil Remediation Objective = 608.76679 mg/kg

Largest SRO value between Equations S17 and S28:

Soil Remediation Objective = 835.58069 mg/kg

Soil Saturation Limit Exceedence Check (value of SRO will change if soil saturation limit is exceeded for chemical):

Soil Remediation Objective = 460.0 mg/kg

Tier 1 SRO Non-Exceedence Check (value of SRO will change if Tier 1 SRO is not exceeded for chemical):

Soil Remediation Objective = 460.0 mg/kg

Final Tier 2 Soil Remediation Objective

460 milligrams per kilogram (mg/kg)

460,000 micrograms per kilogram (ug/kg)

EQUATIONS S4 AND S5 FOR INHALATION OF VOLATILE CONTAMINANTS IN SOIL (NONCARCINOGENS)

Qik-N-EZ - North Peoria Road
Springfield, Illinois

Residential & Industrial/Commercial Remediation Objectives for Noncarcinogenic Contaminants (mg/kg)

$$\frac{THQ \bullet AT \bullet 365 \frac{d}{yr}}{EF \bullet ED \bullet \left(\frac{1}{RfC} \bullet \frac{1}{VF}\right)}$$

Construction Worker Remediation Objectives for Noncarcinogenic Contaminants (mg/kg)

$$\frac{THQ \bullet AT \bullet 365 \frac{d}{yr}}{EF \bullet ED \bullet \left(\frac{1}{RfC} \bullet \frac{1}{VF'}\right)}$$

S26 - Mass-Limit Volatilization Factor for the Inhalation Exposure Route - Residential & Industrial/Commercial (m^3/kg)

$$VF_{M-L} = \frac{Q}{C} \bullet \frac{\left[T \bullet \left(3.15 \bullet 10^{7} \frac{s}{yr}\right)\right]}{\rho_b \bullet d_s \bullet 10^{6} \frac{cm^3}{m^3}}$$

S27 - Mass-Limit Volatilization Factor for the Inhalation Exposure Route - Construction Worker (m^3/kg)

$$VF'_{M-L} = \frac{VF_{M-L}}{10}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
AT	AVERAGING TIME FOR NONCARCINOGENS	YEAR	RESIDENTIAL 30 INDUS/COMM. 25 CONST WRKR 0.115
ED	EXPOSURE DURATION FOR INHALATION OF NONCARCINOGENS	YEAR	RESIDENTIAL 30 INDUS/COMM. 25 CONST WRKR 1
EF	EXPOSURE FREQUENCY	D/YR	RESIDENTIAL 350 INDUS/COMM. 250 CONST WRKR 30
RfC	INHALATION REFERENCE CONCENTRATION	MG/M³	RESIDENTIAL 0.1 INDUS/COMM. 0.1 CONST WRKR 0.4
THQ	TARGET HAZARD QUOTIENT	UNITLESS	1
VF_{M-L}	VOLATILIZATION FACTOR	M³/KG	REFER TO EQ. S26& S27 WITHIN TACO

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
d_s	DEPTH OF SOURCE	m	SITE SPECIFIC
ρ_b	DRY BULK DENSITY	kg/L	1.5, OR GRAVEL=2.0 SAND=1.8 SILT=1.6 CLAY=1.7, OR SITE SPECIFIC
Q/C	INVERSE OF THE MEAN CONCENTRATION AT THE CENTER OF A SQUARE SOURCE	$(g/m^2\text{-}s)/(kg/m^3)$	RESIDENTIAL 68.81 INDUS/COMM. 85.81 CONST WRKR 85.81 OR 742.Appendix C, Table H: Q/C by Source Area
T	EXPOSURE INTERVAL	yr	RESIDENTIAL 30 INDUS/COMM. 25 CONST WRKR 1

INPUT PARAMETERS FOR VF: RESIDENTIAL & INDUST/COMMER PROPERTIES

Source Area	1	Acre
ds=	2.7432	m
ρb=	1.50901	kg/L
Q/C=	85.81	$(g/m^2\text{-}s)/(kg/m^3)$ (Residential)
Q/C=	85.81	$(g/m^2\text{-}s)/(kg/m^3)$ (Industrial/Commercial)
T_{M-L} =	30	yr (Residential)
T_{M-L} =	25	yr (Industrial/Commercial)
VF_{M-L}=	19,589.35	m^3/kg (Residential)
VF_{M-L}=	16,324.46	m^3/kg (Industrial/Commercial)

INPUT PARAMETERS FOR VF': CONSTRUCTION WORKER

Source Area	1	Acre
ds=	2.7432	m
ρb=	1.50901	kg/L
Q/C=	85.81	$(g/m^2\text{-}s)/(kg/m^3)$
T_{M-L} =	1	yr
VF'_{M-L}=	65.30	m^3/kg

INPUT PARAMETER VALUES: RESIDENTIAL & INDUST/COMMER PROPERTIES

AT=	30	year (Residential)
AT=	25	year (Industrial/Commercial)
ED=	30	year (Residential)
ED=	25	year (Industrial/Commercial)
EF=	350	d/yr (Residential)
EF=	250	d/yr (Industrial/Commercial)
RfC=	0.1	mg/m^3
THQ	1	unitless
VF_{M-L}=	19,589.35	m^3/kg (Residential)
VF_{M-L}=	16,324.46	m^3/kg (Industrial/Commercial)

INPUT PARAMETER VALUES: CONSTRUCTION WORKERS

AT=	0.115	year
ED=	1	year
EF=	30	d/yr
RfC=	0.4	mg/m^3
THQ	1	unitless
VF'_{M-L}=	65.30	m^3/kg

Residential Inhalation Remediation Objective (S4) =	**2,042.89 mg/kg**

Industrial/Commercial Inhalation Remediation Objective (S4) =	**2,383.37 mg/kg**

Construction Worker Inhalation Remediation Objective (S5) =	**36.55 mg/kg**

Soil Saturation Limit Exceedence Check (value of SRO will change if soil saturation limit is exceeded for chemical):

Soil Remediation Objective (Residential Inhalation) =	**460 mg/kg**	**460,000 µg/kg**
Soil Remediation Objective (Industrial/Commercial Inhalation) =	**460 mg/kg**	**460,000 µg/kg**
Soil Remediation Objective (Construction Worker Inhalation) =	**36.5 mg/kg**	**36,500 µg/kg**

Tier 1 Soil Remediation Objective Check (value of SRO will default to Tier 1 if calculated Tier 2 SRO is more stringent for chemical):

Soil Remediation Objective (Residential Inhalation) =	**460 mg/kg**	**460,000 µg/kg**
Soil Remediation Objective (Industrial/Commercial Inhalation) =	**460 mg/kg**	**460,000 µg/kg**
Soil Remediation Objective (Construction Worker Inhalation) =	**37 mg/kg**	**37,000 µg/kg**
	Parts-Per-Million	*Parts-Per-Billion*

TOTAL XYLENES

EQUATION S10 FOR DERIVATION OF APPARENT DIFFUSIVITY (D_A)

Qik-N-EZ - North Peoria Road

Springfield, Illinois

S10 - Equation for Derivation of Apparent Diffusivity, D_A (cm^2/s)

$$D_A = \frac{\left(\theta_a^{3.33} \cdot D_i \cdot H'\right) + \left(\theta_w^{3.33} \cdot D_w\right)}{\eta^2} \cdot \frac{1}{\left(\rho_b \cdot K_d\right) + \theta_w + \left(\theta_a \cdot H'\right)}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
θ_a	Air-Filled Soil Porosity	L_{air}/L_{soil}	Gravel = 0.05 Sand = 0.14 Silt - 0.24 Clay = 0.19, or Calculated Value
θ_w	Water-Filled Soil Porosity	L_{water}/L_{soil}	Gravel = 0.20 Sand = 0.18 Silt = 0.16 Clay = 0.17, or Calculated Value
D_i	Diffusivity in Air	cm^2/s	Chemical-Specific Total Xylenes = 0.0735
D_w	Diffusivity in Water	cm^2/s	Chemical-Specific Total Xylenes = 0.00000923
H'	Henry's Law Constant	unitless	Chemical-Specific Total Xylenes = 0.271
η	Total Soil Porosity	L_{pore}/L_{soil}	Calculated Value Equation S24 in TACO
ρ_b	Dry Soil Bulk Density	g/cm^3	Site-Specific Value
K_d	Soil-Water Partition Coefficient	cm^3/g	Calculated Value Equation S19 in TACO

S24 - Total Soil Porosity (L_{pore}/L_{soil})

$$\eta = 1 - \frac{\rho_b}{\rho_s}$$

S19 - Soil Water Partition Coefficient (cm^3/g)

$$K_d = K_{oc} \cdot f_{oc}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
ρ_b	Dry Soil Bulk Density	g/cm^3	Site-Specific Value
ρ_s	Soil Particle Density	g/cm^3	Site-Specific Value
K_{oc}	Organic Carbon Partition Coefficient	cm^3/g	Chemical-Specific Total Xylenes = 398
f_{oc}	Organic Carbon Content of Soil	g/g	Site-Specific Value

INPUT PARAMETERS FOR η

ρ_b=	1.50901 g/cm^3
ρ_s=	2.599 g/cm^3
η=	0.42 L_{pore}/L_{soil}

INPUT PARAMTERS FOR K_d

K_{oc}=	398 cm^3/g
f_{oc}=	0.00998 g/g
K_d=	3.9720 cm^3/g

INPUT PARAMETER VALUES FOR DERIVATION OF APPARENT DIFFUSIVITY, D_A (cm^2/s)

θ_a=	0.15 L_{air}/L_{soil}
θ_w=	0.27 L_{water}/L_{soil}
D_i=	0.0735 cm^2/s
D_w=	0.00000923 cm^2/s
H'=	0.271
η=	0.42 g/cm^3
ρ_b=	1.50901 g/cm^3
K_d=	3.9720 m^3/kg

D_A= 3.24E-05 cm^2/s

TOTAL XYLENES

EQUATIONS S4 AND S5 FOR INHALATION OF VOLATILE CONTAMINANTS IN SOIL (NONCARCINOGENS)

Qik-N-EZ - North Peoria Road
Springfield, Illinois

Residential, Industrial/Commercial Remediation Objectives for Noncarcinogenic Contaminants (mg/kg)

$$\frac{THQ \cdot AT \cdot 365\frac{d}{yr}}{EF \cdot ED \cdot \left(\frac{1}{RfC} \cdot \frac{1}{VF}\right)}$$

Construction Worker Remediation Objectives for Noncarcinogenic Contaminants (mg/kg)

$$\frac{THQ \cdot AT \cdot 365\frac{d}{yr}}{EF \cdot ED \cdot \left(\frac{1}{RfC} \cdot \frac{1}{VF'}\right)}$$

S8- Volatilization Factor for the Inhalation Exposure Route - Residential, Industrial/Commercial (m^3/kg)

$$VF = \frac{Q}{C} \cdot \frac{(3.14 \cdot D_A \cdot T)^{1/2}}{2 \cdot \rho_b \cdot D_A} \cdot 10^{-4}$$

S9 - Volatilization Factor for the Inhalation Exposure Route - Construction Worker (m^3/kg)

$$VF' = \frac{VF}{10}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
AT	AVERAGING TIME FOR NONCARCINOGENS	year	RESIDENTIAL 30 INDUS/COMM. 25 CONST WRKR 0.115
ED	EXPOSURE DURATION FOR INHALATION OF NONCARCINOGENS	year	RESIDENTIAL 30 INDUS/COMM. 25 CONST WRKR 1
EF	EXPOSURE FREQUENCY	d/yr	RESIDENTIAL 350 INDUS/COMM. 250 CONST WRKR 30
RfC	INHALATION REFERENCE CONCENTRATION	mg/m³	RESIDENTIAL 0.1 INDUS/COMM. 0.1 CONST WRKR 0.4
THQ	TARGET HAZARD QUOTIENT	unitless	1
VF	VOLATILIZATION FACTOR	m³/kg	REFER TO EQ. S8& S9 WITHIN TACO

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
D_A	APPARENT DIFFUSIVITY	cm²/s	CALCULATED VALUE
ρ_b	DRY BULK DENSITY	g/cm³	1.5, OR GRAVEL=2.0 SAND=1.8 SILT=1.6 CLAY=1.7, OR SITE SPECIFIC
Q/C	INVERSE OF THE MEAN CONCENTRATION AT THE CENTER OF A SQUARE SOURCE	(g/m²-s)/(kg/m³)	RESIDENTIAL 68.81 INDUS/COMM. 85.81 CONST WRKR 85.81 OR 742.Appendix C, Table H: Q/C by Source Area
T	EXPOSURE INTERVAL	s	RESIDENTIAL $9.5*10^8$ INDUS/COMM. $7.9*10^8$ CONST WRKR $3.6*10^6$

INPUT PARAMETERS FOR VF: RESIDENTIAL & INDUST/COMMER PROPERTIES

Source Area	1	Acre
D_A=	3.24E-05	cm²/s
ρb=	1.50901	g/cm³
Q/C=	68.81	(g/m²-s)/(kg/m³) (Residential)
Q/C=	85.81	(g/m²-s)/(kg/m³) (Industrial/Commercial)
T =	9.5E+08	s (Residential)
T =	7.9E+08	s (Industrial / Commercial)
VF=	21,867.50	m³/kg (Residential)
VF=	24,867.79	m³/kg (Industrial/Commercial)

INPUT PARAMETERS FOR VF': CONSTRUCTION WORKER

Source Area	1	Acre
D_A=	3.24E-05	cm²/s
ρb=	1.50901	g/cm³
Q/C=	85.81	(g/m²-s)/(kg/m³)
T=	3.6E+06	s
VF'=	167.87	m³/kg

INPUT PARAMETER VALUES: RESIDENTIAL & INDUST/COMMER PROPERTIES

AT=	30	year (Residential)
AT=	25	year (Industrial/Commercial)
ED=	30	year (Residential)
ED=	25	year (Industrial/Commercial)
EF=	350	d/yr (Residential)
EF=	250	d/yr (Industrial/Commercial)
RfC=	0.1	mg/m³
THQ	1	unitless
VF=	21,867.50	m³/kg (Residential)
VF=	24,867.79	m³/kg (Industrial/Commercial)

INPUT PARAMETER VALUES: CONSTRUCTION WORKERS

AT=	0.115	year
ED=	1	year
EF=	30	d/yr
RfC=	0.4	mg/m³
THQ	1	unitless
VF'=	167.87	m³/kg

Residential Inhalation Remediation Objective (S4) =	**2280.47 mg/kg**
Industrial/Commercial Inhalation Remediation Objective (S4) =	**3630.70 mg/kg**

Construction Worker Inhalation Remediation Objective (S5) =	**93.95 mg/kg**

Soil Saturation Limit Exceedence Check (value of SRO will change if soil saturation limit is exceeded for chemical):

Soil Remediation Objective (Residential Inhalation) =	**460 mg/kg**	**460,000 µg/kg**
Soil Remediation Objective (Industrial/Commercial Inhalation) =	**460 mg/kg**	**460,000 µg/kg**
Soil Remediation Objective (Construction Worker Inhalation) =	**94 mg/kg**	**94,000 µg/kg**

Tier 1 Soil Remediation Objective Check (value of SRO will default to Tier 1 if calculated Tier 2 SRO is more stringent for chemical):

Soil Remediation Objective (Residential Inhalation) =	**460 mg/kg**	**460,000 µg/kg**
Soil Remediation Objective (Industrial/Commercial Inhalation) =	**460 mg/kg**	**460,000 µg/kg**
Soil Remediation Objective (Construction Worker Inhalation) =	**94 mg/kg**	**94,000 µg/kg**
	Parts-Per-Million	*Parts-Per-Billion*

TOTAL XYLENES

Illinois Environmental Protection Agency

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Leaking Underground Storage Tank Program
SSL Input Parameters for Use with Tier 2 Calculations

A. Site Identification

IEMA Incident # (6- or 8-digit): 942157...20201063 IEPA LPC # (10-digit): 1671205520

Site Name: Qik-N-EZ

Site Address (not a P.O. Box): 2800 North Peoria Road

City: Springfield County: Sangamon Zip Code: 62702

Leaking UST Technical File

B. Tier 2 Calculation Information

Equation(s) Used (ex: S12, S17, S28): MTBE: S17, S18

Contact Information for Individual Who Performed Calculations:

Shawn D. Wolfe, Senior Project Manager
Green Wave Consulting, LLC (217) 726-7569

Land Use: Not Applicable USDA Soil Type: Silt Loam

Groundwater: ◉Class I ○Class II

Mass Limit: ◉Yes ○No If Yes, then specify acreage: ○0.5 ◉1 ○2 ○5 ○10 ○30

- Mass Limit Acreage other than defaults must always be rounded up.
- Failure to use site-specific parameters where allowed could affect payment from the Underground Storage Tank Fund.
- Maps depicting source width, plume dimensions, distance, etc. must also be submitted.
- Inputs must be submitted in the designated unit.

Symbol			Units
AT (ingestion)	=		yr
AT (inhalation)	=		yr
AT_c	=	70	yr
BW	=		kg
C_{soil}	=		mg/kg
C_w	=	1.4	mg/L
d	=		m

Symbol			Units
d_a	=		m
d_s	=	2.7432	m
D_A	=		cm^2/s
D_i	=		cm^2/s
D_w	=		cm^2/s
DF	=	20	unitless
ED (ingestion of carcinogens)	=		yr

The Agency is authorized to require this information under Section 4 and Title XVI of the Environmental Protection Act (415 ILCS 5/4, 5/57 – 57.17). Failure to disclose this information may result in a civil penalty of not to exceed $50,000.00 for the violation and an additional civil penalty of not to exceed $10,000.00 for each day during which the violation continues (415 ILCS 5/42). Any person who knowingly makes a false material statement or representation, orally or in writing, in any label, manifest, record, report, permit, or license, or other document filed, maintained or used for the purpose of compliance with Title XVI commits a Class 4 felony. Any second or subsequent offense after conviction hereunder is a Class 3 felony (415 ILCS 5/44 and 57.17).

[redacted] Symbol [redacted]			Units
ED (inhalation of carcinogens)	=		yr
ED (ingestion of noncarcinogens)	=		yr
ED (inhalation of noncarcinogens)	=		yr
ED (ingestion of groundwater)	=		yr
ED_{M-L}	=	70	yr
EF	=		d/yr
F(x)	=	0.194	unitless
f_{oc}	=	0.00998	g/g
GW_{obj}	=	0.07	mg/L
H'	=	0.0242	unitless
i	=		m/m
I	=	0.3	m/yr
I_{M-L}	=	0.18	m/yr
$IF_{soil-adj}$	=	114	(mg-yr)/(kg-d)
IR_{soil}	=		mg/d
IR_w	=		L/d
K	=		m/yr
K_d (non-ionizing organics)	=		cm^3/g or L/kg
K_d (ionizing organics)	=	0.0998	cm^3/g or L/kg
K_d (inorganics)	=		cm^3/g or L/kg

Symbol			Units
K_{oc}	=	10.0	cm^3/g or L/kg
K_s	=	120	m/yr
L	=		m
PEF	=		m^3/kg
PEF'	=		m^3/kg
Q/C (VF equations)	=	Mass Limit / Inf. Source	$(g/m^2\text{-}s)/(kg/m^3)$
Q/C (PEF equations)	=		$(g/m^2\text{-}s)/(kg/m^3)$
RfC	=		mg/m^3
RfD_o	=		mg/(kg-d)
S	=		mg/L
SF_o	=		$(mg/kg\text{-}d)^{-1}$
T	=		s
T_{M-L}	=		yr
THQ	=	1	unitless
TR	=	1.0E-06	unitless
U_m	=	4.69	m/s
URF	=		$(\mu g/m^3)^{-1}$
U_t	=	11.32	m/s
V	=		unitless
VF	=		m^3/kg

Incident #: 942157...20201063 Chemical: MTBE Land Use: Not Applicable

Symbol			Units
VF'	=		m^3/kg
VF_{M-L}	=		m^3/kg
VF'_{M-L}	=		m^3/kg
η	=	0.42	L_{pore}/L_{soil}
θ_a	=	0.15	L_{air}/L_{soil}

Symbol			Units
θ_w	=	0.27	L_{water}/L_{soil}
ρ_b	=	1.50901	kg/L or g/cm^3
ρ_s	=	2.599	g/cm^3
ρ_w	=	1	g/cm^3
1/(2b+3)	=	0.074	unitless

Equation			Units
S1	=		mg/kg
S2	=		mg/kg
S3	=		mg/kg
S4	=	Mass Limit Inf. Source	mg/kg
S5	=	Mass Limit Inf. Source	mg/kg
S6	=	Mass Limit Inf. Source	mg/kg
S7	=	Mass Limit Inf. Source	mg/kg
S17	=	0.40	mg/kg
S28	=	4.3	mg/kg
S29	=		mg/kg

REMEDIATION OBJECTIVE FOR SOIL COMPONENT OF THE GROUNDWATER INGESTION EXPOSURE ROUTE
Qik-N-EZ - North Peoria Road
MTBE

Equations S17, S18 & S19

Remediation Objective (S17) SRO = (milligrams per kilogram, mg/kg)

$$SRO = C_w \cdot \left[K_d + \frac{(\theta_w + \theta_a \cdot H')}{\rho_b}\right]$$

Target Soil Leachate Concentration (S18) = (milligrams per liter, mg/L)

$$C_w = DF \cdot GW_{obj}$$

Soil Water Partition Coeffiecient (S19) = (unitless)

$$K_d = K_{oc} \cdot f_{oc}$$

Dilution Factor DF = 20

MODEL PARAMETERS INPUT:

Symbol	Unit	Parameter			Values
GW_{obj}	mg/l	IEPA TACO Tier 1 Ground Water Remediation Objective	Class I	Class II	0.07
		MTBE	0.07	0.07	
θ_w	Unitless	Water Filled Soil Porosity			0.27
θ_a	Unitless	Air Filled Soil Porosity			0.15
K_{oc}	l/kg	Organic Carbon Partition Coefficient			10.0
f_{oc}	g/g	Organic Carbon Content in soil			0.00998
H'	Unitless	Henry's Law Constant			0.0242
ρ_b	kg/l	Dry Soil Bulk Density			1.50901

MODEL CALCULATED OUTPUTS:

C_w =	1.4
K_d =	0.0998

REFERENCE FOR INPUT PARAMETERS

	θ_w	θ_a	ρ_b	f_{oc}
Surface (<1m)	0.15	0.28	1.5	0.006
Subsurface (>1m)	0.30	0.13		0.002
Gravel	0.20	0.05	2.0	
Sand	0.18	0.14	1.8	
Silt	0.16	0.24	1.6	
Clay	0.17	0.19	1.7	
	or Site-Specific via S20	*or Site-Specific via S21*	*or Site-Specific*	*or Site-Specific*

Calculated Equation S17 Soil Remediation Objective:

Soil Remediation Objective = 0.39358 mg/kg

Equations S28 & S18

Remediation Objective (S28) SRO = (milligrams per kilogram, mg/kg)

$$SRO = \frac{C_w \cdot I_{M-L} \cdot ED_{M-L}}{\rho_b \cdot d_s}$$

Target Soil Leachate Concentration (S18) = (milligrams per liter, mg/L)

$$C_w = DF \cdot GW_{obj}$$

Dilution Factor DF = 20

MODEL PARAMETERS INPUT:

Symbol	Unit	Parameter			Values
I_{M-L}	m/yr	Infiltration Rate for Eq S28			0.18
I	m/yr	Infiltration Rate			0.3
GW_{obj}	mg/L	IEPA TACO Tier 1 Ground Water Remdediation Objective	Class I	Class II	0.07
		MTBE	0.07	0.07	
d_s	m	Depth of Source			2.7432
ED_{M-L}	year	Exposure Duration for Eq S28			70
ρ_b	kg/L	Dry Soil Bulk Density			1.50901

MODEL CALCULATED OUTPUTS:

C_w =	1.4

REFERENCE FOR INPUT PARAMETERS

	ρb
Surface (<1m)	1.5
Subsurface (>1m)	
Gravel	2.0
Sand	1.8
Silt	1.6
Clay	1.7
	or Site-Specific

Calculated Equation S28 Soil Remediation Objective:

Soil Remediation Objective = 4.26137 mg/kg

Largest SRO value between Equations S17 and S28:

Soil Remediation Objective = 4.26137 mg/kg

Soil Saturation Limit Exceedence Check (value of SRO will change if soil saturation limit is exceeded for chemical):

Soil Remediation Objective = 4.26 mg/kg

Tier 1 SRO Non-Exceedence Check (value of SRO will change if Tier 1 SRO is not exceeded for chemical):

Soil Remediation Objective = 4.26 mg/kg

Final Tier 2 Soil Remediation Objective

4.3 milligrams per kilogram (mg/kg)

4,300 micrograms per kilogram (ug/kg)

Illinois Environmental Protection Agency

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Leaking Underground Storage Tank Program
SSL Input Parameters for Use with Tier 2 Calculations

A. Site Identification

IEMA Incident # (6- or 8-digit): 942157...20201063 IEPA LPC # (10-digit): 1671205520

Site Name: Qik-N-EZ

Site Address (not a P.O. Box): 2800 North Peoria Road

City: Springfield County: Sangamon Zip Code: 62702

Leaking UST Technical File

B. Tier 2 Calculation Information

Equation(s) Used (ex: S12, S17, S28): Naphthalene: S5

Contact Information for Individual Who Performed Calculations:

Shawn D. Wolfe, Senior Project Manager
Green Wave Consulting, LLC (217) 726-7569

Land Use: Construction Worker USDA Soil Type: Silt Loam

Groundwater: ◉ Class I ○ Class II

Mass Limit: ◉ Yes ○ No If Yes, then specify acreage: ○ 0.5 ◉ 1 ○ 2 ○ 5 ○ 10 ○ 30

- Mass Limit Acreage other than defaults must always be rounded up.
- Failure to use site-specific parameters where allowed could affect payment from the Underground Storage Tank Fund.
- Maps depicting source width, plume dimensions, distance, etc. must also be submitted.
- Inputs must be submitted in the designated unit.

Symbol			Units
AT (ingestion)	=		yr
AT (inhalation)	=	0.115	yr
AT_c	=	70	yr
BW	=		kg
C_{sat}	=		mg/kg
C_w	=	200	mg/L
d	=		m

Symbol			Units
d_a	=		m
d_e	=	2.7432	m
D_A	=	0.00000159	cm^2/s
D_i	=	0.0590	cm^2/s
D_w	=	0.00000750	cm^2/s
DF	=	20	unitless
ED (ingestion of carcinogens)	=		yr

The Agency is authorized to require this information under Section 4 and Title XVI of the Environmental Protection Act (415 ILCS 5/4, 5/57 – 57.17). Failure to disclose this information may result in a civil penalty of not to exceed $50,000.00 for the violation and an additional civil penalty of not to exceed $10,000.00 for each day during which the violation continues (415 ILCS 5/42). Any person who knowingly makes a false material statement or representation, orally or in writing, in any label, manifest, record, report, permit, or license, or other document filed, maintained or used for the purpose of compliance with Title XVI commits a Class 4 felony. Any second or subsequent offense after conviction hereunder is a Class 3 felony (415 ILCS 5/44 and 57.17).

Symbol			Units
ED (inhalation of carcinogens)	=		yr
ED (ingestion of noncarcinogens)	=		yr
ED (inhalation of noncarcinogens)	=	1	yr
ED (ingestion of groundwater)	=		yr
ED_{M-L}	=	70	yr
EF	=	30	d/yr
F(x)	=	0.194	unitless
f_{oc}	=	0.00998	g/g
GW_{obj}	=	10	mg/L
H'	=	0.271	unitless
i	=		m/m
I	=	0.3	m/yr
I_{M-L}	=	0.18	m/yr
$IF_{soil-adj}$	=	114	(mg-yr)/(kg-d)
IR_{soil}	=		mg/d
IR_w	=		L/d
K	=		m/yr
K_d (non-ionizing organics)	=		cm^3/g or L/kg
K_d (ionizing organics)	=	4.99	cm^3/g or L/kg
K_d (inorganics)	=		cm^3/g or L/kg

Symbol			Units
K_{oc}	=	500	cm^3/g or L/kg
K_s	=	120	m/yr
L	=		m
PEF	=		m^3/kg
PEF'	=		m^3/kg
Q/C (VF equations)	=	85.81 Mass Limit 85.81 Inf. Source	$(g/m^2\text{-}s)/(kg/m^3)$
Q/C (PEF equations)	=		$(g/m^2\text{-}s)/(kg/m^3)$
RfC	=	0.003	mg/m^3
RfD_o	=		mg/(kg-d)
S	=		mg/L
SF_o	=		$(mg/kg\text{-}d)^{-1}$
T	=	3,600,000	s
T_{M-L}	=	1	yr
THQ	=	1	unitless
TR	=	1.0E-06	unitless
U_m	=	4.69	m/s
URF	=		$(\mu g/m^3)^{-1}$
U_t	=	11.32	m/s
V	=		unitless
VF	=		m^3/kg

Incident #: 942157...20201063 Chemical: Naphthalene Land Use: Construction Worker

Symbol			Units
VF'	=	757.28	m^3/kg
VF_{M-L}	=		m^3/kg
VF'_{M-L}	=	65.30	m^3/kg
η	=	0.42	L_{pore}/L_{soil}
θ_a	=	0.15	L_{air}/L_{soil}

Symbol			Units
θ_w	=	0.27	L_{water}/L_{soil}
ρ_b	=	1.50901	kg/L or g/cm^3
ρ_s	=	2.599	g/cm^3
ρ_w	=	1	g/cm^3
1/(2b+3)	=	0.074	unitless

Equation				Units
S1	=			mg/kg
S2	=			mg/kg
S3	=			mg/kg
S4	=		Mass Limit Inf. Source	mg/kg
S5	=	1.8 * 3.2	Mass Limit Inf. Source	mg/kg
S6	=		Mass Limit Inf. Source	mg/kg
S7	=		Mass Limit Inf. Source	mg/kg
S17	=			mg/kg
S28	=			mg/kg
S29	=			mg/kg

* Tier 2 < T1: default to T1

EQUATIONS S4 AND S5 FOR INHALATION OF VOLATILE CONTAMINANTS IN SOIL (NONCARCINOGENS)

Qik-N-EZ - North Peoria Road
Springfield, Illinois

Residential & Industrial/Commercial Remediation Objectives for Noncarcinogenic Contaminants (mg/kg)

$$\frac{THQ \bullet AT \bullet 365 \frac{d}{yr}}{EF \bullet ED \bullet \left(\frac{1}{RfC} \bullet \frac{1}{VF}\right)}$$

Construction Worker Remediation Objectives for Noncarcinogenic Contaminants (mg/kg)

$$\frac{THQ \bullet AT \bullet 365 \frac{d}{yr}}{EF \bullet ED \bullet \left(\frac{1}{RfC} \bullet \frac{1}{VF'}\right)}$$

S26 - Mass-Limit Volatilization Factor for the Inhalation Exposure Route - Residential & Industrial/Commercial (m^3/kg)

$$VF_{M-L} = \frac{Q}{C} \bullet \frac{\left[T \bullet \left(3.15 \bullet 10^{7} \frac{s}{yr}\right)\right]}{\rho_b \bullet d_s \bullet 10^{6} \frac{cm^3}{m^3}}$$

S27 - Mass-Limit Volatilization Factor for the Inhalation Exposure Route - Construction Worker (m^3/kg)

$$VF'_{M-L} = \frac{VF_{M-L}}{10}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
AT	AVERAGING TIME FOR NONCARCINOGENS	YEAR	RESIDENTIAL 30 INDUS/COMM. 25 CONST WRKR 0.115
ED	EXPOSURE DURATION FOR INHALATION OF NONCARCINOGENS	YEAR	RESIDENTIAL 30 INDUS/COMM. 25 CONST WRKR 1
EF	EXPOSURE FREQUENCY	D/YR	RESIDENTIAL 350 INDUS/COMM. 250 CONST WRKR 30
RfC	INHALATION REFERENCE CONCENTRATION	MG/M³	RESIDENTIAL 0.003 INDUS/COMM. 0.003 CONST WRKR 0.003
THQ	TARGET HAZARD QUOTIENT	UNITLESS	1
VF_{M-L}	VOLATILIZATION FACTOR	M³/KG	REFER TO EQ. S27& S28 WITHIN TACO

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
d_s	DEPTH OF SOURCE	m	SITE SPECIFIC
ρ_b	DRY BULK DENSITY	kg/L	1.5, OR GRAVEL=2.0 SAND=1.8 SILT=1.6 CLAY=1.7, OR SITE SPECIFIC
Q/C	INVERSE OF THE MEAN CONCENTRATION AT THE CENTER OF A SQUARE SOURCE	$(g/m^2\text{-}s)/(kg/m^3)$	RESIDENTIAL 68.81 INDUS/COMM. 85.81 CONST WRKR 85.81 OR 742.Appendix C, Table H: Q/C by Source Area
T	EXPOSURE INTERVAL	yr	RESIDENTIAL 30 INDUS/COMM. 25 CONST WRKR 1

INPUT PARAMETERS FOR VF: RESIDENTIAL & INDUST/COMMER PROPERTIES

Source Area	1	Acre
ds=	2.7432	m
ρb=	1.50901	kg/L
Q/C=	85.81	$(g/m^2\text{-}s)/(kg/m^3)$ (Residential)
Q/C=	85.81	$(g/m^2\text{-}s)/(kg/m^3)$ (Industrial/Commercial)
T_{M-L} =	30	yr (Residential)
T_{M-L} =	25	yr (Industrial/Commercial)
VF_{M-L}=	19,589.35	m^3/kg (Residential)
VF_{M-L}=	16,324.46	m^3/kg (Industrial/Commercial)

INPUT PARAMETERS FOR VF': CONSTRUCTION WORKER

Source Area	1	Acre
ds=	2.7432	m
ρb=	1.50901	kg/L
Q/C=	85.81	$(g/m^2\text{-}s)/(kg/m^3)$
T_{M-L} =	1	yr
VF'_{M-L}=	65.30	m^3/kg

INPUT PARAMETER VALUES: RESIDENTIAL & INDUST/COMMER PROPERTIES

AT=	30	year (Residential)
AT=	25	year (Industrial/Commercial)
ED=	30	year (Residential)
ED=	25	year (Industrial/Commercial)
EF=	350	d/yr (Residential)
EF=	250	d/yr (Industrial/Commercial)
RfC=	0.003	mg/m^3
THQ	1	unitless
VF_{M-L}=	19,589.35	m^3/kg (Residential)
VF_{M-L}=	16,324.46	m^3/kg (Industrial/Commercial)

INPUT PARAMETER VALUES: CONSTRUCTION WORKERS

AT=	0.115	year
ED=	1	year
EF=	30	d/yr
RfC=	0.003	mg/m^3
THQ	1	unitless
VF_{M-L}=	65.30	m^3/kg

Residential Inhalation Remediation Objective (S4) =	**61.29 mg/kg**

Industrial/Commercial Inhalation Remediation Objective (S4) =	**71.50 mg/kg**

Construction Worker Inhalation Remediation Objective (S5) =	**0.27 mg/kg**

Tier 1 Soil Remediation Objective Check (value of SRO will default to Tier 1 if calculated Tier 2 SRO is more stringent for chemical):

Soil Remediation Objective (Residential Inhalation) =	**170 mg/kg**	**170,000 µg/kg**
Soil Remediation Objective (Industrial/Commercial Inhalation) =	**270 mg/kg**	**270,000 µg/kg**
Soil Remediation Objective (Construction Worker Inhalation) =	**1.8 mg/kg**	**1,800 µg/kg**
	Parts-Per-Million	*Parts-Per-Billion*

NAPHTHALENE

EQUATION S10 FOR DERIVATION OF APPARENT DIFFUSIVITY (D_A)

Qik-N-EZ - North Peoria Road
Springfield, Illinois

S10 - Equation for Derivation of Apparent Diffusivity, D_A (cm^2/s)

$$D_A = \frac{\left(\theta_a^{3.33} \cdot D_i \cdot H'\right) + \left(\theta_w^{3.33} \cdot D_w\right)}{\eta^2} \cdot \frac{1}{\left(\rho_b \cdot K_d\right) + \theta_w + \left(\theta_a \cdot H'\right)}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
θ_a	Air-Filled Soil Porosity	L_{air}/L_{soil}	Gravel = 0.05 Sand = 0.14 Silt - 0.24 Clay = 0.19, or Calculated Value
θ_w	Water-Filled Soil Porosity	L_{water}/L_{soil}	Gravel = 0.20 Sand = 0.18 Silt = 0.16 Clay = 0.17, or Calculated Value
D_i	Diffusivity in Air	cm^2/s	Chemical-Specific Naphthalene = 0.0590
D_w	Diffusivity in Water	cm^2/s	Chemical-Specific Naphthalene = 0.00000750
H'	Henry's Law Constant	unitless	Chemical-Specific Naphthalene = 0.0197
η	Total Soil Porosity	L_{pore}/L_{soil}	Calculated Value Equation S24 in TACO
ρ_b	Dry Soil Bulk Density	g/cm^3	Site-Specific Value
K_d	Soil-Water Partition Coefficient	cm^3/g	Calculated Value Equation S19 in TACO

S24 - Total Soil Porosity (L_{pore}/L_{soil})

$$\eta = 1 - \frac{\rho_b}{\rho_s}$$

S19 - Soil Water Partition Coefficient (cm^3/g)

$$K_d = K_{oc} \cdot f_{oc}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
ρ_b	Dry Soil Bulk Density	g/cm^3	Site-Specific Value
ρ_s	Soil Particle Density	g/cm^3	Site-Specific Value
K_{oc}	Organic Carbon Partition Coefficient	cm^3/g	Chemical-Specific Naphthalene = 500
f_{oc}	Organic Carbon Content of Soil	g/g	Site-Specific Value

INPUT PARAMETERS FOR η

ρ_b=	1.50901 g/cm^3
ρ_s=	2.599 g/cm^3
η=	0.42 L_{pore}/L_{soil}

INPUT PARAMTERS FOR K_d

K_{oc}=	500 cm^3/g
f_{oc}=	0.00998 g/g
K_d=	4.9900 cm^3/g

INPUT PARAMETER VALUES FOR DERIVATION OF APPARENT DIFFUSIVITY, D_A (cm^2/s)

θ_a=	0.15 L_{air}/L_{soil}
θ_w=	0.27 L_{water}/L_{soil}
D_i=	0.0590 cm^2/s
D_w=	0.00000750 cm^2/s
H'=	0.0197
η=	0.42 g/cm^3
ρ_b=	1.50901 g/cm^3
K_d=	4.9900 m^3/kg

D_A= 1.59E-06 cm^2/s

NAPHTHALENE

EQUATIONS S4 AND S5 FOR INHALATION OF VOLATILE CONTAMINANTS IN SOIL (NONCARCINOGENS)

Qik-N-EZ - North Peoria Road
Springfield, Illinois

Residential, Industrial/Commercial Remediation Objectives for Noncarcinogenic Contaminants (mg/kg)

$$\frac{THQ \cdot AT \cdot 365\frac{d}{yr}}{EF \cdot ED \cdot \left(\frac{1}{RfC} \cdot \frac{1}{VF}\right)}$$

Construction Worker Remediation Objectives for Noncarcinogenic Contaminants (mg/kg)

$$\frac{THQ \cdot AT \cdot 365\frac{d}{yr}}{EF \cdot ED \cdot \left(\frac{1}{RfC} \cdot \frac{1}{VF'}\right)}$$

S8- Volatilization Factor for the Inhalation Exposure Route - Residential, Industrial/Commercial (m^3/kg)

$$VF = \frac{Q}{C} \cdot \frac{(3.14 \cdot D_A \cdot T)^{1/2}}{2 \cdot \rho_b \cdot D_A} \cdot 10^{-4}$$

S9 - Volatilization Factor for the Inhalation Exposure Route - Construction Worker (m^3/kg)

$$VF' = \frac{VF}{10}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
AT	AVERAGING TIME FOR NONCARCINOGENS	year	RESIDENTIAL 30 INDUS/COMM. 25 CONST WRKR 0.115
ED	EXPOSURE DURATION FOR INHALATION OF NONCARCINOGENS	year	RESIDENTIAL 30 INDUS/COMM. 25 CONST WRKR 1
EF	EXPOSURE FREQUENCY	d/yr	RESIDENTIAL 350 INDUS/COMM. 250 CONST WRKR 30
RfC	INHALATION REFERENCE CONCENTRATION	mg/m^3	RESIDENTIAL 0.003 INDUS/COMM. 0.003 CONST WRKR 0.003
THQ	TARGET HAZARD QUOTIENT	unitless	1
VF	VOLATILIZATION FACTOR	m^3/kg	REFER TO EQ. S8& S9 WITHIN TACO

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
D_A	APPARENT DIFFUSIVITY	cm^2/s	CALCULATED VALUE
ρ_b	DRY BULK DENSITY	g/cm^3	1.5, OR GRAVEL=2.0 SAND=1.8 SILT=1.6 CLAY=1.7, OR SITE SPECIFIC
Q/C	INVERSE OF THE MEAN CONCENTRATION AT THE CENTER OF A SQUARE SOURCE	$(g/m^2\text{-}s)/(kg/m^3)$	RESIDENTIAL 68.81 INDUS/COMM. 85.81 CONST WRKR 85.81 OR 742.Appendix C, Table H: Q/C by Source Area
T	EXPOSURE INTERVAL	s	RESIDENTIAL $9.5*10^8$ INDUS/COMM. $7.9*10^8$ CONST WRKR $3.6*10^6$

INPUT PARAMETERS FOR VF: RESIDENTIAL & INDUST/COMMER PROPERTIES

Source Area	1 Acre
D_A=	1.59E-06 cm^2/s
ρb=	1.509 g/cm^3
Q/C=	68.81 $(g/m^2\text{-}s)/(kg/m^3)$ (Residential)
Q/C=	85.81 $(g/m^2\text{-}s)/(kg/m^3)$ (Industrial/Commercial)
T =	9.5E+08 s (Residential)
T =	7.9E+08 s (Industrial / Commercial)
VF=	98,646.51 m^3/kg (Residential)
VF=	112,181.13 m^3/kg (Industrial/Commercial)

INPUT PARAMETERS FOR VF': CONSTRUCTION WORKER

Source Area	1 Acre
D_A=	1.59E-06 cm^2/s
ρb=	1.50901 g/cm^3
Q/C=	85.81 $(g/m^2\text{-}s)/(kg/m^3)$
T=	3.6E+06 s
VF=	757.28 m^3/kg

INPUT PARAMETER VALUES: RESIDENTIAL & INDUST/COMMER PROPERTIES

AT=	30 year (Residential)
AT=	25 year (Industrial/Commercial)
ED=	30 year (Residential)
ED=	25 year (Industrial/Commercial)
EF=	350 d/yr (Residential)
EF=	250 d/yr (Industrial/Commercial)
RfC=	0.003 mg/m^3
THQ	1 unitless
VF=	98,646.51 m^3/kg (Residential)
VF=	112,181.13 m^3/kg (Industrial/Commercial)

INPUT PARAMETER VALUES: CONSTRUCTION WORKERS

AT=	0.115 year
ED=	1 year
EF=	30 d/yr
RfC=	0.003 mg/m^3
THQ	1 unitless
VF=	757.28 m^3/kg

Residential Inhalation Remediation Objective (S4) =	**308.62 mg/kg**
Industrial/Commercial Inhalation Remediation Objective (S4) =	**491.35 mg/kg**

Construction Worker Inhalation Remediation Objective (S5) =	**3.18 mg/kg**

Tier 1 Soil Remediation Objective Check (value of SRO will default to Tier 1 if calculated Tier 2 SRO is more stringent for chemical):

Soil Remediation Objective (Residential Inhalation) =	**310 mg/kg**	**310,000 µg/kg**
Soil Remediation Objective (Industrial/Commercial Inhalation) =	**490 mg/kg**	**490,000 µg/kg**
Soil Remediation Objective (Construction Worker Inhalation) =	**3.2 mg/kg**	**3,200 µg/kg**
	Parts-Per-Million	*Parts-Per-Billion*

NAPHTHALENE

Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

Leaking Underground Storage Tank Program
SSL Input Parameters for Use with Tier 2 Calculations

A. Site Identification

IEMA Incident # (6- or 8-digit): 942157...20201063 IEPA LPC # (10-digit): 1671205520

Site Name: Qik-N-EZ

Site Address (not a P.O. Box): 2800 North Peoria Road

City: Springfield County: Sangamon Zip Code: 62702

Leaking UST Technical File

B. Tier 2 Calculation Information

Equation(s) Used (ex: S12, S17, S28): S28/S18: Soil Leaching to Groundwater

Contact Information for Individual Who Performed Calculations:

Shawn D. Wolfe, Senior Project Manager
Green Wave Consulting, LLC (217) 726-7569

Land Use: Not Applicable USDA Soil Type: Not Applicable

Groundwater: ◉ Class I ○ Class II

Mass Limit: ◉ Yes ○ No If Yes, then specify acreage: ○ 0.5 ○ 1 ○ 2 ○ 5 ○ 10 ○ 30

- Mass Limit Acreage other than defaults must always be rounded up.
- Failure to use site-specific parameters where allowed could affect payment from the Underground Storage Tank Fund.
- Maps depicting source width, plume dimensions, distance, etc. must also be submitted.
- Inputs must be submitted in the designated unit.

Symbol			Units
AT (ingestion)	=		yr
AT (inhalation)	=		yr
AT_c	=	70	yr
BW	=		kg
C_{soil}	=		mg/kg
C_w	=	see page 3	mg/L
d	=		m

Symbol			Units
d_a	=		m
d_e	=	2.7432	m
D_A	=		cm^2/s
D_i	=		cm^2/s
D_w	=		cm^2/s
DF	=	20	unitless
ED (ingestion of carcinogens)	=		yr

The Agency is authorized to require this information under Section 4 and Title XVI of the Environmental Protection Act (415 ILCS 5/4, 5/57 – 57.17). Failure to disclose this information may result in a civil penalty of not to exceed $50,000.00 for the violation and an additional civil penalty of not to exceed $10,000.00 for each day during which the violation continues (415 ILCS 5/42). Any person who knowingly makes a false material statement or representation, orally or in writing, in any label, manifest, record, report, permit, or license, or other document filed, maintained or used for the purpose of compliance with Title XVI commits a Class 4 felony. Any second or subsequent offense after conviction hereunder is a Class 3 felony (415 ILCS 5/44 and 57.17).

[redacted] Symbol [redacted]			Units
ED (inhalation of carcinogens)	=		yr
ED (ingestion of noncarcinogens)	=		yr
ED (inhalation of noncarcinogens)	=		yr
ED (ingestion of groundwater)	=		yr
ED_{M-L}	=	70	yr
EF	=		d/yr
F(x)	=	0.194	unitless
f_{oc}	=		g/g
GW_{obj}	=	see page 3	mg/L
H'	=		unitless
i	=		m/m
I	=	0.3	m/yr
I_{M-L}	=	0.18	m/yr
$IF_{soil-adj}$	=	114	(mg-yr)/(kg-d)
IR_{soil}	=		mg/d
IR_w	=		L/d
K	=		m/yr
K_d (non-ionizing organics)	=		cm^3/g or L/kg
K_d (ionizing organics)	=		cm^3/g or L/kg
K_d (inorganics)	=		cm^3/g or L/kg

Symbol			Units
K_{oc}	=		cm^3/g or L/kg
K_s	=		m/yr
L	=		m
PEF	=		m^3/kg
PEF'	=		m^3/kg
Q/C (VF equations)	=		$(g/m^2\text{-}s)/(kg/m^3)$
Q/C (PEF equations)	=		$(g/m^2\text{-}s)/(kg/m^3)$
RfC	=		mg/m^3
RfD_o	=		mg/(kg-d)
S	=		mg/L
SF_o	=		$(mg/kg\text{-}d)^{-1}$
T	=		s
T_{M-L}	=		yr
THQ	=	1	unitless
TR	=	1.0E-06	unitless
U_m	=	4.69	m/s
URF	=		$(\mu g/m^3)^{-1}$
U_t	=	11.32	m/s
V	=		unitless
VF	=		m^3/kg

Incident #: 942157...20201063 Chemical: Benzene Land Use: Not Applicable

Symbol		Units
VF'	=	m^3/kg
VF_{M-L}	=	m^3/kg
VF'_{M-L}	=	m^3/kg
η	=	L_{pore}/L_{soil}
θ_a	=	L_{air}/L_{soil}

Symbol			Units
θ_w	=		L_{water}/L_{soil}
ρ_b	=	1.50901	kg/L or g/cm^3
ρ_s	=		g/cm^3
ρ_w	=	1	g/cm^3
1/(2b+3)	=		unitless

Equation			Units
S1	=		mg/kg
S2	=		mg/kg
S3	=		mg/kg
S4	=		mg/kg
S5	=		mg/kg
S6	=		mg/kg
S7	=		mg/kg
S17	=		mg/kg
S28	=	see below	mg/kg
S29	=		mg/kg

Source Area Concentration Values: (mg/kg)

Benzene: CA-28 (7.5') = 0.649 CA-29 (7.5') = 1.42 CA-40 (7.5') = 0.597	

Target Soil Leachate Concentration (Cw) (mg/L):

Benzene: CA-28 (7.5') = 0.21321794 CA-29 (7.5') = 0.46651691 CA-40 (7.5') = 0.19613422	

Soil to Groundwater Leachate Potential (GWobj): (mg/L)

Benzene: CA-28 (7.5') = 0.011 CA-29 (7.5') = 0.023 CA-40 (7.5') = 0.010		

POTENTIAL DISSOLVED HYDROCARBON CONCENTRATION RESULTING FROM SOIL LEACHING
SSL EQUATIONS S28 & S18

Exposure Pathway:	Soil Component of Groundwater Ingestion
GW Classification:	Class I
Site Name:	Qik-N-EZ - North Peoria Road
Site Location:	Springfield, Illinois
LUST Incident Number(s):	942157, 961540, 991895 & 20201063

SSL Equation S28

Remediation Objective SRO =
(milligrams per kilogram, mg/kg)

$$\frac{(C_w \bullet I_{M-L} \bullet ED_{M-L})}{(\rho_b \bullet d_s)}$$

Bulk Density (ρ_b)=	1.50901	g/cm^3
Depth of Source (d_s) =	2.7432	m
Infiltration Rate (I_{M-L}) =	0.18	m/yr
Exposure Duration (ED_{M-L}) =	70	year
Dilution Factor (DF) =	20	unitless

SSL Equation S18

Target Soil Leachate Concentration C_w =
(milligrams per liter, mg/L)

$$DF \bullet GW_{obj}$$

Sample ID	Sample Depth	Analyte	Soil Concentration (SRO - mg/kg)	Target Soil Leachate Concentration (C_w - mg/L)	Potential Soil Leachate Concentration (GW_{obj} - mg/L)
CA-28	7.5'	Benzene	0.649	0.21321794	**0.011**
CA-29	7.5'	Benzene	1.42	0.46651691	**0.023**
CA-40	7.5'	Benzene	0.597	0.19613422	**0.010**

Hydraulic Gradient and Groundwater Flow Direction Information

Site Name: Qik-N-EZ - Peoria Road
Site Location: Springfield, Illinois

LUST Incident Number(s): 942157, 961540, 991895, & 20201063

Gauging Date	Hydraulic Gradient	GW Flow Direction (degrees clockwise from N)
4/2/1998	0.01614	360.01875
3/9/2001	0.01632	360
11/6/2001	0.009427	359.9
2/14/2002	0.01583	360.03331
5/28/2002	0.01690	360
11/18/2002	0.008975	360.01387
10/2/2003	0.008709	360.05191
3/12/2007	0.01438	360.1227
9/13/2007	0.009342	360.07781
5/6/2011	0.02320	360.18
Max:	**0.0232**	**360.18**
Min:	**0.008709**	**359.90**
GeoMean:	**0.01321**	**360.04**

EPA On-line Tools for Site Assessment Calculation

Hydraulic Gradient – Magnitude and Direction

Gradient Calculation from fitting a plane to as many as thirty points

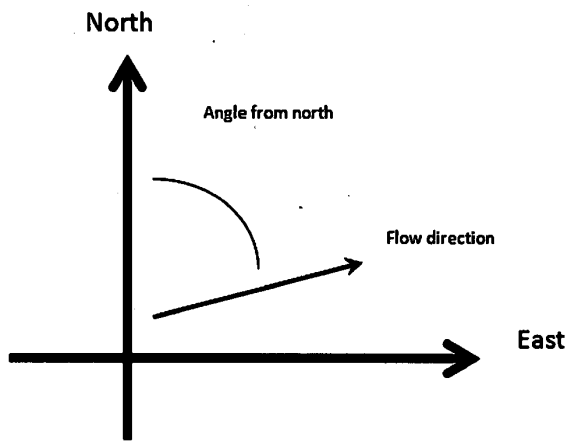
$$a x_1 + b y_1 + c = h_1$$
$$a x_2 + b y_2 + c = h_2$$
$$a x_3 + b y_3 + c = h_3$$
$$\ldots$$
$$a x_{30} + b y_{30} + c = h_{30}$$

where (x_i,y_i) are the coordinates of the well and
h_i is the head

$i = 1,2,3, \ldots, 30$

The coefficients a, b, and c are calculated by a least-squares fitting of the the data to a plane

The gradient is calculated from the square root of $(a^2 + b^2)$ and the angle from the arctangent of a/b or b/a depending on the quadrant



Inputs

Example Data Set 1 | Example Data Set 2 | Calculate | Clear
Save Data | Recall Data | Go Back

Site Name	Qik-N-EZ - Peoria Rd	
Date	04/02/1998	Current Date
Calculation basis	Head	

Coordinates ft

I.D.	x-coordinate	y-coordinate	head ft
1) MW-1	5838.4	2070.9	94.03
2) MW-2	58545	2232.5	92.19
3) MW-3	5754.7	2287.4	91.43
4) MW-4	5720.8	2097.9	95.83
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Results

Number of Points Used in Calculation	4
Max. Difference Between Head Values	1.341
Gradient Magnitude (i)	0.01614
Flow direction as degrees from North (positive y axis)	0.01875
Coefficient of Determination (R^2)	0.783

WCMS
Last updated on 8/31/2021

EPA On-line Tools for Site Assessment Calculation

Hydraulic Gradient -- Magnitude and Direction

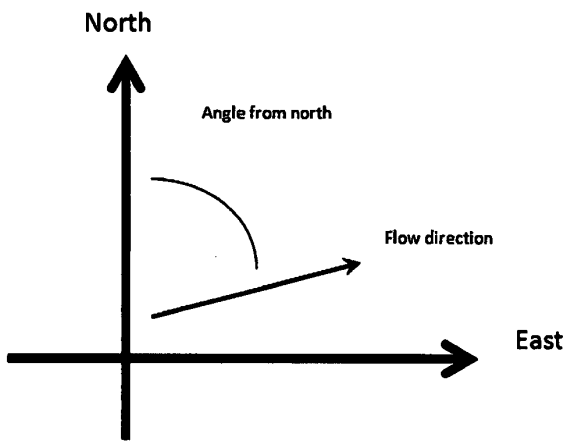
Gradient Calculation from fitting a plane to as many as thirty points

$a x_1 + b y_1 + c = h_1$
$a x_2 + b y_2 + c = h_2$
$a x_3 + b y_3 + c = h_3$
...
$a x_{30} + b y_{30} + c = h_{30}$

where (x_i, y_i) are the coordinates of the well and
h_i is the head

i = 1,2,3, ... , 30
The coefficients a, b, and c are calculated by a least-squares fitting of the the data to a plane

The gradient is calculated from the square root of $(a^2 + b^2)$ and the angle from the arctangent of a/b or b/a depending on the quadrant



Inputs

Example Data Set 1 | Example Data Set 2 | Calculate | Clear
Save Data | Recall Data | Go Back

Site Name	Qik-N-EZ - Peoria Rd	
Date	03/09/2001	Current Date
Calculation basis	Head	

Coordinates ft

I.D.	x-coordinate	y-coordinate	head ft
1) MW-1	5838.4	2070.9	90.80
2) MW-2	58545	2232.5	89.53
3) MW-3	5754.7	2287.4	90.29
4) MW-4	5720.8	2097.9	93.94
5) MW-5	5648.5	2230.5	88.50
6) MW-6	5721.2	2496.4	85.62
7) MW-7	5944.5	2232.5	87.01
8) MW-8	5908.2	2147.3	88.78
9) MW-9	5682.4	2020.2	94.15
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11)			
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Results

Number of Points Used in Calculation	9
Max. Difference Between Head Values	2.600
Gradient Magnitude (i)	0.01632
Flow direction as degrees from North (positive y axis)	360.0
Coefficient of Determination (R^2)	0.652

WCMS
Last updated on 8/31/2021

EPA United States Environmental Protection Agency

https://www3.epa.gov/ceampubl/learn2model/part-two/onsite/gradient4plus-ns.html

EPA On-line Tools for Site Assessment Calculation

Hydraulic Gradient -- Magnitude and Direction

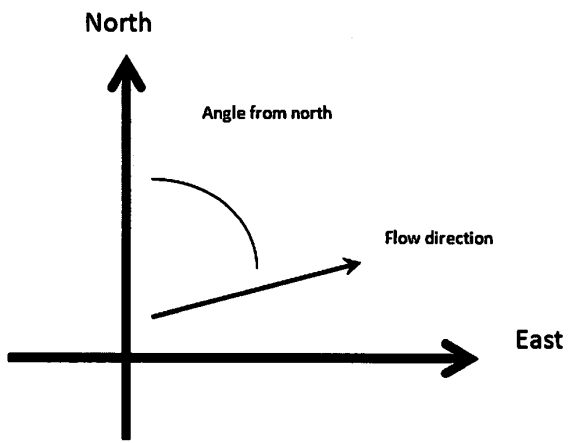
Gradient Calculation from fitting a plane to as many as thirty points

$a x_1 + b y_1 + c = h_1$
$a x_2 + b y_2 + c = h_2$
$a x_3 + b y_3 + c = h_3$
...
$a x_{30} + b y_{30} + c = h_{30}$

where (x_i, y_i) are the coordinates of the well and
h_i is the head

i = 1,2,3, ... , 30
The coefficients a, b, and c are calculated by a least-squares fitting of the the data to a plane

The gradient is calculated from the square root of $(a^2 + b^2)$ and the angle from the arctangent of a/b or b/a depending on the quadrant



Inputs

Example Data Set 1 | Example Data Set 2 | Calculate | Clear
Save Data | Recall Data | Go Back

Site Name	Qik-N-EZ - Peoria Rd	
Date	11/06/2001	Current Date
Calculation basis	Head	

Coordinates ft

I.D.	x-coordinate	y-coordinate	head ft
1) MW-1	5838.4	2070.9	85.51
2) MW-2	58545	2232.5	86.46
3) MW-3	5754.7	2287.4	87.52
4) MW-4	5720.8	2097.9	89.53
5) MW-5	5648.5	2230.5	86.58
6) MW-6	5721.2	2496.4	83.36
7) MW-7	5944.5	2232.5	81.85
8) MW-8	5908.2	2147.3	85.57
9) MW-9	5682.4	2020.2	88.59
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Results

Number of Points Used in Calculation	9
Max. Difference Between Head Values	2.341
Gradient Magnitude (i)	0.009427
Flow direction as degrees from North (positive y axis)	359.9
Coefficient of Determination (R^2)	0.308

WCMS
Last updated on 8/31/2021

EPA On-line Tools for Site Assessment Calculation

Hydraulic Gradient – Magnitude and Direction

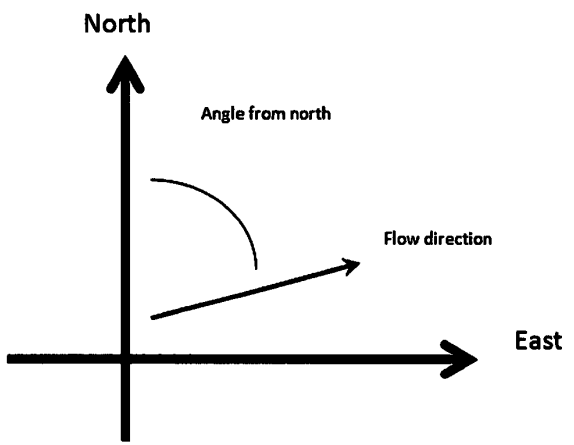
Gradient Calculation from fitting a plane to as many as thirty points

$$a x_1 + b y_1 + c = h_1$$
$$a x_2 + b y_2 + c = h_2$$
$$a x_3 + b y_3 + c = h_3$$
$$\ldots$$
$$a x_{30} + b y_{30} + c = h_{30}$$

where (x_i,y_i) are the coordinates of the well and
h_i is the head

$i = 1,2,3, \ldots, 30$
The coefficients a, b, and c are calculated by a least-squares fitting of the the data to a plane

The gradient is calculated from the square root of $(a^2 + b^2)$ and the angle from the arctangent of a/b or b/a depending on the quadrant



Inputs

Example Data Set 1 | Example Data Set 2 | Calculate | Clear
Save Data | Recall Data | Go Back

Site Name: Qik-N-EZ - Peoria Rd
Date: 02/14/2002 Current Date
Calculation basis: Head

Coordinates ft

I.D.	x-coordinate	y-coordinate	head ft
1) MW-1	5838.4	2070.9	89.19
2) MW-2	58545	2232.5	87.71
3) MW-3	5754.7	2287.4	89.03
4) MW-4	5720.8	2097.9	92.90
5) MW-5	5648.5	2230.5	89.17
6) MW-6	5721.2	2496.4	84.58
7) MW-7	5944.5	2232.5	84.53
8) MW-8	5908.2	2147.3	87.10
9) MW-9	5682.4	2020.2	93.19
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Results

Number of Points Used in Calculation	9
Max. Difference Between Head Values	2.640
Gradient Magnitude (i)	0.01583
Flow direction as degrees from North (positive y axis)	0.03331
Coefficient of Determination (R^2)	0.538

WCMS
Last updated on 8/31/2021

EPA On-line Tools for Site Assessment Calculation

Hydraulic Gradient -- Magnitude and Direction

Gradient Calculation from fitting a plane to as many as thirty points

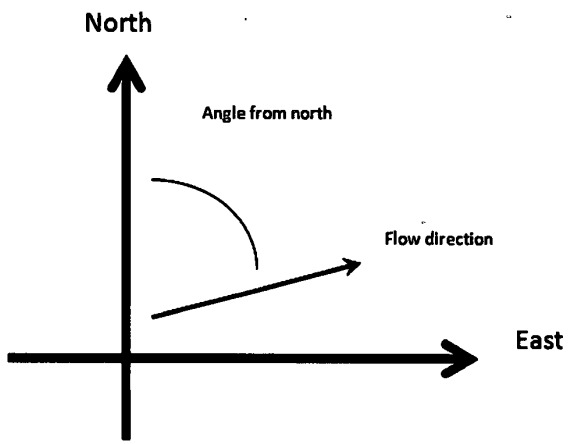
$$a x_1 + b y_1 + c = h_1$$
$$a x_2 + b y_2 + c = h_2$$
$$a x_3 + b y_3 + c = h_3$$
$$\dots$$
$$a x_{30} + b y_{30} + c = h_{30}$$

where (x_i, y_i) are the coordinates of the well and
h_i is the head

$i = 1,2,3, \dots, 30$

The coefficients a, b, and c are calculated by a least-squares fitting of the the data to a plane

The gradient is calculated from the square root of $(a^2 + b^2)$ and the angle from the arctangent of a/b or b/a depending on the quadrant



Inputs

Example Data Set 1 | Example Data Set 2 | Calculate | Clear
Save Data | Recall Data | Go Back

Site Name	Qik-N-EZ - Peoria Rd	
Date	05/28/2002	Current Date
Calculation basis	Head	

Coordinates ft

I.D.	x-coordinate	y-coordinate	head ft
1) MW-1	5838.4	2070.9	93.82
2) MW-2	58545	2232.5	91.20
3) MW-3	5754.7	2287.4	91.26
4) MW-4	5720.8	2097.9	95.14
5) MW-5	5648.5	2230.5	89.60
6) MW-6	5721.2	2496.4	86.58
7) MW-7	5944.5	2232.5	
8) MW-8	5908.2	2147.3	90.07
9) MW-9	5682.4	2020.2	94.53
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Results

Number of Points Used in Calculation	8
Max. Difference Between Head Values	2.609
Gradient Magnitude (i)	0.01690
Flow direction as degrees from North (positive y axis)	360.0
Coefficient of Determination (R^2)	0.784

WCMS
Last updated on 8/31/2021

EPA On-line Tools for Site Assessment Calculation

Hydraulic Gradient -- Magnitude and Direction

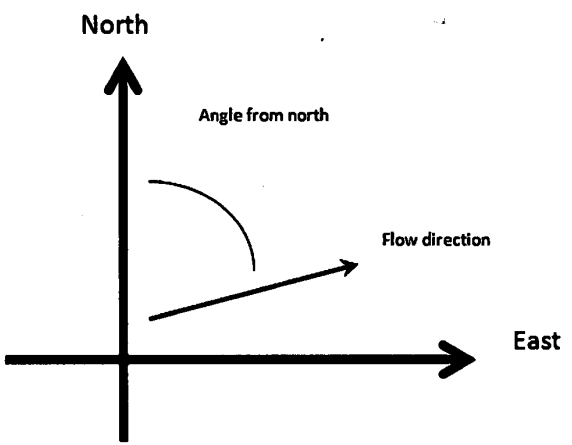
Gradient Calculation from fitting a plane to as many as thirty points

$$a x_1 + b y_1 + c = h_1$$
$$a x_2 + b y_2 + c = h_2$$
$$a x_3 + b y_3 + c = h_3$$
$$\dots$$
$$a x_{30} + b y_{30} + c = h_{30}$$

where (x_i, y_i) are the coordinates of the well and
h_i is the head

$i = 1,2,3, \dots , 30$
The coefficients a, b, and c are calculated by a least-squares fitting of the the data to a plane

The gradient is calculated from the square root of $(a^2 + b^2)$ and the angle from the arctangent of a/b or b/a depending on the quadrant



Inputs

Example Data Set 1 | Example Data Set 2 | Calculate | Clear
Save Data | Recall Data | Go Back

Site Name: Qik-N-EZ - Peoria Rd
Date: 11/18/2002 Current Date
Calculation basis: Head

Coordinates ft

I.D.	x-coordinate	y-coordinate	head ft
1) MW-1	5838.4	2070.9	85.00
2) MW-2	58545	2232.5	85.59
3) MW-3	5754.7	2287.4	86.04
4) MW-4	5720.8	2097.9	88.60
5) MW-5	5648.5	2230.5	85.87
6) MW-6	5721.2	2496.4	83.16
7) MW-7	5944.5	2232.5	
8) MW-8	5908.2	2147.3	84.85
9) MW-9	5682.4	2020.2	88.81
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Results

Number of Points Used in Calculation	8
Max. Difference Between Head Values	1.722
Gradient Magnitude (i)	0.008975
Flow direction as degrees from North (positive y axis)	0.01387
Coefficient of Determination (R^2)	0.513

WCMS
Last updated on 8/31/2021

EPA On-line Tools for Site Assessment Calculation

Hydraulic Gradient -- Magnitude and Direction

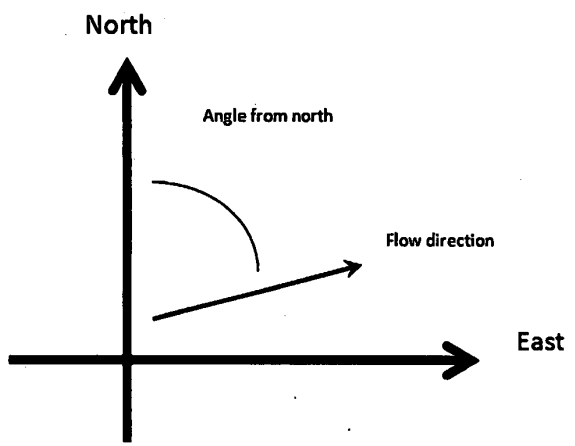
Gradient Calculation from fitting a plane to as many as thirty points

$a x_1 + b y_1 + c = h_1$
$a x_2 + b y_2 + c = h_2$
$a x_3 + b y_3 + c = h_3$
...
$a x_{30} + b y_{30} + c = h_{30}$

where (x_i, y_i) are the coordinates of the well and
h_i is the head

i = 1,2,3, ... , 30
The coefficients a, b, and c are calculated by a least-squares fitting of the the data to a plane

The gradient is calculated from the square root of $(a^2 + b^2)$ and the angle from the arctangent of a/b or b/a depending on the quadrant



Inputs

Example Data Set 1 | Example Data Set 2 | Calculate | Clear
Save Data | Recall Data | Go Back

Site Name	Qik-N-EZ - Peoria Rd	
Date	10/02/2003	Current Date
Calculation basis	Head	

Coordinates ft

I.D.	x-coordinate	y-coordinate	head ft
1) MW-1	5838.4	2070.9	86.33
2) MW-2	58545	2232.5	85.72
3) MW-3	5754.7	2287.4	86.36
4) MW-4	5720.8	2097.9	88.73
5) MW-5	5648.5	2230.5	85.63
6) MW-6	5721.2	2496.4	83.57
7) MW-7	5944.5	2232.5	
8) MW-8	5908.2	2147.3	
9) MW-9	5682.4	2020.2	87.86
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Results

Number of Points Used in Calculation	7
Max. Difference Between Head Values	1.573
Gradient Magnitude (i)	0.008709
Flow direction as degrees from North (positive y axis)	0.05191
Coefficient of Determination (R^2)	0.738

WCMS
Last updated on 8/31/2021

EPA On-line Tools for Site Assessment Calculation

Hydraulic Gradient – Magnitude and Direction

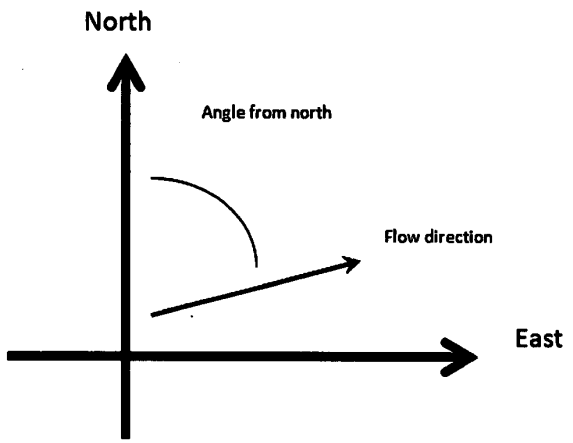
Gradient Calculation from fitting a plane to as many as thirty points

$a x_1 + b y_1 + c = h_1$
$a x_2 + b y_2 + c = h_2$
$a x_3 + b y_3 + c = h_3$
...
$a x_{30} + b y_{30} + c = h_{30}$

where (x_i, y_i) are the coordinates of the well and
h_i is the head

i = 1,2,3, ... , 30
The coefficients a, b, and c are calculated by a least-squares fitting of the the data to a plane

The gradient is calculated from the square root of $(a^2 + b^2)$ and the angle from the arctangent of a/b or b/a depending on the quadrant



Inputs

Example Data Set 1 | Example Data Set 2 | Calculate | Clear
Save Data | Recall Data | Go Back
Site Name: Qik-N-EZ - Peoria Rd
Date: 03/12/2007 | Current Date
Calculation basis: Head

Coordinates ft

I.D.	x-coordinate	y-coordinate	head ft
1) MW-1	5838.4	2070.9	88.56
2) MW-2	58545	2232.5	88.23
3) MW-3	5754.7	2287.4	90.75
4) MW-4	5720.8	2097.9	94.07
5) MW-5	5648.5	2230.5	89.10
6) MW-6	5721.2	2496.4	85.46
7) MW-7	5944.5	2232.5	
8) MW-8	5908.2	2147.3	
9) MW-9	5682.4	2020.2	93.91
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Results

Number of Points Used in Calculation	7
Max. Difference Between Head Values	2.624
Gradient Magnitude (i)	0.01438
Flow direction as degrees from North (positive y axis)	0.1227
Coefficient of Determination (R^2)	0.609

WCMS
Last updated on 8/31/2021

EPA On-line Tools for Site Assessment Calculation

Hydraulic Gradient – Magnitude and Direction

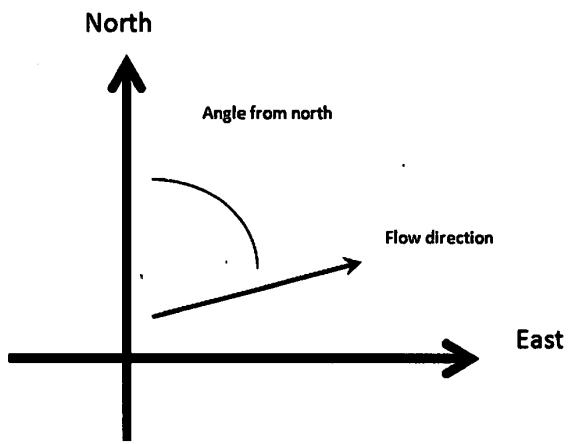
Gradient Calculation from fitting a plane to as many as thirty points

$a x_1 + b y_1 + c = h_1$
$a x_2 + b y_2 + c = h_2$
$a x_3 + b y_3 + c = h_3$
...
$a x_{30} + b y_{30} + c = h_{30}$

where (x_i, y_i) are the coordinates of the well and
h_i is the head

i = 1,2,3, ... , 30
The coefficients a, b, and c are calculated by a least-squares fitting of the the data to a plane

The gradient is calculated from the square root of $(a^2 + b^2)$ and the angle from the arctangent of a/b or b/a depending on the quadrant



Inputs

Example Data Set 1 | Example Data Set 2 | Calculate | Clear
Save Data | Recall Data | Go Back
Site Name: Qik-N-EZ - Peoria Rd
Date: 09/13/2007 | Current Date
Calculation basis: Head

Coordinates ft

I.D.	x-coordinate	y-coordinate	head ft
1) MW-1	5838.4	2070.9	84.40
2) MW-2	58545	2232.5	84.79
3) MW-3	5754.7	2287.4	85.56
4) MW-4	5720.8	2097.9	87.85
5) MW-5	5648.5	2230.5	85.66
6) MW-6	5721.2	2496.4	83.09
7) MW-7	5944.5	2232.5	
8) MW-8	5908.2	2147.3	
9) MW-9	5682.4	2020.2	87.02
10) MW-10	5736.1	2163.2	89.38
11) MW-11	5782.2	2227.0	88.62
12) MW-12	5810.8	2291.0	83.65
13) MW-13	5887.5	2271.2	81.45
14) MW-14	5865.1	2158.0	85.46
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Results

Number of Points Used in Calculation	12
Max. Difference Between Head Values	2.417
Gradient Magnitude (i)	0.009342
Flow direction as degrees from North (positive y axis)	0.07781
Coefficient of Determination (R^2)	0.262

WCMS
Last updated on 8/31/2021

EPA On-line Tools for Site Assessment Calculation

Hydraulic Gradient -- Magnitude and Direction

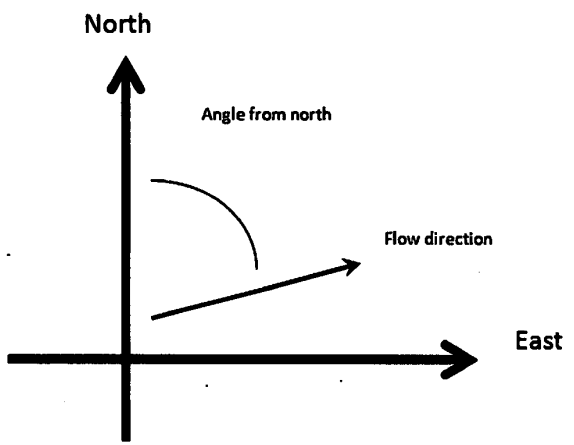
Gradient Calculation from fitting a plane to as many as thirty points

$a x_1 + b y_1 + c = h_1$
$a x_2 + b y_2 + c = h_2$
$a x_3 + b y_3 + c = h_3$
...
$a x_{30} + b y_{30} + c = h_{30}$

where (x_i, y_i) are the coordinates of the well and
h_i is the head

i = 1,2,3, ... , 30
The coefficients a, b, and c are calculated by a least-squares fitting of the the data to a plane

The gradient is calculated from the square root of $(a^2 + b^2)$ and the angle from the arctangent of a/b or b/a depending on the quadrant



Inputs

Example Data Set 1 | Example Data Set 2 | Calculate | Clear
Save Data | Recall Data | Go Back

Site Name: Qik-N-EZ - Peoria Rd
Date: 05/06/2011 Current Date
Calculation basis: Head

Coordinates ft

I.D.	x-coordinate	y-coordinate	head ft
1) MW-1	5838.4	2070.9	
2) MW-2	58545	2232.5	88.43
3) MW-3	5754.7	2287.4	90.50
4) MW-4	5720.8	2097.9	94.10
5) MW-5	5648.5	2230.5	
6) MW-6	5721.2	2496.4	
7) MW-7	5944.5	2232.5	
8) MW-8	5908.2	2147.3	
9) MW-9	5682.4	2020.2	
10) MW-10	5736.1	2163.2	93.73
11) MW-11	5782.2	2227.0	92.11
12) MW-12	5810.8	2291.0	89.59
13) MW-13	5887.5	2271.2	
14) MW-14	5865.1	2158.0	
15) MW-15	5736.5	2209.4	96.39
16)			
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Results

Number of Points Used in Calculation	7
Max. Difference Between Head Values	2.426
Gradient Magnitude (i)	0.02320
Flow direction as degrees from North (positive y axis)	0.1800
Coefficient of Determination (R^2)	0.650

WCMS
Last updated on 8/31/2021

Illinois Environmental Protection Agency

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Leaking Underground Storage Tank Program
RBCA Input Parameters for Use with Tier 2 Calculations

A. Site Identification

IEMA Incident # (6- or 8-digit): 942157...20201063 IEPA LPC # (10-digit): 1671205520

Site Name: Qik-N-EZ

Site Address (not a P.O. Box): 2800 North Peoria Road

City: Springfield County: Sangamon Zip Code: 62702

Leaking UST Technical File

B. Tier 2 Calculation Information

Equation(s) Used (ex: R12, R14, R26): R26: Soil Leaching

Contact Information for Individual Who Performed Calculations: Shawn D. Wolfe,

Senior Project Manager: Green Wave Consulting LLC 217-726-7569

Land Use: Not Applicable Soil Type: Not Applicable

Groundwater: ☑ Class I ☐ Class II

Mass Limit: ☐ Yes ☐ No If Yes, then Specify Acreage: ☐ 0.5 ☐ 1 ☐ 2 ☐ 5 ☐ 10 ☐ 30

Result from S17/S28 used in R26? ☑ Yes ☐ No Specify C_{source} from S17/S28 See Page 3 mg/L

- Mass Limit Acreage other than defaults must always be rounded up.
- Failure to use site-specific parameters where allowed could affect payment from the Underground Storage Tank Fund.
- Maps depicting source width, plume dimensions, distance, etc. must also be submitted.
- Inputs must be submitted in the designated unit.

Symbol			Unit	Symbol			Unit
AT_c	=	70	yr	d	=		cm
AT_n	=		yr	D^{air}	=		cm^2/s
BW	=	70	kg	D^{water}	=		cm^2/s
C_{source}	=	See Page 3	mg/L	D_s^{eff}	=		cm^2/s
$C_{(x)}$	=	Varies, See Model Sheet	mg/L	ED	=		yr
$C_{(x)}/C_{source}$	=		unitless	EF	=		d/yr

Incident #: 942157...20201063 Chemical: Benzene Land Use: Not Applicable

Symbol			Unit	Symbol			Unit
erf	=		unitless	RAF_d (PNAs)	=	0.05	unitless
f_{oc}	=		g/g	RAF_d (inorganics)	=	0	unitless
GW_{comp}	=		mg/L	RAF_o	=	1.0	unitless
GW_{source}	=		mg/L	$RBSL_{air}$ (carcinogenic)	=		µg/m³
H'	=		cm^3_{water}/cm^3_{air}	$RBSL_{air}$ (noncarcinogenic)	=		µg/m³
i	=	0.0232	cm/cm	RfD_i	=		mg/kg-d
I	=	30	cm/yr	RfD_o	=		mg/kg-d
IR_{air}	=	20	m³/d	SA	=	3,160	cm^2/d
IR_{soil}	=		mg/d	S_d	=	200	cm
IR_w	=		L/d	S_w	=	7,681	cm
K	=	19.6128	cm/d for R15, R19, R26; cm/yr for R24	SF_i	=		$(mg/kg-d)^{-1}$
K_{oc}	=		cm^3/g or L/kg	SF_o	=		$(mg/kg-d)^{-1}$
k_s (non-ionizing organics)	=		cm^3_{water}/g_{soil}	THQ	=	1	unitless
k_s (ionizing organics)	=		cm^3_{water}/g_{soil}	TR	=		unitless
k_s (inorganics)	=		cm^3_{water}/g_{soil}	U	=		cm/d
L_s	=	100	cm	U_{air}	=	225	cm/s
LF_{sw}	=		$(mg/L_{water})/(mg/kg_{soil})$	U_{gw}	=		cm/yr
M	=	0.5	mg/cm^2	VF_p	=		kg/m^3
Pe	=	$6.9 \cdot 10^{-14}$	g/cm^2-s	VF_{samb}	=		$(mg/m^3_{air})/mg/kg_{soil})$ or kg/m^3
RAF_d	=	0.5	unitless	VF_{ss}	=		kg/m^3

Incident #: 942157...20201063 Chemical: Benzene Land Use: Not Applicable

Symbol			Unit	Symbol			Unit
W	=		cm	θ_{as}	=		cm^3_{air}/cm^3_{soil}
w	=		g_{water}/g_{soil}	θ_{ws}	=		cm^3_{water}/cm^3_{soil}
X	=	See Below	cm	θ_T	=	0.40	cm^3/cm^3_{soil}
α_x	=		cm	λ	=	Varies, See Model Sheet	d^{-1}
α_y	=		cm	π	=	3.1416	
α_z	=		cm	ρ_b	=		g/cm^3
δ_{air}	=	200	cm	ρ_w	=	1	g/cm^3
δ_{gw}	=	200	cm	τ	=	$9.46 \cdot 10^8$	s

Csource Values (mg/L):

Equation		Result	Unit(s)		
R1	=		mg/kg	Benzene: CA-28 (7.5') = 0.011 CA-29 (7.5') = 0.023 CA-40 (7.5') = 0.010	
R2	=		mg/kg		
R7	=		mg/kg		
R8	=		mg/kg		
R12	=		mg/kg		
R25	=		mg/L		

Maximum Predicted Extent of Groundwater Impact (X): (feet from point source)

Benzene: CA-28 (7.5') = 33.0 CA-29 (7.5') = 57.5 CA-40 (7.5') = 29.5			

DOMENICO SOLUTE TRANSPORT MODEL CALCULATION

Exposure Pathway:	Soil Component of Groundwater Ingestion
GW Classification:	Class I
Site Location:	Qik-N-EZ - North Peoria Road Springfield, Illinois
LUST Incident Number(s):	942157, 961540, 991895 & 20201063

Aquifer hydraulic conductivity (K)=	2.27E-04	cm/sec	=	19.6128 cm/day
Hydraulic gradient (i)=	0.0232	m/m		
Total soil porosity (theta T)=	0.40	cm^3/cm^3		
Source width perpendicular to GW flow direction in horizontal plane (Sw)=	252	ft	=	7,681 cm
Source width perpendicular to GW flow direction in vertical plane (Sd)=	6.56	ft	=	200 cm

Porosity
Gravel=0.25
Sand=0.32
Silt=0.40
Clay=0.36
Default =0.43

(assuming complete mixing)

Distance to Compliance with Tier 1, Class I GROs

Sample ID	Sample Depth	Analyte	Concentration (mg/L)	X (feet)	Cx (mg/L)
CA-28	7.5'	Benzene	0.011	33.0	0.00500
CA-29	7.5'	Benzene	0.023	57.5	0.00499
CA-40	7.5'	Benzene	0.010	29.5	0.00500
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Analyte	Class I GRO	Class II GRO	First order degradation constant (λ)
Benzene	0.005	0.025	0.000900
Toluene	1	2.5	0.0110
Ethylbenzene	0.7	1	0.00300
Total Xylenes	10	10	0.00190
MTBE	0.07	0.07	0
Acenaphthene	0.42	2.1	0.00340
Anthracene	2.1	10.5	0.000750
Benzo(a)anthracene	0.00013	0.00065	0.000510
Benzo(a)pyrene	0.0002	0.002	0.000650
Benzo(b)fluoranthene	0.00018	0.0009	0.000570
Benzo(k)fluoranthene	0.00017	0.00085	0.000160
Chrysene	0.0015	0.0075	0.000350
Dibenzo(a,h)anthracene	0.0003	0.0015	0.000370
Fluoranthene	0.28	1.4	0.000190
Fluorene	0.28	1.4	0.000691
Indeno(1,2,3-c,d)pyrene	0.00043	0.00215	0.000470
Naphthalene	0.14	0.22	0.00270
Pyrene	0.21	1.05	0.000180
Lead	0.0075	0.1	0

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Leaking Underground Storage Tank Program
RBCA Input Parameters for Use with Tier 2 Calculations

A. Site Identification

IEMA Incident # (6- or 8-digit): 942157...20201063 IEPA LPC # (10-digit): 1671205520

Site Name: Qik-N-EZ

Site Address (not a P.O. Box): 2800 North Peoria Road

City: Springfield County: Sangamon Zip Code: 62702

Leaking UST Technical File

B. Tier 2 Calculation Information

Equation(s) Used (ex: R12, R14, R26): R26: Groundwater

Contact Information for Individual Who Performed Calculations: Shawn D. Wolfe,

Senior Project Manager: Green Wave Consulting LLC 217-726-7569

Land Use: Not Applicable Soil Type: Not Applicable

Groundwater: ☑ Class I ☐ Class II

Mass Limit: ☐ Yes ☐ No If Yes, then Specify Acreage: ☐ 0.5 ☐ 1 ☐ 2 ☐ 5 ☐ 10 ☐ 30

Result from S17/S28 used in R26? ☐ Yes ☑ No Specify C_{source} from S17/S28 _____ mg/L

- Mass Limit Acreage other than defaults must always be rounded up.
- Failure to use site-specific parameters where allowed could affect payment from the Underground Storage Tank Fund.
- Maps depicting source width, plume dimensions, distance, etc. must also be submitted.
- Inputs must be submitted in the designated unit.

Symbol			Unit	Symbol			Unit
AT_c	=	70	yr	d	=		cm
AT_n	=		yr	D^{air}	=		cm^2/s
BW	=	70	kg	D^{water}	=		cm^2/s
C_{source}	=	See Page 3	mg/L	D_a^{eff}	=		cm^2/s
$C_{(x)}$	=	Varies, See Model Sheet	mg/L	ED	=		yr
$C_{(x)}/C_{source}$	=		unitless	EF	=		d/yr

Incident #: 942157...20201063 Chemical: BTEXN Land Use: Not Applicable

Symbol			Unit	Symbol			Unit
erf	=		unitless	RAF_d (PNAs)	=	0.05	unitless
f_{oc}	=		g/g	RAF_d (inorganics)	=	0	unitless
GW_{comp}	=		mg/L	RAF_O	=	1.0	unitless
GW_{source}	=		mg/L	$RBSL_{air}$ (carcinogenic)	=		$\mu g/m^3$
H'	=		cm^3_{water}/cm^3_{air}	$RBSL_{air}$ (noncarcinogenic)	=		$\mu g/m^3$
i	=	0.0232	cm/cm	RfD_i	=		mg/kg-d
I	=	30	cm/yr	RfD_o	=		mg/kg-d
IR_{air}	=	20	m^3/d	SA	=	3,160	cm^2/d
IR_{soil}	=		mg/d	S_d	=	200	cm
IR_w	=		L/d	S_w	=	9,479	cm
K	=	19.6128	cm/d for R15, R19, R26; cm/yr for R24	SF_i	=		$(mg/kg\text{-}d)^{-1}$
K_{oc}	=		cm^3/g or L/kg	SF_o	=		$(mg/kg\text{-}d)^{-1}$
k_s (non-ionizing organics)	=		cm^3_{water}/g_{soil}	THQ	=	1	unitless
k_s (ionizing organics)	=		cm^3_{water}/g_{soil}	TR	=		unitless
k_s (inorganics)	=		cm^3_{water}/g_{soil}	U	=		cm/d
L_s	=	100	cm	U_{air}	=	225	cm/s
LF_{sw}	=		$(mg/L_{water})/(mg/kg_{soil})$	U_{gw}	=		cm/yr
M	=	0.5	mg/cm^2	VF_p	=		kg/m^3
Pe	=	$6.9 \cdot 10^{-14}$	$g/cm^2\text{-}s$	VF_{samb}	=		$(mg/m^3_{air})/mg/kg_{soil})$ or kg/m^3
RAF_d	=	0.5	unitless	VF_{ss}	=		kg/m^3

Incident #: 942157...20201063 Chemical: BTEXN Land Use: Not Applicable

Symbol			Unit
W	=		cm
w	=		g_{water}/g_{soil}
X	=	See Below	cm
α_x	=		cm
α_y	=		cm
α_z	=		cm
δ_{air}	=	200	cm
δ_{gw}	=	200	cm

Symbol			Unit
θ_{as}	=		cm^3_{air}/cm^3_{soil}
θ_{ws}	=		cm^3_{water}/cm^3_{soil}
θ_T	=	0.40	cm^3/cm^3_{soil}
λ	=	Varies, See Model Sheet	d^{-1}
π	=	3.1416	
ρ_b	=		g/cm^3
ρ_w	=	1	g/cm^3
τ	=	$9.46 \cdot 10^8$	s

Equation		Result	Unit(s)
R1	=		mg/kg
R2	=		mg/kg
R7	=		mg/kg
R8	=		mg/kg
R12	=		mg/kg
R25	=		mg/L

Csource Values (mg/L):

MW-2:
Benzene = 0.0290

MW-10:
Benzene = 8.01
Toluene = 1.39
Ethylbenzene = 2.22
Total Xylenes = 13.6
Naphthalene = 0.417

MW-11:
Benzene = 1.97
Ethylbenzene = 3.27
Naphthalene = 0.538

MW-15:
Benzene = 2.83

Maximum Predicted Extent of Groundwater Impact (X):
(feet from point source)

MW-2:
Benzene = 65.2

MW-10:
Benzene = 346
Toluene = 1.2
Ethylbenzene = 16.1
Total Xylenes = 6.3
Naphthalene = 16.8

MW-11:
Benzene = 259
Ethylbenzene = 22.1
Naphthalene = 22.1

MW-15:
Benzene = 281

DOMENICO SOLUTE TRANSPORT MODEL CALCULATION

Exposure Pathway:	Groundwater Component of Groundwater Ingestion
GW Classification:	Class I
Site Location:	Qik-N-EZ - North Peoria Road Springfield, Illinois
LUST Incident Number(s):	942157, 961540, 991895 & 20201063

Aquifer hydraulic conductivity (K)=	2.27E-04 cm/sec	=	19.6128 cm/day
Hydraulic gradient (i)=	0.0232 m/m		
Total soil porosity (theta T)=	0.40 cm^3/cm^3		
Source width perpendicular to GW flow direction in horizontal plane (Sw)=	311 ft	=	9,479 cm
Source width perpendicular to GW flow direction in vertical plane (Sd)=	6.56 ft	=	200 cm

Porosity
Gravel=0.25
Sand=0.32
Silt=0.40
Clay=0.36
Default =0.43

(assuming complete mixing)

Distance to Compliance with Tier 1, Class I GROs

Sample ID	Sample Date	Analyte	Concentration (mg/L)	X (feet)	Cx (mg/L)
MW-2	05/06/2011	Benzene	0.0290	65.2	0.00500
MW-10	05/05/2020	Benzene	8.01	346	0.00493
		Toluene	1.39	1.2	0.987
		Ethylbenzene	2.22	16.1	0.696
		Total Xylenes	13.6	6.3	9.96
	06/03/2011	Naphthalene	0.417	16.8	0.1394
MW-11	05/06/2011	Benzene	1.97	259	0.00497
		Ethylbenzene	3.27	22.1	0.699
	06/03/2011	Naphthalene	0.538	21.1	0.1398
MW-15	05/05/2020	Benzene	2.83	281	0.00493
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Analyte	Class I GRO	Class II GRO	First order degradation constant (λ)
Benzene	0.005	0.025	0.000900
Toluene	1	2.5	0.0110
Ethylbenzene	0.7	1	0.00300
Total Xylenes	10	10	0.00190
MTBE	0.07	0.07	0
Acenaphthene	0.42	2.1	0.00340
Anthracene	2.1	10.5	0.000750
Benzo(a)anthracene	0.00013	0.00065	0.000510
Benzo(a)pyrene	0.0002	0.002	0.000650
Benzo(b)fluoranthene	0.00018	0.0009	0.000570
Benzo(k)fluoranthene	0.00017	0.00085	0.000160
Chrysene	0.0015	0.0075	0.000350
Dibenzo(a,h)anthracene	0.0003	0.0015	0.000370
Fluoranthene	0.28	1.4	0.000190
Fluorene	0.28	1.4	0.000691
Indeno(1,2,3-c,d)pyrene	0.00043	0.00215	0.000470
Naphthalene	0.14	0.22	0.00270
Pyrene	0.21	1.05	0.000180
Lead	0.0075	0.1	0

J&E Equation Modeling
Indoor Inhalation Exposure Route

Benzene

Site Name: Qik-N-EZ - Peoria Road
Site City: Sprilngfield, IL

Contaminant of Concern: **Benzene**
Exposure Scenario: Advection & Diffusion (Q_{soil} = 83.33) - Residential & Industrial/Commercial
# of Soil Layers: 2 (soil layer 2 = capillary fringe)

Site-Specific Soil Properties

Soil Class: Silt Loam	Layer 1	Layer 2	
Moisture Content (W):	0.199	0.199	g_{water} / g_{soil}
Dry Bulk Density (ρ_b):	1.50901	1.50901	g/cm^3
Soil Particle Density (ρ_s):	2.599	2.599	g/cm^3

Contaminant of Concern Properties

Diffusivity in Air (D_i)	0.0880 cm^2/s	TACO Appendix C, Table E
Diffusivity in Water (D_w)	0.0000102 cm^2/s	TACO Appendix C, Table E
Henry's Law Constant (H'_{TS})	0.13400 @ the System Temperature 13°C	TACO Appendix C, Table E
Unit Risk Factor (URF)	0.00000780 $(\mu g/m^3)^{-1}$	IEPA Toxicity Values for Tier 2 and Tier 3 Calculations
Solubility in Water (S)	1,800 mg/L	TACO Appendix C, Table E
Soil Vapor Saturation Limit (C_v^{sat})	420,000 mg/m^3	TACO Appendix A, Table K

Modeling Results - *Soil Gas Contamination*

J&E1	Indoor Air Remediation Objective - Carcinogens	0.000312 mg/m^3	Residential
J&E1	Indoor Air Remediation Objective - Carcinogens	0.000524 mg/m^3	Industrial/Commercial
J&E4	Soil Gas Remediation Objective - Carcinogens	3.9 mg/m^3	Residential
J&E4	Soil Gas Remediation Objective - Carcinogens	16 mg/m^3	Industrial/Commercial
	Soil Vapor Saturation (C_v^{sat}) Check	420,000 mg/m^3	TACO Appendix A, Table K
J&E7	Attenuation Factor	8.05617E-05	Residential
J&E7	Attenuation Factor	3.32625E-05	Industrial/Commercial

Modeling Results - *Groundwater Contamination*

J&E1	Indoor Air Remediation Objective - Carcinogens	0.000312 mg/m^3	Residential
J&E1	Indoor Air Remediation Objective - Carcinogens	0.000524 mg/m^3	Industrial/Commercial
J&E4	Soil Gas Remediation Objective - Carcinogens	21 mg/m^3	Residential
J&E4	Soil Gas Remediation Objective - Carcinogens	79 mg/m^3	Industrial/Commercial
	Soil Vapor Saturation (C_v^{sat}) Check	420,000 mg/m^3	TACO Appendix A, Table K
J&E7	Attenuation Factor	1.48791E-05	Residential
J&E7	Attenuation Factor	6.65499E-06	Industrial/Commercial
J&E6	Groundwater Remediation Objective	0.16 mg/L	Residential
J&E6	Groundwater Remediation Objective	0.59 mg/L	Industrial/Commercial
	Water Solubility Check (S) Check	1,800 mg/L	TACO Appendix C, Table E

J&E Equation Modeling
Indoor Inhalation Exposure Route

Benzene

J&E1 - Equation for Derivation of Indoor Air Remediation Objective for Carcinogenic Contaminants, $RO_{indoor\ air}$ (mg/m^3)

$$RO_{indoorair} = \frac{TR \bullet AT_c \bullet 365 \frac{days}{year}}{ED \bullet EF \bullet URF \bullet 1{,}000 \frac{\mu g}{mg}}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES	
TR	Target Risk	Dimensionless	Residential	10^{-6}
			Industrial / Commercial	10^{-6}
AT_c	Averaging Time for Carcinogens	Year		70
ED	Exposure Duration	Year	Residential	30
			Industrial / Commercial	25
EF	Exposure Frequency	Day/Year	Residential	350
			Industrial / Commercial	250
URF	Unit Risk Factor	$(\mu g/m^3)^{-1}$	Benzene	0.0000078

Residential $RO_{indoor\ air}$ = 0.000311965812 mg/m^3
Indust/Commercial $RO_{indoor\ air}$ = 0.000524102564 mg/m^3

C_v^{sat} Exceedence Check (value of Indoor Air RO will change if Tier 2 Indoor Air RO is greater than Tier 1 C_v^{sat}):

Residential $RO_{indoor\ air}$ = 0.000312 mg/m^3

Indust/Commercial $RO_{indoor\ air}$ = 0.000524 mg/m^3

J&E4 - Equation for Derivation of Soil Gas Remediation Objective When the Mode of Contaminant Transport is Both Diffusion and Advection, $RO_{soil\ gas}$ (mg/m^3)

$$RO_{soil\ gas} = \frac{RO_{indoor\ air}}{\alpha}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES	
$RO_{indoor\ air}$	Indoor Air Remediation Objective	mg/m^3	Residential	0.000311965812
			Industrial / Commercial	0.000524102564
			Equation J&E 1	
α	Attenuation Factor	unitless	Equation J&E 7	

Input Parameter Values for $RO_{soil\ gas}$ (mg/m^3)

Residential		Industrial/Commercial	
$RO_{indoor\ air}$=	0.000311965812 mg/m3	$RO_{indoor\ air}$=	0.000524102564 mg/m3
α=	8.056168E-05	α=	3.326253E-05
$RO_{soil\ gas}$=	3.872385 mg/m^3	$RO_{soil\ gas}$=	15.756544 mg/m^3

C_v^{sat} Exceedence Check (value of Soil Gas RO will change if Tier 2 Soil Gas RO is greater than Tier 1 C_v^{sat}):

Residential $RO_{soil\ gas}$ = 3.9 mg/m^3

Indust/Commercial $RO_{soil\ gas}$ = 16 mg/m^3

J&E Equation Modeling
Indoor Inhalation Exposure Route

Benzene

J&E7 - Equation for Derivation of Attenuation Factor
When the Mode of Contaminant Transport is Both Diffusion and Advection,
Q_{soil} = 83.33 cm^3/sec)
α (unitless)

$$\alpha = \frac{\left[\left(\frac{D_T^{eff} \times A_B}{Q_{bldg} \times L_T}\right) \times exp\left(\frac{Q_{soil} \times L_{crack}}{D_{crack}^{eff} \times A_{crack}}\right)\right]}{\left[exp\left(\frac{Q_{soil} \times L_{crack}}{D_{crack}^{eff} \times A_{crack}}\right) + \left(\frac{D_T^{eff} \times A_B}{Q_{bldg} \times L_T}\right) + \left(\frac{D_T^{eff} \times A_B}{Q_{soil} \times L_T}\right)\left[exp\left(\frac{Q_{soil} \times L_{crack}}{D_{crack}^{eff} \times A_{crack}}\right) - 1\right]\right]}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
D_T^{eff}	Total Overall Effective Diffusion Coefficient	cm^2/s	Equation J&E 9a
D_{crack}^{eff}	Effective Diffusion Coefficient through the Cracks	cm^2/s	Equation J&E 15
A_B	Surface Area of Enclosed Space at or Below Grade	cm^2	Residential = 1 x 10^6 Industrial/Commercial = 4.0 x 10^6 Appendix C, Table M
A_{crack}	Area of Total Cracks	cm^2	Equation J&E 14
$Q_{building}$	Building Ventilation Rate	cm^3/sec	Residential = 3.59 x 10^4 Industrial/Commercial = 3.15 x 10^5 Appendix C, Table M
Q_{soil}	Volumetric Flow Rate of Soil Gas into the Enclosed Space	cm^3/sec	83.33 Appendix C, Table M
L_T	Distance from Bottom of Slab to Top of Contamination	cm	142.4 or *Site-Specific* Appendix C, Table M
L_{crack}	Slab Thickness	cm	10 Appendix C, Table M

Input Parameter Values for α (unitless)

Residential

D_T^{eff}=	4.266522E-04 cm^2/s	$Q_{building}$=	35,900 cm^3/s
D_{crack}^{eff}=	6.864818E-03 cm^2/s	Q_{soil}=	83.33 cm^3/s
A_B=	1,000,000 cm^2	L_T=	142.4 cm
A_{crack}=	400 cm^2	L_{crack}=	10.0 cm

α= 8.056168E-05

Industrial/Commercial

D_T^{eff}=	4.266522E-04 cm^2/s	$Q_{building}$=	315,000 cm^3/s
D_{crack}^{eff}=	6.864818E-03 cm^2/s	Q_{soil}=	83.33 cm^3/s
A_B=	4,000,000 cm^2	L_T=	142.4 cm
A_{crack}=	800 cm^2	L_{crack}=	10.0 cm

α= 3.326253E-05

Intermediate Calculations:

$\left(\frac{D_T^{eff} \times A_B}{Q_{bldg} \times L_T}\right)$ 8.34583E-05 Residential
3.80464E-05 Industrial/Commercial

$\left(\frac{Q_{soil} \times L_{crack}}{D_{crack}^{eff} \times A_{crack}}\right)$ 3.034676E+02 Residential
1.517338E+02 Industrial/Commercial

$\left(\frac{D_T^{eff} \times A_B}{Q_{soil} \times L_T}\right)$ 0.035955273 Residential
0.143821091 Industrial/Commercial

J&E Equation Modeling
Indoor Inhalation Exposure Route

Benzene

J&E1 - Equation for Derivation of Indoor Air Remediation Objective for Carcinogenic Contaminants, $RO_{indoor\ air}$ (mg/m^3)

$$RO_{indoor\ air} = \frac{TR \bullet AT_c \bullet 365 \frac{days}{year}}{ED \bullet EF \bullet URF \bullet 1{,}000 \frac{\mu g}{mg}}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES	
TR	Target Risk	Dimensionless	Residential	10^{-6}
			Industrial / Commercial	10^{-6}
AT_c	Averaging Time for Carcinogens	Year		70
ED	Exposure Duration	Year	Residential	30
			Industrial / Commercial	25
EF	Exposure Frequency	Day/Year	Residential	350
			Industrial / Commercial	250
URF	Unit Risk Factor	$(\mu g/m^3)^{-1}$	Benzene	0.0000078

Residential $RO_{indoor\ air}$ = 0.000311965812 mg/m^3
Indust/Commercial $RO_{indoor\ air}$ = 0.000524102564 mg/m^3

C_v^{sat} Exceedence Check (value of Indoor Air RO will change if Tier 2 Indoor Air RO is greater than Tier 1 C_v^{sat}):

Residential $RO_{indoor\ air}$ = 0.000312 mg/m^3

Indust/Commercial $RO_{indoor\ air}$ = 0.000524 mg/m^3

J&E4 - Equation for Derivation of Soil Gas Remediation Objective When the Mode of Contaminant Transport is Both Diffusion and Advection, $RO_{soil\ gas}$ (mg/m^3)

$$RO_{soil\ gas} = \frac{RO_{indoor\ air}}{\alpha}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES	
$RO_{indoor\ air}$	Indoor Air Remediation Objective	mg/m^3	Residential	0.000311965812
			Industrial / Commercial	0.000524102564
			Equation J&E 1	
α	Attenuation Factor	unitless	Equation J&E 7	

Input Parameter Values for $RO_{soil\ gas}$ (mg/m^3)

Residential
$RO_{indoor\ air}$= 0.000311965812 mg/m3
α= 1.487908E-05
$RO_{soil\ gas}$= 20.966744 mg/m^3

Industrial/Commercial
$RO_{indoor\ air}$= 0.000524102564 mg/m3
α= 6.654991E-06
$RO_{soil\ gas}$= 78.753306 mg/m^3

C_v^{sat} Exceedence Check (value of Soil Gas RO will change if Tier 2 Soil Gas RO is greater than Tier 1 C_v^{sat}):

Residential $RO_{soil\ gas}$ = 21 mg/m^3

Indust/Commercial $RO_{soil\ gas}$ = 79 mg/m^3

Benzene

J&E7 - Equation for Derivation of Attenuation Factor
When the Mode of Contaminant Transport is Both Diffusion and Advection,
Q_{soil} = 83.33 cm^3/sec)
α (unitless)

$$\alpha = \frac{\left[\left(\frac{D_T^{eff} \times A_B}{Q_{bldg} \times L_T}\right) \times exp\left(\frac{Q_{soil} \times L_{crack}}{D_{crack}^{eff} \times A_{crack}}\right)\right]}{\left[exp\left(\frac{Q_{soil} \times L_{crack}}{D_{crack}^{eff} \times A_{crack}}\right) + \left(\frac{D_T^{eff} \times A_B}{Q_{bldg} \times L_T}\right) + \left(\frac{D_T^{eff} \times A_B}{Q_{soil} \times L_T}\right)\left[exp\left(\frac{Q_{soil} \times L_{crack}}{D_{crack}^{eff} \times A_{crack}}\right) - 1\right]\right]}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
D_T^{eff}	Total Overall Effective Diffusion Coefficient	cm^2/s	Equation J&E 9a
D_{crack}^{eff}	Effective Diffusion Coefficient through the Cracks	cm^2/s	Equation J&E 15
A_B	Surface Area of Enclosed Space at or Below Grade	cm^2	Residential = 1 x 10^6 Industrial/Commercial = 4.0 x 10^6 Appendix C, Table M
A_{crack}	Area of Total Cracks	cm^2	Equation J&E 14
$Q_{building}$	Building Ventilation Rate	cm^3/sec	Residential = 3.59 x 10^4 Industrial/Commercial = 3.15 x 10^5 Appendix C, Table M
Q_{soil}	Volumetric Flow Rate of Soil Gas into the Enclosed Space	cm^3/sec	83.33 Appendix C, Table M
L_T	Distance from Bottom of Slab to Top of Contamination	cm	142.4 or *Site-Specific* Appendix C, Table M
L_{crack}	Slab Thickness	cm	10 Appendix C, Table M

Input Parameter Values for α (unitless)

Residential

D_T^{eff}=	1.584860E-04 cm^2/s	$Q_{building}$=	35,900 cm^3/s
D_{crack}^{eff}=	6.864818E-03 cm^2/s	Q_{soil}=	83.33 cm^3/s
A_B=	1,000,000 cm^2	L_T=	294.8 cm
A_{crack}=	400 cm^2	L_{crack}=	10.0 cm

α= 1.487908E-05

Industrial/Commercial

D_T^{eff}=	1.584860E-04 cm^2/s	$Q_{building}$=	315,000 cm^3/s
D_{crack}^{eff}=	6.864818E-03 cm^2/s	Q_{soil}=	83.33 cm^3/s
A_B=	4,000,000 cm^2	L_T=	294.8 cm
A_{crack}=	800 cm^2	L_{crack}=	10.0 cm

α= 6.654991E-06

Intermediate Calculations:

$\left(\frac{D_T^{eff} \times A_B}{Q_{bldg} \times L_T}\right)$ 1.49751E-05 Residential
6.82673E-06 Industrial/Commercial

$\left(\frac{Q_{soil} \times L_{crack}}{D_{crack}^{eff} \times A_{crack}}\right)$ 3.034676E+02 Residential
1.517338E+02 Industrial/Commercial

$\left(\frac{D_T^{eff} \times A_B}{Q_{soil} \times L_T}\right)$ 0.006451518 Residential
0.025806073 Industrial/Commercial

J&E Equation Modeling
Indoor Inhalation Exposure Route

Benzene

J&E6 - Equation for Derivation of Groundwater Remediation Objective
When the Mode of Contaminant Transport
is Both Diffusion and Advection,
RO_{gw} (mg/L)

$$RO_{gw} = \frac{RO_{soil\ gas}}{H'_{TS} \times 1000 \frac{L}{m^3}}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES	
$RO_{soil\ gas}$	Soil Gas Remediation Objective	mg/m^3	Residential Industrial / Commercial Equation J&E 4	20.966744 78.753306
H'_{TS}	Dimensionless Henry's Law Constant at the System (soil) Temperature 13°C	unitless	Chemical-Specific Benzene 0.134 *TACO Appendix C, Table E*	

Input Parameter Values for RO_{gw} (mg/L)

Residential		Industrial/Commercial	
$RO_{soil\ gas}$=	20.966744 mg/m3	$RO_{soil\ gas}$=	78.753306 mg/m3
H'_{TS}=	0.134	H'_{TS}=	0.134
RO_{gw}=	0.156468 mg/L	RO_{gw}=	0.587711 mg/L

Solubility (s) Exceedence Check (value of Groundwater RO will change if Tier 2 Groundwater RO is greater than Solubility in Water):

Residential RO_{gw} =	**0.16 mg/L**
Indust/Commercial RO_{gw} =	**0.59 mg/L**

Benzene

J&E10 - Equation for Derivation of Source to Building Separation, L_T (cm)

$$L_T = D_{source} - L_F$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
D_{source}	Distance from Ground Surface to Top of Contamination	cm	Soil Gas Contam. = 152.4 GW Contam. = 304.8 *or Site-Specific*
L_F	Distance from Ground Surface to Bottom of Slab	cm	10

INPUT PARAMETERS FOR L_T

D_{source}= 152.4 cm (Soil Gas Contamination) L_F= 10 cm

D_{source}= 304.8 cm (Groundwater Contamination)

D_{source}= 0 cm (Site -Specific)

L_T=	**142.4 cm** (Soil Gas Contamination)
L_T=	**294.8 cm** (GW Contamination)
L_T=	**N/A cm** (Site-Specific)

J&E9b - Sum of the Thickness of the Soil Layers, $\sum L_i$ (cm)

$$\sum_{i=1}^{n} L_i = L_T$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
L_i	Thickness of Soil Layer i	cm	*Site-Specific* For Capillary Fringe = 37.5
L_T	Distance from Bottom of Slab to Top of Contamination	cm	Equation J&E10

Soil Layer 1

L_1=	**142.4 cm** (Soil Gas Contamination)
L_1=	**257.3 cm** (GW Contamination)
L_1=	**N/A cm** (Site-Specific)

Soil Layer 2 - *Capillary Fringe*

L_2=	**0.0 cm** (Soil Gas Contamination)
L_2=	**37.5 cm** (GW Contamination)
L_2=	**N/A cm** (Site-Specific)

J&E9a - Equation for Derivation of Total Overall Effective Diffusion Coefficient for Vapor Transport in Porous Media for Multiple Soil Layers,

$$D_T^{eff} = \frac{L_T}{\sum_{i=1}^{n} L_i / D_i^{eff}}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
L_T	Distance from Bottom of Slab to Top of Contamination	cm	142.4 or *Site-Specific* (Equation J&E10)
L_i	Thickness of Soil Layer i	cm	*Site-Specific* For Capillary Fringe = 37.5
D_i^{eff}	Effective Diffusion Coefficient for Each Soil Layer i	cm^2/sec	Equation J&E11

Input Parameter Values for Derivation of Total Overall Effective Diffusion Coefficient, D_T^{eff} (cm^2/s)

L_T= 142.4 cm (Soil Gas Contamination)

L_T= 294.8 cm (GW Contamination)

L_T= N/A cm (Site Specific)

Soil Layer 1:

L_1= 142.4 cm (Soil Gas Contam.) D_1^{eff}= 4.266522E-04 cm^2/s

L_1= 257.3 cm (GW Contam.) D_1^{eff}= 4.266522E-04 cm^2/s

L_1= N/A cm (Site Specific) D_1^{eff}= 4.266522E-04 cm^2/s

Soil Layer 2:

L_1= 0.0 cm (Soil Gas Contam.) D_1^{eff}= 2.983212E-05 cm^2/s

L_1= 37.5 cm (GW Contam.) D_1^{eff}= 2.983212E-05 cm^2/s

L_1= N/A cm (Site Specific) D_1^{eff}= 2.983212E-05 cm^2/s

$\sum L_i/D_i^{eff}$=	3.3376134E+05	cm^2/s (Soil Gas Contamination)
$\sum L_i/D_i^{eff}$=	1.8601017E+06	cm^2/s (GW Contamination)
$\sum L_i/D_i^{eff}$=	#VALUE!	cm^2/s (Site Specific)

D_T^{eff}=	4.266522E-04	cm^2/s (Soil Gas Contamination)
D_T^{eff}=	1.584860E-04	cm^2/s (GW Contamination)
D_T^{eff}=	#VALUE!	cm^2/s (Site Specific)

Benzene

J&E11 - Equation for Derivation of Effective Diffusion Coefficient for Each Soil Layer, D_i^{eff} (cm^2/s)

$$D_i^{eff} = D_i \left(\frac{\theta_{a,i}^{3.33}}{\theta_{T,i}^2}\right) + \left(\frac{D_w}{H'_{TS}}\right)\left(\frac{\theta_{w,i}^{3.33}}{\theta_{T,i}^2}\right)$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
D_i	Diffusivity in Air	cm^2/s	Chemical-Specific Benzene 0.088
$\theta_{a,i}$	Air-Filled Porosity of Soil Layer i	cm^3/cm^3	0.13 Appendix C, Table M or Calculated Value from J&E 18 For Capillary Fringe = $0.1\theta_{T,i}$
$\theta_{T,i}$	Total Porosity of Soil Layer i	cm^3/cm^3	0.43 Appendix C, Table M or Calculated Value from J&E 16
D_w	Diffusivity in Water	cm^2/s	Chemical-Specific Benzene 0.0000102
H'_{TS}	Henry's Law Constant @ the System Temperature 13°C	unitless	Chemical-Specific Benzene 0.134
$\theta_{w,i}$	Water-Filled Porosity of Soil Layer i	cm^3/cm^3	0.15 Appendix C, Table M or Calculated Value from J&E 17 For Capillary Fringe = 0.375 or 0.9T,i

Input Parameter Values for Derivation of Effective Diffusion Coefficient for Each Soil Layer, D_i^{eff} (cm^2/s)

Layer 1

$\theta_{a,1}$=	0.119 cm^3/cm^3	D_i=	0.0880 cm^2/s
$\theta_{w,1}$=	0.300 cm^3/cm^3	D_w=	0.0000102 cm^2/s
$\theta_{T,1}$=	0.419 cm^3/cm^3	H'_{TS}=	0.134

D_1^{eff}= 4.266522E-04 cm^2/s

Layer 2 (Capillary Fringe)

$\theta_{a,2}$=	0.042 cm^3/cm^3	D_i=	0.0880 cm^2/s
$\theta_{w,2}$=	0.377 cm^3/cm^3	D_w=	0.0000102 cm^2/s
$\theta_{T,2}$=	0.419 cm^3/cm^3	H'_{TS}=	0.134

D_2^{eff}= 2.983212E-05 cm^2/s

J&E Equation Modeling
Indoor Inhalation Exposure Route

Benzene

J&E14 - Equation for Derivation of Surface Area of Enclosed Space At or Below Grade, A_{crack} (cm^2)

$$A_{crack} = 2 \cdot (L_B + W_B) \cdot w$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
L_B	Length of Building	cm	Residential = 1,000 Indust./Comm. = 2,000 *or Site-Specific in Tier 3* Appendix C, Table M
W_B	Width of Building	cm	Residential = 1,000 Indust./Comm. = 2,000 *or Site-Specific in Tier 3* Appendix C, Table M
w	Floor-Wall Seam Gap	cm	0.1 Appendix C, Table M

INPUT PARAMETERS FOR A_B

L_B=	1,000 cm (Residential)	L_B=	0 cm (Site -Specific)
L_B=	2,000 cm (Indust./Comm.)	W_B=	0 cm (Site -Specific)
W_B=	1,000 cm (Residential)	w=	0.1 cm
W_B=	2,000 cm (Indust./Comm.)		

A_{crack}=	**400 cm^2 (Residential)**
A_{crack}=	**800 cm^2 (Indust./Comm.)**
A_{crack}=	**N/A cm^2 (Site-Specific)**

J&E15 - Equation for Derivation of Effective Diffusion Coefficient through the Cracks, D_{crack}^{eff} (cm^2/s)

$$D_{crack}^{eff} = D_i \left(\frac{\theta_{a,crack}^{3.33}}{\theta_{T,crack}^{2}}\right) + \left(\frac{D_w}{H'^{\square}_{TS}}\right)\left(\frac{\theta_{w,crack}^{3.33}}{\theta_{T,crack}^{2}}\right)$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
D_i	Diffusivity in Air	cm^2/s	Chemical-Specific Benzene 0.088
$\theta_{a,crack}$	Air-Filled Porosity for Soil in Cracks	cm^3/cm^3	0.13 Appendix C, Table M (or 0.28 IEPA corrected value)
$\theta_{T,crack}$	Total Porosity for Soil in Cracks	cm^3/cm^3	0.43 Appendix C, Table M
D_w	Diffusivity in Water	cm^2/s	Chemical-Specific Benzene 0.0000102
H'_{TS}	Henry's Law Constant @ the System Temperature 13°C	unitless	Chemical-Specific Benzene 0.134
$\theta_{w,crack}$	Water-Filled Porosity for Soil in Cracks	cm^3/cm^3	0.15 Appendix C, Table M

Input Parameter Values for Derivation of Effective Diffusion Coefficient through the Cracks, D_{crack}^{eff} (cm^2/s)

$\theta_{a,crack}$=	0.28 cm^3/cm^3	D_i=	0.0880 cm^2/s
$\theta_{w,crack}$=	0.15 cm^3/cm^3	D_w=	0.0000102 cm^2/s
θ_{Tcrack}=	0.43 cm^3/cm^3	H'_{TS}=	0.134

D_{crack}^{eff}=	**6.86482E-03 cm^2/s**

J&E Equation Modeling
Indoor Inhalation Exposure Route

Benzene

J&E16 - Equation for Derivation of Total Soil Porosity, θ_{Ti} (cm^3/cm^3)

$$\theta_{Ti} = 1 - \frac{\rho_b}{\rho_s}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
ρ_b	Dry Soil Bulk Density	g/cm^3	Site-Specific Value
ρ_s	Soil Particle Density	g/cm^3	Site-Specific Value

INPUT PARAMETERS FOR θ_T

Soil Layer 1		Soil Layer 2 (Capillary Fringe)	
$\rho_{b,1}$=	1.50901 g/cm^3	$\rho_{b,2}$=	1.50901 g/cm^3
$\rho_{s,1}$=	2.599 g/cm^3	$\rho_{s,2}$=	2.599 g/cm^3

$\theta_{T,1}$=	**0.419 cm^3/cm^3**
$\theta_{T,2}$=	**0.419 cm^3/cm^3**

J&E17 - Equation for Derivation of Water-Filled Soil Porosity, θ_w (cm^3/cm^3)

$$\theta_w = W \cdot \frac{\rho_b}{\rho_w}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
W	Moisture Content	g_{water} / g_{soil}	Site-Specific Value
ρ_b	Dry Soil Bulk Density	g/cm^3	Site-Specific Value
ρ_w	Density of Water	g/cm^3	1 Appendix C, Table M

INPUT PARAMETERS FOR θ_w

W_1=	0.20 g_{water} / g_{soil}	$\rho_{b,1}$=	1.50901 g/cm^3
		ρ_w=	1 g/cm^3

$\theta_{w,1}$=	**0.300 L_{water}/L_{soil}**	
$\theta_{w,2}$=	**0.377 L_{water}/L_{soil}**	for capillary fringe = 0.9 x θ_{T2}

J&E18 - Equation for Derivation of Air-Filled Soil Porosity, θ_a (cm^3/cm^3)

$$\theta_a = \theta_T - \theta_w$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
θ_T	Total Soil Porosity	cm^3/cm^3	Calculated Value Equation J&E16 in TACO
θ_w	Water-Filled Soil Porosity	cm^3/cm^3	Calculated Value Equation J&E17 in TACO

INPUT PARAMETERS FOR θ_a

$\theta_{T,1}$=	0.419 g/cm^3	$\theta_{w,1}$=	0.300 g/cm^3

$\theta_{a,1}$=	**0.119 L_{air}/L_{soil}**	
$\theta_{a,2}$=	**0.042 L_{water}/L_{soil}**	for capillary fringe = 0.1 x θ_{T2}

J&E Equation Modeling
Indoor Inhalation Exposure Route

Benzene

J&E12a - Equation for Derivation of Surface Area of Enclosed Space At or Below Grade, A_B (cm^2)
(for a building with a full concrete slab-on-grade)

$$A_B = L_B \cdot W_B$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
L_B	Length of Building	cm	Residential = 1,000 Indust./Comm. = 2,000 *or Site-Specific in Tier 3* Appendix C, Table M
W_B	Width of Building	cm	Residential = 1,000 Indust./Comm. = 2,000 *or Site-Specific in Tier 3* Appendix C, Table M

INPUT PARAMETERS FOR A_B

L_B= 1,000 cm (Residential)
L_B= 2,000 cm (Industrial/Commercial)
W_B= 1,000 cm (Residential)
W_B= 2,000 cm (Industrial/Commercial)

L_B= 0 cm (Site -Specific)
W_B= 0 cm (Site -Specific)

A_B=	**1,000,000 cm^2 (Residential)**
A_B=	**4,000,000 cm^2 (Indust./Comm.)**
A_B=	**N/A cm^2 (Site-Specific)**

J&E Equation Modeling
Indoor Inhalation Exposure Route

Benzene

J&E13 - Equation for Derivation of Building Ventilation Rate, Q_{bldg} (cm^3/s)

$$Q_{bldg} = \left(\frac{L_B \cdot W_B \cdot H_B \cdot ER}{3600\frac{sec}{hr}}\right)$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
L_B	Length of Building	cm	Residential = 1,000 Indust./Comm. = 2,000 *or Site-Specific in Tier 3* Appendix C, Table M
W_B	Width of Building	cm	Residential = 1,000 Indust./Comm. = 2,000 *or Site-Specific in Tier 3* Appendix C, Table M
H_B	Height of Building	cm	Residential = 244 Indust./Comm. = 305 *or Site-Specific in Tier 3* Appendix C, Table M
ER	Air Exchange Rate	exchanges per hour	Residential = 0.53 Indust./Comm. = 0.93 Appendix C, Table M

INPUT PARAMETERS FOR A_B

L_B=	1,000 cm (Residential)	H_B=	244 cm (Residential)
L_B=	2,000 cm (Industrial/Commercial)	H_B=	305 cm (Industrial/Commercial)
L_B=	0 cm (Site -Specific)	H_B=	0 cm (Site -Specific)
W_B=	1,000 cm (Residential)	ER=	0.53 cm (Residential)
W_B=	2,000 cm (Industrial/Commercial)	ER=	0.93 cm (Industrial/Commercial)
W_B=	0 cm (Site -Specific)		

$Q_{building}$=	**35,900 cm (Residential)**
$Q_{building}$=	**315,000 cm (Indust./Comm.)**
$Q_{building}$=	**N/A cm (Site-Specific - Residential)**
$Q_{building}$=	**N/A cm (Site-Specific - Industrial/Commercial)**

J&E Equation Modeling
Indoor Inhalation Exposure Route

Ethylbenzene

Site Name: Qik-N-EZ - Peoria Road
Site City: Sprilngfield, IL

Contaminant of Concern: **Ethylbenzene**
Exposure Scenario: Advection & Diffusion (Q_{soil} = 83.33) - Residential & Industrial/Commercial
# of Soil Layers: 2 (soil layer 2 = capillary fringe)

Site-Specific Soil Properties

Soil Class: Silt Loam	Layer 1	Layer 2	
Moisture Content (W):	0.199	0.199	g_{water} / g_{soil}
Dry Bulk Density (ρ_b):	1.50901	1.50901	g/cm^3
Soil Particle Density (ρ_s):	2.599	2.599	g/cm^3

Contaminant of Concern Properties

Diffusivity in Air (D_i)	0.0750 cm^2/s	TACO Appendix C, Table E
Diffusivity in Water (D_w)	0.0000078 cm^2/s	TACO Appendix C, Table E
Henry's Law Constant (H'_{TS})	0.16400 @ the System Temperature 13°C	TACO Appendix C, Table E
Unit Risk Factor (URF)	0.00000250 $(\mu g/m^3)^{-1}$	IEPA Toxicity Values for Tier 2 and Tier 3 Calculations
Solubility in Water (S)	170 mg/L	TACO Appendix C, Table E
Soil Vapor Saturation Limit (C_v^{sat})	59,000 mg/m^3	TACO Appendix A, Table K

Modeling Results - *Soil Gas Contamination*

J&E1	Indoor Air Remediation Objective - Carcinogens	0.000973 mg/m^3	Residential
J&E1	Indoor Air Remediation Objective - Carcinogens	0.001635 mg/m^3	Industrial/Commercial
J&E4	Soil Gas Remediation Objective - Carcinogens	14 mg/m^3	Residential
J&E4	Soil Gas Remediation Objective - Carcinogens	57 mg/m^3	Industrial/Commercial
	Soil Vapor Saturation (C_v^{sat}) Check	59,000 mg/m^3	TACO Appendix A, Table K
J&E7	Attenuation Factor	6.86843E-05	Residential
J&E7	Attenuation Factor	2.87584E-05	Industrial/Commercial

Modeling Results - *Groundwater Contamination*

J&E1	Indoor Air Remediation Objective - Carcinogens	0.000973 mg/m^3	Residential
J&E1	Indoor Air Remediation Objective - Carcinogens	0.001635 mg/m^3	Industrial/Commercial
J&E4	Soil Gas Remediation Objective - Carcinogens	86 mg/m^3	Residential
J&E4	Soil Gas Remediation Objective - Carcinogens	320 mg/m^3	Industrial/Commercial
	Soil Vapor Saturation (C_v^{sat}) Check	59,000 mg/m^3	TACO Appendix A, Table K
J&E7	Attenuation Factor	1.13221E-05	Residential
J&E7	Attenuation Factor	5.08701E-06	Industrial/Commercial
J&E6	Groundwater Remediation Objective	0.52 mg/L	Residential
J&E6	Groundwater Remediation Objective	2.0 mg/L	Industrial/Commercial
	Water Solubility Check (S) Check	170 mg/L	TACO Appendix C, Table E

J&E Equation Modeling
Indoor Inhalation Exposure Route

Ethylbenzene

J&E1 - Equation for Derivation of Indoor Air Remediation Objective for Carcinogenic Contaminants, $RO_{indoor\ air}$ (mg/m^3)

$$RO_{indoorair} = \frac{TR \bullet AT_c \bullet 365 \frac{days}{year}}{ED \bullet EF \bullet URF \bullet 1{,}000 \frac{\mu g}{mg}}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES	
TR	Target Risk	Dimensionless	Residential	10^{-6}
			Industrial / Commercial	10^{-6}
AT_c	Averaging Time for Carcinogens	Year		70
ED	Exposure Duration	Year	Residential	30
			Industrial / Commercial	25
EF	Exposure Frequency	Day/Year	Residential	350
			Industrial / Commercial	250
URF	Unit Risk Factor	$(\mu g/m^3)^{-1}$	Ethylbenzene	0.0000025

Residential $RO_{indoor\ air}$ = 0.000973333333 mg/m^3
Indust/Commercial $RO_{indoor\ air}$ = 0.001635200000 mg/m^3

C_v^{sat} Exceedence Check (value of Indoor Air RO will change if Tier 2 Indoor Air RO is greater than Tier 1 C_v^{sat}):

Residential $RO_{indoor\ air}$ =	**0.000973 mg/m^3**
Indust/Commercial $RO_{indoor\ air}$ =	**0.001635 mg/m^3**

J&E4 - Equation for Derivation of Soil Gas Remediation Objective When the Mode of Contaminant Transport is Both Diffusion and Advection, $RO_{soil\ gas}$ (mg/m^3)

$$RO_{soil\ gas} = \frac{RO_{indoor\ air}}{\alpha}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES	
$RO_{indoor\ air}$	Indoor Air Remediation Objective	mg/m^3	Residential	0.000973333333
			Industrial / Commercial	0.001635200000
			Equation J&E 1	
α	Attenuation Factor	unitless	Equation J&E 7	

Input Parameter Values for $RO_{soil\ gas}$ (mg/m^3)

Residential		**Industrial/Commercial**	
$RO_{indoor\ air}$=	0.000973333333 mg/m3	$RO_{indoor\ air}$=	0.001635200000 mg/m3
α=	6.868429E-05	α=	2.875840E-05
$RO_{soil\ gas}$=	14.171119 mg/m^3	$RO_{soil\ gas}$=	56.859908 mg/m^3

C_v^{sat} Exceedence Check (value of Soil Gas RO will change if Tier 2 Soil Gas RO is greater than Tier 1 C_v^{sat}):

Residential $RO_{soil\ gas}$ =	**14 mg/m^3**
Indust/Commercial $RO_{soil\ gas}$ =	**57 mg/m^3**

Ethylbenzene

J&E7 - Equation for Derivation of Attenuation Factor
When the Mode of Contaminant Transport is Both Diffusion and Advection,
Q_{soil} = 83.33 cm^3/sec)
α (unitless)

$$\alpha = \frac{\left[\left(\frac{D_T^{eff} \times A_B}{Q_{bldg} \times L_T}\right) \times exp\left(\frac{Q_{soil} \times L_{crack}}{D_{crack}^{eff} \times A_{crack}}\right)\right]}{\left[exp\left(\frac{Q_{soil} \times L_{crack}}{D_{crack}^{eff} \times A_{crack}}\right) + \left(\frac{D_T^{eff} \times A_B}{Q_{bldg} \times L_T}\right) + \left(\frac{D_T^{eff} \times A_B}{Q_{soil} \times L_T}\right)\left[exp\left(\frac{Q_{soil} \times L_{crack}}{D_{crack}^{eff} \times A_{crack}}\right) - 1\right]\right]}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
D_T^{eff}	Total Overall Effective Diffusion Coefficient	cm^2/s	Equation J&E 9a
D_{crack}^{eff}	Effective Diffusion Coefficient through the Cracks	cm^2/s	Equation J&E 15
A_B	Surface Area of Enclosed Space at or Below Grade	cm^2	Residential = 1 x 10^6 Industrial/Commercial = 4.0 x 10^6 Appendix C, Table M
A_{crack}	Area of Total Cracks	cm^2	Equation J&E 14
$Q_{building}$	Building Ventilation Rate	cm^3/sec	Residential = 3.59 x 10^4 Industrial/Commercial = 3.15 x 10^5 Appendix C, Table M
Q_{soil}	Volumetric Flow Rate of Soil Gas into the Enclosed Space	cm^3/sec	83.33 Appendix C, Table M
L_T	Distance from Bottom of Slab to Top of Contamination	cm	142.4 or *Site-Specific* Appendix C, Table M
L_{crack}	Slab Thickness	cm	10 Appendix C, Table M

Input Parameter Values for α (unitless)

Residential

D_T^{eff}=	3.618318E-04 cm^2/s	$Q_{building}$=	35,900 cm^3/s
D_{crack}^{eff}=	5.850528E-03 cm^2/s	Q_{soil}=	83.33 cm^3/s
A_B=	1,000,000 cm^2	L_T=	142.4 cm
A_{crack}=	400 cm^2	L_{crack}=	10.0 cm

α= 6.868429E-05

Industrial/Commercial

D_T^{eff}=	3.618318E-04 cm^2/s	$Q_{building}$=	315,000 cm^3/s
D_{crack}^{eff}=	5.850528E-03 cm^2/s	Q_{soil}=	83.33 cm^3/s
A_B=	4,000,000 cm^2	L_T=	142.4 cm
A_{crack}=	800 cm^2	L_{crack}=	10.0 cm

α= 2.875840E-05

Intermediate Calculations:

$\left(\frac{D_T^{eff} \times A_B}{Q_{bldg} \times L_T}\right)$ 7.07787E-05 Residential
3.22661E-05 Industrial/Commercial

$\left(\frac{Q_{soil} \times L_{crack}}{D_{crack}^{eff} \times A_{crack}}\right)$ 3.560790E+02 Residential
1.780395E+02 Industrial/Commercial

$\left(\frac{D_T^{eff} \times A_B}{Q_{soil} \times L_T}\right)$ 0.030492667 Residential
0.121970668 Industrial/Commercial

J&E Equation Modeling
Indoor Inhalation Exposure Route

Ethylbenzene

J&E1 - Equation for Derivation of Indoor Air Remediation Objective for Carcinogenic Contaminants, $RO_{indoor\ air}$ (mg/m^3)

$$RO_{indoor air} = \frac{TR \bullet AT_c \bullet 365 \frac{days}{year}}{ED \bullet EF \bullet URF \bullet 1{,}000 \frac{\mu g}{mg}}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES	
TR	Target Risk	Dimensionless	Residential	10^{-6}
			Industrial / Commercial	10^{-6}
AT_c	Averaging Time for Carcinogens	Year		70
ED	Exposure Duration	Year	Residential	30
			Industrial / Commercial	25
EF	Exposure Frequency	Day/Year	Residential	350
			Industrial / Commercial	250
URF	Unit Risk Factor	$(\mu g/m^3)^{-1}$	Ethylbenzene	0.0000025

Residential $RO_{indoor\ air}$ = 0.000973333333 mg/m^3
Indust/Commercial $RO_{indoor\ air}$ = 0.001635200000 mg/m^3

C_v^{sat} Exceedence Check (value of Indoor Air RO will change if Tier 2 Indoor Air RO is greater than Tier 1 C_v^{sat}):

Residential $RO_{indoor\ air}$ = 0.000973 mg/m^3

Indust/Commercial $RO_{indoor\ air}$ = 0.001635 mg/m^3

J&E4 - Equation for Derivation of Soil Gas Remediation Objective When the Mode of Contaminant Transport is Both Diffusion and Advection, $RO_{soil\ gas}$ (mg/m^3)

$$RO_{soil\ gas} = \frac{RO_{indoor\ air}}{\alpha}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES	
$RO_{indoor\ air}$	Indoor Air Remediation Objective	mg/m^3	Residential	0.000973333333
			Industrial / Commercial	0.001635200000
			Equation J&E 1	
α	Attenuation Factor	unitless	Equation J&E 7	

Input Parameter Values for $RO_{soil\ gas}$ (mg/m^3)

	Residential		Industrial/Commercial	
$RO_{indoor\ air}$=	0.000973333333	mg/m3	0.001635200000	mg/m3
α=	1.132211E-05		5.087006E-06	
$RO_{soil\ gas}$=	85.967473	mg/m^3	321.446471	mg/m^3

C_v^{sat} Exceedence Check (value of Soil Gas RO will change if Tier 2 Soil Gas RO is greater than Tier 1 C_v^{sat}):

Residential $RO_{soil\ gas}$ = 86 mg/m^3

Indust/Commercial $RO_{soil\ gas}$ = 320 mg/m^3

Ethylbenzene

J&E7 - Equation for Derivation of Attenuation Factor
When the Mode of Contaminant Transport is Both Diffusion and Advection,
Q_{soil} = 83.33 cm^3/sec)
α (unitless)

$$\alpha = \frac{\left[\left(\frac{D_T^{eff} \times A_B}{Q_{bldg} \times L_T}\right) \times exp\left(\frac{Q_{soil} \times L_{crack}}{D_{crack}^{eff} \times A_{crack}}\right)\right]}{\left[exp\left(\frac{Q_{soil} \times L_{crack}}{D_{crack}^{eff} \times A_{crack}}\right) + \left(\frac{D_T^{eff} \times A_B}{Q_{bldg} \times L_T}\right) + \left(\frac{D_T^{eff} \times A_B}{Q_{soil} \times L_T}\right)\left[exp\left(\frac{Q_{soil} \times L_{crack}}{D_{crack}^{eff} \times A_{crack}}\right) - 1\right]\right]}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
D_T^{eff}	Total Overall Effective Diffusion Coefficient	cm^2/s	Equation J&E 9a
D_{crack}^{eff}	Effective Diffusion Coefficient through the Cracks	cm^2/s	Equation J&E 15
A_B	Surface Area of Enclosed Space at or Below Grade	cm^2	Residential = 1 x 10^6 Industrial/Commercial = 4.0 x 10^6 Appendix C, Table M
A_{crack}	Area of Total Cracks	cm^2	Equation J&E 14
$Q_{building}$	Building Ventilation Rate	cm^3/sec	Residential = 3.59 x 10^4 Industrial/Commercial = 3.15 x 10^5 Appendix C, Table M
Q_{soil}	Volumetric Flow Rate of Soil Gas into the Enclosed Space	cm^3/sec	83.33 Appendix C, Table M
L_T	Distance from Bottom of Slab to Top of Contamination	cm	142.4 or *Site-Specific* Appendix C, Table M
L_{crack}	Slab Thickness	cm	10 Appendix C, Table M

Input Parameter Values for α (unitless)

Residential

D_T^{eff}=	1.204129E-04 cm^2/s	$Q_{building}$=	35,900 cm^3/s
D_{crack}^{eff}=	5.850528E-03 cm^2/s	Q_{soil}=	83.33 cm^3/s
A_B=	1,000,000 cm^2	L_T=	294.8 cm
A_{crack}=	400 cm^2	L_{crack}=	10.0 cm

α= 1.132211E-05

Industrial/Commercial

D_T^{eff}=	1.204129E-04 cm^2/s	$Q_{building}$=	315,000 cm^3/s
D_{crack}^{eff}=	5.850528E-03 cm^2/s	Q_{soil}=	83.33 cm^3/s
A_B=	4,000,000 cm^2	L_T=	294.8 cm
A_{crack}=	800 cm^2	L_{crack}=	10.0 cm

α= 5.087006E-06

Intermediate Calculations:

$\left(\frac{D_T^{eff} \times A_B}{Q_{bldg} \times L_T}\right)$ 1.13776E-05 Residential
5.18674E-06 Industrial/Commercial

$\left(\frac{Q_{soil} \times L_{crack}}{D_{crack}^{eff} \times A_{crack}}\right)$ 3.560790E+02 Residential
1.780395E+02 Industrial/Commercial

$\left(\frac{D_T^{eff} \times A_B}{Q_{soil} \times L_T}\right)$ 0.00490167 Residential
0.01960668 Industrial/Commercial

J&E Equation Modeling
Indoor Inhalation Exposure Route

Ethylbenzene

J&E6 - Equation for Derivation of Groundwater Remediation Objective
When the Mode of Contaminant Transport
is Both Diffusion and Advection,
RO_{gw} (mg/L)

$$RO_{gw} = \frac{RO_{soil\ gas}}{H'_{TS} \times 1000 \frac{L}{m^3}}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES	
$RO_{soil\ gas}$	Soil Gas Remediation Objective	mg/m^3	Residential Industrial / Commercial Equation J&E 4	85.967473 320.000000
H'_{TS}	Dimensionless Henry's Law Constant at the System (soil) Temperature 13°C	unitless	Chemical-Specific Ethylbenzene 0.164 *TACO Appendix C, Table E*	

Input Parameter Values for RO_{gw} (mg/L)

Residential		Industrial/Commercial	
$RO_{soil\ gas}$=	85.967473 mg/m3	$RO_{soil\ gas}$=	320.000000 mg/m3
H'_{TS}=	0.164	H'_{TS}=	0.164
RO_{gw}=	0.524192 mg/L	RO_{gw}=	1.951220 mg/L

Solubility (s) Exceedence Check (value of Groundwater RO will change if Tier 2 Groundwater RO is greater than Solubility in Water):

Residential RO_{gw} =	**0.52 mg/L**
Indust/Commercial RO_{gw} =	**2.0 mg/L**

Ethylbenzene

J&E10 - Equation for Derivation of Source to Building Separation, L_T (cm)

$$L_T = D_{source} - L_F$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
D_{source}	Distance from Ground Surface to Top of Contamination	cm	Soil Gas Contam. = 152.4 GW Contam. = 304.8 *or Site-Specific*
L_F	Distance from Ground Surface to Bottom of Slab	cm	10

INPUT PARAMETERS FOR L_T

D_{source}= 152.4 cm (Soil Gas Contamination) L_F= 10 cm

D_{source}= 304.8 cm (Groundwater Contamination)

D_{source}= 0 cm (Site -Specific)

L_T=	**142.4 cm** (Soil Gas Contamination)
L_T=	**294.8 cm** (GW Contamination)
L_T=	**N/A cm** (Site-Specific)

J&E9b - Sum of the Thickness of the Soil Layers, $\sum L_i$ (cm)

$$\sum_{i=1}^{n} L_i = L_T$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
L_i	Thickness of Soil Layer i	cm	*Site-Specific* For Capillary Fringe = 37.5
L_T	Distance from Bottom of Slab to Top of Contamination	cm	Equation J&E10

Soil Layer 1

L_1=	**142.4 cm** (Soil Gas Contamination)
L_1=	**257.3 cm** (GW Contamination)
L_1=	**N/A cm** (Site-Specific)

Soil Layer 2 - *Capillary Fringe*

L_2=	**0.0 cm** (Soil Gas Contamination)
L_2=	**37.5 cm** (GW Contamination)
L_2=	**N/A cm** (Site-Specific)

J&E9a - Equation for Derivation of Total Overall Effective Diffusion Coefficient for Vapor Transport in Porous Media for Multiple Soil Layers,

$$D_T^{eff} = \frac{L_T}{\sum_{i=1}^{n} L_i / D_i^{eff}}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
L_T	Distance from Bottom of Slab to Top of Contamination	cm	142.4 or *Site-Specific* (Equation J&E10)
L_i	Thickness of Soil Layer i	cm	*Site-Specific* For Capillary Fringe = 37.5
D_i^{eff}	Effective Diffusion Coefficient for Each Soil Layer i	cm^2/sec	Equation J&E11

Input Parameter Values for Derivation of Total Overall Effective Diffusion Coefficient, D_T^{eff} (cm^2/s)

L_T= 142.4 cm (Soil Gas Contamination)

L_T= 294.8 cm (GW Contamination)

L_T= N/A cm (Site Specific)

Soil Layer 1:

L_1= 142.4 cm (Soil Gas Contam.) D_1^{eff}= 3.618318E-04 cm^2/s

L_1= 257.3 cm (GW Contam.) D_1^{eff}= 3.618318E-04 cm^2/s

L_1= N/A cm (Site Specific) D_1^{eff}= 3.618318E-04 cm^2/s

Soil Layer 2:

L_1= 0.0 cm (Soil Gas Contam.) D_1^{eff}= 2.158721E-05 cm^2/s

L_1= 37.5 cm (GW Contam.) D_1^{eff}= 2.158721E-05 cm^2/s

L_1= N/A cm (Site Specific) D_1^{eff}= 2.158721E-05 cm^2/s

$\sum L_i/D_i^{eff}$=	3.9355298E+05	cm^2/s (Soil Gas Contamination)
$\sum L_i/D_i^{eff}$=	2.4482432E+06	cm^2/s (GW Contamination)
$\sum L_i/D_i^{eff}$=	#VALUE!	cm^2/s (Site Specific)

D_T^{eff}=	3.618318E-04	cm^2/s (Soil Gas Contamination)
D_T^{eff}=	1.204129E-04	cm^2/s (GW Contamination)
D_T^{eff}=	#VALUE!	cm^2/s (Site Specific)

Ethylbenzene

J&E11 - Equation for Derivation of Effective Diffusion Coefficient for Each Soil Layer, D_i^{eff} (cm^2/s)

$$D_i^{eff} = D_i \left(\frac{\theta_{a,i}^{3.33}}{\theta_{T,i}^2}\right) + \left(\frac{D_w}{H'_{TS}}\right)\left(\frac{\theta_{w,i}^{3.33}}{\theta_{T,i}^2}\right)$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
D_i	Diffusivity in Air	cm^2/s	Chemical-Specific Ethylbenzene 0.075
$\theta_{a,i}$	Air-Filled Porosity of Soil Layer i	cm^3/cm^3	0.13 Appendix C, Table M or Calculated Value from J&E 18 For Capillary Fringe = $0.1\theta_{T,i}$
$\theta_{T,i}$	Total Porosity of Soil Layer i	cm^3/cm^3	0.43 Appendix C, Table M or Calculated Value from J&E 16
D_w	Diffusivity in Water	cm^2/s	Chemical-Specific Ethylbenzene 0.0000078
H'_{TS}	Henry's Law Constant @ the System Temperature 13°C	unitless	Chemical-Specific Ethylbenzene 0.164
$\theta_{w,i}$	Water-Filled Porosity of Soil Layer i	cm^3/cm^3	0.15 Appendix C, Table M or Calculated Value from J&E 17 For Capillary Fringe = 0.375 or 0.9T,i

Input Parameter Values for Derivation of Effective Diffusion Coefficient for Each Soil Layer, D_i^{eff} (cm^2/s)

Layer 1

$\theta_{a,1}$=	0.119 cm^3/cm^3	D_i=	0.0750 cm^2/s
$\theta_{w,1}$=	0.300 cm^3/cm^3	D_w=	0.0000078 cm^2/s
$\theta_{T,1}$=	0.419 cm^3/cm^3	H'_{TS}=	0.164

D_1^{eff}= 3.618318E-04 cm^2/s

Layer 2 (Capillary Fringe)

$\theta_{a,2}$=	0.042 cm^3/cm^3	D_i=	0.0750 cm^2/s
$\theta_{w,2}$=	0.377 cm^3/cm^3	D_w=	0.0000078 cm^2/s
$\theta_{T,2}$=	0.419 cm^3/cm^3	H'_{TS}=	0.164

D_2^{eff}= 2.158721E-05 cm^2/s

J&E Equation Modeling
Indoor Inhalation Exposure Route

Ethylbenzene

J&E14 - Equation for Derivation of Surface Area of Enclosed Space At or Below Grade, A_{crack} (cm^2)

$$A_{crack} = 2 \cdot (L_B + W_B) \cdot w$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
L_B	Length of Building	cm	Residential = 1,000 Indust./Comm. = 2,000 *or Site-Specific in Tier 3* Appendix C, Table M
W_B	Width of Building	cm	Residential = 1,000 Indust./Comm. = 2,000 *or Site-Specific in Tier 3* Appendix C, Table M
w	Floor-Wall Seam Gap	cm	0.1 Appendix C, Table M

INPUT PARAMETERS FOR A_B

L_B=	1,000 cm (Residential)	L_B=	0 cm (Site -Specific)
L_B=	2,000 cm (Indust./Comm.)	W_B=	0 cm (Site -Specific)
W_B=	1,000 cm (Residential)	w=	0.1 cm
W_B=	2,000 cm (Indust./Comm.)		

A_{crack}=	**400 cm^2 (Residential)**
A_{crack}=	**800 cm^2 (Indust./Comm.)**
A_{crack}=	**N/A cm^2 (Site-Specific)**

J&E15 - Equation for Derivation of Effective Diffusion Coefficient through the Cracks, D_{crack}^{eff} (cm^2/s)

$$D_{crack}^{eff} = D_i \left(\frac{\theta_{a,crack}^{3.33}}{\theta_{T,crack}^2}\right) + \left(\frac{D_w}{H'^{\square}_{TS}}\right)\left(\frac{\theta_{w,crack}^{3.33}}{\theta_{T,crack}^2}\right)$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
D_i	Diffusivity in Air	cm^2/s	Chemical-Specific Ethylbenzene 0.075
$\theta_{a,crack}$	Air-Filled Porosity for Soil in Cracks	cm^3/cm^3	0.13 Appendix C, Table M (or 0.28 IEPA corrected value)
$\theta_{T,crack}$	Total Porosity for Soil in Cracks	cm^3/cm^3	0.43 Appendix C, Table M
D_w	Diffusivity in Water	cm^2/s	Chemical-Specific Ethylbenzene 0.0000078
H'_{TS}	Henry's Law Constant @ the System Temperature 13°C	unitless	Chemical-Specific Ethylbenzene 0.164
$\theta_{w,crack}$	Water-Filled Porosity for Soil in Cracks	cm^3/cm^3	0.15 Appendix C, Table M

Input Parameter Values for Derivation of Effective Diffusion Coefficient through the Cracks, D_{crack}^{eff} (cm^2/s)

$\theta_{a,crack}$=	0.28 cm^3/cm^3	D_i=	0.0750 cm^2/s
$\theta_{w,crack}$=	0.15 cm^3/cm^3	D_w=	0.0000078 cm^2/s
θ_{Tcrack}=	0.43 cm^3/cm^3	H'_{TS}=	0.164

D_{crack}^{eff}=	**5.85053E-03 cm^2/s**

J&E Equation Modeling
Indoor Inhalation Exposure Route

Ethylbenzene

J&E16 - Equation for Derivation of Total Soil Porosity, θ_{Ti} (cm^3/cm^3)

$$\theta_{Ti} = 1 - \frac{\rho_b}{\rho_s}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
ρ_b	Dry Soil Bulk Density	g/cm^3	Site-Specific Value
ρ_s	Soil Particle Density	g/cm^3	Site-Specific Value

INPUT PARAMETERS FOR θ_T

Soil Layer 1		Soil Layer 2 (Capillary Fringe)	
$\rho_{b,1}$=	1.50901 g/cm^3	$\rho_{b,2}$=	1.50901 g/cm^3
$\rho_{s,1}$=	2.599 g/cm^3	$\rho_{s,2}$=	2.599 g/cm^3

$\theta_{T,1}$=	**0.419 cm^3/cm^3**
$\theta_{T,2}$=	**0.419 cm^3/cm^3**

J&E17 - Equation for Derivation of Water-Filled Soil Porosity, θ_w (cm^3/cm^3)

$$\theta_w = W \cdot \frac{\rho_b}{\rho_w}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
W	Moisture Content	g_{water} / g_{soil}	Site-Specific Value
ρ_b	Dry Soil Bulk Density	g/cm^3	Site-Specific Value
ρ_w	Density of Water	g/cm^3	1 Appendix C, Table M

INPUT PARAMETERS FOR θ_w

W_1=	0.20 g_{water} / g_{soil}	$\rho_{b,1}$=	1.50901 g/cm^3
		ρ_w=	1 g/cm^3

$\theta_{w,1}$=	**0.300 L_{water}/L_{soil}**	
$\theta_{w,2}$=	**0.377 L_{water}/L_{soil}**	for capillary fringe = 0.9 x θ_{T2}

J&E18 - Equation for Derivation of Air-Filled Soil Porosity, θ_a (cm^3/cm^3)

$$\theta_a = \theta_T - \theta_w$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
θ_T	Total Soil Porosity	cm^3/cm^3	Calculated Value Equation J&E16 in TACO
θ_w	Water-Filled Soil Porosity	cm^3/cm^3	Calculated Value Equation J&E17 in TACO

INPUT PARAMETERS FOR θ_a

$\theta_{T,1}$=	0.419 g/cm^3	$\theta_{w,1}$=	0.300 g/cm^3

$\theta_{a,1}$=	**0.119 L_{air}/L_{soil}**	
$\theta_{a,2}$=	**0.042 L_{water}/L_{soil}**	for capillary fringe = 0.1 x θ_{T2}

J&E Equation Modeling
Indoor Inhalation Exposure Route

Naphthalene

Site Name: Qik-N-EZ - Peoria Road
Site City: Sprilngfield, IL

Contaminant of Concern: **Naphthalene**
Exposure Scenario: Advection & Diffusion (Q_{soil} = 83.33) - Residential & Industrial/Commercial
# of Soil Layers: 2 (soil layer 2 = capillary fringe)

Site-Specific Soil Properties

Soil Class: Silt Loam	Layer 1	Layer 2	
Moisture Content (W):	0.199	0.199	g_{water} / g_{soil}
Dry Bulk Density (ρ_b):	1.50901	1.50901	g/cm^3
Soil Particle Density (ρ_s):	2.599	2.599	g/cm^3

Contaminant of Concern Properties

Diffusivity in Air (D_i)	0.0590 cm^2/s	TACO Appendix C, Table E
Diffusivity in Water (D_w)	0.0000075 cm^2/s	TACO Appendix C, Table E
Henry's Law Constant (H'_{TS})	0.00829 @ the System Temperature 13°C	TACO Appendix C, Table E
Unit Risk Factor (URF)	0.00003400 $(\mu g/m^3)^{-1}$	IEPA Toxicity Values for Tier 2 and Tier 3 Calculations
Solubility in Water (S)	31 mg/L	TACO Appendix C, Table E
Soil Vapor Saturation Limit (C_v^{sat})	650 mg/m^3	TACO Appendix A, Table K

Modeling Results - *Soil Gas Contamination*

J&E1	Indoor Air Remediation Objective - Carcinogens	0.000072 mg/m^3	Residential
J&E1	Indoor Air Remediation Objective - Carcinogens	0.000120 mg/m^3	Industrial/Commercial
J&E4	Soil Gas Remediation Objective - Carcinogens	1.0 mg/m^3	Residential
J&E4	Soil Gas Remediation Objective - Carcinogens	4.1 mg/m^3	Industrial/Commercial
	Soil Vapor Saturation (C_v^{sat}) Check	650 mg/m^3	TACO Appendix A, Table K
J&E7	Attenuation Factor	7.10001E-05	Residential
J&E7	Attenuation Factor	2.96465E-05	Industrial/Commercial

Modeling Results - *Groundwater Contamination*

J&E1	Indoor Air Remediation Objective - Carcinogens	0.000072 mg/m^3	Residential
J&E1	Indoor Air Remediation Objective - Carcinogens	0.000120 mg/m^3	Industrial/Commercial
J&E4	Soil Gas Remediation Objective - Carcinogens	2.3 mg/m^3	Residential
J&E4	Soil Gas Remediation Objective - Carcinogens	8.7 mg/m^3	Industrial/Commercial
	Soil Vapor Saturation (C_v^{sat}) Check	650 mg/m^3	TACO Appendix A, Table K
J&E7	Attenuation Factor	3.17102E-05	Residential
J&E7	Attenuation Factor	1.38867E-05	Industrial/Commercial
J&E6	Groundwater Remediation Objective	0.27 mg/L	Residential
J&E6	Groundwater Remediation Objective	1.0 mg/L	Industrial/Commercial
	Water Solubility Check (S) Check	31 mg/L	TACO Appendix C, Table E

J&E Equation Modeling
Indoor Inhalation Exposure Route

Naphthalene

J&E1 - Equation for Derivation of Indoor Air Remediation Objective for Carcinogenic Contaminants, $RO_{indoor\ air}$ (mg/m^3)

$$RO_{indoorair} = \frac{TR \bullet AT_c \bullet 365 \frac{days}{year}}{ED \bullet EF \bullet URF \bullet 1{,}000 \frac{\mu g}{mg}}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES	
TR	Target Risk	Dimensionless	Residential	10^{-6}
			Industrial / Commercial	10^{-6}
AT_c	Averaging Time for Carcinogens	Year		70
ED	Exposure Duration	Year	Residential	30
			Industrial / Commercial	25
EF	Exposure Frequency	Day/Year	Residential	350
			Industrial / Commercial	250
URF	Unit Risk Factor	$(\mu g/m^3)^{-1}$	Naphthalene	0.000034

Residential $RO_{indoor\ air}$ = 0.000071568627 mg/m^3
Indust/Commercial $RO_{indoor\ air}$ = 0.000120235294 mg/m^3

C_v^{sat} Exceedence Check (value of Indoor Air RO will change if Tier 2 Indoor Air RO is greater than Tier 1 C_v^{sat}):

Residential $RO_{indoor\ air}$ =	**0.000072 mg/m^3**
Indust/Commercial $RO_{indoor\ air}$ =	**0.000120 mg/m^3**

J&E4 - Equation for Derivation of Soil Gas Remediation Objective When the Mode of Contaminant Transport is Both Diffusion and Advection, $RO_{soil\ gas}$ (mg/m^3)

$$RO_{soil\ gas} = \frac{RO_{indoor\ air}}{\alpha}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES	
$RO_{indoor\ air}$	Indoor Air Remediation Objective	mg/m^3	Residential	0.000071568627
			Industrial / Commercial	0.000120235294
			Equation J&E 1	
α	Attenuation Factor	unitless	Equation J&E 7	

Input Parameter Values for $RO_{soil\ gas}$ (mg/m^3)

Residential		**Industrial/Commercial**	
$RO_{indoor\ air}$=	0.000071568627 mg/m3	$RO_{indoor\ air}$=	0.000120235294 mg/m3
α=	7.100008E-05	α=	2.964653E-05
$RO_{soil\ gas}$=	1.008008 mg/m^3	$RO_{soil\ gas}$=	4.055628 mg/m^3

C_v^{sat} Exceedence Check (value of Soil Gas RO will change if Tier 2 Soil Gas RO is greater than Tier 1 C_v^{sat}):

Residential $RO_{soil\ gas}$ =	**1.0 mg/m^3**
Indust/Commercial $RO_{soil\ gas}$ =	**4.1 mg/m^3**

Naphthalene

J&E7 - Equation for Derivation of Attenuation Factor
When the Mode of Contaminant Transport is Both Diffusion and Advection,
Q_{soil} = 83.33 cm^3/sec)
α (unitless)

$$\alpha = \frac{\left[\left(\frac{D_T^{eff} \times A_B}{Q_{bldg} \times L_T}\right) \times exp\left(\frac{Q_{soil} \times L_{crack}}{D_{crack}^{eff} \times A_{crack}}\right)\right]}{\left[exp\left(\frac{Q_{soil} \times L_{crack}}{D_{crack}^{eff} \times A_{crack}}\right) + \left(\frac{D_T^{eff} \times A_B}{Q_{bldg} \times L_T}\right) + \left(\frac{D_T^{eff} \times A_B}{Q_{soil} \times L_T}\right)\left[exp\left(\frac{Q_{soil} \times L_{crack}}{D_{crack}^{eff} \times A_{crack}}\right) - 1\right]\right]}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
D_T^{eff}	Total Overall Effective Diffusion Coefficient	cm^2/s	Equation J&E 9a
D_{crack}^{eff}	Effective Diffusion Coefficient through the Cracks	cm^2/s	Equation J&E 15
A_B	Surface Area of Enclosed Space at or Below Grade	cm^2	Residential = 1 x 10^6 Industrial/Commercial = 4.0 x 10^6 Appendix C, Table M
A_{crack}	Area of Total Cracks	cm^2	Equation J&E 14
$Q_{building}$	Building Ventilation Rate	cm^3/sec	Residential = 3.59 x 10^4 Industrial/Commercial = 3.15 x 10^5 Appendix C, Table M
Q_{soil}	Volumetric Flow Rate of Soil Gas into the Enclosed Space	cm^3/sec	83.33 Appendix C, Table M
L_T	Distance from Bottom of Slab to Top of Contamination	cm	142.4 or *Site-Specific* Appendix C, Table M
L_{crack}	Slab Thickness	cm	10 Appendix C, Table M

Input Parameter Values for α (unitless)

Residential

D_T^{eff}=	3.744164E-04 cm^2/s	$Q_{building}$=	35,900 cm^3/s
D_{crack}^{eff}=	4.610880E-03 cm^2/s	Q_{soil}=	83.33 cm^3/s
A_B=	1,000,000 cm^2	L_T=	142.4 cm
A_{crack}=	400 cm^2	L_{crack}=	10.0 cm

α= 7.100008E-05

Industrial/Commercial

D_T^{eff}=	3.744164E-04 cm^2/s	$Q_{building}$=	315,000 cm^3/s
D_{crack}^{eff}=	4.610880E-03 cm^2/s	Q_{soil}=	83.33 cm^3/s
A_B=	4,000,000 cm^2	L_T=	142.4 cm
A_{crack}=	800 cm^2	L_{crack}=	10.0 cm

α= 2.964653E-05

Intermediate Calculations:

$\left(\frac{D_T^{eff} \times A_B}{Q_{bldg} \times L_T}\right)$ — 7.32404E-05 Residential; 3.33883E-05 Industrial/Commercial

$\left(\frac{Q_{soil} \times L_{crack}}{D_{crack}^{eff} \times A_{crack}}\right)$ — 4.518118E+02 Residential; 2.259059E+02 Industrial/Commercial

$\left(\frac{D_T^{eff} \times A_B}{Q_{soil} \times L_T}\right)$ — 0.031553209 Residential; 0.126212836 Industrial/Commercial

J&E Equation Modeling
Indoor Inhalation Exposure Route

Naphthalene

J&E1 - Equation for Derivation of Indoor Air Remediation Objective for Carcinogenic Contaminants, $RO_{indoor\ air}$ (mg/m^3)

$$RO_{indoorair} = \frac{TR \bullet AT_c \bullet 365 \frac{days}{year}}{ED \bullet EF \bullet URF \bullet 1{,}000 \frac{\mu g}{mg}}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES	
TR	Target Risk	Dimensionless	Residential	10^{-6}
			Industrial / Commercial	10^{-6}
AT_c	Averaging Time for Carcinogens	Year		70
ED	Exposure Duration	Year	Residential	30
			Industrial / Commercial	25
EF	Exposure Frequency	Day/Year	Residential	350
			Industrial / Commercial	250
URF	Unit Risk Factor	$(\mu g/m^3)^{-1}$	Naphthalene	0.000034

Residential $RO_{indoor\ air}$ = 0.000071568627 mg/m^3
Indust/Commercial $RO_{indoor\ air}$ = 0.000120235294 mg/m^3

C_v^{sat} Exceedence Check (value of Indoor Air RO will change if Tier 2 Indoor Air RO is greater than Tier 1 C_v^{sat}):

Residential $RO_{indoor\ air}$ = 0.000072 mg/m^3

Indust/Commercial $RO_{indoor\ air}$ = 0.000120 mg/m^3

J&E4 - Equation for Derivation of Soil Gas Remediation Objective When the Mode of Contaminant Transport is Both Diffusion and Advection, $RO_{soil\ gas}$ (mg/m^3)

$$RO_{soil\ gas} = \frac{RO_{indoor\ air}}{\alpha}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES	
$RO_{indoor\ air}$	Indoor Air Remediation Objective	mg/m^3	Residential	0.000071568627
			Industrial / Commercial	0.000120235294
			Equation J&E 1	
α	Attenuation Factor	unitless	Equation J&E 7	

Input Parameter Values for $RO_{soil\ gas}$ (mg/m^3)

Residential		**Industrial/Commercial**	
$RO_{indoor\ air}$=	0.000071568627 mg/m3	$RO_{indoor\ air}$=	0.000120235294 mg/m3
α=	3.171022E-05	α=	1.388670E-05
$RO_{soil\ gas}$=	2.256958 mg/m^3	$RO_{soil\ gas}$=	8.658304 mg/m^3

C_v^{sat} Exceedence Check (value of Soil Gas RO will change if Tier 2 Soil Gas RO is greater than Tier 1 C_v^{sat}):

Residential $RO_{soil\ gas}$ = 2.3 mg/m^3

Indust/Commercial $RO_{soil\ gas}$ = 8.7 mg/m^3

Naphthalene

J&E7 - Equation for Derivation of Attenuation Factor
When the Mode of Contaminant Transport is Both Diffusion and Advection,
Q_{soil} = 83.33 cm^3/sec)
α (unitless)

$$\alpha = \frac{\left[\left(\frac{D_T^{eff} \times A_B}{Q_{bldg} \times L_T}\right) \times exp\left(\frac{Q_{soil} \times L_{crack}}{D_{crack}^{eff} \times A_{crack}}\right)\right]}{\left[exp\left(\frac{Q_{soil} \times L_{crack}}{D_{crack}^{eff} \times A_{crack}}\right) + \left(\frac{D_T^{eff} \times A_B}{Q_{bldg} \times L_T}\right) + \left(\frac{D_T^{eff} \times A_B}{Q_{soil} \times L_T}\right)\left[exp\left(\frac{Q_{soil} \times L_{crack}}{D_{crack}^{eff} \times A_{crack}}\right) - 1\right]\right]}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
D_T^{eff}	Total Overall Effective Diffusion Coefficient	cm^2/s	Equation J&E 9a
D_{crack}^{eff}	Effective Diffusion Coefficient through the Cracks	cm^2/s	Equation J&E 15
A_B	Surface Area of Enclosed Space at or Below Grade	cm^2	Residential = 1 x 10^6 Industrial/Commercial = 4.0 x 10^6 Appendix C, Table M
A_{crack}	Area of Total Cracks	cm^2	Equation J&E 14
$Q_{building}$	Building Ventilation Rate	cm^3/sec	Residential = 3.59 x 10^4 Industrial/Commercial = 3.15 x 10^5 Appendix C, Table M
Q_{soil}	Volumetric Flow Rate of Soil Gas into the Enclosed Space	cm^3/sec	83.33 Appendix C, Table M
L_T	Distance from Bottom of Slab to Top of Contamination	cm	142.4 or *Site-Specific* Appendix C, Table M
L_{crack}	Slab Thickness	cm	10 Appendix C, Table M

Input Parameter Values for α (unitless)

Residential

D_T^{eff}=	3.402476E-04 cm^2/s	$Q_{building}$=	35,900 cm^3/s
D_{crack}^{eff}=	4.610880E-03 cm^2/s	Q_{soil}=	83.33 cm^3/s
A_B=	1,000,000 cm^2	L_T=	294.8 cm
A_{crack}=	400 cm^2	L_{crack}=	10.0 cm

α= 3.171022E-05

Industrial/Commercial

D_T^{eff}=	3.402476E-04 cm^2/s	$Q_{building}$=	315,000 cm^3/s
D_{crack}^{eff}=	4.610880E-03 cm^2/s	Q_{soil}=	83.33 cm^3/s
A_B=	4,000,000 cm^2	L_T=	294.8 cm
A_{crack}=	800 cm^2	L_{crack}=	10.0 cm

α= 1.388670E-05

Intermediate Calculations:

$\left(\frac{D_T^{eff} \times A_B}{Q_{bldg} \times L_T}\right)$ 3.21494E-05 Residential
1.46561E-05 Industrial/Commercial

$\left(\frac{Q_{soil} \times L_{crack}}{D_{crack}^{eff} \times A_{crack}}\right)$ 4.518118E+02 Residential
2.259059E+02 Industrial/Commercial

$\left(\frac{D_T^{eff} \times A_B}{Q_{soil} \times L_T}\right)$ 0.013850526 Residential
0.055402103 Industrial/Commercial

Naphthalene

J&E6 - Equation for Derivation of Groundwater Remediation Objective When the Mode of Contaminant Transport is Both Diffusion and Advection, RO_{gw} (mg/L)

$$RO_{gw} = \frac{RO_{soil\ gas}}{H'_{TS} \times 1000 \frac{L}{m^3}}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES	
$RO_{soil\ gas}$	Soil Gas Remediation Objective	mg/m^3	Residential Industrial / Commercial Equation J&E 4	2.256958 8.658304
H'_{TS}	Dimensionless Henry's Law Constant at the System (soil) Temperature 13°C	unitless	Chemical-Specific Naphthalene 0.00829 *TACO Appendix C, Table E*	

Input Parameter Values for RO_{gw} (mg/L)

Residential		Industrial/Commercial	
$RO_{soil\ gas}$=	2.256958 mg/m3	$RO_{soil\ gas}$=	8.658304 mg/m3
H'_{TS}=	0.008	H'_{TS}=	0.008
RO_{gw}=	0.272251 mg/L	RO_{gw}=	1.044428 mg/L

Solubility (s) Exceedence Check (value of Groundwater RO will change if Tier 2 Groundwater RO is greater than Solubility in Water):

Residential RO_{gw} =	**0.27 mg/L**
Indust/Commercial RO_{gw} =	**1.0 mg/L**

Naphthalene

J&E10 - Equation for Derivation of Source to Building Separation, L_T (cm)

$$L_T = D_{source} - L_F$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
D_{source}	Distance from Ground Surface to Top of Contamination	cm	Soil Gas Contam. = 152.4 GW Contam. = 304.8 *or Site-Specific*
L_F	Distance from Ground Surface to Bottom of Slab	cm	10

INPUT PARAMETERS FOR L_T

D_{source}= 152.4 cm (Soil Gas Contamination)
D_{source}= 304.8 cm (Groundwater Contamination)
D_{source}= 0 cm (Site -Specific)

L_F= 10 cm

L_T=	142.4 cm (Soil Gas Contamination)
L_T=	294.8 cm (GW Contamination)
L_T=	N/A cm (Site-Specific)

J&E9b - Sum of the Thickness of the Soil Layers, $\sum L_i$ (cm)

$$\sum_{i=1}^{n} L_i = L_T$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
L_i	Thickness of Soil Layer i	cm	*Site-Specific* For Capillary Fringe = 37.5
L_T	Distance from Bottom of Slab to Top of Contamination	cm	Equation J&E10

Soil Layer 1

L_1=	142.4 cm (Soil Gas Contamination)
L_1=	257.3 cm (GW Contamination)
L_1=	N/A cm (Site-Specific)

Soil Layer 2 - *Capillary Fringe*

L_2=	0.0 cm (Soil Gas Contamination)
L_2=	37.5 cm (GW Contamination)
L_2=	N/A cm (Site-Specific)

J&E9a - Equation for Derivation of Total Overall Effective Diffusion Coefficient for Vapor Transport in Porous Media for Multiple Soil Layers,

$$D_T^{eff} = \frac{L_T}{\sum_{i=1}^{n} L_i / D_i^{eff}}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
L_T	Distance from Bottom of Slab to Top of Contamination	cm	142.4 or *Site-Specific* (Equation J&E10)
L_i	Thickness of Soil Layer i	cm	*Site-Specific* For Capillary Fringe = 37.5
D_i^{eff}	Effective Diffusion Coefficient for Each Soil Layer i	cm^2/sec	Equation J&E11

Input Parameter Values for Derivation of Total Overall Effective Diffusion Coefficient, D_T^{eff} (cm^2/s)

L_T= 142.4 cm (Soil Gas Contamination)
L_T= 294.8 cm (GW Contamination)
L_T= N/A cm (Site Specific)

Soil Layer 1:

L_1= 142.4 cm (Soil Gas Contam.) D_1^{eff}= 3.744164E-04 cm^2/s
L_1= 257.3 cm (GW Contam.) D_1^{eff}= 3.744164E-04 cm^2/s
L_1= N/A cm (Site Specific) D_1^{eff}= 3.744164E-04 cm^2/s

Soil Layer 2:

L_1= 0.0 cm (Soil Gas Contam.) D_1^{eff}= 2.092342E-04 cm^2/s
L_1= 37.5 cm (GW Contam.) D_1^{eff}= 2.092342E-04 cm^2/s
L_1= N/A cm (Site Specific) D_1^{eff}= 2.092342E-04 cm^2/s

$\sum L_i/D_i^{eff}$=	3.8032519E+05 cm^2/s (Soil Gas Contamination)
$\sum L_i/D_i^{eff}$=	8.6642776E+05 cm^2/s (GW Contamination)
$\sum L_i/D_i^{eff}$=	#VALUE! cm^2/s (Site Specific)

D_T^{eff}=	3.744164E-04 cm^2/s (Soil Gas Contamination)
D_T^{eff}=	3.402476E-04 cm^2/s (GW Contamination)
D_T^{eff}=	#VALUE! cm^2/s (Site Specific)

J&E Equation Modeling
Indoor Inhalation Exposure Route

Naphthalene

J&E11 - Equation for Derivation of Effective Diffusion Coefficient for Each Soil Layer, D_i^{eff} (cm^2/s)

$$D_i^{eff} = D_i \left(\frac{\theta_{a,i}^{3.33}}{\theta_{T,i}^2}\right) + \left(\frac{D_w}{H'_{TS}}\right)\left(\frac{\theta_{w,i}^{3.33}}{\theta_{T,i}^2}\right)$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
D_i	Diffusivity in Air	cm^2/s	Chemical-Specific Naphthalene 0.059
$\theta_{a,i}$	Air-Filled Porosity of Soil Layer i	cm^3/cm^3	0.13 Appendix C, Table M or Calculated Value from J&E 18 For Capillary Fringe = $0.1\theta_{T,i}$
$\theta_{T,i}$	Total Porosity of Soil Layer i	cm^3/cm^3	0.43 Appendix C, Table M or Calculated Value from J&E 16
D_w	Diffusivity in Water	cm^2/s	Chemical-Specific Naphthalene 0.0000075
H'_{TS}	Henry's Law Constant @ the System Temperature 13°C	unitless	Chemical-Specific Naphthalene 0.00829
$\theta_{w,i}$	Water-Filled Porosity of Soil Layer i	cm^3/cm^3	0.15 Appendix C, Table M or Calculated Value from J&E 17 For Capillary Fringe = 0.375 or $0.9T_{,i}$

Input Parameter Values for Derivation of Effective Diffusion Coefficient for Each Soil Layer, D_i^{eff} (cm^2/s)

Layer 1

$\theta_{a,1}$=	0.119 cm^3/cm^3	D_i=	0.0590 cm^2/s
$\theta_{w,1}$=	0.300 cm^3/cm^3	D_w=	0.0000075 cm^2/s
$\theta_{T,1}$=	0.419 cm^3/cm^3	H'_{TS}=	0.008

D_1^{eff}= 3.744164E-04 cm^2/s

Layer 2 (Capillary Fringe)

$\theta_{a,2}$=	0.042 cm^3/cm^3	D_i=	0.0590 cm^2/s
$\theta_{w,2}$=	0.377 cm^3/cm^3	D_w=	0.0000075 cm^2/s
$\theta_{T,2}$=	0.419 cm^3/cm^3	H'_{TS}=	0.008

D_2^{eff}= 2.092342E-04 cm^2/s

J&E Equation Modeling
Indoor Inhalation Exposure Route

Naphthalene

J&E14 - Equation for Derivation of Surface Area of Enclosed Space At or Below Grade, A_{crack} (cm^2)

$$A_{crack} = 2 \cdot (L_B + W_B) \cdot w$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
L_B	Length of Building	cm	Residential = 1,000 Indust./Comm. = 2,000 *or Site-Specific in Tier 3* Appendix C, Table M
W_B	Width of Building	cm	Residential = 1,000 Indust./Comm. = 2,000 *or Site-Specific in Tier 3* Appendix C, Table M
w	Floor-Wall Seam Gap	cm	0.1 Appendix C, Table M

INPUT PARAMETERS FOR A_B

L_B=	1,000 cm (Residential)	L_B=	0 cm (Site -Specific)
L_B=	2,000 cm (Indust./Comm.)	W_B=	0 cm (Site -Specific)
W_B=	1,000 cm (Residential)	w=	0.1 cm
W_B=	2,000 cm (Indust./Comm.)		

A_{crack}=	**400 cm^2 (Residential)**
A_{crack}=	**800 cm^2 (Indust./Comm.)**
A_{crack}=	**N/A cm^2 (Site-Specific)**

J&E15 - Equation for Derivation of Effective Diffusion Coefficient through the Cracks, D_{crack}^{eff} (cm^2/s)

$$D_{crack}^{eff} = D_i \left(\frac{\theta_{a,crack}^{3.33}}{\theta_{T,crack}^{2}}\right) + \left(\frac{D_w}{H'^{\square}_{TS}}\right)\left(\frac{\theta_{w,crack}^{3.33}}{\theta_{T,crack}^{2}}\right)$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
D_i	Diffusivity in Air	cm^2/s	Chemical-Specific Naphthalene 0.059
$\theta_{a,crack}$	Air-Filled Porosity for Soil in Cracks	cm^3/cm^3	0.13 Appendix C, Table M (or 0.28 IEPA corrected value)
$\theta_{T,crack}$	Total Porosity for Soil in Cracks	cm^3/cm^3	0.43 Appendix C, Table M
D_w	Diffusivity in Water	cm^2/s	Chemical-Specific Naphthalene 0.0000075
H'_{TS}	Henry's Law Constant @ the System Temperature 13°C	unitless	Chemical-Specific Naphthalene 0.00829
$\theta_{w,crack}$	Water-Filled Porosity for Soil in Cracks	cm^3/cm^3	0.15 Appendix C, Table M

Input Parameter Values for Derivation of Effective Diffusion Coefficient through the Cracks, D_{crack}^{eff} (cm^2/s)

$\theta_{a,crack}$=	0.28 cm^3/cm^3	D_i=	0.0590 cm^2/s
$\theta_{w,crack}$=	0.15 cm^3/cm^3	D_w=	0.0000075 cm^2/s
θ_{Tcrack}=	0.43 cm^3/cm^3	H'_{TS}=	0.008

D_{crack}^{eff}=	**4.61088E-03 cm^2/s**

J&E Equation Modeling
Indoor Inhalation Exposure Route

Naphthalene

J&E16 - Equation for Derivation of Total Soil Porosity, θ_{Ti} (cm^3/cm^3)

$$\theta_{Ti} = 1 - \frac{\rho_b}{\rho_s}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
ρ_b	Dry Soil Bulk Density	g/cm^3	Site-Specific Value
ρ_s	Soil Particle Density	g/cm^3	Site-Specific Value

INPUT PARAMETERS FOR θ_T

Soil Layer 1		Soil Layer 2 (Capillary Fringe)	
$\rho_{b,1}$=	1.50901 g/cm^3	$\rho_{b,2}$=	1.50901 g/cm^3
$\rho_{s,1}$=	2.599 g/cm^3	$\rho_{s,2}$=	2.599 g/cm^3

$\theta_{T,1}$=	**0.419 cm^3/cm^3**
$\theta_{T,2}$=	**0.419 cm^3/cm^3**

J&E17 - Equation for Derivation of Water-Filled Soil Porosity, θ_w (cm^3/cm^3)

$$\theta_w = W \cdot \frac{\rho_b}{\rho_w}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
W	Moisture Content	g_{water} / g_{soil}	Site-Specific Value
ρ_b	Dry Soil Bulk Density	g/cm^3	Site-Specific Value
ρ_w	Density of Water	g/cm^3	1 Appendix C, Table M

INPUT PARAMETERS FOR θ_w

W_1=	0.20 g_{water} / g_{soil}	$\rho_{b,1}$=	1.50901 g/cm^3
		ρ_w=	1 g/cm^3

$\theta_{w,1}$=	**0.300 L_{water}/L_{soil}**	
$\theta_{w,2}$=	**0.377 L_{water}/L_{soil}**	for capillary fringe = 0.9 x θ_{T2}

J&E18 - Equation for Derivation of Air-Filled Soil Porosity, θ_a (cm^3/cm^3)

$$\theta_a = \theta_T - \theta_w$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
θ_T	Total Soil Porosity	cm^3/cm^3	Calculated Value Equation J&E16 in TACO
θ_w	Water-Filled Soil Porosity	cm^3/cm^3	Calculated Value Equation J&E17 in TACO

INPUT PARAMETERS FOR θ_a

$\theta_{T,1}$=	0.419 g/cm^3	$\theta_{w,1}$=	0.300 g/cm^3

$\theta_{a,1}$=	**0.119 L_{air}/L_{soil}**	
$\theta_{a,2}$=	**0.042 L_{water}/L_{soil}**	for capillary fringe = 0.1 x θ_{T2}

ATTACHMENT 5

Illinois Environmental Protection Agency

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Leaking Underground Storage Tank Section

Indoor Inhalation Exposure Route Checklist

Applicability: This checklist may be used to exclude the indoor inhalation exposure route in accordance with 35 Illinois Administrative Code (Ill. Adm. Code) Section 742.312. This checklist shall be applied during the development of a site investigation completion report (SICR) and corrective action plan (CAP), if applicable, and may be reapplied after completion of a corrective action plan proposing active remediation.

Reviewed By: S. Wolfe

Date Reviewed: 2/15/2022

Generator #: 1671205520 County: Sangamon

Incident #: 961540, 991895, 201063 City: Springfield

Site Name: Qik-N-EZ

Site Address: 2800 North Peoria Road

Leaking UST Technical File

1. Do you have volatile chemicals at your site per 35 Ill. Adm. Code 742. Appendix A. Table J?

   ☑ Yes ○ No

   If No: No further evaluation of the indoor inhalation exposure route is required. Skip ahead to the Conclusion.

2. Was groundwater encountered at the site?

   ☑ Yes ○ No

   If Yes: Skip ahead to question 5.

3. Do benzene concentrations in the soil exceed 10 mg/kg?

   ○ Yes ○ No

   If No: Skip ahead to question 12.

4. Vertical Separation Screening (Residual LNAPL): Is there at least 15 feet of soil exhibiting benzene concentrations less than 10 mg/kg between the soil exhibiting benzene concentrations greater than 10 mg/kg and the lowest point of a building foundation/crawl space or ground surface if there is no overlying receptor?

   ○ Yes ○ No

   If No: Evaluation of the indoor inhalation exposure route in accordance with 35 Ill. Adm. Code 742 is required. Skip ahead to the Conclusion.

   If Yes: Skip ahead to question 10.

5. Has the groundwater plume been defined to the Class I standards for the volatile chemicals?

   ☑ Yes ○ No

   If No: Additional investigation is required to define the groundwater plume before completing this form.

6. LNAPL/Residual LNAPL Determination

Is there free product exceeding one-eighth of an inch in depth as measured in a monitoring well?

◯ Yes ⊘ No

Do benzene concentrations in groundwater exceed 5 mg/L?

⊘ Yes ◯ No

Do total BETX concentrations in groundwater exceed 20 mg/L?

⊘ Yes ◯ No

Do benzene concentrations in soil exceed 10 mg/kg?

⊘ Yes ◯ No

If Yes (for **any** of these questions): Skip ahead to question 9.

7. Do benzene concentrations in groundwater exceed the Class I standard (0.005 mg/L)?

◯ Yes ◯ No

If No: Skip ahead to question 12.

8. Vertical Separation Screening (Dissolved Groundwater Plume): Is there at least five feet of soil exhibiting benzene concentrations less than 10 mg/kg between the highest measured groundwater elevation in a monitoring well and the lowest point of a building foundation/crawl space or ground surface if there is no overlying receptor?

◯ Yes ◯ No

If Yes: Skip ahead to question 10.

If No: Evaluation of the indoor inhalation exposure route in accordance with 35 Ill. Adm. Code 742 is required. Skip ahead to the Conclusion.

9. Vertical Separation Screening (LNAPL/Residual LNAPL): Is there at least 15 feet of soil exhibiting benzene concentrations less than 10 mg/kg between the highest measured free product elevation in a monitoring well or the highest measured groundwater elevation in a monitoring well and the lowest point of a building foundation/crawl space or ground surface if there is no overlying receptor?

◯ Yes ⊘ No

If No: Evaluation of the indoor inhalation exposure route in accordance with 35 Ill. Adm. Code 742 is required. Skip ahead to the Conclusion.

10. Precluding Factors (Karst Geology): Are the properties affected by the release located in an area with Karst geology, as determined by the SWAP Mapping System?

◯ Yes ◯ No

If Yes: The release cannot be screened out using a vertical separation distance, and an evaluation of the indoor inhalation exposure route in accordance with 35 Ill. Adm. Code 742 is required. Skip ahead to the Conclusion.

11. Precluding Factors (Utility Conduits): Are utility conduits present within the contaminated groundwater or LNAPL/residual LNAPL that may allow for migration of vapors into buildings due to being improperly sealed at the building?

◯ Yes ◯ No

If Yes: The conduit must be properly sealed in a manner that does not allow for migration of vapors into the building. Continue to question 12.

12. Are there reports of petroleum vapors in buildings as a result of the release from the UST?

◯ Yes ◯ No

If Yes: Evaluation of the indoor inhalation exposure route in accordance with 35 Ill. Adm. Code Part 742 is required.

Conclusion

Based upon the results of the current review:

- ☑ Evaluation of the indoor inhalation exposure route in accordance with 35 Ill. Adm. Code 742 is required.
- ○ Evaluation of the indoor inhalation exposure route is not required.
- ○ Evaluation of the indoor inhalation exposure route is not required subject to accepting 5 or 15 feet of soil exhibiting benzene concentrations less than 10 mg/kg as an engineered barrier.

Sources

* https://connect.itrcweb.org/HigherLogic/System/DownloadDocumentFile.ashx?DocumentFileKey=223c87f3-fe46-4ade-afae-ea2e6301a522
* https://www.epa.gov/ust/technical-guide-addressing-petroleum-vapor-intrusion-leaking-underground-storage-tank-sites

Note: To access a map of Illinois' Karst geology:

1. Click https://illinois-epa.maps.arcgis.com/apps/webappviewer/index.html?id=4d37a05f5ba441f1b30dab54ccb81fc8.
2. Click "Layer List" (one of the icons in the upper-right corner).
3. Check and expand "Source Water Assessment Protection Data."
4. Check and expand "Surficial/Bedrock Geology."
5. Check "Karst."

ATTACHMENT 6

Illinois Department of Transportation

Application for Highway Authority Agreement (HAA)

Requirements generally: Any Applicant requesting that the State of Illinois enter into a Highway Authority Agreement shall submit to the State of Illinois, Department of Transportation (IDOT) the following:

Applicant Information

Applicant*: Chronister Oil Company
Business Address: 2026 North Republic Street, Springfield, IL 62702
Telephone: 217-523-5050
E-Mail Address: amy@lincolnlandoil.com

*(UST Owner/Operator, Remediation Applicant, etc.)

Regulatory Program: ☒ UST ☐ SRP ☐ Other, please describe _____

The Applicant is doing business as (please check one):
☐ Individual(s) ☐ Partnership ☒ Corporation ☐ Trust or Estate
☐ Limited Liability Company (LLC) ☐ Government entity ☐ Other _____

Operator (if different): _____
Address: _____

Individual Signing Agreement or Name and Title of Person Authorized to Sign for Applicant:

Amy Chronister Ridley — President
Name — Title

Name and Title of Person Authorized to Sign for Operator (if different):

_____ — _____
Name — Title

Applicant's Attorney (optional)

Name: _____
Address: _____
Telephone: _____
Email: _____

Environmental Consultant

Company: Green Wave Consulting, LLC
Project Mgr.: _____
Address: 4440 Ash Grove Drive, Suite A
Springfield, IL 62711
Telephone: (217) 726-7569
Email: @greenwavecon.com

Street Address and Description of Property Adjacent to the Impacted Right-of-Way

Property Name or Description: Qik-N-EZ
Nearest Cross Street and/or Intersection Quadrant: Illinois Avenue
Street Address: 2800 North Peoria Road
City: Springfield State: IL Zip: 62702 County: Sangamon

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Right-of-Way(s) under State of Illinois jurisdiction requiring Agreement

Highway Number: Il Route 29

Street Name (if any): North Peoria Road

Note: If Groundwater restricted by ordinance, IDOT requires Groundwater impact information and a copy of the ordinance for review.

Regulatory Information:

IEMA Incident Number(s): 942157, 961540, 991895, 20201063
LPC Number: 1671205520
IEPA Project Manager: Steve Putrich

Person(s) named in agreement for notification purposes

Company Name: Chronister Oil Company
Attn: Amy Chronister Ridley
Address: 2026 North Republic Street
Springfield, Illinois 62702

Nature and Extent of Potential Contamination Impact Information – For Exhibit A, B and C

The Closure Report/Closure Response Letter will document the nature and extent of impact in the right-of-way.

Exhibit A: FIGURES –

SOIL: Refer to Figure 1 – Estimated Soil Impact in the Right-of-Way Scaled Map noting Northern Orientation and indicating Boring and Well Locations used in the Calculations Using **Tier One Residential Corrective Action Objectives**

GROUNDWATER: Refer to Figure 2 – Estimated Groundwater Impact in the Right-of-Way Scaled Map noting Northern Orientation and indicating Boring and Well Locations used in the Calculations Using Tier One Corrective Action Objectives

Exhibit B: TABLES - Tables showing soil and groundwater sampling results in the right-of-way (if sampled) and/or adjacent to it keyed to Figures 1 and 2. Samples above **Tier One Residential Corrective Action Objectives** need to be highlighted.

Exhibit C: HAA AREA MAP - Area Covered by Highway Authority Agreement (IDOT Only) Refer to Figure 3 – Proposed Highway Authority Agreement Area Scaled Map Northern Orientation and clearly marking the covered area with crosshatching and legend. Include the borings and/or monitoring wells on Figure 3 that the applicant used to determine the proposed HAA area.

NOTE: Agreement area must radially delineate entire Area of Contamination (on State ROW only) including potential migration.

Attachments (On 8 ½ x 11 paper):

- ☒ Figure 1 Estimated Soil Impact Scaled Map – For use in Exhibit A
- ☒ Figure 2 Estimated Groundwater Impact Scaled Map – For use in Exhibit A
- ☒ Figure 3 Proposed Highway Agreement Area Scaled Map – For use in Exhibit C
- ☒ Tables Keyed to Figures 1 and 2 Showing Sampling Results – For use in Exhibit B
- ☐ Closure or Corrective Action Completion Report (if available 1 copy)
- ☒ R26 modeling for Soil and Groundwater
- ☒ Location map. A broader view of the area of the HAA for identification purposes.
- ☐ Evidence of signature authority for all non-individual applicants.

IMPORTANT NOTICE

The IDOT Highway Authority Agreement requires the signatory to accept liability for future costs related to the contamination or modeled potential contamination of State of Illinois property under the jurisdiction of IDOT identified in the HAA. It also requires the acceptance of defense and indemnification of IDOT for claims against IDOT related the area identified in the HAA. Please review the model agreement for specific terms.

In some cases IDOT has already incurred costs related to the contaminated area being remediated by the Applicant. Pursuant to Section 57.12 of the Environmental Protection Act, notwithstanding any other provision or rule of law the Owner, Operator or both of an underground storage tank are liable to the State for costs of investigation, corrective and preventative action incurred as the result of an underground storage tank. Part of IDOT's review of HAA applications includes a search for these costs. The liability of the Applicant must be made current by payment of the identified costs before IDOT will execute an HAA. The costs incurred by IDOT during design and construction of roadways are not intended as remediation but proper management of environmental risks pursuant to IDOT's obligations to comply with environmental laws and regulations. As such these costs are most often not reimbursable through the LUST Fund.

I, _____ as Consultant

hereby verify that the information and data provided herein and attached are accurate and the most current available and that any new information will be timely supplemented.

_____ _____

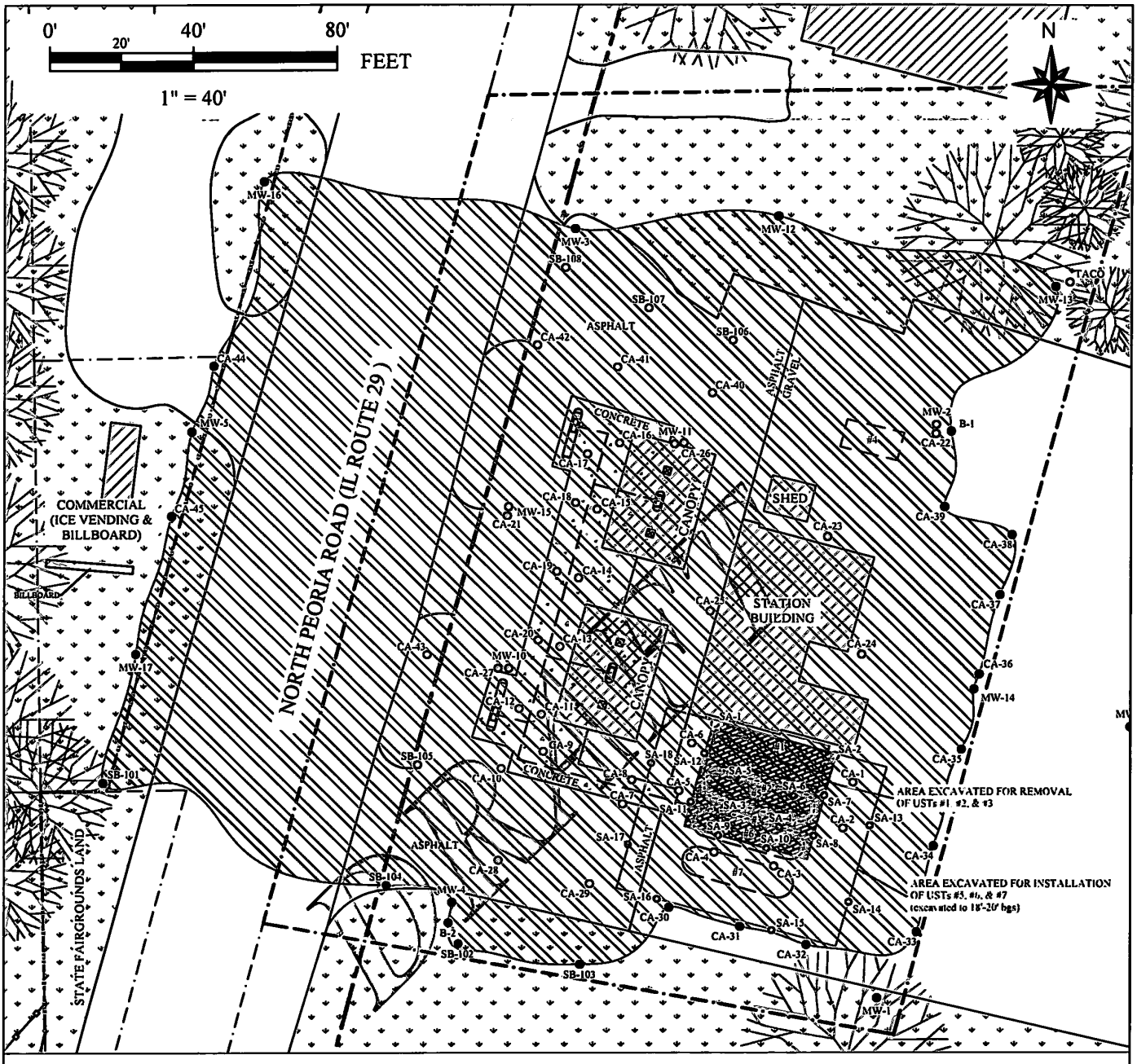
Signature Date

IDOT contact for more information and submittals:

Office of Chief Counsel
RE: Highway Authority Agreement
2300 S. Dirksen Parkway, Room 313
Springfield, IL 62764

Phone: (312) 793-1549 or (217) 782-3215
Email: DOT.HAAAPP@illinois.gov

Note: Initial information may be submitted via Email in PDF format (preferred) or mail hard copies.

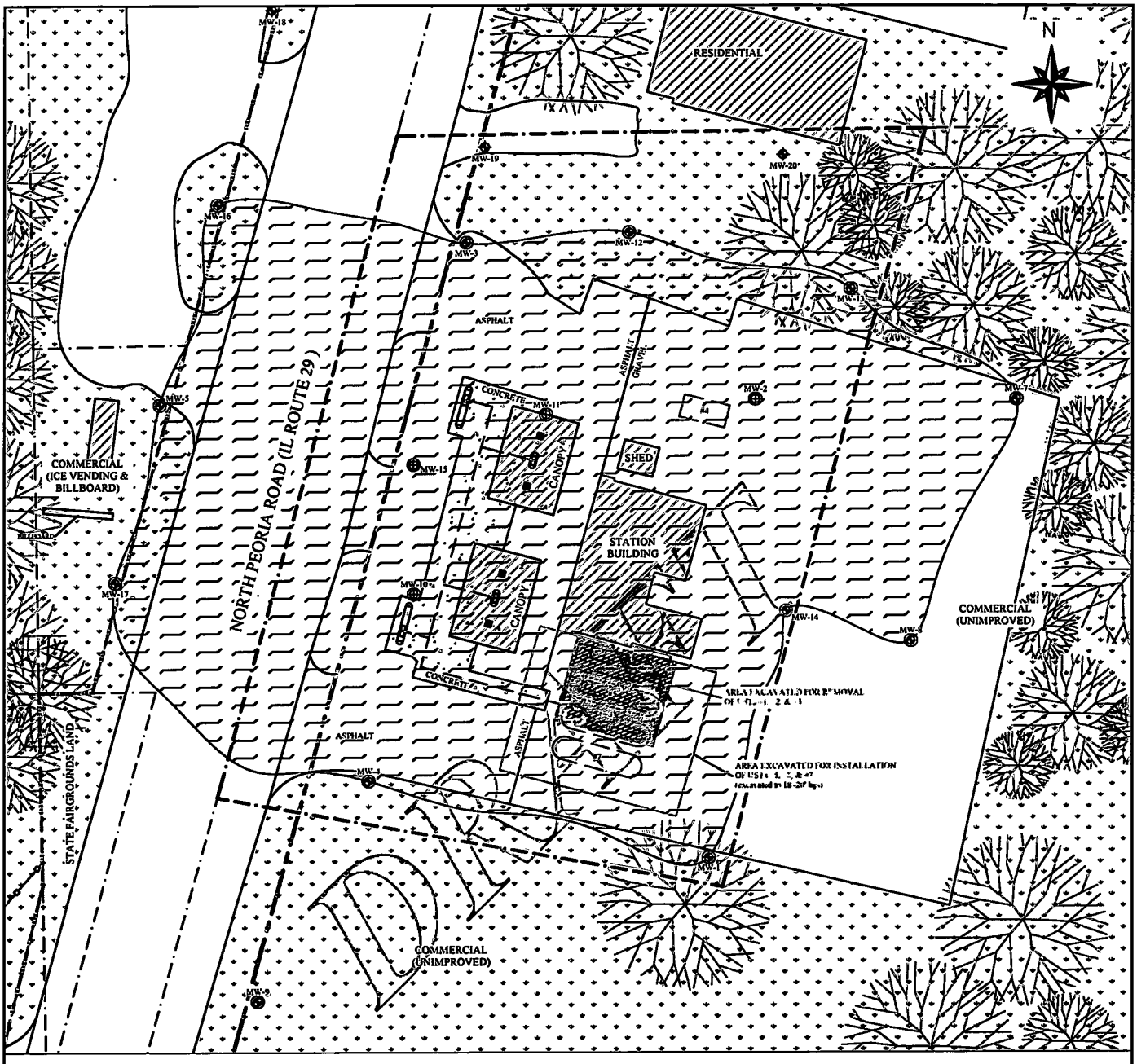


LEGEND

- PROJECT PROPERTY LINE
- PROPERTY / PARCEL LINE
- RIGHT-OF-WAY LINE
- PRODUCT PIPING
- PHYSICALLY DELINEATED EXTENT OF TIER 1 SOIL IMPACTION

- SOIL CONFIRMATION SAMPLE SAMPLE LOCATION
  - (o IMPACTED ABOVE TACO TIER TIER 2 SRO'S)
  - (o IMPACTED ABOVE TACO TIER 1 SRO'S, BUT BELOW TACO TIER 2 SRO'S)
  - (o IMPACTED ABOVE TACO TIER 2 C_{SAT} VALUES)
  - (o REMOVED OR RESAMPLED)
- SOIL BORING SAMPLE LOCATION
  - (o IMPACTED ABOVE TACO TIER 1 SRO'S OFF-SITE OR TIER 2 SRO'S ON-SITE)
  - (o IMPACTED ABOVE TACO TIER 1 SRO'S ON-SITE, BUT BELOW TACO TIER 2 SRO'S)
  - (o IMPACTED ABOVE TACO TIER 2 C_{SAT} VALUES)
  - (o REMOVED OR RESAMPLED)

GWC GREEN WAVE CONSULTING, LLC 4440 ASH GROVE DRIVE, Suite A Springfield, IL 62711 (217–726–7569)	DELINEATED EXTENT OF TIER 1 SOIL IMPACTION MAP	PREPARED WOLFE	DATE 03/2022
	QIK-N-EZ - PEORIA ROAD 2800 NORTH PEORIA ROAD SPRINGFIELD, ILLINOIS 62702	DRAWN WOLFE	DATE 03/2022
		APPROVED WIENHOFF	DATE 03/2022
	INCIDENT NO. 96-1540...2020-1063 / FILE NAME QIK-N-EZ - 2800 PEORIA RD - SAF	PROJECT NO. 370	FIGURE A-1



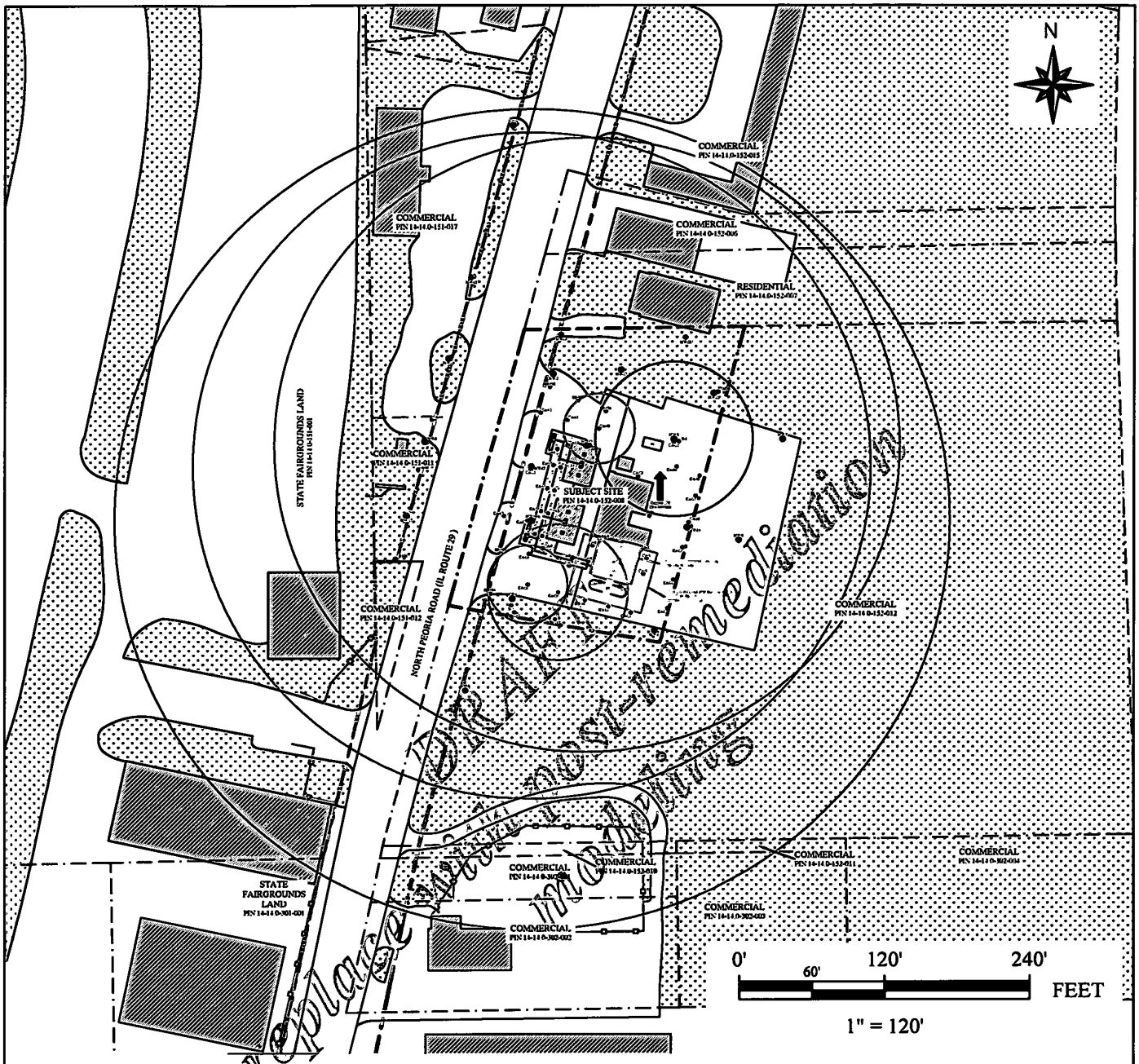
LEGEND

- PROJECT PROPERTY LINE
- PROPERTY / PARCEL LINE
- RIGHT-OF-WAY LINE
- PRODUCT PIPING
- MONITORING WELL LOCATION
- (IMPACTED ABOVE TACO TIER 1 GRO'S)
- PHYSICALLY DELINEATED EXTENT OF TIER 1 GROUNDWATER IMPACTION

0' 25' 50' 100' FEET

1" = 50'

GWC GREEN WAVE CONSULTING, LLC 4440 ASH GROVE DRIVE, Suite A Springfield, IL 62711 (217–726–7569)	DELINEATED EXTENT OF TIER 1 GROUNDWATER IMPACTION MAP	PREPARED WOLFE	DATE 03/2022
	QIK-N-EZ - PEORIA ROAD 2800 NORTH PEORIA ROAD SPRINGFIELD, ILLINOIS 62702	DRAWN WOLFE	DATE 03/2022
		APPROVED WIENHOFF	DATE 03/2022
	INCIDENT NO. 96-1540...2020-1063 / FILE NAME QIK-N-EX - 2800 PEORIA RD - SAF	PROJECT NO. 370	FIGURE A-2a



LEGEND

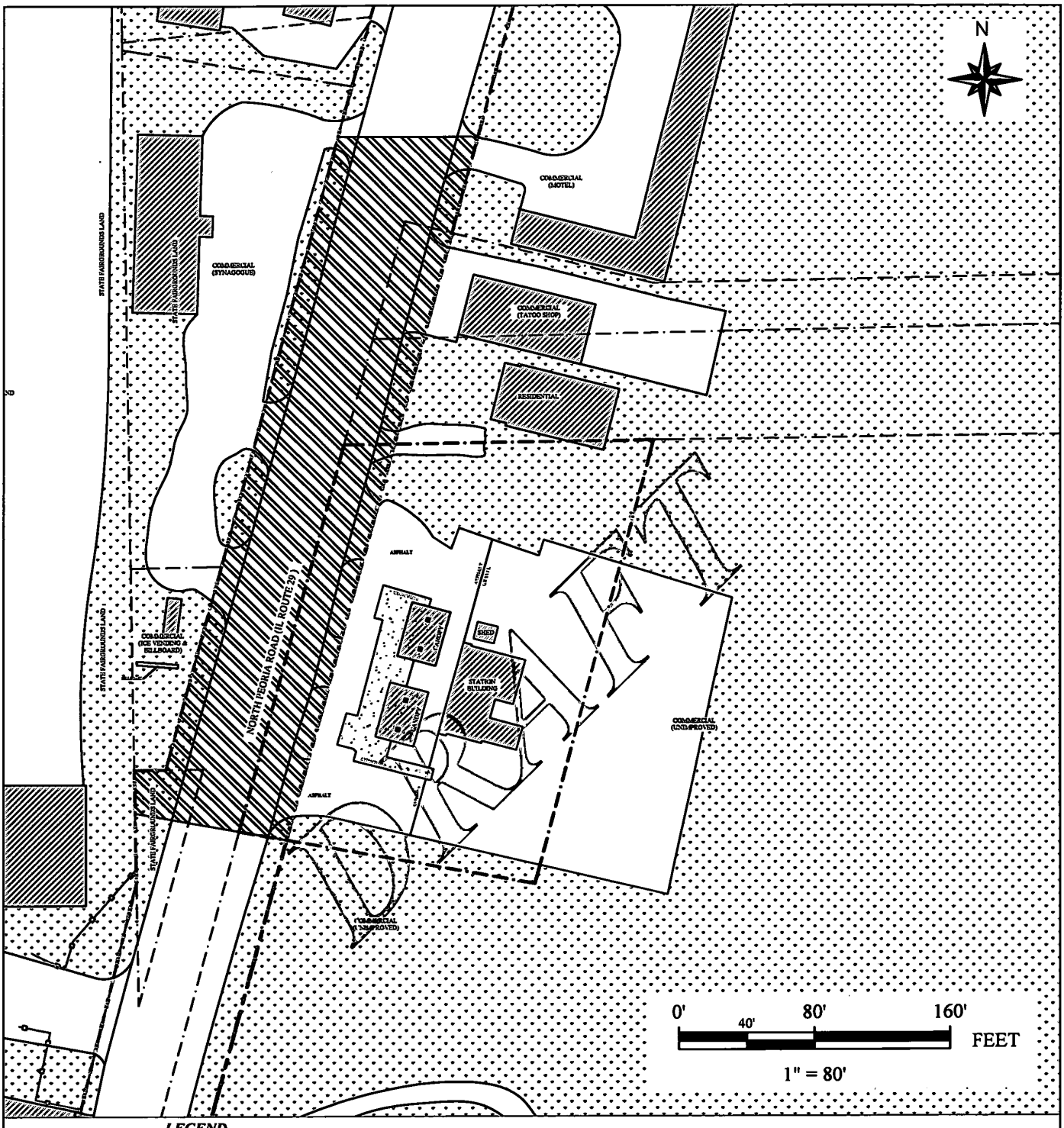
- PROJECT PROPERTY LINE
- PROPERTY / PARCEL LINE
- RIGHT-OF-WAY LINE
- PRODUCT PIPING
- EQUATION R26 MODELED EXTENT - BENZENE SOIL LEACHATE IMPACTION
- EQUATION R26 MODELED EXTENT - BENZENE GROUNDWATER IMPACTION

ONLY LARGEST R26 SOIL LEACHATE AND GROUNDWATER MODEL PER SAMPLE LOCATION IS ILLUSTRATED.

MODELS LESS THAN 1 FOOT ARE NOT ILLUSTRATED.

- SOIL CONFIRMATION SAMPLE SAMPLE LOCATION
  - (o IMPACTED ABOVE TACO TIER TIER 2 SRO'S)
  - (o IMPACTED ABOVE TACO TIER 1 SRO'S, BUT BELOW TACO TIER 2 SRO'S)
  - (o IMPACTED ABOVE TACO TIER 2 C_{SAT} VALUES)
  - (o REMOVED OR RESAMPLED)
- SOIL BORING SAMPLE LOCATION
  - (o IMPACTED ABOVE TACO TIER 1 SRO'S OFF-SITE OR TIER 2 SRO'S ON-SITE)
  - (o IMPACTED ABOVE TACO TIER 1 SRO'S ON-SITE, BUT BELOW TACO TIER 2 SRO'S)
  - (o IMPACTED ABOVE TACO TIER 2 C_{SAT} VALUES)
  - (o REMOVED OR RESAMPLED)
- MONITORING WELL LOCATION
  - (IMPACTED ABOVE TACO TIER 1 GRO'S)
  - (SOIL SAMPLE NOT COLLECTED FROM LOCATION)

GWC GREEN WAVE CONSULTING, LLC 4440 ASH GROVE DRIVE, Suite A Springfield, IL 62711 (217-726-7569)	MODELED EXTENT OF TIER 1 GROUNDWATER IMPACTION MAP	PREPARED WOLFE	DATE 03/2022
	QIK-N-EZ - PEORIA ROAD 2800 NORTH PEORIA ROAD SPRINGFIELD, ILLINOIS 62702	DRAWN WOLFE	DATE 03/2022
		APPROVED WIENHOFF	DATE 03/2022
	INCIDENT NO. 96-1540...2020-1063 / FILE NAME QIK-N-EZ - 2800 PEORIA RD - SAF	PROJECT NO. 370	FIGURE A-2b



LEGEND

- PROJECT PROPERTY LINE
- PROPERTY / PARCEL LINE
- RIGHT-OF-WAY LINE

PROPOSED AREA OF IL DEPARTMENT OF TRANSPORTATION HIGHWAY AUTHORITY AGREEMENT

GWC GREEN WAVE CONSULTING, LLC 4440 ASH GROVE DRIVE, Suite A Springfield, IL 62711 (217–726–7569)	HIGHWAY AUTHORITY AGREEMENT AREA MAP	PREPARED WOLFE	DATE 03/2022
	QIK-N-EZ - PEORIA ROAD 2800 NORTH PEORIA ROAD SPRINGFIELD, ILLINOIS 62702	DRAWN WOLFE	DATE 03/2022
		APPROVED WIENHOFF	DATE 03/2022
	INCIDENT NO. 96-1540...2020-1063 / FILE NAME QIK-N-EZ - 2800 PEORIA RD - SAF	PROJECT NO. 370	FIGURE C

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(replace with updated tables after remediation)

TABLE I
Summary of Analytical Results – Soil

			MW-1	B-4	B-4	MW-3	MW-5	MW-6	IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection			12.5'	5'	9'	8'*	7.5'	7'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling			7.5'	NE	NE	8'	7.5'	7'	Class I	Class II	Residential	Industrial/Commercial	Construction Worker	Residential	Industrial/Commercial	Construction Worker
Date of Sample Collection			2/26/1998	2/26/1998	2/26/1998	2/24/1998	2/24/1998	2/24/1998								
Contaminants of Concern																
Volatile Organic Compounds (5035A/8260B)																
	Units	Rep. Limit														
Benzene	mg/kg	Varies**	0.018	<0.002	<0.002	0.145	<0.002	<0.002	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	0.440	<0.002	<0.002	0.823	<0.002	<0.002	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	0.319	<0.005	<0.005	0.889	<0.005	<0.005	150	150	160,000	410,000	41,000	320	320	5.6
Semi-Volatile Organic Compounds (8270C)																
	Units	Rep. Limit														
Acenaphthene	mg/kg	Varies**	<1.200	<1.200	<1.200	<1.200	<1.200	<1.200	570	2,900	4,700	120,000	120,000	–	–	–
Acenaphthylene	mg/kg	Varies**	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	–	–	–	–	–	–	–	–
Anthracene	mg/kg	Varies**	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	12,000	59,000	23,000	610,000	610,000	–	–	–
Benzo(a)anthracene	mg/kg	Varies**	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	2	8	0.9	8	170	–	–	–
Benzo(a)pyrene	mg/kg	Varies**	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	8	82	0.09	0.8	17	–	–	–
Benzo(b)fluoranthene	mg/kg	Varies**	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	5	25	0.9	8	170	–	–	–
Benzo(k)fluoranthene	mg/kg	Varies**	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	49	250	9	78	1,700	–	–	–
Benzo(ghi)perylene	mg/kg	Varies**	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	–	–	–	–	–	–	–	–
Chrysene	mg/kg	Varies**	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	160	800	88	780	17,000	–	–	–
Dibenzo(a,h)anthracene	mg/kg	Varies**	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	2	7.6	0.09	0.8	17	–	–	–
Fluoranthene	mg/kg	Varies**	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	4,300	31,000	3,100	82,000	82,000	–	–	–
Fluorene	mg/kg	Varies**	<0.140	<0.140	<0.140	<0.140	<0.140	<0.140	560	2,800	3,100	82,000	82,000	–	–	–
Indeno(1,2,3-cd)pyrene	mg/kg	Varies**	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	14	69	0.9	8	170	–	–	–
Naphthalene	mg/kg	Varies**	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	12	18	1,600	41,000	4,100	170	270	1.8
Phenanthrene	mg/kg	Varies**	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	–	–	–	–	–	–	–	–
Pyrene	mg/kg	Varies**	<0.180	<0.180	<0.180	<0.180	<0.180	<0.180	4,200	21,000	2,300	61,000	61,000	–	–	–

* MW-3 (8') sample interval was resampled as CA-22 (8').
** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.
Note: Analytical testing results for BTEX and PNAs are expressed in parts-per-million (ppm) concentrations.
Note: Exceedances of the IEPA TACO Tier 1 SROs in bold.

TABLE I
Summary of Analytical Results – Soil

			MW-5	MW-6	MW-7	MW-8	MW-9	—	IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection			6.5'	6'	6.5'	6.5'	6'	—	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling			6.5'	6'	6.5'	6.5'	6'	—	Class I	Class II	Residential	Industrial/Commercial	Construction Worker	Residential	Industrial/Commercial	Construction Worker
Date of Sample Collection			9/9/1999	9/9/1999	1/7/2001	1/7/2001	1/7/2001	—								
Contaminants of Concern																
Volatile Organic Compounds (5035A/8260B)																
	Units	Rep. Limit														
Benzene	mg/kg	Varies**	<0.002	<0.002	<0.002	<0.002	<0.002	—	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	<0.002	<0.002	<0.002	<0.002	<0.002	—	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	<0.002	<0.002	<0.002	<0.002	<0.002	—	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	<0.005	<0.005	<0.005	<0.005	<0.005	—	150	150	160,000	410,000	41,000	320	320	5.6
Semi-Volatile Organic Compounds (8270C)																
	Units	Rep. Limit														
Acenaphthene	mg/kg	Varies**	<1.200	<1.200	<1.200	<1.200	<1.200	—	570	2,900	4,700	120,000	120,000	–	–	–
Acenaphthylene	mg/kg	Varies**	<0.660	<0.660	<0.660	<0.660	<0.660	—	–	–	–	–	–	–	–	–
Anthracene	mg/kg	Varies**	<0.660	<0.660	<0.660	<0.660	<0.660	—	12,000	59,000	23,000	610,000	610,000	–	–	–
Benzo(a)anthracene	mg/kg	Varies**	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	—	2	8	0.9	8	170	–	–	–
Benzo(a)pyrene	mg/kg	Varies**	<0.015	<0.015	<0.015	<0.015	<0.015	—	8	82	0.09	0.8	17	–	–	–
Benzo(b)fluoranthene	mg/kg	Varies**	<0.011	<0.011	<0.011	<0.011	<0.011	—	5	25	0.9	8	170	–	–	–
Benzo(k)fluoranthene	mg/kg	Varies**	<0.011	<0.011	<0.011	<0.011	<0.011	—	49	250	9	78	1,700	–	–	–
Benzo(ghi)perylene	mg/kg	Varies**	<0.051	<0.051	<0.051	<0.051	<0.051	—	–	–	–	–	–	–	–	–
Chrysene	mg/kg	Varies**	<0.100	<0.100	<0.100	<0.100	<0.100	—	160	800	88	780	17,000	–	–	–
Dibenzo(a,h)anthracene	mg/kg	Varies**	<0.020	<0.020	<0.020	<0.020	<0.020	—	2	7.6	0.09	0.8	17	–	–	–
Fluoranthene	mg/kg	Varies**	<0.660	<0.660	<0.660	<0.660	<0.660	—	4,300	31,000	3,100	82,000	82,000	–	–	–
Fluorene	mg/kg	Varies**	<0.140	<0.140	<0.140	<0.140	<0.140	—	560	2,800	3,100	82,000	82,000	–	–	–
Indeno(1,2,3-cd)pyrene	mg/kg	Varies**	<0.029	<0.029	<0.029	<0.029	<0.029	—	14	69	0.9	8	170	–	–	–
Naphthalene	mg/kg	Varies**	<0.660	<0.660	<0.660	<0.660	<0.660	—	12	18	1,600	41,000	4,100	170	270	1.8
Phenanthrene	mg/kg	Varies**	<0.660	<0.660	<0.660	<0.660	<0.660	—	–	–	–	–	–	–	–	–
Pyrene	mg/kg	Varies**	<0.180	<0.180	<0.180	<0.180	<0.180	—	4,200	21,000	2,300	61,000	61,000	–	–	–

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.
Note: Analytical testing results for BTEX and PNAs are expressed in parts-per-million (ppm) concentrations.
Note: Exceedances of the IEPA TACO Tier 1 SROs in bold.

TABLE I
Summary of Analytical Results – Soil

			MW-10			MW-11			IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection			5'*	10'	14'	5'*	10'	14'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling			6'			6'			Class I	Class II	Residential	Industrial/Commercial	Construction Worker	Residential	Industrial/Commercial	Construction Worker
Date of Sample Collection			7/9/2007			7/9/2007										
Contaminants of Concern																
Volatile Organic Compounds (5035A/8260B)																
	Units	Rep. Limit														
Benzene	mg/kg	Varies**	0.030	7.13	11.1	0.220	3.67	18.2	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	0.272	31.7	33.0	<0.00449	0.485	40.4	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	0.607	13.8	11.9	<0.00449	11.5	36.1	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	2.33	71.0	60.3	0.782	56.0	104	150	150	160,000	410,000	41,000	320	320	5.6
Semi-Volatile Organic Compounds (8270C)																
	Units	Rep. Limit														
Acenaphthene	mg/kg	Varies**	<0.00506	<0.00479	<0.00489	<0.00512	<0.00491	<0.00485	570	2,900	4,700	120,000	120,000	–	–	–
Acenaphthylene	mg/kg	Varies**	<0.00506	<0.00479	<0.00489	<0.00512	<0.00491	<0.00485	–	–	–	–	–	–	–	–
Anthracene	mg/kg	Varies**	<0.00506	<0.00479	<0.00489	<0.00512	<0.00491	<0.00485	12,000	59,000	23,000	610,000	610,000	–	–	–
Benzo(a)anthracene	mg/kg	Varies**	<0.00506	<0.00479	<0.00489	<0.00512	<0.00491	<0.00485	2	8	0.9	8	170	–	–	–
Benzo(a)pyrene	mg/kg	Varies**	<0.00506	<0.00479	<0.00489	<0.00512	<0.00491	<0.00485	8	82	0.09	0.8	17	–	–	–
Benzo(b)fluoranthene	mg/kg	Varies**	<0.00506	<0.00479	<0.00489	<0.00512	<0.00491	<0.00485	5	25	0.9	8	170	–	–	–
Benzo(k)fluoranthene	mg/kg	Varies**	<0.00506	<0.00479	<0.00489	<0.00512	<0.00491	<0.00485	49	250	9	78	1,700	–	–	–
Benzo(ghi)perylene	mg/kg	Varies**	<0.00506	<0.00479	<0.00489	<0.00512	<0.00491	<0.00485	–	–	–	–	–	–	–	–
Chrysene	mg/kg	Varies**	<0.00506	<0.00479	<0.00489	<0.00512	<0.00491	<0.00485	160	800	88	780	17,000	–	–	–
Dibenzo(a,h)anthracene	mg/kg	Varies**	<0.00506	<0.00479	<0.00489	<0.00512	<0.00491	<0.00485	2	7.6	0.09	0.8	17	–	–	–
Fluoranthene	mg/kg	Varies**	<0.00506	<0.00479	<0.00489	<0.00512	<0.00491	<0.00485	4,300	31,000	3,100	82,000	82,000	–	–	–
Fluorene	mg/kg	Varies**	<0.00506	<0.00479	<0.00489	<0.00512	<0.00491	<0.00485	560	2,800	3,100	82,000	82,000	–	–	–
Indeno(1,2,3-cd)pyrene	mg/kg	Varies**	<0.00506	<0.00479	<0.00489	<0.00512	<0.00491	<0.00485	14	69	0.9	8	170	–	–	–
Naphthalene	mg/kg	Varies**	<0.00506	0.609	1.56	<0.00512	2.53	5.01	12	18	1,600	41,000	4,100	170	270	1.8
Phenanthrene	mg/kg	Varies**	<0.00506	<0.00479	<0.00489	<0.00512	<0.00491	<0.00485	–	–	–	–	–	–	–	–
Pyrene	mg/kg	Varies**	<0.00506	<0.00479	<0.00489	<0.00512	<0.00491	<0.00485	4,200	21,000	2,300	61,000	61,000	–	–	–

* MW-10 (5') sample interval was resampled as CA-27 (6'). MW-11 (5') sample interval was resampled as CA-26 (6').
** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.
Note: Analytical testing results for BTEX and PNAs are expressed in parts-per-million (ppm) concentrations.
Note: Exceedances of the IEPA TACO Tier 1 SROs in bold.

TABLE I
Summary of Analytical Results – Soil

			MW-12			MW-13			IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection			[illegible]	10'	15'	5'	10'	15'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling			5'			15.5'			Class I	Class II	Residential	Industrial/Commercial	Construction Worker	Residential	Industrial/Commercial	Construction Worker
Date of Sample Collection			8/29/2007			8/29/2007										
Contaminants of Concern																
Volatile Organic Compounds (5035A/8260B)																
	Units	Rep. Limit														
Benzene	mg/kg	Varies**	<0.0024	<0.0021	<0.0018	0.0016	<0.0023	<0.0020	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	<0.0024	<0.0021	<0.0018	0.0022	<0.0023	<0.0020	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	<0.0024	<0.0021	<0.0018	<0.0022	<0.0023	<0.0020	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	<0.0060	<0.0053	<0.0045	<0.0054	<0.0057	<0.0049	150	150	160,000	410,000	41,000	320	320	5.6
Methyl tertiary-butyl ether	mg/kg	Varies**	<0.0024	<0.0021	<0.0018	<0.0022	<0.0023	<0.0020	0.32	0.32	780	20,000	2,000	8,800	8,800	140
Semi-Volatile Organic Compounds (8270C)																
	Units	Rep. Limit														
Acenaphthene	mg/kg	Varies**	<0.0786	<0.0868	<0.0791	<0.0760	<0.0771	<0.0807	570	2,900	4,700	120,000	120,000	–	–	–
Acenaphthylene	mg/kg	Varies**	<0.0786	<0.0868	<0.0791	<0.0760	<0.0771	<0.0807	–	–	–	–	–	–	–	–
Anthracene	mg/kg	Varies**	<0.0786	<0.0868	<0.0791	<0.0760	<0.0771	<0.0807	12,000	59,000	23,000	610,000	610,000	–	–	–
Benzo(a)anthracene	mg/kg	Varies**	<0.0786	<0.0868	<0.0791	<0.0760	<0.0771	<0.0807	2	8	0.9	8	170	–	–	–
Benzo(a)pyrene	mg/kg	Varies**	<0.0786	<0.0868	<0.0791	<0.0760	<0.0771	<0.0807	8	82	0.09	0.8	17	–	–	–
Benzo(b)fluoranthene	mg/kg	Varies**	<0.0786	<0.0868	<0.0791	<0.0760	<0.0771	<0.0807	5	25	0.9	8	170	–	–	–
Benzo(k)fluoranthene	mg/kg	Varies**	<0.0786	<0.0868	<0.0791	<0.0760	<0.0771	<0.0807	49	250	9	78	1,700	–	–	–
Benzo(ghi)perylene	mg/kg	Varies**	<0.0786	<0.0868	<0.0791	<0.0760	<0.0771	<0.0807	–	–	–	–	–	–	–	–
Chrysene	mg/kg	Varies**	<0.0786	<0.0868	<0.0791	<0.0760	<0.0771	<0.0807	160	800	88	780	17,000	–	–	–
Dibenzo(a,h)anthracene	mg/kg	Varies**	<0.0786	<0.0868	<0.0791	<0.0760	<0.0771	<0.0807	2	7.6	0.09	0.8	17	–	–	–
Fluoranthene	mg/kg	Varies**	<0.0786	<0.0868	<0.0791	<0.0760	<0.0771	<0.0807	4,300	31,000	3,100	82,000	82,000	–	–	–
Fluorene	mg/kg	Varies**	<0.0822	<0.0907	<0.0826	<0.0794	<0.0809	<0.0843	560	2,800	3,100	82,000	82,000	–	–	–
Indeno(1,2,3-cd)pyrene	mg/kg	Varies**	<0.0786	<0.0868	<0.0791	<0.0760	<0.0771	<0.0807	14	69	0.9	8	170	–	–	–
Naphthalene	mg/kg	Varies**	<0.0786	<0.0868	<0.0791	<0.0760	<0.0771	<0.0807	12	18	1,600	41,000	4,100	170	270	1.8
Phenanthrene	mg/kg	Varies**	<0.0786	<0.0868	<0.0791	<0.0760	<0.0771	<0.0807	–	–	–	–	–	–	–	–
Pyrene	mg/kg	Varies**	<0.0786	<0.0868	<0.0791	<0.0760	<0.0771	<0.0807	4,200	21,000	2,300	61,000	61,000	–	–	–

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.
Note: Analytical testing results for BTEX, MTBE and PNAs are expressed in parts-per-million (ppm) concentrations.
Note: Exceedances of the IEPA TACO Tier 1 SROs in bold.

TABLE 1
Summary of Analytical Results – Soil

			MW-44			MW-45		—	IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection			3'	10'	15'	3'*	6'*	—	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling			7'			10'		—	Class I	Class II	Residential	Industrial Commercial	Construction Worker	Residential	Industrial Commercial	Construction Worker
Date of Sample Collection			6/29/2007			4/27/2001		—								
Contaminants of Concern																
Volatile Organic Compounds (5035A/8260B)																
	Units	Rep. Limit														
Benzene	mg/kg	Varies**	< 0.0021	< 0.0020	< 0.0017	0.119	0.317	—	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	< 0.0021	< 0.0020	< 0.0017	< 0.00540	0.0290	—	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	< 0.0021	< 0.0020	< 0.0017	0.0461	0.376	—	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	< 0.0032	< 0.0030	< 0.0043	0.0111	0.514	—	150	150	160,000	410,000	41,000	320	320	5.6
Methyl tertiary-butyl ether	mg/kg	Varies**	< 0.0021	< 0.0020	< 0.0017	< 0.00540	< 0.00474	—	0.32	0.32	780	20,000	2,000	8,800	8,800	140
Semi-Volatile Organic Compounds (8270C)																
	Units	Rep. Limit														
Acenaphthene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 1.040	< 1.060	—	570	2,900	4,700	120,000	120,000	—	—	—
Acenaphthylene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.571	< 0.584	—	—	—	—	—	—	—	—	—
Anthracene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.573	< 0.584	—	12,000	59,000	23,000	610,000	610,000	—	—	—
Benzo(a)anthracene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.00755	< 0.00770	—	2	8	0.9	8	170	—	—	—
Benzo(a)pyrene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.0130	< 0.0133	—	8	82	0.09	0.8	17	—	—	—
Benzo(b)fluoranthene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.00955	< 0.00973	—	5	25	0.9	8	170	—	—	—
Benzo(k)fluoranthene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.00955	< 0.00973	—	49	250	9	78	1,700	—	—	—
Benzo(ghi)perylene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.0441	< 0.0411	—	—	—	—	—	—	—	—	—
Chrysene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.0863	< 0.00883	—	160	800	88	780	17,000	—	—	—
Dibenz(a,h)anthracene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.0176	< 0.0177	—	2	7.6	0.09	0.8	17	—	—	—
Fluoranthene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.573	< 0.584	—	4,300	21,000	3,100	82,000	82,000	—	—	—
Fluorene	mg/kg	Varies**	< 0.0872	< 0.0864	< 0.0831	< 0.121	< 0.124	—	560	2,800	3,100	82,000	82,000	—	—	—
Indeno(1,2,3-cd)pyrene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.0232	< 0.0237	—	14	69	0.9	8	170	—	—	—
Naphthalene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.573	< 0.584	—	12	18	1,600	41,000	4,100	170	270	1.8
Phenanthrene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.573	< 0.584	—	—	—	—	—	—	—	—	—
Pyrene	mg/kg	Varies**	< 0.0834	< 0.0827	< 0.0796	< 0.156	< 0.159	—	4,200	21,000	2,300	61,000	61,000	—	—	—

* MW-45 (3') and MW-45 (6') sample intervals were resampled as CA-21 (4') and CA-21 (7.5').
** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.
Note: Analytical testing results for BTEX/MTBE and PNAs are expressed in parts-per-million (ppm) concentrations
Note: Exceedances of the IEPA TACO Tier 1 SROs in bold

TABLE 1
Summary of Analytical Results – Soil

			CA-1		CA-2		CA-3		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling			[illegible]		[illegible]		[illegible]		Class I	Class II	Residential	Industrial Commercial	Construction Worker	Residential	Industrial Commercial	Construction Worker
Date of Sample Collection			5/5/2020		5/5/2020		5/5/2020									
Contaminants of Concern																
Volatile Organic Compounds (5035A/8260B)																
	Units	Rep. Limit														
Benzene	mg/kg	Varies**	< 0.0418	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	< 0.0425	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	< 0.0425	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	< 0.0642	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	150	150	160,000	410,000	41,000	320	320	5.6

			CA-4		CA-5		CA-6		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection			[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling			[illegible]		[illegible]		[illegible]		Class I	Class II	Residential	Industrial Commercial	Construction Worker	Residential	Industrial Commercial	Construction Worker
Date of Sample Collection			5/5/2020		5/5/2020		5/5/2020									
Contaminants of Concern																
Volatile Organic Compounds (5035A/8260B)																
	Units	Rep. Limit														
Benzene	mg/kg	Varies**	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	150	150	160,000	410,000	41,000	320	320	5.6

			CA-7		CA-8		CA-9		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection			4.0'	7.5'	4.0'	6.0'	4.0'	7.0'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling			~7.5'		~7.5'		~7.5'		Class I	Class II	Residential	Industrial Commercial	Construction Worker	Residential	Industrial Commercial	Construction Worker
Date of Sample Collection			5/5/2020		5/5/2020		5/5/2020									
Contaminants of Concern																
Volatile Organic Compounds (5035A/8260B)																
	Units	Rep. Limit														
Benzene	mg/kg	Varies**	19.7	31.3	33.7	24.6	24.5	31.7	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	781	819	653	764	653	674	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	172	183	146	177	142	154	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	858	900	724	890	780	770	150	150	160,000	410,000	41,000	320	320	5.6

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.
Note: Analytical testing results for BTEX are expressed in parts-per-million (ppm) concentrations
Note: Exceedances of the IEPA TACO Tier 1 SROs in bold
Note: Stockpile rough samples were excavated and removed

TABLE 1
Summary of Analytical Results – Soil

			CA-10		CA-11		CA-12		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection			2.5'	7.5'	4.0'	7.0'	4.0'	7.0'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling			~7.5'		~7.5'		~7.5'		Class I	Class II	Residential	Industrial Commercial	Construction Worker	Residential	Industrial Commercial	Construction Worker
Date of Sample Collection			5/5/2020		5/5/2020		5/5/2020									
Contaminants of Concern																
Volatile Organic Compounds (5035A/8260B)																
	Units	Rep. Limit														
Benzene	mg/kg	Varies**	23.8	10.5	13.3	21.9	27.5	9.39	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	619	574	348	780	686	267	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	128	139	77.5	173	153	64.3	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	659	695	384	862	739	336	150	150	160,000	410,000	41,000	320	320	5.6

			CA-13		CA-14		CA-15		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection			4.0'	7.0'	4.0'	7.5'	4.0'	7.5'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling			~7.5'		~7.5'		~7.5'		Class I	Class II	Residential	Industrial Commercial	Construction Worker	Residential	Industrial Commercial	Construction Worker
Date of Sample Collection			5/5/2020		5/5/2020		5/5/2020									
Contaminants of Concern																
Volatile Organic Compounds (5035A/8260B)																
	Units	Rep. Limit														
Benzene	mg/kg	Varies**	22.4	18.7	17.9	29.8	19.3	30.2	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	510	740	474	756	516	780	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	130	166	104	171	113	137	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	649	830	521	848	559	663	150	150	160,000	410,000	41,000	320	320	5.6

			CA-16		CA-17		CA-18		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection			4.0'	7.5'	4.0'	7.5'	4.0'	7.5'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling			~7.5'		~7.5'		~7.5'		Class I	Class II	Residential	Industrial Commercial	Construction Worker	Residential	Industrial Commercial	Construction Worker
Date of Sample Collection			5/5/2020		5/5/2020		5/5/2020									
Contaminants of Concern																
Volatile Organic Compounds (5035A/8260B)																
	Units	Rep. Limit														
Benzene	mg/kg	Varies**	26.5	14.5	14.7	13.2	10.4	9.87	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	705	397	394	407	380	329	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	151	100	86.6	103	69.4	98.4	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	790	480	430	497	345	494	150	150	160,000	410,000	41,000	320	320	5.6

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.
Note: Analytical testing results for BTEX are expressed in parts-per-million (ppm) concentrations
Note: Exceedances of the IEPA TACO Tier 1 SROs in bold

TABLE 1
Summary of Analytical Results – Soil

			CA-19		CA-20		CA-21		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection			4.0'	7.5'	4.0'	7.5'	4.0'	7.5'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling			~7.5'		~7.5'		~7.5'		Class I	Class II	Residential	Industrial Commercial	Construction Worker	Residential	Industrial Commercial	Construction Worker
Date of Sample Collection			5/5/2020		5/5/2020		5/5/2020									
Contaminants of Concern																
Volatile Organic Compounds (5035A/8260B)																
	Units	Rep. Limit														
Benzene	mg/kg	Varies**	24.0	22.0	19.8	23.3	0.979	17.9	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	613	516	502	525	< 0.0461	251	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	126	133	111	123	0.109	84.0	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	679	610	553	617	0.147	383	150	150	160,000	410,000	41,000	320	320	5.6

			CA-22		CA-23		CA-24		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection			2.5'	6.0'	2.5'	7.5'	2.5'	7.5'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling			~7.5'		~7.5'		~7.5'		Class I	Class II	Residential	Industrial Commercial	Construction Worker	Residential	Industrial Commercial	Construction Worker
Date of Sample Collection			5/5/2020		5/5/2020		5/5/2020									
Contaminants of Concern																
Volatile Organic Compounds (5035A/8260B)																
	Units	Rep. Limit														
Benzene	mg/kg	Varies**	< 0.0122	0.0558	< 0.0128	16.8	< 0.0111	20.1	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	< 0.0073	0.135	< 0.103	390	< 0.0087	545	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	< 0.0486	0.0720	< 0.0513	83.9	< 0.0441	144	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	< 0.0486	0.269	0.0518	460	< 0.0441	743	150	150	160,000	410,000	41,000	320	320	5.6

			CA-25		CA-26	CA-27	CA-28		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection			4.0'	7.5'	4.0'	4.0'	2.5'	7.5'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling			~7.5'		N/A	N/A	~10'		Class I	Class II	Residential	Industrial Commercial	Construction Worker	Residential	Industrial Commercial	Construction Worker
Date of Sample Collection			5/5/2020		5/5/2020	5/5/2020	12/3/2020									
Contaminants of Concern																
Volatile Organic Compounds (5035A/8260B)																
	Units	Rep. Limit														
Benzene	mg/kg	Varies**	20.5	39.6	19.9	14.3	0.204	0.649	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	437	729	430	343	< 0.0405	< 0.0534	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	104	190	103	86.6	< 0.0405	1.30	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	516	878	520	419	< 0.0811	3.75	150	150	160,000	410,000	41,000	320	320	5.6

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.
Note: Analytical testing results for BTEX are expressed in parts-per-million (ppm) concentrations
Note: Exceedances of the IEPA TACO Tier 1 SROs in bold

TABLE I
Summary of Analytical Results – Soil

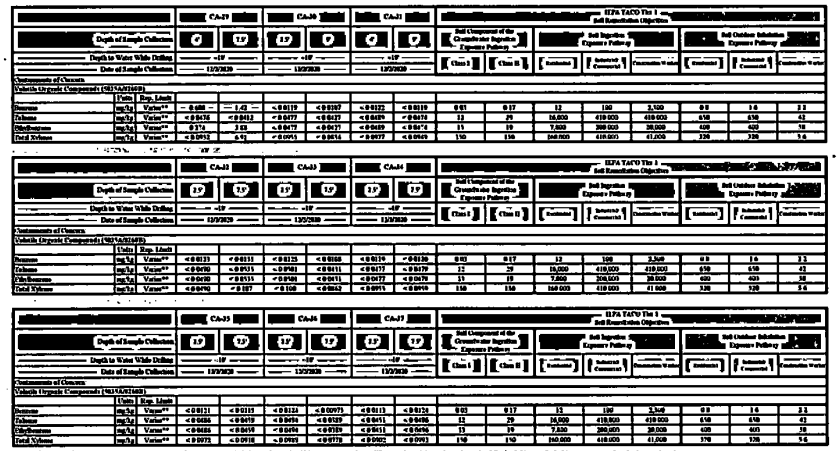
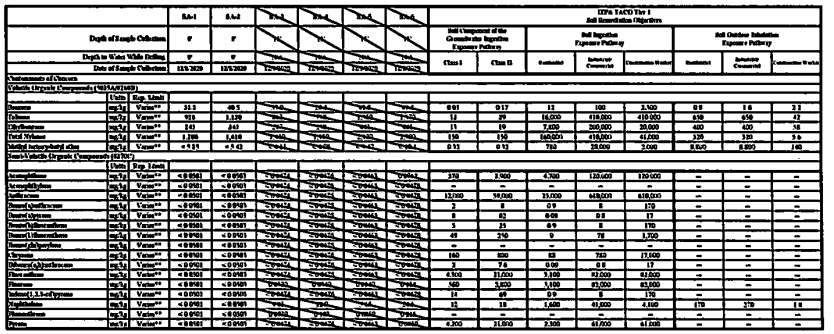


TABLE I
Summary of Analytical Results – Soil



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(replace with updated tables

after remediation)

TABLE I
Summary of Analytical Results – Soil

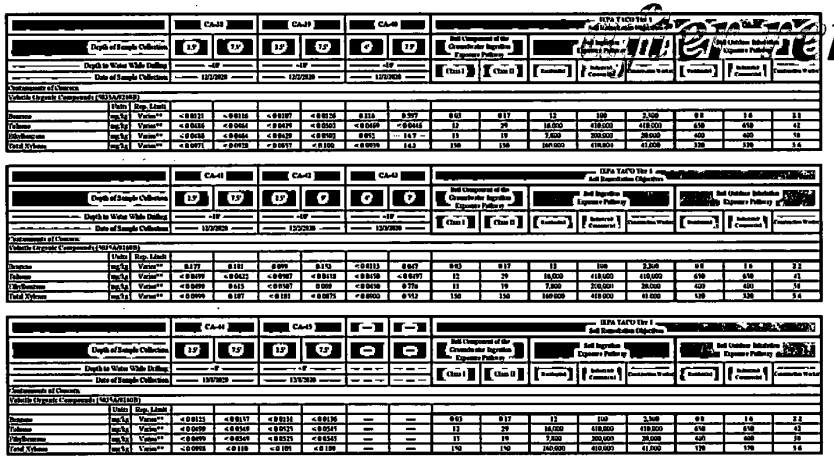

TABLE I
Summary of Analytical Results – Soil

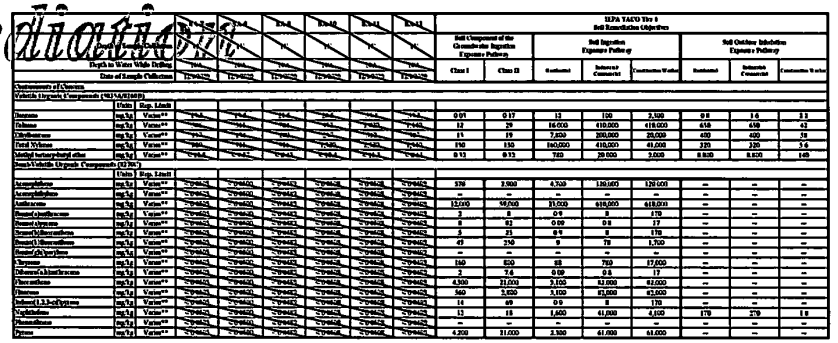

TABLE 1
Summary of Analytical Results – Soil

			SA-3	SA-4	SA-5	SA-6	SA-13	SA-14	IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection			17'	17'	17'	17'	11'	11'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling			N/A	N/A	N/A	N/A	N/A	N/A	Class I	Class II	Residential	Industrial/Commercial	Construction Worker	Residential	Industrial/Commercial	Construction Worker
Date of Sample Collection			12/9/2020	12/9/2020	12/9/2020	12/9/2020	12/11/2020	12/11/2020								
Contaminants of Concern																
Volatile Organic Compounds (5035A/8260B)																
	Units	Rep. Limit														
Benzene	mg/kg	Varies**	43.0	95.7	79.9	43.6	<0.0121	<0.0149	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	1,330	3,060	3,090	1,370	<0.0482	0.0311	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	355	769	698	347	<0.0482	<0.0598	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	1,780	3,520	3,180	1,730	<0.0965	<0.120	150	150	160,000	410,000	41,000	320	320	5.6
Methyl tertiary-butyl ether	mg/kg	Varies**	<9.86	<10.0	<13.6	<11.3	<0.0482	<0.0598	0.32	0.32	780	20,000	2,000	8,800	8,800	140
Semi-Volatile Organic Compounds (8270C)																
	Units	Rep. Limit														
Acenaphthene	mg/kg	Varies**	<0.0480	<0.0494	<0.0500	<0.0499	<0.0496	<0.0490	570	2,900	4,700	120,000	120,000	—	—	—
Acenaphthylene	mg/kg	Varies**	<0.0480	<0.0494	<0.0500	<0.0499	<0.0496	<0.0490	—	—	—	—	—	—	—	—
Anthracene	mg/kg	Varies**	<0.0480	<0.0494	<0.0500	<0.0499	<0.0496	<0.0490	12,000	59,000	23,000	610,000	610,000	—	—	—
Benzo(a)anthracene	mg/kg	Varies**	<0.0480	<0.0494	<0.0500	<0.0499	<0.0496	<0.0490	2	8	0.9	8	170	—	—	—
Benzo(a)pyrene	mg/kg	Varies**	<0.0480	<0.0494	<0.0500	<0.0499	<0.0496	<0.0490	8	82	0.09	0.8	17	—	—	—
Benzo(b)fluoranthene	mg/kg	Varies**	<0.0480	<0.0494	<0.0500	<0.0499	<0.0496	<0.0490	5	25	0.9	8	170	—	—	—
Benzo(k)fluoranthene	mg/kg	Varies**	<0.0480	<0.0494	<0.0500	<0.0499	<0.0496	<0.0490	49	250	9	78	1,700	—	—	—
Benzo(ghi)perylene	mg/kg	Varies**	<0.0480	<0.0494	<0.0500	<0.0499	<0.0496	<0.0490	—	—	—	—	—	—	—	—
Chrysene	mg/kg	Varies**	<0.0480	<0.0494	<0.0500	<0.0499	<0.0496	<0.0490	160	800	88	780	17,000	—	—	—
Dibenzo(a,h)anthracene	mg/kg	Varies**	<0.0480	<0.0494	<0.0500	<0.0499	<0.0496	<0.0490	2	7.6	0.09	0.8	17	—	—	—
Fluoranthene	mg/kg	Varies**	<0.0480	<0.0494	<0.0500	<0.0499	<0.0496	<0.0490	4,300	21,000	3,100	82,000	82,000	—	—	—
Fluorene	mg/kg	Varies**	<0.0480	<0.0494	<0.0500	<0.0499	<0.0496	<0.0490	560	2,800	3,100	82,000	82,000	—	—	—
Indeno(1,2,3-cd)pyrene	mg/kg	Varies**	<0.0480	<0.0494	<0.0500	<0.0499	<0.0496	<0.0490	14	69	0.9	8	170	—	—	—
Naphthalene	mg/kg	Varies**	0.393	0.291	<0.0500	<0.0499	<0.0496	<0.0490	12	18	1,600	41,000	4,100	170	270	1.8
Phenanthrene	mg/kg	Varies**	<0.0480	<0.0494	<0.0500	<0.0499	<0.0496	<0.0490	—	—	—	—	—	—	—	—
Pyrene	mg/kg	Varies**	<0.0480	<0.0494	<0.0500	<0.0499	<0.0496	<0.0490	4,200	21,000	2,300	61,000	61,000	—	—	—

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.
Note. Analytical testing results for BTEX/MTBE and PNAs are expressed in parts-per-million (ppm) concentrations.
Note. Exceedances of the IEPA TACO Tier 1 SROs in bold.

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(replace with updated tables after remediation)

TABLE 1
Summary of Analytical Results – Soil

			SA-15	SA-16	SA-17	SA-18	—	—	IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection			11'	11'	11'	13'	—	—	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling			N/A	N/A	N/A	N/A	—	—	Class I	Class II	Residential	Industrial/Commercial	Construction Worker	Residential	Industrial/Commercial	Construction Worker
Date of Sample Collection			12/11/2020	12/11/2020	12/11/2020	12/11/2020	—	—								
Contaminants of Concern																
Volatile Organic Compounds (5035A/8260B)																
	Units	Rep. Limit														
Benzene	mg/kg	Varies**	<0.0112	0.0261	86.4	54.7	—	—	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	0.104	0.253	3,280	1,690	—	—	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	<0.0528	<0.0557	647	462	—	—	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	<0.106	0.0765	3,140	2,240	—	—	150	150	160,000	410,000	41,000	320	320	5.6
Methyl tertiary-butyl ether	mg/kg	Varies**	<0.0528	<0.0557	<12.5	<9.72	—	—	0.32	0.32	780	20,000	2,000	8,800	8,800	140
Semi-Volatile Organic Compounds (8270C)																
	Units	Rep. Limit														
Acenaphthene	mg/kg	Varies**	<0.0485	<0.0495	<0.0500	<0.0499	—	—	570	2,900	4,700	120,000	120,000	—	—	—
Acenaphthylene	mg/kg	Varies**	<0.0485	<0.0495	<0.0500	<0.0498	—	—	—	—	—	—	—	—	—	—
Anthracene	mg/kg	Varies**	<0.0485	<0.0495	<0.0500	<0.0499	—	—	12,000	59,000	23,000	610,000	610,000	—	—	—
Benzo(a)anthracene	mg/kg	Varies**	<0.0485	<0.0495	<0.0500	<0.0499	—	—	2	8	0.9	8	170	—	—	—
Benzo(a)pyrene	mg/kg	Varies**	<0.0485	<0.0495	<0.0500	<0.0499	—	—	8	82	0.09	0.8	17	—	—	—
Benzo(b)fluoranthene	mg/kg	Varies**	<0.0485	<0.0495	<0.0500	<0.0499	—	—	5	25	0.9	8	170	—	—	—
Benzo(k)fluoranthene	mg/kg	Varies**	<0.0485	<0.0495	<0.0500	<0.0499	—	—	49	250	9	78	1,700	—	—	—
Benzo(ghi)perylene	mg/kg	Varies**	<0.0485	<0.0495	<0.0500	<0.0499	—	—	—	—	—	—	—	—	—	—
Chrysene	mg/kg	Varies**	<0.0485	<0.0495	<0.0500	<0.0499	—	—	160	800	88	780	17,000	—	—	—
Dibenzo(a,h)anthracene	mg/kg	Varies**	<0.0485	<0.0495	<0.0500	<0.0499	—	—	2	7.6	0.09	0.8	17	—	—	—
Fluoranthene	mg/kg	Varies**	<0.0485	<0.0495	<0.0500	<0.0499	—	—	4,300	21,000	3,100	82,000	82,000	—	—	—
Fluorene	mg/kg	Varies**	<0.0485	<0.0495	<0.0500	<0.0499	—	—	560	2,800	3,100	82,000	82,000	—	—	—
Indeno(1,2,3-cd)pyrene	mg/kg	Varies**	<0.0485	<0.0495	<0.0500	<0.0499	—	—	14	69	0.9	8	170	—	—	—
Naphthalene	mg/kg	Varies**	<0.0485	<0.0495	<0.0500	<0.0499	—	—	12	18	1,600	41,000	4,100	170	270	1.8
Phenanthrene	mg/kg	Varies**	<0.0485	<0.0495	<0.0500	<0.0499	—	—	—	—	—	—	—	—	—	—
Pyrene	mg/kg	Varies**	<0.0485	<0.0495	<0.0500	<0.0499	—	—	4,200	21,000	2,300	61,000	61,000	—	—	—

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.
Note. Analytical testing results for BTEX/MTBE and PNAs are expressed in parts-per-million (ppm) concentrations.
Note. Exceedances of the IEPA TACO Tier 1 SROs in bold.

TABLE 1
Summary of Analytical Results – Soil

			MW-16		MW-17		SB-181		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection			1.5'	6'	2.5'	6'	1.5'	7'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling			9'		9'		8'		Class I	Class II	Residential	Industrial/Commercial	Construction Worker	Residential	Industrial/Commercial	Construction Worker
Date of Sample Collection			12/20/2021		12/20/2021		12/20/2021									
Contaminants of Concern																
Volatile Organic Compounds (5035A/8260B)																
	Units	Rep. Limit														
Benzene	mg/kg	Varies**	<0.0281	<0.0291	<0.0284	<0.0290	<0.0284	<0.0285	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	<0.0750	<0.0771	<0.0789	<0.0806	<0.0790	<0.0791	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	<0.0750	<0.0771	<0.0789	<0.0806	<0.0790	<0.0791	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	<0.225	<0.231	<0.237	<0.242	<0.237	<0.237	150	150	160,000	410,000	41,000	320	320	5.6
Methyl tertiary-butyl ether	mg/kg	Varies**	<0.0750	<0.0771	<0.0789	<0.0806	<0.0790	<0.0791	0.32	0.32	780	20,000	2,000	8,800	8,800	140

			SB-182		SB-183		SB-184		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection			1.5'	7'	1.5'	7'	2.5'	7'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling			8'		8'		8'		Class I	Class II	Residential	Industrial/Commercial	Construction Worker	Residential	Industrial/Commercial	Construction Worker
Date of Sample Collection			12/20/2021		12/20/2021		12/20/2021									
Contaminants of Concern																
Volatile Organic Compounds (5035A/8260B)																
	Units	Rep. Limit														
Benzene	mg/kg	Varies**	<0.0286	<0.0285	<0.0293	<0.0289	<0.0287	<0.0299	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	<0.0794	<0.0792	<0.0815	<0.0804	<0.0797	<0.0787	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	<0.0794	<0.0792	<0.0815	<0.0804	<0.0797	<0.0787	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	<0.238	<0.238	<0.244	<0.241	<0.239	<0.236	150	150	160,000	410,000	41,000	320	320	5.6
Methyl tertiary-butyl ether	mg/kg	Varies**	<0.0794	<0.0792	<0.0815	<0.0804	<0.0797	<0.0787	0.32	0.32	780	20,000	2,000	8,800	8,800	140

			SB-185		CA-18 *(continued)*		CA-20 *(continued)*		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection			4'	6'	13'	16'	17'	19'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling			8'		8'		8'		Class I	Class II	Residential	Industrial/Commercial	Construction Worker	Residential	Industrial/Commercial	Construction Worker
Date of Sample Collection			12/20/2021		12/20/2021		12/20/2021									
Contaminants of Concern																
Volatile Organic Compounds (5035A/8260B)																
	Units	Rep. Limit														
Benzene	mg/kg	Varies**	0.140	0.113	19.0	2.81	26.9	8.68	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	<0.0789	<0.0796	26.1	2.42	54.3	13.4	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	<0.0789	<0.0796	21.6	6.22	38.5	8.00	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	<0.237	<0.239	118	33.5	148	34.5	150	150	160,000	410,000	41,000	320	320	5.6
Methyl tertiary-butyl ether	mg/kg	Varies**	<0.0789	<0.0796	<0.242	<0.248	0.667	0.673	0.32	0.32	780	20,000	2,000	8,800	8,800	140

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.
Note. Analytical testing results for BTEX are expressed in parts-per-million (ppm) concentrations.
Note. Exceedances of the IEPA TACO Tier 1 SROs in bold.

TABLE 1
Summary of Analytical Results – Soil

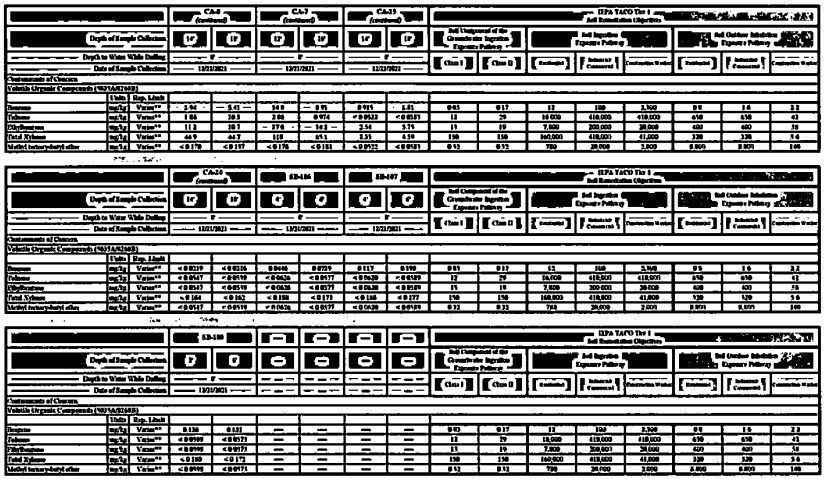
			CA-19 *(continued)*		CA-1[illegible] *(continued)*		CA-17 *(continued)*		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection			1[illegible]'	10'	14'	11'	10'	10'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling			8'		8'		8'		Class I	Class II	Residential	Industrial/Commercial	Construction Worker	Residential	Industrial/Commercial	Construction Worker
Date of Sample Collection			12/20/2021		12/20/2021		12/20/2021									
Contaminants of Concern																
Volatile Organic Compounds (5035A/8260B)																
	Units	Rep. Limit														
Benzene	mg/kg	Varies**	10.5	8.11	19.5	1.79	8.21	2.61	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	3.14	0.792	4.78	<0.0545	0.454	0.141	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	23.7	23.3	36.1	<0.0545	11.1	3.46	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	92.6	62.6	173	<0.164	33.2	8.10	150	150	160,000	410,000	41,000	320	320	5.6
Methyl tertiary-butyl ether	mg/kg	Varies**	0.616	<0.258	<0.170	0.115	<0.176	<0.0511	0.32	0.32	780	20,000	2,000	8,800	8,800	140

			CA-16 *(continued)*		CA-15 *(continued)*		CA-14 *(continued)*		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection			12'	16'	13'	18'	12'	18'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling			8'		8'		8'		Class I	Class II	Residential	Industrial/Commercial	Construction Worker	Residential	Industrial/Commercial	Construction Worker
Date of Sample Collection			12/20/2021		12/20/2021		12/20/2021									
Contaminants of Concern																
Volatile Organic Compounds (5035A/8260B)																
	Units	Rep. Limit														
Benzene	mg/kg	Varies**	0.742	0.756	13.9	3.02	23.3	13.5	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	0.187	0.218	1.57	<0.0505	40.9	7.77	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	5.25	14.6	10.8	1.64	28.7	21.0	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	15.9	25.3	77.4	2.19	123	83.9	150	150	160,000	410,000	41,000	320	320	5.6
Methyl tertiary-butyl ether	mg/kg	Varies**	<0.0565	<0.110	<0.169	0.086	<0.172	<0.173	0.32	0.32	780	20,000	2,000	8,800	8,800	140

			CA-13 *(continued)*		CA-11 *(continued)*		CA-9 *(continued)*		IEPA TACO Tier 1 Soil Remediation Objectives							
Depth of Sample Collection			12'	16'	14'	17'	14'	18'	Soil Component of the Groundwater Ingestion Exposure Pathway		Soil Ingestion Exposure Pathway			Soil Outdoor Inhalation Exposure Pathway		
Depth to Water While Drilling			8'		8'		8'		Class I	Class II	Residential	Industrial/Commercial	Construction Worker	Residential	Industrial/Commercial	Construction Worker
Date of Sample Collection			12/20/2021		12/21/2021		12/21/2021									
Contaminants of Concern																
Volatile Organic Compounds (5035A/8260B)																
	Units	Rep. Limit														
Benzene	mg/kg	Varies**	7.73	5.43	3.82	4.66	2.30	2.34	0.03	0.17	12	100	2,300	0.8	1.6	2.2
Toluene	mg/kg	Varies**	<0.109	0.0661	0.997	1.47	0.526	0.66	12	29	16,000	410,000	410,000	650	650	42
Ethylbenzene	mg/kg	Varies**	9.99	3.90	8.44	15.4	4.66	7.91	13	19	7,800	200,000	20,000	400	400	58
Total Xylenes	mg/kg	Varies**	33.7	13.3	37.5	48.9	13.8	25.3	150	150	160,000	410,000	41,000	320	320	5.6
Methyl tertiary-butyl ether	mg/kg	Varies**	0.263	0.0601	<0.159	<0.161	<0.0907	<0.175	0.32	0.32	780	20,000	2,000	8,800	8,800	140

** Reporting limits varies for each sample and/or analyte. Please refer to laboratory analytical report for individual laboratory reporting limits. When sample result is non-detect, the number following "<" is typically the laboratory reporting limit for that sample analyte.
Note. Analytical testing results for BTEX are expressed in parts-per-million (ppm) concentrations.
Note. Exceedances of the IEPA TACO Tier 1 SROs in bold.

TABLE I
Summary of Analytical Results – Soil



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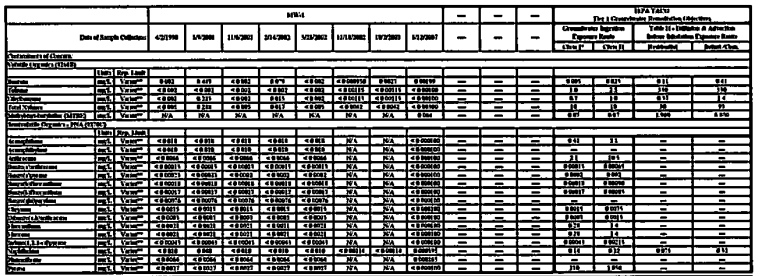
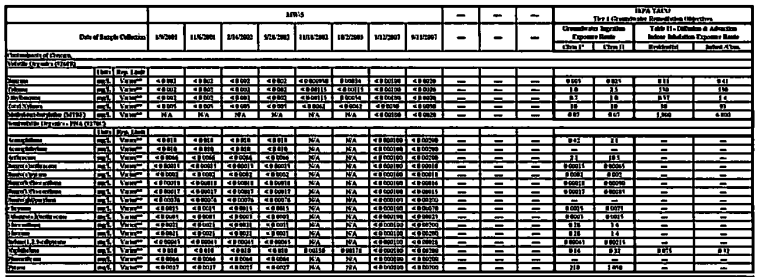
(replace with updated tables after remediation

TABLE II
Summary of Analytical Results - Groundwater



Page 1 of 5

TABLE II
Summary of Analytical Results - Groundwater



Page 3 of 5

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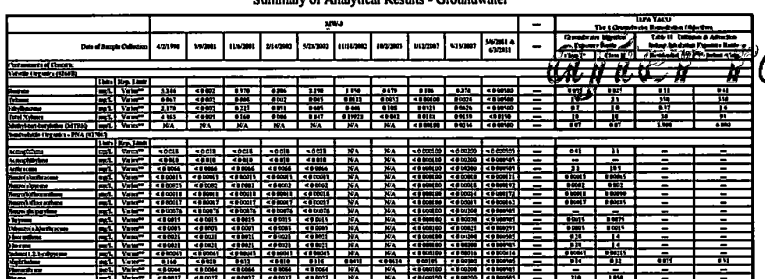
replace with updated tables

remedial action

TABLE II
Summary of Analytical Results - Groundwater



Page 2 of 5

TABLE II
Summary of Analytical Results - Groundwater

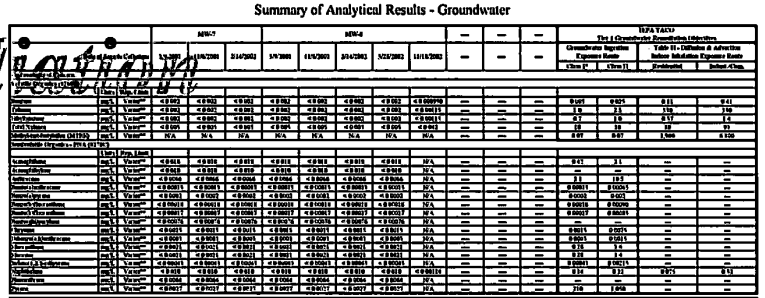


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TABLE II
Summary of Analytical Results - Groundwater

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(replace with updated tables after remediation

DOMENICO SOLUTE TRANSPORT MODEL CALCULATION

Exposure Pathway:	Soil Component of Groundwater Ingestion
GW Classification:	Class I
Site Location:	Qik-N-EZ - North Peoria Road Springfield, Illinois
LUST Incident Number(s):	942157, 961540, 991895 & 20201063

Aquifer hydraulic conductivity (K)=	2.27E-04	cm/sec	=	19.6128	cm/day
Hydraulic gradient (i)=	0.0232	m/m			
Total soil porosity (theta T)=	0.40	cm^3/cm^3			
Source width perpendicular to GW flow direction in horizontal plane (Sw)=	252	ft	=	7,681	cm
Source width perpendicular to GW flow direction in vertical plane (Sd)=	6.56	ft	=	200	cm

(assuming complete mixing)

Porosity
Gravel=0.25
Sand=0.32
Silt=0.40
Clay=0.36
Default =0.43

DRAFT
replace w/ post-remediation sampling

Distance to Compliance with Tier 1, Class I GROs

Sample ID	Sample Depth	Analyte	Concentration (mg/L)	X (feet)	Cx (mg/L)
CA-28	7.5'	Benzene	0.011	33.0	0.00500
CA-29	7.5'	Benzene	0.023	57.5	0.00499
CA-40	7.5'	Benzene	0.010	29.5	0.00500
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Analyte	Class I GRO	Class II GRO	First order degradation constant (λ)
Benzene	0.005	0.025	0.000900
Toluene	1	2.5	0.0110
Ethylbenzene	0.7	1	0.00300
Total Xylenes	10	10	0.00190
MTBE	0.07	0.07	0
Acenaphthene	0.42	2.1	0.00340
Anthracene	2.1	10.5	0.000750
Benzo(a)anthracene	0.00013	0.00065	0.000510
Benzo(a)pyrene	0.0002	0.002	0.000650
Benzo(b)fluoranthene	0.00018	0.0009	0.000570
Benzo(k)fluoranthene	0.00017	0.00085	0.000160
Chrysene	0.0015	0.0075	0.000350
Dibenzo(a,h)anthracene	0.0003	0.0015	0.000370
Fluoranthene	0.28	1.4	0.000190
Fluorene	0.28	1.4	0.000691
Indeno(1,2,3-c,d)pyrene	0.00043	0.00215	0.000470
Naphthalene	0.14	0.22	0.00270
Pyrene	0.21	1.05	0.000180
Lead	0.0075	0.1	0

DOMENICO SOLUTE TRANSPORT MODEL CALCULATION

Exposure Pathway:	Groundwater Component of Groundwater Ingestion
GW Classification:	Class I
Site Location:	Qik-N-EZ - North Peoria Road Springfield, Illinois
LUST Incident Number(s):	942157, 961540, 991895 & 20201063

Aquifer hydraulic conductivity (K)=	2.27E-04 cm/sec	=	19.6128 cm/day
Hydraulic gradient (i)=	0.0232 m/m		
Total soil porosity (theta T)=	0.40 cm^3/cm^3		
Source width perpendicular to GW flow direction in horizontal plane (Sw)=	311 ft	=	9,479 cm
Source width perpendicular to GW flow direction in vertical plane (Sd)=	6.56 ft	=	200 cm

Porosity
Gravel=0.25
Sand=0.32
Silt=0.40
Clay=0.36
Default =0.43

(assuming complete mixing)

DRAFT post-remediation filing

Distance to Compliance with Tier 1, Class I GROs

Sample ID	Sample Date	Analyte	Concentration (mg/L)	X (feet)	Cx (mg/L)
MW-2	05/06/2011	Benzene	0.0290	65.2	0.00500
MW-10	05/05/2020	Benzene	8.01	346	0.00493
		Toluene	1.39	1.2	0.987
		Ethylbenzene	2.22	16.1	0.696
		Total Xylenes	13.6	6.3	9.96
	06/03/2011	Naphthalene	0.417	16.8	0.1394
MW-11	05/06/2011	Benzene	1.97	259	0.00497
		Ethylbenzene	13.27	22.1	0.699
	06/03/2011	Naphthalene	0.538	21.1	0.1398
MW-15	05/05/2020	Benzene	2.83	281	0.00493
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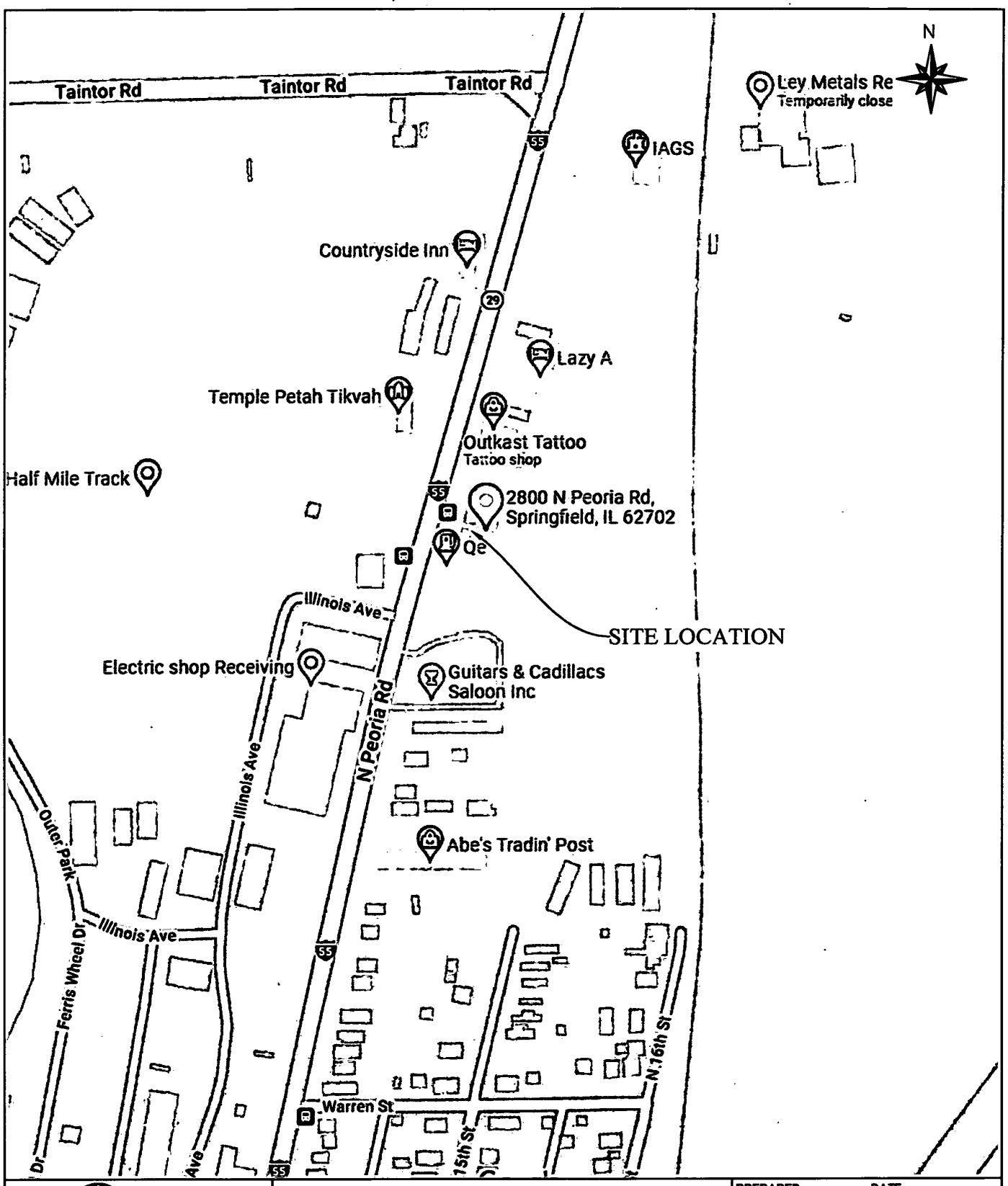
Analyte	Class I GRO	Class II GRO	First order degradation constant (λ)
Benzene	0.005	0.025	0.000900
Toluene	1	2.5	0.0110
Ethylbenzene	0.7	1	0.00300
Total Xylenes	10	10	0.00190
MTBE	0.07	0.07	0
Acenaphthene	0.42	2.1	0.00340
Anthracene	2.1	10.5	0.000750
Benzo(a)anthracene	0.00013	0.00065	0.000510
Benzo(a)pyrene	0.0002	0.002	0.000650
Benzo(b)fluoranthene	0.00018	0.0009	0.000570
Benzo(k)fluoranthene	0.00017	0.00085	0.000160
Chrysene	0.0015	0.0075	0.000350
Dibenzo(a,h)anthracene	0.0003	0.0015	0.000370
Fluoranthene	0.28	1.4	0.000190
Fluorene	0.28	1.4	0.000691
Indeno(1,2,3-c,d)pyrene	0.00043	0.00215	0.000470
Naphthalene	0.14	0.22	0.00270
Pyrene	0.21	1.05	0.000180
Lead	0.0075	0.1	0



GWC GREEN WAVE CONSULTING, LLC 4440 ASH GROVE DRIVE, Suite A Springfield, IL 62711 (217–726–7569)	SITE LOCATION MAP QIK-N-EZ - PEORIA ROAD 2800 NORTH PEORIA ROAD SPRINGFIELD, ILLINOIS 62702	PREPARED WOLFE DATE 03/2022 DRAWN WOLFE DATE 03/2022 APPROVED WIENHOFF DATE 03/2022	
	INCIDENT NO. 96-1540...2020-1063 FILE NAME QIK-N-EZ - 2800 PEORIA RD - SAF	PROJECT NO. 370	FIGURE X

ATTACHMENT 7

PREPARED BY:

Name: Green Wave Consulting, LLC

Address: 4440 Ash Grove Drive, Suite A
Springfield, Illinois 62711

RETURN TO:

Name: Green Wave Consulting, LLC
Attn.: Shawn Wolfe

Address: 4440 Ash Grove Drive, Suite A
Springfield, Illinois 62711

THE ABOVE SPACE FOR RECORDER'S OFFICE

Environmental Land Use Control

THIS ENVIRONMENTAL LAND USE CONTROL ("ELUC"), is made this _____ day of _____, 20____, by Chronister Oil Company ("Property Owner"), of the real property located at the common address 2730 North Peoria Road, Springfield, Illinois [PIN 14-14.0-152-012] ("Property").

WHEREAS, 415 ILCS 5/58.17 and 35 Ill. Adm. Code 742 provide for the use of an ELUC as an institutional control in order to impose land use limitations or requirements related to environmental contamination so that persons conducting remediation can obtain a No Further Remediation determination from the Illinois Environmental Protection Agency ("IEPA"). The reason for an ELUC is to ensure protection of human health and the environment. The limitations and requirements contained herein are necessary in order to protect against exposure to contaminated soil, groundwater, or soil gas that may be present on the property as a result of a petroleum release from the Underground Storage Tanks (USTs) formerly operating at the service station located at 2800 North Peoria Road, Springfield, Illinois. Under 35 Ill. Adm. Code 742, the use of risk-based, site-specific remediation objectives may require the use of an ELUC on real property, and the ELUC may apply to certain physical features (e.g., engineered barriers, indoor inhalation building control technologies, monitoring wells, caps, etc.).

WHEREAS, Chronister Oil Company intends to request risk-based, site specific soil, groundwater, or soil gas remediation objectives from IEPA under 35 Ill. Adm. Code 742 to obtain risk-based closure of the site, identified by Bureau of Land LPC Number 1671205520, utilizing an ELUC.

NOW, THEREFORE, the recitals set forth above are incorporated by reference as if fully set forth herein, and the Property Owner agrees as follows:

Section One. Property Owner does hereby establish an ELUC on the real estate, situated in the County of Sangamon, State of Illinois and further described in Exhibit A attached hereto and incorporated herein by reference (the "Property").

Attached as Exhibit B are site maps that show the legal boundary of the Property, any physical features to which the ELUC applies, the horizontal and vertical extent of the contaminants of concern above the applicable remediation objectives for soil, groundwater, or soil gas, and the nature, location of the source, and direction of movement of the contaminants of concern, as required under 35 Ill. Adm. Code 742.

Section Two. Property Owner represents and warrants they are the current owner of the Property and has the authority to record this ELUC on the chain of title for the Property with the Office of the Recorder or Registrar of Titles in Sangamon County, Illinois.

Section Three. The Property Owner hereby agrees, for themselves and their heirs, grantees, successors, assigns, transferees and any other owner, occupant, lessee, possessor or user of the Property or the holder of any portion thereof or interest therein, that:

a. any contaminated soil or groundwater that is removed or excavated from, or disturbed at, the Property described in Exhibit A herein must be handled in accordance with all applicable laws and regulations under 35 Ill. Adm. Code Subtitle G;
b. the groundwater under the Property described in Exhibit A herein shall not be used as a potable supply of water. No person shall construct, install, maintain, or utilize a potable water supply well. In accordance with Section 3.65 of the Environmental Protection Act, "potable" means generally fit for human consumption in accordance with accepted water supply principles and practices; and
c. any existing or potential building constructed within the Property must have a full concrete slab-on-grade or a full concrete basement floor and walls with no sumps.

Section Four. This ELUC is binding on the Property Owner, their heirs, grantees, successors, assigns, transferees and any other owner, occupant, lessee, possessor or user of the Property or the holder of any portion thereof or interest therein. This ELUC shall apply in perpetuity against the Property and shall not be released until the IEPA determines there is no longer a need for this ELUC as an institutional control; until the IEPA, upon written request, issues to the site that received the no further remediation determination a new no further remediation determination approving modification or removal of the limitation(s) or requirement(s); the new no further remediation determination is filed on the chain of title of the site subject to the no further remediation determination; and until a release or modification of the land use limitation or requirement is filed on the chain of title for the Property.

Section Five. Information regarding the remediation performed on the Property may be obtained from the IEPA through a request under the Freedom of Information Act (5 ILCS 140) and rules promulgated thereunder by providing the IEPA with the 10-digit LPC number listed above.

Section Six. The effective date of this ELUC shall be the date that it is officially recorded in the chain of title for the Property to which the ELUC applies.

WITNESS the following signatures:

Property Owner(s)

By: _____

Its: _____

Date: _____

STATE OF ILLINOIS)
) SS:
COUNTY OF)

I, _____ the undersigned, a Notary Public for said County and State, DO HEREBY CERTIFY, that _____, personally known to me to be the Property Owner(s) of the real property located 2730 North Peoria Road in Springfield, Illinois [PIN 14-14.0-152-012], and personally known to me to be the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and severally acknowledged that in said capacities they signed and delivered the said instrument as their free and voluntary act for the uses and purposes therein set forth.

Given under my hand and official seal, this _____ day of _____, 20__.

_____
Notary Public

PIN NO. 14-14.0-152-012
(Parcel Index Number)

EXHIBIT A

The subject property is located in the City of Springfield, Sangamon County, State of Illinois, commonly known as 2730 North Peoria Road, Springfield, Illinois and more particularly described as:

COMMON ADDRESS:
2730 North Peoria Road, Springfield, Sangamon County, Illinois 62702

LEGAL DESCRIPTION

Part of Lot 2 of Gershom and William Jayne's Subdivision of the Southwest Quarter of the Northwest Quarter of Section 14, Township 16 North, Range 5 West of the Third Principal Meridian, bounded as follows: Commencing at the Southwest Corner of Said Lot 2, being in the center of the Springfield and Peoria Road and running thence East along the South line of said Lot 2, 246.5 feet to a stake, thence North at right angles to the South line of said Lot 2, a distance of 10 feet to an iron pin, the point of beginning, thence east parallel with the south line of said Lot 2, 140 feet to an iron pin, thence east parallel with the south line of said Lot 2 to the West line of the Chicago and Illinois Midland Railroad right of way, thence North along said west right of way line to the North line of Lot 2, thence West along the North line of sail Lot 2, 495 feet to the center of U.S. Route No. 66 hardroad, thence southwesterly along the center of said U.S. Route No. 66 hardroad to an iron pin therein which is 243.68 feet west of the place of beginning, thence East parallel with said South line of Lot 2, 243.68 feet to the point of beginning. Excepting from said tract of land the following described tract: Commencing at a point in the North line of said Lot 2 which is the center of U.S. Route No. 66 hardroad, thence East along the North line of said Lot 2, 175 feet to an iron pin, thence South 14 degrees 28 minutes West 275 feet to an iron pin, thence northwesterly 175.0 feet to a point in the center of U.S. Route No. 66, thence North 15 degrees 30 minutes east along the center of said hardroad 240 feet to the place of beginning. Except all coal, minerals and mining rights heretofore conveyed or reserved of record. Situated in Sangamon County, Illinois.

PARCEL IDENTIFICATION NUMBER
14-14.0-152-012

[PURSUANT TO SECTION 742.1010(d)(2)]

PIN NO. 14-14.0-152-012
(Parcel Index Number)

EXHIBIT B
IN ACCORDANCE WITH SECTION 742.1010(d)(8)(A) through (D)

(A) A scaled map showing the legal boundary of the property to which the ELUC applies.

A scaled map of the legal boundary of the Property is provided as **Exhibit B-1**.

(B) Scaled maps showing the horizontal and vertical extent of contaminants of concern above the applicable remediation objectives for soil, groundwater, and soil gas to which the ELUC applies.

Exhibits B-2 and **B-3** illustrate the horizontal and vertical extents of soil and groundwater impaction, respectively.

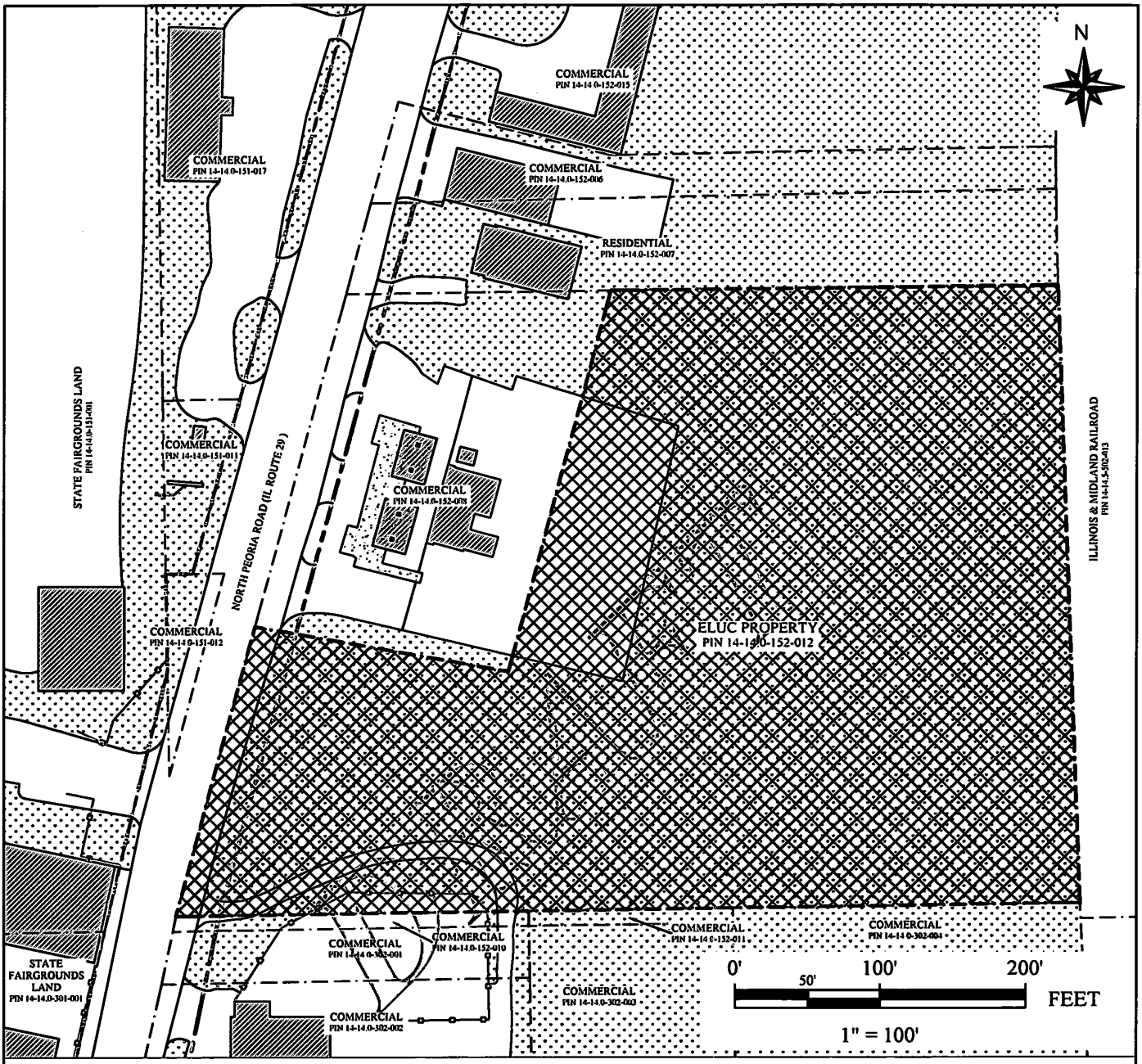
(C) Scaled maps showing the physical features to which an ELUC applies (e.g., engineered barriers, indoor inhalation building control technologies, monitoring wells, caps, etc.).

The Property is illustrated on **Figure B-1** and is subject to the following limitations or requirements:

a. any contaminated soil or groundwater that is removed or excavated from, or disturbed at, the Property described in Exhibit A herein must be handled in accordance with all applicable laws and regulations under 35 Ill. Adm. Code Subtitle G;
b. the groundwater under the Property described in Exhibit A herein shall not be used as a potable supply of water. No person shall construct, install, maintain, or utilize a potable water supply well. In accordance with Section 3.65 of the Environmental Protection Act, "potable" means generally fit for human consumption in accordance with accepted water supply principles and practices; and
c. any existing or potential building constructed within the Property must have a full concrete slab-on-grade or a full concrete basement floor and walls with no sumps.

(D) Scaled maps showing the nature, location of the source, and direction of movement of the contaminants of concern.

Site maps of the service station illustrating the nature, location of the source and the direction of movement of the contaminants of concern are provided as **Exhibits B-2** and **B-3**.



LEGEND

- ELUC PROPERTY LINE
- PROPERTY / PARCEL LINE
- RIGHT-OF-WAY LINE
- PARCEL TO WHICH ENVIRONMENTAL LAND USE CONTROL (ELUC) APPLIES

ELUC STIPULATIONS:

a. any contaminated soil or groundwater that is removed or excavated from, or disturbed at, the Property described in Exhibit A herein must be handled in accordance with all applicable laws and regulations under 35 Ill. Adm. Code Subtitle G;

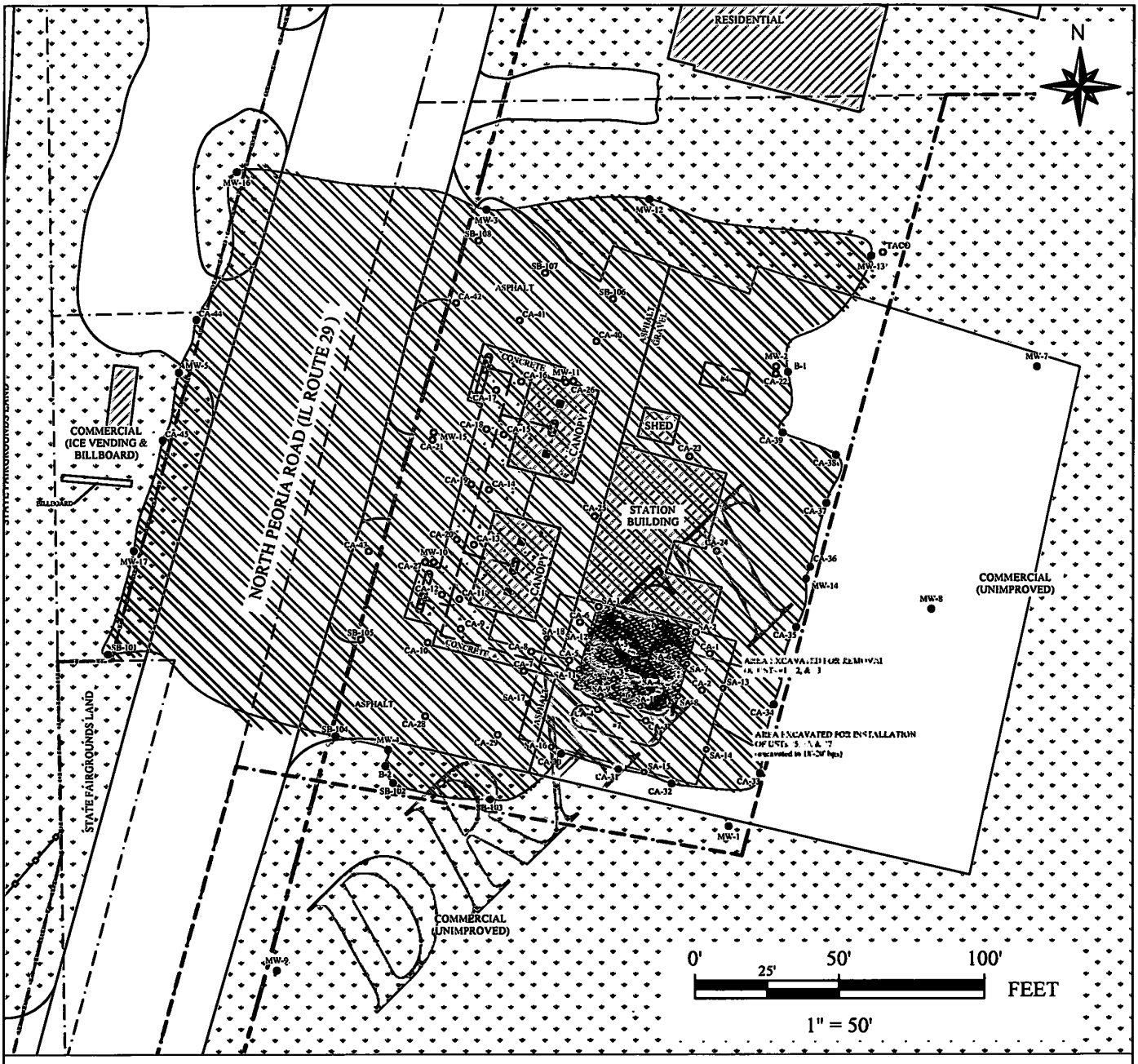
b. the groundwater under the Property described in Exhibit A herein shall not be used as a potable supply of water. No person shall construct, install, maintain, or utilize a potable water supply well. In accordance with Section 3.65 of the Environmental Protection Act, "potable" means generally fit for human consumption in accordance with accepted water supply principles and practices; and

c. any existing or potential building constructed within the Property must have a full concrete slab-on-grade or a full concrete basement floor and walls with no sumps.

LEGAL DESCRIPTION OF ELUC PROPERTY:

Part of Lot 2 of Gershom and William Jayne's Subdivision of the Southwest Quarter of the Northwest Quarter of Section 14, Township 16 North, Range 5 West of the Third Principal Meridian, bounded as follows: Commencing at the Southwest Corner of Said Lot 2, being in the center of the Springfield and Peoria Road and running thence East along the South line of said Lot 2, 246.5 feet to a stake, thence North at right angles to the South line of said Lot 2, a distance of 10 feet to an iron pin, the point of beginning, thence east parallel with the south line of said Lot 2, 140 feet to an iron pin, thence east parallel with the south line of said Lot 2 to the West line of the Chicago and Illinois Midland Railroad right of way, thence North along said west right of way line to the North line of Lot 2, thence West along the North line of sail Lot 2, 495 feet to the center of U.S. Route No. 66 hardroad, thence southwesterly along the center of said U.S. Route No. 66 hardroad to an iron pin therein which is 243.68 feet west of the place of beginning, thence East parallel with said South line of Lot 2, 243.68 feet to the point of beginning. Excepting from said tract of land the following described tract: Commencing at a point in the North line of said Lot 2 which is the center of U.S. Route No. 66 hardroad, thence East along the North line of said Lot 2, 175 feet to an iron pin, thence South 14 degrees 28 minutes West 275 feet to an iron pin, thence northwesterly 175.0 feet to a point in the center of U.S. Route No. 66, thence North 15 degrees 30 minutes east along the center of said hardroad 240 feet to the place of beginning. Except all coal, minerals and mining rights heretofore conveyed or reserved of record. Situated in Sangamon County, Illinois.

GWC GREEN WAVE CONSULTING, LLC 4440 ASH GROVE DRIVE, Suite A Springfield, IL 62711 (217-726-7569)	ENVIRONMENTAL LAND USE CONTROL AREA	PREPARED WOLFE	DATE 03/2022
	ELUC PROPERTY (PIN 14-14.0-152-012): 2730 NORTH PEORIA ROAD SPRINGFIELD, ILLINOIS 62702	DRAWN WOLFE	DATE 03/2022
		APPROVED WIENHOFF	DATE 03/2022
	INCIDENT NO. 96-1540...2020-1063 / FILE NAME QIK-N-EZ - 2800 PEORIA RD - SAF	PROJECT NO. 370	EXHIBIT B-1



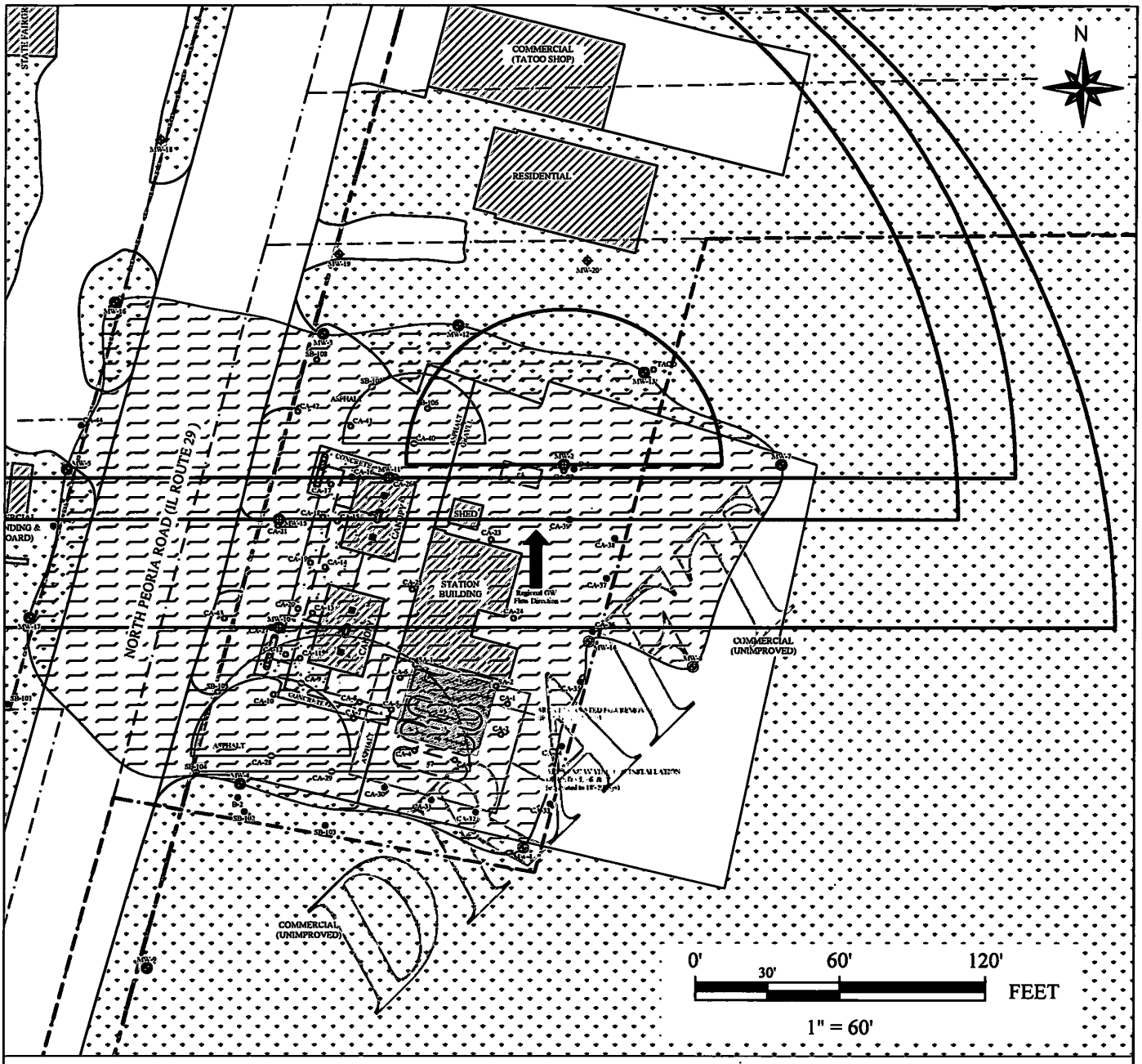
LEGEND

- ELUC PROPERTY LINE
- PROPERTY / PARCEL LINE
- RIGHT-OF-WAY LINE
- PHYSICALLY DELINEATED EXTENT OF TIER 1 SOIL IMPACTION

SOIL CONFIRMATION SAMPLE SAMPLE LOCATION
- (o IMPACTED ABOVE TACO TIER TIER 2 SRO'S)
- (o IMPACTED ABOVE TACO TIER 1 SRO'S, BUT BELOW TACO TIER 2 SRO'S)
- (o IMPACTED ABOVE TACO TIER 2 C_{SAT} VALUES)
- (o REMOVED OR RESAMPLED)

SOIL BORING SAMPLE LOCATION
- (o IMPACTED ABOVE TACO TIER 1 SRO'S OFF-SITE OR TIER 2 SRO'S ON-SITE)
- (o IMPACTED ABOVE TACO TIER 1 SRO'S ON-SITE, BUT BELOW TACO TIER 2 SRO'S)
- (o IMPACTED ABOVE TACO TIER 2 C_{SAT} VALUES)
- (o REMOVED OR RESAMPLED)

GWC GREEN WAVE CONSULTING, LLC 4440 ASH GROVE DRIVE, Suite A Springfield, IL 62711 (217-726-7569)	ESTIMATED SOIL IMPACT MAP	PREPARED WOLFE	DATE 03/2022
	ELUC PROPERTY (PIN 14-14.0-152-012): 2730 NORTH PEORIA ROAD SPRINGFIELD, ILLINOIS 62702	DRAWN WOLFE	DATE 03/2022
		APPROVED WIENHOFF	DATE 03/2022
	INCIDENT NO. 96-1540...2020-1063 / FILE NAME QIK-N-EZ - 2800 PEORIA RD - SAF	PROJECT NO. 370	EXHIBIT B-2



LEGEND

- ELUC PROPERTY LINE
- PROPERTY / PARCEL LINE
- RIGHT-OF-WAY LINE
- PHYSICALLY DELINEATED EXTENT OF TIER 1 GROUNDWATER IMPACTION
- EQUATION R26 MODELED EXTENT - BENZENE GROUNDWATER IMPACTION
- EQUATION R26 MODELED EXTENT - BENZENE SOIL LEACHATE IMPACTION
- SOIL BORING SAMPLE LOCATION
  - (o IMPACTED ABOVE TACO TIER 1 SRO'S OFF-SITE OR TIER 2 SRO'S ON-SITE)
  - (o IMPACTED ABOVE TACO TIER 1 SRO'S ON-SITE, BUT BELOW TACO TIER 2 SRO'S)
  - (o IMPACTED ABOVE TACO TIER 2 C_{SAT} VALUES)
  - (⊗ REMOVED OR RESAMPLED)
- MONITORING WELL LOCATION
  - (⊕ ◆ IMPACTED ABOVE TACO TIER 1 GRO'S)

ONLY LARGEST R26 SOIL LEACHATE AND GROUNDWATER MODEL PER SAMPLE LOCATION IS ILLUSTRATED.
MODELS LESS THAN 1 FOOT ARE NOT ILLUSTRATED.

GWC GREEN WAVE CONSULTING, LLC 4440 ASH GROVE DRIVE, Suite A Springfield, IL 62711 (217–726–7569)	ESTIMATED GROUNDWATER IMPACT MAP ELUC PROPERTY (PIN 14-14.0-152-012): 2730 NORTH PEORIA ROAD SPRINGFIELD, ILLINOIS 62702	PREPARED WOLFE DATE 03/2022 DRAWN WOLFE DATE 03/2022 APPROVED WIENHOFF DATE 03/2022	
	INCIDENT NO. 96-1540...2020-1063 FILE NAME QIK-N-EZ - 2800 PEORIA RD - SAF	PROJECT NO. 370	EXHIBIT B-3

ATTACHMENT 8

Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

General Information for the Budget and Billing Forms

LPC #: 1671205520 **County:** Sangamon

City: Springfield **Site Name:** Qik-N-EZ

Site Address: 2800 North Peoria Road

Date this form was prepared: Feb 14, 2022

List all IEMA Incident numbers associated with this package:

942157, 961540, 991895, 20201063

List all other incidents associated with this site that are not associated with this package:

902733

This form is being submitted as a (check one, if applicable):

- ○ Billing Package
- ○ Budget Amendment (Budget amendments must include only the costs over the previous budget.)
- ⊘ Budget Proposal

Please provide the name(s) and date(s) of report(s) documenting the costs requested:

Name(s): _____ _____ _____

Date(s): _____ _____ _____

This package is being submitted for the site activities indicated below:

35 Ill. Adm. Code 734:

- ☐ Early Action
- ☐ Free Product Removal after Early Action
- ☐ Site Investigation . . . . . Stage 1: ☐ Stage 2: ☐ Stage 3: ☐
- ☑ Corrective Action

35 Ill. Adm. Code 732:

- ☐ Early Action
- ☐ Free Product Removal after Early Action
- ☐ Site Classification
- ☐ Low Priority Corrective Action
- ☐ High Priority Corrective Action

35 Ill. Adm. Code 731:

- ☐ Site Investigation
- ☐ Corrective Action

RECEIVED
MAR 25 2022
IEPA/BOL

General Information for the Budget and Billing Forms

The following address will be used as the mailing address for checks and any final determination letters regarding payment from the Fund for this package. .

Pay to the order of: Chronister Oil Company, Inc.

Send in care of: Green Wave Consulting, LLC

Address: 4440 Ash Grove Drive, Suite A

City: Springfield State: IL Zip: 62711

The payee is the: Owner ☑ Operator ☐ (Check one or both.)

Signature of the owner or operator of the UST(s) (required)

3/21/22
Date

Amy Ridley
Printed name of the owner or operator of the UST(s) (required)

W-9 must be submitted.
Click here to print off a W-9 Form.

Email: amy.ridley@lincolnlandoil.com

Number of petroleum USTs in Illinois presently owned or operated by the owner or operator; any subsidiary, parent or joint stock company of the owner or operator; and any company owned by any parent, subsidiary or joint stock company of the owner or operator:

Fewer than 101: ⊘ 101 or more: ○

Please list all tanks that have ever been located at the site and tanks that are presently located at the site.

Product Stored in UST	Size (gallons)	Did UST have a release?	Incident No.	Type of Release Tank Leak / Overfill / Piping Leak
Diesel Fuel	10,000	Yes ⊘ No ○	961540, 20201063	Overfill
Gasoline - Regular	10,000	Yes ⊘ No ○	991895, 20201063	Piping Leak
E-85	8,000	Yes ⊘ No ○	942157, 20201063	Overfill
Diesel Fuel	6,000	Yes ⊘ No ○	902733	Tank Leak
Gasoline - Regular	10,000	Yes ○ No ⊘		
Diesel Fuel	10,000	Yes ○ No ⊘		
E-15	10,000	Yes ○ No ⊘		
		Yes ○ No ⊘		
		Yes ○ No ⊘		
		Yes ○ No ⊘		

Budget Summary

Choose the applicable regulations: ◉ 734 ○ 732

734	Free Product	Stage 1 Site Investigation	Stage 2 Site Investigation	Stage 3 Site Investigation	Corrective Action
					Proposed
Drilling and Monitoring Wells Costs Form					$4,664.25
Analytical Costs Form					$30,939.16
Remediation and Disposal Costs Form					$710,177.95
UST Removal and Abandonment Costs Form					$0.00
Paving, Demolition, and Well Abandonment Costs Form					$53,974.20
Consulting Personnel Costs Form					$65,746.22
Consultant's Materials Costs Form					$2,196.30
Handling Charges Form	Handling charges will be determined at the time a billing package is submitted to the Illinois EPA. The amount of allowable handling charges will be determined in accordance with the Handling Charges Form.				
Total	$0.00	$0.00	$0.00	$0.00	$867,698.08

7/1/21

6/30/22

Drilling and Monitoring Well Costs Form

1. Drilling

Number of Borings to Be Drilled	Type HSA/PUSH/ Injection	Depth (feet) of Each Boring	Total Feet Drilled	Reason for Drilling
1	PUSH	10	10	Waste Characterization for Landfill Sampling
			0	
			0	
			0	
			0	
			0	
			0	
			0	

☑ Subpart H minimum payment amount applies.

	Total Feet	Rate per Foot ($)	Total Cost ($)
Total Feet via HSA:	0	$31.16	$0.00
Total Feet via PUSH:	10	$24.39	$243.90
Total Feet for Injection via PUSH:	0	$20.32	$0.00
		Total Drilling Costs:	**$1,625.80**

adjusted to reflect Subpart H minimum payment amount

2. Monitoring / Recovery Wells

Number of Wells	Type of Well HSA / PUSH / 4" or 6" Recovery / 8" Recovery	Diameter of Well (inches)	Depth of Well (feet)	Total Feet of Wells to Be Installed ($)
				0
				0
				0
				0
				0

Well Installation	Total Feet	Rate per Foot ($)	Total Cost ($)
Total Feet via HSA:	0	$22.36	$0.00
Total Feet via PUSH:	0	$16.94	$0.00
Total Feet of 4" or 6" Recovery:	0	$33.87	$0.00
Total Feet of 8" or Greater Recovery:	0	$55.55	$0.00
		Total Well Costs:	**$0.00**

Total Drilling and Monitoring Well Costs:	**$1,625.80**

Drilling and Monitoring Well Costs Form

1. Drilling

Number of Borings to Be Drilled	Type HSA/PUSH/ Injection	Depth (feet) of Each Boring	Total Feet Drilled	Reason for Drilling
1	PUSH	3.5	3.5	Soil Gas Sample Collection
3	HSA	15	45	Replacement Monitoring Wells
			0	
			0	
			0	
			0	
			0	
			0	

☑ Subpart H minimum payment amount applies.

	Total Feet	Rate per Foot ($)	Total Cost ($)
Total Feet via HSA:	45	$31.16 ✓	$1,402.20
Total Feet via PUSH:	3.5	$24.39 ✓	$85.37
Total Feet for Injection via PUSH:	0	$20.32	$0.00
		Total Drilling Costs:	**$2,032.25**

adjusted to reflect Subpart H minimum payment amount

2. Monitoring / Recovery Wells

Number of Wells	Type of Well HSA / PUSH / 4" or 6" Recovery / 8" Recovery	Diameter of Well (inches)	Depth of Well (feet)	Total Feet of Wells to Be Installed ($)
3	HSA	2	15	45
				0
				0
				0
				0

Well Installation	Total Feet	Rate per Foot ($)	Total Cost ($)
Total Feet via HSA:	45	$22.36 ✓	$1,006.20
Total Feet via PUSH:	0	$16.94	$0.00
Total Feet of 4" or 6" Recovery:	0	$33.87	$0.00
Total Feet of 8" or Greater Recovery:	0	$55.55	$0.00
		Total Well Costs:	**$1,006.20**

Total Drilling and Monitoring Well Costs:	**$3,038.45**

Analytical Costs Form

Laboratory Analysis	Number of Samples		Cost ($) per Analysis		Total per Parameter
Chemical Analysis					
BETX Soil with MTBE EPA 8260	91	x	$115.16	=	$10,479.56
BETX Water with MTBE EPA 8260	4	x	$109.74	=	$438.96
COD (Chemical Oxygen Demand)		x	$40.64	=	$0.00
Corrosivity		x	$20.32	=	$0.00
Flash Point or Ignitability Analysis EPA 1010	1	x	$44.70	=	$44.70
Fraction Organic Carbon Content (f_{oc}) ASTM-D 2974-00		x	$51.47	=	$0.00
Fat, Oil, & Grease (FOG)		x	$81.28	=	$0.00
LUST Pollutants Soil - analysis must include volatile, base/ neutral, polynuclear aromatics and metals list in Section 732. Appendix B and 734.Appendix B		x	$938.90	=	$0.00
Dissolved Oxygen (DO)		x	$32.52	=	$0.00
Paint Filter (Free Liquids)	1	x	$18.97	=	$18.97
PCB / Pesticides (combination)		x	$300.77	=	$0.00
PCBs		x	$150.38	=	$0.00
Pesticides		x	$189.68	=	$0.00
pH	1	x	$18.97	=	$18.97
Phenol		x	$46.06	=	$0.00
Polynuclear Aromatics PNA, or PAH SOIL EPA 8270	91	x	$205.94	=	$18,740.54
Polynuclear Aromatics PNA, or PAH WATER EPA 8270	4	x	$205.94	=	$823.76
Reactivity		x	$92.13	=	$0.00
SVOC - Soil (Semi-Volatile Organic Compounds)		x	$424.06	=	$0.00
SVOC - Water (Semi-Volatile Organic Compounds)		x	$424.06	=	$0.00
TKN (Total Kjeldahl) "nitrogen"		x	$59.61	=	$0.00
TPH (Total Petroleum Hydrocarbons)		x	$165.29	=	$0.00
VOC (Volatile Organic Compounds) - Soil (Non-Aqueous)		x	$237.10	=	$0.00
VOC (Volatile Organic Compounds) - Water		x	$228.97	=	$0.00
Soil Gas Sample-BTEX, MTBE, Naphthalene, 2-Propanol	1	x	$245.00	=	$245.00
		x		=	$0.00
		x		=	$0.00
		x		=	$0.00
		x		=	$0.00
Geo-Technical Analysis					
Soil Bulk Density (p_b) ASTM D2937-94		x	$29.81	=	$0.00
Ex-situ Hydraulic Conductivity / Permeability		x	$345.48	=	$0.00
Moisture Content (w) ASTM D2216-92 / D4643-93		x	$16.26	=	$0.00
Porosity		x	$40.64	=	$0.00
Rock Hydraulic Conductivity Ex-situ		x	$474.19	=	$0.00
Sieve / Particle Size Analysis ASTM D422-63 / D1140-54		x	$196.46	=	$0.00
Soil Classification ASTM D2488-90 / D2487-90		x	$92.13	=	$0.00
Soil Particle Density (ps) ASTM D854-92		x	$90.00	=	$0.00
		x		=	$0.00
		x		=	$0.00
		x		=	$0.00

Analytical Costs Form

Metals Analysis					
Soil preparation fee for Metals TCLP Soil (one fee per soil sample)	1	x	$107.03	=	$107.03
Soil preparation fee for Metals Total Soil (one fee per soil sample)		x	$21.67	=	$0.00
Water preparation fee for Metals Water (one fee per water sample)		x	$14.89	=	$0.00
Arsenic TCLP Soil		x	$21.67	=	$0.00
Arsenic Total Soil		x	$21.67	=	$0.00
Arsenic Water		x	$24.39	=	$0.00
Barium TCLP Soil		x	$13.55	=	$0.00
Barium Total Soil		x	$13.55	=	$0.00
Barium Water		x	$16.26	=	$0.00
Cadmium TCLP Soil		x	$21.67	=	$0.00
Cadmium Total Soil		x	$21.67	=	$0.00
Cadmium Water		x	$24.39	=	$0.00
Chromium TCLP Soil		x	$13.55	=	$0.00
Chromium Total Soil		x	$13.55	=	$0.00
Chromium Water		x	$16.26	=	$0.00
Cyanide TCLP Soil		x	$37.94	=	$0.00
Cyanide Total Soil		x	$46.06	=	$0.00
Cyanide Water		x	$46.06	=	$0.00
Iron TCLP Soil		x	$13.55	=	$0.00
Iron Total Soil		x	$13.55	=	$0.00
Iron Water		x	$16.26	=	$0.00
Lead TCLP Soil	1	x	$21.67 ✓	=	$21.67
Lead Total Soil		x	$21.67	=	$0.00
Lead Water		x	$24.39	=	$0.00
Mercury TCLP Soil		x	$25.74	=	$0.00
Mercury Total Soil		x	$13.55	=	$0.00
Mercury Water		x	$35.23	=	$0.00
Selenium TCLP Soil		x	$21.67	=	$0.00
Selenium Total Soil		x	$21.67	=	$0.00
Selenium Water		x	$20.32	=	$0.00
Silver TCLP Soil		x	$13.55	=	$0.00
Silver Total Soil		x	$13.55	=	$0.00
Silver Water		x	$16.26	=	$0.00
Metals TCLP Soil (a combination of all metals) RCRA		x	$139.55	=	$0.00
Metals Total Soil (a combination of all metals) RCRA		x	$127.35	=	$0.00
Metals Water (a combination of all metals) RCRA		x	$161.22	=	$0.00
		x		=	$0.00
		x		=	$0.00
		x		=	$0.00
		x		=	$0.00
Other					
EnCore® Sampler, purge-and-trap sampler, or equivalent sampling device		x	$13.55	=	$0.00
Sample Shipping per sampling event[1]		x	$67.74	=	$0.00

[1]A sampling event, at a minimum, is all samples (soil and groundwater) collected in a calendar day

Total Analytical Costs:	**$30,939.16**

Remediation & Disposal Costs Form

A. Conventional Technology

Excavation, Transportation, and Disposal of contaminated soil and/or the 4-foot backfill material removal during early action activities:

Number of Cubic Yards	Cost per Cubic Yard ($)	Total Cost
6,570	$77.23	$507,401.10

Backfilling the Excavation:

Number of Cubic Yards	Cost per Cubic Yard ($)	Total Cost
6,570	$27.10	$178,047.00

Overburden Removal and Return:

Number of Cubic Yards	Cost per Cubic Yard ($)	Total Cost
812	$8.81	$7,153.72

B. Alternative Technology

Alternative Technology Selected:	
Number of Cubic Yards of Soil to Be Remediated	
Total Non-Consulting Personnel Costs Summary Sheet ($)	
Total Remediation Materials Costs Summary Sheet ($)	
Total Cost of the System	$0.00

Remediation & Disposal Costs Form

C. Groundwater Remediation and/or Free Product Removal System

Total Non-Consulting Personnel Costs Summary Sheet ($)	
Total Remediation Materials Costs Summary Sheet ($)	
Total Cost of the System	$0.00

D. Groundwater and/or Free Product Removal and Disposal

☐ Subpart H minimum payment amount applies.

Number of Gallons	Cost per Gallon ($)	Total Cost
18,000	$0.92 ✓	$16,560.00

E. Drum Disposal

☐ Subpart H minimum payment amount applies.

Number of Drums of Solid Waste	Cost per Drum ($)	Total Cost
3	$338.71 ✓	$1,016.13
	$338.71	$0.00
	$338.71	$0.00
Number of Drums of Liquid Waste	Cost per Drum ($)	Total Cost
	$203.23	$0.00
	$203.23	$0.00
	$203.23	$0.00
Total Drum Disposal Costs		$1,016.13

Total Remediation and Disposal Costs:	**$710,177.95**

Paving, Demolition, and Well Abandonment Costs Form

A. Concrete and Asphalt Placement/Replacement

Number of Square Feet	Asphalt or Concrete	Thickness (inches)	Cost ($) per Square Foot	Replacement or Placement for an Engineered Barrier	Total Cost
3,830	Concrete	6	$5.92	Replacement	$22,673.60
5,420	Asphalt	4	$3.23	Replacement	$17,506.60
			$0.00		$0.00
			$0.00		$0.00
			$0.00		$0.00
			$0.00		$0.00
			$0.00		$0.00
			$0.00		$0.00
			$0.00		$0.00
			$0.00		$0.00

Total Concrete and Asphalt Placement/Replacement Costs:	**$40,180.20**

B. Building Destruction or Dismantling and Canopy Removal

Item to Be Destroyed, Dismantled, or Removed	Unit Cost ($)	Total Cost
Station Building	10,000.00	10,000.00

Total Building Destruction or Dismantling and Canopy Removal Costs:	**$10,000.00**

Paving, Demolition, and Well Abandonment Costs Form

C. Well Abandonment

Monitoring Well ID #	Type of Well (HSA / PUSH / Recovery)	Depth of Well (feet)	Cost ($) per Foot	Total Cost
MW-1	HSA	15.00	$13.55	$203.25
MW-2	HSA	15.00	$13.55	$203.25
MW-3	HSA	15.00	$13.55	$203.25
MW-4	HSA	15.00	$13.55	$203.25
MW-5	HSA	13.00	$13.55	$176.15
MW-6	HSA	13.00	$13.55	$176.15
MW-7	HSA		$0.00	$0.00
MW-8	HSA		$0.00	$0.00
MW-9	HSA	15.00	$13.55	$203.25
MW-10R	HSA	15.00	$13.55	$203.25
MW-11R	HSA	15.00	$13.55	$203.25
MW-12	HSA	20.00	$13.55	$271.00
MW-13	HSA	19.00	$13.55	$257.45
MW-14	HSA	20.00	$13.55	$271.00
MW-15R	HSA	15.00	$13.55	$203.25
MW-16	HSA	15.00	$13.55	$203.25
MW-17	HSA	15.00	$13.55	$203.25
MW-18	HSA	15.00	$13.55	$203.25
MW-19	HSA	15.00	$13.55	$203.25
MW-20	HSA	15.00	$13.55	$203.25
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00

Total Monitoring Well Abandonment Costs:	**$3,794.00**

Total Paving, Demolition, and Well Abandonment Costs:	**$53,974.20**

EARTH SERVICES
EXCAVATION - ENVIRONMENTAL - DEMOLITION

RCRA, INC d/b/a
Earth Services
10903 Prestwick Dr.
Benton, IL 62812

PHONE: (618) 218-4958 FAX: (815) 377-2593 earthservices@earthservices.us

Issue Date: 2/14/22

Proposal Number: 22-0836

Company Name: Qik N EZ

Site Address: 2800 Peoria Road, Springfield, IL

Mailing Address: 2026 North Republic Street, Springfield, IL 62702

Contact name, title: Jeff Wienhoff, consultant

Telephone number: 217-726-7569 x250

E - Mail: jeffw@greenwavecon.com

Per information submitted to Earth Services by Green Wave Consulting, LLC (Client), the scope of services are listed below. All Earth Services personnel are certified in accordance with Hazardous Waste Operations and Emergency Response Course 29 CFR 1910.120 (e).

Scope of Work:

Full commercial building demolition. Includes asbestos inspection, building demolition, hauling and disposal.

Scope of Services:

Properly demolish approximately 2,080 square feet former convenience store building. An asbestos inspection will be completed by those licensed with Department of Public Health as required by Illinois EPA Department of Air. An 10-Day notification will be filed.

Builing will be gently lowered to the ground and kept wet to control emissions. Entire building will be loaded out for disposal at Envirofil of IL landfill in Macomb, IL.

If friable asbestos is found during inspection an addendum to this proposal will be supplied for its removal prior to demoltion.

Fees for Scope of Services above are listed as Lump Sums:

Asbestos sampling including lab and 10-Day Notification:	***$1,600 lump sum***
Landfill Fees:	***$2,000 estimated***
Sewer Cap:	***$1,000 estimated***
Excavator w/ grappler:	***2 Day @ $1,250/Day***
Skid Steer:	***2 Day @ $300/Day***
Operator (Prevailing Wage):	***16 Hours @ $115 /Hour***
Laborer (Prevailing Wage):	***16 Hours @ $95 /Hour***
Mobilization / Demobilization of Equipment:	***8 Hours @ $150/ Hour***
Tractor & Trailer to Landfill:	***16 Hours @ $135/Hour***
Dust Suppression / Water:	***$500 lump sum***

Note: *1) Fees for Scope of Services includes mobilization and demobilization of labor and equipment as well as overnight stays and per diem for employees. Estimated to be a 2 Day scope of work for removal and disposal. Prevailing wage to be paid on labor.*

Earth Services shall contact Illinois One Call for utility locates from address provided by client.
Earth Services will get all utilities connected to the building removed.

Additional work or materials shall be performed per a written change order agreed upon between Earth Services and client.

Payment terms are Net Thirty Days Invoice Date (Net30)

Earth Services appreciates this opportunity to be of service to. If you have any questions concerning this proposal, please contact me at 618-218-4958.

Sincerely,

Josh Appleton
President
RCRA, Inc. d/b/a Earth Services

PROPOSAL ACCEPTANCE
Name:
Company:
Signature:
By signing, I certify that I have read the proposal above and agree to the terms and conditions contained therein. I further certify that I am a legal representative for the Company listed above and able to enter into a legally binding contract on behalf of them.

Consulting Personnel Costs Form

Employee Name	Personnel Title	Hours	Rate ($)	Total Cost
Remediation Category	**Task**			
	Senior Project Manager	39	$135.48	$5,283.72
CCAP	CA Plan - Design, Development, Preparation, Attachments & Management, Expanded Water Well Survey Research, IEPA Correspondence			
	Senior Project Manager	15.25	$135.48	$2,066.07
TACO 2 or 3	Tier 1 SRO/GRO Each Exposure Route Evaluation/Tabulation, Tier 2 SRO Calculations, Soil Leaching Calculations, GW Elev Tables & Gradient/Flow Calcs for Historic Gauging Events, R26 Modeling & Evaluation, Indoor Inhalation Tier 2 SGRO/GRO Calculations; IEPA Input Parameter Sheets; Tier 2 SRO Data Evaluation/Exposure Route Extent Determination			
	Senior Draftsperson/CAD	6	$81.28	$487.68
CCAP	CA Plan - Maps and Map Printing; Map Updates with new Expanded Site Layout and Tier 2 Analysis/Remediation Layout; Map Expansion & Source Width Measurement for R26 Modeling, IC Maps; Expanded Water Well Survey Mapping			
	Senior Prof. Engineer	3	$176.13	$528.39
CCAP	CA Plan - Senior Design Approval, Final Review & Certification, Report, TACO, ELUC, HAA			
	Senior Project Manager	9	$135.48	$1,219.32
CCAP-Budget	CA Budget - Budget Development, Writing, Attachments			
	Senior Prof. Engineer	2	$176.13	$352.26
CCAP-Budget	CA Budget - Final Review & Certification			
	Senior Admin. Assistant	2	$60.97	$121.94
CCAP	Project Administration, CA Plan & Budget Production: Copying, Filing and Submittal to IEPA and Client			
	Senior Project Manager	12	$135.48	$1,625.76
CCA-Field	CA Field Events (Waste Char., Soil Remediation, RMW Install/Soil Gas Sampling, Development, & Post-Remed GW Sampling) - Coordination & Project/Field Management, Landfill Approval			
	Senior Admin. Assistant	2	$60.97	$121.94
CCA-Field	CA Field Events - Office Project Administration, JULIE, Prepare Field Documents & Prints			

Consulting Personnel Costs Form

Employee Name	Personnel Title	Hours	Rate ($)	Total Cost
Remediation Category	**Task**			
	Senior Project Manager	5	$135.48	$677.40
CCA-Field	Waste Characterization Sampling Event - Prep / Travel / Waste Characterization Sampling / Sampling Handling Mgmt			
	Senior Project Manager	158	$135.48	$21,405.84
CCA-Field	Soil Remediation - Prep / Travel / In-Field Coordination / Dig-Overburden Area Layout Site Prep / Piping Removal and Dig Oversight / Backfilling & Site Restoration / Sample Handling Mgmt / Field Project Paperwork			
	Scientist IV	138	$100.00	$13,800.00
CCA-Field	Soil Remediation - Prep / Travel / Site Prep / Piping Removal and Dig Oversight / PID Screening / Soil Sampling			
	Senior Project Manager	12	$135.48	$1,625.76
CCA-Field	Replacement MW Installation and Soil Gas Sampling Event - Prep, Travel to/from, Oversight, Logging, Soil Gas Sampling, Soil Boring Logs, MW Const. Diagrams, Field/Project Paperwork			
	Scientist IV	10	$100.00	$1,000.00
CCA-Field	Replacement MW Installation and Soil Gas Sampling Event - Prep, Travel to/from, PID Screening, Soil Gas Sampling, Field Mapping			
	Senior Technician	6	$88.06	$528.36
CCA-Field	Replacement MW Development Event - Prep, Travel to/from, Development of RMWs			
	Senior Project Manager	9	$135.48	$1,219.32
CCA-Field	Post-Remed Groundwater Sampling Event - Prep / Travel / Groundwater Monitoring & Sampling / Surveying / Sampling Handling Mgmt			
	Scientist IV	9	$100.00	$900.00
CCA-Field	Post-Remed Groundwater Sampling Event - Prep / Travel / Groundwater Monitoring & Sampling / Surveying			
	Senior Project Manager	10	$135.48	$1,354.80
CCA-Field	Data Interpretation, Results, Tabulation & Review; Update Soil Leaching & R26 Models with IEPA Input Parameter Sheets			
	Senior Draftsperson/CAD	4	$81.28	$325.12
CCA-Field	CA Field Results & R26 Modeling Mapping Updates - Drafting, Figures, Map Printing			

Consulting Personnel Costs Form

Employee Name	Personnel Title	Hours	Rate ($)	Total Cost
Remediation Category	**Task**			
	Senior Acct. Technician	16	$74.51	$1,192.16
CA-Pay	CAP & CA Field Reimbursement: Reimbursement Management, Preparation, Attachments			
	Senior Prof. Engineer	4	$176.13	$704.52
CA-Pay	CAP & CA Field Reimbursement: Oversight, Review & Certification			
	Senior Admin. Assistant	2	$60.97	$121.94
CA-Pay	CAP & CA Field Reimbursement: Final Assembly & Distribution			
	Senior Project Manager	8	$135.48	$1,083.84
HAA	IDOT HAA: Application Preparation, Electronic Submittal to IDOT, Execution			
	Senior Draftsperson/CAD	2.5	$81.28	$203.20
HAA	IDOT HAA: Drafting, Figures, Map Printing			
	Senior Admin. Assistant	2	$60.97	$121.94
HAA	IDOT HAA: Office Administration, Copying, Submittal of IDOT-approved HAA to Owner/Operator for Execution; Submittal of O/O-Executed HAA to IDOT			
	Senior Project Manager	9	$135.48	$1,219.32
ELUC	ELUC for S/E Adjoining Property: ELUC Document Preparation, Execution, Management			
	Senior Draftsperson/CAD	1.75	$81.28	$142.24
ELUC	ELUC for S/E Adjoining Property: Drafting, Figures, Map Printing			
	Senior Admin. Assistant	2	$60.97	$121.94
ELUC	ELUC: Office Administration, Copying, Submittal of Draft ELUC to Off-site Property Owner, Submittal of Finalized ELUC to County for Recording			
	Senior Project Manager	28	$135.48	$3,793.44
CACR	CACR: Technical Design, Management, Report Development, Writing, Attachments, PIN/Legal Description Acquisition, Correspondence with IEPA (if needed)			

Consulting Personnel Costs Form

Employee Name	Personnel Title	Hours	Rate ($)	Total Cost
Remediation Category	**Task**			
	Senior Draftsperson/CAD	1	$81.28	$81.28
CACR	CACR: Drafting/Printing Final Figures for CACR Inclusion (soil and gw contaminant plume maps, R26 modeled extents maps, institutional controls map, etc)			
	Senior Prof. Engineer	4	$176.13	$704.52
CACR	CACR: Final Review and Certification			
	Senior Admin. Assistant	2	$60.97	$121.94
CACR	CACR Production; Copying, Filing and Submittal to IEPA and Client, Office Administration of CACR			
	Senior Admin. Assistant	2	$60.97	$121.94
CACR	Closure Activities: Coordinate NFR recording with County, Submission of recorded NFR to IEPA			
	Senior Acct. Technician	12	$74.51	$894.12
CA-Pay	HAA, ELUC, CACR & Closure Reimbursement: Reimbursement Management, Preparation, Attachments			
	Senior Prof. Engineer	2	$176.13	$352.26
CA-Pay	HAA, ELUC, CACR & Closure Reimbursement: Oversight, Review & Certification			
	Senior Admin. Assistant	2	$60.97	$121.94
CA-Pay	HAA, ELUC, CACR & Closure Reimbursement: Final Assembly & Distribution			
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
	Total of Consulting Personnel Costs:			**$65,746.22**

Consultant's Materials Costs Form

Materials, Equipment or Field Purchase		Time or Amount Used	Rate ($)	Unit	Total Cost
Remediation Category	**Description/Justification**				
Field Vehicle Mileage		380	$0.585	Mile	$222.30
CCA-Field	Mileage to/from Site for Waste Characterization Event (x1RT), Soil Remediation & Backfilling/Site Restoration (x15RT), RMW & Soil Gas Drilling/Sampling (x1RT), RMW Development (x1RT) & Groundwater Monitoring/Sampling (x1RT) (~20 miles/RT)				
Photoionization Detector "MiniRAE 2000"		14	$75.00	Day	$1,050.00
CCA-Field	Soil Remediation (x13) & MW Install/Soil Vapor Sampling Event (x1) - Soil & Soil Gas Screening				
Water Level Indicator "Solinst 101"		2	$30.00	Day	$60.00
CCA-Field	DTW While Drilling and After Drilling During MW Installation Event; Depth to Water Measurements During GW Monitoring Event				
Disposable Bailers (EnviroSupply & Service)		7	$7.00	Each	$49.00
CCA-Field	Developing 3 New RMWs, Purging/Sampling 4 MWs (1.5" x 36" PVC)				
Gloves, Bags, String, Decon (Alconox, Distilled Water)		17	$25.00	Each	$425.00
CCA-Field	Sampling Activities During Waste Characterization Drilling (x1), Soil Remediation (x13), RMW & Soil Gas Drilling/Sampling (x1), RMW Development (x1) & Groundwater Monitoring/Sampling (x1) Events				
Survey Equipment (Sight Level L6-20NC)		1	$50.00	Day	$50.00
CCA-Field	Site Survey Activities (sight level, tripod, survey rod): Survey Replacement Monitoring Wells into Network				
Magnetic Locator "Schonstedt GA-52CX"		1	$40.00	Day	$40.00
CCA-Field	MW Sampling Event - Locate Existing Wells & Attempt to Locate Wells that Previous Consultant Was Unable to Locate				
County Recording Fee		1	$150.00	Total	$150.00
ELUC	Recording of ELUC (estimated, only actual costs will be requested for reimbursement)				
County Recording Fee		1	$150.00	Total	$150.00
CACR	Recording of NFR Letter (estimated, only actual costs will be requested for reimbursement)				
					$0.00
	Total of Consultant Materials Costs:				**$2,196.30**

Owner/Operator and Licensed Professional Engineer/Geologist Budget Certification Form

I hereby certify that I intend to seek payment from the UST Fund for costs incurred while performing corrective action activities for Leaking UST incident 94215?, 961540, 991885, 2020 I further certify that the costs set forth in this budget are for necessary activities and are reasonable and accurate to the best of my knowledge and belief. I also certify that the costs included in this budget are not for corrective action in excess of the minimum requirements of 415 ILCS 5/57, no costs are included in this budget that are not described in the corrective action plan, and no costs exceed Subpart H: Maximum Payment Amounts, Appendix D Sample Handling and Analysis amounts, and Appendix E Personnel Titles and Rates of 35 Ill. Adm. Code 732 or 734. I further certify that costs ineligible for payment from the Fund pursuant to 35 Ill. Adm. Code 732.606 or 734.630 are not included in the budget proposal or amendment. Such ineligible costs include but are not limited to:

Costs associated with ineligible tanks.
Costs associated with site restoration (e.g., pump islands, canopies).
Costs associated with utility replacement (e.g., sewers, electrical, telephone, etc.).
Costs incurred prior to IEMA notification.
Costs associated with planned tank pulls.
Legal fees or costs.
Costs incurred prior to July 28, 1989.
Costs associated with installation of new USTs or the repair of existing USTs.

Owner/Operator: Qik N EZ Properties, LLC

Authorized Representative: Amy Ridley Title: Manager

Signature: Date: 3/21/22

Subscribed and sworn to before me the 21st day of March, 2022

(Notary Public) Seal:

OFFICIAL SEAL
D. Eggleston
NOTARY PUBLIC, STATE OF ILLINOIS
My Commission Expires Jan. 5, 2026

In addition, I certify under penalty of law that all activities that are the subject of this plan, budget, or report were conducted under my supervision or were conducted under the supervision of another Licensed Professional Engineer or Licensed Professional Geologist and reviewed by me; that this plan, budget, or report and all attachments were prepared under my supervision; that, to the best of my knowledge and belief, the work described in the plan, budget, or report has been completed in accordance with the Environmental Protection Act [415 ILCS 5], 35 Ill. Adm. Code 732 or 734, and generally accepted standards and practices of my profession; and that the information presented is accurate and complete. I am aware there are significant penalties for submitting false statements or representations to the Illinois EPA, including but not limited to fines, imprisonment, or both as provided in Sections 44 and 57.17 of the Environmental Protection Act [415 ILCS 5/44 and 57.17].

L.P.E./L.P.G. Jeff Wienhoff L.P.E./L.P.G. Seal:

JEFFREY R. WIENHOFF
062-058441
LICENSED
PROFESSIONAL
ENGINEER
OF
ILLINOIS

L.P.E./L.P.G. Signature: Date: 3/21/22

Subscribed and sworn to before me the 22nd day of March, 2022

(Notary Public) Seal:

OFFICIAL SEAL
D. Eggleston
NOTARY PUBLIC, STATE OF ILLINOIS
My Commission Expires Jan. 5, 2026

The Illinois EPA is authorized to require this information under 415 ILCS 5/1? Disclosure of this information is required. Failure to do so may result in the delay or denial of any budget or payment requested hereunder.

OFFICE OF THE ILLINOIS STATE FIRE MARSHAL

JB Pritzker, Governor
Matt Perez, State Fire Marshal

11/26/2019

Chronister Oil Company
2026 Republic Street
Springfield, IL 62702

In Re: Facility No. 5013134
IEMA Incident No. 19961540
Qik-N-EZ
2800 Peoria Road
Springfield, Sangamon, IL 62702

Dear Applicant:

The Reimbursement Eligibility and Deductible Application received on November 25, 2019 for the above referenced occurrence has been reviewed. The following determinations have been made based upon this review.

It has been determined that you are eligible to seek payment of costs in excess of $10,000. The costs must be in response to the occurrence referenced above and associated with the following tanks:

Eligible Tanks

Tank 1 10000 gallon Gasoline

You must contact the Illinois Environmental Protection Agency to receive a packet of Agency billing forms for submitting your request for payment.

An owner or operator is eligible to access the Underground Storage Tank Fund if the eligibility requirements are satisfied:

1. Neither the owner nor the operator is the United States Government,
2. The tank does not contain fuel which is exempt from the Motor Fuel Tax Law,
3. The costs were incurred as a result of a confirmed release of any of the following substances:

   "Fuel", as defined in Section 1.19 of the Motor Fuel Tax Law

   Aviation fuel

   Heating oil

   Kerosene

   Used oil, which has been refined from crude oil used in a motor vehicle, as defined in Section 1.3 of the Motor Fuel Tax Law.
4. The owner or operator registered the tank and paid all fees in accordance with the statutory and regulatory requirements of the Gasoline Storage Act.
5. The owner or operator notified the Illinois Emergency Management Agency of a confirmed release, the costs were incurred after the notification and the costs were a result of a release of a substance listed in this Section. Costs of corrective action or indemnification incurred before providing that notification shall not be eligible for payment.
6. The costs have not already been paid to the owner or operator under a private insurance policy, other written agreement, or court order.
7. The costs were associated with "corrective action".

This constitutes the final decision as it relates to your eligibility and the set deductible. We reserve the right to change the deductible determination should additional information that would change the determination become available. An underground storage tank owner or operator may appeal the decision to the Illinois Pollution Control Board (Board), pursuant to Section 57.9 (c) (2). An owner or operator who seeks to appeal the decision shall file a petition for a hearing before the Board within 35 days of the date of issuance of the final decision, (35 Illinois Administrative Code 105.504(b)).

For information regarding the filing of an appeal, please contact:

Clerk
Illinois Pollution Control Board
State of Illinois Center
100 West Randolph, Suite 11-500
Chicago, Illinois 60601
(312) 814-3620

The following tanks are also listed for this site:

Tank 2 10000 gallon Gasoline
Tank 3 8000 gallon E-85
Tank 4 6000 gallon Diesel Fuel

Your application indicates that there has not been a release from these tanks under this incident number. You may be eligible to seek payment of corrective action costs associated with these tanks if it is determined that there has been a release from one or more of these tanks. Once it is determined that there has been a release from one or more of these tanks you may submit a separate application for an eligibility determination to seek corrective action costs associated with this/these tanks.

If you have any questions, please contact our Office at (217) 785-1020.

Sincerely,

Deanne Lock

Division of Petroleum and Chemical Safety

OFFICE OF THE ILLINOIS STATE FIRE MARSHAL

JB Pritzker, Governor
Matt Perez, State Fire Marshal

11/26/2019

Chronister Oil Company
2026 Republic Street
Springfield, IL 62702

In Re: Facility No. 5013134
IEMA Incident No. 19991895
Qik-N-EZ
2800 Peoria Road
Springfield, Sangamon, IL 62702

Dear Applicant:

The Reimbursement Eligibility and Deductible Application received on November 25, 2019 for the above referenced occurrence has been reviewed. The following determinations have been made based upon this review.

It has been determined that you are eligible to seek payment of costs in excess of $10,000. The costs must be in response to the occurrence referenced above and associated with the following tanks:

Eligible Tanks

Tank 1 10000 gallon Gasoline

You must contact the Illinois Environmental Protection Agency to receive a packet of Agency billing forms for submitting your request for payment.

An owner or operator is eligible to access the Underground Storage Tank Fund if the eligibility requirements are satisfied:

1. Neither the owner nor the operator is the United States Government,
2. The tank does not contain fuel which is exempt from the Motor Fuel Tax Law,
3. The costs were incurred as a result of a confirmed release of any of the following substances:

   "Fuel", as defined in Section 1.19 of the Motor Fuel Tax Law

   Aviation fuel

   Heating oil

   Kerosene

   Used oil, which has been refined from crude oil used in a motor vehicle, as defined in Section 1.3 of the Motor Fuel Tax Law.
4. The owner or operator registered the tank and paid all fees in accordance with the statutory and regulatory requirements of the Gasoline Storage Act.
5. The owner or operator notified the Illinois Emergency Management Agency of a confirmed release, the costs were incurred after the notification and the costs were a result of a release of a substance listed in this Section. Costs of corrective action or indemnification incurred before providing that notification shall not be eligible for payment.
6. The costs have not already been paid to the owner or operator under a private insurance policy, other written agreement, or court order.
7. The costs were associated with "corrective action".

This constitutes the final decision as it relates to your eligibility and the set deductible. We reserve the right to change the deductible determination should additional information that would change the determination become available. An underground storage tank owner or operator may appeal the decision to the Illinois Pollution Control Board (Board), pursuant to Section 57.9 (c) (2). An owner or operator who seeks to appeal the decision shall file a petition for a hearing before the Board within 35 days of the date of issuance of the final decision, (35 Illinois Administrative Code 105.504(b)).

For information regarding the filing of an appeal, please contact:

Clerk
Illinois Pollution Control Board
State of Illinois Center
100 West Randolph, Suite 11-500
Chicago, Illinois 60601
(312) 814-3620

The following tanks are also listed for this site:

Tank 2 10000 gallon Gasoline
Tank 3 8000 gallon E-85
Tank 4 6000 gallon Diesel Fuel

Your application indicates that there has not been a release from these tanks under this incident number. You may be eligible to seek payment of corrective action costs associated with these tanks if it is determined that there has been a release from one or more of these tanks. Once it is determined that there has been a release from one or more of these tanks you may submit a separate application for an eligibility determination to seek corrective action costs associated with this/these tanks.

If you have any questions, please contact our Office at (217) 785-1020.

Sincerely,

Deanne Lock

Division of Petroleum and Chemical Safety

OFFICE OF THE ILLINOIS STATE FIRE MARSHAL

JB Pritzker, Governor
Matt Perez, State Fire Marshal

8/3/2021

Chronister Oil Company
2026 Republic Street
Springfield, IL 62702

In Re: Facility No. 5013134
IEMA Incident No. 20201063
Qik-N-EZ
2800 Peoria Road
Springfield, Sangamon, IL 62702

Dear Applicant:

The Reimbursement Eligibility and Deductible Application received on August 02, 2021 for the above referenced occurrence has been reviewed. The following determinations have been made based upon this review.

It has been determined that you are eligible to seek payment of costs in excess of $5,000. The costs must be in response to the occurrence referenced above and associated with the following tanks:

Eligible Tanks

Tank 1 10000 gallon Diesel Fuel
Tank 2 10000 gallon Gasoline
Tank 3 8000 gallon E-85

You must contact the Illinois Environmental Protection Agency to receive a packet of Agency billing forms for submitting your request for payment.

An owner or operator is eligible to access the Underground Storage Tank Fund if the eligibility requirements are satisfied:

1. Neither the owner nor the operator is the United States Government,
2. The tank does not contain fuel which is exempt from the Motor Fuel Tax Law,
3. The costs were incurred as a result of a confirmed release of any of the following substances:

   "Fuel", as defined in Section 1.19 of the Motor Fuel Tax Law

   Aviation fuel

   Heating oil

   Kerosene

   Used oil, which has been refined from crude oil used in a motor vehicle, as defined in Section 1.3 of the Motor Fuel Tax Law.

4. The owner or operator registered the tank and paid all fees in accordance with the statutory and regulatory requirements of the Gasoline Storage Act.
5. The owner or operator notified the Illinois Emergency Management Agency of a confirmed release, the costs were incurred after the notification and the costs were a result of a release of a substance listed in this Section. Costs of corrective action or indemnification incurred before providing that notification shall not be eligible for payment.
6. The costs have not already been paid to the owner or operator under a private insurance policy, other written agreement, or court order.

This constitutes the final decision as it relates to your eligibility and the set deductible. We reserve the right to change the deductible determination should additional information that would change the determination become available. An underground storage tank owner or operator may appeal the decision to the Illinois Pollution Control Board (Board), pursuant to Section 57.9 (c) (2). An owner or operator who seeks to appeal the decision shall file a petition for a hearing before the Board within 35 days of the date of issuance of the final decision, (35 Illinois Administrative Code 105.504(b)).

For information regarding the filing of an appeal, please contact:

Clerk
Illinois Pollution Control Board
State of Illinois Center
100 West Randolph, Suite 11-500
Chicago, Illinois 60601
(312) 814-3620

The following tanks are also listed for this site:

Tank 4 6000 gallon Diesel Fuel
Tank 5 10000 gallon Gasoline - Regular
Tank 6 10000 gallon Diesel Fuel
Tank 7 10000 gallon E-15

Your application indicates that there has not been a release from these tanks under this incident number. You may be eligible to seek payment of corrective action costs associated with these tanks if it is determined that there has been a release from one or more of these tanks. Once it is determined that there has been a release from one or more of these tanks you may submit a separate application for an eligibility determination to seek corrective action costs associated with this/these tanks.

If you have any questions, please contact our Office at (217) 785-1020.

Sincerely,

Deanne Lock

Division of Petroleum and Chemical Safety

ATTACHMENT 9

Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

General Information for the Budget and Billing Forms

LPC #: 1671205520 **County:** Sangamon

City: Springfield **Site Name:** Qik-N-EZ

Site Address: 2800 North Peoria Road

Date this form was prepared: Feb 14, 2022

List all IEMA Incident numbers associated with this package:

942157, 961540, 991895, 20201063

List all other incidents associated with this site that are not associated with this package:

902733

This form is being submitted as a (check one, if applicable):

- ○ Billing Package
- ○ Budget Amendment (Budget amendments must include only the costs over the previous budget.)
- ◉ Budget Proposal

Please provide the name(s) and date(s) of report(s) documenting the costs requested:

Name(s): _____ _____ _____

Date(s): _____ _____ _____

This package is being submitted for the site activities indicated below:

35 Ill. Adm. Code 734:

- ☐ Early Action
- ☐ Free Product Removal after Early Action
- ☐ Site Investigation . . . . . Stage 1: ☐ Stage 2: ☐ Stage 3: ☐
- ☑ Corrective Action

35 Ill. Adm. Code 732:

- ☐ Early Action
- ☐ Free Product Removal after Early Action
- ☐ Site Classification
- ☐ Low Priority Corrective Action
- ☐ High Priority Corrective Action

35 Ill. Adm. Code 731:

- ☐ Site Investigation
- ☐ Corrective Action

RECEIVED
MAR 25 2022
IEPA/BOL

General Information for the Budget and Billing Forms

The following address will be used as the mailing address for checks and any final determination letters regarding payment from the Fund for this package.

Pay to the order of: Chronister Oil Company, Inc.

Send in care of: Green Wave Consulting, LLC

Address: 4440 Ash Grove Drive, Suite A

City: Springfield State: IL Zip: 62711

The payee is the: Owner ☑ Operator ☐ (Check one or both.)

Signature of the owner or operator of the UST(s) (required) Date: 3/21/24

Amy Ridley

Printed name of the owner or operator of the UST(s) (required)

W-9 must be submitted.
Click here to print off a W-9 Form.

Email: amy.ridley@lincolnlandoil.com

Number of petroleum USTs in Illinois presently owned or operated by the owner or operator; any subsidiary, parent or joint stock company of the owner or operator; and any company owned by any parent, subsidiary or joint stock company of the owner or operator:

Fewer than 101: ⊘ 101 or more: ○

Please list all tanks that have ever been located at the site and tanks that are presently located at the site.

Product Stored in UST	Size (gallons)	Did UST have a release?	Incident No.	Type of Release Tank Leak / Overfill / Piping Leak
Diesel Fuel	10,000	Yes ⊘ No ○	961540, 20201063	Overfill
Gasoline - Regular	10,000	Yes ⊘ No ○	991895, 20201063	Piping Leak
E-85	8,000	Yes ⊘ No ○	942157, 20201063	Overfill
Diesel Fuel	6,000	Yes ⊘ No ○	902733	Tank Leak
Gasoline - Regular	10,000	Yes ○ No ⊘		
Diesel Fuel	10,000	Yes ○ No ⊘		
E-15	10,000	Yes ○ No ⊘		
		Yes ○ No ⊘		
		Yes ○ No ⊘		
		Yes ○ No ⊘		

Budget Summary

Choose the applicable regulations: ◉734 ○732

734	Free Product	Stage 1 Site Investigation	Stage 2 Site Investigation	Stage 3 Site Investigation	Corrective Action
Drilling and Monitoring Wells Costs Form					$0.00
Analytical Costs Form					$3,162.83
Remediation and Disposal Costs Form					$70,786.72
UST Removal and Abandonment Costs Form					$12,676.41
Paving, Demolition, and Well Abandonment Costs Form					$16,875.00
Consulting Personnel Costs Form					$7,973.60
Consultant's Materials Costs Form					$208.00
Handling Charges Form	Handling charges will be determined at the time a billing package is submitted to the Illinois EPA. The amount of allowable handling charges will be determined in accordance with the Handling Charges Form.				
Total	$0.00	$0.00	$0.00	$0.00	$111,682.56

7/1/19
6B0121

Analytical Costs Form

Laboratory Analysis	Number of Samples		Cost ($) per Analysis		Total per Parameter
Chemical Analysis					
BETX Soil with MTBE EPA 8260	10	x	$111.78	=	$1,117.80
BETX Water with MTBE EPA 8260		x	$108.65	=	$0.00
COD (Chemical Oxygen Demand)		x	$40.24	=	$0.00
Corrosivity		x	$20.12	=	$0.00
Flash Point or Ignitability Analysis EPA 1010		x	$44.26	=	$0.00
Fraction Organic Carbon Content (f_{oc}) ASTM-D 2974-00		x	$50.96	=	$0.00
Fat, Oil, & Grease (FOG)		x	$80.48	=	$0.00
LUST Pollutants Soil - analysis must include volatile, base/ neutral, polynuclear aromatics and metals list in Section 732. Appendix B and 734.Appendix B		x	$929.60	=	$0.00
Dissolved Oxygen (DO)		x	$32.19	=	$0.00
Paint Filter (Free Liquids)		x	$18.78	=	$0.00
PCB / Pesticides (combination)		x	$297.79	=	$0.00
PCBs		x	$148.89	=	$0.00
Pesticides		x	$187.80	=	$0.00
pH		x	$18.78	=	$0.00
Phenol		x	$45.61	=	$0.00
Polynuclear Aromatics PNA, or PAH SOIL EPA 8270	10	x	$199.90	=	$1,999.00
Polynuclear Aromatics PNA, or PAH WATER EPA 8270		x	$203.90	=	$0.00
Reactivity		x	$91.22	=	$0.00
SVOC - Soil (Semi-Volatile Organic Compounds)		x	$419.86	=	$0.00
SVOC - Water (Semi-Volatile Organic Compounds)		x	$419.86	=	$0.00
TKN (Total Kjeldahl) "nitrogen"		x	$59.02	=	$0.00
TPH (Total Petroleum Hydrocarbons)		x	$163.65	=	$0.00
VOC (Volatile Organic Compounds) - Soil (Non-Aqueous)		x	$234.75	=	$0.00
VOC (Volatile Organic Compounds) - Water		x	$226.71	=	$0.00
Soil Gas Sample-BTEX, MTBE, Naphthalene, 2-Propanol		x	$245.00	=	$0.00
		x		=	$0.00
		x		=	$0.00
		x		=	$0.00
		x		=	$0.00
Geo-Technical Analysis					
Soil Bulk Density (p_b) ASTM D2937-94		x	$29.51	=	$0.00
Ex-situ Hydraulic Conductivity / Permeability		x	$342.06	=	$0.00
Moisture Content (w) ASTM D2216-92 / D4643-93		x	$16.10	=	$0.00
Porosity		x	$40.24	=	$0.00
Rock Hydraulic Conductivity Ex-situ		x	$469.50	=	$0.00
Sieve / Particle Size Analysis ASTM D422-63 / D1140-54		x	$194.51	=	$0.00
Soil Classification ASTM D2488-90 / D2487-90		x	$91.22	=	$0.00
Soil Particle Density (ps) ASTM D854-92		x	$90.00	=	$0.00
		x		=	$0.00
		x		=	$0.00
		x		=	$0.00

Analytical Costs Form

Metals Analysis					
Soil preparation fee for Metals TCLP Soil (one fee per soil sample)		x	$105.97	=	$0.00
Soil preparation fee for Metals Total Soil (one fee per soil sample)		x	$21.45	=	$0.00
Water preparation fee for Metals Water (one fee per water sample)		x	$14.74	=	$0.00
Arsenic TCLP Soil		x	$21.45	=	$0.00
Arsenic Total Soil		x	$21.45	=	$0.00
Arsenic Water		x	$24.15	=	$0.00
Barium TCLP Soil		x	$13.41	=	$0.00
Barium Total Soil		x	$13.41	=	$0.00
Barium Water		x	$16.10	=	$0.00
Cadmium TCLP Soil		x	$21.45	=	$0.00
Cadmium Total Soil		x	$21.45	=	$0.00
Cadmium Water		x	$24.15	=	$0.00
Chromium TCLP Soil		x	$13.41	=	$0.00
Chromium Total Soil		x	$13.41	=	$0.00
Chromium Water		x	$16.10	=	$0.00
Cyanide TCLP Soil		x	$37.56	=	$0.00
Cyanide Total Soil		x	$45.61	=	$0.00
Cyanide Water		x	$45.61	=	$0.00
Iron TCLP Soil		x	$13.41	=	$0.00
Iron Total Soil		x	$13.41	=	$0.00
Iron Water		x	$16.10	=	$0.00
Lead TCLP Soil		x	$21.45	=	$0.00
Lead Total Soil		x	$21.45	=	$0.00
Lead Water		x	$24.15	=	$0.00
Mercury TCLP Soil		x	$25.49	=	$0.00
Mercury Total Soil		x	$13.41	=	$0.00
Mercury Water		x	$34.88	=	$0.00
Selenium TCLP Soil		x	$21.45	=	$0.00
Selenium Total Soil		x	$21.45	=	$0.00
Selenium Water		x	$20.12	=	$0.00
Silver TCLP Soil		x	$13.41	=	$0.00
Silver Total Soil		x	$13.41	=	$0.00
Silver Water		x	$16.10	=	$0.00
Metals TCLP Soil (a combination of all metals) RCRA		x	$138.17	=	$0.00
Metals Total Soil (a combination of all metals) RCRA		x	$126.09	=	$0.00
Metals Water (a combination of all metals) RCRA		x	$159.62	=	$0.00
		x		=	$0.00
		x		=	$0.00
		x		=	$0.00
		x		=	$0.00
Other					
EnCore® Sampler, purge-and-trap sampler, or equivalent sampling device	1	x	$13.15	=	$13.15
Sample Shipping per sampling event[1]	0.5	x	$65.76	=	$32.88

[1]A sampling event, at a minimum, is all samples (soil and groundwater) collected in a calendar day

Total Analytical Costs:	**$3,162.83**

Remediation & Disposal Costs Form

7/1/20
6/30/21

A. Conventional Technology

Excavation, Transportation, and Disposal of contaminated soil and/or the 4-foot backfill material removal during early action activities:

Number of Cubic Yards	Cost per Cubic Yard ($)	Total Cost
730.12	$76.46	$55,824.98

Backfilling the Excavation:

Number of Cubic Yards	Cost per Cubic Yard ($)	Total Cost
557.65	$26.83	$14,961.75

Overburden Removal and Return:

Number of Cubic Yards	Cost per Cubic Yard ($)	Total Cost
	$8.73	$0.00

B. Alternative Technology

Alternative Technology Selected:	
Number of Cubic Yards of Soil to Be Remediated	
Total Non-Consulting Personnel Costs Summary Sheet ($)	
Total Remediation Materials Costs Summary Sheet ($)	
Total Cost of the System	$0.00

Remediation & Disposal Costs Form

C. Groundwater Remediation and/or Free Product Removal System

Total Non-Consulting Personnel Costs Summary Sheet ($)	
Total Remediation Materials Costs Summary Sheet ($)	
Total Cost of the System	$0.00

D. Groundwater and/or Free Product Removal and Disposal

☐ Subpart H minimum payment amount applies.

Number of Gallons	Cost per Gallon ($)	Total Cost
	$0.91	$0.00

E. Drum Disposal

☐ Subpart H minimum payment amount applies.

Number of Drums of Solid Waste	Cost per Drum ($)	Total Cost
	$335.35	$0.00
	$335.35	$0.00
	$335.35	$0.00
Number of Drums of Liquid Waste	Cost per Drum ($)	Total Cost
	$201.22	$0.00
	$201.22	$0.00
	$201.22	$0.00
Total Drum Disposal Costs		$0.00

Total Remediation and Disposal Costs:	**$70,786.72**

UST Removal and Abandonment Costs Form

Product Stored in UST	Size (gallons)	Abandoned or Removed	Cost ($)	Did UST have a release?
Diesel Fuel	10,000	Abandoned	$4,225.47	Yes ☑ No ☐
Gasoline	10,000	Removed	$4,225.47	Yes ☐ No ☐
E-85	8,000	Removed	$4,225.47	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐

Total UST Removal and Abandonment Costs:	$12,676.41

Paving, Demolition, and Well Abandonment Costs Form

A. Concrete and Asphalt Placement/Replacement

Number of Square Feet	Asphalt or Concrete	Thickness (inches)	Cost ($) per Square Foot	Replacement or Placement for an Engineered Barrier	Total Cost
3,315	Concrete	5	$5.090497738	Replacement	$16,875.00
			$0.00		$0.00
			$0.00		$0.00
			$0.00		$0.00
			$0.00		$0.00
			$0.00		$0.00
			$0.00		$0.00
			$0.00		$0.00
			$0.00		$0.00
			$0.00		$0.00

Total Concrete and Asphalt Placement/Replacement Costs:	$16,875.00

B. Building Destruction or Dismantling and Canopy Removal

Item to Be Destroyed, Dismantled, or Removed	Unit Cost ($)	Total Cost

Total Building Destruction or Dismantling and Canopy Removal Costs:	$0.00

Paving, Demolition, and Well Abandonment Costs Form

C. Well Abandonment

Monitoring Well ID #	Type of Well (HSA / PUSH / Recovery)	Depth of Well (feet)	Cost ($) per Foot	Total Cost
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
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			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00

Total Monitoring Well Abandonment Costs:	**$0.00**

Total Paving, Demolition, and Well Abandonment Costs:	**$16,875.00**

Consulting Personnel Costs Form

7/1/20
6/30/21

Employee Name	Personnel Title	Hours	Rate ($)	Total Cost
Remediation Category	**Task**			
G.T. Rowe	Engineer III	36.25	$134.12	$4,861.85
CCA-Field	Soil Remediation - Prep / Travel / In-Field Coordination / Oversight / Site Restoration			
C. Rowe	Senior Project Manager	0.5	$134.12	$67.06
CCA-Field	Soil Remediation - Documentation			
M.J. Saladino	Engineer III	14.25	$134.12	$1,911.21
CCAP	Plan & Budget			
			$0.00	$0.00
Green Wave Consulting	Senior Project Manager	6.5	$134.14	$871.91
CCAP-Budget	CA Budget - Budget Development, Review Invoices and EA Reimbursement to Determine CA Costs, Writing, Attachments			
Green Wave Consulting	Senior Prof. Engineer	1.5	$174.38	$261.57
CCAP-Budget	CA Budget - Final Review & Certification			
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
	Total of Consulting Personnel Costs:			**$7,973.60**

concrete ?

Consultant's Materials Costs Form

Materials, Equipment or Field Purchase		Time or Amount Used	Rate ($)	Unit	Total Cost
Remediation Category	**Description/Justification**				
Photoionization Detector		2	$75.00	Day	$150.00
CCA-Field	CA Soil Remediation Near Former USTs - Soil Screening (2/9/2020, 2/11/2020)				
Field Vehicle Mileage		100	$0.58	Mile	$58.00
CCA-Field	Mileage to/from Site for CA Soil Remediation Near Former USTs - 25 miles/RT (12/14/2020, 12/16 thru 18/2020)				
					$0.00
					$0.00
					$0.00
					$0.00
					$0.00
					$0.00
					$0.00
					$0.00

Total of Consultant Materials Costs:	**$208.00**

Owner/Operator and Licensed Professional Engineer/Geologist Budget Certification Form

I hereby certify that I intend to seek payment from the UST Fund for costs incurred while performing corrective action activities for Leaking UST incident 94257, 961540, 991895, 20020 I further certify that the costs set forth in this budget are for necessary activities and are reasonable and accurate to the best of my knowledge and belief. I also certify that the costs included in this budget are not for corrective action in excess of the minimum requirements of 415 ILCS 5/57, no costs are included in this budget that are not described in the corrective action plan, and no costs exceed Subpart H: Maximum Payment Amounts, Appendix D Sample Handling and Analysis amounts, and Appendix E Personnel Titles and Rates of 35 Ill. Adm. Code 732 or 734. I further certify that costs ineligible for payment from the Fund pursuant to 35 Ill. Adm. Code 732.606 or 734.630 are not included in the budget proposal or amendment. Such ineligible costs include but are not limited to:

Costs associated with ineligible tanks.
Costs associated with site restoration (e.g., pump islands, canopies).
Costs associated with utility replacement (e.g., sewers, electrical, telephone, etc.).
Costs incurred prior to IEMA notification.
Costs associated with planned tank pulls.
Legal fees or costs.
Costs incurred prior to July 28, 1989.
Costs associated with installation of new USTs or the repair of existing USTs.

Owner/Operator: Qik N EZ Properties, LLC

Authorized Representative: Amy Ridley Title: Manager

Signature: Date: 3/21/22

Subscribed and sworn to before me the 21st day of March, 2022

(Notary Public) Seal:

OFFICIAL SEAL
D. Eggleston
NOTARY PUBLIC, STATE OF ILLINOIS
My Commission Expires Jan. 5, 2026

In addition, I certify under penalty of law that all activities that are the subject of this plan, budget, or report were conducted under my supervision or were conducted under the supervision of another Licensed Professional Engineer or Licensed Professional Geologist and reviewed by me; that this plan, budget, or report and all attachments were prepared under my supervision; that, to the best of my knowledge and belief, the work described in the plan, budget, or report has been completed in accordance with the Environmental Protection Act [415 ILCS 5], 35 Ill. Adm. Code 732 or 734, and generally accepted standards and practices of my profession; and that the information presented is accurate and complete. I am aware there are significant penalties for submitting false statements or representations to the Illinois EPA, including but not limited to fines, imprisonment, or both as provided in Sections 44 and 57.17 of the Environmental Protection Act [415 ILCS 5/44 and 57.17].

L.P.E./L.P.G. Jeff Wienhoff L.P.E./L.P.G Seal:

JEFFREY R. WIENHOFF
062-058441
LICENSED
PROFESSIONAL
ENGINEER
OF
ILLINOIS

L.P.E./L.P.G. Signature: Date: 3/22/22

Subscribed and sworn to before me the 22nd day of March, 2022

(Notary Public) Seal:

OFFICIAL SEAL
D. Eggleston
NOTARY PUBLIC, STATE OF ILLINOIS
My Commission Expires Jan. 5, 2026

RECEIVED
MAR 25 2022
IEPA/BOL

The Illinois EPA is authorized to require this information under 415 ILCS 5/1. Disclosure of this information is required. Failure to do so may result in the delay or denial of any budget or payment requested hereunder.

OFFICE OF THE ILLINOIS STATE FIRE MARSHAL

JB Pritzker, Governor
Matt Perez, State Fire Marshal

11/26/2019

Chronister Oil Company
2026 Republic Street
Springfield, IL 62702

In Re: Facility No. 5013134
IEMA Incident No. 19961540
Qik-N-EZ
2800 Peoria Road
Springfield, Sangamon, IL 62702

Dear Applicant:

The Reimbursement Eligibility and Deductible Application received on November 25, 2019 for the above referenced occurrence has been reviewed. The following determinations have been made based upon this review.

It has been determined that you are eligible to seek payment of costs in excess of $10,000. The costs must be in response to the occurrence referenced above and associated with the following tanks:

Eligible Tanks

Tank 1 10000 gallon Gasoline

You must contact the Illinois Environmental Protection Agency to receive a packet of Agency billing forms for submitting your request for payment.

An owner or operator is eligible to access the Underground Storage Tank Fund if the eligibility requirements are satisfied:

1. Neither the owner nor the operator is the United States Government,
2. The tank does not contain fuel which is exempt from the Motor Fuel Tax Law,
3. The costs were incurred as a result of a confirmed release of any of the following substances:

   "Fuel", as defined in Section 1.19 of the Motor Fuel Tax Law

   Aviation fuel

   Heating oil

   Kerosene

   Used oil, which has been refined from crude oil used in a motor vehicle, as defined in Section 1.3 of the Motor Fuel Tax Law.
4. The owner or operator registered the tank and paid all fees in accordance with the statutory and regulatory requirements of the Gasoline Storage Act.
5. The owner or operator notified the Illinois Emergency Management Agency of a confirmed release, the costs were incurred after the notification and the costs were a result of a release of a substance listed in this Section. Costs of corrective action or indemnification incurred before providing that notification shall not be eligible for payment.
6. The costs have not already been paid to the owner or operator under a private insurance policy, other written agreement, or court order.
7. The costs were associated with "corrective action".

This constitutes the final decision as it relates to your eligibility and the set deductible. We reserve the right to change the deductible determination should additional information that would change the determination become available. An underground storage tank owner or operator may appeal the decision to the Illinois Pollution Control Board (Board), pursuant to Section 57.9 (c) (2). An owner or operator who seeks to appeal the decision shall file a petition for a hearing before the Board within 35 days of the date of issuance of the final decision, (35 Illinois Administrative Code 105.504(b)).

For information regarding the filing of an appeal, please contact:

Clerk
Illinois Pollution Control Board
State of Illinois Center
100 West Randolph, Suite 11-500
Chicago, Illinois 60601
(312) 814-3620

The following tanks are also listed for this site:

Tank 2 10000 gallon Gasoline
Tank 3 8000 gallon E-85
Tank 4 6000 gallon Diesel Fuel

Your application indicates that there has not been a release from these tanks under this incident number. You may be eligible to seek payment of corrective action costs associated with these tanks if it is determined that there has been a release from one or more of these tanks. Once it is determined that there has been a release from one or more of these tanks you may submit a separate application for an eligibility determination to seek corrective action costs associated with this/these tanks.

If you have any questions, please contact our Office at (217) 785-1020.

Sincerely,

Deanne Lock

Division of Petroleum and Chemical Safety

OFFICE OF THE ILLINOIS STATE FIRE MARSHAL

JB Pritzker, Governor
Matt Perez, State Fire Marshal

11/26/2019

Chronister Oil Company
2026 Republic Street
Springfield, IL 62702

In Re: Facility No. 5013134
IEMA Incident No. 19991895
Qik-N-EZ
2800 Peoria Road
Springfield, Sangamon, IL 62702

Dear Applicant:

The Reimbursement Eligibility and Deductible Application received on November 25, 2019 for the above referenced occurrence has been reviewed. The following determinations have been made based upon this review.

It has been determined that you are eligible to seek payment of costs in excess of $10,000. The costs must be in response to the occurrence referenced above and associated with the following tanks:

Eligible Tanks

Tank 1 10000 gallon Gasoline

You must contact the Illinois Environmental Protection Agency to receive a packet of Agency billing forms for submitting your request for payment.

An owner or operator is eligible to access the Underground Storage Tank Fund if the eligibility requirements are satisfied:

1. Neither the owner nor the operator is the United States Government,
2. The tank does not contain fuel which is exempt from the Motor Fuel Tax Law,
3. The costs were incurred as a result of a confirmed release of any of the following substances:

   "Fuel", as defined in Section 1.19 of the Motor Fuel Tax Law

   Aviation fuel

   Heating oil

   Kerosene

   Used oil, which has been refined from crude oil used in a motor vehicle, as defined in Section 1.3 of the Motor Fuel Tax Law.

4. The owner or operator registered the tank and paid all fees in accordance with the statutory and regulatory requirements of the Gasoline Storage Act.
5. The owner or operator notified the Illinois Emergency Management Agency of a confirmed release, the costs were incurred after the notification and the costs were a result of a release of a substance listed in this Section. Costs of corrective action or indemnification incurred before providing that notification shall not be eligible for payment.
6. The costs have not already been paid to the owner or operator under a private insurance policy, other written agreement, or court order.
7. The costs were associated with "corrective action".

This constitutes the final decision as it relates to your eligibility and the set deductible. We reserve the right to change the deductible determination should additional information that would change the determination become available. An underground storage tank owner or operator may appeal the decision to the Illinois Pollution Control Board (Board), pursuant to Section 57.9 (c) (2). An owner or operator who seeks to appeal the decision shall file a petition for a hearing before the Board within 35 days of the date of issuance of the final decision, (35 Illinois Administrative Code 105.504(b)).

For information regarding the filing of an appeal, please contact:

Clerk
Illinois Pollution Control Board
State of Illinois Center
100 West Randolph, Suite 11-500
Chicago, Illinois 60601
(312) 814-3620

The following tanks are also listed for this site:

Tank 2 10000 gallon Gasoline
Tank 3 8000 gallon E-85
Tank 4 6000 gallon Diesel Fuel

Your application indicates that there has not been a release from these tanks under this incident number. You may be eligible to seek payment of corrective action costs associated with these tanks if it is determined that there has been a release from one or more of these tanks. Once it is determined that there has been a release from one or more of these tanks you may submit a separate application for an eligibility determination to seek corrective action costs associated with this/these tanks.

If you have any questions, please contact our Office at (217) 785-1020.

Sincerely,

Deanne Lock

Division of Petroleum and Chemical Safety

OFFICE OF THE ILLINOIS STATE FIRE MARSHAL

JB Pritzker, Governor
Matt Perez, State Fire Marshal

8/3/2021

Chronister Oil Company
2026 Republic Street
Springfield, IL 62702

In Re: Facility No. 5013134
IEMA Incident No. 20201063
Qik-N-EZ
2800 Peoria Road
Springfield, Sangamon, IL 62702

Dear Applicant:

The Reimbursement Eligibility and Deductible Application received on August 02, 2021 for the above referenced occurrence has been reviewed. The following determinations have been made based upon this review.

It has been determined that you are eligible to seek payment of costs in excess of $5,000. The costs must be in response to the occurrence referenced above and associated with the following tanks:

Eligible Tanks

Tank 1 10000 gallon Diesel Fuel
Tank 2 10000 gallon Gasoline
Tank 3 8000 gallon E-85

You must contact the Illinois Environmental Protection Agency to receive a packet of Agency billing forms for submitting your request for payment.

An owner or operator is eligible to access the Underground Storage Tank Fund if the eligibility requirements are satisfied:

1. Neither the owner nor the operator is the United States Government,
2. The tank does not contain fuel which is exempt from the Motor Fuel Tax Law,
3. The costs were incurred as a result of a confirmed release of any of the following substances:

   "Fuel", as defined in Section 1.19 of the Motor Fuel Tax Law

   Aviation fuel

   Heating oil

   Kerosene

   Used oil, which has been refined from crude oil used in a motor vehicle, as defined in Section 1.3 of the Motor Fuel Tax Law.

4. The owner or operator registered the tank and paid all fees in accordance with the statutory and regulatory requirements of the Gasoline Storage Act.
5. The owner or operator notified the Illinois Emergency Management Agency of a confirmed release, the costs were incurred after the notification and the costs were a result of a release of a substance listed in this Section. Costs of corrective action or indemnification incurred before providing that notification shall not be eligible for payment.
6. The costs have not already been paid to the owner or operator under a private insurance policy, other written agreement, or court order.

This constitutes the final decision as it relates to your eligibility and the set deductible. We reserve the right to change the deductible determination should additional information that would change the determination become available. An underground storage tank owner or operator may appeal the decision to the Illinois Pollution Control Board (Board), pursuant to Section 57.9 (c) (2). An owner or operator who seeks to appeal the decision shall file a petition for a hearing before the Board within 35 days of the date of issuance of the final decision, (35 Illinois Administrative Code 105.504(b)).

For information regarding the filing of an appeal, please contact:

Clerk
Illinois Pollution Control Board
State of Illinois Center
100 West Randolph, Suite 11-500
Chicago, Illinois 60601
(312) 814-3620

The following tanks are also listed for this site:

Tank 4 6000 gallon Diesel Fuel
Tank 5 10000 gallon Gasoline - Regular
Tank 6 10000 gallon Diesel Fuel
Tank 7 10000 gallon E-15

Your application indicates that there has not been a release from these tanks under this incident number. You may be eligible to seek payment of corrective action costs associated with these tanks if it is determined that there has been a release from one or more of these tanks. Once it is determined that there has been a release from one or more of these tanks you may submit a separate application for an eligibility determination to seek corrective action costs associated with this/these tanks.

If you have any questions, please contact our Office at (217) 785-1020.

Sincerely,

Deanne Lock

Division of Petroleum and Chemical Safety

ATTACHMENT 10

ILLINOIS STATE GEOLOGICAL SURVEY

Private Water Well	Top	Bottom
clay	0	20
brown hardpan	20	25
blue hardpan	25	28
Total Depth		28

Casing: 6" SCHEDULE 40 from 1' to 10'
36" CONCRETE from 10' to 28'

Grout: PEA GRAVEL from 10 to 28.

Water from clay at 7' to 28'.

Owner Address: [redacted]
Add'l loc. info: Lot: #95 Subdivision: Mt. Pleasant

Location source: Location from permit

Permit Date: June.13, 1991 Permit #:

COMPANY White, Harold E.
FARM [redacted]
DATE DRILLED June 14, 1991 NO.
ELEVATION 0 COUNTY NO. 25105
LOCATION
LATITUDE 39.838412 LONGITUDE -89.625486
COUNTY Sangamon API 121672510500 14 - 16N - 5W

ILLINOIS STATE GEOLOGICAL SURVEY

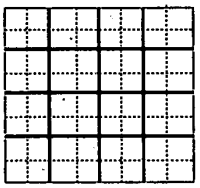
Private Water Well	Top	Bottom
top soil	0	4
yellow clay	4	19
gray clay	19	31
Total Depth		31

Casing: 6" PVC from -1' to 10'
36" CONCRETE from 10' to 31'

Owner Address: [redacted]
Address of well: N. 8th St.
Location source: Location from permit

Permit Date: May 17, 1989 Permit #: 011438

COMPANY Jacobs, Ray E.
FARM [redacted]
DATE DRILLED May 23, 1989 NO. 1
ELEVATION 0 COUNTY NO. 24987
LOCATION NW SW NE
LATITUDE 39.841019 LONGITUDE -89.643554
COUNTY Sangamon API 121672498700 15 - 16N - 5W



Illinois Environmental Protection Agency

Source Water Assessment Program Factsheets

Select Water System Type

Community

Select County

Adams

Search County

-- Or --

Enter any part of a Facility Name

SPRINGFIELD

Search Facility Name

Search Results

SPRINGFIELD

Select Water System

To view a summary version of the completed Source Water Assessments, you may search our records by county or public water supply name. This summary information describes pertinent sub-sections of each completed assessment including: Importance of Source Water; Susceptibility to Contamination Determination; and documentation/recommendation of Source Water Protection Efforts. However, summaries of Source Water Protection Efforts have not been documented for non-community water supplies. It should be noted that these Source Water Assessment summaries are presented in strict compliance with Illinois EPA's security policy on the release of sensitive information. Therefore, all locational data and maps pertaining to wells, aquifers and/or surface water intakes have been removed. To obtain a complete version of the Source Water Assessment Report, please contact your local water supply officials.

Water Percentages:

Surface Water %	Surface Water Purchase %	Ground Water %	Ground Water Purchase %	Ground Water UDI %	Ground Water UDI Purchase %
100.00	0.00	0.00	0.00	0.00	0.00

Importance Of Source Water:

Drinking water for the city of Springfield, Illinois (Facility No. 1671200) is supplied by the municipal utility, City Water, Light, & Power (CWLP). Lake Springfield, which is operated and managed by CWLP, serves as the source of this drinking water. CWLP operates a surface water intake (IEPA #52140) in the lake drawing an average of 22 million gallons per day. This intake has five ports at varying depths in the lake. A backup intake (IEPA #52080) is located at the juncture of Horse Creek and the South Fork. This intake is used to supplement Lake Springfield in times of drought or when the lake level is low. CWLP provides water to approximately 49,000 service connections and a population of 157,000 people in the Springfield area. Facilities purchasing water from CWLP include: Chatham (1670300), Grandview (1670500), Jerome (1670600), Loami (1670700), Rochester (1671000), Williamsville (1671300), Oak Park MHP (1675145), and Sugar Creek PWD (1675300). In addition to providing drinking water, the lake supplies cooling water to CWLP's electric-generating coal power plant and has recreational uses, including swimming, boating, and fishing. Area residents visit Lake Springfield over 600,000 times a year to enjoy these recreational activities.

Well Data For This Facility:

No Data

Intake Details:

Intake ID	Source	Description	Watershed ID	Stream Segment ID	Lake Name
IN52140	LR	INTAKE (52140) LAKE SPFLD 1 INTAKE2			
IN52141	SR	INTAKE (52141) S FK HRSE CRK INTKE			

Source Water Quality:

The overall resource quality of the lake is considered "fair." Results from Illinois EPA's 1999 Ambient Lake Monitoring Program indicate the untreated raw water supply has had detections above the drinking water standard, set at 3 parts per billion (ppb), for the pesticide compound atrazine. Atrazine is a widely used selective herbicide for control of broadleaf and grassy weeds in crops such as corn. Atrazine is fairly persistent and highly mobile in soils and water. (As a result, atrazine is often found in surface waters, and in some cases groundwater, in areas where it is used extensively.) Such is the case with Lake Springfield, therefore the city uses powdered activated carbon (PAC) treatment to bring the source water quality within the drinking water standard for atrazine. The amount of PAC required has dropped off some, and this is potentially attributable to an increase in the number of grass filter strips and other agricultural best management practices (BMPs) being established by farmers within the watershed. Nitrate levels are also slightly elevated at 5 parts per million (ppm), but below the drinking water standard of 10 ppm. Leptospirosis has been an additional concern in association with Lake Springfield's recreational uses. Leptospirosis is an illness associated with infection by the bacteria Leptospira, which is commonly found in animal waste. In 1998, Leptospira caused illness to some recreational users of Lake Springfield. Infection with Leptospirosis occurs through contact of the contaminated water with broken skin or inside the nose or mouth. With current treatment methods, there is little risk of Leptospirosis through drinking water. Restricting swimming and fishing in the waters of Lake Springfield during the Leptospirosis health advisories minimized risk to infection from this pathogen. Waters not attaining water quality standards with technology-based controls alone (e.g. water quality limited) must be identified in accordance with Section 303(d) of the Federal Clean Water Act (CWA). Water body segments (streams) within this watershed are included on the 303(d) list. An explanation of how water body segments are rated can be found in the document entitled "Guidance For Developing Watershed Implementation Plans In Illinois", available from the Watershed Management Section. For information pertaining to the water bodies or watershed discussed in this fact sheet, refer to the CWA Section 303(d) list: Illinois' submittal for 1998. Information pertaining to this program, designated stream segments and this document can be obtained by contacting the Watershed Management Section of the Bureau of Water at 217/782-3362.

Finished Water Quality:

Finished water quality data is available at U.S. EPA's website: http://www.epa.gov/. This data includes tables of monitored parameters and any contaminants detected, including any health advisory information, drinking water standards, or maximum contaminant levels (MCLs). This data is also available in the Consumer Confidence Report supplied by City Water Light and Power to its customers.

Potential Sources Of Contamination:

The phrase potential source is expressly used here to describe sources existing in possibility or having the capability of becoming a source of contamination. Figure 1 shows the locations of known potential point sources of contamination. The term point source is used to distinguish it from the term nonpoint source. Nonpoint source pollution is the diffuse, intermittent runoff of pollutants from various sources. Precipitation moving over and through the ground picks up pollutants from these sources and carries them into rivers, lakes, and groundwater. The names of potential point sources of contamination identified in Figure 1 are listed in Table I. The sites listed in Table I are considered potential sources of contamination due to: the nature of the activity; the availability of data in electronic databases; and their geographic proximity to the source water protection area. These are divided into six different types that are classified by the following abbreviations: CU = cleanup (sites that are actively doing cleanups); LF = landfill; NPDES = National Pollutant Discharge Elimination System discharge point; RCRA = Resource Conservation and Recovery Act site; LU = Leaking Underground Storage Tank (sites with leaking underground storage tanks that have not received a No Further Remediation letter); and TRI = Toxic Release Inventory site (a site that has had a toxic release to a receiving stream or publicly owned treatment works).

Figure 2 illustrates the land cover within the watershed, indicating areas that may contribute to nonpoint source pollution. Major activities that contribute to Illinois' nonpoint source pollution problems are agriculture, construction erosion, urban runoff, hydrologic modifications, and resource extraction activities. Figure 3 shows mining activities within the Lake Springfield Watershed. Within the 165,366-acre watershed, the percent of land cover is composed of: 75% agricultural, 2% urban, 1% transportation, 18% forest/grasslands, and 4% water/wetlands.

Potential nonpoint source contaminants of concern include waterborne pathogens such as Cryptosporidia, Leptospira, E. coli, Giardia, and fecal coliform, as well as nitrogen and herbicides such as atrazine. Cryptosporidia and Leptospira are single cell disease–causing parasites that live in wildlife, livestock and domestic animals. If these animals live near bodies of water they may serve as carriers of these parasites. Figure 4 shows estimated wildlife and livestock density information for relevant counties in the watershed. Livestock densities are based on actual numbers of cattle, hogs, sheep, goats and horses per county; wildlife densities are based on the estimated number of whitetail deer per county. Due to their ability to adapt to different environments, whitetail deer are a good indicator of wildlife density on a countywide level. See http://www.epa.gov/ogwdw/ for more information on Cryptosporidia. Figures 5 and 6 show estimated nitrogen and atrazine usage, respectively, in the watershed area. Nitrogen usage is shown in tons per square mile; atrazine usage is illustrated in pounds per square mile. In addition, there are rapidly developing areas, especially south and west of Springfield, which could contribute increased erosion and sedimentation effects.

Table I

MAP ID FACILITY NAME SOURCE TYPE
1 SPRINGFIELD CWLP NPDES
2 AUBURN STP NPDES
3 VIRDEN NORTH STP NPDES
4 ILLINOIS FEED MANUFACTURING CO. TRI
5 ILLINOIS CEREAL MILLS, INC. TRI
6 CHARLES ROBBINS REALATORS CU
7 FARMERS ELEVATOR COMPANY CU
8 DICK A B PRODUCTS RCRA
9 HONDA OF ILLINOIS RCRA
10 QUALITY AUTO SVC CTR RCRA
11 ST FRANCIS CONVENT HOSP SISTERS 3RD ORD RCRA
12 ORKIN PEST CONTROL CO INC RCRA
13 SUNOCO SERVICE STATION RCRA
14 SANGAMON STATE UNIVERSITY RCRA
15 AERO SERVICES INTERNATIONAL RCRA
16 CITY WATER LIGHT AND POWER RCRA
17 SPRINGFIELD AIR CENTER RCRA
18 FENSTERMAKER AND SONS AUTO BODY RCRA
19 SANGAMON CNTY SHERIFF GARAGE RCRA
20 US ARMY RESERVE CTR RCRA
21 SOUTHLANDS MATERIAL SUPPLY CORP RCRA
22 GROWMARK INC WAREHOUSE RCRA
23 ABF FREIGHT SYSTEMS INC RCRA
24 CHICAGO AND IL MIDLAND RWY RCRA
25 NORFOLK AND WESTERN RAILWAY CO RCRA
26 SPRINGFIELD CWLP FACILITY RCRA
27 ROBS SVC INC CARTECH RCRA
28 NICHOLS GARRISON RCRA
29 SHELL SVC STA RCRA
30 FRIENDLY CHEVROLET RCRA
31 CRYSTAL CLEANERS RCRA
32 PREHOP CLEANERS RCRA
33 SATTLER OLDSMOBILE CADILLAC CHARLIE RCRA
34 LAKETOWN AUTOMOTIVE RCRA
35 SICILIANO INC RCRA
36 FLOYD IMPORTS RCRA
37 TMI ANALTICAL RCRA
38 DOCTORS HOSPITAL RCRA
39 IL BELL TEL RCRA
40 ILL BELL TEL RCRA
41 DAVID J CO RCRA
42 DTC LABORATORIES RCRA
43 ROYAL CROWN BOTTLING CO OF CHICAGO RCRA
44 CHICAGO DIST CORPS OF ENGRS RCRA
45 MEANS SERVICES INC RCRA
46 CAPITOL MACHINERY CO RCRA
47 ILLINI TECHNOLOGY INC RCRA
48 GREAT NORTHERN EQUIPMENT CO INC RCRA
49 CAPITOL AREA VOCATIONAL CTR RCRA
50 RYANS AMOCO SVC RCRA
51 ECO CLEAN INC RCRA
52 CUSTOM CHEMICAL INC RCRA
53 CHATHAM COLLISION REPAIR RCRA
54 SUPERIOR CLEANERS INC RCRA
55 AC AND R COMPONENTS INC RCRA
56 KAISER AGRICULTURAL CHEMICALS RCRA
57 FARM SUPPLY SERVICES INC RCRA
58 BEATTY IMPLEMENT CO RCRA
59 DICKEY JOHN CORP RCRA
60 CASEYS GENERAL STORES INC RCRA
61 CAUFIELD AUTO BODY RCRA
62 MIDAMERICA MACHINERY CO RCRA
63 SLOAN IMPLEMENT VIRDEN BRANCH RCRA
64 BURLINGTON NORTHERN INC RCRA
65 KAISER AGRICULTURAL CHEMICALS RCRA
66 FREEDOM CHEV OLDS INC RCRA
67 PRAIRIE INTERNATIONAL TRUCKS RCRA
68 FREEMAN UNITED COAL MNG CO CROWN II MINE RCRA
69 MACOUPIN SERVICE CO RCRA
70 RIEGOR JM AND ASSOC RCRA
71 WARECO SERVICE INC. LU
72 KERR MCGEE SERVICE STATION LU
73 DUGAN OIL CO. LU
74 PHILLIPS 66 LU

75 CITY WATER LIGHT & POWER LU
76 MOBIL OIL CORP. LU
77 CHICAGO DIST. CORPS OF ENGINEERS LU
78 ILLINOIS BELL TELEPHONE LU
79 SICILIANO INC. LU
80 SICILIANO INC. LU
81 SHELL OIL CO. LU
82 ROBS AMOCO #5412 LU
83 AMOCO OIL #5478 LU
84 SPRINGFIELD FIRE DEPT. LU
85 CARTER, JOE LU
86 GREENE & BRADFORD LTD. LU
87 BUNN CAPITOL CO. LU
88 U-HAUL LU
89 GLENARM GRAIN LU
90 PAULA'S LANDING LU

SOURCES OF INFORMATION: Data and information used in the maps supplied with this factsheet were obtained from the following sources:

- Transportation, Rivers, County Boundary, Land Cover, and Wildlife Density from Illinois DNR
- CERCLA and RCRA sites from U.S. EPA's Envirofacts Database
- Herbicide and Nitrogen Usage from U.S. Geological Survey
- Livestock Densities from United States Department of Agriculture
- TRI , NPDES , LUST Sites, Cleanups, Landfills, Watershed Boundaries, and Intakes provided by Illinois EPA

Site Data For This Facility:

No Data

Susceptibility To Contamination:

Illinois EPA considers all surface water sources of community water supply to be susceptible to potential pollution problems; hence, the reason for mandatory treatment for all surface water supplies in Illinois. Mandatory treatment includes coagulation, sedimentation, filtration, and disinfection. Causes of pollution to the lake include nutrients, siltation, suspended solids, and organic enrichment. Primary sources of pollution include agricultural runoff, land disposal (septic systems), and shoreline erosion.

Source Water Protection Efforts:

Since the mid-1980s, Lake Springfield has undergone extensive monitoring and lake restoration, including the dredging of part of the upper reaches of the lake. Watershed management projects have also been undertaken to help sustain this valuable lake resource. The importance of good water quality and protecting the natural resource base in Lake Springfield and its watershed has been the focus of the Lake Springfield Watershed Resources Planning Committee (LSWRPC) since 1990. CWLP completed a Phase I diagnostic-feasibility study of Lake Springfield in 1987 to develop a management plan for the lake. Although this study was not funded through the Federal Clean Lakes Program (FCLP), it was written in accordance with the FCLP guidance. The city of Springfield subsequently applied for and received FCLP Phase II implementation funding during the time frame when they were dredging the lake (1988-1992). As part of Phase II, CWLP authored a report entitled "Lake Springfield Ecology and Management: A Leaseholder and Community Guide." This color document contains pictures and tips on what to do to protect the lake. Illinois EPA has copies available for public distribution at 217/782-3362. The LSWRPC has developed a comprehensive fact sheet that discusses the watershed protection efforts that are taking place. In addition, a special edition of Farm Chemical magazine discusses the study being conducted by Novartis Crop Protection, USDA, Sangamon County Soil and Water Conservation Districts, LSWRPC, CWLP, and Illinois State Water Survey to monitor the effectiveness of agricultural BMPs. For more information on BMPs, please refer to the website at http://www.ctic.purdue.edu, as well as "A Guide to Illinois Lake Management" available from Illinois EPA. The Illinois Agronomy Handbook should also be used as guidance in implementing BMPs. In order to help farmers in adopting sound agricultural practices the Illinois Council on Best Management Practices (C-BMP) was formed. The Council is a coalition of agribusiness and agricultural producer organizations with the support of the University of Illinois Extension and serves as a clearinghouse on current research to protect water quality in Illinois. The Council also provides information and support to local watershed groups to help implement sound water quality initiatives and can offer educational assistance and help facilitate the technical and financial resources needed to carry out water quality objectives. In 1999, the C-BMP began promoting the 1.2 is the Most You Should Do nitrogen best management program. 1.2 pounds of nitrogen per bushel of corn is the University of Illinois recommendation, based upon years of research. The 1.2 program provides agrichemical dealers and producers with an easy to read chart and worksheet that helps them figure their optimum recommended nitrogen application rate based on a five year yield average an reminds them to take the appropriate nitrogen credits for past crops or fertilization practices. The 1.2 flowchart is also in a decal form and C-BMP encourages all agrichemical dealers to affix these decals to anhydrous nurse tanks and liquid nitrogen applicators to remind producers that 1.2 is the Most You Should Do! For more information on C-BMP contact Dr. George Czapar, Springfield Extension Center, P.O. Box 8199, Springfield, IL 62791, email: g-czapar@uiuc.edu In a national effort to ensure adequate protection against groundwater contamination from the herbicide atrazine, U. S. EPA made significant changes to the atrazine use label in 1990. It is a violation of law to apply, mix, or load atrazine within 50 feet of any well, including water wells, irrigation wells, livestock water wells, abandoned wells or sinkholes. In 1992, the atrazine label was further amended to protect surface waters by requiring a 200 foot application setback for lakes and reservoirs. In addition, there is a 66 foot setback from any point where field surface water runoff enters a stream or river. A concerted effort to incorporate best management practices for atrazine applications is on-going, an atrazine BMP document is available from Novartis Crop Protection, or by contacting the Illinois Fertilizer & Chemical Association at (800) 892-7122. Under CWA Section 319, U. S. EPA provides grants for the Illinois EPA to finance projects that demonstrate cost-effective solutions to nonpoint source pollution problems and promote public knowledge and awareness of nonpoint source pollution. Section 319 funded projects in the Sangamon County portion of the Lake Springfield Watershed have included NPS pollution prevention advertisements on billboards around Springfield, demonstration of construction erosion control practices, implementation of educational programs and BMPs (wetland restoration, stream bank stabilization, grade stabilization, etc.) for nonpoint source control on Lincoln Memorial Garden property, and construction of an exhibit on watershed management practices for nonpoint source control at the Illinois State Fairgrounds. The protection efforts being conducted by CWLP and LSWRPC include a lake maintenance plan to remove sediment, shoreline stabilization measures, and preventative techniques implemented at the watershed level. Working with the agricultural community, funding sources and technical expertise has been made available to farmers to increase the use of soil conservation practices that reduce sediment as well as the levels of farm chemicals entering the lake. In 1999, in addition to chemical and physical concerns, CWLP began monitoring E. Coli bacteria on a once per month basis in September through April, twice per month in May through August, and after major rainfall events to gauge bacteriological risks. E. Coli is a common bacteria found in the intestines of mammals that can cause gastrointestinal problems if ingested. Using E. Coli as an indicator species for risk to other microbial pathogens, officials can better predict when Lake Springfield water is a significant risk to recreational users. The inspection of septic systems near the lake provides further protection of Lake Springfield's water quality. These inspections ensure that new and existing septic systems maintain adequate controls and integrity to prevent their contents from leaking into Lake Springfield. Similar controls exist for above and below ground fuel storage tanks, where the tanks must be permitted and of sufficient design and operation to constitute low risk of failure. In an effort to minimize the impact of livestock facilities on water resources on a statewide basis, livestock facilities are now regulated under the Livestock Management Facilities Act. This legislation is designed to keep Illinois' livestock industry productive and environmentally responsible by establishing requirements for design, construction, operation and management of livestock facilities and waste-handling structures. Detailed information on the Livestock Management Facilities Act may be found at the website http://www.agr.state.il.us. In addition, further watershed protection efforts and priorities of the Illinois EPA, Illinois Department of Agriculture, Illinois Department of Natural Resources, U.S. Department of Agriculture's Natural Resources Conservation Service, U.S. Army Corps of Engineers, and The Nature Conservancy are described and illustrated at the website: http://www.epa.state.il.us/water/unified-watershed-assessment/index.html.

Report a Problem

Drinking Water Branch

Water System Details

Links

Water System Facilities

Sample Schedules

Coliform/Microbial Sample Results

Coliform Sample Summary Results

Lead And Copper Sample Summary Results

Chem/Rad Samples/Results

Chem/Rad Samples/Results by Analyte

Violations/Enforcement Actions

Site Visits

Milestones

Return Links

Water Systems

Water System Search

County Map

Glossary

Water System No. : IL1671200 **Federal Type :** C

Water System Name : SPRINGFIELD **State Type :** C

Principal County Served : SANGAMON **Primary Source :** SW

Status : A **Activity Date :** 01-01-1970

Points of Contact

Name	Job Title	Type	Phone	Address	Email
LAFOUNTAIN, TODD J.	AC	AC	217-789-2116	CITY WATER LIGHT & POWER, 800 E. MONROE STREET, SPRINGFIELD, IL-62701	todd.lafountain@cwlp.com
LAFOUNTAIN, TODD J.	AC	SBA	217-789-2116	CITY WATER LIGHT & POWER, 800 E. MONROE STREET, SPRINGFIELD, IL-62701	todd.lafountain@cwlp.com
LUCAS, KIMBERLY A.	TREATMENT ROINC SA	SA	217-757-8630	CITY WATER, LIGHT & POWER, 3100 STEVENSON DRIVE, SPRINGFIELD, IL-62703	kim.lucas@cwlp.com
LANGFELDER, JAMES O.	MAYOR	OC	217-789-2200	MUNICIPAL CENTER WEST, 800 EAST MONROE STREET, SPRINGFIELD, IL-62701	JIM.LANGFELDER@SPRINGFIELD.IL.US

Annual Operating Periods & Population Served

Start Month	Start Day	End Month	End Day	Population Type	Population Served
1	1	12	31	R	117428

Service Connections

Type	Count	Meter Type	Meter Size Measure
RS	52663	ME	0

Sources of Water

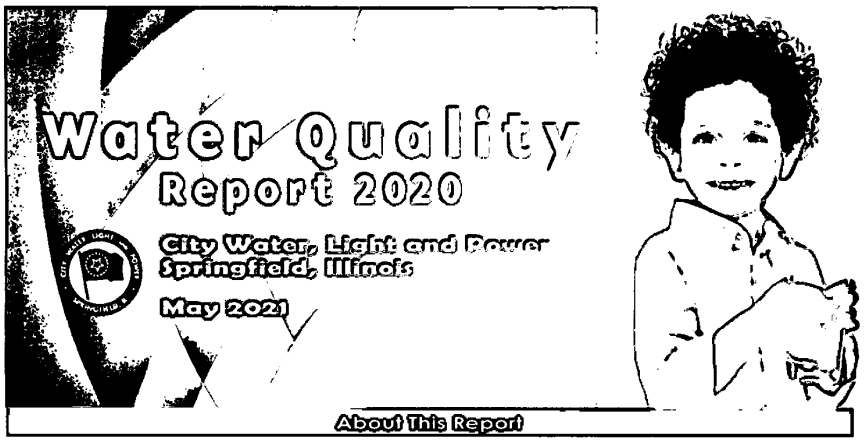
Name	Type Code	Status
INTAKE (52140) LAKE SPFLD I INTAKE2	IN	A
INTAKE (52141) S FK HRSE CRK INTKE	IN	A

Service Areas

Code	Name
R	MUNICIPALITY

Water Purchases

Seller Water System No.	Water System Name	Seller Facility Type	Seller State Asgn ID No.	Buyer Facility Type	Buyer State Asgn ID No.



About This Report

The City of Springfield is pleased to bring you the 22nd annual Water Quality Report for consumers of drinking water provided by your municipal utility, City Water, Light & Power (CWLP). We hope the information provided here will enlighten you about some of the monitoring undertaken to evaluate the production of your drinking water. Details about where the water comes from, what it contains, and how it compares to standards set by the regulatory agencies are included. As this report will demonstrate, the City of Springfield is committed to providing you with high quality water.

In 2020, as in years past, tap water produced by City Water, Light & Power met all United States Environmental Protection Agency (USEPA) and State of Illinois drinking water health standards. The purification process is monitored 24 hours each day, and CWLP is pleased to report the utility had no violations of a contaminant level or of any other water quality standards in 2020. This report, which summarizes the quality of water CWLP provided last year, and other utility information are available on the CWLP website at www.cwlp.com.

CWLP utility issues are discussed at City Council meetings at 5:30 p.m. on the first and third Tuesdays of each month and at the Council Committee of the Whole meetings held at 5:30 p.m. on the Tuesday of each week prior to a City Council meeting. These meetings are open to the public and are held in the City Council chambers on the third floor of Municipal Center West, 300 S. 7th Street.

About Drinking Water Contaminants

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturally occurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Possible contaminants consist of:

- *Microbial contaminants*, such as viruses and bacteria, which can come from sewage treatment plants, septic systems, agricultural livestock operations, and wildlife;
- *Inorganic contaminants*, such as salts and metals, which can be naturally occurring or result from urban stormwater runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming;
- *Pesticides/herbicides*, which can come from a variety of sources, such as agriculture, urban stormwater runoff, and residential uses;
- *Organic chemical contaminants*, including synthetic and volatile organic chemicals, which are byproducts of industrial processes and petroleum production and can also come from gas stations, urban stormwater runoff and septic systems;
- *Radioactive contaminants*, which can be naturally occurring or the result of oil and gas production and mining activities.

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons—such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants—can be particularly at risk from infections. These people should seek advice about drinking water from their health-care providers. EPA/Centers for Disease Control (CDC) guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the USEPA's Safe Drinking Water Hotline (1-800-426-4791).

Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants. The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the USEPA's Safe Drinking Water Hotline (1-800-426-4791).

To ensure tap water is safe to drink, the USEPA prescribes regulations that limit the amount of contaminants in water provided by public water systems. The Illinois Environmental Protection Agency (IEPA) administers the drinking water program in Illinois under rules adopted by the Illinois Pollution Control Board. These rules are identical in substance to those of the USEPA. Food and Drug Administration (FDA) regulations establish limits for contaminants in bottled water, which must provide the same protection for public health.

Due to a favorable monitoring history, the USEPA and IEPA have issued no variances or exemptions to the CWLP Water Division.

This Water Quality Report includes tables that will give you a better picture of the drinking water contaminants CWLP tested for and detected during 2020.

Testing and Reporting Regulated Contaminants

The *Detected Contaminants* table on page 3 lists all contaminants detected in drinking water produced by CWLP during 2020. Although testing was conducted for many more contaminants, only those substances listed in the table were found in the water. If you would like a full list of all tested substances, call the CWLP Water Purification Plant at (217) 757-8630.

All sources of drinking water contain some naturally occurring contaminants. At low levels, these substances are generally not harmful in our drinking water. Removing all contaminants would be extremely expensive and, in most cases, would not provide increased protection of public health. A few naturally occurring minerals might actually improve the taste of drinking water and have nutritional value at low levels.

In the *Detected Contaminants* table on page 3 and the *Common Quality Analyses of Springfield Drinking Water* table on page 4, you might find a number of terms and abbreviations that are not familiar to you. To help you better understand these terms, please check the *Data Table Footnotes* and the *Definitions of Terms* on page 4, as well as the *Measurement Definitions* at the bottom of this page.

Cryptosporidium Monitoring

Cryptosporidium is a microbial parasite found in surface water throughout the United States. Filtration removes Cryptosporidium, but the most commonly used filtration methods cannot guarantee 100 percent removal. Ingestion of Cryptosporidium can cause cryptosporidiosis, the symptoms of which include nausea, diarrhea, and abdominal cramps. Most healthy individuals can overcome the infection within a few weeks, but people who are immuno-compromised have a greater risk of developing a life-threatening illness. The disease may be spread through means other than drinking water, such as poor sanitation practices.

Past monitoring has indicated the presence of Cryptosporidium in our source water, but these organisms have never been detected in the drinking water. Treatment processes have been optimized to ensure that if there are Cryptosporidium cysts in the source water, they will be removed during the treatment process. By maintaining low turbidity, a result of efforts to remove particles from the water, the threat of Cryptosporidium organisms getting through the treatment process and into the drinking water system is greatly reduced.

Source Water Assessment

Lake Springfield is the surface water source of our drinking water. It contains over 17 billion gallons of water and covers about 3,965 acres. Its 265-square-mile watershed, including the Sugar and Lick Creek drainage areas, is composed primarily of agricultural land. During times of low precipitation, water is pumped from the South Fork of the Sangamon River at its confluence with Horse Creek.

To convert this raw water supply to drinking water, lake water is pumped through CWLP's Water Purification Plant where chemical reactions are initiated to assist in the removal of algae, suspended solids, hardness and many chemical constituents. The clarification basins remove the bulk of these materials and the final filter beds remove very small particles. Fluoride is added to prevent tooth decay; chlorine to disinfect the finished water; and ammonia to stabilize the chlorine in the distribution system.

Illinois EPA considers all surface water sources of community water supplies to be susceptible to potential pollution problems; hence, the reason for mandatory treatment for all surface water supplies in Illinois. Mandatory treatment includes coagulation, sedimentation, filtration, and disinfection. Causes of pollution to lakes include nutrients, siltation, suspended solids, and organic enrichment. Primary sources of pollution include agricultural run-off, land disposal (septic systems), and shoreline erosion. If you would like a copy of the assessment, call the Water Purification Plant at (217) 757-8630.

Lead

The Lead and Copper Rule (LCR) was developed to protect public health by minimizing lead levels in drinking water. The LCR established an action level of 15 ppb for lead based on the 90th percentile level of tap water samples collected. Lead is sampled on a mandated three-year testing cycle with sampling conducted at the customer's tap.

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials and components associated with service lines and home plumbing. CWLP is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components within a building. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking.

If you are concerned about lead in your water, you may wish to have your water tested. Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline, (1-800-426-4791), at http://www.epa.gov/safewater/lead or https://cwlp.com/leadawareness.

Measurement Definitions

n/a	Not applicable.	*%≤0.3NTU*	Percent of samples less than 0.3 NTU.
nd	Not detected at testing limits.	*ppm (mg/L)*	Parts per million, or milligrams per liter.
NTU	Nephelometric Turbidity Unit; measures cloudiness in drinking water.	*ppb (ug/L)*	Parts per billion, or micrograms per liter.
		pCi/L	Picocuries per liter; measures radioactivity.

2020 Detected Contaminants

CONTAMINANT (unit of measurement) Typical source of contaminant	*MCLG*	*MCL*	*Highest Level Found*[1]	*Range of Detections*[1]	*Violation*	*Date of Sample*
Microbial Contaminants						
TURBIDITY[2] (NTU) (%≤0.3 NTU) soil runoff	n/a	TT	100.00	100 – 100		
TURBIDITY[2] (NTU) soil runoff	n/a	TT= NTUmax	0.3	n/a		
Inorganic Contaminants						
BARIUM (ppm) discharge of drilling wastes, metal refineries; erosion of natural deposits	2	2	0.024	n/a		
FLUORIDE[3] (ppm) erosion of natural deposits; water additive to promote strong teeth; discharge from fertilizer and aluminum factories	4	4	0.6	0.5 – 0.8		
LEAD[4] (ppb) corrosion of household plumbing systems; erosion of natural deposits	0	AL=15	ND	4 exceeding AL		2019
NITRATE[5] (as NITROGEN) (ppm) runoff from fertilizer use; leaching from septic tanks, sewage; erosion of natural deposits	10	10	4.4	ND – 4.4		
Synthetic Organic Contaminants						
ATRAZINE (ppb) runoff from herbicide used on row crops	3	3	0.79	ND – 0.79		
Disinfectants/Disinfection By-Products						
HALOACETIC ACIDS (HAA5) (ppb) by-product of drinking water disinfection	n/a	60	20.6	8.5 – 28.5		
CHLORAMINE (as Cl2) (mg/L) water additive used to control microbes	MRDLG=4	MRDL=4	2	2 – 2		
TOTAL TRIHALOMETHANES (TTHMs) (ppb) by-product of drinking water disinfection	n/a	80	40.7	23.0 – 53.0		
Radioactive Contaminants						
RADIUM (COMBINED 226/228) (pCi/L) erosion of natural deposits	0	5	1.01	n/a		
State Regulated Contaminants[6]						
SODIUM[7] (ppm) erosion of natural deposits; leaching	n/a	n/a	11	n/a		
Unregulated Contaminants[8]						
HAA6BR (ppb) by-product of drinking water disinfection	n/a	n/a	5.07	3.36 – 5.88		
HAA9 (ppb) by-product of drinking water disinfection	n/a	n/a	31.69	16.43 – 36.69		
MANGANESE (ppb) naturally occurring element	n/a	n/a	2.9	ND – 2.9		
Total Organic Carbon[9] *See Data Table Footnote 9, p4*						

Unless otherwise noted, the data presented in this table is from testing done in the calendar year of the report. The EPA or the State requires CWLP to monitor for certain contaminants less than once per year because the concentrations of these contaminants do not vary significantly from year to year, or the system is not considered vulnerable to this type of contamination. As such, some of our data, though representative, may be more than one year old. In this table you will find terms and abbreviations that might not be familiar to you. To help you better understand these terms, we have provided the definitions on page 4.

Common Quality Analyses of Springfield Drinking Water

Values in ppm unless otherwise noted	*Minimum*	*Average*	*Maximum*
pH[10] (units)	9.1	9.4	9.9
TOTAL ALKALINITY (as $CaCO_3$)[11]	32	42	64
TOTAL HARDNESS (as $CaCO_3$)[11]	72	100	140
CALCIUM HARDNESS (as $CaCO_3$)[11]	50	71	106
MAGNESIUM HARDNESS (as $CaCO_3$)[11]	10	29	60
RESIDUAL CHLORINE, TOTAL	2.0	2.3	2.6

Definition of Terms

Maximum Contaminant Level Goal (MCLG) Level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Contaminant Level (MCL) Highest level of a contaminant allowed in drinking water. MCLs are set as close to MCLGs as feasible using the best available treatment technology.

Maximum Residual Disinfectant Level Goal (MRDLG) Level of disinfectant in drinking water below which there is no known or expected health risk.

Maximum Residual Disinfectant Level (MRDL) Highest level of disinfectant allowed in drinking water.

Highest Level Found Highest level found of sample result data collected during the calendar year. It may represent a single sample if only one sample was collected.

Range of Detections Range of individual sample results, from lowest to highest, collected during the calendar year.

Date of Sample If a date is provided, the IEPA requires monitoring for this contaminant less than once per year because concentrations change infrequently. If no date appears, monitoring for this contaminant was conducted during the calendar year of this report.

Action Level (AL) Concentration of a contaminant that, if exceeded, triggers treatment or other requirements that a water system must follow.

Treatment Technique (TT) Required process intended to reduce the level of a contaminant in drinking water.

Data Table Footnotes

[1]***Informational Statement*** The Range of Detections column includes data from all samples taken to satisfy various monitoring requirements. Values in the Highest Level Found column represent only data collected for the IEPA compliance monitoring program.

[2]***Turbidity*** Measure of the cloudiness of the water caused by suspended particles. A good indicator of water quality and the effectiveness of our filtration system and disinfectants.

[3]***Fluoride*** Added to the water supply to promote strong teeth. The Illinois Department of Public Health recommends an optimal fluoride range of 0.6 mg/L to 0.8 mg/L.

[4]***Lead*** See Page 2 description.

[5]***Nitrate*** Nitrate in drinking water at levels above 10 ppm is a health risk for infants of less than six months of age. High nitrate levels in drinking water can cause blue baby syndrome. Nitrate levels may rise quickly for short periods of time because of rainfall or agricultural activity. If you are caring for an infant, you should ask for advice from your health care provider.

[6]***State Regulated Contaminants*** In an effort to ensure the safest water possible, the Illinois EPA requires water suppliers to monitor some contaminants not regulated by the USEPA.

[7]***Sodium*** There is no state or federal MCL for sodium. Monitoring is required to provide information to consumers and health officials who are concerned about sodium intake due to dietary precautions. If you are on a sodium-restricted diet, consult a physician about this level.

[8]***Unregulated Contaminants*** A maximum contaminant level (MCL) for these contaminants has not been established by either State or Federal regulatoins, nor has mandatory health effects language been set. The purpose of unregulated contaminant monitoring is to assist USEPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulations are warranted.

[9]***Total Organic Carbon (TOC)*** The percentage of TOC removal was measured each month and CWLP met all TOC removal requirements.

[10]***pH*** Measure of hydrogen ion concentration expressed as acidity or alkalinity. The pH scale is in units of 0-14, where 7 is neutral, less than 7 is acidic, and greater than 7 is alkaline.

[11]***$CaCO_3$*** Calcium carbonate.

prepared by the
City Water, Light & Power
Water Purification Plant & Consumer Services Office

TITLE XVI PAYMENT SUMMARY

Reviewer: Nicole Howland Queue Date: 3/25/22 Initial Review Date: 4/12/22
Subject to Program: 734
LPC # & County: 1671205520 / Sangamon PM: Wang
Site Name: Springfield / Qik-N-EZ
LUST Incident--Claim #: 20201063-72859 Billing Period: 12/9/20 to 12/31/20

Early Action: xx Site Class.: Low Priority: High Priority:
Free Product: Site Invest.: Corrective Action:

Amount requested for Early Action:	57,987.33
SUB TOTAL:	$57,987.33
Less: STANDARD DEDUCTIBLE:	met
Less: DEDUCTIONS:	
Laboratory Analysis previously paid	(3,819.07)
Personnel lack doc/NR	(3,252.41)
Personnel exceeds min. requirements	(67.06)
Mileage lack doc/NR	(15.00)

SUMMARY DATE:
NFR DATE:
OPT-IN DATE:
Total Amount Due: $50,833.79

Payee: Chronister Oil Company
Attention: Amy Ridley
Address: 2026 North Republic Street
City/St./Zip: Springfield, IL 62702

Facility: Qik-N-EZ
Address: 2800 North Peoria Road
City/State: Springfield, IL
County: Sangamon

TITLE XVI

TO: Greg Dunn
FROM: Nicole Howland

Initial Review Date: 4/12/22
Project Manager: Wang
Subject to Program: 734

LPC # & County: 1671205520 / Sangamon
Site City & Name: Springfield / Qik-N-EZ
Site Address: 2800 North Peoria Road
LUST Incident-Claim #: 20201063-72859
Queue Date: 3/25/2022
LUST / FISCAL FILE

The above referenced facility's consultants/contractors submission regarding invoices and billings has been reviewed.

The consultant/contractor in this billing package is: Green Wave Consulting, LLC

Queue Date: 3/25/22

120 Day Date: 7/23/22
Revised 120 Day Date:

IEMA: 12/9/20
OSFM:
F.P. Discovered:
E.A. Ext Date:
NFR Date:
Opt-In Date:
Opt-In as New Owner:

59 Days After IEMA: 2/6/21
Date of 45 Day Report:
45 Days After Free Product was Discovered:
Date of Site Class. Comp. Report:
Date of Site Invest. Comp. Report:
Or Stage of Site Invest. work being billed:

# of Eligible Tanks: 3
Tank Size: 10,000 Diesel; 10,000 Gasoline; 8000 E-85
Tank Pull:
Planned:
Not Planned:

The **Billing Period** for this claim covers: 12/9/20 to 12/31/20

The **Amount Requested** in this billing package is: $57,987.33

The **Budget Amount Approved** for this site is:

The **Deductible Applied** to this billing package is: met

Early Action: xx
Site Class.:
Low Priority:
High Priority:
Free Product:
Site Invest.:
Corrective Action:

MANDATORY DOCUMENTS:

x 1. Payment Certification Form.
x 2. Owner/Operator & Professional Engineer/Geologist Billing Certification Form.
x 3. Private Insurance Coverage Questionnaire & Affidavit Forms.
x 4. Federal Taxpayer Identification Number &/or W-9 Form(s):
x 5. Copy of OSFM Eligibility / Deductibility Letter.
x 6. Women / Minority Business Enterprise Form.

(Comments on Page 2)

Illinois Environmental Protection Agency
LUST Claims Unit

LCTS Queue Date Tracking Worksheet

Friday, April 1, 2022

LPC Number 1671205520

Incident Number 20201063 -- 72859

Queue Date 3/25/2022

120-Day Date 7/23/2022

Site Name LINCOLNLAND OIL

Owner Name LINCOLNLAND OIL

Operator Name LINCOLNLAND OIL

Class Code EA Program 734

Amount Requested $57,987.33

Billing Period From 12/9/2020 To 12/31/2020

Consultant Name GWC -- GREEN WAVE CONSULTING, LLC

Opt-In Date

NFR Date

NFR Recorded Date

Division File

Comments

First claim for this Incident Number? Yes (No)

Yearly breakdowns required? Yes (No)

Wang
12/9/20

45 Day Due 2/6/21
Rec 1/26/21

GREEN WAVE CONSULTING, LLC

March 22, 2022

LUST Claims Unit, Bureau of Land
Illinois Environmental Protection Agency
1021 North Grand Avenue East
Springfield, Illinois 62794

Re: LPC #1671205520 – Sangamon County
Springfield / Qik-N-EZ
2800 North Peoria Road
LUST Incident #20201063
EARLY ACTION REIMBURSEMENT CLAIM

To Whom It May Concern:

Enclosed please find an Early Action Reimbursement Claim for the above referenced site.

If you have any questions, please contact me at (217) 726-7569 ext. 310 or debie@greenwavecon.com.

Thank you!

Sincerely,

Debi Eggleston
Senior Account Technician

Enclosure

cc: Amy Ridley, *Chronister Oil Company, Inc.*
File

Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

General Information for the Budget and Billing Forms

LPC #: 1671205520 **County:** Sangamon

City: Springfield **Site Name:** Qik-N-EZ

Site Address: 2800 North Peoria Road

Date this form was prepared: Feb 4, 2021

List all IEMA Incident numbers associated with this package:

20201063

List all other incidents associated with this site that are not associated with this package:

902733. 942157. 961540. 991895

This form is being submitted as a (check one, if applicable):

- ☑ Billing Package
- ○ Budget Amendment (Budget amendments must include only the costs over the previous budget.)
- ○ Budget Proposal

Please provide the name(s) and date(s) of report(s) documenting the costs requested:

Name(s): 45-Day Report

Date(s): Jan 26, 2021

This package is being submitted for the site activities indicated below:

35 Ill. Adm. Code 734:

- ☑ Early Action
- ☐ Free Product Removal after Early Action
- ☐ Site Investigation . . . . . Stage 1: ☐ Stage 2: ☐ Stage 3: ☐
- ☐ Corrective Action

35 Ill. Adm. Code 732:

- ☐ Early Action
- ☐ Free Product Removal after Early Action
- ☐ Site Classification
- ☐ Low Priority Corrective Action
- ☐ High Priority Corrective Action

35 Ill. Adm. Code 731:

- ☐ Site Investigation
- ☐ Corrective Action

General Information for the Budget and Billing Forms

The following address will be used as the mailing address for checks and any final determination letters regarding payment from the Fund for this package.

Pay to the order of: Chronister Oil Company

Send in care of: Amy Ridley

Address: 2026 North Republic Street

City: Springfield State: IL Zip: 62702

The payee is the: Owner ☑ Operator ☑ (Check one or both.)

Signature of the owner or operator of the UST(s) (required)

3/21/22
Date

Amy Ridley
Printed name of the owner or operator of the UST(s) (required)

W-9 must be submitted.
Click here to print off a W-9 Form.

Email: amy.ridley@lincolnlandoil.com

Number of petroleum USTs in Illinois presently owned or operated by the owner or operator; any subsidiary, parent or joint stock company of the owner or operator; and any company owned by any parent, subsidiary or joint stock company of the owner or operator:

Fewer than 101: ⊘ 101 or more: ○

Please list all tanks that have ever been located at the site and tanks that are presently located at the site.

Product Stored in UST	Size (gallons)	Did UST have a release?	Incident No.	Type of Release Tank Leak / Overfill / Piping Leak
Diesel Fuel	10,000	Yes ⊘ No ○	961540, 20201063	Overfill
Gasoline - Regular	10,000	Yes ⊘ No ○	991895, 20201063	Piping Leak
E-85	8,000	Yes ⊘ No ○	942157, 20201063	Overfill
Diesel Fuel	6,000	Yes ⊘ No ○	902733	Tank Leak
Gasoline - Regular	10,000	Yes ○ No ⊘		
Diesel Fuel	10,000	Yes ○ No ⊘		
E-15	10,000	Yes ○ No ⊘		
		Yes ○ No ⊘		
		Yes ○ No ⊘		
		Yes ○ No ⊘		

Billing Summary

	$ Amount Approved in the Budget	$ Amount Requested for Payment from the Fund
1. Drilling and Monitoring Wells Costs Form		$0.00
2. Analytical Costs Form		~~$3,819.07~~ Ø (3,819.07)
3. Remediation and Disposal Costs Form		$47,306.82
4. UST Removal and Abandonment Costs Form		$0.00
5. Paving, Demolition, and Well Abandonment Costs Form		$0.00
6. Consulting Personnel Costs Form		~~$6,638.94~~ 3,319.47 (3,319.47)
7. Consultant's Materials Costs Form		~~$222.50~~ 207.50 (15.00)
Total Amount Approved in the Budget*	$0.00	**NOT APPLICABLE**
Subtotal of lines 1-7:	**NOT APPLICABLE**	~~$57,987.33~~ 50,833.79
8. Handling Charges Form	**NOT APPLICABLE**	$0.00
TOTAL AMOUNT REQUESTED FOR PAYMENT	**NOT APPLICABLE**	~~$57,987.33~~ 50,833.79

*Date(s) this Budget(s) was approved: N/A - EA

Analytical Costs Form

Laboratory Analysis	Number of Samples		Cost ($) per Analysis		Total per Parameter
Chemical Analysis					
BETX Soil with MTBE EPA 8260 12	~~22~~	x	$111.78	=	~~$2,459.16~~ (2,459.16
BETX Water with MTBE EPA 8260		x	$50.00	=	$0.00
COD (Chemical Oxygen Demand)		x	$40.24	=	$0.00
Corrosivity		x	$20.12	=	$0.00
Flash Point or Ignitability Analysis EPA 1010		x	$44.26	=	$0.00
Fraction Organic Carbon Content (f_{oc}) ASTM-D 2974-00		x	$50.96	=	$0.00
Fat, Oil, & Grease (FOG)		x	$80.48	=	$0.00
LUST Pollutants Soil - analysis must include volatile, base/ neutral, polynuclear aromatics and metals list in Section 732. Appendix B and 734.Appendix B		x	$929.60	=	$0.00
Dissolved Oxygen (DO)		x	$32.19	=	$0.00
Paint Filter (Free Liquids)		x	$18.78	=	$0.00
PCB / Pesticides (combination)		x	$297.79	=	$0.00
PCBs		x	$148.89	=	$0.00
Pesticides		x	$187.80	=	$0.00
pH		x	$18.78	=	$0.00
Phenol		x	$45.61	=	$0.00
Polynuclear Aromatics PNA, or PAH SOIL EPA 8270 12	~~22~~	x	$199.90	=	~~$4,397.80~~ (4,397.8
Polynuclear Aromatics PNA, or PAH WATER EPA 8270		x	$203.90	=	$0.00
Reactivity		x	$91.22	=	$0.00
SVOC - Soil (Semi-Volatile Organic Compounds)		x	$419.86	=	$0.00
SVOC - Water (Semi-Volatile Organic Compounds)		x	$419.86	=	$0.00
TKN (Total Kjeldahl) "nitrogen"		x	$59.02	=	$0.00
TPH (Total Petroleum Hydrocarbons)		x	$163.65	=	$0.00
VOC (Volatile Organic Compounds) - Soil (Non-Aqueous)		x	$234.75	=	$0.00
VOC (Volatile Organic Compounds) - Water		x	$226.71	=	$0.00
Soil Gas Sample-BTEX, MTBE, Naphthalene, 2-Propanol		x	$187.50	=	$0.00
		x		=	$0.00
		x		=	$0.00
		x		=	$0.00
		x		=	$0.00
Geo-Technical Analysis					
Soil Bulk Density (p_b) ASTM D2937-94		x	$29.51	=	$0.00
Ex-situ Hydraulic Conductivity / Permeability		x	$342.06	=	$0.00
Moisture Content (w) ASTM D2216-92 / D4643-93		x	$16.10	=	$0.00
Porosity		x	$40.24	=	$0.00
Rock Hydraulic Conductivity Ex-situ		x	$469.50	=	$0.00
Sieve / Particle Size Analysis ASTM D422-63 / D1140-54		x	$194.51	=	$0.00
Soil Classification ASTM D2488-90 / D2487-90		x	$91.22	=	$0.00
Soil Particle Density (ps) ASTM D854-92		x	$90.00	=	$0.00
		x		=	$0.00
		x		=	$0.00
		x		=	$0.00

Analytical Costs Form

Metals Analysis					
Soil preparation fee for Metals TCLP Soil (one fee per soil sample)		x	$105.97	=	$0.00
Soil preparation fee for Metals Total Soil (one fee per soil sample)		x	$21.45	=	$0.00
Water preparation fee for Metals Water (one fee per water sample)		x	$14.74	=	$0.00
Arsenic TCLP Soil		x	$21.45	=	$0.00
Arsenic Total Soil		x	$21.45	=	$0.00
Arsenic Water		x	$24.15	=	$0.00
Barium TCLP Soil		x	$13.41	=	$0.00
Barium Total Soil		x	$13.41	=	$0.00
Barium Water		x	$16.10	=	$0.00
Cadmium TCLP Soil		x	$21.45	=	$0.00
Cadmium Total Soil		x	$21.45	=	$0.00
Cadmium Water		x	$24.15	=	$0.00
Chromium TCLP Soil		x	$13.41	=	$0.00
Chromium Total Soil		x	$13.41	=	$0.00
Chromium Water		x	$16.10	=	$0.00
Cyanide TCLP Soil		x	$37.56	=	$0.00
Cyanide Total Soil		x	$45.61	=	$0.00
Cyanide Water		x	$45.61	=	$0.00
Iron TCLP Soil		x	$13.41	=	$0.00
Iron Total Soil		x	$13.41	=	$0.00
Iron Water		x	$16.10	=	$0.00
Lead TCLP Soil		x	$21.45	=	$0.00
Lead Total Soil		x	$21.45	=	$0.00
Lead Water		x	$24.15	=	$0.00
Mercury TCLP Soil		x	$25.49	=	$0.00
Mercury Total Soil		x	$13.41	=	$0.00
Mercury Water		x	$34.88	=	$0.00
Selenium TCLP Soil		x	$21.45	=	$0.00
Selenium Total Soil		x	$21.45	=	$0.00
Selenium Water		x	$20.12	=	$0.00
Silver TCLP Soil		x	$13.41	=	$0.00
Silver Total Soil		x	$13.41	=	$0.00
Silver Water		x	$16.10	=	$0.00
Metals TCLP Soil (a combination of all metals) RCRA		x	$138.17	=	$0.00
Metals Total Soil (a combination of all metals) RCRA		x	$126.09	=	$0.00
Metals Water (a combination of all metals) RCRA		x	$159.62	=	$0.00
		x		=	$0.00
		x		=	$0.00
		x		=	$0.00
		x		=	$0.00
Other					
EnCore® Sampler, purge-and-trap sampler, or equivalent sampling device[1]	~~2~~	x	~~3~~ 15 $13.41	=	~~$26.82~~ (26.82)
Sample Shipping per sampling event[1]	~~1~~	x	~~$32.88~~	=	~~$32.88~~ (32.88)

[1]A sampling event, at a minimum, is all samples (soil and groundwater) collected in a calendar day

Total Analytical Costs:	**~~$6,916.66~~**

Pd. Previously in CWM claim # 20201063-72385

SUBURBAN LABORATORIES, Inc.

INVOICE

FEIN # 36-2695636

1950 S. Batavia Ave., Suite 150 Geneva, Illinois 60134
Tel. (708) 544-3260 • Toll Free (800) 783-LABS
Fax (708) 544-8587
www.suburbanlabs.com

Remit To: Suburban Laboratories, Inc.
1950 S. Batavia Ave., Suite 150
Geneva, IL 60134
Phone: 708-544-3260 Fax: 708-544-8587

Invoice#: 183521
Invoice Date: 12/21/2020

Terms: NET90
Invoice Due: 3/21/2021

Carol Rowe
ACCOUNTS PAYABLE
CWM Company, Inc
701 West South Grand
Springfield, IL 62704

Priority: Routine
PO:
Report To: Carol Rowe
Fax: (217) 522-8009
Project: Q E Peoria Road

Work Order: 2012B92 Date Received: 12/14/2020

Item Description	Matrix	Remarks	Qty	Unit Price	% Disc.	Net Price	Total
BTEX + MTBE Solid	Soil	July 2019 - June 2020	12 ~~20~~	$111.78		1341.36	~~$2,235.60~~
PNAs by 8270 SIM	Soil	July 2019 - June 2020	12 ~~20~~	$199.90		2398.80	~~$3,998.00~~

Miscellaneous Charge Summary

Item	Unit	Qty	Total
Shipping & Handling	$65.76	1	$65.76
5035 Sampling Kit	$13.15	1	$13.15

Sub Total:	$6,233.60
Misc. Charges:	$78.91
Surcharge:	0.00%
INVOICE Total:	**$6,312.51**
Pre-Paid Amount:	$0.00
Total Payable Amount:	~~$6,312.51~~ $3819.07

Comments: Terms per signed agreement

RECEIVED
DEC 21 2020
BY: CR

Entire Invoice Already Paid!
CWM Claim 20201063-72385

Illinois Department of Public Health Accredited #17585

Illinois Environmental Protection Agency Accredited #100225

Page 1 of 1

Remediation & Disposal Costs Form

A. Conventional Technology

Excavation, Transportation, and Disposal of contaminated soil and/or the 4-foot backfill material removal during early action activities:

Max: 710

Number of Cubic Yards	Cost per Cubic Yard ($)	Total Cost
458	$76.46	$35,018.68

Backfilling the Excavation:

Max: 874

Number of Cubic Yards	Cost per Cubic Yard ($)	Total Cost
458	$26.83	$12,288.14

Overburden Removal and Return:

Number of Cubic Yards	Cost per Cubic Yard ($)	Total Cost
	$8.73	$0.00

B. Alternative Technology

Alternative Technology Selected:	
Number of Cubic Yards of Soil to Be Remediated	
Total Non-Consulting Personnel Costs Summary Sheet ($)	
Total Remediation Materials Costs Summary Sheet ($)	
Total Cost of the System	$0.00

Remediation & Disposal Costs Form

C. Groundwater Remediation and/or Free Product Removal System

Total Non-Consulting Personnel Costs Summary Sheet ($)	
Total Remediation Materials Costs Summary Sheet ($)	
Total Cost of the System	$0.00

D. Groundwater and/or Free Product Removal and Disposal

☐ Subpart H minimum payment amount applies.

Number of Gallons	Cost per Gallon ($)	Total Cost
	$0.91	$0.00

E. Drum Disposal

☐ Subpart H minimum payment amount applies.

Number of Drums of Solid Waste	Cost per Drum ($)	Total Cost
	$335.35	$0.00
	$335.35	$0.00
	$335.35	$0.00
Number of Drums of Liquid Waste	Cost per Drum ($)	Total Cost
	$201.22	$0.00
	$201.22	$0.00
	$201.22	$0.00
Total Drum Disposal Costs		$0.00

Total Remediation and Disposal Costs:	**$47,306.82**

Consulting Personnel Costs Form

Employee Name	Personnel Title	Hours	Rate ($)	Total Cost
Remediation Category	**Task**			
G. Rowe / Saladino	Engineer III	~~34.5~~ 24.5	$134.12	~~$4,627.14~~ 3,285.94 (1,341
EA-BF-Field	Early Action Oversight, Sampling 10 hr. NR/Lack Doc			
C. Rowe	Senior Project Manager	~~0.75~~ .25	$134.12	~~$100.59~~ 33.53 (67.0
EA-BF-Field	Early Action Documentation, Field Reports .5 exceeds			
Saladino	Engineer III	~~14.25~~	$134.12	~~$1,911.21~~ (1,911.
45-Day	45-Day Report Development Lack Doc/NR			
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
Total of Consulting Personnel Costs:				**$6,638.94**

3319.47 (3,319.47)

Consultant's Materials Costs Form

Materials, Equipment or Field Purchase	Time or Amount Used	Rate ($)	Unit	Total Cost
Remediation Category	**Description/Justification**			
Photoionization Detector "MiniRAE 2000"	~~1~~ 2	$75.00	Day	$150.00
EA-BF-Field	PID to Detect VOC Levels During Early Action Sampling Activities			
Field Vehicle Mileage	~~100~~ ~~125~~	~~$0.58~~ .575	Mile	~~$72.50~~ 57.50 (15.00)
EA-BF-Field	Early Action Oversight and Sampling Travel to Site (25 Miles RT ~~x7~~)			
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00

Total of Consultant Materials Costs:	**$222.50**

207.50 (15.00)

Women and Minority Business Enterprises Form

The Illinois EPA is required to report State and federal funds paid to Women Business Enterprises (WBE) and Minority Business Enterprises (MBE). Therefore, please provide the required information for all Prime Consultants/Contractors and Subcontractors used to perform the work for this billing:

Name of Leaking UST site: Qik N EZ Incident No. 20201063

This work for this billing was performed from 12/9/2020 to 12/30/2020

Prime Consultant: CWM Company, Inc.

FIRM'S NAME, ADDRESS, AND TELEPHONE NUMBER	IS THIS FIRM A WBE OR MBE?	IF WBE OR MBE, WHAT IS ITS STATE OF ILLINOIS VENDOR NUMBER?	AMOUNT PAID OR DUE THIS BILLING ($)
CWM Company, Inc. 701 W. South Grand Avenue Springfield, IL 62704	No		$6,861.44
Suburban Laboratories, Inc. 1950 South Batavia Ave, Suite 150 Geneva, Illinois 60134	No		$3,819.07
Perry Environmental, Inc. 960 Clocktower Drive, Suite I Springfield, IL 62704	No		$47,306.82

Billing Total $57,987.33

This Illinois EPA is authorized to request this information under the Environmental Protection Act, 415 ILCS 5/1 et seq. (formerly Ill. Rev. Stat. Ch 111-1/2, 1001 et seq.). Disclosure of this information is required. Failure to properly complete this form in its entirety may result in the delay or denial of any payment requested hereunder. This form has been approved by the Forms Management Center.

CW M Company

Environmental Consulting Services

400 W. Jackson Street, Suite C
Marion, IL 62959
618/997-2238

701 W. South Grand
Springfield, IL 62704
217/522-8001

Project Work Summary for: **Qik-n-Ez 1996-1540 Peoria Road Springfield** *For the Month of:* **December 2020**

Date of Work Start	End	Employee	Position	Type of Work	Hourly Rate	Hours Worked	Labor Subtotal	Expenses
Sunday, December 6, 2020								
10:00	13:00	Rowe, G.T.	Engineer III 7/2020	01 Mobilization	$134.12	3.00	$402.36	$0.00
Monday, December 7, 2020								
9:30	10:00	Rowe, C.L.	Senior Project Manager 7/1/20	24 Documentation	$134.12	0.50	$67.06	$0.00
0:00	0:00	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	0.00	$0.00	$75.00
6:30	15:00	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	8.50	$1,140.02	$14.50
Tuesday, December 8, 2020								
0:00	0:00	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	0.00	$0.00	$75.00
6:30	15:00	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	8.50	$1,140.02	$14.50
Wednesday, December 9, 2020								
0:00	0:00	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	0.00	$0.00	$0.00
6:30	17:00	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	10.50	$1,408.26	$14.50
Thursday, December 10, 2020								
0:00	0:00	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	0.00	$0.00	$75.00
6:00	16:00	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	10.00	$1,341.20	$14.50
Friday, December 11, 2020								
0:00	0:00	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	0.00	$0.00	$75.00
6:00	15:30	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	9.50	$1,274.14	$14.50
Monday, December 14, 2020								
16:30	16:45	Rowe, C.L.	Senior Project Manager 7/1/20	24 Documentation	$134.12	0.25	$33.53	$0.00

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CW M Company

Environmental Consulting Services

400 W. Jackson Street, Suite C
Marion, IL 62959
618/997-2238

701 W. South Grand
Springfield, IL 62704
217/522-8001

Project Work Summary for: **Qik-n-Ez 1996-1540 Peoria Road Springfield** *For the Month of:* **December 2020**

Date of Work Start	End	Employee	Position	Type of Work	Hourly Rate	Hours Worked	Labor Subtotal	Expenses
7:00	12:00	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	5.00	$670.60	$14.50
Tuesday, December 15, 2020								
9:45	10:15	Rowe, C.L.	Senior Project Manager 7/1/20	108: S.A. Field Report	$134.12	0.50	$67.06	$0.00
Wednesday, December 16, 2020								
10:00	13:00	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	3.00	$402.36	$14.50
Thursday, December 17, 2020								
8:00	13:00	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	5.00	$670.60	$14.50
13:30	15:30	Saladino, M.J.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	2.00	$268.24	$0.00
Friday, December 18, 2020								
6:45	12:30	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	5.75	$771.19	$14.50
13:30	15:00	Saladino, M.J.	Engineer III 7/2020	22 Plan and Budget	$134.12	1.50	$201.18	$0.00
Monday, December 21, 2020								
13:30	17:00	Saladino, M.J.	Engineer III 7/2020	22 Plan and Budget	$134.12	3.50	$469.42	$0.00
Tuesday, December 22, 2020								
7:30	11:00	Saladino, M.J.	Engineer III 7/2020	22 Plan and Budget	$134.12	3.50	$469.42	$0.00
Wednesday, December 23, 2020								
9:30	13:00	Saladino, M.J.	Engineer III 7/2020	22 Plan and Budget	$134.12	3.50	$469.42	$0.00
Wednesday, December 30, 2020								
7:30	9:45	Saladino, M.J.	Engineer III 7/2020	22 Plan and Budget	$134.12	2.25	$301.77	$0.00

CW M Company

Environmental Consulting Services

400 W. Jackson Street, Suite C
Marion, IL 62959
618/997-2238

701 W. South Grand
Springfield, IL 62704
217/522-8001

Project Work Summary for: **Qik-n-Ez 1996-1540 Peoria Road Springfield**

For the Month of: **December 2020**

Date of Work Start	End	Employee	Position	Type of Work	Hourly Rate	Hours Worked	Labor Subtotal	Expenses
				Line Item Totals:		86.25	$11,567.85	$430.50

Total project charges for month: $11,998.35

CW M Company

Environmental Consulting Services

400 W. Jackson Street, Suite C
Marion, IL 62959
618/997-2238

701 W. South Grand
Springfield, IL 62704
217/522-8001

Project Expenses for: **Qik-n-Ez 1996-1540 Peoria Road Springfield** **December 2020**

Date	Description of Expense	Comment	Phase Code	Quantity	Rate	Expenditure	Field Purchase
December 7, 2020	PID		8 Non-LUST 6 C	1.00	$75.000	$75.00	☐
December 7, 2020	Mileage $0.58	RT/Local	8 Non-LUST 6 C	25.00	$0.580	$14.50	☐
December 8, 2020	PID		8 Non-LUST 6 C	1.00	$75.000	$75.00	☐
December 8, 2020	Mileage $0.58	RT/Local	8 Non-LUST 6 C	25.00	$0.580	$14.50	☐
December 9, 2020	PID		8 Non-LUST 6 C	0.00	$75.000	$0.00	☐
December 9, 2020	Mileage $0.58	Local/RT	8 Non-LUST 6 C	25.00	$0.580	$14.50	☐
December 10, 2020	PID		8 Non-LUST 6 C	1.00	$75.000	$75.00	☐
December 10, 2020	Mileage $0.58	Local/RT	8 Non-LUST 6 C	25.00	$0.580	$14.50	☐
December 11, 2020	Mileage $0.58	Local/RT	8 Non-LUST 6 C	25.00	$0.580	$14.50	☐
December 11, 2020	PID		8 Non-LUST 6 C	1.00	$75.000	$75.00	☐
December 14, 2020	Mileage $0.58	RT/Local	8 Non-LUST 6 C	25.00	$0.580	$14.50	☐
December 16, 2020	Mileage $0.58	RT/Local	8 Non-LUST 6 C	25.00	$0.580	$14.50	☐
December 17, 2020	Mileage $0.58	RT/Local	8 Non-LUST 6 C	25.00	$0.580	$14.50	☐
December 18, 2020	Mileage $0.58	RT/Local	8 Non-LUST 6 C	25.00	$0.580	$14.50	☐
					Phase Total:	$430.50	

Perry Environmental, Inc.

960 Clocktower Dr, Suite I
Springfield, IL 62704

Phone # (217) 546-0702

Invoice

Date	Invoice #
12/18/2020	2469

Bill To Client
Chronister Oil Company 2026 N. Republic Springfield, IL 62702

Project Name	Project Number
Qik-n-EZ	20-1014

Quantity	Description	Rate	Amount
	Complete tank contracting services for Qik-n-EZ located at 2800 Peoria Road in Springfield, IL.		
1	Abandon 10,000 gallon UST next to building and filled per OSFM regulations	7,800.00	7,800.00
1	Remove, clean and dispose of 10,000 gallon and 8,000 gallon USTs and piping over tanks per OSFM regulations	8,500.00	8,500.00
1	Remove concrete from over tank, transport and dispose of offsite	800.00	800.00
1,188.12	Excavate contaminated soils, transport and haul to landfill for disposal per IEPA regulations (cubic yards) or 1,782.18 tons	76.46	90,843.66
1	Backfill new UST excavation area with fine and coarse aggregates up to 800 tons	26,000.00	26,000.00
620.97	Additional backfill materials to purchase, transport, and place due to the over excavation for removing the contaminated soils (per ton)	25.00	15,524.25

Thank you for using PEI for all your environmental services.

Total $149,467.91

Landfill Invoices for disposing of Contaminated Soils

SANGAMON VALLEY LANDFILL
2980 GRANGER DRIVE
SPRINGFIELD, IL 62707

REPUBLIC SERVICES

INVOICE

Invoice Date	12/15/2020
Invoice No	4122-000009339
Customer No	4-4122-0333411
Page No	1 of 4
Due Date	01/04/2021

00009763 UPOR

PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704

Current Charges	Total Amount Due
$40,759.20	$40,759.20

Please Pay Total Amount Due

Billing Questions? Call 217-554-7028

TO MAKE CREDIT CARD PAYMENTS PLEASE CALL THE LOCAL OFFICE AT 217-528-9256

Date	Code	Description	Reference	Rate	Quantity	Amount
04/15		Balance Forward				253.75
05/04		Payment 003025				-253.75
12/08	VI	SW-CONT SOIL-ALT DAILY COVER	01 1101960	27.00	11.74 TN	316.98
12/08	VI	SW-CONT SOIL-ALT DAILY COVER	01 1101968	27.00	17.57 TN	474.39
12/08	VI	SW-CONT SOIL-ALT DAILY COVER	01 1101972	27.00	14.58 TN	393.66
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102047	27.00	23.73 TN	640.71
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102048	27.00	26.94 TN	727.38
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102049	27.00	14.85 TN	400.95
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102050	27.00	17.99 TN	485.73
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102053	27.00	28.77 TN	776.79
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102054	27.00	22.74 TN	613.98
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102059	27.00	20.34 TN	549.18
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102060	27.00	12.08 TN	326.16
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102063	27.00	17.00 TN	459.00
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102067	27.00	24.89 TN	672.03

Prior to SEMM

ACCOUNT STATUS

Current	31-60 Days	61-90 Days	Over 90 Days	Total Amount Due
$40,759.20	0.00	0.00	0.00	$40,759.20

↓ ↓ Please return this portion below with your payment. Do not attach check to stub. ↓ ↓

REPUBLIC SERVICES

SANGAMON VALLEY LANDFILL
2980 GRANGER DRIVE
SPRINGFIELD, IL 62707

Invoice Date	12/15/2020
Invoice No.	4122-000009339
Customer No.	4-4122-0333411

☐ Please check if address has changed, and indicate change(s) on reverse side or call phone number above.

Current Charges:	$40,759.20
Total Amount Due:	$40,759.20
Amount Paid:	

Please write your account number on your check and make payable to:

Please Return Payment To:
SANGAMON VALLEY LANDFILL
P.O. BOX 677839
DALLAS, TX 75267-7839

PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704

4412203334110000000009339004075920004075920 7

CKPBLIC2 8422 5837 127 07 20201216 PG 1 OF 2 0-I
5289445 00008763 38182587.2

Date	Code	Description	Reference	Rate	Quantity	Amount
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102070	27.00	25.70 TN	693.90
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102073	27.00	21.54 TN	581.58
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102074	27.00	15.61 TN	421.47
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102079	27.00	17.80 TN	480.60
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102082	27.00	22.33 TN	602.91
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102084	27.00	25.22 TN	680.94
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102085	27.00	22.05 TN	595.35
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102087	27.00	13.55 TN	365.85
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102091	27.00	10.03 TN	270.81
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102093	27.00	19.46 TN	525.42
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102095	27.00	22.46 TN	606.42
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102098	27.00	19.63 TN	530.01
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102101	27.00	12.23 TN	330.21
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102107	27.00	12.38 TN	334.26
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102110	27.00	15.01 TN	405.27
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102112	27.00	20.54 TN	554.58
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102113	27.00	17.98 TN	485.46
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102118	27.00	13.51 TN	364.77
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102121	27.00	23.21 TN	626.67
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102124	27.00	10.78 TN	291.06
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102125	27.00	10.78 TN	291.06
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102127	27.00	20.33 TN	548.91
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102128	27.00	17.10 TN	461.70
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102131	27.00	18.77 TN	506.79
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102132	27.00	23.55 TN	635.85
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102134	27.00	20.47 TN	552.69
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102136	27.00	11.47 TN	309.69
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102137	27.00	14.99 TN	404.73
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102141	27.00	14.69 TN	396.63
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102143	27.00	18.52 TN	500.04
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102146	27.00	20.36 TN	549.72
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102148	27.00	19.70 TN	531.90

RM-3160

IF ANY OF THE FOLLOWING HAS CHANGED SINCE YOUR LAST STATEMENT, PLEASE INDICATE....

Your Name ______________________________

Street ______________________ Home Phone ______________________

City ______________________ State __________ Zip __________

Other Information ______________________________

SANGAMON VALLEY LANDFILL
2980 GRANGER DRIVE
SPRINGFIELD, IL 62707

REPUBLIC SERVICES

PERRY ENVIRONMENTAL INC

INVOICE (cont.)

Invoice Date	12/15/2020
Invoice No	4122-000009339
Customer No	4-4122-0333411
Page No	3 of 4
Due Date	01/04/2021

Date	Code	Description	Reference	Rate	Quantity	Amount
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102149	27.00	13.34 TN	360.18
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102154	27.00	12.84 TN	346.68
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102155	27.00	16.07 TN	433.89
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102162	27.00	20.96 TN	565.92
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102164	27.00	12.11 TN	326.97
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102170	27.00	12.57 TN	339.39
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102172	27.00	21.44 TN	578.88
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102173	27.00	19.40 TN	523.80
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102176	27.00	13.79 TN	372.33
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102182	27.00	18.26 TN	493.02
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102183	27.00	12.08 TN	326.16
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102184	27.00	13.17 TN	355.59
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102185	27.00	19.93 TN	538.11
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102186	27.00	14.82 TN	400.14
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102189	27.00	15.35 TN	414.45
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102196	27.00	12.76 TN	344.52
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102198	27.00	19.07 TN	514.89
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102201	27.00	17.99 TN	485.73
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102203	27.00	12.45 TN	336.15
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102204	27.00	19.35 TN	522.45
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102212	27.00	13.89 TN	375.03
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102214	27.00	18.02 TN	486.54
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102217	27.00	16.38 TN	442.26
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102219	27.00	12.83 TN	346.41
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102220	27.00	14.97 TN	404.19
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102226	27.00	16.61 TN	448.47
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102227	27.00	15.25 TN	411.75
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102230	27.00	10.63 TN	287.01
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102231	27.00	11.90 TN	321.30
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102232	27.00	25.39 TN	685.53
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102258	27.00	15.36 TN	414.72
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102259	27.00	7.34 TN	198.18
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102262	27.00	9.87 TN	266.49
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102264	27.00	8.75 TN	236.25
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102267	27.00	14.02 TN	378.54
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102271	27.00	6.94 TN	187.38
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102273	27.00	12.69 TN	342.63
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102275	27.00	13.49 TN	364.23
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102276	27.00	10.82 TN	292.14
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102277	27.00	11.09 TN	299.43
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102280	27.00	3.15 TN	85.05
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102282	27.00	11.77 TN	317.79
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102285	27.00	14.10 TN	380.70
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102288	27.00	10.61 TN	286.47
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102290	27.00	12.25 TN	330.75
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102306	27.00	5.35 TN	144.45

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5265445 00800763 38182587.2 0-1

PERRY ENVIRONMENTAL INC 4-4122-0333411

Date	Code	Description	Reference	Rate	Quantity	Amount
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102308	27.00	10.31 TN	278.37
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102312	27.00	11.05 TN	298.35
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102315	27.00	11.76 TN	317.52
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102334	27.00	10.29 TN	277.83
		-------- Material Summary --------				
		SW-CONT SOIL-ALT DAILY COVER			1509.60	
					Total Current Charges ==========>	$40,759.20

SANGAMON VALLEY LANDFILL
2980 GRANGER DRIVE
SPRINGFIELD, IL 62707

REPUBLIC SERVICES

INVOICE

Invoice Date	12/31/2020
Invoice No	4122-000009365
Customer No	4-4122-0333411
Page No	1 of 2
Due Date	01/20/2021

00000503 UPGR

PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704

Current Charges	Total Amount Due
$7,346.16	$48,105.36

Please Pay Total Amount Due

Billing Questions? Call 217-554-7028

TO MAKE CREDIT CARD PAYMENTS PLEASE CALL THE LOCAL OFFICE AT 217-528-9256

Date	Code	Description	Reference	Rate	Quantity	Amount
12/15		Balance Forward				40,759.20
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102762	27.00	11.06 TN	298.62
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102764	27.00	18.54 TN	500.58
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102766	27.00	21.84 TN	589.68
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102767	27.00	12.73 TN	343.71
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102769	27.00	11.41 TN	308.07
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102772	27.00	16.50 TN	445.50
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102774	27.00	12.53 TN	338.31
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102775	27.00	18.14 TN	489.78
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102780	27.00	12.33 TN	332.91
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102783	27.00	12.29 TN	331.83
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102784	27.00	17.19 TN	464.13
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102810	27.00	18.30 TN	494.10
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102812	27.00	13.88 TN	374.76
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102813	27.00	11.13 TN	300.51

ACCOUNT STATUS

Current	31-60 Days	61-90 Days	Over 90 Days	Total Amount Due
$48,105.36	0.00	0.00	0.00	$48,105.36

↓ ↓ Please return this portion below with your payment. Do not attach check to stub. ↓ ↓

REPUBLIC SERVICES

SANGAMON VALLEY LANDFILL
2980 GRANGER DRIVE
SPRINGFIELD, IL 62707

Invoice Date	12/31/2020
Invoice No.	4122-000009365
Customer No.	4-4122-0333411

Current Charges:	$7,346.16
Total Amount Due:	$48,105.36
Amount Paid:	

☐ Please check if address has changed, and indicate change(s) on reverse side or call phone number above.

Please write your account number on your check and make payable to:

SANGAMON VALLEY LANDFILL
P.O. BOX 677839
DALLAS, TX 75267-7839

Please Return Payment To:

PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704

4412203334110000000009365000734616004810536 5

PERRY ENVIRONMENTAL INC 4-4122-0333411 Page 2 of 2

Date	Code	Description	Reference	Rate	Quantity	Amount
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102814	27.00	19.58 TN	528.66
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102815	27.00	11.83 TN	319.41
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102816	27.00	20.68 TN	558.36
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102818	27.00	12.12 TN	327.24
		--------- Material Summary ---------				
		SW-CONT SOIL-ALT DAILY COVER			272.08	
					Total Current Charges ==========>	$7,346.16

CRPBLIC2 8422 8308 127 07 20210104 PG 1 OF 1 0-1
5639581 00000903 35336716.2

RM-3160

IF ANY OF THE FOLLOWING HAS CHANGED SINCE YOUR LAST STATEMENT, PLEASE INDICATE....

Your Name _____

Street _____ Home Phone _____

City _____ State _____ Zip _____

Other Information _____

Backfill Material Invoices

BACKFILL MATERIAL QUANTITIES BREAKDOWN

1. Beelman Logistics
   25 Truck Loads of Clean Rock Chips Backfill Material = **652.87 tons** $17,428.60

2. Buckhart Sand & Gravel
   42 Truck Loads of Fine Agregate Backfill Material = ~~**768.10 tons**~~ 697.10 $7,038.64

3. Donley Trucking
   7 Truck Loads of Coarse Agregate Rock Backfill Material = **119.80 tons** $1,988.20

TOTAL BACKFILL MATERIALS = 1,540.77 tons or 1,027.18 CUBIC YARDS

Beelman Logistics LLC

One Racehorse Dr
East St Louis, IL 62205
ph.(618)646-5300 fax(618)646-5400

INVOICE NUMBER 768184
INVOICE DATE 12/17/2020

Customer : PERSPR

Bill To: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

Shipper: COLUMBIA QUARRY
100 Industrial Dr
Dupo, IL 62240

Consignee: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

MASTER #:C16PERSPR

Order	Del Date	Description	Bill Qty	Rate	Amount
9506686	12/11/2020	Ca16o 042 Chips			
9506686	12/11/2020	Delivery Charge	26.04	14.35 TON	$373.68
9506686	12/11/2020	Material Per Ton	26.04	11.50 TON	$299.46
9506686	12/11/2020	Sales Tax Columbia & Dupo	299.46	7.350 %	$22.01
		Reference Numbers Bill of Lading # 1471414 Furnish & Deliver YES			
				Total for Order 9506686A:	$695.15
9506684	12/11/2020	Ca16o 042 Chips			
9506684	12/11/2020	Delivery Charge	26.14	14.35 TON	$375.11
9506684	12/11/2020	Material Per Ton	26.14	11.50 TON	$300.61
9506684	12/11/2020	Sales Tax Columbia & Dupo	300.61	7.350 %	$22.09
		Reference Numbers Bill of Lading # 1471512 Furnish & Deliver YES			
				Total for Order 9506684A:	$697.81
9506681	12/11/2020	Ca16o 042 Chips			
9506681	12/11/2020	Delivery Charge	26.11	14.35 TON	$374.68
9506681	12/11/2020	Material Per Ton	26.11	11.50 TON	$300.27
9506681	12/11/2020	Sales Tax Columbia & Dupo	300.27	7.350 %	$22.07
		Reference Numbers Bill of Lading # 1471514 Furnish & Deliver YES			
				Total for Order 9506681A:	$697.02

Total # of Loads : 3
Total Weight : 78.29

Total Freight :	$1,123.47
Total FSC :	$0.00
Total Materials:	$900.34
Total Sales Tax:	$66.17
Total Misc:	$0.00
Grand Total :	**$2,089.98**

SEND REMITTANCE TO:
Beelman Logistics LLC
PO BOX 954389
ST. LOUIS, MO 63195-4389

TERMS:
All bills are due and payable 30 days from the invoice date. A service charge of 1.5% per month(18% annual) will be added on unpaid balance after due date. In the event legal action becomes necessary, reasonable attorney's fees and court costs will be added.

MB Format 69

CUSTOMER COPY

Bedman Logistics LLC

One Racehorse Dr
East St Louis, IL 62205
ph.(618)646-5300 fax(618)646-5400

INVOICE NUMBER 769369
INVOICE DATE 12/23/2020

Customer : PERSPR

Bill To: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

Shipper: COLUMBIA QUARRY
100 Industrial Dr
Dupo, IL 62240

Consignee: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

MASTER #:C16PERSPR

Order	Del Date	Description	Bill Qty	Rate	Amount
9507734	12/14/2020	Ca16o 042 Chips			
9507734	12/14/2020	Delivery Charge			
9507734	12/14/2020	Material Per Ton	26.46	14.35 TON	$379.70
9507734	12/14/2020	Sales Tax Columbia & Dupo	26.46	11.50 TON	$304.29
			304.29	7.350 %	$22.37
		Reference Numbers			
		Bill of Lading # 1471676			
		Furnish & Deliver YES			
			Total for Order 9507734A:		$706.36
9508496	12/14/2020	Ca16o 042 Chips			
9508496	12/14/2020	Delivery Charge			
9508496	12/14/2020	Material Per Ton	25.88	14.35 TON	$371.38
9508496	12/14/2020	Sales Tax Columbia & Dupo	25.88	11.50 TON	$297.62
			297.62	7.350 %	$21.88
		Reference Numbers			
		Bill of Lading # 1471783			
		Furnish & Deliver YES			
			Total for Order 9508496A:		$690.88
9507736	12/14/2020	Ca16o 042 Chips			
9507736	12/14/2020	Delivery Charge			
9507736	12/14/2020	Material Per Ton	26.16	14.35 TON	$375.39
9507736	12/14/2020	Sales Tax Columbia & Dupo	26.16	11.50 TON	$300.84
			300.84	7.350 %	$22.11
		Reference Numbers			
		Bill of Lading # 1471811			
		Furnish & Deliver YES			
			Total for Order 9507736A:		$698.34
9508216	12/14/2020	Ca16o 042 Chips			
9508216	12/14/2020	Delivery Charge			
9508216	12/14/2020	Material Per Ton	25.91	14.35 TON	$371.81
9508216	12/14/2020	Sales Tax Columbia & Dupo	25.91	11.50 TON	$297.97
			297.97	7.350 %	$21.90
		Reference Numbers			
		Bill of Lading # 1471819			
		Furnish & Deliver YES			
			Total for Order 9508216A:		$691.68

TERMS:
All bills are due and payable 30 days from the invoice date. A service charge of 1.5% per month(18% annual) will be added on unpaid balance after due date. In the event legal action becomes necessary, reasonable attorney's fees and court costs will be added.

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Beelman Logistics LLC

One Racehorse Dr
East St Louis, IL 62205
ph.(618)646-5300 fax(618)646-5400

INVOICE NUMBER 769369
INVOICE DATE 12/23/2020

Customer : PERSPR

Bill To: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

Shipper: COLUMBIA QUARRY
100 Industrial Dr
Dupo, IL 62240

Consignee: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

MASTER #:C16PERSPR

Order	Del Date	Description	Bill Qty	Rate	Amount
9508819	12/14/2020	Ca16o 042 Chips			
9508819	12/14/2020	Delivery Charge			
9508819	12/14/2020	Material Per Ton	26.08	14.35 TON	$374.25
9508819	12/14/2020	Sales Tax Columbia & Dupo	26.08	11.50 TON	$299.92
			299.92	7.350 %	$22.04
		Reference Numbers			
		Bill of Lading # 1471821			
		Furnish & Deliver YES			
			Total for Order 9508819A:		$696.21
9507733	12/14/2020	Ca16o 042 Chips			
9507733	12/14/2020	Delivery Charge			
9507733	12/14/2020	Material Per Ton	26.57	14.35 TON	$381.28
9507733	12/14/2020	Sales Tax Columbia & Dupo	26.57	11.50 TON	$305.56
			305.56	7.350 %	$22.46
		Reference Numbers			
		Bill of Lading # 1471823			
		Furnish & Deliver YES			
			Total for Order 9507733A:		$709.30
9507730	12/14/2020	Ca16o 042 Chips			
9507730	12/14/2020	Delivery Charge			
9507730	12/14/2020	Material Per Ton	26.12	14.35 TON	$374.82
9507730	12/14/2020	Sales Tax Columbia & Dupo	26.12	11.50 TON	$300.38
			300.38	7.350 %	$22.08
		Reference Numbers			
		Bill of Lading # 1471825			
		Furnish & Deliver YES			
			Total for Order 9507730A:		$697.28
9507732	12/14/2020	Ca16o 042 Chips			
9507732	12/14/2020	Delivery Charge			
9507732	12/14/2020	Material Per Ton	25.98	14.35 TON	$372.82
9507732	12/14/2020	Sales Tax Columbia & Dupo	25.98	11.50 TON	$298.77
			298.77	7.350 %	$21.96
		Reference Numbers			
		Bill of Lading # 1471857			
		Furnish & Deliver YES			
			Total for Order 9507732A:		$693.55

TERMS:
All bills are due and payable 30 days from the invoice date. A service charge of 1.5% per month(18% annual) will be added on unpaid balance after due date. In the event legal action becomes necessary, reasonable attorney's fees and court costs will be added.

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CUSTOMER COPY

Bedman Logistics LLC

One Racehorse Dr
East St Louis, IL 62205
ph.(618)646-5300 fax(618)646-5400

INVOICE NUMBER 769369
INVOICE DATE 12/23/2020

Customer : PERSPR

Bill To: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

Shipper: COLUMBIA QUARRY
100 Industrial Dr
Dupo, IL 62240

Consignee: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

MASTER #:C16PERSPR

Order	Del Date	Description	Bill Qty	Rate	Amount
9509031	12/14/2020	Ca16o 042 Chips			
9509031	12/14/2020	Delivery Charge	26.32	14.35 TON	$377.69
9509031	12/14/2020	Material Per Ton	26.32	11.50 TON	$302.68
9509031	12/14/2020	Sales Tax Columbia & Dupo	302.68	7.350 %	$22.25
		Reference Numbers			
		Bill of Lading # 1471873			
		Furnish & Deliver YES			
			Total for Order 9509031A:		$702.62
9507843	12/14/2020	Ca16o 042 Chips			
9507843	12/14/2020	Delivery Charge	26.02	14.35 TON	$373.38
9507843	12/14/2020	Material Per Ton	26.02	11.50 TON	$299.23
9507843	12/14/2020	Sales Tax Columbia & Dupo	299.23	7.350 %	$21.99
		Reference Numbers			
		Bill of Lading # 1471910			
		Furnish & Deliver YES			
			Total for Order 9507843A:		$694.60
9518000	12/18/2020	Ca16o 042 Chips			
9518000	12/18/2020	Delivery Charge	25.95	14.35 TON	$372.39
9518000	12/18/2020	Material Per Ton	25.95	11.50 TON	$298.43
9518000	12/18/2020	Sales Tax Columbia & Dupo	298.43	7.350 %	$21.93
		Reference Numbers			
		Bill of Lading # 1472955			
		Furnish & Deliver YES			
			Total for Order 9518000A:		$692.75
9517978	12/18/2020	Ca16o 042 Chips			
9517978	12/18/2020	Delivery Charge	26.05	14.35 TON	$373.82
9517978	12/18/2020	Material Per Ton	26.05	11.50 TON	$299.58
9517978	12/18/2020	Sales Tax Columbia & Dupo	299.58	7.350 %	$22.02
		Reference Numbers			
		Bill of Lading # 1472988			
		Furnish & Deliver YES			
			Total for Order 9517978A:		$695.42

TERMS:
All bills are due and payable 30 days from the invoice date. A service charge of 1.5% per month(18% annual) will be added on unpaid balance after due date. In the event legal action becomes necessary, reasonable attorney's fees and court costs will be added.

CUSTOMER COPY

Beelman Logistics LLC

One Racehorse Dr
East St Louis, IL 62205
ph.(618)646-5300 fax(618)646-5400

INVOICE NUMBER 769369
INVOICE DATE 12/23/2020

Customer : PERSPR

Bill To: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

Shipper: COLUMBIA QUARRY
100 Industrial Dr
Dupo, IL 62240

Consignee: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

MASTER #:C16PERSPR

Order	Del Date	Description	Bill Qty	Rate	Amount
9517975	12/18/2020	Ca16o 042 Chips			
9517975	12/18/2020	Delivery Charge			
9517975	12/18/2020	Material Per Ton	26.09	14.35 TON	$374.39
9517975	12/18/2020	Sales Tax Columbia & Dupo	26.09	11.50 TON	$300.04
			300.04	7.350 %	$22.05
		Reference Numbers			
		Bill of Lading # 1473062			
		Furnish & Deliver YES			
			Total for Order 9517975A:		$696.48
9517999	12/18/2020	Ca16o 042 Chips			
9517999	12/18/2020	Delivery Charge			
9517999	12/18/2020	Material Per Ton	26.17	14.35 TON	$375.54
9517999	12/18/2020	Sales Tax Columbia & Dupo	26.17	11.50 TON	$300.96
			300.96	7.350 %	$22.12
		Reference Numbers			
		Bill of Lading # 1473085			
		Furnish & Deliver YES			
			Total for Order 9517999A:		$698.62
9518003	12/18/2020	Ca16o 042 Chips			
9518003	12/18/2020	Delivery Charge			
9518003	12/18/2020	Material Per Ton	25.92	14.35 TON	$371.95
9518003	12/18/2020	Sales Tax Columbia & Dupo	25.92	11.50 TON	$298.08
			298.08	7.350 %	$21.91
		Reference Numbers			
		Bill of Lading # 1473092			
		Furnish & Deliver YES			
			Total for Order 9518003A:		$691.94
9517996	12/18/2020	Ca16o 042 Chips			
9517996	12/18/2020	Delivery Charge			
9517996	12/18/2020	Material Per Ton	26.13	14.35 TON	$374.96
9517996	12/18/2020	Sales Tax Columbia & Dupo	26.13	11.50 TON	$300.50
			300.50	7.350 %	$22.09
		Reference Numbers			
		Bill of Lading # 1473094			
		Furnish & Deliver YES			
			Total for Order 9517996A:		$697.55

TERMS:
All bills are due and payable 30 days from the invoice date. A service charge of 1.5% per month(18% annual) will be added on unpaid balance after due date. In the event legal action becomes necessary, reasonable attorney's fees and court costs will be added.

MB Format 69

CUSTOMER COPY

Beelman Logistics LLC

One Racehorse Dr
East St Louis, IL 62205
ph.(618)646-5300 fax(618)646-5400

INVOICE NUMBER 769369
INVOICE DATE 12/23/2020

Customer : PERSPR

Bill To: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

Shipper: COLUMBIA QUARRY
100 Industrial Dr
Dupo, IL 62240

Consignee: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

MASTER #:C16PERSPR

Order	Del Date	Description	Bill Qty	Rate	Amount
9517976	12/18/2020	Ca16o 042 Chips			
9517976	12/18/2020	Delivery Charge	25.98	14.35 TON	$372.82
9517976	12/18/2020	Material Per Ton	25.98	11.50 TON	$298.77
9517976	12/18/2020	Sales Tax Columbia & Dupo	298.77	7.350 %	$21.96
		Reference Numbers			
		Bill of Lading # 1473102			
		Furnish & Deliver YES			
			Total for Order 9517976A:		$693.55
9517972	12/18/2020	Ca16o 042 Chips			
9517972	12/18/2020	Delivery Charge	26.33	14.35 TON	$377.83
9517972	12/18/2020	Material Per Ton	26.33	11.50 TON	$302.80
9517972	12/18/2020	Sales Tax Columbia & Dupo	302.80	7.350 %	$22.26
		Reference Numbers			
		Bill of Lading # 1473106			
		Furnish & Deliver YES			
			Total for Order 9517972A:		$702.89
9517993	12/18/2020	Ca16o 042 Chips			
9517993	12/18/2020	Delivery Charge	25.77	14.35 TON	$369.80
9517993	12/18/2020	Material Per Ton	25.77	11.50 TON	$296.36
9517993	12/18/2020	Sales Tax Columbia & Dupo	296.36	7.350 %	$21.78
		Reference Numbers			
		Bill of Lading # 1473107			
		Furnish & Deliver YES			
			Total for Order 9517993A:		$687.94
9517997	12/18/2020	Ca16o 042 Chips			
9517997	12/18/2020	Delivery Charge	26.21	14.35 TON	$376.12
9517997	12/18/2020	Material Per Ton	26.21	11.50 TON	$301.42
9517997	12/18/2020	Sales Tax Columbia & Dupo	301.42	7.350 %	$22.15
		Reference Numbers			
		Bill of Lading # 1473114			
		Furnish & Deliver YES			
			Total for Order 9517997A:		$699.69

TERMS:
All bills are due and payable 30 days from the invoice date. A service charge of 1.5% per month(18% annual) will be added on unpaid balance after due date. In the event legal action becomes necessary, reasonable attorney's fees and court costs will be added.

CUSTOMER COPY

Beelman Logistics LLC

One Racehorse Dr
East St Louis, IL 62205
ph.(618)646-5300 fax(618)646-5400

INVOICE NUMBER 769369
INVOICE DATE 12/23/2020

Customer : PERSPR

Bill To: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

Shipper: COLUMBIA QUARRY
100 Industrial Dr
Dupo, IL 62240

Consignee: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

MASTER #:C16PERSPR

Order	Del Date	Description	Bill Qty	Rate	Amount
9517994	12/18/2020	Ca16o 042 Chips			
9517994	12/18/2020	Delivery Charge	26.48	14.35 TON	$379.99
9517994	12/18/2020	Material Per Ton	26.48	11.50 TON	$304.52
9517994	12/18/2020	Sales Tax Columbia & Dupo	304.52	7.350 %	$22.38
		Reference Numbers Bill of Lading # 1473115 Furnish & Deliver YES			
				Total for Order 9517994A:	$706.89
9517998	12/18/2020	Ca16o 042 Chips			
9517998	12/18/2020	Delivery Charge	26.00	14.35 TON	$373.10
9517998	12/18/2020	Material Per Ton	26.00	11.50 TON	$299.00
9517998	12/18/2020	Sales Tax Columbia & Dupo	299.00	7.350 %	$21.98
		Reference Numbers Bill of Lading # 1473122 Furnish & Deliver YES			
				Total for Order 9517998A:	$694.08

Total # of Loads : 22
Total Weight : 574.58

Total Freight :	$8,245.23
Total FSC :	$0.00
Total Materials:	$6,607.72
Total Sales Tax:	$485.67
Total Misc:	$0.00
Grand Total :	**$15,338.62**

SEND REMITTANCE TO:
Beelman Logistics LLC
PO BOX 954389
ST. LOUIS, MO 63195-4389

TERMS:
All bills are due and payable 30 days from the invoice date. A service charge of 1.5% per month(18% annual) will be added on unpaid balance after due date. In the event legal action becomes necessary, reasonable attorney's fees and court costs will be added.

MB Format 69

CUSTOMER COPY

Buckhart Sand & Gravel Inc.
2300 North 16TH Street
Springfield, IL 62702
(217) 525-1752

Customer ID	Payment Terms
10012	NET 30 Days

BILL TO:
PERRY ENVIRONMENTAL
CLOCKTOWER DR.
SPRINGFIELD, IL 62704

INVOICE #	INVOICE DATE	BATCH #
18102	12/15/2020	BSG121520

PURCHASE ORDER:

ORDER DELIVERED TO:
QUIK N EZ
2800 PEORIA RD.

ORDER DESCRIPTION:
3863 - QUIK

Prior to Item

Ticket #	Truck ID	Date	Product	Net	Units	Mat Rate	Freight Rate	Amount
556173	FOSTER	12/8/2020	FA 6	14.25	Ton	$9.35	$0.00	$133.24
556174	FOSTER	12/8/2020	FA 6	14.10	Ton	$9.35	$0.00	$131.84
556182	FOSTER	12/8/2020	FA 6	14.05	Ton	$9.35	$0.00	$131.37
556190	FOSTER	12/8/2020	FA 6	14.10	Ton	$9.35	$0.00	$131.84
556206	FOSTER	12/8/2020	FA 6	14.50	Ton	$9.35	$0.00	$135.58
556294	FOSTER	12/9/2020	FA 6	13.10	Ton	$9.35	$0.00	$122.49
556308	FOSTER	12/9/2020	FA 6	14.30	Ton	$9.35	$0.00	$133.71
556389	DON27	12/11/2020	FA 6	18.10	Ton	$9.35	$0.00	$169.24
556392	DON26	12/11/2020	FA 6	22.10	Ton	$9.35	$0.00	$206.64
556393	DON59	12/11/2020	FA 6	20.50	Ton	$9.35	$0.00	$191.68
556394	FOSTER	12/11/2020	FA 6	14.05	Ton	$9.35	$0.00	$131.37
556395	DON54	12/11/2020	FA 6	19.90	Ton	$9.35	$0.00	$186.07
556397	DON27	12/11/2020	FA 6	18.40	Ton	$9.35	$0.00	$172.04
556399	DON26	12/11/2020	FA 6	22.75	Ton	$9.35	$0.00	$212.71
556401	DON59	12/11/2020	FA 6	19.95	Ton	$9.35	$0.00	$186.53
556403	FOSTER	12/11/2020	FA 6	13.90	Ton	$9.35	$0.00	$129.97
556406	DON54	12/11/2020	FA 6	21.15	Ton	$9.35	$0.00	$197.75
556422	DON26	12/11/2020	FA 6	21.85	Ton	$9.35	$0.00	$204.30
556423	DON54	12/11/2020	FA 6	18.70	Ton	$9.35	$0.00	$174.85
556427	FOSTER	12/11/2020	FA 6	14.90	Ton	$9.35	$0.00	$139.32
556429	DON27	12/11/2020	FA 6	21.20	Ton	$9.35	$0.00	$198.22
556432	DON59	12/11/2020	FA 6	20.60	Ton	$9.35	$0.00	$192.61
556435	DON26	12/11/2020	FA 6	21.45	Ton	$9.35	$0.00	$200.56
556436	DON54	12/11/2020	FA 6	18.70	Ton	$9.35	$0.00	$174.85
556440	FOSTER	12/11/2020	FA 6	15.20	Ton	$9.35	$0.00	$142.12

FA 6 / Buckhart Sand & Gravel / Buckhart Sand & Gravel: 441.80 Ton

Buckhart Sand & Gravel Inc.
2300 North 16TH Street
Springfield, IL 62702
(217) 525-1752

Customer ID	Payment Terms
10012	NET 30 Days

BILL TO:
PERRY ENVIRONMENTAL
CLOCKTOWER DR.
SPRINGFIELD, IL 62704

INVOICE #	INVOICE DATE	BATCH #
18102	12/15/2020	BSG121520

PURCHASE ORDER:

ORDER DELIVERED TO:
QUIK N EZ
2800 PEORIA RD.

ORDER DESCRIPTION:
3863 - QUIK

Ticket #	Truck ID	Date	Product	Net	Units	Mat Rate	Freight Rate	Amount

# OF TICKETS	TOTAL NET QUANTITY	MATERIAL AMOUNT	FREIGHT AMOUNT	SURCHARGE AMOUNT
25	441.80	$4,130.90	$0.00	$0.00

If you have any questions about billing please contact us. We appreciate your business!

SUBTOTAL	$4,130.90
TAX	$299.47
TOTAL	***$4,430.37***

71 TN
Prior to ZEMA

370.80

(663.85)

3,766.52

Buckhart Sand & Gravel Inc.
2300 North 16TH Street
Springfield, IL 62702
(217) 525-1752

Customer ID	Payment Terms
10012	NET 30 Days

BILL TO:
PERRY ENVIRONMENTAL
CLOCKTOWER DR.
SPRINGFIELD, IL 62704

INVOICE #	INVOICE DATE	BATCH #
18306	12/31/2020	BSG123120

PURCHASE ORDER:

ORDER DELIVERED TO:
QUIK N EZ
2800 PEORIA RD.

ORDER DESCRIPTION:
3863 - QUIK

Ticket #	Truck ID	Date	Product	Net	Units	Mat Rate	Freight Rate	Amount
556693	DON26	12/18/2020	FA 6	21.20	Ton	$9.35	$0.00	$198.22
556694	DON3	12/18/2020	FA 6	20.80	Ton	$9.35	$0.00	$194.48
556701	DON59	12/18/2020	FA 6	17.40	Ton	$9.35	$0.00	$162.69
556702	DON26	12/18/2020	FA 6	21.05	Ton	$9.35	$0.00	$196.82
556704	FOSTER	12/18/2020	FA 6	14.15	Ton	$9.35	$0.00	$132.30
556705	DON3	12/18/2020	FA 6	21.40	Ton	$9.35	$0.00	$200.09
556711	DON59	12/18/2020	FA 6	20.40	Ton	$9.35	$0.00	$190.74
556712	DON26	12/18/2020	FA 6	21.00	Ton	$9.35	$0.00	$196.35
556714	FOSTER	12/18/2020	FA 6	14.60	Ton	$9.35	$0.00	$136.51
556717	DON3	12/18/2020	FA 6	21.30	Ton	$9.35	$0.00	$199.16
556718	DON59	12/18/2020	FA 6	19.70	Ton	$9.35	$0.00	$184.20
556720	DON26	12/18/2020	FA 6	21.85	Ton	$9.35	$0.00	$204.30
556721	FOSTER	12/18/2020	FA 6	14.15	Ton	$9.35	$0.00	$132.30
556723	DON3	12/18/2020	FA 6	21.20	Ton	$9.35	$0.00	$198.22
556728	DON59	12/18/2020	FA 6	20.70	Ton	$9.35	$0.00	$193.55
556729	DON26	12/18/2020	FA 6	21.05	Ton	$9.35	$0.00	$196.82
556730	FOSTER	12/18/2020	FA 6	14.35	Ton	$9.35	$0.00	$134.17

FA 6 / Buckhart Sand & Gravel / Buckhart Sand & Gravel: 326.30 Ton

# OF TICKETS	TOTAL NET QUANTITY	MATERIAL AMOUNT	FREIGHT AMOUNT	SURCHARGE AMOUNT
17	326.30	$3,050.92	$0.00	$0.00

If you have any questions about billing please contact us. We appreciate your business!

SUBTOTAL	$3,050.92
TAX	$221.20
TOTAL	***$3,272.12***

F R E I G H T B I L L

DONLEY TRUCKING INC.
P.O.BOX 13
WILLIAMSVILLE,IL 62693

(217) 566-3561

Invoice # 61022
Date 01/11/21

Cust # PERENV

ICC. 154206
ILL. MC-CR 9519
FED. 37-1186385

PERRY ENVIRONMENTAL,INC.
960 CLOCKTOWER DRIVE
SPRINGFIELD, IL 62704

PAGE 1

This Invoice Covers The Following Dates 01/08/21 TO 01/08/21

Ticket #	Units	Type	Rate	Amount	Ticket #	Units	Type	Rate	Amount
Origin: INFO CORNER Destination: QUIK & EASY									
41383	17.300	TONS@	16.00	276.80	41384	17.200	TONS@	16.00	275.20
41385	16.600	TONS@	16.00	265.60	41386	16.850	TONS@	16.00	269.60
41387	16.150	TONS@	16.00	258.40					

Subtotal 1345.60

Total Before Tax 1345.60
Tax 0.00
Amount Due 1345.60

SubTotals CWT	Tons	Bushels	Hours	Gallons	Yards	Charges
0.0000	84.100	0.00	0.00	0	0.000	1345.60

Unit Totals:

CWT	Tons	Hours	Gallons	Yards	Miles	Trips
0.0000	84.100	0.00	0	0.000	0.00	5.00

Totals:

Hauling	Product	Additional
252.30	1093.30	0.00

Invoice Total ==> $ 1345.60

CUSTOMER IS RESPONSIBLE FOR ALL FEES,INCLUDING ATTORNEY FEES,IF ACCOUNT GOES INTO COLLECTIONS!

F R E I G H T B I L L

DONLEY TRUCKING INC.
P.O.BOX 13
WILLIAMSVILLE,IL 62693

(217) 566-3561

Invoice # 61014
Date 01/08/21

Cust # PERENV

ICC. 154206
ILL. MC-CR 9519
FED. 37-1186385

PERRY ENVIRONMENTAL,INC.
960 CLOCKTOWER DRIVE
SPRINGFIELD, IL 62704

PAGE 1

This Invoice Covers The Following Dates 01/08/21 TO 01/08/21

Ticket #	Units	Type	Rate	Amount	Ticket #	Units	Type	Rate	Amount
Origin: INFO CORNER Destination: QUIK & EASY									
41549	18.550	TONS@	18.00	333.90	41550	17.150	TONS@	18.00	308.70
								Subtotal	642.60

Total Before Tax	642.60
Tax	0.00
Amount Due	642.60

SubTotals CWT	Tons	Bushels	Hours	Gallons	Yards	Charges
0.0000	35.700	0.00	0.00	0	0.000	642.60

Unit Totals:

CWT	Tons	Hours	Gallons	Yards	Miles	Trips
0.0000	35.700	0.00	0	0.000	0.00	2.00

Totals:

Hauling	Product	Additional
80.68	561.92	0.00

Invoice Total ==> $ 642.60

CUSTOMER IS RESPONSIBLE FOR ALL FEES,INCLUDING ATTORNEY FEES,IF ACCOUNT GOES INTO COLLECTIONS!

Trucking Invoices for hauling Contaminated Soils to Landfill

F R E I G H T B I L L

DONLEY TRUCKING INC.
P.O.BOX 13
WILLIAMSVILLE,IL 62693

(217) 566-3561

Invoice # 60764
Date 12/11/20

Cust # PERENV

ICC. 154206
ILL. MC-CR 9519
FED. 37-1186385

PERRY ENVIRONMENTAL,INC.
960 CLOCKTOWER DRIVE
SPRINGFIELD, IL 62704

PAGE 1

This Invoice Covers The Following Dates 12/09/20 TO 12/09/20

Ticket/Date	Origin	Destination	Units	Charges
2985 12/09/20	QUIK & EASY	MERVIS IRON TANKS Hauled @	4.50 HOURLY 98.0000 Per Hour	441.00

SubTotals	CWT	Tons	Bushels	Hours	Gallons	Yards	Charges
	0.0000	0.000	0.00	4.50	0	0.000	441.00

Unit Totals:

CWT	Tons	Hours	Gallons	Yards	Miles	Trips
0.0000	0.000	4.50	0	0.000	0.00	1.00

Totals:

Hauling	Product	Additional
441.00	0.00	0.00

Invoice Total ==> $ 441.00

CUSTOMER IS RESPONSIBLE FOR ALL FEES,INCLUDING ATTORNEY FEES,IF ACCOUNT GOES INTO COLLECTIONS!

F R E I G H T B I L L

)ONLEY TRUCKING INC.
?.O.BOX 13
VILLIAMSVILLE,IL 62693

(217) 566-3561

Invoice # 60765
Date 12/11/20

Cust # PERENV

ICC. 154206
ILL. MC-CR 9519
FED. 37-1186385

PERRY ENVIRONMENTAL,INC.
960 CLOCKTOWER DRIVE
SPRINGFIELD, IL 62704

?AGE 1

This Invoice Covers The Following Dates 12/10/20 TO 12/10/20

Ticket/Date	Origin	Destination	Units	Charges
3176 12/10/20	QUIK & EASY	SANGAMON VAL SG DIRT Hauled @	2.75 HOURLY 98.0000 Per Hour	269.50
3571 12/10/20	QUIK & EASY	SANGAMON VAL SG DIRT Hauled @	9.25 HOURLY 98.0000 Per Hour	906.50
3734. 12/10/20	QUIK & EASY	SANGAMON VAL SG DIRT Hauled @	8.75 HOURLY 98.0000 Per Hour	857.50
3735 12/10/20	QUIK & EASY	SANGAMON VAL SG DIRT Hauled @	9.00 HOURLY 98.0000 Per Hour	882.00
:577 12/10/20	QUIK & EASY	SANGAMON VAL SG DIRT Hauled @	6.50 HOURLY 98.0000 Per Hour	637.00

SubTotals	CWT	Tons	Bushels	Hours	Gallons	Yards	Charges
	0.0000	0.000	0.00	36.25	0	0.000	3552.50

Init Totals:

CWT	Tons	Hours	Gallons	Yards	Miles	Trips
0.0000	0.000	36.25	0	0.000	0.00	5.00

Totals:

Hauling	Product	Additional
3552.50	0.00	0.00

Invoice Total ==> $ 3552.50

CUSTOMER IS RESPONSIBLE FOR ALL FEES,INCLUDING ATTORNEY FEES,IF ACCOUNT GOES INTO COLLECTIONS!

F R E I G H T B I L L

DONLEY TRUCKING INC.
P.O.BOX 13
WILLIAMSVILLE,IL 62693

(217) 566-3561

Invoice # 60780
Date 12/14/20

Cust # PERENV

ICC. 154206
ILL. MC-CR 9519
FED. 37-1186385

PERRY ENVIRONMENTAL,INC.
960 CLOCKTOWER DRIVE
SPRINGFIELD, IL 62704

PAGE 1

This Invoice Covers The Following Dates 12/11/20 TO 12/11/20

Ticket/Date	Origin	Destination	Units	Charges
3201 12/11/20	QUIK & EASY	SANGAMON VAL SG DIRT Hauled @	7.00 HOURLY 98.0000 Per Hour	686.00
3736 12/11/20	QUIK & EASY	SANGAMON VAL SG DIRT Hauled @	6.75 HOURLY 98.0000 Per Hour	661.50
3737 12/11/20	QUIK & EASY	SANGAMON VAL SG DIRT Hauled @	7.25 HOURLY 98.0000 Per Hour	710.50
4578 12/11/20	QUIK & EASY	SANGAMON VAL SG DIRT Hauled @	6.50 HOURLY 98.0000 Per Hour	637.00

SubTotals	CWT	Tons	Bushels	Hours	Gallons	Yards	Charges
	0.0000	0.000	0.00	27.50	0	0.000	2695.00

Unit Totals:

CWT	Tons	Hours	Gallons	Yards	Miles	Trips
0.0000	0.000	27.50	0	0.000	0.00	4.00

Totals:

Hauling	Product	Additional
2695.00	0.00	0.00

Invoice Total ==> $ 2695.00

CUSTOMER IS RESPONSIBLE FOR ALL FEES,INCLUDING ATTORNEY FEES,IF ACCOUNT GOES INTO COLLECTIONS!

F R E I G H T B I L L

DONLEY TRUCKING INC.
P.O.BOX 13
WILLIAMSVILLE,IL 62693

(217) 566-3561

Invoice # 60859
Date 12/21/20

Cust # PERENV

ICC. 154206
ILL. MC-CR 9519
FED. 37-1186385

PERRY ENVIRONMENTAL,INC.
960 CLOCKTOWER DRIVE
SPRINGFIELD, IL 62704

PAGE 1

This Invoice Covers The Following Dates 12/18/20 TO 12/18/20

Ticket/Date	Origin	Destination	Units	Charges
3651 12/18/20	QUIK & EASY	SANGAMON VAL SG DIRT Hauled @	7.25 HOURLY 98.0000 Per Hour	710.50
3652 12/18/20	QUIK & EASY	SANGAMON VAL SG DIRT Hauled @	6.50 HOURLY 98.0000 Per Hour	637.00
3739 12/18/20	QUIK & EASY	SANGAMON VAL SG DIRT Hauled @	7.00 HOURLY 98.0000 Per Hour	686.00

SubTotals	CWT	Tons	Bushels	Hours	Gallons	Yards	Charges
	0.0000	0.000	0.00	20.75	0	0.000	2033.50

Unit Totals:

CWT	Tons	Hours	Gallons	Yards	Miles	Trips
0.0000	0.000	20.75	0	0.000	0.00	3.00

Totals:

Hauling	Product	Additional
2033.50	0.00	0.00

Invoice Total ==> $ 2033.50

CUSTOMER IS RESPONSIBLE FOR ALL FEES,INCLUDING ATTORNEY FEES,IF ACCOUNT GOES INTO COLLECTIONS!

FOSTER TRUCKING
6937 THAYER RD.
AUBURN, IL 62615
217-885-4405 HOME
217-899-7740 CELL-CHUCK

DATE 12-27-20 INVOICE #1

Bill to;

Perry Environmental
950 Clocktower Dr. Suite I
Spfld. IL 62704

PAY ON RECEIPT

DATE	TR.	JOB	MATERIAL	RATE	HRS.	AMT.
Prior to IEMA 12-9-20	Foster Bulk Eq #3	2800 Peoria Rd (#3419) Tandem Spfld.	Sand	$85.00 hr	7.25	$616.25
12-9-20	"	"	Dirt (#3420)	$85.00	2.50	$212.50
12-10-20	"	"	Dirt/Sand (#3421)	$85.00	9.0	$765.00
12-11-20	"	"	Dirt/Sand (#3422)	$85.00	8.0	$680.00
12-18-20	"	"	Dirt/Sand (#3423)	$85.00	8.0	$680.00

total $2,953.75

$2,337.50

Pay within 30 days or 2% INT added - 24%

Owner/Operator and Licensed Professional Engineer/Geologist Billing Certification Form

Under penalty of perjury as defined in Section 32-2 of the Criminal Code of 1961 [720 ILCS 5/32-2], I certify to the following:

- The bills in the attached application for payment are for performing corrective action activities associated with Incident # 20201063 reported for the Leaking Underground Storage Tank site located at Address: 2800 North Peoria Road City: Springfield State: Illinois Zip: 62702
- The bills are for the billing period December 9, 2020 through December 31, 2020 and were incurred in conformance with the Environmental Protection Act and 35 Ill. Adm. Code 731, 732, or 734.
- The attached application for payment and all documents submitted with it were prepared under the supervison of the licensed professional engineer or licensed professional geologist and the owner and/or opertor whose signatures are set forth below and in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information provided. The information in the attached application for payment is, to the best of my knowledge and belief, true, accurate, and complete.
- The costs for remediating the above-listed incident are correct, are reasonable, and if applicable, were determined in accordance with Subpart H: Maximum Payment Amounts, Appendix D Sample Handling and Analysis amounts, and Appendix E Personnel Titles and Rates of 35 Ill. Adm. Code 732 or 734.
- I am aware there are significant penalties for submitting false statements or representations to the Illinois EPA, including but not limited to fines, imprisonment, or both as provided in Section 44 of the Environmental Protection Act [415 ILCS 5/44] and Section 32-2 of the Criminal Code of 1961 [720 ILCS 5/32-2].

RECEIVED
MAR 25 2022
IEPA/BOL

Owner/Operator: Qik N EZ Properties, LLC

Authorized Representative: Amy Ridley

Address: 2026 North Republic Street Phone:

City: Springfield State: Illinois Zip: 62702

Signature: Date: 3/21/22

Subscribed and sworn to before me the 21st day of March, 2022

(Notary Public) Seal:

OFFICIAL SEAL
D. Eggleston
NOTARY PUBLIC, STATE OF ILLINOIS
My Commission Expires Jan. 5, 2026

L.P.E./L.P.G. Jeff Wienhoff L.P.E./L.P.G. Seal:

JEFFREY R. WIENHOFF
062-058441
LICENSED
PROFESSIONAL
ENGINEER
OF
ILLINOIS

L.P.E./L.P.G. Illinois Registration No.: 062-058441

L.P.E./L.P.G. Registration Expiration Date: November 30, 2023

Company Name: Green Wave Consulting, LLC

Address: 4440 Ash Grove Drive, Suite A Phone: (217) 726-7569

City: Springfield State: Illinois Zip: 62711

L.P.E./L.P.G. Signature: Date: 3/22/22

Subscribed and sworn to before me the 22nd day of March, 2022

(Notary Public) Seal:

OFFICIAL SEAL
D. Eggleston
NOTARY PUBLIC, STATE OF ILLINOIS
My Commission Expires Jan. 5, 2026

*For a corporation, a principal executive officer of at least the level of vice president, or a person authorized by a resolution of the board of directors to sign the applicable document if a copy of the resolution, certified as a true copy by the secretary of the corporation, is submited with the document.

Payment Certification Form

This certification must be included with every application for payment from the UST Fund.

I, Amy Ridley the owner or operator of the Leaking UST(s) for which this application for payment is being submitted, certify that $57,987.33 is the amount being sought in this application for payment, $0.00 has already been paid from the Fund for this occurrence, and $0.00 has been sent to the Illinois EPA for payment for this occurrence but has not yet been paid. I further certify that the number of petroleum USTs in Illinois presently owned or operated by the owner or operator, any subsidiary, parent or joint stock company of the owner or operator, and any company owned by any parent, subsidiary or joint stock company of the owner or operator is (check one):

Fewer than 101 ☑ 101 or more ☐

Except for applications for payment associated with Early Action, I certify that a plan for the work included in this application for payment was approved by the Illinois EPA on NA - EA; except for applications for payment associated with to 35 Il. Adm. Code 731, certify that a budget for the work included in this application for payment was approved by the Illinois EPA on NA - EA and certify that the amount sought for payment was expended in conformance with the approved budget and approved plan. I further certify that, if the costs included in this application for payment are approved for payment, the following limitations will not be exceeded:

1. Payment will not result in the owner or operator receiving payment of corrective action costs or indemnification costs from the Fund for more than $1,000,000 per occurrence for sites subject to 35 Ill. Adm. Code 731 or 732. (OR) Payment will not result in the owner or operator receiving payment of corrective action costs or indemnification costs from the Fund for more than $1,500,000 per occurrence for sites subject to 35 Ill. Adm. Code 734.
2. Payment will not result in the owner or operator receiving payment of corrective action costs or indemnification costs from the Fund incurred during a calendar year in excess of the following amounts:

   For costs incurred in calendar years prior to 2002:
   $1,000,000, if fewer than 101 tanks are owned or operated in Illinois.
   $2,000,000, if 101 or more tanks are owned or operated in Illinois.

   For costs incurred in calendar years 2002 and later:
   $2,000,000, if fewer than 101 tanks are owned or operated in Illinois.
   $3,000,000, if 101 or more tanks are owned or operated in Illinois.

Owner/Operator Name: Chronister Oil Company

Authorized Representative: Amy Ridley Title: _____

Signature _____ Date: 3/21/22

Subscribed and sworn to before me the 21st day of March, 2022

(This certification must be notarized when the certification is signed.)

_____ (Notary Public)

Seal:

OFFICIAL SEAL
D. Eggleston
NOTARY PUBLIC, STATE OF ILLINOIS
My Commission Expires Jan. 5, 2026

*For a corporation, a principal executive officer of at least the level of vice president, or a person authorized by a resolution of the board of directors to sign the applicable document if a copy of the resolution, certified as a true copy by the secretary of the corporation, is submitted with the document.

Private Insurance Coverage Questionnaire

This form must be completed in full by all owners or operators, or their authorized representatives, that have a claim for payment from the State of Illinois Underground Storage Tank Fund for the labor, materials, overhead, and profit costs related to the investigation and/or remediation of a Leaking UST site.

1. Site Name: Qik N EZ
   Address: 2800 North Peoria Road
   City: Springfield State: Illinois Zip: 62702

2. Name of insurance company providing coverage for this Leaking UST site:
   None

3. Amount of Coverage Provided: None

4. Have you or your firm filed a claim against your insurance company for this Leaking UST site?
   Yes ☐ No ☑
   a. If yes, how much is the claim? _____
   b. If no, explain why. No Insurance

5. Have you or your firm received payment for a claim against your insurance company for this Leaking UST site?
   Yes ☐ No ☑
   a. If yes, how much and when? _____
   Date: _____
   b. If no, explain why. No Insurance

6. Are you going to file a claim against your insurance policy?
   Yes ☐ No ☑
   a. If yes, how much and when? _____
   Date: _____
   b. If no, explain why. No Insurance

This Illinois EPA is authorized to request this information under the Environmental Protection Act, 415 ILCS 5/1 et seq. (formerly Ill. Rev. Stat. Ch 111-1/2, 1001 et seq.). Disclosure of this information is required. Failure to properly complete this form in its entirety may result in the delay or denial of any payment requested hereunder. This form has been approved by the Forms Management Center.

Private Insurance Affidavit

I, Amy Ridley, a duly authorized representative of Qik N EZ Properties, LLC,
(owner/operator or firm's name)

hereby certify that Qik N EZ Properties, LLC (does/does not) does not have private
(owner/operator or firm's name)

insurance coverage for all or part of the costs related to claim for payment of Qik N EZ Properties, LLC
(owner/operator or firm's name)

investigation or remediation costs for work performed at Qik N EZ Properties, LLC located at
(site name)

2800 North Peoria Road, Springfield, Illinois 62702,
(address)

I, Amy Ridley, _____ of Qik N EZ Properties, LLC,
(name) (title) (owner/operator or firm's name)

certify that, as of this date, the above information is accurate and complete. Furthermore, I also agree to reimburse the Illinois EPA for any overpayment made by my private insurance company in excess of the deductible amount for each site.

Owner/Operator: Amy Ridley Title: _____

Signature: _____ Date: 3/21/25

Subscribed and sworn to before me the 21st day of March, 2025

_____ (Notary Public)

Seal: OFFICIAL SEAL
D. Eggleston
NOTARY PUBLIC, STATE OF ILLINOIS
My Commission Expires Jan. 5, 2026

The Illinois EPA is authorized to require this information under 415 ILCS 5/1. Disclosure of this information is required. Failure to do so may result in the delay or denial of any budget or payment requested hereunder. This form has been approved by the Forms Management Center.

Form **W-9**
(Rev. October 2018)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

▶ Go to *www.irs.gov/FormW9* for instructions and the latest information.

Give Form to the requester. Do not send to the IRS.

Print or type. See Specific Instructions on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.
Chronister Oil Company Inc.

2 Business name/disregarded entity name, if different from above

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.

☐ Individual/sole proprietor or single-member LLC ☐ C Corporation ☒ S Corporation ☐ Partnership ☐ Trust/estate

☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶

Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.

☐ Other (see instructions) ▶

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any)

Exemption from FATCA reporting code (if any)

(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.) See instructions.
2026 N. Republic

Requester's name and address (optional)

6 City, state, and ZIP code
Springfield IL 62702

7 List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number
[ ][ ][ ] - [ ][ ] - [ ][ ][ ][ ]

or

Employer identification number
37 - 0901169

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here Signature of U.S. person ▶ [signature] Date ▶ 2/8/22

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to *www.irs.gov/FormW9*.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, *later.*

8/3/2021

Chronister Oil Company
2026 Republic Street
Springfield, IL 62702

In Re: Facility No. 5013134
IEMA Incident No. 20201063
Qik-N-EZ
2800 Peoria Road
Springfield, Sangamon, IL 62702

Dear Applicant:

The Reimbursement Eligibility and Deductible Application received on August 02, 2021 for the above referenced occurrence has been reviewed. The following determinations have been made based upon this review.

It has been determined that you are eligible to seek payment of costs in excess of $5,000. The costs must be in response to the occurrence referenced above and associated with the following tanks:

Eligible Tanks

Tank 1 10000 gallon Diesel Fuel
Tank 2 10000 gallon Gasoline
Tank 3 8000 gallon E-85

You must contact the Illinois Environmental Protection Agency to receive a packet of Agency billing forms for submitting your request for payment.

An owner or operator is eligible to access the Underground Storage Tank Fund if the eligibility requirements are satisfied:

1. Neither the owner nor the operator is the United States Government,
2. The tank does not contain fuel which is exempt from the Motor Fuel Tax Law,
3. The costs were incurred as a result of a confirmed release of any of the following substances:

   "Fuel", as defined in Section 1.19 of the Motor Fuel Tax Law

   Aviation fuel

   Heating oil

   Kerosene

   Used oil, which has been refined from crude oil used in a motor vehicle, as defined in Section 1.3 of the Motor Fuel Tax Law.
4. The owner or operator registered the tank and paid all fees in accordance with the statutory and regulatory requirements of the Gasoline Storage Act.
5. The owner or operator notified the Illinois Emergency Management Agency of a confirmed release, the costs were incurred after the notification and the costs were a result of a release of a substance listed in this Section. Costs of corrective action or indemnification incurred before providing that notification shall not be eligible for payment.
6. The costs have not already been paid to the owner or operator under a private insurance policy, other written agreement, or court order.
7. The costs were associated with "corrective action".

This constitutes the final decision as it relates to your eligibility and the set deductible. We reserve the right to change the deductible determination should additional information that would change the determination become available. An underground storage tank owner or operator may appeal the decision to the Illinois Pollution Control Board (Board), pursuant to Section 57.9 (c) (2). An owner or operator who seeks to appeal the decision shall file a petition for a hearing before the Board within 35 days of the date of issuance of the final decision, (35 Illinois Administrative Code 105.504(b)).

For information regarding the filing of an appeal, please contact:

Clerk
Illinois Pollution Control Board
State of Illinois Center
100 West Randolph, Suite 11-500
Chicago, Illinois 60601
(312) 814-3620

The following tanks are also listed for this site:

Tank 4 6000 gallon Diesel Fuel
Tank 5 10000 gallon Gasoline - Regular
Tank 6 10000 gallon Diesel Fuel
Tank 7 10000 gallon E-15

Your application indicates that there has not been a release from these tanks under this incident number. You may be eligible to seek payment of corrective action costs associated with these tanks if it is determined that there has been a release from one or more of these tanks. Once it is determined that there has been a release from one or more of these tanks you may submit a separate application for an eligibility determination to seek corrective action costs associated with this/these tanks.

If you have any questions, please contact our Office at (217) 785-1020.

Sincerely,

Deanne Lock

Division of Petroleum and Chemical Safety

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 · (217) 782-3397
JB PRITZKER, GOVERNOR **JOHN J. KIM**, DIRECTOR

(217) 524-3300

CERTIFIED MAIL #
7011 1150 0001 0857 4157

MAY 05 2022

Chronister Oil Company
Attn: Amy Ridley
2026 North Republic Street
Springfield, IL 62702

Re: 1671205520 -- Sangamon County
Springfield / Qik-N-EZ
2800 North Peoria Road
Incident-Claim No.: 20201063 -- 72859
Queue Date: March 25, 2022
Leaking UST Fiscal File

Dear Ms. Ridley:

The Illinois Environmental Protection Agency (Illinois EPA) has completed the review of your application for payment from the Underground Storage Tank (UST) Fund for the above-referenced Leaking UST incident pursuant to Section 57.8(a) of the Environmental Protection Act (415 ILCS 5) (Act) and 35 Illinois Administrative Code (35 Ill. Adm. Code) 734.Subpart F.

This information is dated March 22, 2022 and was received by the Illinois EPA on March 25, 2022. The application for payment covers the period from December 9, 2020 to December 31, 2020. The amount requested is $57,987.33.

On March 25, 2022, the Illinois EPA received your application for payment for this claim. As a result of Illinois EPA's review of this application for payment, a voucher for $50,833.79 will be prepared for submission to the Comptroller's Office for payment as funds become available based upon the date the Illinois EPA received your complete request for payment of this application for payment. Subsequent applications for payment that have been/are submitted will be processed based upon the date complete subsequent application for payment requests are received by the Illinois EPA. This constitutes the Illinois EPA's final action with regard to the above application(s) for payment.

The deductible amount for this claim is $5,000.00, which was previously withheld from your payment(s). Pursuant to Section 57.8(a)(4) of the Act, any deductible, as determined pursuant to the Office of the State Fire Marshal's eligibility and deductibility final determination in accordance with Section 57.9 of the Act, shall be subtracted from any payment invoice paid to an eligible owner or operator.

There are costs from this claim that are not being paid. Listed in Attachment A are the costs that are not being paid and the reasons these costs are not being paid.

An underground storage tank system owner or operator may appeal this decision to the Illinois Pollution Control Board. Appeal rights are attached.

If you have any questions or require further assistance, please contact Nicole Howland of my staff at (217) 524-0435.

Sincerely,

Brian P. Bauer
Leaking UST Claims
Leaking Underground Storage Tank Section
Bureau of Land

Attachment: A

c: Green Wave Consulting, LLC
Leaking UST Claims Unit

Appeal Rights

An underground storage tank owner or operator may appeal this final decision to the Illinois Pollution Control Board pursuant to Sections 40 and 57.7(c)(4) of the Act by filing a petition for a hearing within 35 days after the date of issuance of the final decision. However, the 35-day period may be extended for a period not to exceed 90 days by written notice from the owner or operator and the Illinois EPA within the initial 35-day appeal period. If the owner or operator wishes to receive a 90-day extension, a written request that includes a statement of the date the final decision was received, along with a copy of this decision, must be sent to the Illinois EPA as soon as possible.

For information regarding the filing of an appeal, please contact:

Clerk of the Board
Illinois Pollution Control Board
James R. Thompson Center
100 West Randolph, Suite 11-500
Chicago, IL 60601
(312) 814-3620

For information regarding the filing of an extension, please contact:

Illinois Environmental Protection Agency
Division of Legal Counsel
1021 North Grand Avenue East
PO Box 19276
Springfield, IL 62794-9276
(217) 782-5544

Attachment A
Accounting Deductions

Re: 1671205520 -- Sangamon County
Springfield / Qik-N-EZ
2800 North Peoria Road
Incident-Claim No.: 20201063 -- 72859
Queue Date: March 25, 2022
Leaking UST Fiscal File

Citations in this attachment are from the Environmental Protection Act (415 ILCS 5) (Act) and 35 Illinois Administrative Code (35 Ill. Adm. Code).

Item # Description of Deductions

1. $3,819.07, deduction for costs associated with duplicate billings. Such costs are ineligible for payment from the Fund pursuant to Section 57.7(c)(4) of the Act and 35 Ill. Adm. Code 734.630(o). In addition, such costs are not approved pursuant to Section 57.7(c)(3) of the Act because they are not reasonable.

   Laboratory analysis was paid in a previous claim dated 9/2/21.

2. $3,252.41, deduction for costs for personnel, which lack supporting documentation. Such costs are ineligible for payment from the Fund pursuant to 35 Ill. Adm. Code 734.630(cc). Since there is no supporting documentation of costs, the Illinois EPA cannot determine that costs will not be used for activities in excess of those necessary to meet the minimum requirements of Title XVI of the Act. Therefore, such costs are not approved pursuant to Section 57.7(c)(3) of the Act because they may be used for site investigation or corrective action activities in excess of those required to meet the minimum requirements of Title XVI of the Act.

   In addition, deduction for early action costs for personnel that are not reasonable as submitted. Such costs are ineligible for payment from the Fund pursuant to Section 57.7(c)(3) of the Act and 35 Ill. Adm. Code 734.630(ee).

   10 hours of Engineer III time for field oversight and sampling on dates when there is no technical documentation to correspond, and 14.25 hours for the 45-Day report development.

3. $67.06, deduction for costs for personnel, which exceed the minimum requirements necessary to comply with the Act. Costs associated with site investigation and corrective action activities and associated materials or services exceeding the minimum requirements necessary to comply with the Act are not eligible for payment from the Fund pursuant to Section 57.7(c)(3) of the Act and 35 Ill. Adm. Code 734.630(o).

In addition, deduction for early action costs for personnel that are not reasonable as submitted. Such costs are ineligible for payment from the Fund pursuant to Section 57.7(c)(3) of the Act and 35 Ill. Adm. Code 734.630(ee).

Senior Project Manager time for field reports exceeds the minimum requirements.

4. $15.00, deduction for costs for consultant's materials, which lack supporting documentation. Such costs are ineligible for payment from the Fund pursuant to 35 Ill. Adm. Code 734.630(cc). Since there is no supporting documentation of costs, the Illinois EPA cannot determine that costs will not be used for activities in excess of those necessary to meet the minimum requirements of Title XVI of the Act. Therefore, such costs are not approved pursuant to Section 57.7(c)(3) of the Act because they may be used for site investigation or corrective action activities in excess of those required to meet the minimum requirements of Title XVI of the Act.

In addition, deduction for early action costs for consultant's materials that are not reasonable as submitted. Such costs are ineligible for payment from the Fund pursuant to Section 57.7(c)(3) of the Act and 35 Ill. Adm. Code 734.630(ee).

Provided documentation did not support the number of miles requested and exceeded the Federal Mileage Reimbursement Rate.

PROJECT LABOR AGREEMENT DETERMINATION

Reviewed by: Albert Wang
Date Reviewed: 6/15/22

File Heading: 1671205520 -- Sangamon County
Springfield/Qik-n-Ez
2800 North Peoria Road
Leaking UST Incident 942157
Leaking UST Technical File

Document reviewed:
Corrective Action Plan & Budget dated 3/25/22, received by the Illinois EPA on 3/25/22

Brief Summary of Fieldwork Activities:
The CAP proposes ET&D of 6570 cu. yds of soil, razing the station building and foundation, removing the canopy, removing product piping. The CAP proposes the collection of nine backfill samples, thirty sidewall samples, forty-three floor samples, and one soil gas sample. Reinstallation of three monitoring wells after excavation is proposed. The plan proposes 3830 square feet of six-inch thickness concrete pavement and 5420 square feet of four-inch thickness asphalt.

Pursuant to Section 57.7(c)(3) of the Environmental Protection Act (415 ILCS 5/57.7(c)(3)), the following considerations are made in determining whether a project labor agreement (PLA) will be utilized for the above-captioned work ("Project") for which the UST owner or operator is seeking payment from the UST Fund:

☐ 1) The use of a PLA will advance the State's interest in reducing Project costs paid from the UST Fund.

☐ 2) Use of a PLA will advance the State's interest in efficiency, timeliness, and quality of Project work based on the overall size, scope, complexity, and remediation objectives of the Project.

☐ 3) The Project presents safety concerns, including but not limited to the threat to human health and the environment, and the use of a PLA will advance the State's interest in promoting safety.

☐ 4) Use of a PLA will advance the State's interest in labor continuity and stability in completing the Project work in accordance with the plan approved by the Illinois EPA.

☐ 5) Use of a PLA will advance the State's interest in performance of the Project work by a skilled labor force, thereby achieving the remediation objectives of the Project.

☐ 6) Use of a PLA will provide timely completion of the Project work, thereby reducing the threat to human health and the environment that would result from delays in achieving the remediation objectives.

☐ 7) Use of a PLA will advance the State's interest of advancing minority-owned and women-owned businesses and minority and female employment.

Based upon the above determination(s), the Project work:

☑ shall include a PLA (if payment from the UST Fund is requested for the PLA-type activities).

Mohammed Zillur Rahman

GREEN WAVE CONSULTING, LLC

March 22, 2022

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
Bureau of Land - #24
Leaking Underground Storage Tank Section
1021 North Grand Avenue East
Springfield, Illinois 62794-9276
Attn.: Steve Putrich

1671205520 – Sangamon County
Qik N EZ
Incident #942157, 961540, 991895 & 20201063
Leaking UST Technical File

Re: LPC# 1671205520 – Sangamon County
Springfield / Qik-n-EZ
2800 North Peoria Road
Leaking UST Incident Nos. 942157, 961540, 991895 & 20201063
Leaking UST Technical File

Dear Mr. Putrich:

Please find enclosed the *Corrective Action Plan and Budget* for the above-referenced site. The owner/operator requests that a *Project Labor Agreement* not be required for the activities proposed in the plan. The requirement of a PLA on this project will only delay the implementation of the corrective action steps that need to be taken. By not requiring a *Project Labor Agreement*, the proposed corrective action activities will be able to be completed in a more expeditious and timely manner.

The request is based on the fact that the PLA will not advance the state's interest in costs, efficiency, timeliness, quality or safety. The scope of the work to be completed, which would be subject to the PLA, consists of soil remediation, groundwater and soil gas sampling, and monitoring well abandonment activities. It is anticipated that the cost to the state would increase by the time the PLA is negotiated, executed and implemented. The work could be scheduled immediately if the PLA requirement was rescinded, thereby increasing efficiency to the state and ultimately leading to faster completion of the required site closure activities. The quality is ensured without a PLA given that the activities will be completed by capable, skilled personnel with experience and training in performing activities at LUST sites and performing UST system renewals. Additionally, safety is ensured as each of the personnel have been trained in safety procedures for completion of LUST site activities. For these reasons, the owner/operator does not feel that a PLA advances the state's interest on this project and that it can be completed in a safer, less expensive and timelier manner if allowed to proceed without requiring a PLA. Additionally as a portion of this work has been previously completed due to needs at the site, a PLA cannot be implemented retroactively.

Should you have any questions or require additional information, please do not hesitate to contact Shawn Wolfe at (217) 726-7569 x140 or shawnw@greenwavecon.com.

Sincerely,

GREEN WAVE CONSULTING, LLC

Jeff Wienhoff
Senior Professional Engineer

Shawn D. Wolfe
Senior Project Manager

Cc: Project File

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 · (217) 782-3397
JB PRITZKER, GOVERNOR JOHN J. KIM, DIRECTOR

(217) 524-3300

CERTIFIED MAIL
7022 0410 0001 4780 8846

JUL 22 2022

Amy Ridley
Chronister Oil Company
2026 North Republic Street
Springfield, IL 62702

Re: 1671205520 -- Sangamon County
Springfield/Qik-N-EZ
2800 North Peoria Road
Leaking UST Incidents 942157, 961540, 991895, and 20201063
Leaking UST Technical File

Dear Ms. Ridley:

The Illinois Environmental Protection Agency (Illinois EPA) has reviewed the Corrective Action Plan (plan) submitted for the above-referenced incidents. This plan, dated March 22, 2022, was received by the Illinois EPA on March 25, 2022. Additional information was received by the Illinois EPA via email on June 17, July 8, and July 11, 2022. Citations in this letter are from the Environmental Protection Act (415 ILCS 5) (Act) and Title 35 of the Illinois Administrative Code (35 Ill. Adm. Code).

The Illinois EPA requires modification of the plan; therefore, the plan is conditionally approved with the Illinois EPA's modifications. The following modification is necessary, in addition to those provisions already outlined in the plan, to demonstrate compliance with Title XVI of the Act (Sections 57.7(b)(2) and 57.7(c) of the Act and 35 Ill. Adm. Code 734.505(b) and 734.510(a)):

1. Modification of monitoring well sampling is required for delineation of Tier 1 groundwater impaction in accordance with 35 Ill. Adm. Code 742. Monitoring wells MW-3, MW-12, MW-13, MW-19, and MW-20 should be resampled. If monitoring well MW-2 cannot be found, a new monitoring well should be installed in the same location for collection of a groundwater sample.

Please note that all activities associated with the remediation of this release proposed in the plan must be executed in accordance with all applicable regulatory and statutory requirements, including compliance with the proper permits..

Furthermore, the Illinois EPA has determined that the use of a project labor agreement (PLA) is required, as set forth in Attachment A. A *Standard Project Labor Agreement for UST Fund Corrective Action Work* (model PLA) is available on the Illinois EPA's Leaking UST Section

website. This model PLA has been reviewed and approved by the AFL-CIO Statewide PLA Committee (PLA Committee), which is the central committee authorized by all respective crafts to negotiate and sign PLAs on behalf of the crafts. Please submit a signed copy of a PLA to the PLA Committee for the Committee's execution at the following address:

Tim Drea, President
Illinois AFL-CIO
534 South Second Street, Suite 200
Springfield, IL 62701-1764

Once the PLA is fully executed, a copy will be returned to the environmental consultant retained by the UST owner or operator so the environmental consultant will know when work conducted under the PLA may begin. Please note that, as more fully set forth in Attachment A, when submitting an application for payment from the UST Fund, the UST owner or operator will be required to certify that work for which a PLA is required was performed under a PLA. The environmental consultant should provide a copy of the fully executed PLA to the UST owner or operator so the UST owner or operator will be able to make the certification.

In addition, the budget in Attachment 8 (future corrective action remediation) is modified pursuant to Sections 57.7(b)(3) and 57.7(c) of the Act and 35 Ill. Adm. Code 734.505(b) and 734.510(b). Based on the modifications listed in Section 2 of Attachment B, the amounts listed in Section 1 of Attachment B have been approved. Please note that the costs must be incurred in accordance with the approved plan. Be aware that the amount of payment from the Fund may be limited by Sections 57.7(c), 57.8(d), 57.8(e), and 57.8(g) of the Act, as well as 35 Ill. Adm. Code 734.630 and 734.655.

In addition, the budget in Attachment 9 (corrective action remediation completed following tank removal) is modified pursuant to Sections 57.7(b)(3) and 57.7(c) of the Act and 35 Ill. Adm. Code 734.505(b) and 734.510(b). Based on the modifications listed in Section 2 of Attachment C, the amounts listed in Section 1 of Attachment C have been approved. Please note that the costs must be incurred in accordance with the approved plan. Be aware that the amount of payment from the Fund may be limited by Sections 57.7(c), 57.8(d), 57.8(e), and 57.8(g) of the Act, as well as 35 Ill. Adm. Code 734.630 and 734.655.

If the owner or operator agrees with the Illinois EPA's modifications, submittal of an amended plan and/or budget, if applicable, is not required (Section 57.7(c) of the Act).

NOTE: Pursuant to Section 57.8(a)(5) of the Act, if payment from the Fund will be sought for any additional costs that may be incurred as a result of the Illinois EPA's modifications, an amended budget must be submitted. Amended plans and/or budgets must be submitted prior to the issuance of a No Further Remediation (NFR) Letter.

In the event that the use of a PLA will impact the project costs set forth in the approved or modified budget, a revised budget may be submitted for Illinois EPA review and decision. As set forth at 35 Ill. Adm. Code 734.800(a)(2), if the revised costs exceed the maximum payment amounts at 35 Ill. Adm. Code 734.Subpart H (Subpart H amounts), bidding is required in order for payment from the UST Fund to exceed the Subpart H amounts. Any bidding must be done in accordance with 35 Ill. Adm. Code 734.855, and the requirement for a PLA must be part of the invitation for bid.

Further, pursuant to 35 Ill. Adm. Code 734.145, it is required that the Illinois EPA be notified of field activities prior to the date the field activities take place. This notice must include a description of the field activities to be conducted; the name of the person conducting the activities; and the date, time, and place the activities will be conducted and shall be made to EPA.FieldNotifications@illinois.gov. This notification of field activities must be provided at least two weeks prior to the scheduled field activities.

Pursuant to Sections 57.7(b)(5) and 57.12(c) and (d) of the Act and 35 Ill. Adm. Code 734.100 and 734.125, the Illinois EPA requires that a Corrective Action Completion Report that achieves compliance with applicable remediation objectives be submitted within 30 days after completion of the plan to:

Illinois Environmental Protection Agency
Bureau of Land - #24
Leaking Underground Storage Tank Section
1021 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276

Please submit all correspondence in duplicate and include the Re: block shown at the beginning of this letter.

Please note, all future technical and budget forms must be signed by an authorized representative of Chronister Oil Company, as they, not Qik-N-EZ Properties, L.L.C., are the tank owner according to the Office of the Illinois State Fire Marshal (OSFM) and the owner or operator according to the Illinois EPA. In addition, Chronister Oil Company is eligible to seek payment of costs from the Fund according to the eligibility and deductible determinations made by the OSFM. Qik-N-EZ Properties, L.L.C. is not eligible to seek payment of costs from the Fund.

If, within four years after the approval of this plan, compliance with the applicable remediation objectives has not been achieved and a Corrective Action Completion Report has not been submitted, the Illinois EPA requires the submission of a status report pursuant to Section 57.7(b)(6) of the Act.

An underground storage tank system owner or operator may appeal this decision to the Illinois Pollution Control Board. Appeal rights are attached.

If you have any questions or need further assistance, please contact the undersigned by phone at (217) 558-8140 or by email at Albert.Wang2@illinois.gov.

Sincerely,

Albert Wang
Project Manager
Leaking Underground Storage Tank Section
Bureau of Land

SP
SP:TB TB

Attachments: Attachment A
Attachment B
Attachment C
Appeal Rights

c: Shawn Wolfe, Green Wave Consulting, LLC (electronic copy)
BOL File

Attachment A

Re: 1671205520 -- Sangamon County
Springfield/Qik-N-EZ
2800 North Peoria Road
Leaking UST Incidents 942157, 961540, 991895, and 20201063
Leaking UST Technical File

NOTICE OF PROJECT LABOR AGREEMENT REQUIREMENT

Please be advised that, pursuant to Section 57.7(c)(3) of the Environmental Protection Act (415 ILCS 5/57.7(c)(3)), the Illinois EPA has determined that a project labor agreement (PLA) is required for the work included in the plan for which the UST owner or operator is seeking payment from the Underground Storage Tank (UST) Fund. The basis for the Illinois EPA's determination that a PLA is required for the project is set forth, as follows:

1. Use of a PLA will advance the State's interest in efficiency, timeliness, and quality of project work based on the overall size, scope, complexity, and remediation objectives of the project.

2. Use of a PLA will advance the State's interest in labor continuity and stability in completing the project work in accordance with the plan approved by the Illinois EPA.

3. Use of a PLA will advance the State's interest in performance of the project work by a skilled labor force, thereby achieving the remediation objectives of the project.

A PLA is not required for project work for which no payment from the UST Fund is being requested.

Pursuant to Section 57.8 of the Environmental Protection Act (415 ILCS 5/57.8), applications for payment from the UST Fund must include a certification signed by the UST owner or operator stating that the work was (i) performed under a PLA that meets the requirements of Section 25 of the Project Labor Agreements Act and (ii) implemented in a manner consistent with the terms and conditions of the Project Labor Agreements Act and in full compliance with all statutes, regulations, and Executive Orders as required under that Act and the Prevailing Wage Act (820 ILCS 130).

Attachment B

Re: 1671205520 -- Sangamon County
Springfield/Qik-N-EZ
2800 North Peoria Road
Leaking UST Incidents 942157, 961540, 991895, and 20201063
Leaking UST Technical File

SECTION 1

As a result of Illinois EPA's modification(s) in Section 2 of this Attachment B, the following amounts are approved:

$4,999.65	Drilling and Monitoring Well Costs
$32,272.56	Analytical Costs
$710,516.66	Remediation and Disposal Costs
$0.00	UST Removal and Abandonment Costs
$53,855.88	Paving, Demolition, and Well Abandonment Costs
$67,556.82	Consulting Personnel Costs
$2,238.00	Consultant's Materials Costs

Handling charges will be determined at the time a billing package is reviewed by the Illinois EPA. The amount of allowable handling charges will be determined in accordance with Section 57.1(a) of the Environmental Protection Act (415 ILCS 5) (Act) and 35 Illinois Administrative Code (35 Ill. Adm. Code) 734.635.

SECTION 2

1. $402.56 for costs for the destruction and replacement of concrete, asphalt, or paving, except as otherwise provided in 35 Ill. Adm. Code 734.625(a)(16). Such costs are ineligible for payment from the Fund pursuant to 35 Ill. Adm. Code 734.630(oo). In addition, such costs are not approved pursuant to Section 57.7(c)(3) of the Act because they are not site investigation or corrective action costs.

   These costs were associated with "Concrete and Asphalt Placement/Replacement" and were deducted from Paving, Demolition, and Well Abandonment Costs to reflect the Pavement Replacement Map received by email on June 17, 2022. This amount includes a reduction of the concrete replacement area from 3,830 ft^2 to 3,762 ft^2 at a rate of $5.92 per square foot and was requested by Shawn Wolfe of Green Wave Consulting, LLC in an email dated June 17, 2022.

2. $245.00 for Analytical Costs that are inconsistent with the associated technical plan as modified by the Illinois EPA. One of the overall goals of the financial review is to assure that costs associated with materials, activities, and services are consistent with the

associated technical plan. Such costs are ineligible for payment from the Fund pursuant to Section 57.7(c)(3) of the Act and 35 Ill. Adm. Code 734.510(b).

These costs include one Soil Gas Sample for BTEX, MTBE, naphthalene, 2-propanol at a rate of $245.00 per analysis which exceeds the total number of soil gas samples to be collected. This deduction was agreed to by Shawn Wolfe of Green Wave Consulting, LLC in an email dated July 11, 2022. This amount is deducted from Analytical Costs.

3. The following costs have been added to the budget to make it consistent with the modifications made to the plan as discussed in email correspondences with Shawn Wolfe of Green Wave Consulting, LLC on July 8, 2022 and July 11, 2022:

$284.24 is added to Paving, Demolition, and Well Abandonment Costs to make the total costs consistent with the plan as modified by the Illinois EPA. This amount includes an increase of the asphalt replacement area from 5,420 ft^2 to 5,508 ft^2 at a rate of $3.23 per square foot and is added to Paving, Demolition, and Well Abandonment Costs as requested by Shawn Wolfe of Green Wave Consulting, LLC in an email dated June 17, 2022.

$335.40 is added to Drilling and Monitoring Well Costs for monitoring well installation costs associated with reinstallation of monitoring well MW-2. These costs include one HSA-type monitoring well to a depth of 15' at a rate of $22.36 per foot as requested by Shawn Wolfe of Green Wave Consulting, LLC in an email dated July 8, 2022.

$1,578.40 is added to Analytical Costs to make the total costs consistent with the plan as modified by the Illinois EPA. This amount is equal to five water sample analyses for BTEX with MTBE at a rate of $109.74 per analysis and five water sample analyses for Polynuclear Aromatics PNA, or PAH at a rate of $205.94 per analysis as requested by Shawn Wolfe of Green Wave Consulting, LLC in an email dated July 8, 2022.

$338.71 is added to Remediation and Disposal Costs to make the total costs consistent with the plan as modified by the Illinois EPA. This amount is equal to one drum of solid waste at a rate of $338.71 per drum as requested by Shawn Wolfe of Green Wave Consulting, LLC in an email dated July 8, 2022.

$588.70 is added to Consulting Personnel Costs to make the total costs consistent with the plan as modified by the Illinois EPA. This amount is equal to 2.5 hours for a Senior Project Manager at a rate of $135.48 per hour and 2.5 hours for a Scientist IV at a rate of $100.00 per hour for "Post-Remed Groundwater Sampling Event – Prep/Travel/Groundwater Monitoring & Sampling/Surveying/Sampling Handling Mgmt" as requested by Shawn Wolfe of Green Wave Consulting, LLC in an email dated July 8, 2022.

$185.48 is added to Consulting Personnel Costs to make the total costs consistent with the plan as modified by the Illinois EPA. This amount is equal to one hour for a Senior Project Manager at a rate of $135.48 per hour and one-half hour for a Scientist IV at a

rate of $100.00 per hour for "Replacement MW Installation – Prep, Travel to/from, PID Screening, Field Mapping" as requested by Shawn Wolfe of Green Wave Consulting, LLC in an email dated July 8, 2022.

$88.06 is added to Consulting Personnel Costs to make the total costs consistent with the plan as modified by the Illinois EPA. This amount is equal to one hour for a Senior Technician at a rate of $88.06 per hour for "Replacement MW Development Event – Prep, Travel to/from, Development of RMWs" as requested by Shawn Wolfe of Green Wave Consulting, LLC in an email dated July 8, 2022.

$42.00 is added to Consultant's Materials Costs to make the total costs consistent with the plan as modified by the Illinois EPA. This amount is equal to six bailers at a rate of $7.00 each as requested by Shawn Wolfe of Green Wave Consulting, LLC in an email dated July 8, 2022.

$406.44 is added to Consulting Personnel Costs for Senior Project Manager personnel hours associated with preparing and securing Project Labor Agreements. This amount includes three hours at the Senior Project Manager rate of $135.48 per hour and is added to Consulting Personnel Costs as requested by Shawn Wolfe of Green Wave Consulting, LLC in an email dated July 8, 2022.

$541.92 is added to Consulting Personnel Costs for Senior Project Manager personnel hours associated with Corrective Action Plan management and email correspondences to the Illinois EPA. This amount includes four hours at the Senior Project Manager rate of $135.48 per hour and is added to Consulting Personnel Costs as requested by Shawn Wolfe of Green Wave Consulting, LLC in an email dated July 8, 2022.

Attachment C

Re: 1671205520 -- Sangamon County
Springfield/Qik-N-EZ
2800 North Peoria Road
Leaking UST Incidents 942157, 961540, 991895, and 20201063
Leaking UST Technical File

SECTION 1

As a result of Illinois EPA's modification(s) in Section 2 of this Attachment C, the following amounts are approved:

$0.00	Drilling and Monitoring Well Costs
$3,162.83	Analytical Costs
$70,786.72	Remediation and Disposal Costs
$12,676.41	UST Removal and Abandonment Costs
$16,875.00	Paving, Demolition, and Well Abandonment Costs
$6,062.39	Consulting Personnel Costs
$207.50	Consultant's Materials Costs

Handling charges will be determined at the time a billing package is reviewed by the Illinois EPA. The amount of allowable handling charges will be determined in accordance with Section 57.1(a) of the Environmental Protection Act (415 ILCS 5) (Act) and 35 Illinois Administrative Code (35 Ill. Adm. Code) 734.635.

SECTION 2

1. $0.50 for costs for vehicle charges that lack supporting documentation. Such costs are ineligible for payment from the Fund pursuant to 35 Ill. Adm. Code 734.630(cc).

   Pursuant to 35 Ill. Adm. Code 734.850(b), costs associated with activities that do not have a maximum payment amount set forth in Subpart H of 35 Ill. Adm. Code 734 must be determined on a site-specific basis, and the owner or operator must demonstrate to the Illinois EPA the amounts sought for reimbursement are reasonable.

   In addition, without supporting documentation, the rate requested for vehicle costs is unreasonable as submitted. Such costs are ineligible for payment from the Fund pursuant to Section 57.7(c)(3) of the Act and 35 Ill. Adm. Code 734.630(dd).

   The Illinois EPA will reimburse for mileage at a rate of $0.575 when sufficient documentation has not been submitted for vehicle costs. Based on the round trip mileage from the consultant's office to the site location of 25 miles per trip and a total of 4 trips, a proposed allowable reimbursement amount is $57.50. Based on this, $0.50 is being deducted from the Consultant's Materials Costs portion of the budget.

2. $1,911.21 for site investigation or corrective action costs for "CCAP: Plan & Budget" that are not reasonable as submitted. Such costs are ineligible for payment from the Fund pursuant to Section 57.7(c)(3) of the Act and 35 Ill. Adm. Code 734.630(dd).

   This deduction was discussed with and agreed to by Shawn Wolfe of Green Wave Consulting, LLC in an email dated July 20, 2022. This amount is equal to 14.25 hours for an Engineer III at a rate of $134.12 per hour and is deducted from Consulting Personnel Costs.

Appeal Rights

An underground storage tank owner or operator may appeal this final decision to the Illinois Pollution Control Board pursuant to Sections 40 and 57.7(c)(4) of the Act by filing a petition for a hearing within 35 days after the date of issuance of the final decision. However, the 35-day period may be extended for a period not to exceed 90 days by written notice from the owner or operator and the Illinois EPA within the initial 35-day appeal period. If the owner or operator wishes to receive a 90-day extension, a written request that includes a statement of the date the final decision was received, along with a copy of this decision, must be sent to the Illinois EPA as soon as possible.

For information regarding the filing of an appeal, please contact:

Clerk of the Board
Illinois Pollution Control Board
James R. Thompson Center
100 West Randolph, Suite 11-500
Chicago, IL 60601
(312) 814-3620

For information regarding the filing of an extension, please contact:

Illinois Environmental Protection Agency
Division of Legal Counsel
1021 North Grand Avenue East
P.O. Box 19276
Springfield, IL 62794-9276
(217) 782-5544

TITLE XVI PAYMENT SUMMARY

Reviewer: Nicole Howland 0 11/4/23 Initial Review Date: 10/19/23
Subject to Program: 734
LPC # & County: 1671205520 / Sangamon PM: Wang
Site Name: Springfield / Qik-N-EZ
LUST Incident--Claim #: 20201063-74044 Billing Period: 12/1/20 to 7/31/22

Early Action: Site Class.: Low Priority: High Priority:
Free Product: Site Invest.: Corrective Action: xxx

Amount requested for Corrective Action: 109,770.86

SUB TOTAL: $109,770.86
Less: STANDARD DEDUCTIBLE: met

Less: DEDUCTIONS:

DENY - No PLA paperwork (109,770.86)
In Addition:
Duplicated billing
Items prior to IEMA

SUMMARY DATE: **7/7/23**
NFR DATE:
OPT-IN DATE: Total Amount Due: $0.00

Payee: Chronister Oil Company
Attention: Amy Ridley
Address: 2023 North Republic Street
City/St./Zip: Springfield, IL 62702

Facility: Qik-N-EZ
Address: 2800 North Peoria Road
City/State: Springfield, IL
County: Sangamon

TITLE XVI

TO: Brian Bauer
FROM: Nicole Howland

Initial Review Date: 10/19/23
Project Manager: Wang
Subject to Program: 734

LPC # & County: 1671205520 / Sangamon
Site City & Name: Springfield / Qik-N-EZ
Site Address: 2800 North Peoria Road
LUST Incident-Claim # 20201063-74044
Queue Date: 7/7/2023
LUST / FISCAL FILE

The above referenced facility's consultants/contractors submission regarding invoices and billings has been reviewed.

The consultant/contractor in this billing package is: Green Wave Consulting, LLC

Queue Date: 7/7/23
11/4/23

120 Day Date: 11/4/23
Revised 120 Day Date: 1/3/24

IEMA: 12/9/20
OSFM:
F.P. Discovered:
E.A. Ext Date:
NFR Date:
Opt-In Date:
Opt-In as New Owner:

59 Days After IEMA: 2/6/21
Date of 45 Day Report:
45 Days After Free Product was Discovered:
Date of Site Class. Comp. Report:
Date of Site Invest. Comp. Report:
Or Stage of Site Invest. work being billed:

# of Eligible Tanks: 3
Tank Size: 10,000 Diesel; 10,000 Gasoline; 8000 E-85
Tank Pull:
Planned:
Not Planned:

The **Billing Period** for this claim covers: 12/1/20 to 7/31/22

The **Amount Requested** in this billing package is: $109,770.86

The **Budget Amount Approved** for this site is:

The **Deductible Applied** to this billing package is: met

Early Action:
Free Product:
Site Class.:
Site Invest.:
Low Priority:
Corrective Action: xxx
High Priority:

MANDATORY DOCUMENTS:

x 1. Payment Certification Form.
x 2. Owner/Operator & Professional Engineer/Geologist Billing Certification Form.
x 3. Private Insurance Coverage Questionnaire & Affidavit Forms.
x 4. Federal Taxpayer Identification Number &/or W-9 Form(s):
x 5. Copy of OSFM Eligibility / Deductibility Letter.
x 6. Women / Minority Business Enterprise Form.

(Comments on Page 2)

Nicole

Illinois Environmental Protection Agency
LUST Claims Unit

LCTS Queue Date Tracking Worksheet

Tuesday, July 11, 2023

LPC Number 1671205520

Incident Number 20201063 -- **74044**

Queue Date 7/7/2023

Site Name LINCOLNLAND OIL

Owner Name Chronister Oil

Operator Name Chronister Oil

Class Code CA Program 734

Amount Requested $109,770.86

Billing Period From 12/1/2020 To 7/31/2022

Consultant Name GWC -- GREEN WAVE CONSULTING, LLC

Opt-In Date

NFR Date

NFR Recorded Date

Division File

Comments

902733
- IEMA 9/21/90
- 45 Day 2/29/92
- NFR 11/5/90

942157
- IEMA 9/21/94
- 45 Day 4/30/97

961540
- IEMA 8/26/96
- 45 Day 4/30/97

991895
- IEMA 8/11/99
- 45 Day 8/18/99

20201063
- IEMA 12/9/20
- 45 Day 1/26/21

PLA

This budget was approved w/ a PLA. No PLA does are in claim. We may have to deny this. See Brian B

Wang 12/9/20

GREEN WAVE CONSULTING, LLC

July 7, 2023

LUST Claims Unit, Bureau of Land
Illinois Environmental Protection Agency
1021 North Grand Avenue East
Springfield, Illinois 62794

Re: LPC #1671205520 – Sangamon County
Springfield / Qik-N-EZ
2800 North Peoria Road
LUST Incident #20201063
CORRECTIVE ACTION REIMBURSEMENT CLAIM

To Whom It May Concern:

Enclosed please find a Corrective Action Reimbursement Claim for the above referenced site.

Although there is a Project Labor Agreement (PLA) for this site, the activities requested for reimbursement were conducted prior to the establishment of the PLA requirement.

If you have any questions, please contact me at (217) 726-7569 ext. 310 or debie@greenwavecon.com.

Thank you!

Sincerely,

Debi Eggleston
Senior Account Technician

Enclosure

cc: Amy Ridley, *Chronister Oil Company, Inc.*
File

Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

General Information for the Budget and Billing Forms

LPC #: 1671205520 **County:** Sangamon

City: Springfield **Site Name:** Qik-N-EZ

Site Address: 2800 North Peoria Road

Date this form was prepared: Jul 29, 2022

List all IEMA Incident numbers associated with this package:

902733. 942157. 961540. 991895. 20201063

List all other incidents associated with this site that are not associated with this package:

This form is being submitted as a (check one, if applicable):

- ☑ Billing Package
- ○ Budget Amendment (Budget amendments must include only the costs over the previous budget.)
- ○ Budget Proposal

Please provide the name(s) and date(s) of report(s) documenting the costs requested:

Name(s):	CAP & Budget	CAP & Budget	
Date(s):	Jan 26, 2021	Mar 25, 2022	

This package is being submitted for the site activities indicated below:

35 Ill. Adm. Code 734:

- ☐ Early Action
- ☐ Free Product Removal after Early Action
- ☐ Site Investigation . . . . . Stage 1: ☐ Stage 2: ☐ Stage 3: ☐
- ☑ Corrective Action

35 Ill. Adm. Code 732:

- ☐ Early Action
- ☐ Free Product Removal after Early Action
- ☐ Site Classification
- ☐ Low Priority Corrective Action
- ☐ High Priority Corrective Action

35 Ill. Adm. Code 731:

- ☐ Site Investigation
- ☐ Corrective Action

General Information for the Budget and Billing Forms

The following address will be used as the mailing address for checks and any final determination letters regarding payment from the Fund for this package.

Pay to the order of: Chronister Oil Company

Send in care of: Amy Ridley

Address: 2026 North Republic Street

City: Springfield State: IL Zip: 62702

The payee is the: Owner ☑ Operator ☑ (Check one or both.)

Signature of the owner or operator of the UST(s) (required) Date: 3/21/22

Amy Ridley

Printed name of the owner or operator of the UST(s) (required)

W-9 must be submitted.
Click here to print off a W-9 Form.

Email: amy.ridley@lincolnlandoil.com

Number of petroleum USTs in Illinois presently owned or operated by the owner or operator; any subsidiary, parent or joint stock company of the owner or operator; and any company owned by any parent, subsidiary or joint stock company of the owner or operator:

Fewer than 101: ⊘ 101 or more: ○

Please list all tanks that have ever been located at the site and tanks that are presently located at the site.

Product Stored in UST	Size (gallons)	Did UST have a release?	Incident No.	Type of Release Tank Leak / Overfill / Piping Leak
Diesel Fuel	10,000	Yes ⊘ No ○	961540, 20201063	Overfill
Gasoline - Regular	10,000	Yes ⊘ No ○	991895, 20201063	Piping Leak
E-85	8,000	Yes ⊘ No ○	942157, 20201063	Overfill
Diesel Fuel	6,000	Yes ⊘ No ○	902733	Tank Leak
Gasoline - Regular	10,000	Yes ○ No ⊘		
Diesel Fuel	10,000	Yes ○ No ⊘		
E-15	10,000	Yes ○ No ⊘		
		Yes ○ No ⊘		
		Yes ○ No ⊘		
		Yes ○ No ⊘		

Billing Summary

	$ Amount Approved in the Budget	$ Amount Requested for Payment from the Fund
1. Drilling and Monitoring Wells Costs Form	$0.00	$0.00
2. Analytical Costs Form	$3,162.83	~~$3,162.83~~
3. Remediation and Disposal Costs Form	$70,786.72	~~$70,786.73~~
4. UST Removal and Abandonment Costs Form	$12,676.41	~~$12,676.41~~
5. Paving, Demolition, and Well Abandonment Costs Form	$16,875.00	~~$16,875.00~~
6. Consulting Personnel Costs Form	$6,062.39	~~$6,062.39~~
7. Consultant's Materials Costs Form	$207.50	~~$207.50~~
Total Amount Approved in the Budget*	$109,770.85	**NOT APPLICABLE**
Subtotal of lines 1-7:	**NOT APPLICABLE**	$109,770.86
8. Handling Charges Form	**NOT APPLICABLE**	$0.00
TOTAL AMOUNT REQUESTED FOR PAYMENT	**NOT APPLICABLE**	$109,770.86

*Date(s) this Budget(s) was approved: 07/22/2022

3/25/2022

No PLA Paperwork
Duplicated Billing
Prior to IEMA

Analytical Costs Form

Laboratory Analysis	Number of Samples		Cost ($) per Analysis		Total per Parameter
Chemical Analysis					
BETX Soil with MTBE EPA 8260	10	x	$111.78	=	$1,117.80
BETX Water with MTBE EPA 8260		x	$108.65	=	$0.00
COD (Chemical Oxygen Demand)		x	$40.24	=	$0.00
Corrosivity		x	$20.12	=	$0.00
Flash Point or Ignitability Analysis EPA 1010		x	$44.26	=	$0.00
Fraction Organic Carbon Content (f_{oc}) ASTM-D 2974-00		x	$50.96	=	$0.00
Fat, Oil, & Grease (FOG)		x	$80.48	=	$0.00
LUST Pollutants Soil - analysis must include volatile, base/ neutral, polynuclear aromatics and metals list in Section 732. Appendix B and 734.Appendix B		x	$929.60	=	$0.00
Dissolved Oxygen (DO)		x	$32.19	=	$0.00
Paint Filter (Free Liquids)		x	$18.78	=	$0.00
PCB / Pesticides (combination)		x	$297.79	=	$0.00
PCBs		x	$148.89	=	$0.00
Pesticides		x	$187.80	=	$0.00
pH		x	$18.78	=	$0.00
Phenol		x	$45.61	=	$0.00
Polynuclear Aromatics PNA, or PAH SOIL EPA 8270	10	x	$199.90	=	$1,999.00
Polynuclear Aromatics PNA, or PAH WATER EPA 8270		x	$203.90	=	$0.00
Reactivity		x	$91.22	=	$0.00
SVOC - Soil (Semi-Volatile Organic Compounds)		x	$419.86	=	$0.00
SVOC - Water (Semi-Volatile Organic Compounds)		x	$419.86	=	$0.00
TKN (Total Kjeldahl) "nitrogen"		x	$59.02	=	$0.00
TPH (Total Petroleum Hydrocarbons)		x	$163.65	=	$0.00
VOC (Volatile Organic Compounds) - Soil (Non-Aqueous)		x	$234.75	=	$0.00
VOC (Volatile Organic Compounds) - Water		x	$226.71	=	$0.00
Soil Gas Sample-BTEX, MTBE, Naphthalene, 2-Propanol		x	$245.00	=	$0.00
		x		=	$0.00
		x		=	$0.00
		x		=	$0.00
		x		=	$0.00
Geo-Technical Analysis					
Soil Bulk Density (p_b) ASTM D2937-94		x	$29.51	=	$0.00
Ex-situ Hydraulic Conductivity / Permeability		x	$342.06	=	$0.00
Moisture Content (w) ASTM D2216-92 / D4643-93		x	$16.10	=	$0.00
Porosity		x	$40.24	=	$0.00
Rock Hydraulic Conductivity Ex-situ		x	$469.50	=	$0.00
Sieve / Particle Size Analysis ASTM D422-63 / D1140-54		x	$194.51	=	$0.00
Soil Classification ASTM D2488-90 / D2487-90		x	$91.22	=	$0.00
Soil Particle Density (ps) ASTM D854-92		x	$90.00	=	$0.00
		x		=	$0.00
		x		=	$0.00
		x		=	$0.00

Analytical Costs Form

Metals Analysis					
Soil preparation fee for Metals TCLP Soil (one fee per soil sample)		x	$105.97	=	$0.00
Soil preparation fee for Metals Total Soil (one fee per soil sample)		x	$21.45	=	$0.00
Water preparation fee for Metals Water (one fee per water sample)		x	$14.74	=	$0.00
Arsenic TCLP Soil		x	$21.45	=	$0.00
Arsenic Total Soil		x	$21.45	=	$0.00
Arsenic Water		x	$24.15	=	$0.00
Barium TCLP Soil		x	$13.41	=	$0.00
Barium Total Soil		x	$13.41	=	$0.00
Barium Water		x	$16.10	=	$0.00
Cadmium TCLP Soil		x	$21.45	=	$0.00
Cadmium Total Soil		x	$21.45	=	$0.00
Cadmium Water		x	$24.15	=	$0.00
Chromium TCLP Soil		x	$13.41	=	$0.00
Chromium Total Soil		x	$13.41	=	$0.00
Chromium Water		x	$16.10	=	$0.00
Cyanide TCLP Soil		x	$37.56	=	$0.00
Cyanide Total Soil		x	$45.61	=	$0.00
Cyanide Water		x	$45.61	=	$0.00
Iron TCLP Soil		x	$13.41	=	$0.00
Iron Total Soil		x	$13.41	=	$0.00
Iron Water		x	$16.10	=	$0.00
Lead TCLP Soil		x	$21.45	=	$0.00
Lead Total Soil		x	$21.45	=	$0.00
Lead Water		x	$24.15	=	$0.00
Mercury TCLP Soil		x	$25.49	=	$0.00
Mercury Total Soil		x	$13.41	=	$0.00
Mercury Water		x	$34.88	=	$0.00
Selenium TCLP Soil		x	$21.45	=	$0.00
Selenium Total Soil		x	$21.45	=	$0.00
Selenium Water		x	$20.12	=	$0.00
Silver TCLP Soil		x	$13.41	=	$0.00
Silver Total Soil		x	$13.41	=	$0.00
Silver Water		x	$16.10	=	$0.00
Metals TCLP Soil (a combination of all metals) RCRA		x	$138.17	=	$0.00
Metals Total Soil (a combination of all metals) RCRA		x	$126.09	=	$0.00
Metals Water (a combination of all metals) RCRA		x	$159.62	=	$0.00
		x		=	$0.00
		x		=	$0.00
		x		=	$0.00
		x		=	$0.00
Other					
EnCore® Sampler, purge-and-trap sampler, or equivalent sampling device	1	x	$13.15	=	$13.15
Sample Shipping per sampling event[1]	0.5	x	$65.76	=	$32.88

[1]A sampling event, at a minimum, is all samples (soil and groundwater) collected in a calendar day

Total Analytical Costs:	~~$3,162.83~~ Ø

Previously Pd. Duplicate Billing

Remediation & Disposal Costs Form

A. Conventional Technology

792.08 Total
458 y³ Previously Pd
334.08 y³

Excavation, Transportation, and Disposal of contaminated soil and/or the 4-foot backfill material removal during early action activities:

Number of Cubic Yards	Cost per Cubic Yard ($)	Total Cost
334.08 ~~730.12~~	$76.46	$55,824.98

947.31 Total
458 y³ Previously Pd.
489.31 y³

Backfilling the Excavation:

Number of Cubic Yards	Cost per Cubic Yard ($)	Total Cost
489.31 ~~557.65~~	$26.83	$14,961.75

Overburden Removal and Return:

Number of Cubic Yards	Cost per Cubic Yard ($)	Total Cost
	$8.73	$0.00

B. Alternative Technology

Alternative Technology Selected:	
Number of Cubic Yards of Soil to Be Remediated	
Total Non-Consulting Personnel Costs Summary Sheet ($)	
Total Remediation Materials Costs Summary Sheet ($)	
Total Cost of the System	$0.00

Remediation & Disposal Costs Form

C. Groundwater Remediation and/or Free Product Removal System

Total Non-Consulting Personnel Costs Summary Sheet ($)	
Total Remediation Materials Costs Summary Sheet ($)	
Total Cost of the System	$0.00

D. Groundwater and/or Free Product Removal and Disposal

☐ Subpart H minimum payment amount applies.

Number of Gallons	Cost per Gallon ($)	Total Cost
	$0.91	$0.00

E. Drum Disposal

☐ Subpart H minimum payment amount applies.

Number of Drums of Solid Waste	Cost per Drum ($)	Total Cost
	$335.35	$0.00
	$335.35	$0.00
	$335.35	$0.00
Number of Drums of Liquid Waste	Cost per Drum ($)	Total Cost
	$201.22	$0.00
	$201.22	$0.00
	$201.22	$0.00
Total Drum Disposal Costs		$0.00

Total Remediation and Disposal Costs:	**$70,786.73**

Invoice

Perry Environmental, Inc.
960 Clocktower Dr, Suite I
Springfield, IL 62704

Phone # (217) 546-0702

Date	Invoice #
12/18/2020	2469

Bill To Client
Chronister Oil Company 2026 N. Republic Springfield, IL 62702

Project Name	Project Number
Qik-n-EZ	20-1014

Quantity	Description	Rate	Amount
	Complete tank contracting services for Qik-n-EZ located at 2800 Peoria Road in Springfield, IL.		
1	Abandon 10,000 gallon UST next to building and filled per OSFM regulations	7,800.00	7,800.00
1	Remove, clean and dispose of 10,000 gallon and 8,000 gallon USTs and piping over tanks per OSFM regulations	8,500.00	8,500.00
1	Remove concrete from over tank, transport and dispose of offsite	800.00	800.00
792.08 y³ 1,188.12	Excavate contaminated soils, transport and haul to landfill for disposal per IEPA regulations (cubic yards) or 1,782.18 tons	76.46	90,843.66
947.31 y³ 1	Backfill new UST excavation area with fine and coarse aggregates up to 800 tons	26,000.00	26,000.00
620.97	Additional backfill materials to purchase, transport, and place due to the over excavation for removing the contaminated soils (per ton)	25.00 26.83	15,524.25

458 y³ ET&D
458 y³ BF
> Pd Claim #20201063-72859

Thank you for using PEI for all your environmental services.	**Total** $149,467.91

Office of the Illinois State Fire Marshal
Division of Petroleum and Chemical Safety
1035 Stevenson Drive
Springfield, IL 62703
2177851020

FOR OFFICE USE ONLY
Facility # 5013134
Permit # 01667-2020ABN
Request Rec'd 11/23/2020
Amended Date
Approval Date 11/23/2020 DS
Permit Expires 5/25/2021

Permit for ABANDONMENT IN PLACE of Underground Storage Tank(s) and Piping for Petroleum and Hazardous Substances.

Permission to abandon in place underground storage tank(s) or piping is hereby granted. Such abandonment must be in complete accordance with acceptable materials as specified in the Federal Register, Part II Environmental Protection Agency, 40 CFR Parts 280 and 281, and also with all sections of 41 Illinois Administrative Code, Parts 174, 175, and 176. The contractor the permit was issued to or an employee of that contractor (this does not include a subcontractor) shall establish a date certain to perform the UST activity by contacting the Office of the State Fire Marshal, Division of Petroleum and Chemical Safety, at which time the UST activity shall be scheduled. **THIS PERMIT IS VALID FOR SIX MONTHS FROM THE APPROVAL DATE.**

(1) OWNER OF TANKS - Corporation, partnership, or other business entity:	(2) FACILITY - name and address where tanks are located:
Chronister Oil Company 2026 N Republic Street Springfield, IL 62702 Contact: Heather Hoffman (217) 523-5050 Ext. 1718	Qik-N-EZ 2800 Peoria Road Springfield, IL 62702 Contact: David Drendel (217) 523-5050

(3) ABANDONMENT IN PLACE OF TANKS:

(a) Number and size tanks being abandoned: (TK # 1) - 10,000

(b) Product stored in each tank: (TK # 1) - Diesel Fuel

(c) Location of tanks being abandoned: CONTAMINATED SITE! IEMA Number: 1999-1895 The existing 10,000 gallon diesel tank is partially underneath the existing building stucture and if removed would compromise the existing sturcture. The tank will be abandoned in place and filled with inert material as required.

(d) Location of piping being abandoned: Piping is not mentioned in the permit application but must be removed or abandoned

(4) This permit is VOID if contamination is revealed during abandonment procedures or if tanks are not as indicated on your granted permit site plan. If contamination is revealed, this abandonment can continue only when the contamrinated site section (2) of the certification on site condition has been submitted to our Office.

(5) SPECIAL CONTINGENCIES :

(6) **The owner must notify this Office when completion of tank abandonment has occurred, on the Notification for Underground Storage Tank Form. This form can be obtained at www.sfm.illinois.gov or by calling (217)785-1020.**

(7) PERSON, FIRM OR COMPANY PERFORMING WORK:

Perry Environmental, Inc. 960 Clocktower Drive, Suite I Springfield, IL 62704	Contact Person: julie keebler Phone: (217) 546-0702 Contractor Registration # IL002445 Exp. 4/6/2022

Sincerely,

Daniel S. Starks

Daniel Starks

cc: Storage Tank Safety Specialist
Division File

Office of the Illinois State Fire Marshal
Division of Petroleum and Chemical Safety
1035 Stevenson Drive
Springfield, IL 62703
2177851020

FOR OFFICE USE ONLY
Facility # 5013134
Permit # 01668-2020REM
Request Rec'd 11/23/2020
Amended Date
Approval Date 11/23/2020 DS
Permit Expires 5/25/2021

Permit for REMOVAL of Underground Storage Tank(s) and Piping for Petroleum and Hazardous Substances.

Permission to remove underground storage tank(s) or piping is hereby granted. Such removal shall not commence until the contractor the permit was issued to or an employee of that contractor (this does not include a subcontractor) shall establish a date certain to perform the UST activity by contacting the Office of the State Fire Marshal, Division of Petroleum and Chemical Safety, at which time the UST activity shall be scheduled. **THIS PERMIT IS VALID FOR SIX MONTHS FROM THE APPROVAL DATE.**

(1) OWNER OF TANKS - Corporation, partnership, or other business entity:	(2) FACILITY - name and address where tanks are located:
Chronister Oil Company 2026 N Republic Street Springfield, IL 62702 Contact: Heather Hoffman (217) 523-5050 Ext. 1718	Qik-N-EZ 2800 Peoria Road Springfield, IL 62702 Contact: David Drendel (217) 523-5050

(3) REMOVAL OF TANKS:

(a) Number and size of tanks being removed: (TK # 2) - 10,000, (TK # 3) - 8,000

(b) Description/location of piping being removed:

(c) Product to be stored in each tank: (TK # 2) - Gasoline, (TK # 3) - E-85

(d) Reason of tanks being removed:

(e) If tank(s) is leaking, indicate IEMA incident number: 1999-1895

(f) Date each tank was last used: (TK # 2, 3) - Unknown

(4) The owner must notify this Office when completion of tank removal has occurred, on the Notification for Underground Storage Tank Form. This form can be obtained at www.sfm.illinois.gov or by calling (217)785-1020. After removal is completed, the owner/operator shall perform a site assessment by measuring for the presence of a release where contamination is most likely to be present at the UST site. This is in accordance with the Illinois Administrative Code 176.360 (a) regulations and 40 CFR Part 280.72 (a) Federal Register Requirement.

(5) SPECIAL CONTINGENCIES : Uncover concrete and materials over existing tanks. Remove and dispose of all remaining liquids from tanks. Blown down tanks to below 5% LEL and then Remove 1-10000 gallon gasoline UST and 1-8,000 gallon UST, piping and vent lines. We will abandon and fill the Diesel tank with inert materials one day prior to removing these remaining 2 USTs to prevent the abandon tank from moving and compromising the existing building structure. The tank system will be removed and disposed of offsite.

(6) PERSON, FIRM OR COMPANY PERFORMING WORK:

Perry Environmental, Inc.
960 Clocktower Drive, Suite I
Springfield, IL 62704

Contact Person: julie keebler
Phone: (217) 546-0702
Contractor Registration # IL002445 Exp. 4/6/2022

Sincerely,

Daniel S. Starks

Daniel Starks

cc: Storage Tank Safety Specialist
Division File

Landfill Invoices for disposing of Contaminated Soils

Included in Claim #20201063-72859

SANGAMON VALLEY LANDFILL
2980 GRANGER DRIVE
SPRINGFIELD, IL 62707

REPUBLIC SERVICES

INVOICE

Invoice Date	12/15/2020
Invoice No	4122-000009339
Customer No	4-4122-0333411
Page No	1 of 4
Due Date	01/04/2021

PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704

Current Charges	Total Amount Due
$40,759.20	$40,759.20

Please Pay Total Amount Due

Billing Questions? Call 217-554-7028

TO MAKE CREDIT CARD PAYMENTS PLEASE CALL THE LOCAL OFFICE AT 217-528-9256

Prior to FEMA

Date	Code	Description	Reference	Rate	Quantity	Amount
04/15		Balance Forward				253.75
05/04		Payment 003025				-253.75
12/08	VI	SW-CONT SOIL-ALT DAILY COVER	01 1101960	27.00	11.74 TN	316.98
12/08	VI	SW-CONT SOIL-ALT DAILY COVER	01 1101968	27.00	17.57 TN	474.39
12/08	VI	SW-CONT SOIL-ALT DAILY COVER	01 1101972	27.00	14.58 TN	393.66
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102047	27.00	23.73 TN	640.71
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102048	27.00	26.94 TN	727.38
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102049	27.00	14.85 TN	400.95
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102050	27.00	17.99 TN	485.73
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102053	27.00	28.77 TN	776.79
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102054	27.00	22.74 TN	613.98
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102059	27.00	20.34 TN	549.18
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102060	27.00	12.08 TN	326.16
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102063	27.00	17.00 TN	459.00
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102067	27.00	24.89 TN	672.03

ACCOUNT STATUS

Current	31-60 Days	61-90 Days	Over 90 Days	Total Amount Due
$40,759.20	0.00	0.00	0.00	$40,759.20

Please return this portion below with your payment. Do not attach check to stub.

REPUBLIC SERVICES

SANGAMON VALLEY LANDFILL
2980 GRANGER DRIVE
SPRINGFIELD, IL 62707

Invoice Date	12/15/2020
Invoice No.	4122-000009339
Customer No.	4-4122-0333411

Current Charges:	$40,759.20
Total Amount Due:	$40,759.20
Amount Paid:	

☐ Please check if address has changed, and indicate change(s) on reverse side or call phone number above.

Please write your account number on your check and make payable to:

SANGAMON VALLEY LANDFILL
P.O. BOX 677839
DALLAS, TX 75267-7839

Please Return Payment To:

PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704

4412203334110000000009339004075920004075920 7

Date	Code	Description	Reference	Rate	Quantity	Amount
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102070	27.00	25.70 TN	693.90
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102073	27.00	21.54 TN	581.58
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102074	27.00	15.61 TN	421.47
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102079	27.00	17.80 TN	480.60
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102082	27.00	22.33 TN	602.91
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102084	27.00	25.22 TN	680.94
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102085	27.00	22.05 TN	595.35
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102087	27.00	13.55 TN	365.85
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102091	27.00	10.03 TN	270.81
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102093	27.00	19.46 TN	525.42
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102095	27.00	22.46 TN	606.42
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102098	27.00	19.63 TN	530.01
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102101	27.00	12.23 TN	330.21
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102107	27.00	12.38 TN	334.26
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102110	27.00	15.01 TN	405.27
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102112	27.00	20.54 TN	554.58
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102113	27.00	17.98 TN	485.46
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102118	27.00	13.51 TN	364.77
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102121	27.00	23.21 TN	626.67
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102124	27.00	10.78 TN	291.06
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102125	27.00	10.78 TN	291.06
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102127	27.00	20.33 TN	548.91
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102128	27.00	17.10 TN	461.70
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102131	27.00	18.77 TN	506.79
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102132	27.00	23.55 TN	635.85
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102134	27.00	20.47 TN	552.69
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102136	27.00	11.47 TN	309.69
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102137	27.00	14.99 TN	404.73
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102141	27.00	14.69 TN	396.63
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102143	27.00	18.52 TN	500.04
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102146	27.00	20.36 TN	549.72
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102148	27.00	19.70 TN	531.90

IF ANY OF THE FOLLOWING HAS CHANGED SINCE YOUR LAST STATEMENT, PLEASE INDICATE....

Your Name _____

Street _____ Home Phone _____

City _____ State _____ Zip _____

Other Information _____

_____

_____

SANGAMON VALLEY LANDFILL
2980 GRANGER DRIVE
SPRINGFIELD, IL 62707

REPUBLIC SERVICES

PERRY ENVIRONMENTAL INC

INVOICE (cont.)

Invoice Date	12/15/2020
Invoice No	4122-000009339
Customer No	4-4122-0333411
Page No	3 of 4
Due Date	01/04/2021

Date	Code	Description	Reference	Rate	Quantity	Amount
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102149	27.00	13.34 TN	360.18
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102154	27.00	12.84 TN	346.68
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102155	27.00	16.07 TN	433.89
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102162	27.00	20.96 TN	565.92
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102164	27.00	12.11 TN	326.97
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102170	27.00	12.57 TN	339.39
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102172	27.00	21.44 TN	578.88
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102173	27.00	19.40 TN	523.80
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102176	27.00	13.79 TN	372.33
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102182	27.00	18.26 TN	493.02
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102183	27.00	12.08 TN	326.16
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102184	27.00	13.17 TN	355.59
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102185	27.00	19.93 TN	538.11
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102186	27.00	14.82 TN	400.14
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102189	27.00	15.35 TN	414.45
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102196	27.00	12.76 TN	344.52
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102198	27.00	19.07 TN	514.89
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102201	27.00	17.99 TN	485.73
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102203	27.00	12.45 TN	336.15
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102204	27.00	19.35 TN	522.45
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102212	27.00	13.89 TN	375.03
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102214	27.00	18.02 TN	486.54
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102217	27.00	16.38 TN	442.26
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102219	27.00	12.83 TN	346.41
12/10	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102220	27.00	14.97 TN	404.19
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102226	27.00	16.61 TN	448.47
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102227	27.00	15.25 TN	411.75
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102230	27.00	10.63 TN	287.01
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102231	27.00	11.90 TN	321.30
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102232	27.00	25.39 TN	685.53
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102258	27.00	15.36 TN	414.72
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102259	27.00	7.34 TN	198.18
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102262	27.00	9.87 TN	266.49
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102264	27.00	8.75 TN	236.25
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102267	27.00	14.02 TN	378.54
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102271	27.00	6.94 TN	187.38
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102273	27.00	12.69 TN	342.63
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102275	27.00	13.49 TN	364.23
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102276	27.00	10.82 TN	292.14
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102277	27.00	11.09 TN	299.43
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102280	27.00	3.15 TN	85.05
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102282	27.00	11.77 TN	317.79
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102285	27.00	14.10 TN	380.70
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102288	27.00	10.61 TN	286.47
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102290	27.00	12.25 TN	330.75
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102306	27.00	5.35 TN	144.45

CRPBLIC2 8422 6837 127 07 20201216 PG 2 OF 2
5289465 00000763 38182587.2 8-1

PERRY ENVIRONMENTAL INC 4-4122-0333411

Date	Code	Description	Reference	Rate	Quantity	Amount
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102308	27.00	10.31 TN	278.37
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102312	27.00	11.05 TN	298.35
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102315	27.00	11.76 TN	317.52
12/11	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102334	27.00	10.29 TN	277.83
		-------- Material Summary --------				
		SW-CONT SOIL-ALT DAILY COVER			1509.60	
					Total Current Charges ==========>	$40,759.20

Included in Claim # 20201063-72859

SANGAMON VALLEY LANDFILL
2980 GRANGER DRIVE
SPRINGFIELD, IL 62707

REPUBLIC SERVICES

INVOICE

Invoice Date	12/31/2020
Invoice No	4122-000009365
Customer No	4-4122-0333411
Page No	1 of 2
Due Date	01/20/2021

00000905 UPER

PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704

Current Charges	Total Amount Due
$7,346.16	$48,105.36

Please Pay Total Amount Due

Billing Questions? Call 217-554-7028

TO MAKE CREDIT CARD PAYMENTS PLEASE CALL THE LOCAL OFFICE AT 217-528-9256

Date	Code	Description	Reference	Rate	Quantity	Amount
12/15		Balance Forward				40,759.20
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102762	27.00	11.06 TN	298.62
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102764	27.00	18.54 TN	500.58
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102766	27.00	21.84 TN	589.68
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102767	27.00	12.73 TN	343.71
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102769	27.00	11.41 TN	308.07
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102772	27.00	16.50 TN	445.50
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102774	27.00	12.53 TN	338.31
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102775	27.00	18.14 TN	489.78
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102780	27.00	12.33 TN	332.91
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102783	27.00	12.29 TN	331.83
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102784	27.00	17.19 TN	464.13
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102810	27.00	18.30 TN	494.10
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102812	27.00	13.88 TN	374.76
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102813	27.00	11.13 TN	300.51

ACCOUNT STATUS

Current	31-60 Days	61-90 Days	Over 90 Days	Total Amount Due
$48,105.36	0.00	0.00	0.00	$48,105.36

↓ ↓ Please return this portion below with your payment. Do not attach check to stub. ↓ ↓

REPUBLIC SERVICES

SANGAMON VALLEY LANDFILL
2980 GRANGER DRIVE
SPRINGFIELD, IL 62707

Invoice Date	12/31/2020
Invoice No.	4122-000009365
Customer No.	4-4122-0333411

Current Charges:	$7,346.16
Total Amount Due:	$48,105.36
Amount Paid:	_____

☐ Please check if address has changed, and indicate change(s) on reverse side or call phone number above.

Please write your account number on your check and make payable to:

SANGAMON VALLEY LANDFILL
Please Return Payment To: P.O. BOX 677839
DALLAS, TX 75267-7839

PERRY ENVIRONMENTAL INC
950 CLOCKTOWER DR SUITE 1
SPRINGFIELD, IL 62704

4412203334110000000009365000734616004810536 5

Date	Code	Description	Reference	Rate	Quantity	Amount
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102814	27.00	19.58 TN	528.66
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102815	27.00	11.83 TN	319.41
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102816	27.00	20.68 TN	558.36
12/18	VI	SW-CONT SOIL-ALT DAILY COVER	01 1102818	27.00	12.12 TN	327.24
		-------- Material Summary --------				
		SW-CONT SOIL-ALT DAILY COVER			272.08	
					Total Current Charges ==========>	$7,346.16

CRPBLTC2 8422 8368 127 07 20210104 PG 1 OF 1 0-1
56395581 00099903 38336718.2

RM-3160

IF ANY OF THE FOLLOWING HAS CHANGED SINCE YOUR LAST STATEMENT, PLEASE INDICATE....

Your Name _____

Street _____ Home Phone _____

City _____ State _____ Zip _____

Other Information _____

_____

_____

Backfill Material Invoices

BACKFILL MATERIAL QUANTITIES BREAKDOWN

1. Beelman Logistics
   25 Truck Loads of Clean Rock Chips Backfill Material = **652.87 tons** $17,428.66
2. Buckhart Sand & Gravel Same Price to MA 697.10
   42 Truck Loads of Fine Agregate Backfill Material = ~~**768.10 tons**~~ $7,032.64
3. Donley Trucking
   7 Truck Loads of Coarse Agregate Rock Backfill Material = **119.80 tons** $1,988.20

TOTAL BACKFILL MATERIALS = 1,540.77 tons or 1,027.18 CUBIC YARDS

Beelman Logistics LLC

One Racehorse Dr
East St Louis, IL 62205
ph.(618)646-5300 fax(618)646-5400

INVOICE NUMBER 768184
INVOICE DATE 12/17/2020

Customer : PERSPR

Bill To: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

Shipper: COLUMBIA QUARRY
100 Industrial Dr
Dupo, IL 62240

Consignee: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

MASTER #:C16PERSPR

Order	Del Date	Description	Bill Qty	Rate	Amount
9506686	12/11/2020	Ca16o 042 Chips			
9506686	12/11/2020	Delivery Charge	26.04	14.35 TON	$373.68
9506686	12/11/2020	Material Per Ton	26.04	11.50 TON	$299.46
9506686	12/11/2020	Sales Tax Columbia & Dupo	299.46	7.350 %	$22.01
		Reference Numbers Bill of Lading # 1471414 Furnish & Deliver YES			
				Total for Order 9506686A:	$695.15
9506684	12/11/2020	Ca16o 042 Chips			
9506684	12/11/2020	Delivery Charge	26.14	14.35 TON	$375.11
9506684	12/11/2020	Material Per Ton	26.14	11.50 TON	$300.61
9506684	12/11/2020	Sales Tax Columbia & Dupo	300.61	7.350 %	$22.09
		Reference Numbers Bill of Lading # 1471512 Furnish & Deliver YES			
				Total for Order 9506684A:	$697.81
9506681	12/11/2020	Ca16o 042 Chips			
9506681	12/11/2020	Delivery Charge	26.11	14.35 TON	$374.68
9506681	12/11/2020	Material Per Ton	26.11	11.50 TON	$300.27
9506681	12/11/2020	Sales Tax Columbia & Dupo	300.27	7.350 %	$22.07
		Reference Numbers Bill of Lading # 1471514 Furnish & Deliver YES			
				Total for Order 9506681A:	$697.02

Total # of Loads : 3
Total Weight : 78.29

Total Freight :	$1,123.47
Total FSC :	$0.00
Total Materials:	$900.34
Total Sales Tax:	$66.17
Total Misc:	$0.00
Grand Total :	**$2,089.98**

SEND REMITTANCE TO:
Beelman Logistics LLC
PO BOX 954389
ST. LOUIS, MO 63195-4389

TERMS:
All bills are due and payable 30 days from the invoice date. A service charge of 1.5% per month(18% annual) will be added on unpaid balance after due date. In the event legal action becomes necessary, reasonable attorney's fees and court costs will be added.

MB Format 69

CUSTOMER COPY

Beckman Logistics LLC

One Racehorse Dr
East St Louis, IL 62205
ph.(618)646-5300 fax(618)646-5400

INVOICE NUMBER 769369
INVOICE DATE 12/23/2020

Customer : PERSPR

Bill To: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

Shipper: COLUMBIA QUARRY
100 Industrial Dr
Dupo, IL 62240

Consignee: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

MASTER #:C16PERSPR

Order	Del Date	Description	Bill Qty	Rate	Amount
9507734	12/14/2020	Ca16o 042 Chips			
9507734	12/14/2020	Delivery Charge			
9507734	12/14/2020	Material Per Ton	26.46	14.35 TON	$379.70
9507734	12/14/2020	Sales Tax Columbia & Dupo	26.46	11.50 TON	$304.29
			304.29	7.350 %	$22.37
		Reference Numbers			
		Bill of Lading # 1471676			
		Furnish & Deliver YES			
			Total for Order 9507734A:		$706.36
9508496	12/14/2020	Ca16o 042 Chips			
9508496	12/14/2020	Delivery Charge			
9508496	12/14/2020	Material Per Ton	25.88	14.35 TON	$371.38
9508496	12/14/2020	Sales Tax Columbia & Dupo	25.88	11.50 TON	$297.62
			297.62	7.350 %	$21.88
		Reference Numbers			
		Bill of Lading # 1471783			
		Furnish & Deliver YES			
			Total for Order 9508496A:		$690.88
9507736	12/14/2020	Ca16o 042 Chips			
9507736	12/14/2020	Delivery Charge			
9507736	12/14/2020	Material Per Ton	26.16	14.35 TON	$375.39
9507736	12/14/2020	Sales Tax Columbia & Dupo	26.16	11.50 TON	$300.84
			300.84	7.350 %	$22.11
		Reference Numbers			
		Bill of Lading # 1471811			
		Furnish & Deliver YES			
			Total for Order 9507736A:		$698.34
9508216	12/14/2020	Ca16o 042 Chips			
9508216	12/14/2020	Delivery Charge			
9508216	12/14/2020	Material Per Ton	25.91	14.35 TON	$371.81
9508216	12/14/2020	Sales Tax Columbia & Dupo	25.91	11.50 TON	$297.97
			297.97	7.350 %	$21.90
		Reference Numbers			
		Bill of Lading # 1471819			
		Furnish & Deliver YES			
			Total for Order 9508216A:		$691.68

TERMS:
All bills are due and payable 30 days from the invoice date. A service charge of 1.5% per month(18% annual) will be added on unpaid balance after due date. In the event legal action becomes necessary, reasonable attorney's fees and court costs will be added.

MB Format 69

CUSTOMER COPY

Beelman Logistics LLC

One Racehorse Dr
East St Louis, IL 62205
ph.(618)646-5300 fax(618)646-5400

INVOICE NUMBER 769369
INVOICE DATE 12/23/2020

Customer : PERSPR

Bill To: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

Shipper: COLUMBIA QUARRY
100 Industrial Dr
Dupo, IL 62240

Consignee: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

MASTER #: C16PERSPR

Order	Del Date	Description	Bill Qty	Rate	Amount
9508819	12/14/2020	Ca16o 042 Chips			
9508819	12/14/2020	Delivery Charge			
9508819	12/14/2020	Material Per Ton	26.08	14.35 TON	$374.25
9508819	12/14/2020	Sales Tax Columbia & Dupo	26.08	11.50 TON	$299.92
			299.92	7.350 %	$22.04
		Reference Numbers			
		Bill of Lading # 1471821			
		Furnish & Deliver YES			
			Total for Order 9508819A:		$696.21
9507733	12/14/2020	Ca16o 042 Chips			
9507733	12/14/2020	Delivery Charge			
9507733	12/14/2020	Material Per Ton	26.57	14.35 TON	$381.28
9507733	12/14/2020	Sales Tax Columbia & Dupo	26.57	11.50 TON	$305.56
			305.56	7.350 %	$22.46
		Reference Numbers			
		Bill of Lading # 1471823			
		Furnish & Deliver YES			
			Total for Order 9507733A:		$709.30
9507730	12/14/2020	Ca16o 042 Chips			
9507730	12/14/2020	Delivery Charge			
9507730	12/14/2020	Material Per Ton	26.12	14.35 TON	$374.82
9507730	12/14/2020	Sales Tax Columbia & Dupo	26.12	11.50 TON	$300.38
			300.38	7.350 %	$22.08
		Reference Numbers			
		Bill of Lading # 1471825			
		Furnish & Deliver YES			
			Total for Order 9507730A:		$697.28
9507732	12/14/2020	Ca16o 042 Chips			
9507732	12/14/2020	Delivery Charge			
9507732	12/14/2020	Material Per Ton	25.98	14.35 TON	$372.82
9507732	12/14/2020	Sales Tax Columbia & Dupo	25.98	11.50 TON	$298.77
			298.77	7.350 %	$21.96
		Reference Numbers			
		Bill of Lading # 1471857			
		Furnish & Deliver YES			
			Total for Order 9507732A:		$693.55

TERMS:
All bills are due and payable 30 days from the invoice date. A service charge of 1.5% per month(18% annual) will be added on unpaid balance after due date. In the event legal action becomes necessary, reasonable attorney's fees and court costs will be added.

MB Format 69

CUSTOMER COPY

Beckman Logistics LLC

One Racehorse Dr
East St Louis, IL 62205
ph.(618)646-5300 fax(618)646-5400

INVOICE NUMBER 769369
INVOICE DATE 12/23/2020

Customer : PERSPR

Bill To: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

Shipper: COLUMBIA QUARRY
100 Industrial Dr
Dupo, IL 62240

Consignee: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

MASTER #:C16PERSPR

Order	Del Date	Description	Bill Qty	Rate	Amount
9509031	12/14/2020	Ca16o 042 Chips			
9509031	12/14/2020	Delivery Charge	26.32	14.35 TON	$377.69
9509031	12/14/2020	Material Per Ton	26.32	11.50 TON	$302.68
9509031	12/14/2020	Sales Tax Columbia & Dupo	302.68	7.350 %	$22.25
		Reference Numbers Bill of Lading # 1471873 Furnish & Deliver YES			
			Total for Order 9509031A:		$702.62
9507843	12/14/2020	Ca16o 042 Chips			
9507843	12/14/2020	Delivery Charge	26.02	14.35 TON	$373.38
9507843	12/14/2020	Material Per Ton	26.02	11.50 TON	$299.23
9507843	12/14/2020	Sales Tax Columbia & Dupo	299.23	7.350 %	$21.99
		Reference Numbers Bill of Lading # 1471910 Furnish & Deliver YES			
			Total for Order 9507843A:		$694.60
9518000	12/18/2020	Ca16o 042 Chips			
9518000	12/18/2020	Delivery Charge	25.95	14.35 TON	$372.39
9518000	12/18/2020	Material Per Ton	25.95	11.50 TON	$298.43
9518000	12/18/2020	Sales Tax Columbia & Dupo	298.43	7.350 %	$21.93
		Reference Numbers Bill of Lading # 1472955 Furnish & Deliver YES			
			Total for Order 9518000A:		$692.75
9517978	12/18/2020	Ca16o 042 Chips			
9517978	12/18/2020	Delivery Charge	26.05	14.35 TON	$373.82
9517978	12/18/2020	Material Per Ton	26.05	11.50 TON	$299.58
9517978	12/18/2020	Sales Tax Columbia & Dupo	299.58	7.350 %	$22.02
		Reference Numbers Bill of Lading # 1472988 Furnish & Deliver YES			
			Total for Order 9517978A:		$695.42

TERMS:
All bills are due and payable 30 days from the invoice date. A service charge of 1.5% per month(18% annual) will be added on unpaid balance after due date. In the event legal action becomes necessary, reasonable attorney's fees and court costs will be added.

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CUSTOMER COPY

Beckman Logistics LLC

One Racehorse Dr
East St Louis, IL 62205
ph.(618)646-5300 fax(618)646-5400

INVOICE NUMBER 769369
INVOICE DATE 12/23/2020

Customer : PERSPR

Bill To: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

Shipper: COLUMBIA QUARRY
100 Industrial Dr
Dupo, IL 62240

Consignee: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

MASTER #:C16PERSPR

Order	Del Date	Description	Bill Qty	Rate	Amount
9517975	12/18/2020	Ca16o 042 Chips	26.09	14.35 TON	$374.39
9517975	12/18/2020	Delivery Charge	26.09	11.50 TON	$300.04
9517975	12/18/2020	Material Per Ton	300.04	7.350 %	$22.05
		Sales Tax Columbia & Dupo			
		Reference Numbers			
		Bill of Lading # 1473062			
		Furnish & Deliver YES			
			Total for Order 9517975A:		$696.48
9517999	12/18/2020	Ca16o 042 Chips	26.17	14.35 TON	$375.54
9517999	12/18/2020	Delivery Charge	26.17	11.50 TON	$300.96
9517999	12/18/2020	Material Per Ton	300.96	7.350 %	$22.12
9517999	12/18/2020	Sales Tax Columbia & Dupo			
		Reference Numbers			
		Bill of Lading # 1473085			
		Furnish & Deliver YES			
			Total for Order 9517999A:		$698.62
9518003	12/18/2020	Ca16o 042 Chips	25.92	14.35 TON	$371.95
9518003	12/18/2020	Delivery Charge	25.92	11.50 TON	$298.08
9518003	12/18/2020	Material Per Ton	298.08	7.350 %	$21.91
9518003	12/18/2020	Sales Tax Columbia & Dupo			
		Reference Numbers			
		Bill of Lading # 1473092			
		Furnish & Deliver YES			
			Total for Order 9518003A:		$691.94
9517996	12/18/2020	Ca16o 042 Chips	26.13	14.35 TON	$374.96
9517996	12/18/2020	Delivery Charge	26.13	11.50 TON	$300.50
9517996	12/18/2020	Material Per Ton	300.50	7.350 %	$22.09
9517996	12/18/2020	Sales Tax Columbia & Dupo			
		Reference Numbers			
		Bill of Lading # 1473094			
		Furnish & Deliver YES			
			Total for Order 9517996A:		$697.55

TERMS:
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MB Format 69

CUSTOMER COPY

Beelman Logistics LLC

One Racehorse Dr
East St Louis, IL 62205
ph.(618)646-5300 fax(618)646-5400

INVOICE NUMBER 769369
INVOICE DATE 12/23/2020

Customer : PERSPR

Bill To: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

Shipper: COLUMBIA QUARRY
100 Industrial Dr
Dupo, IL 62240

Consignee: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

MASTER #:C16PERSPR

Order	Del Date	Description	Bill Qty	Rate	Amount
9517976	12/18/2020	Ca16o 042 Chips			
9517976	12/18/2020	Delivery Charge	25.98	14.35 TON	$372.82
9517976	12/18/2020	Material Per Ton	25.98	11.50 TON	$298.77
9517976	12/18/2020	Sales Tax Columbia & Dupo	298.77	7.350 %	$21.96
		Reference Numbers Bill of Lading # 1473102 Furnish & Deliver YES			
			Total for Order 9517976A:		$693.55
9517972	12/18/2020	Ca16o 042 Chips			
9517972	12/18/2020	Delivery Charge	26.33	14.35 TON	$377.83
9517972	12/18/2020	Material Per Ton	26.33	11.50 TON	$302.80
9517972	12/18/2020	Sales Tax Columbia & Dupo	302.80	7.350 %	$22.26
		Reference Numbers Bill of Lading # 1473106 Furnish & Deliver YES			
			Total for Order 9517972A:		$702.89
9517993	12/18/2020	Ca16o 042 Chips			
9517993	12/18/2020	Delivery Charge	25.77	14.35 TON	$369.80
9517993	12/18/2020	Material Per Ton	25.77	11.50 TON	$296.36
9517993	12/18/2020	Sales Tax Columbia & Dupo	296.36	7.350 %	$21.78
		Reference Numbers Bill of Lading # 1473107 Furnish & Deliver YES			
			Total for Order 9517993A:		$687.94
9517997	12/18/2020	Ca16o 042 Chips			
9517997	12/18/2020	Delivery Charge	26.21	14.35 TON	$376.12
9517997	12/18/2020	Material Per Ton	26.21	11.50 TON	$301.42
9517997	12/18/2020	Sales Tax Columbia & Dupo	301.42	7.350 %	$22.15
		Reference Numbers Bill of Lading # 1473114 Furnish & Deliver YES			
			Total for Order 9517997A:		$699.69

TERMS:
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CUSTOMER COPY

Beelman Logistics LLC

One Racehorse Dr
East St Louis, IL 62205
ph.(618)646-5300 fax(618)646-5400

INVOICE NUMBER 769369
INVOICE DATE 12/23/2020

Customer : PERSPR

Bill To: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

Shipper: COLUMBIA QUARRY
100 Industrial Dr
Dupo, IL 62240

Consignee: PERRY ENVIRONMENTAL INC
960 Clocktower Drive Suite I
Springfield, IL 62704

MASTER #:C16PERSPR

Order	Del Date	Description	Bill Qty	Rate	Amount
9517994	12/18/2020	Ca16o 042 Chips			
9517994	12/18/2020	Delivery Charge	26.48	14.35 TON	$379.99
9517994	12/18/2020	Material Per Ton	26.48	11.50 TON	$304.52
9517994	12/18/2020	Sales Tax Columbia & Dupo	304.52	7.350 %	$22.38
		Reference Numbers			
		Bill of Lading # 1473115			
		Furnish & Deliver YES			
				Total for Order 9517994A:	$706.89
9517998	12/18/2020	Ca16o 042 Chips			
9517998	12/18/2020	Delivery Charge	26.00	14.35 TON	$373.10
9517998	12/18/2020	Material Per Ton	26.00	11.50 TON	$299.00
9517998	12/18/2020	Sales Tax Columbia & Dupo	299.00	7.350 %	$21.98
		Reference Numbers			
		Bill of Lading # 1473122			
		Furnish & Deliver YES			
				Total for Order 9517998A:	$694.08

Total # of Loads : 22
Total Weight : 574.58

Total Freight :	$8,245.23
Total FSC :	$0.00
Total Materials:	$6,607.72
Total Sales Tax:	$485.67
Total Misc:	$0.00
Grand Total :	**$15,338.62**

SEND REMITTANCE TO:
Beelman Logistics LLC
PO BOX 954389
ST. LOUIS, MO 63195-4389

TERMS:
All bills are due and payable 30 days from the invoice date. A service charge of 1.5% per month(18% annual) will be added on unpaid balance after due date. In the event legal action becomes necessary, reasonable attorney's fees and court costs will be added.

MB Format 69

CUSTOMER COPY

Buckhart Sand & Gravel Inc.
2300 North 16TH Street
Springfield, IL 62702
(217) 525-1752

Customer ID	Payment Terms
10012	NET 30 Days

BILL TO:
PERRY ENVIRONMENTAL
CLOCKTOWER DR.
SPRINGFIELD, IL 62704

INVOICE #	INVOICE DATE	BATCH #
18102	12/15/2020	BSG121520

PURCHASE ORDER:

ORDER DELIVERED TO:
QUIK N EZ
2800 PEORIA RD.

ORDER DESCRIPTION:
3863 - QUIK

Prior to 7/24

Ticket #	Truck ID	Date	Product	Net	Units	Mat Rate	Freight Rate	Amount
556173	FOSTER	12/8/2020	FA 6	14.25	Ton	$9.35	$0.00	$133.24
556174	FOSTER	12/8/2020	FA 6	14.10	Ton	$9.35	$0.00	$131.84
556182	FOSTER	12/8/2020	FA 6	14.05	Ton	$9.35	$0.00	$131.37
556190	FOSTER	12/8/2020	FA 6	14.10	Ton	$9.35	$0.00	$131.84
556206	FOSTER	12/8/2020	FA 6	14.50	Ton	$9.35	$0.00	$135.58
556294	FOSTER	12/9/2020	FA 6	13.10	Ton	$9.35	$0.00	$122.49
556308	FOSTER	12/9/2020	FA 6	14.30	Ton	$9.35	$0.00	$133.71
556389	DON27	12/11/2020	FA 6	18.10	Ton	$9.35	$0.00	$169.24
556392	DON26	12/11/2020	FA 6	22.10	Ton	$9.35	$0.00	$206.64
556393	DON59	12/11/2020	FA 6	20.50	Ton	$9.35	$0.00	$191.68
556394	FOSTER	12/11/2020	FA 6	14.05	Ton	$9.35	$0.00	$131.37
556395	DON54	12/11/2020	FA 6	19.90	Ton	$9.35	$0.00	$186.07
556397	DON27	12/11/2020	FA 6	18.40	Ton	$9.35	$0.00	$172.04
556399	DON26	12/11/2020	FA 6	22.75	Ton	$9.35	$0.00	$212.71
556401	DON59	12/11/2020	FA 6	19.95	Ton	$9.35	$0.00	$186.53
556403	FOSTER	12/11/2020	FA 6	13.90	Ton	$9.35	$0.00	$129.97
556406	DON54	12/11/2020	FA 6	21.15	Ton	$9.35	$0.00	$197.75
556422	DON26	12/11/2020	FA 6	21.85	Ton	$9.35	$0.00	$204.30
556423	DON54	12/11/2020	FA 6	18.70	Ton	$9.35	$0.00	$174.85
556427	FOSTER	12/11/2020	FA 6	14.90	Ton	$9.35	$0.00	$139.32
556429	DON27	12/11/2020	FA 6	21.20	Ton	$9.35	$0.00	$198.22
556432	DON59	12/11/2020	FA 6	20.60	Ton	$9.35	$0.00	$192.61
556435	DON26	12/11/2020	FA 6	21.45	Ton	$9.35	$0.00	$200.56
556436	DON54	12/11/2020	FA 6	18.70	Ton	$9.35	$0.00	$174.85
556440	FOSTER	12/11/2020	FA 6	15.20	Ton	$9.35	$0.00	$142.12

FA 6 / Buckhart Sand & Gravel / Buckhart Sand & Gravel: 441.80 Ton

Buckhart Sand & Gravel Inc.
2300 North 16TH Street
Springfield, IL 62702
(217) 525-1752

Customer ID	Payment Terms
10012	NET 30 Days

BILL TO:
PERRY ENVIRONMENTAL
CLOCKTOWER DR.
SPRINGFIELD, IL 62704

INVOICE #	INVOICE DATE	BATCH #
18102	12/15/2020	BSG121520

PURCHASE ORDER:

ORDER DELIVERED TO:
QUIK N EZ
2800 PEORIA RD.

ORDER DESCRIPTION:
3863 - QUIK

Ticket #	Truck ID	Date	Product	Net	Units	Mat Rate	Freight Rate	Amount

# OF TICKETS	TOTAL NET QUANTITY	MATERIAL AMOUNT	FREIGHT AMOUNT	SURCHARGE AMOUNT
25	441.80	$4,130.90	$0.00	$0.00

If you have any questions about billing please contact us. We appreciate your business!

SUBTOTAL	$4,130.90
TAX	$299.47
TOTAL	***$4,430.37***

71 TN Prior to EMR

(663.85)

3764.52

Buckhart Sand & Gravel Inc.
2300 North 16TH Street
Springfield, IL 62702
(217) 525-1752

Customer ID	Payment Terms
10012	NET 30 Days

BILL TO:
PERRY ENVIRONMENTAL
CLOCKTOWER DR.
SPRINGFIELD, IL 62704

INVOICE #	INVOICE DATE	BATCH #
18306	12/31/2020	BSG123120

PURCHASE ORDER:

ORDER DELIVERED TO:
QUIK N EZ
2800 PEORIA RD.

ORDER DESCRIPTION:
3863 - QUIK

Ticket #	Truck ID	Date	Product	Net	Units	Mat Rate	Freight Rate	Amount
556693	DON26	12/18/2020	FA 6	21.20	Ton	$9.35	$0.00	$198.22
556694	DON3	12/18/2020	FA 6	20.80	Ton	$9.35	$0.00	$194.48
556701	DON59	12/18/2020	FA 6	17.40	Ton	$9.35	$0.00	$162.69
556702	DON26	12/18/2020	FA 6	21.05	Ton	$9.35	$0.00	$196.82
556704	FOSTER	12/18/2020	FA 6	14.15	Ton	$9.35	$0.00	$132.30
556705	DON3	12/18/2020	FA 6	21.40	Ton	$9.35	$0.00	$200.09
556711	DON59	12/18/2020	FA 6	20.40	Ton	$9.35	$0.00	$190.74
556712	DON26	12/18/2020	FA 6	21.00	Ton	$9.35	$0.00	$196.35
556714	FOSTER	12/18/2020	FA 6	14.60	Ton	$9.35	$0.00	$136.51
556717	DON3	12/18/2020	FA 6	21.30	Ton	$9.35	$0.00	$199.16
556718	DON59	12/18/2020	FA 6	19.70	Ton	$9.35	$0.00	$184.20
556720	DON26	12/18/2020	FA 6	21.85	Ton	$9.35	$0.00	$204.30
556721	FOSTER	12/18/2020	FA 6	14.15	Ton	$9.35	$0.00	$132.30
556723	DON3	12/18/2020	FA 6	21.20	Ton	$9.35	$0.00	$198.22
556728	DON59	12/18/2020	FA 6	20.70	Ton	$9.35	$0.00	$193.55
556729	DON26	12/18/2020	FA 6	21.05	Ton	$9.35	$0.00	$196.82
556730	FOSTER	12/18/2020	FA 6	14.35	Ton	$9.35	$0.00	$134.17

FA 6 / Buckhart Sand & Gravel / Buckhart Sand & Gravel: 326.30 Ton

# OF TICKETS	TOTAL NET QUANTITY	MATERIAL AMOUNT	FREIGHT AMOUNT	SURCHARGE AMOUNT
17	326.30	$3,050.92	$0.00	$0.00

If you have any questions about billing please contact us. We appreciate your business!

SUBTOTAL	$3,050.92
TAX	$221.20
TOTAL	***$3,272.12***

F R E I G H T B I L L

DONLEY TRUCKING INC.
P.O.BOX 13
WILLIAMSVILLE,IL 62693

(217) 566-3561

Invoice # 61022
Date 01/11/21

Cust # PERENV

ICC. 154206
ILL. MC-CR 9519
FED. 37-1186385

PERRY ENVIRONMENTAL,INC.
960 CLOCKTOWER DRIVE
SPRINGFIELD, IL 62704

PAGE 1

This Invoice Covers The Following Dates 01/08/21 TO 01/08/21

Ticket #	Units	Type	Rate	Amount	Ticket #	Units	Type	Rate	Amount
Origin: INFO CORNER Destination: QUIK & EASY									
41383	17.300	TONS@	16.00	276.80	41384	17.200	TONS@	16.00	275.20
41385	16.600	TONS@	16.00	265.60	41386	16.850	TONS@	16.00	269.60
41387	16.150	TONS@	16.00	258.40					

Subtotal 1345.60

Total Before Tax 1345.60
Tax 0.00
Amount Due 1345.60

SubTotals CWT	Tons	Bushels	Hours	Gallons	Yards	Charges
0.0000	84.100	0.00	0.00	0	0.000	1345.60

Unit Totals:

CWT	Tons	Hours	Gallons	Yards	Miles	Trips
0.0000	84.100	0.00	0	0.000	0.00	5.00

Totals:

Hauling	Product	Additional
252.30	1093.30	0.00

Invoice Total ==> $ 1345.60

CUSTOMER IS RESPONSIBLE FOR ALL FEES,INCLUDING ATTORNEY FEES,IF ACCOUNT GOES INTO COLLECTIONS!

F R E I G H T B I L L

DONLEY TRUCKING INC.
P.O.BOX 13
WILLIAMSVILLE,IL 62693

(217) 566-3561

Invoice # 61014
Date 01/08/21

Cust # PERENV

ICC. 154206
ILL. MC-CR 9519
FED. 37-1186385

PERRY ENVIRONMENTAL,INC.
960 CLOCKTOWER DRIVE
SPRINGFIELD, IL 62704

PAGE 1

This Invoice Covers The Following Dates 01/08/21 TO 01/08/21

Ticket #	Units	Type	Rate	Amount	Ticket #	Units	Type	Rate	Amount
Origin: INFO CORNER			Destination: QUIK & EASY						
41549	18.550	TONS@	18.00	333.90	41550	17.150	TONS@	18.00	308.70

Subtotal 642.60

Total Before Tax 642.60
Tax 0.00
Amount Due 642.60

SubTotals CWT	Tons	Bushels	Hours	Gallons	Yards	Charges
0.0000	35.700	0.00	0.00	0	0.000	642.60

Unit Totals:

CWT	Tons	Hours	Gallons	Yards	Miles	Trips
0.0000	35.700	0.00	0	0.000	0.00	2.00

Totals:

Hauling	Product	Additional
80.68	561.92	0.00

Invoice Total ==> $ 642.60

CUSTOMER IS RESPONSIBLE FOR ALL FEES,INCLUDING ATTORNEY FEES,IF ACCOUNT GOES INTO COLLECTIONS!

Donley TRUCKING INC. P.O. Box 13 • Williamsville, IL 62693

No. 41385

Date 1-8-24

Customer Kerry End.

Delivered To Quick & Easy

Type of Material R CR6

Cost Per Ton

Carrier Donley 18

Tons	16.60
Cost	
Tax	
Total	

☐ Cash

☐ Charge

55700
22500
33200

Received By

Donley TRUCKING INC. P.O. Box 13 • Williamsville, IL 62693

No. 41383

Date 1-8-24

Customer Kerry End.

Delivered To Quick & EZ

Type of Material R CR6

Cost Per Ton

Carrier Donley 18

Tons	17.30
Cost	
Tax	
Total	

☐ Cash

☐ Charge

57100
22500
34600

Received By

Donley TRUCKING INC. P.O. Box 13 • Williamsville, IL 62693

No. 41386

Date 1-8-24

Customer Kerry Conn

Delivered To Quick EZ

Type of Material RCA6

Cost Per Ton

Carrier Donley 18

Tons	16.85
Cost	
Tax	
Total	

☐ Cash

☐ Charge

56200
22500
33700

Received By

Donley TRUCKING INC. P.O. Box 13 • Williamsville, IL 62693

No. 41384

Date 1-8-24

Customer Kerry Conn

Delivered To Quick EZ

Type of Material RCA6

Cost Per Ton

Carrier Donley 18

Tons	17.20
Cost	
Tax	
Total	

☐ Cash

☐ Charge

56900
22500
34400

Received By

Donley TRUCKING INC. P.O. Box 13 • Williamsville, IL 62693

No. 41387

Date 1-8-21

Customer Terry Env.

Delivered To Quick & EZ

Type of Material CA6

Cost Per Ton

Carrier Donley

Tons	16.15
Cost	
Tax	
Total	

☐ Cash

☐ Charge

54800
22500
32300

Received By

Donley TRUCKING INC. P.O. Box 13 • Williamsville, IL 62693

No. 41550

Date 1-8-21

Customer Terry Env.

Delivered To Quick EZ

Type of Material CA6

Cost Per Ton

Carrier Donley 18

Tons	17.15
Cost	
Tax	
Total	

☐ Cash

☐ Charge

56800
22500
34300

Received By

Donley TRUCKING INC. P.O. Box 13 • Williamsville, IL 62693

No. 41549

Date 7-8-20

Customer Terry Ent.

Delivered To Quik EZ

Type of Material CA6

Cost Per Ton

Carrier Donley 18

Tons	18.50
Cost	
Tax	
Total	

☐ Cash

☐ Charge

59600
22500
37100

Received By

Trucking Invoices for hauling Contaminated Soils to Landfill

F R E I G H T B I L L

DONLEY TRUCKING INC.
P.O.BOX 13
WILLIAMSVILLE,IL 62693

(217) 566-3561

Invoice # 60764
Date 12/11/20

Cust # PERENV

ICC. 154206
ILL. MC-CR 9519
FED. 37-1186385

PERRY ENVIRONMENTAL,INC.
960 CLOCKTOWER DRIVE
SPRINGFIELD, IL 62704

PAGE 1

This Invoice Covers The Following Dates 12/09/20 TO 12/09/20

Ticket/Date	Origin	Destination	Units	Charges
2985 12/09/20	QUIK & EASY	MERVIS IRON TANKS Hauled @	4.50 HOURLY 98.0000 Per Hour	441.00

SubTotals	CWT	Tons	Bushels	Hours	Gallons	Yards	Charges
	0.0000	0.000	0.00	4.50	0	0.000	441.00

Unit Totals:

CWT	Tons	Hours	Gallons	Yards	Miles	Trips
0.0000	0.000	4.50	0	0.000	0.00	1.00

Totals:

Hauling	Product	Additional
441.00	0.00	0.00

Invoice Total ==> $ 441.00

CUSTOMER IS RESPONSIBLE FOR ALL FEES,INCLUDING ATTORNEY FEES,IF ACCOUNT GOES INTO COLLECTIONS!

F R E I G H T B I L L

)ONLEY TRUCKING INC.
?.O.BOX 13
WILLIAMSVILLE,IL 62693

(217) 566-3561

Invoice # 60765
Date 12/11/20

Cust # PERENV

ICC. 154206
ILL. MC-CR 9519
FED. 37-1186385

PERRY ENVIRONMENTAL,INC.
960 CLOCKTOWER DRIVE
SPRINGFIELD, IL 62704

This Invoice Covers The Following Dates 12/10/20 TO 12/10/20

Ticket/Date	Origin	Destination	Units	Charges
3176 12/10/20	QUIK & EASY	SANGAMON VAL SG DIRT Hauled @	2.75 HOURLY 98.0000 Per Hour	269.50
3571 12/10/20	QUIK & EASY	SANGAMON VAL SG DIRT Hauled @	9.25 HOURLY 98.0000 Per Hour	906.50
3734. 12/10/20	QUIK & EASY	SANGAMON VAL SG DIRT Hauled @	8.75 HOURLY 98.0000 Per Hour	857.50
3735 12/10/20	QUIK & EASY	SANGAMON VAL SG DIRT Hauled @	9.00 HOURLY 98.0000 Per Hour	882.00
3577 12/10/20	QUIK & EASY	SANGAMON VAL SG DIRT Hauled @	6.50 HOURLY 98.0000 Per Hour	637.00

SubTotals	CWT-----	Tons------	Bushels-	Hours---	Gallons-	Yards---	Charges---
	0.0000	0.000	0.00	36.25	0	0.000	3552.50

Init Totals:

CWT------	Tons----------	Hours---	Gallons-	Yards---	Miles---	Trips---
0.0000	0.000	36.25	0	0.000	0.00	5.00

Totals:

Hauling	Product	Additional
3552.50	0.00	0.00

Invoice Total ==> $ 3552.50

CUSTOMER IS RESPONSIBLE FOR ALL FEES,INCLUDING ATTORNEY FEES,IF ACCOUNT GOES INTO COLLECTIONS!

F R E I G H T B I L L

DONLEY TRUCKING INC.
P.O.BOX 13
WILLIAMSVILLE,IL 62693

(217) 566-3561

Invoice # 60780
Date 12/14/20

Cust # PERENV

ICC. 154206
ILL. MC-CR 9519
FED. 37-1186385

PERRY ENVIRONMENTAL,INC.
960 CLOCKTOWER DRIVE
SPRINGFIELD, IL 62704

PAGE 1

This Invoice Covers The Following Dates 12/11/20 TO 12/11/20

Ticket/Date	Origin	Destination	Units	Charges
3201 12/11/20	QUIK & EASY	SANGAMON VAL SG DIRT Hauled @	7.00 HOURLY 98.0000 Per Hour	686.00
3736 12/11/20	QUIK & EASY	SANGAMON VAL SG DIRT Hauled @	6.75 HOURLY 98.0000 Per Hour	661.50
3737 12/11/20	QUIK & EASY	SANGAMON VAL SG DIRT Hauled @	7.25 HOURLY 98.0000 Per Hour	710.50
4578 12/11/20	QUIK & EASY	SANGAMON VAL SG DIRT Hauled @	6.50 HOURLY 98.0000 Per Hour	637.00

SubTotals	CWT	Tons	Bushels	Hours	Gallons	Yards	Charges
	0.0000	0.000	0.00	27.50	0	0.000	2695.00

Unit Totals:

CWT	Tons	Hours	Gallons	Yards	Miles	Trips
0.0000	0.000	27.50	0	0.000	0.00	4.00

Totals:

Hauling	Product	Additional
2695.00	0.00	0.00

Invoice Total ==> $ 2695.00

CUSTOMER IS RESPONSIBLE FOR ALL FEES,INCLUDING ATTORNEY FEES,IF ACCOUNT GOES INTO COLLECTIONS!

F R E I G H T B I L L

DONLEY TRUCKING INC.
P.O.BOX 13
WILLIAMSVILLE,IL 62693

(217) 566-3561

Invoice # 60859
Date 12/21/20

Cust # PERENV

ICC. 154206
ILL. MC-CR 9519
FED. 37-1186385

PERRY ENVIRONMENTAL,INC.
960 CLOCKTOWER DRIVE
SPRINGFIELD, IL 62704

PAGE 1

This Invoice Covers The Following Dates 12/18/20 TO 12/18/20

Ticket/Date	Origin	Destination	Units	Charges
3651 12/18/20	QUIK & EASY	SANGAMON VAL SG DIRT Hauled @	7.25 HOURLY 98.0000 Per Hour	710.50
3652 12/18/20	QUIK & EASY	SANGAMON VAL SG DIRT Hauled @	6.50 HOURLY 98.0000 Per Hour	637.00
3739 12/18/20	QUIK & EASY	SANGAMON VAL SG DIRT Hauled @	7.00 HOURLY 98.0000 Per Hour	686.00

SubTotals	CWT	Tons	Bushels	Hours	Gallons	Yards	Charges
	0.0000	0.000	0.00	20.75	0	0.000	2033.50

Unit Totals:

CWT	Tons	Hours	Gallons	Yards	Miles	Trips
0.0000	0.000	20.75	0	0.000	0.00	3.00

Totals:

Hauling	Product	Additional
2033.50	0.00	0.00

Invoice Total ==> $ 2033.50

CUSTOMER IS RESPONSIBLE FOR ALL FEES,INCLUDING ATTORNEY FEES,IF ACCOUNT GOES INTO COLLECTIONS!

FOSTER TRUCKING
6937 THAYER RD.
AUBURN, IL 62615

217-965-4405 HOME
217-899-7740 CELL -CHUCK

DATE 12-27-20
INVOICE #1

Bill to;

Kerry Environmental
950 Clocktower Dr. Suite 1
Spfld. Il. 62704

PAY ON RECEIPT

Prior to IEMA

DATE	TR.	JOB	MATERIAL	RATE	HRS.	AMT.
12-8-20	Foster #3 Tandem	Oak NE 2800 Peoria Rd Spfld,	Sand (#3419)	$85.00	7.25	$616.25
12-9-20	"	"	Dirt (#3420)	$85.00	2.50	$212.50
12-10-20	"	"	Dirt/Sand (#3421)	$85.00	9.0	$765.00
12-11-20	"	"	Dirt/Sand (#3422)	$85.00	8.0	$680.00
12-18-20	"	"	Dirt/Sand (#3423)	$85.00	8.0	$680.00

total $ ~~2,953.75~~
2,337.50

Pay within 30 days or 2% int
added - 24%

UST Removal and Abandonment Costs Form

Product Stored in UST	Size (gallons)	Abandoned or Removed	Cost ($)	Did UST have a release?
Diesel Fuel	10,000	Abandoned	$4,225.47	Yes ☑ No ☐
Gasoline	10,000	Removed	$4,225.47	Yes ☐ No ☐
E-85	8,000	Removed	$4,225.47	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐
			$0.00	Yes ☐ No ☐

Total UST Removal and Abandonment Costs:	$12,676.41

Need info

Paving, Demolition, and Well Abandonment Costs Form

A. Concrete and Asphalt Placement/Replacement

Number of Square Feet	Asphalt or Concrete	Thickness (inches)	Cost ($) per Square Foot	Replacement or Placement for an Engineered Barrier	Total Cost
3,315	Concrete	5	$5.090497738	Replacement	$16,875.00
			$0.00		$0.00
			$0.00		$0.00
			$0.00		$0.00
			$0.00		$0.00
			$0.00		$0.00
			$0.00		$0.00
			$0.00		$0.00
			$0.00		$0.00
			$0.00		$0.00

Total Concrete and Asphalt Placement/Replacement Costs:	**$16,875.00**

B. Building Destruction or Dismantling and Canopy Removal

Item to Be Destroyed, Dismantled, or Removed	Unit Cost ($)	Total Cost

Total Building Destruction or Dismantling and Canopy Removal Costs:	**$0.00**

Dec info

Paving, Demolition, and Well Abandonment Costs Form

C. Well Abandonment

Monitoring Well ID #	Type of Well (HSA / PUSH / Recovery)	Depth of Well (feet)	Cost ($) per Foot	Total Cost
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00

Total Monitoring Well Abandonment Costs:	**$0.00**
Total Paving, Demolition, and Well Abandonment Costs:	**$16,875.00**

Consulting Personnel Costs Form

Employee Name	Personnel Title	Hours	Rate ($)	Total Cost
Remediation Category	**Task**			
	Prior AO			
G.T. Rowe	Engineer III	~~36.25~~ 16.25	$134.12	$4,861.85
CCA-Field	Soil Remediation - Prep / Travel / In-Field Coordination / Oversight / Site Restoration			
C. Rowe	Senior Project Manager	~~0.5~~	$134.12	$67.06
CCA-Field	Soil Remediation - Documentation Prior			
			$0.00	$0.00
			$0.00	$0.00
Green Wave Consulting	Senior Project Manager	6.5	$134.14	$871.91
CCAP-Budget	CA Budget - Budget Development, Review Invoices and EA Reimbursement to Determine CA Costs, Writing, Attachments			
Green Wave Consulting	Senior Prof. Engineer	1.5	$174.38	$261.57
CCAP-Budget	CA Budget - Final Review & Certification			
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
			$0.00	$0.00
	Total of Consulting Personnel Costs:			**$6,062.39**

Consultant's Materials Costs Form

Materials, Equipment or Field Purchase	Time or Amount Used	Rate ($)	Unit	Total Cost
Remediation Category	**Description/Justification**			
Photoionization Detector	2	$75.00	Day	$150.00
CCA-Field	CA Soil Remediation Near Former USTs - Soil Screening (12/7/2020, 12/8/2020)			
Field Vehicle Mileage	100	$0.575	Mile	$57.50
CCA-Field	Mileage to/from Site for CA Soil Remediation Near Former USTs - 25 miles/RT (12/14/2020, 12/16 thru 18/2020)			
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
Total of Consultant Materials Costs:				**$207.50**

Women and Minority Business Enterprises Form

The Illinois EPA is required to report State and federal funds paid to Women Business Enterprises (WBE) and Minority Business Enterprises (MBE). Therefore, please provide the required information for all Prime Consultants/Contractors and Subcontractors used to perform the work for this billing:

Name of Leaking UST site: Qik-N-EZ Incident No. 902733, 942157, 961540, 991895, 20201063

This work for this billing was performed from 12/1/2020 to 7/31/2022

Prime Consultant: CWM Company, Inc.

FIRM'S NAME, ADDRESS, AND TELEPHONE NUMBER	IS THIS FIRM A WBE OR MBE?	IF WBE OR MBE, WHAT IS ITS STATE OF ILLINOIS VENDOR NUMBER?	AMOUNT PAID OR DUE THIS BILLING ($)
CWM Company, Inc. 701 South Grand Avenue West Springfield, Illinois 62704 217-522-8001	No		$5,136.41
Green Wave Consulting, LLC 4440 Ash Grove Drive, Suite A Springfield, Illinois 62711 217-726-7569			$1,133.48
Suburban Laboratories, Inc. 1950 South Batavia Avenue, Suite 150 Geneva, Illinois 60134			$3,162.83
Perry Environmental, Inc. 960 Clocktower Drive, Suite I Springfield, Illinois 62704			$100,338.14

Billing Total $109,770.86

This Illinois EPA is authorized to request this information under the Environmental Protection Act, 415 ILCS 5/1 et seq. (formerly Ill. Rev. Stat. Ch 111-1/2, 1001 et seq.). Disclosure of this information is required. Failure to properly complete this form in its entirety may result in the delay or denial of any payment requested hereunder. This form has been approved by the Forms Management Center.

GREEN WAVE CONSULTING, LLC

INVOICE

July 29, 2022

Bill To: **Chronister Oil Company, Inc.**
2026 North Republic Street
Springfield, Illinois 62702

Project #: **370**
Invoice #: **1783**

Project Name: **Qik N EZ - Peoria Road**
Project Phase: **Corrective Action**

RE: CA Budget Amendment

Professional Services Due:

1.	Drilling and Monitoring Well Costs	$	-
2.	Analytical Costs	$	-
3.	Remediation and Disposal Costs	$	-
4.	UST Removal and Abandonment Costs	$	-
5.	Paving, Demolition and Well Abandonment Costs	$	-
6.	Consulting Fees -- Personnel	$	1,133.48
7.	Consulting Fees -- Materials	$	-
8.	Handling Charges	$	-
PROFESSIONAL SERVICES DUE		**$**	**1,133.48**

Remit Payment to: Green Wave Consulting, LLC
4440 Ash Grove Drive, Suite A
Springfield, Illinois 62711

TERMS PAYABLE UPON RECEIPT OF LUST FUND REIMBURSEMENT

Personnel Stage Work Sheet

Company : Green Wave Consulting, LLC
Job Name : Qik-N-EZ - Peoria Road
Incident Number :

Employee	Personnel Title	Description	Date	Start	Stop	Hours
CCAP-Budget	*BA for CA Dig around USTs*					
Wolfe, Shawn	Senior Project Manager	Prep/Writing/Attachments	3/8/22	15:45	17:15	1.50
Wolfe, Shawn	Senior Project Manager	Prep/Writing/Attachments	3/9/22	8:15	13:15	5.00
Wienhoff, Jeff	Senior Professional Engineer	Final Review/Certification	3/21/22	16:00	17:30	1.50

CW M Company

Environmental Consulting Services

400 W. Jackson Street, Suite C
Marion, IL 62959
618/997-2238

701 W. South Grand
Springfield, IL 62704
217/522-8001

Project Work Summary for: **Qik-n-Ez 1996-1540 Peoria Road Springfield** *For the Month of:* **December 2020**

Date of Work Start	End	Employee	Position	Type of Work	Hourly Rate	Hours Worked	Labor Subtotal	Expenses
Sunday, December 6, 2020								
10:00	13:00	Rowe, G.T.	Engineer III 7/2020	01 Mobilization	$134.12	3.00	$402.36	$0.00
Monday, December 7, 2020								
9:30	10:00	Rowe, C.L.	Senior Project Manager 7/1/20	24 Documentation	$134.12	0.50	$67.06	$0.00
0:00	0:00	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	0.00	$0.00	$75.00
6:30	15:00	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	8.50	$1,140.02	$14.50
Tuesday, December 8, 2020								
0:00	0:00	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	0.00	$0.00	$75.00
6:30	15:00	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	8.50	$1,140.02	$14.50
Wednesday, December 9, 2020								
0:00	0:00	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	0.00	$0.00	$0.00
6:30	17:00	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	10.50	$1,408.26	$14.50
Thursday, December 10, 2020								
0:00	0:00	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	0.00	$0.00	$75.00
6:00	16:00	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	10.00	$1,341.20	$14.50
Friday, December 11, 2020								
0:00	0:00	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	0.00	$0.00	$75.00
6:00	15:30	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	9.50	$1,274.14	$14.50
Monday, December 14, 2020								
16:30	16:45	Rowe, C.L.	Senior Project Manager 7/1/20	24 Documentation	$134.12	0.25	$33.53	$0.00

000665

CW M Company

Environmental Consulting Services

400 W. Jackson Street, Suite C
Marion, IL 62959
618/997-2238

701 W. South Grand
Springfield, IL 62704
217/522-8001

Project Work Summary for: **Qik-n-Ez 1996-1540 Peoria Road Springfield** *For the Month of:* **December 2020**

Date of Work Start	End	Employee	Position	Type of Work	Hourly Rate	Hours Worked	Labor Subtotal	Expenses
7:00	12:00	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	5.00	$670.60	$14.50
Tuesday, December 15, 2020								
9:45	10:15	Rowe, C.L.	Senior Project Manager 7/1/20	108: S.A. Field Report	$134.12	0.50	$67.06	$0.00
Wednesday, December 16, 2020								
10:00	13:00	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	3.00	$402.36	$14.50
Thursday, December 17, 2020								
8:00	13:00	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	5.00	$670.60	$14.50
13:30	15:30	Saladino, M.J.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	2.00	$268.24	$0.00
Friday, December 18, 2020								
6:45	12:30	Rowe, G.T.	Engineer III 7/2020	203: C.A. Field Oversite Corrective Action	$134.12	5.75	$771.19	$14.50
13:30	15:00	Saladino, M.J.	Engineer III 7/2020	22 Plan and Budget	$134.12	1.50	$201.18	$0.00
Monday, December 21, 2020								
13:30	17:00	Saladino, M.J.	Engineer III 7/2020	22 Plan and Budget	$134.12	3.50	$469.42	$0.00
Tuesday, December 22, 2020								
7:30	11:00	Saladino, M.J.	Engineer III 7/2020	22 Plan and Budget	$134.12	3.50	$469.42	$0.00
Wednesday, December 23, 2020								
9:30	13:00	Saladino, M.J.	Engineer III 7/2020	22 Plan and Budget	$134.12	3.50	$469.42	$0.00
Wednesday, December 30, 2020								
7:30	9:45	Saladino, M.J.	Engineer III 7/2020	22 Plan and Budget	$134.12	2.25	$301.77	$0.00

CW M Company

Environmental Consulting Services

400 W. Jackson Street, Suite C
Marion, IL 62959
618/997-2238

701 W. South Grand
Springfield, IL 62704
217/522-8001

Project Work Summary for: **Qik-n-Ez 1996-1540 Peoria Road Springfield**

For the Month of: **December 2020**

Date of Work Start	End	Employee	Position	Type of Work	Hourly Rate	Hours Worked	Labor Subtotal	Expenses
				Line Item Totals:		86.25	$11,567.85	$430.50

Total project charges for month: $11,998.35

CW M Company

Environmental Consulting Services

400 W. Jackson Street, Suite C
Marion, IL 62959
618/997-2238

701 W. South Grand
Springfield, IL 62704
217/522-8001

Project Expenses for: **Qik-n-Ez 1996-1540 Peoria Road Springfield** **December 2020**

Date	Description of Expense	Comment	Phase Code	Quantity	Rate	Expenditure	Field Purchase
December 7, 2020	PID		8 Non-LUST 6 C	1.00	$75.000	$75.00	☐
December 7, 2020	Mileage $0.58	RT/Local	8 Non-LUST 6 C	25.00	$0.580	$14.50	☐
December 8, 2020	PID		8 Non-LUST 6 C	1.00	$75.000	$75.00	☐
December 8, 2020	Mileage $0.58	RT/Local	8 Non-LUST 6 C	25.00	$0.580	$14.50	☐
December 9, 2020	PID		8 Non-LUST 6 C	0.00	$75.000	$0.00	☐
December 9, 2020	Mileage $0.58	Local/RT	8 Non-LUST 6 C	25.00	$0.580	$14.50	☐
December 10, 2020	PID		8 Non-LUST 6 C	1.00	$75.000	$75.00	☐
December 10, 2020	Mileage $0.58	Local/RT	8 Non-LUST 6 C	25.00	$0.580	$14.50	☐
December 11, 2020	Mileage $0.58	Local/RT	8 Non-LUST 6 C	25.00	$0.580	$14.50	☐
December 11, 2020	PID		8 Non-LUST 6 C	1.00	$75.000	$75.00	☐
December 14, 2020	Mileage $0.58	RT/Local	8 Non-LUST 6 C	25.00	$0.580	$14.50	☐
December 16, 2020	Mileage $0.58	RT/Local	8 Non-LUST 6 C	25.00	$0.580	$14.50	☐
December 17, 2020	Mileage $0.58	RT/Local	8 Non-LUST 6 C	25.00	$0.580	$14.50	☐
December 18, 2020	Mileage $0.58	RT/Local	8 Non-LUST 6 C	25.00	$0.580	$14.50	☐
					Phase Total:	$430.50	

000668

SUBURBAN LABORATORIES, Inc.

INVOICE

FEIN # 36-2695636

1950 S. Batavia Ave., Suite 150 Geneva, Illinois 60134
Tel. (708) 544-3260 • Toll Free (800) 783-LABS
Fax (708) 544-8587
www.suburbanlabs.com

Remit To: Suburban Laboratories, Inc.
1950 S. Batavia Ave., Suite 150
Geneva, IL 60134
Phone: 708-544-3260 Fax: 708-544-8587

Invoice#: 183520
Invoice Date: 12/21/2020

Terms: NET90
Invoice Due: 3/21/2021

Carol Rowe
ACCOUNTS PAYABLE
CWM Company, Inc
701 West South Grand
Springfield, IL 62704

Priority: Routine
PO:
Report To: Carol Rowe
Fax: (217) 522-8009
Project: QnE Peoria Road Springfield

Work Order: 2012B72 Date Received: 12/14/2020

Item Description	Matrix	Remarks	Qty	Unit Price	% Disc.	Net Price	Total
BTEX in Soil	Soil	19-20	4	$111.78			$447.12
BTEX + MTBE Solid	Soil	July 2019 - June 2020	2	$111.78			$223.56
PNAs by 8270 SIM	Soil	July 2019 - June 2020	2	$199.90			$399.80

Miscellaneous Charge Summary

Item	Unit	Qty	Total
Shipping & Handling	$65.76	1	$65.76
5035 Sampling Kit	$13.15	6	$78.90

Sub Total:	$1,070.48
Misc. Charges:	$144.66
Surcharge:	0.00%
INVOICE Total:	$1,215.14
Pre-Paid Amount:	$0.00
Total Payable Amount:	$1,215.14

Comments: Terms per signed agreement

RECEIVED
DEC 2 1 2020
BY: CR

Entire Invoice pd to CWM
Claim # 961540-72659

Illinois Department of Public Health Accredited #17585

Illinois Environmental Protection Agency Accredited #100225

SUBURBAN LABORATORIES, Inc.

INVOICE

FEIN # 36-2695636

1950 S. Batavia Ave., Suite 150 Geneva, Illinois 60134
Tel. (708) 544-3260 • Toll Free (800) 783-LABS
Fax (708) 544-8587
www.suburbanlabs.com

Remit To: Suburban Laboratories, Inc.
1950 S. Batavia Ave., Suite 150
Geneva, IL 60134
Phone: 708-544-3260 Fax: 708-544-8587

Invoice#: 183521
Invoice Date: 12/21/2020

Terms: NET90
Invoice Due: 3/21/2021

Carol Rowe
ACCOUNTS PAYABLE
CWM Company, Inc
701 West South Grand
Springfield, IL 62704

Priority: Routine
PO:
Report To: Carol Rowe
Fax: (217) 522-8009
Project: Q E Peoria Road

Work Order: 2012B92 Date Received: 12/14/2020

Item Description	Matrix	Remarks	Qty	Unit Price	% Disc.	Net Price	Total
BTEX + MTBE Solid	Soil	July 2019 - June 2020	20	$111.78			$2,235.60
PNAs by 8270 SIM	Soil	July 2019 - June 2020	20	$199.90			$3,998.00

Miscellaneous Charge Summary

Item	Unit	Qty	Total
Shipping & Handling	$65.76	1	$65.76
5035 Sampling Kit	$13.15	1	$13.15

Sub Total:	$6,233.60
Misc. Charges:	$78.91
Surcharge:	0.00%
INVOICE Total:	$6,312.51
Pre-Paid Amount:	$0.00
Total Payable Amount:	$6,312.51

Comments: Terms per signed agreement

RECEIVED
DEC 21 2020
BY: CK

Entire invoice Pd to CWM
Claim# 2000106 3-728 35

* Denied a second time in claim
# 2000106 3-728 59

Illinois Department of Public Health Accredited #17585

Illinois Environmental Protection Agency Accredited #100225

000670

Perry Environmental, Inc.

960 Clocktower Dr, Suite I
Springfield, IL 62704

Phone # (217) 546-0702

Invoice

Date	Invoice #
1/11/2021	2475

Bill To Client
Chronister Oil Company 2026 N. Republic Springfield, IL 62702

Project Name	Project Number
Qik-n-EZ	20-1014

Quantity	Description	Rate	Amount
	Complete tank contracting services for Qik-n-EZ located at 2800 Peoria Road in Springfield, IL.		
1	Labor, materials, and equipment provided to install 3 new 10,000 gallon USTs, deadmen, strap down tanks, install sumps and double wall piping, etc. per agreement.	79,862.21	79,862.21
1	Install new non-reinforced concrete pavement over new tanks and where soil was over excavated	16,875.00	16,875.00
102.5	Additional backfill materials to purchase, transport, and place due to the over excavation for removing the contaminated soils (per ton)	25.00	2,562.50

Thank you for your business.

Total $99,299.71

Concrete Replacement Subcontractor Invoice

Langheim Concrete Service, Inc.

P.O. Box 297
Pawnee, IL 62558

Invoice

Date	Invoice #
1/12/2021	10463

Bill To	Ship To
Perry Environmental, Inc. 960 Clocktower Dr. Suite 1 Springfield, Il. 62704	

P.O. Number	Terms	Ship	Via	F.O.B.	Project
Qik-N-Easy		1/12/2021			

Quantity	Description	Amount
	Set-up and Pour: 1,000 SqFt of 8" 12' x 45' x 4" Total Labor & Material to do the work as described above	10,700.00

Phone #	Fax #	E-mail
217-625-7779	217-625-7179	langheimconcrete@hotmail.com

Total	$10,700.00
Payments/Credits	$0.00
Balance Due	$10,700.00

Can not guarantee against cracking or scaling.

Account due and payable 30 days from date of delivery. In the event the claim is not paid at maturity, I or we agree to pay full attorney fees and or collection costs incurred in the collection of this account. I or we further agree that our account will be charged with a 2 1/2% carrying charge per month on past due accounts which is an annual rate of 30%.

Owner/Operator and Licensed Professional Engineer/Geologist Billing Certification Form

Under penalty of perjury as defined in Section 32-2 of the Criminal Code of 1961 [720 ILCS 5/32-2], I certify to the following:

- The bills in the attached application for payment are for performing corrective action activities associated with Incident # 20201063 reported for the Leaking Underground Storage Tank site located at Address: 2800 North Peoria Road City: Springfield State: Illinois Zip: 62702
- The bills are for the billing period December 1, 2020 through 3/31/22 and were incurred in conformance with the Environmental Protection Act and 35 Ill. Adm. Code 731, 732, or 734.
- The attached application for payment and all documents submitted with it were prepared under the supervison of the licensed professional engineer or licensed professional geologist and the owner and/or opertor whose signatures are set forth below and in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information provided. The information in the attached application for payment is, to the best of my knowledge and belief, true, accurate, and complete.
- The costs for remediating the above-listed incident are correct, are reasonable, and if applicable, were determined in accordance with Subpart H: Maximum Payment Amounts, Appendix D Sample Handling and Analysis amounts, and Appendix E Personnel Titles and Rates of 35 Ill. Adm. Code 732 or 734.
- I am aware there are significant penalties for submitting false statements or representations to the Illinois EPA, including but not limited to fines, imprisonment, or both as provided in Section 44 of the Environmental Protection Act [415 ILCS 5/44] and Section 32-2 of the Criminal Code of 1961 [720 ILCS 5/32-2].

Owner/Operator: Chronister Oil Company

Authorized Representative: Amy Ridley

Address: 2026 North Republic Street Phone:

City: Springfield State: Illinois Zip: 62702

Signature: Date: July 3, 2023

Subscribed and sworn to before me the 3rd day of July, 2023

Seal: OFFICIAL SEAL J WIENHOFF NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES JUL 5, 2026

(Notary Public)

L.P.E./L.P.G. Jeff Wienhoff L.P.E./L.P.G. Seal: JEFFREY R. WIENHOFF 062-058441 LICENSED PROFESSIONAL ENGINEER OF ILLINOIS

L.P.E./L.P.G. Illinois Registration No.: 062-058441

L.P.E./L.P.G. Registration Expiration Date: November 30, 2023

Company Name: Green Wave Consulting, LLC

Address: 4440 Ash Grove Drive, Suite A Phone: (217) 726-7360

City: Springfield State: Illinois Zip: 62711

L.P.E./L.P.G. Signature: Date: 7/3/23

Subscribed and sworn to before me the 3rd day of July, 2023

Seal: OFFICIAL SEAL D. Eggleston NOTARY PUBLIC, STATE OF ILLINOIS My Commission Expires 5/5/2026

(Notary Public)

*For a corporation, a principal executive officer of at least the level of vice president, or a person authorized by a resolution of the board of directors to sign the applicable document if a copy of the resolution, certified as a true copy by the secretary of the corporation, is submited with the document.

Payment Certification Form

This certification must be included with every application for payment from the UST Fund.

I, Amy Ridley the owner or operator of the Leaking UST(s) for which this application for payment is being submitted, certify that $109,770.86 is the amount being sought in this application for payment, $58,145.13 has already been paid from the Fund for this occurrence, and $26,778.19 has been sent to the Illinois EPA for payment for this occurrence but has not yet been paid. I further certify that the number of petroleum USTs in Illinois presently owned or operated by the owner or operator, any subsidiary, parent or joint stock company of the owner or operator, and any company owned by any parent, subsidiary or joint stock company of the owner or operator is (check one):

Fewer than 101 ☑ 101 or more ☐

Except for applications for payment associated with Early Action, I certify that a plan for the work included in this application for payment was approved by the Illinois EPA on 7/22/2022; except for applications for payment associated with to 35 Il. Adm. Code 731, certify that a budget for the work included in this application for payment was approved by the Illinois EPA on 7/22/2022 and certify that the amount sought for payment was expended in conformance with the approved budget and approved plan. I further certify that, if the costs included in this application for payment are approved for payment, the following limitations will not be exceeded:

1. Payment will not result in the owner or operator receiving payment of corrective action costs or indemnification costs from the Fund for more than $1,000,000 per occurrence for sites subject to 35 Ill. Adm. Code 731 or 732. (OR) Payment will not result in the owner or operator receiving payment of corrective action costs or indemnification costs from the Fund for more than $1,500,000 per occurrence for sites subject to 35 Ill. Adm. Code 734.
2. Payment will not result in the owner or operator receiving payment of corrective action costs or indemnification costs from the Fund incurred during a calendar year in excess of the following amounts:

   For costs incurred in calendar years prior to 2002:
   $1,000,000, if fewer than 101 tanks are owned or operated in Illinois.
   $2,000,000, if 101 or more tanks are owned or operated in Illinois.

   For costs incurred in calendar years 2002 and later:
   $2,000,000, if fewer than 101 tanks are owned or operated in Illinois.
   $3,000,000, if 101 or more tanks are owned or operated in Illinois.

Owner/Operator Name: Chronister Oil Company, Inc.

Authorized Representative: Amy Ridley Title: President

Signature _____ Date: July 3, 2023

Subscribed and sworn to before me the 3rd day of July, 2023

(This certification must be notarized when the certification is signed.)

Seal:

OFFICIAL SEAL
J WIENHOFF
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES APRIL 5, 2026

_____ (Notary Public)

*For a corporation, a principal executive officer of at least the level of vice president, or a person authorized by a resolution of the board of directors to sign the applicable document if a copy of the resolution, certified as a true copy by the secretary of the corporation, is submitted with the document.

Private Insurance Coverage Questionnaire

This form must be completed in full by all owners or operators, or their authorized representatives, that have a claim for payment from the State of Illinois Underground Storage Tank Fund for the labor, materials, overhead, and profit costs related to the investigation and/or remediation of a Leaking UST site.

1. Site Name: Chronister Oil Company, Inc.
   Address: 2800 North Peoria Road
   City: Springfield State: Illinois Zip: 62702

2. Name of insurance company providing coverage for this Leaking UST site:
   None

3. Amount of Coverage Provided: None

4. Have you or your firm filed a claim against your insurance company for this Leaking UST site?
   Yes ☐ No ☑
   a. If yes, how much is the claim? _____
   b. If no, explain why. No Insurance

5. Have you or your firm received payment for a claim against your insurance company for this Leaking UST site?
   Yes ☐ No ☑
   a. If yes, how much and when? _____
   Date: _____
   b. If no, explain why. No Insurance

6. Are you going to file a claim against your insurance policy?
   Yes ☐ No ☑
   a. If yes, how much and when? _____
   Date: _____
   b. If no, explain why. No Insurance

This Illinois EPA is authorized to request this information under the Environmental Protection Act, 415 ILCS 5/1 et seq. (formerly Ill. Rev. Stat. Ch 111-1/2, 1001 et seq.). Disclosure of this information is required. Failure to properly complete this form in its entirety may result in the delay or denial of any payment requested hereunder. This form has been approved by the Forms Management Center.

Private Insurance Affidavit

I, Amy Ridley, a duly authorized representative of Chronister Oil Company, Inc., (owner/operator or firm's name) hereby certify that Chronister Oil Company, Inc. (does/does not) does not have private insurance coverage for all or part of the costs related to claim for payment of Chronister Oil Company, Inc. (owner/operator or firm's name) investigation or remediation costs for work performed at Chronister Oil Company (site name) located at 2800 North Peoria Road, Springfield, Illinois 62702, (address)

I, Amy Ridley (name), President (title) of Chronister Oil Company, Inc. (owner/operator or firm's name),

certify that, as of this date, the above information is accurate and complete. Furthermore, I also agree to reimburse the Illinois EPA for any overpayment made by my private insurance company in excess of the deductible amount for each site.

Owner/Operator: Amy Ridley Title: President

Signature: [signature] Date: July 3, 2023

Subscribed and sworn to before me the 3RD day of July, 2023

[signature]
(Notary Public)

Seal:

OFFICIAL SEAL
J WIENHOFF
NOTARY PUBLIC, STATE OF ILLINOIS
MY COMMISSION EXPIRES APRIL 5, 2026

The Illinois EPA is authorized to require this information under 415 ILCS 5/1. Disclosure of this information is required. Failure to do so may result in the delay or denial of any budget or payment requested hereunder. This form has been approved by the Forms Management Center.

Form **W-9**
(Rev. October 2018)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

▶ Go to *www.irs.gov/FormW9* for instructions and the latest information.

Give Form to the requester. Do not send to the IRS.

Print or type. See Specific Instructions on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.
Chronister Oil Company Inc.

2 Business name/disregarded entity name, if different from above

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.

☐ Individual/sole proprietor or single-member LLC ☐ C Corporation ☒ S Corporation ☐ Partnership ☐ Trust/estate

☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____

Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.

☐ Other (see instructions) ▶

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any) _____

Exemption from FATCA reporting code (if any) _____

(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.) See instructions.
2026 N. Republic

Requester's name and address (optional)

6 City, state, and ZIP code
Springfield IL 62702

7 List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number
___ - ___ - ____

or

Employer identification number
37 - 0901169

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here Signature of U.S. person ▶ _____ Date ▶ 2/8/22

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to *www.irs.gov/FormW9*.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, *later.*

8/3/2021

Chronister Oil Company
2026 Republic Street
Springfield, IL 62702

In Re: Facility No. 5013134
IEMA Incident No. 20201063
Qik-N-EZ
2800 Peoria Road
Springfield, Sangamon, IL 62702

Dear Applicant:

The Reimbursement Eligibility and Deductible Application received on August 02, 2021 for the above referenced occurrence has been reviewed. The following determinations have been made based upon this review.

It has been determined that you are eligible to seek payment of costs in excess of $5,000. The costs must be in response to the occurrence referenced above and associated with the following tanks:

Eligible Tanks

Tank 1 10000 gallon Diesel Fuel
Tank 2 10000 gallon Gasoline
Tank 3 8000 gallon E-85

You must contact the Illinois Environmental Protection Agency to receive a packet of Agency billing forms for submitting your request for payment.

An owner or operator is eligible to access the Underground Storage Tank Fund if the eligibility requirements are satisfied:

1. Neither the owner nor the operator is the United States Government,
2. The tank does not contain fuel which is exempt from the Motor Fuel Tax Law,
3. The costs were incurred as a result of a confirmed release of any of the following substances:

   "Fuel", as defined in Section 1.19 of the Motor Fuel Tax Law

   Aviation fuel

   Heating oil

   Kerosene

   Used oil, which has been refined from crude oil used in a motor vehicle, as defined in Section 1.3 of the Motor Fuel Tax Law.
4. The owner or operator registered the tank and paid all fees in accordance with the statutory and regulatory requirements of the Gasoline Storage Act.
5. The owner or operator notified the Illinois Emergency Management Agency of a confirmed release, the costs were incurred after the notification and the costs were a result of a release of a substance listed in this Section. Costs of corrective action or indemnification incurred before providing that notification shall not be eligible for payment.
6. The costs have not already been paid to the owner or operator under a private insurance policy, other written agreement, or court order.
7. The costs were associated with "corrective action"

This constitutes the final decision as it relates to your eligibility and the set deductible. We reserve the right to change the deductible determination should additional information that would change the determination become available. An underground storage tank owner or operator may appeal the decision to the Illinois Pollution Control Board (Board), pursuant to Section 57.9 (c) (2). An owner or operator who seeks to appeal the decision shall file a petition for a hearing before the Board within 35 days of the date of issuance of the final decision, (35 Illinois Administrative Code 105.504(b)).

For information regarding the filing of an appeal, please contact:

Clerk
Illinois Pollution Control Board
State of Illinois Center
100 West Randolph, Suite 11-500
Chicago, Illinois 60601
(312) 814-3620

The following tanks are also listed for this site:

Tank 4 6000 gallon Diesel Fuel
Tank 5 10000 gallon Gasoline - Regular
Tank 6 10000 gallon Diesel Fuel
Tank 7 10000 gallon E-15

Your application indicates that there has not been a release from these tanks under this incident number. You may be eligible to seek payment of corrective action costs associated with these tanks if it is determined that there has been a release from one or more of these tanks. Once it is determined that there has been a release from one or more of these tanks you may submit a separate application for an eligibility determination to seek corrective action costs associated with this/these tanks.

If you have any questions, please contact our Office at (217) 785-1020.

Sincerely,

Deanne Lock

Division of Petroleum and Chemical Safety

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
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JB PRITZKER, GOVERNOR JOHN J. KIM, DIRECTOR

(217) 524-3300

CERTIFIED MAIL #
7020 1290 0002 1666 4981

JAN 0 3 2024

Chronister Oil Company
Attn: Amy Ridley
2023 North Republic Street
Springfield, IL 62702

Re: 1671205520 -- Sangamon County
Springfield / Qik-N-EZ
2800 North Peoria Road
Incident-Claim No.: 20201063 -- 74044
Queue Date: July 7, 2023
Leaking UST Fiscal File

Dear Ms. Ridley:

The Illinois Environmental Protection Agency (Illinois EPA) has completed the review of your application for payment from the Underground Storage Tank (UST) Fund for the above-referenced Leaking UST incident pursuant to Section 57.8(a) of the Environmental Protection Act (415 ILCS 5) (Act) and 35 Illinois Administrative Code (35 Ill. Adm. Code) 734.Subpart F.

This information is dated July 7, 2023 and was received by the Illinois EPA on July 7, 2023. The application for payment covers the period from December 1, 2020 to July 31, 2022. The amount requested is $109,770.86.

On July 7, 2023, the Illinois EPA received your application for payment for this claim. As a result of the Illinois EPA's review of this application for payment, a voucher cannot be prepared for submission to the Comptroller's office for payment. Subsequent applications for payment that have been/are submitted will be processed based upon the date subsequent application for payment requests are received by the Illinois EPA. This constitutes the Illinois EPA's final action with regard to the above application(s) for payment.

The deductible amount for this claim is $5,000.00, which was previously withheld from your payment(s). Pursuant to Section 57.8(a)(4) of the Act, any deductible, as determined pursuant to the Office of the State Fire Marshal's eligibility and deductibility final determination in accordance with Section 57.9 of the Act, shall be subtracted from any payment invoice paid to an eligible owner or operator.

There are costs from this claim that are not being paid. Listed in Attachment A are the costs that are not being paid and the reasons these costs are not being paid.

An underground storage tank system owner or operator may appeal this decision to the Illinois Pollution Control Board. Appeal rights are attached.

If you have any questions or require further assistance, please contact Nicole Howland of my staff at (217) 524-0435 or at Nicole.Howland@illinois.gov.

Sincerely,

Brian P. Bauer
Interim Section Manager
Leaking Underground Storage Tank Section
Bureau of Land

Attachments: Attachment A
Appeal Rights

c: Green Wave Consulting, LLC
Leaking UST Claims Unit

Attachment A
Accounting Deductions

Re: 1671205520 -- Sangamon County
Springfield / Qik-N-EZ
2800 North Peoria Road
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Citations in this attachment are from the Environmental Protection Act (415 ILCS 5) (Act) and 35 Illinois Administrative Code (35 Ill. Adm. Code).

Item # Description of Deductions

1. Pursuant to Section 57.8(a)(6)(F) of the Act, the application for payment from the UST Fund is incomplete because it did not include a certification from the owner or operator that the corrective action was (i) performed under a project labor agreement that meets the requirements of Section 25 of the Project labor Agreements Act and (ii) implemented in a manner consistent with the terms and conditions of the Project Labor Agreements Act and in full compliance with all statues, regulations, and Executive Orders as required under that Act and the Prevailing Wage Act.

   In addition, deduction for costs associated with duplicate billings. Such costs are ineligible for payment from the Fund pursuant to Section 57.7(c)(4) of the Act and 35 Ill. Adm. Code 734.630(o). Furthermore, such costs are not approved pursuant to Section 57.7(c)(3) of the Act and 35 Ill. Adm. Code 734.630(dd) because they are not reasonable.

   Additionally, deduction for costs of corrective action incurred before providing notification of the release of petroleum to Illinois Emergency Management Agency (IEMA) in accordance with 35 Ill. Adm. Code 734.210. Such costs are ineligible for payment from the Fund pursuant to Section 57.8(k) of the Act and 35 Ill. Adm. Code 734.630(n).

   The required PLA certification was not submitted in this reimbursement package. In addition, there are requests for costs that have been previously paid, as well as for costs that were incurred prior to the IEMA date of December 9, 2020.

Appeal Rights

An underground storage tank owner or operator may appeal this final decision to the Illinois Pollution Control Board pursuant to Sections 40 and 57.7(c)(4) of the Act by filing a petition for a hearing within 35 days after the date of issuance of the final decision. However, the 35-day period may be extended for a period not to exceed 90 days by written notice from the owner or operator and the Illinois EPA within the initial 35-day appeal period. If the owner or operator wishes to receive a 90-day extension, a written request that includes a statement of the date the final decision was received, along with a copy of this decision, must be sent to the Illinois EPA as soon as possible.

For information regarding the filing of an appeal, please contact:

Clerk of the Board
Illinois Pollution Control Board
60 East Van Buren Street, Suite 630
Chicago, IL 60605
(312) 814-3461

For information regarding the filing of an extension, please contact:

Illinois Environmental Protection Agency
Division of Legal Counsel
1021 North Grand Avenue East
PO Box 19276
Springfield, IL 62794-9276
(217) 782-5544