

**BEFORE THE POLLUTION CONTROL BOARD
OF THE STATE OF ILLINOIS**

EMCO CHEMICAL DISTRIBUTORS, INC.,)	
Petitioner,)	
)	
v.)	PCB 2023-016
)	(LUST Appeal)
ILLINOIS ENVIRONMENTAL)	
PROTECTION AGENCY,)	
Respondent.)	

NOTICE

Don Brown, Clerk
Illinois Pollution Control Board
James R. Thompson Center
100 West Randolph, Suite 11-500
Chicago, IL 60601
don.brown@illinois.gov

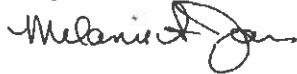
Carol Webb, Hearing Officer
Illinois Pollution Control Board
1021 North Grand Avenue East
P.O. Box 19274
Springfield, IL 62794-9274
carol.webb@illinois.gov

Ryan R. Kemper, Esq.
Timothy B. Briscoe, Esq.
Thompson Coburn LLP
One US Bank Plaza
St. Louis, Missouri 63101
rkemper@thompsoncoburn.com
tbriscoe@thompsoncoburn.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



Melanie A. Jarvis
Deputy Chief Counsel - Division of Legal Counsel
1021 North Grand Avenue, East
P.O. Box 19276
Springfield, Illinois 62794-9276
217/782-5544
866/273-5488 (TDD)
Dated: October 26, 2022

**BEFORE THE POLLUTION CONTROL BOARD
OF THE STATE OF ILLINOIS**

EMCO CHEMICAL DISTRIBUTORS, INC.,)	
Petitioner,)	
)	
v.)	PCB 2023-016
)	(LUST Appeal)
ILLINOIS ENVIRONMENTAL)	
PROTECTION AGENCY,)	
Respondent.)	

APPEARANCE

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

Respectfully submitted,

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY,
Respondent



Melanie A. Jarvis
Deputy Chief 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)
melanie.jarvis@illinois.gov
Dated: October 26, 2022

**BEFORE THE POLLUTION CONTROL BOARD
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EMCO CHEMICAL DISTRIBUTORS, INC.,)	
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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
AR0001-AR0002	Hazardous Materials Report	March 24, 2022
AR0003	IEPA Notification of Release	March 25, 2022
AR0004-AR0006	20-day Certification	March 30, 2022
AR0007-AR0160	45-day report/CACR	April 21, 2022
AR0161-AR0181	IEPA Reviewer Notes	May 11, 2022
AR0182-AR0185	IEPA Acceptance of 45-day report	June 16, 2022
AR0186-AR0200	IEPA Rejection of CACR	June 16, 2022

I, Nathan Fox, 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: Nathan Fox
 Nathan Fox
 Leaking Underground Storage Tank Section
 Illinois Environmental Protection Agency

Date: 10/27/22

This filing submitted on recycled paper.

CERTIFICATE OF SERVICE

I, the undersigned attorney at law, hereby certify that on **October 11, 2022**, 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
James R. Thompson Center
100 West Randolph, Suite 11-500
Chicago, IL 60601
don.brown@illinois.gov

Carol Webb, Hearing Officer
Illinois Pollution Control Board
1021 North Grand Avenue East
P.O. Box 19274
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Ryan R. Kemper, Esq.
Timothy B. Briscoe, Esq.
Thompson Coburn LLP
One US Bank Plaza
St. Louis, Missouri 63101
rkemper@thompsoncoburn.com
tbriscoe@thompsoncoburn.com

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY,
Respondent



Melanie A. Jarvis
Deputy Chief 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)
melanie.jarvis@illinois.gov



Hazardous Materials Incident
 Electronic Filing: Received, Clerk's Office 10/27/2022
Report



0971255169 - Lake

Incident #: H-2022-0253
Entered By: Rhoades, Walter (IEMA) on <u>2022-03-24 13:09:38</u>
Data Input Status: Closed
Leaking Underground Storage Tank (LUST): Yes
Used PFAS Chemicals (Firefighting Foam) for Fire Suppression: No

EMCO Chemical Distributors Inc
Leaking UST Tech File

Caller:	Nick Cuzzone
Call Back #:	773/792-3090
Caller Represents:	EPS Environmental Services
Hazmat Incident Type:	Leak or spill

INCIDENT LOCATION			
Incident Location:	2525 Greenfield Ln 60064		
County:	Lake 60064	City:	North Chicago
Primary IEMA Region:	4	Secondary IEMA Region:	Not Applicable
Full Address:	2525 Greenfield Ln, North Chicago, IL		
Latitude:	42.314257 42.3144	Longitude:	-87.848142 -87.8480
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):	40 Wind Dir/Speed m.p.h: Unknown

MATERIALS INVOLVED			
Material Name:	Fuel Oil	Material Type:	Liquid
CHRIS Code:	Unknown	CAS #:	Unknown
UN/NA #:	Unknown IEPA Division of Records Management		
Is this a 302(a) Extremely Hazardous Substance?	No	Releasable	
Is this a RCRA Hazardous Waste?	No	MAY 02 2022	
Is this a RCRA regulated facility?	No	Reviewer KAP	
Container Type:	Underground	Container Size:	3 x 13,000 Gallon
Amount Released:	Unknown	Rate of Release/min:	Unknown
Duration of Release:	Unknown		
Cause of Release:	Overfills		
Estimated Spill Extent:	Unknown	Spill Extent Units:	AR000001

Date/Time Occurred: (Date/Time Unknown)
 Date/Time Discovered: 2022-03-24 10:09
 Electronic Filing: Received, Clerk's Office 10/27/2022

Number Injured:	None	Where Taken:	N/A
Number Killed:	None	# Evacuated:	NOne
On Scene Contact:	BJ Korman	On Scene Phone #:	847/421-9256

Proper safety precautions to take as a result of the release, including evacuation:
 None

Assistance needed from State Agencies:
 None

Containment/Cleanup actions and plans:
 Being Removed and Contracted for Clean up

Responsible Party:	Lake County Industrial Warehouse Inc EMCO Chemical Distributors, Inc.
Contact Person:	BJ Korman
Callback Phone Number:	847/421-9256
Facility Manager:	BJ Korman
Facility Manager Phone #:	847/421-9256
Street Address:	8601 95th St
City:	Pleasant Prairie State: WI Zip Code: 53158

Emergency Units Contacted	Contacted	On Scene	Agencies Contacted
ESDA			NOne
Fire			None
Police			None
Sheriff			None
Other	√	√	OSFM

AGENCIES OR PERSONS NOTIFIED			
Agency	Date/Time	Name of Person	Notification Action
IEPA, NRTP, OSFM, LEPC	2022-03-24 13:09	Emailed	Report Sent
IEMA Region 4	2022-03-24 13:09	Emailed	Report Sent

Narrative:

Follow-Up Information:

Attachments:



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

Electronic Filing Received, Clerk's Office 10/27/2022
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

March 25, 2022

EMCO Chemical Distibutors, Inc.
Attn: BJ Korman
8601 95th Street
Pleasant Prairie, WI 53158

Re: 0971255169 -- Lake County
North Chicago/EMCO Chemical Distibutors, Inc.
2525 Greenfield Lane
Leaking UST Incident 20220253
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,

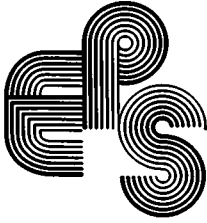
Mohammed Z. Rahman, Manager
Leaking Underground Storage Tank Section
Bureau of Land

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

AR000003



environmental services, inc.

0971255169 – Lake County
EMCO Chemical Distributors, Inc.
Incident # 20220253
Leaking UST Technical File

March 30, 2022

Illinois Environmental Protection Agency
Division of Land Pollution Control
Leaking Underground Storage Tank Section
State Sites Unit
1021 North Grand Avenue East
Springfield, Illinois 62794-9276

Location: EMCO Chemical Distributors, Inc.
2525 Greenfield Lane
North Chicago, Illinois
LUST Incident No. 20220253
LUST Technical File

Dear Project Manager:

Enclosed is the 20-Day Certification for leaking underground storage tank (LUST) incident #20220253 recorded to the above referenced location.

If you have any questions regarding this matter, please contact me at your convenience.

Sincerely,

Nicholas J. Cuzzone, P.E.
Senior Project Engineer
EPS Environmental Services, Inc.

enclosure

RECEIVED

APR 01 2022

IEPA/BOL

IEPA-DIVISION OF RECORDS MANAGEMENT
RELEASABLE

MAY 05 2022

REVIEWER: SAB



Illinois Environmental Protection Agency

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

The Illinois EPA 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, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony (415 ILCS 5/44(h) and 57.17). This form has been approved by the Forms Management Center.

Leaking Underground Storage Tank Program 20-Day Certification

A. Site Identification

IEMA Incident # (6- or 8-digit): 20220253 IEPA LPC # (10-digit): 0971255169
 Site Name: EMCO Chemical Distributors, Inc.
 Site Address (not a P.O. Box): 2525 Greenfield Lane
 City: North Chicago County: Lake Zip Code: 60064

B. Initial Abatement

1. I am/we are the owner and/or operator of the underground storage tank system(s) from which a release was reported under the IEMA incident correctly identified above;
2. As much of the regulated substance as necessary to prevent further release into the environment has been removed;
3. Any aboveground releases or exposed below ground releases have been visually inspected;
4. Further migration of the released substance into surrounding soils and groundwater has been prevented;
5. Monitoring and mitigation of any fire and safety hazards posed by vapors or free product that has migrated from the UST excavation zone and entered subsurface structures (such as sewers or basements) will continue;
6. Hazards posed by contaminated soils that are excavated or exposed as a result of release confirmation, site investigation, abatement, or corrective action activities have been remedied;
7. If the remedies included treatment or disposal of soils, the owner or operator has complied with 35 Ill. Adm. Code 722, 724, 725, and 807 through 815;
8. Measurement for the presence of a release has been conducted where contamination was most likely to be present at the UST site. In selecting sample types, sample locations and measurement methods, the nature of the stored substance, type of backfill, depth to groundwater, and other factors as appropriate for identifying the presence and source of the release have been considered; and
9. An investigation to determine the possible presence of free product has been conducted, and, if applicable, free product removal is being conducted in accordance with 35 Ill. Adm. Code 731.164 or 734.215.

RECEIVED

APR 01 2022

IEPA/BOL

C. Land Trust

If the release involves one or more USTs that are the subject of a land trust, check here, proceed with completion of Section D, then complete and return the Land Trust Beneficial Interest Disclosure. If a land trust is involved, this and all documents requiring owner or operator signature must be signed by a beneficiary of the land trust with sufficient beneficial interest to meet the definition of "owner" or "operator" as defined by 35 Ill. Adm. Code 734 or 731.

If a land trust is not involved, proceed with completion of Section D below.

D. 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: Lake County Industrial Warehouse
Contact: BJ Korman
Address: 8601 95th Street
City: Pleasant Prairie
State: IL
Zip Code: 53158
Phone: (847) 421-9256
Signature: [Handwritten Signature]
Date: 3-29-22

Consultant

Company: EPS Environmental Services, Inc.
Contact: Nicholas J. Cuzzone, P.E.
Address: 7237 West Devon Avenue
City: Chicago
State: Illinois
Zip Code: 60631
E-mail: ncuzzone@epsenv.com
Phone: (773) 792-3090
Signature: [Handwritten Signature]
Date: 3/30/2022

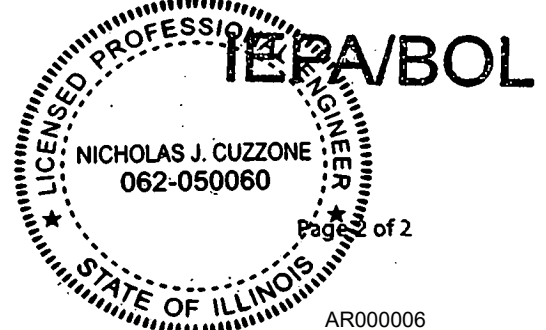
I certify under penalty of law that all activities that are the subject of this report were conducted under my supervision or were conducted under the supervision of another Licensed Professional Engineer or Licensed Professional Geologist and reviewed by me; that this report and all attachments were prepared under my supervision; that, to the best of my knowledge and belief, the work described in this report has been completed in accordance with the Environmental Protection Act [415 ILCS 5], 35 Ill. Adm. Code 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: Nicholas J. Cuzzone, P.E.
Company: EPS Environmental Services, Inc.
Address: 7237 West Devon Avenue
City: Chicago
State:
Zip Code: 60631
Phone: (773) 792-3090
Ill. Registration No.: 062-050060
License Expiration Date: November 30, 2023
Signature: [Handwritten Signature]
Date: 3/30/2022

RECEIVED

L.P.E. or L.P.G. Seal APR 01 2022





environmental services, inc.

April 21, 2022

Illinois Environmental Protection Agency
Division of Land Pollution Control
Leaking Underground Storage Tank Section
State Sites Unit
1021 North Grand Avenue East
Springfield, Illinois 62794-9276

Re: LPC #: 0971255169/Lake County
Emco Chemical Distributors, Inc.
2525 Greenfield Lane
North Chicago, Illinois
LUST Incident No. 20220253
LUST Technical File

Dear Project Manager:

Enclosed is a 45-Day/Corrective Action Completion Report (CACR) for the above referenced Site. A release of heating oil from two (2) 10,000-gallon and one (1) 12,000-gallon underground storage tanks (USTs) was reported to the Illinois Emergency Management Agency (IEMA) on March 24, 2022 during removal of the USTs. Emco Chemical Distributors, Inc., current owner of the Site, retained EPS Environmental Services Inc. (EPS Environmental) to oversee the removal of the USTs, conduct soil remediation and sampling in the area of the removed USTs and submit this CACR.

Based on soil sample analytical results, no concentrations of contaminants associated with heating oil remain on-Site above Tier 1 soil remediation objectives (SROs) for residential land use and Class I Groundwater as listed in 35 Illinois Administrative Code Part 742, titled *Tiered Approach to Corrective Action Objectives* (TACO). Emco Chemical Distributors, Inc. is requesting a No Further Remediation letter from the Illinois Environmental Protection Agency (IEPA) for leaking underground storage tank (LUST) incident #:20220253.

Your attention to this matter is greatly appreciated. Should you have any questions, or need additional information, please feel free to me at your convenience.

Sincerely,

Nicholas J. Cuzzone, P.E.
Senior Project Engineer
Enclosure: 45-Day/Corrective Action Completion Report



environmental services, inc.

Illinois Environmental Protection Agency
LEAKING UNDERGROUND STORAGE TANK PROGRAM

45-Day/Corrective Action Completion Report

Emco Chemical Distributors, Inc.
2525 Greenfield Lane
North Chicago, Illinois
LPC #: 0971255169

IEMA #: 20220253

Prepared For:

Emco Chemical Distributors, Inc.
8601 95th Street
Pleasant Prairie, Wisconsin 53158

Prepared By:

EPS Environmental Services, Inc.
7237 West Devon Avenue
Chicago, Illinois 60631

April 21, 2022



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 #: 20220253 IEPA LPC# (10-digit): 0971255169
 Site Name: EMCO Chemical Distributors, Inc.
 Site Address (Not a P.O. Box): 2525 Greenfield Lane
 City: North Chicago County: Lake Zip Code: 60064

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	Heating Oil	Yes	Overfill	Yes	Removed
10,000	Heating Oil	Yes	Overfill	Yes	Removed
12,000	Heating Oil	Yes	Overfill	Yes	Removed

C. Early Action

- Does this report demonstrate that the most stringent Tier 1 remediation objectives have been met? Yes No
- 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).
- Have any fire or safety hazards posed by vapors or free product or contamination to a potable water supply been identified? Yes No
- What was the volume of backfill material excavated? 30 Yards³

5. What was the volume of native soil excavated? 90 _____ Yards³
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 1 site 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 Emco Chemical Distributors, Inc.
Contact BJ Korman
Address 8601 95th Street
City Pleasant Prairie
State Wisconsin
Zip Code 53158
Phone (847) 421-9256
E-mail: bjkorman@emcochem.com
Signature *BJ Korman*
Date 4-20-22

Consultant

Company EPS Environmental Services, Inc.
Contact Nicholas J. Cuzzone, P.E.
Address 7237 West Devon Avenue
City Chicago
State Illinois
Zip Code 60631
Phone (773) 792-3090
E-mail: ncuzzone@epsenv.com
Signature *Nicholas J. Cuzzone*
Date 4/26/2022

Licensed Professional Engineer or Geologist

Name Nicholas J. Cuzzone, P.E.
Company EPS Environmental Services, Inc.
Address 7237 West Devon Avenue
City Chicago
State Illinois
Zip Code 60631
Phone (773) 792-3090
Ill. Registration No. 062-050060
License Expiration Date November 30, 2023
Signature *Nicholas J. Cuzzone*
Date 4/20/2022

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





Illinois Environmental Protection Agency

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

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Leaking Underground Storage Tank Program Heating Oil Underground Storage Tank Election *(This form applies to releases subject to 415 ILCS 5/57 et seq.)*

A. Site Identification

IEMA Incident # (6- or 8-digit): 20220253 IEPA LPC# (10-digit): 0971255169
Site Name: EMCO Chemical Distributors, Inc.
Site Address (Not a P.O. Box): 2525 Greenfield Lane
City: North Chicago County: Lake ZIP Code: 60064
Office of the State Fire Marshal Facility ID # (7-digit): 2047356

B. Election

Pursuant to Section 57.1(b) of the Environmental Protection Act, an owner or operator of a heating oil tank as defined by Title XVI of the Act may elect to perform tank removal, abandonment or repair, site investigation, or corrective action unless the provisions of Section 57.5(g) are applicable. This form should be used as an official notification to the Illinois EPA of whether or not you elect to proceed in accordance with the Leaking UST Program regulations with respect to the heating oil tank release identified above. Please be advised that this election shall be deemed effective upon receipt by the Illinois EPA and may not be withdrawn once it is made.

Please check one:

- Pursuant to Section 57.1(b) of the Environmental Protection Act, I elect to proceed in accordance with the Leaking UST Program requirements with respect to the heating oil tank release identified above.
- I elect NOT to proceed in accordance with the Leaking UST Program requirements with respect to the heating oil tank release identified above. The provisions of Section 57.5(g) of the Act are not applicable to the heating oil tank release.

NOTE: If your pre-1974 UST contains heating oil, this form must be completed and submitted. Submittal of the Pre-1974 UST Notification is not required.

C. Signatures

UST Owner

Company Emco Chemical Distributors, Inc.
Contact BJ Korman
Address 8601 95th Street
City Pleasant Prairie
State Wisconsin
Zip Code 53158
Phone (847) 421-9256
Signature
Date 4-20-22

UST Operator (if different than UST Owner)

Company _____
Contact _____
Address _____
City _____
State _____
Zip Code _____
Phone _____
Signature _____
Date _____



Illinois Environmental Protection Agency

1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

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 Property Owner Summary

A. Site Identification

IEMA Incident # (6- or 8-digit): 20220253 IEPA LPC# (10-digit): 0971255169

Site Name: EMCO Chemical Distributors, Inc.

Site Address (not a P.O. Box): 2525 Greenfield Lane

City: North Chicago County: Lake Zip Code: 60064

Leaking UST Technical File

Engineered barriers, institutional controls, and other use restrictions, if any, proposed for this site may not be implemented without approval by the title holder(s) of record for the above-named property or the agent(s) of such person(s). These controls and restrictions will be identified in the No Further Remediation (NFR) Letter, which must be recorded in the chain of title for the property. Failure to maintain these controls is grounds for voidance of the NFR Letter.

B. Preventive, Engineering, and Institutional Controls and Land Use Limitations

The following controls and restrictions are proposed for the above-named site:

- Industrial/commercial land use limitation;
- On-site groundwater restriction prohibiting the use of groundwater beneath the site as a potable water supply;
- An engineered barrier: Building, asphalt/concrete, or Other:
(description) _____
- Concrete Base with no Sumps;
- Building Control Technology: Existing Future
- Groundwater ordinance: With a MOU; Without a MOU;
- Construction worker caution notification;
- Maintain a clean soil barrier (indoor inhalation):
- Other: _____
- None (There are no proposed institutional controls other than the NFR Letter.).

C. Property Ownership Declaration

Report Title: 45-Day/Corrective Action Completion Report

Report Date: 4/22/2022

I hereby affirm that I have reviewed the attached report entitled *45-Day/Corrective Action Completion Report* and dated , and that I accept the terms and conditions set forth therein, including any land use limitations, that apply to property I own. I further affirm that I have no objection to the recording of a No Further Remediation Letter containing the terms and conditions identified in the report upon the property I own.

Name of Property Owner: Emco Chemical Distributors, Inc.

Name of Officer or Agent: BJ Korman

Mailing Address: 8601 95th Street

City: Pleasant Prairie

State: Illinois

Zip Code: 53158

E-mail: bjkorman@emcochem.com

Signature: 

Date: 4-20-22.

D. Site Description

Real Estate Tax/Parcel Index Number:

12005417008

Legal Description of Site (must be provided on a separate sheet):

Legal Description

2525 Greenfield Lane, North Chicago, Illinois

PARCEL ONE:

LOT 13 IN NEIL & ALLEN COLEMAN INDUSTRIAL SUBDIVISION OF PART OF THE SOUTHEAST QUARTER OF SECTION 5, TOWNSHIP 44 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF, RECORDED AUGUST 3, 1984, AS DOCUMENT NO. 2300941, IN LAKE COUNTY, ILLINOIS.

PARCEL 2:

THAT PART OF VACATED E.C.I. LANE AS DEPICTED IN THE NEIL & ALLEN COLEMAN INDUSTRIAL SUBDIVISION OF PART OF THE SOUTHEAST QUARTER OF SECTION 5, TOWNSHIP 44 NORTH, RANGE 12 EAST OF THE THIRD PRINCIPAL MERIDIAN, ACCORDING TO THE PLAT THEREOF, RECORDED AUGUST 3, 1984, AS DOCUMENT NO. 2300941, IN THE OFFICE OF THE RECORDER OF DEEDS, LYING SOUTH OF THE CENTER LINE OF SAID E.C.I. LANE AND LYING WEST OF THE WEST LINE OF LOT 12 EXTENDED NORTH, ALL IN THE CITY OF NORTH CHICAGO, IN LAKE COUNTY, ILLINOIS.

Parcel Identification Number (PIN): 12005417008



ATTACHMENTS
Illinois Environmental Protection Agency
LEAKING UNDERGROUND STORAGE TANK (LUST) PROGRAM
45 Day/Corrective Action Completion Report

SECTION D - SITE INFORMATION

1. Data on the nature and estimated quantity of the release.

A release of heating oil from two (2) 10,000-gallon and one (1) 12,000-gallon underground storage tanks (USTs) was reported to the Illinois Emergency Management Agency (IEMA) on March 24, 2022 during the removal of the USTs. A copy of the OSFM removal permit is included in Appendix E. It should be noted, the permit was issued for one (1) 3,500-gallon and two (2) 10,000-gallon USTs. During the removals the USTs were identified as two (2) 10,000-gallon and one (1) 12,000-gallon capacity tanks.

2. Data from available sources or site investigations concerning the following factors:

a. Surrounding populations.

The Site is located in a mixed residential and commercial in the City of North Chicago, Lake County, Illinois. The Site is surrounded as follows:

North: Unnamed commercial, 2425 Greenfield Lane
Unnamed commercial, no posted address

South: Lake County Industrial Warehouse, 2575 Commonwealth Avenue
Cable Place/Greenfield Lane

East: EMCO Chemical Distributors, Inc. (warehouse), 2510-2600 Commonwealth Ave.
King Wire (wire/cable cutting/distribution), 2500 Commonwealth Ave.
Commonwealth Avenue

West: Greenfield Lane
Great Lakes Naval facility



b. Water quality.

The City of North Chicago supplies potable water from Lake Michigan to the Site and surrounding area. According to the Water Department, the water is tested periodically for contaminants and is in compliance with current Environmental Protection Agency (EPA) Safe Drinking Water Act regulations, unless a local drinking water advisory has been issued.

c. Use and approximate locations of wells potentially affected by the release.

A request was made to the Illinois State Geologic Society (ISGS) and Illinois State Water Survey (ISWS) for well logs for any public or private wells within Sections 4, 5, 8, and 9, Township 44 North, Range 12, East of the Third Principal Meridian (wells located within 2,500 feet of the Site). In addition, the IEPA Bureau of Water Source Water Assessment Program ArcIMS Mapping Tool (SWAP) was accessed for information regarding public or private wells within these areas. According to information received from these sources, there are four (5) current/historical wells located within 2,500 feet of the Site.

**TABLE 1:
Private Water Supply Well Table**

WELL #	OWNER	LOCATION	DISTANCE FROM SITE (FT)
1	Chicagoland Hardwood Foundry	42.316669 / -87.847564	850
2	Chicago Hdw. & Fdy. Co.	42.316671 / -87.847562	860
3	Chicago Hardware & Foundry Co.	42.316671 / -87.847562	860
4	Sager Lock Co.	42.316653 / -87.845118	870

Using a 400-foot setback zone for these wells, the Site is not located within the setback zone of these wells. See Appendix H for a copy of the potable well logs and Appendix A, Figure 5 for the locations of the current/historical potable wells.

EPS Environmental submitted a Freedom of Information Act (FOIA) request to the Lake County Health Department (LCHD) regarding potable wells located within the above four (4) Sections. According to the LCHD, the LCHD maintains records of private wells located within the county; however, the data is stored according to Property Identification Number (PIN). Based on the number of properties located within 2,500 feet of the Site, the LCHD records are considered impractical to review. See Appendix G for a copy of the FOIA request and response letter.

On April 13, 2022 Mr. Nicholas J. Cuzzone, P.E., Senior Project Engineer with EPS Environmental, contacted the City of North Chicago regarding potable wells located within City limits. According to Mr. Bob Miller, Interim Public Works Director, the City of North Chicago does not maintain records of public or private wells within the City. In addition, the City of North



Chicago has an ordinance prohibiting the installation and use of groundwater wells as a potable water source.

Based on the information reviewed, the Site is not located within the minimum setback zone of a well which serves as a potable water supply.

d. Subsurface soil conditions.

According to the Illinois State Geologic Survey (ISGS) Circular #460, "*Surficial Geology of the Chicago Region*", the Site is located on the Lake Plain. This Pleistocene Age system consists of floors of glacial lakes flattened by wave erosion and by minor deposition in low areas; largely underlain by glacial till; predominantly clay and silt, with sand of the Equality Formation present locally.

Based on ISGS Circular #532, "*Potential for Contamination of Shallow Aquifers from Land Burial of Municipal Waste*", the Site is located within the rating area of E. The rating denotes the capacities of earth material to accept, transmit, restrict or remove contaminants from waste effluent. In general, an E rating area contains uniform, relatively impermeable silty or clayey till at least 50-feet thick with no evidence of interbedded sand and gravel.

Based on observations during the UST removals, the shallow subsurface soil profile consists of gravel and clay fill material underlain by sandy clay to the maximum depth of 13 feet below ground surface (bgs), maximum depth of excavation.

e. Climatological conditions.

City of North Chicago weather is predominantly continental, ranging from relatively warm in the summer to relatively cold in the winter. This is modified by the proximity to Lake Michigan, which acts as a buffer, moderating temperatures.

f. Land use.

The Site is currently vacant land. Future Site use will be a warehouse building.

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.

As required by 35 IAC 734.210(h), following removal of the USTs the sidewalls and floor of the resulting excavation were sampled by EPS Environmental to determine the concentrations of contaminants associated with heating oil. In addition, a sample of the backfill material was obtained and analyzed. No free product was observed in the UST excavation. Two (2) soil samples were obtained from the floor of the excavation beneath each UST (S-9 through S-14), eight (8) wall samples were obtained (S-1 through S-8), and one (1) backfill sample (S-BF) was obtained.



Closure Sample Collection

The UST excavation measured approximately 65 feet from north to south, approximately 20 feet from east to west and approximately 13 feet in depth. Soil samples from the UST excavation were collected at depths representative of the lower third elevation of the USTs and at the floor depth. After the desired sampling depth was reached with the backhoe, soil samples were collected using United States Environmental Protection Agency (USEPA) Method 5035. See Figure 3 for sample locations. Duplicate soil samples were collected from each sampling interval. The first sample was collected using an Easy Draw® syringe and deposited into 40-mL glass vials preserved with deionized water, sodium bisulfate or methanol, then placed onto a scale to ensure a minimum of five (5) grams of sample was obtained. The second sample was placed into an air-tight plastic jar. Samples were chilled and transported under chain of custody to Environmental Monitoring and Technologies, Inc. in Des Plaines, Illinois (EMT) for analysis. Soil samples were analyzed in accordance with USEPA SW-846, *Test Methods for Evaluation of Solid Wastes*.

Analytical Program

Soil samples from the UST excavation and the backfill sample were analyzed for indicator contaminants associated with heating oil as outlined in 35 Ill. Adm. Code, Section 734.405. The samples were analyzed for benzene, ethylbenzene, toluene and xylenes (BETX) and polynuclear aromatic hydrocarbons (PNAs). No concentrations of BETX or PNAs exceeded 35 Illinois Administrative Code (IAC) Part 742, titled *Tiered Approach to Corrective Action Objectives* (TACO), Tier 1 soil remediation objectives (SROs) for residential land use and Class I Groundwater (the most stringent SROs) with the exception of samples S-1, S-6 and S-8. Soil in these areas was excavated and transported off-Site for final disposal and the resulting walls were resampled for BETX and PNAs. No concentrations of BETX or PNAs were identified above TACO Tier 1 SROs in these samples.

Laboratory reports and certification can be found in Appendix C and a tabular summary of laboratory analytical results can be found in Appendix B.

4. Results of the free product investigations.

No evidence of free product was observed in the soil in the area of the removed UST.

5. A discussion of the action taken to prevent further release of the regulated substance into the environment.

The USTs were removed from the Site between March 21 and April 5, 2022 and soil samples from the UST excavation were analyzed for indicator contaminants associated with heating oil. Following remediation of contaminated soil, no concentrations of contaminants exceeded TACO Tier 1 SROs for residential land use and Class I Groundwater.



- 6. A discussion of the action taken to mitigate fire and safety hazards posed by vapors or free product that has migrated from the UST excavation zone and entered subsurface structures.**

No evidence of free product was observed in the soil during the removal of the UST; no evidence of petroleum hydrocarbon vapors was identified in near-by sewers.

- 7. Any other information collected while performing initial abatement measures pursuant to 35 Ill. Adm. Code Section 732.162 or 732.202(b).**

No additional information was available or warranted.

SECTION E - SUPPORTING DOCUMENTATION

- 1. Area map showing Site in relation to surrounding properties.**

See Figure 1 in Appendix A.

- 2. A cross section to scale showing the USTs and the excavation.**

See Figure 4 in Appendix A for the UST cross sections.

- 3. Analytical/screening results in tabular format.**

The comparison table for soil samples can be found in Appendix B.

- 4. Site map meeting the requirements of 35 IAC 734.440 and including sample locations.**

See Figures in Appendix A.

- 5. Soil boring logs.**

No soil borings were conducted.

- 6. Chain of custody forms.**

The chains of custody form can be found in Appendix C.

- 7. Laboratory analytical reports.**

The laboratory reports can be found in Appendix C.



8. Laboratory certifications.

Laboratory certification for soil samples can be found in Appendix C.

9. A copy of the OSFM Permit for Removal.

See Appendix E for a copy of the OSFM removal permit.

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

January 24, 2022 Tsarpalas Enterprises, Inc. (Tsarpalas), tank contractor, arrived to begin removal operations. Tsarpalas removed soil covering the USTs using a backhoe and placed the soil on plastic sheeting adjacent to the USTs. It was discovered the USTs were constructed of concrete and were full of water/product. GFL Environmental (GFL) began pumping the liquids using a vacuum truck. Approximately 19,090 gallons of liquid were removed.

January 25, 2002 GFL continued to pump liquids from the USTs. A total of 11,740 gallons of liquid and sludge were removed. Due to the extreme cold and as the USTs were constructed of concrete, Tsarpalas discontinued the removals and rescheduled the removals for a later date.

March 21, 2022 Tsarpalas personnel returned to the Site; GFL began pumping liquids from the USTs. When the first UST was emptied Tsarpalas personnel performed oxygen and lower explosive limit (LEL) measurements using a combustion and oxygen meter to determine atmospheric condition inside the UST. The LEL measurement was zero, indicating no explosive conditions existed. The interior of the UST was then cleaned using a pressure washer and a degreasing solution. Mr. Chris Tougeron, Storage Tank Safety Specialist with OSFM, then approved breaking up the UST. Tsarpalas pulled the top of the UST off and utilized a concrete breaker to begin breaking the walls of the tank. GFL pumped a total of 16,800 gallon of liquids and cleaning solution from the USTs.

March 22, 2022 Tsarpalas continued breaking the concrete UST; GFL pumped liquids from the remaining USTs and rainwater that had entered the excavation. A total of 3,670 gallons of liquids were removed and disposed.

March 23, 2022 Breaking of the USTs continued. As disposal of the broken concrete at a recycling facility was not possible due to the contact with heating oil, approximately 15 cubic yards of concrete and soil were excavated and transported to GFL Landfill in Zion, Illinois (Zion) for final disposal. GFL



pumped a total of 3,975 gallons of liquids and sludge from the USTs and the excavation.

- March 24, 2022 Broken concrete and soil that fell into the excavation were excavated and stockpiled on plastic adjacent to the excavation as Tsarpalas continued to break the USTs. GFL pumped a total of 17,930 gallons of liquids, rainwater and sludge from the tanks and excavation. Soil samples S-1 through S-8 were obtained from the walls of the excavation and a sample of the backfill was obtained. The samples were transported to Environmental Monitoring and Technologies, Inc. (EMT) and analyzed for BETX and PNAs. Concentrations of benzene or PNAs were identified above TACO Tier 1 SROs for residential land use and Class I Groundwater in samples S-1, S-6 and S-8.
- Mr. Tougeron determined a release had occurred from the USTs and leaking underground storage tank (LUST) incident #20220253 was recorded with the Illinois Emergency Management Agency (IEMA).
- March 25, 2022 Breaking of the concrete USTs and pumping of water and sludge continued. Approximately 30 cubic yards of broken concrete and soil were transported to Zion for disposal and approximately 17,650 gallons of water were pumped.
- March 29, 2022 Work continued as before. Approximately 90 cubic yards of broken concrete and soil were transported to Zion for disposal and approximately 7,775 gallons of water were pumped.
- March 31, 2022 Work continued as before. Approximately 30 cubic yards of broken concrete and soil were transported to Zion for disposal and approximately 11,925 gallons of water were pumped.
- April 1, 2022 Work continued as before. Approximately 3,200 gallons of water were pumped. Soil samples S-9 and S-10 were obtained from beneath the first UST and analyzed for BETX and PNAs. No concentrations of contaminants were identified above TACO Tier 1 SROs for residential land use and Class I Groundwater.
- April 5, 2022 Work continued as before. Approximately 60 cubic yards of broken concrete and soil were transported to Zion for disposal and approximately 4,600 gallons of water were pumped.
- April 6, 2022 Work continued as before. Soil in the area of previous samples S-1, S-6 and S-8 was excavated and transported for disposal. Approximately 120 cubic



yards of contaminated soil were transported to Zion for disposal and approximately 3,000 gallons of water were pumped. Soil samples S-11 through S-14 from beneath the USTs and soil sample S-15, S-16 and S-17 from the resulting walls of the excavation were obtained and analyzed for BETX and PNAs. No concentrations of BETX or PNAs were identified above TACO Tier 1 SROs for residential land use and Class I Groundwater. The excavation was backfilled with imported crushed stone.

April 7, 2022

Approximately 105 cubic yards of remaining broken concrete and backfill material were transported to Zion for final disposal.

Based on the laboratory results, no further investigation is recommended. See Appendix C for a copy of the laboratory reports, and chains of custody and certification and Appendix I for the soil and liquid disposal manifests.

11. Photographs.

Photographic documentation of the UST removals is included in Appendix F.

12 Disposal Manifests.

Soil and liquid disposal manifests are included in Appendix I.



Electronic Filing: Received, Clerk's Office 10/27/2022

LUST Incident No. 20220253
Emco Chemical Distributors, Inc.
2525 Greenfield Lane
North Chicago, Illinois
LPC #: 0971255169

APPENDIX A

Site Maps

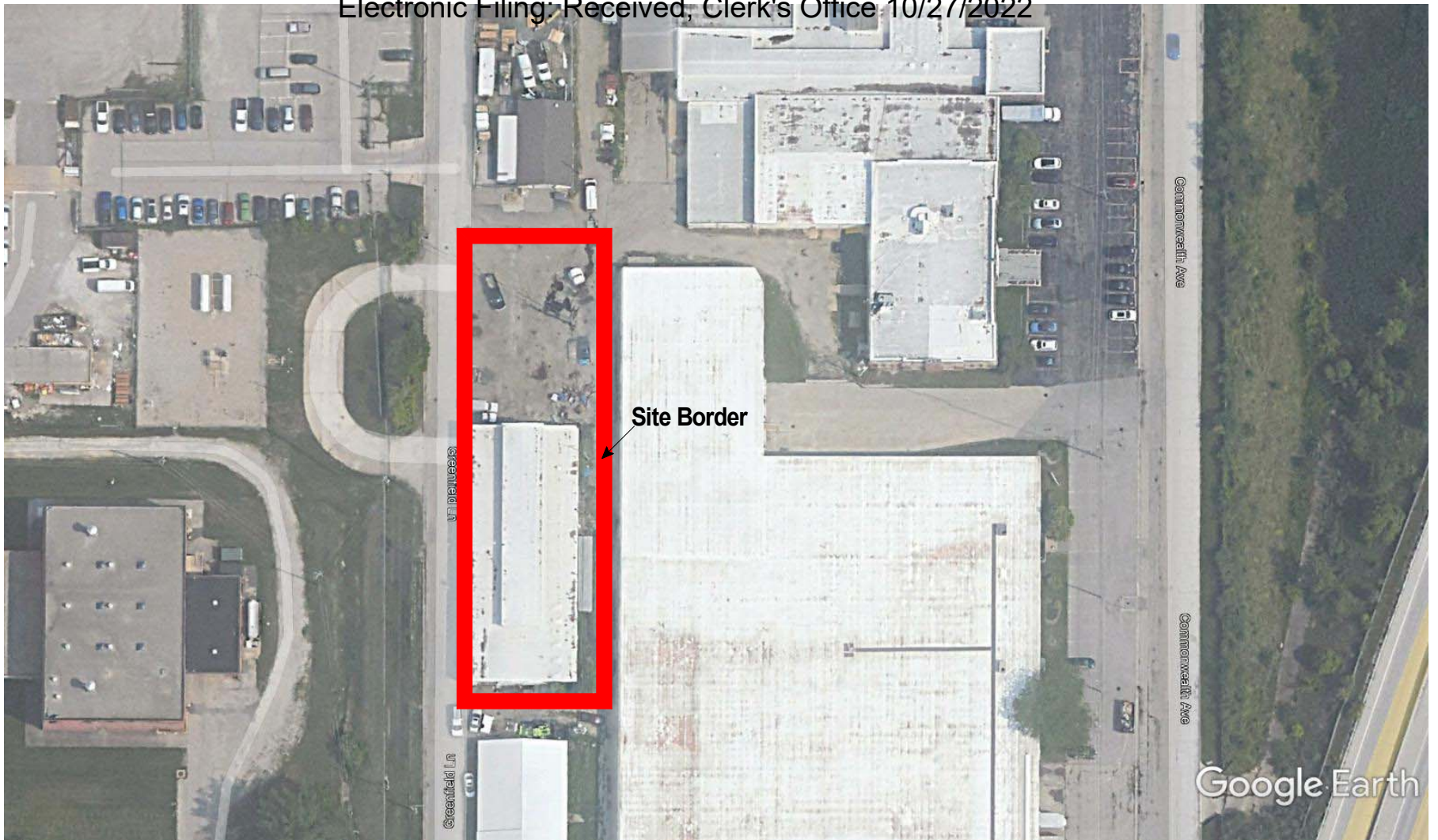


FIGURE 1 - SITE LOCATION MAP

2525 GREENFIELD LANE
NORTH CHICAGO, ILLINOIS



EPS Environmental Services, Inc.
7237 West Devon Avenue, Chicago, Illinois 60631

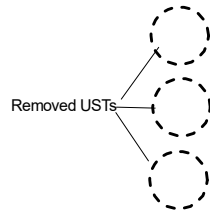
Not to Scale

Date: 04/21/2022
IEMA # 20220253
AR000026

Great Lakes Naval facility

GREENFIELD LANE

unnamed commercial
2425 Greenfield Lane



EMCO Chemical Distributors, Inc.
2510-2600 Commonwealth Avenue

Site Border

Water Line

Lake County Industrial Warehouse
2575 Commonwealth Avenue

FIGURE 2 - SITE PLAN

2525 GREENFIELD LANE
NORTH CHICAGO, ILLINOIS



EPS Environmental Services, Inc.
7237 West Devon Avenue, Chicago, Illinois 60631

Scale:
1 inch = 50 feet



Date: 04/22/2022
IEMA # 20220253

AR00027

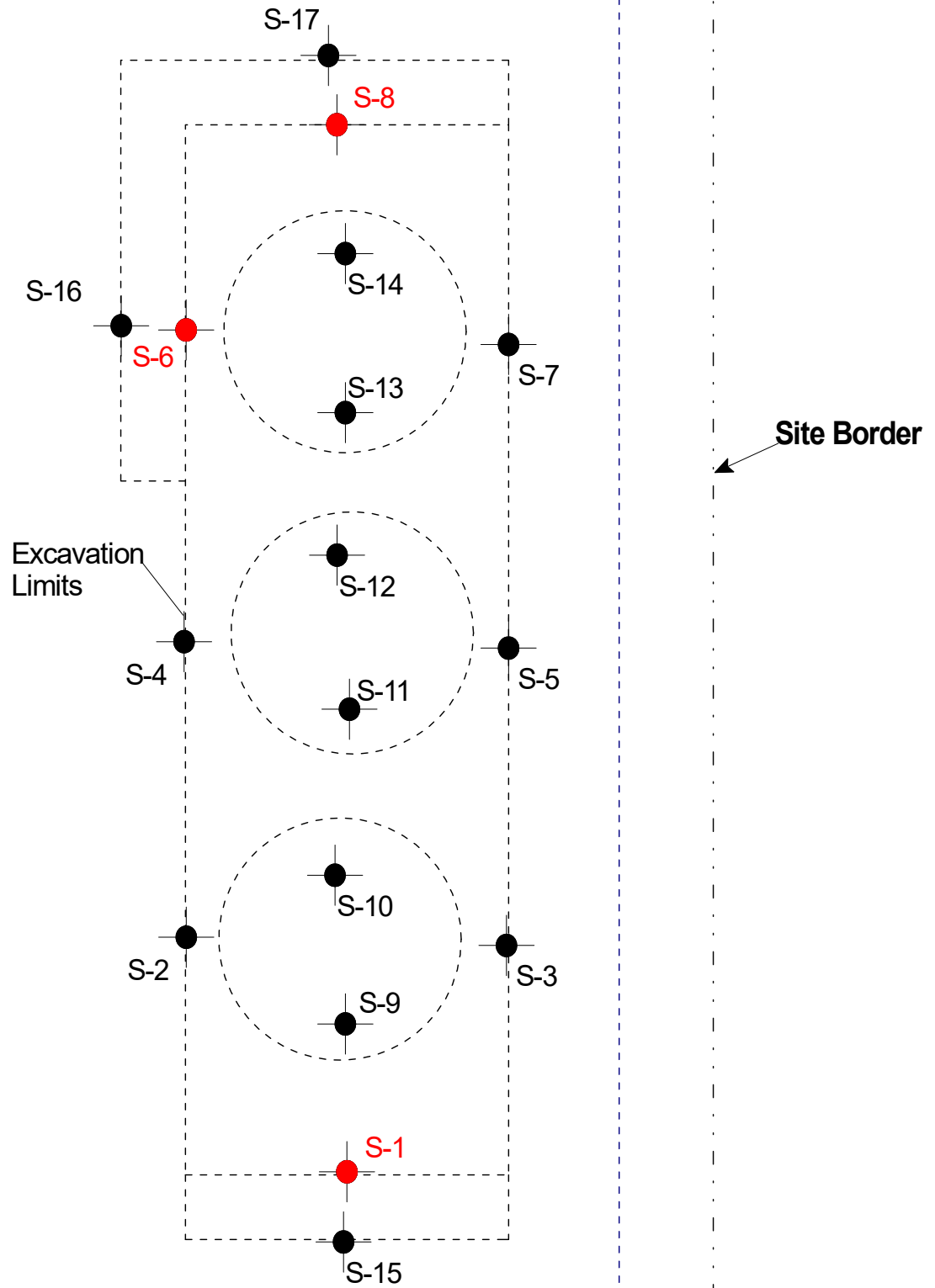


FIGURE 3 - SAMPLE MAP

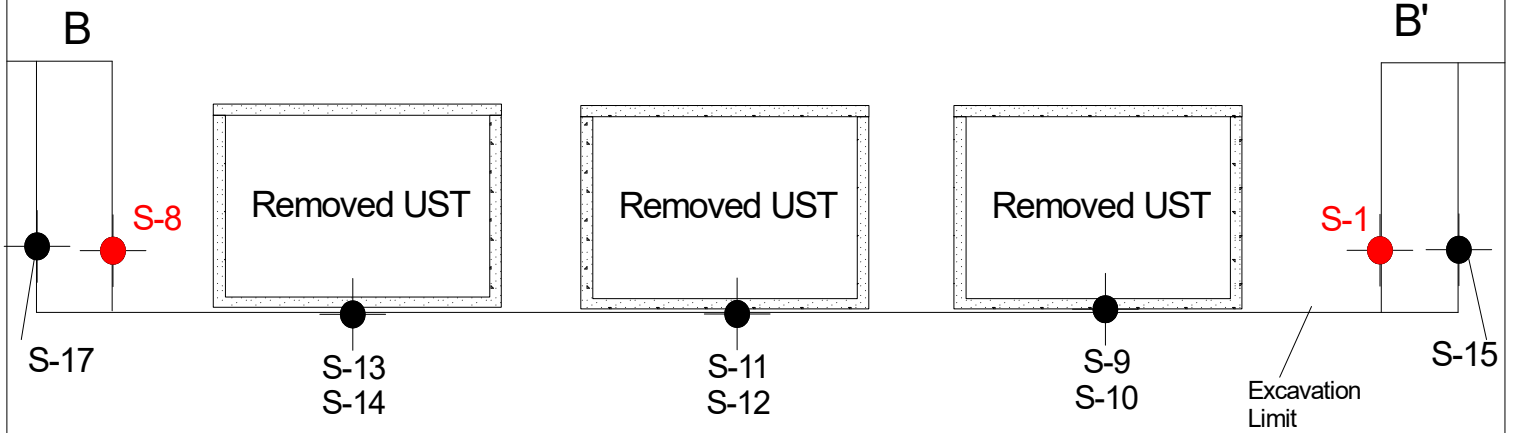
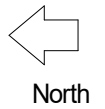
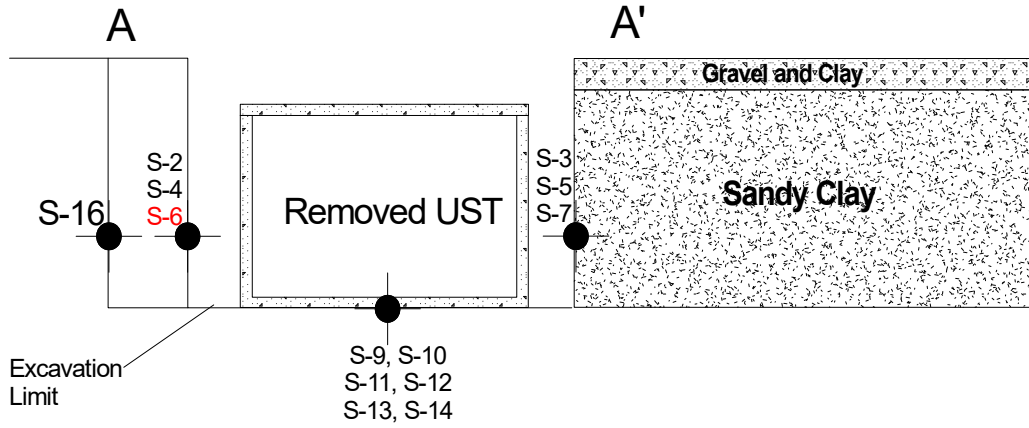
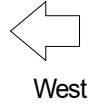
2525 GREENFIELD LANE
NORTH CHICAGO, ILLINOIS



EPS Environmental Services, Inc.
7237 West Devon Avenue, Chicago, Illinois 60631

Scale:
1 inch = 10 feet
0' 10'

Date: 04/22/2022
IEMA #: 20220253
AR00028



- S-2 = Excavation Soil Sample
- S-1 = Sample Exceeds Tier 1 SROs

FIGURE 4 - CROSS SECTIONS A-A' AND B-B'

2525 GREENFIELD LANE
NORTH CHICAGO, ILLINOIS

EPS Environmental Services, Inc.
7237 West Devon Avenue, Chicago, Illinois 60631

Scale:
1 inch = 10 feet
0' 10'

Date: 04/22/2022
IEMA # 20220253
AR00029



FIGURE 5 - POTABLE WELL MAP

2525 GREENFIELD LANE
NORTH CHICAGO, ILLINOIS



EPS Environmental Services, Inc.
7237 West Devon Avenue, Chicago, Illinois 60631

● 4 = CURRENT/HISTORIC POTABLE WELL LOCATION

Not to Scale

Date: 04/21/2022
IEMA # 20220253
AR000030



Electronic Filing: Received, Clerk's Office 10/27/2022

LUST Incident No. 20220253
Emco Chemical Distributors, Inc.
2525 Greenfield Lane
North Chicago, Illinois
LPC #: 0971255169

APPENDIX B

Comparison Table

Electronic Filing: Received, Clerk's Office 10/27/2022

Project: 2525 Greenfield Lane, North Chicago, Illinois
 Project #: 22850-1030

Table 1. Soil BETX and PNA Analytical Results

Chemical Name	Exposure Route-Specific SROs*				Soil Component of GW Ingestion Route*		Background Within MSA** (not Chicago)	S-BF	S-1	S-2	S-3	S-4	S-5
	Residential		Construction Worker		Class I	Class II							
	ingestion	inhalation	ingestion	inhalation									
Sampling Date								3/24/2022	3/24/2022	3/24/2022	3/24/2022	3/24/2022	3/24/2022
BETX													
Benzene	12	0.8	2,300	2.2	0.03	0.17	----	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300	<0.0300
Ethylbenzene	7,800	400	20,000	58	13	19	----	<0.0939	<0.105	<0.112	<0.0929	<0.0876	<0.0821
Toluene	16,000	650	410,000	42	12	29	----	<0.375	<0.420	<0.448	<0.372	<0.351	<0.328
Xylenes (total)	16,000	320	41,000	5.6	150	150	----	<0.375	<0.420	<0.448	<0.372	<0.351	<0.328
PNAs													
Acenaphthene	4,700	NRO	120,000	NRO	570	2,900	0.13	0.671	1.23	0.218	<0.0180	0.239	<0.0163
Acenaphthylene^	23,464	NRO	61,214	NRO	43	214	0.07	<0.158	0.416	0.170	<0.0180	0.149	<0.0163
Anthracene	23,000	NRO	610,000	NRO	12,000	59,000	0.4	0.253	2.37	0.264	0.0188	0.287	<0.0163
Benzo(a)anthracene	0.9	NRO	170	NRO	2	8	1.8	<0.158	7.42	0.166	0.0432	0.144	<0.0163
Benzo(a)pyrene	0.09	NRO	17	NRO	8	82	2.1	0.213	6.67	0.0955	0.0382	0.0854	<0.0163
Benzo(b)fluoranthene	0.9	NRO	170	NRO	5	25	2.1	0.260	8.48	0.0751	0.0458	0.0468	<0.0163
Benzo(g,h,i)perylene^	23,464	NRO	61,214	NRO	16,380	81,902	1.7	0.171	4.02	0.0537	0.0211	0.0586	<0.0163
Benzo(k)fluoranthene	9	NRO	1,700	NRO	49	250	1.7	<0.158	2.80	0.0194	<0.0180	<0.0177	<0.0163
Chrysene	88	NRO	17,000	NRO	160	800	2.7	<0.158	7.33	0.318	0.0465	0.271	<0.0163
Dibenzo(a,h)anthracene	0.09	NRO	17	NRO	2	7.6	0.42	<0.0900	0.944	<0.0173	<0.0180	<0.0177	<0.0163
Fluoranthene	3,100	NRO	82,000	NRO	4,300	21,000	4.1	0.240	16.8	0.337	0.119	0.131	<0.0163
Fluorene	3,100	NRO	82,000	NRO	560	2,800	0.18	0.609	1.17	0.776	<0.0180	0.607	<0.0163
Indeno(1,2,3-cd)pyrene	0.9	NRO	170	NRO	14	69	1.6	<0.158	4.63	0.0286	0.0246	0.0214	<0.0163
Naphthalene	1,600	170	4,100	1.8	12	18	0.2	0.231	0.203	1.62	<0.0180	1.45	<0.0163
Phenanthrene^	23,464	NRO	61,214	NRO	141	704	2.5	<0.158	12.2	2.62	0.112	1.98	<0.0163
Pyrene	2,300	NRO	61,000	NRO	4,200	21,000	3	0.490	12.8	0.549	0.0869	0.598	<0.0163

* Illinois EPA Tier 1 Soil Remediation Objectives (SROs); 35 IAC 742, Appendix B, Table A (Residential)

** 35 IAC Part 732 Appendix A, Table H

All results in parts per million (mg/Kg) unless noted otherwise

NRO = No Remediation Objective

Results in **Bold/Shaded** indicate concentrations exceeding most stringent Tier 1 SROs.

^Non Taco Remediation Objectives were calculated using US EPA RSL tables and Equations from 35 IAC Part 742

Project: 2525 Greenfield Lane, North Chicago, Illinois
 Project #: 22850-1030

Table 1. Soil BETX and PNA Analytical Results

Chemical Name	Exposure Route-Specific SROs*				Soil Component of GW Ingestion Route*		Background Within MSA** (not Chicago)	S-6	S-7	S-8	S-9	S-10	S-11
	Residential		Construction Worker		Class I	Class II							
	ingestion	inhalation	ingestion	inhalation									
Sampling Date								3/24/2022	3/24/2022	3/24/2022	4/1/2022	4/1/2022	4/6/2022
BETX													
Benzene	12	0.8	2,300	2.2	0.03	0.17	----	0.0312	<0.0300	0.0516	< 0.0036	< 0.0036	<0.00173
Ethylbenzene	7,800	400	20,000	58	13	19	----	0.353	<0.0861	0.120	< 0.0036	< 0.0036	<0.00692
Toluene	16,000	650	410,000	42	12	29	----	<0.416	<0.344	<0.397	< 0.0036	< 0.0036	<0.00173
Xylenes (total)	16,000	320	41,000	5.6	150	150	----	1.26	<0.344	<0.397	< 0.011	< 0.011	<0.0104
PNAs													
Acenaphthene	4,700	NRO	120,000	NRO	570	2,900	0.13	1.12	1.60	5.44	< 0.039	< 0.038	<0.0175
Acenaphthylene^	23,464	NRO	61,214	NRO	43	214	0.07	0.569	0.687	3.90	< 0.039	< 0.038	<0.0175
Anthracene	23,000	NRO	610,000	NRO	12,000	59,000	0.4	0.863	1.00	1.94	< 0.039	< 0.038	<0.0175
Benzo(a)anthracene	0.9	NRO	170	NRO	2	8	1.8	0.962	0.287	0.523	< 0.039	< 0.038	<0.0175
Benzo(a)pyrene	0.09	NRO	17	NRO	8	82	2.1	0.758	0.148	0.273	< 0.039	< 0.038	<0.0175
Benzo(b)fluoranthene	0.9	NRO	170	NRO	5	25	2.1	0.993	0.0656	0.206	< 0.039	< 0.038	<0.0175
Benzo(g,h,i)perylene^	23,464	NRO	61,214	NRO	16,380	81,902	1.7	0.396	0.101	0.181	< 0.039	< 0.038	<0.0175
Benzo(k)fluoranthene	9	NRO	1,700	NRO	49	250	1.7	0.340	<0.0160	<0.0874	< 0.039	< 0.038	<0.0175
Chrysene	88	NRO	17,000	NRO	160	800	2.7	0.969	0.434	0.856	< 0.039	< 0.038	<0.0175
Dibenzo(a,h)anthracene	0.09	NRO	17	NRO	2	7.6	0.42	0.0990	0.0183	<0.0874	< 0.039	< 0.038	<0.0175
Fluoranthene	3,100	NRO	82,000	NRO	4,300	21,000	4.1	2.05	0.213	0.657	< 0.039	< 0.038	<0.0175
Fluorene	3,100	NRO	82,000	NRO	560	2,800	0.18	1.78	2.13	9.80	< 0.039	< 0.038	<0.0175
Indeno(1,2,3-cd)pyrene	0.9	NRO	170	NRO	14	69	1.6	0.454	0.0297	0.109	< 0.039	< 0.038	<0.0175
Naphthalene	1,600	170	4,100	1.8	12	18	0.2	12.1	5.12	35.9	< 0.039	< 0.038	<0.0175
Phenanthrene^	23,464	NRO	61,214	NRO	141	704	2.5	5.60	6.14	10.5	0.057	0.053	<0.0175
Pyrene	2,300	NRO	61,000	NRO	4,200	21,000	3	2.17	1.36	2.49	< 0.039	< 0.038	<0.0175

* Illinois EPA Tier 1 Soil Remediation Objectives (SROs); 35 IAC 742, Appendix B, Table A (Residential)

** 35 IAC Part 732 Appendix A, Table H

All results in parts per million (mg/Kg) unless noted otherwise

NRO = No Remediation Objective

Results in **Bold/Shaded** indicate concentrations exceeding most stringent Tier 1 SROs.

^Non Taco Remediation Objectives were calculated using US EPA RSL tables and Equations from 35 IAC Part 742

Electronic Filing: Received, Clerk's Office 10/27/2022

Project: 2525 Greenfield Lane, North Chicago, Illinois
 Project #: 22850-1030

Table 1. Soil BETX and PNA Analytical Results

Chemical Name	Exposure Route-Specific SROs*				Soil Component of GW Ingestion Route*		Background Within MSA** (not Chicago)	S-12	S-13	S-14	S-15	S-16	S-17
	Residential		Construction Worker		Class I	Class II							
	ingestion	inhalation	ingestion	inhalation									
Sampling Date								4/6/2022	4/6/2022	4/6/2022	4/6/2022	4/6/2022	4/6/2022
BETX													
Benzene	12	0.8	2,300	2.2	0.03	0.17	----	0.00247	0.00329	<0.000832	<0.00153	<0.00145	<0.00143
Ethylbenzene	7,800	400	20,000	58	13	19	----	<0.00635	<0.00593	<0.00333	<0.00613	<0.00580	<0.00571
Toluene	16,000	650	410,000	42	12	29	----	0.00202	0.00612	<0.000832	<0.00153	<0.00145	<0.00143
Xylenes (total)	16,000	320	41,000	5.6	150	150	----	<0.00953	<0.00890	<0.00499	<0.00920	<0.00871	<0.00856
PNAs													
Acenaphthene	4,700	NRO	120,000	NRO	570	2,900	0.13	<0.0187	<0.0163	<0.0176	<0.0184	<0.0164	<0.0167
Acenaphthylene^	23,464	NRO	61,214	NRO	43	214	0.07	<0.0187	<0.0163	<0.0176	<0.0184	<0.0164	<0.0167
Anthracene	23,000	NRO	610,000	NRO	12,000	59,000	0.4	<0.0187	<0.0163	<0.0176	<0.0184	<0.0164	<0.0167
Benzo(a)anthracene	0.9	NRO	170	NRO	2	8	1.8	<0.0187	<0.0163	<0.0176	<0.0184	<0.0164	<0.0167
Benzo(a)pyrene	0.09	NRO	17	NRO	8	82	2.1	<0.0187	<0.0163	<0.0176	<0.0184	<0.0164	<0.0167
Benzo(b)fluoranthene	0.9	NRO	170	NRO	5	25	2.1	<0.0187	<0.0163	<0.0176	<0.0184	<0.0164	<0.0167
Benzo(g,h,i)perylene^	23,464	NRO	61,214	NRO	16,380	81,902	1.7	<0.0187	<0.0163	<0.0176	<0.0184	<0.0164	<0.0167
Benzo(k)fluoranthene	9	NRO	1,700	NRO	49	250	1.7	<0.0187	<0.0163	<0.0176	<0.0184	<0.0164	<0.0167
Chrysene	88	NRO	17,000	NRO	160	800	2.7	<0.0187	<0.0163	<0.0176	<0.0184	<0.0164	<0.0167
Dibenzo(a,h)anthracene	0.09	NRO	17	NRO	2	7.6	0.42	<0.0187	<0.0163	<0.0176	<0.0184	<0.0164	<0.0167
Fluoranthene	3,100	NRO	82,000	NRO	4,300	21,000	4.1	<0.0187	<0.0163	<0.0176	<0.0184	<0.0164	<0.0167
Fluorene	3,100	NRO	82,000	NRO	560	2,800	0.18	<0.0187	<0.0163	<0.0176	<0.0184	<0.0164	<0.0167
Indeno(1,2,3-cd)pyrene	0.9	NRO	170	NRO	14	69	1.6	<0.0187	<0.0163	<0.0176	<0.0184	<0.0164	<0.0167
Naphthalene	1,600	170	4,100	1.8	12	18	0.2	<0.0187	1.14	<0.0176	<0.0184	<0.0164	<0.0167
Phenanthrene^	23,464	NRO	61,214	NRO	141	704	2.5	0.0469	0.0206	<0.0176	<0.0184	<0.0164	<0.0167
Pyrene	2,300	NRO	61,000	NRO	4,200	21,000	3	<0.0187	<0.0163	<0.0176	<0.0184	<0.0164	<0.0167

* Illinois EPA Tier 1 Soil Remediation Objectives (SROs); 35 IAC 742, Appendix B, Table A (Residential)

** 35 IAC Part 732 Appendix A, Table H

All results in parts per million (mg/Kg) unless noted otherwise

NRO = No Remediation Objective

Results in **Bold/Shaded** indicate concentrations exceeding most stringent Tier 1 SROs.

^Non Taco Remediation Objectives were calculated using US EPA RSL tables and Equations from 35 IAC Part 742



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LUST Incident No. 20220253
Emco Chemical Distributors, Inc.
2525 Greenfield Lane
North Chicago, Illinois
LPC #: 0971255169

APPENDIX C

Laboratory Report, Chain of Custody
and Certification



Analytical Report

Nick Cuzzone
EPS Environmental Services, Inc.
7237 W. Devon Avenue
Chicago, IL 60631-1621

April 04, 2022

Work Order: 22C0995

RE: NELAC
3525 Greenfield Lane, Chicago, IL

Dear Nick Cuzzone:

Enclosed are the analytical reports for the EMT Work Order listed. Also included with this analytical report is a copy of the chain of custody associated with these samples. If you have any questions, please contact me.

Sincerely,

Approved by,

Handwritten signature of Arminta Priddy in blue ink.

Arminta Priddy
Project Manager
847.967.6666
apriddy@emt.com

Approved for release: 4/4/2022 4:17:58PM

Handwritten signature of Matthew Gregory in blue ink.

Matthew Gregory
Technical Manager

The contents of this report apply to the sample(s) analyzed. No duplication is allowed except in its entirety. Detection and Reporting limits are adjusted for sample size used, dilutions and moisture content, if applicable.

State of Illinois, NELAP Accredited Lab No. 100256, Cert No. 1002562021-6



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Sample Summary

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S-1	22C0995-01	Soil	03/24/22 08:30	03/28/22 15:32
S-2	22C0995-02	Soil	03/24/22 09:30	03/28/22 15:32
S-3	22C0995-03	Soil	03/24/22 10:00	03/28/22 15:32
S-4	22C0995-04	Soil	03/24/22 10:45	03/28/22 15:32
S-5	22C0995-05	Soil	03/24/22 12:00	03/28/22 15:32
S-6	22C0995-06	Soil	03/25/22 10:00	03/28/22 15:32
S-7	22C0995-07	Soil	03/25/22 11:00	03/28/22 15:32
S-8	22C0995-08	Soil	03/25/22 11:30	03/28/22 15:32
S-BF	22C0995-09	Soil	03/24/22 13:30	03/28/22 15:32



Case Narrative

Client: EPS Environmental Services, Inc.
Project: NELAC
 3525 Greenfield Lane, Chicago, IL
Work Order: 22C0995

Date: 04/04/2022

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

Refer to Qualifiers and Definitions for quality and analytical clarifications or deviations.

Sample results only relate to the sample(s) received at the laboratory and analytes of interest tested.

Work Order: 22C0995

The samples were received on 03/28/22 15:32. The temperature of the cooler(s) at receipt was:

<u>Cooler</u>	<u>Temp C°</u>
Default Cooler	4.9

The samples were received in good condition and were properly preserved.

GCMS Volatiles

8260B_VOC_5035_HIGH

22C0995-09: The surrogate spike compound 4-bromofluorobenzene recovered outside control criteria (80% - 126%) at 146%. As all other pertinent quality indicators were acceptable, this exceedance would be attributed to sample matrix.



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Client Sample Results

Client: EPS Environmental Services, Inc.
Project: NELAC
 3525 Greenfield Lane, Chicago, IL
Work Order: 22C0995

Client Sample ID: S-1
Report Date: 04/04/2022
Collection Date: 03/24/2022 08:30
Matrix: Soil
Lab ID: 22C0995-01

Analyses	Result	EMT Reporting		Qual	Units	Date/Time Analyzed	Batch	Analyst		
		Limit								
Wet Chemistry										
Method: SM2540G										
Total Solids	82.5	0.100			% (Percent)	03/29/22 04:27	B2C1043	MKP		
Volatile Organic Compounds by GC/MS										
Method: SW8260B/D / SW5035										
Benzene	< 0.0300	0.0300			mg/Kg dry	03/29/22 19:10	B2C1119	KS1		
Ethylbenzene	< 0.105	0.105			mg/Kg dry	03/29/22 19:10	B2C1119	KS1		
Toluene	< 0.420	0.420			mg/Kg dry	03/29/22 19:10	B2C1119	KS1		
Xylenes, Total	< 0.420	0.420			mg/Kg dry	03/29/22 19:10	B2C1119	KS1		
Surrogate: Fluorobenzene						Recovery: 105%	Limits: 87-109	03/29/22 19:10	B2C1119	KS1
Surrogate: Toluene-d8						Recovery: 101%	Limits: 84-119	03/29/22 19:10	B2C1119	KS1
Surrogate: 4-Bromofluorobenzene						Recovery: 100%	Limits: 80-126	03/29/22 19:10	B2C1119	KS1
Semivolatile Organic Compounds by GC/MS										
Method: SW8270D SIM / SW3550										
Acenaphthene	1.23	0.0894			mg/Kg dry	04/01/22 20:37	B2C1104	AJH		
Acenaphthylene	0.416	0.0894			mg/Kg dry	04/01/22 20:37	B2C1104	AJH		
Anthracene	2.37	0.0894			mg/Kg dry	04/01/22 20:37	B2C1104	AJH		
Benzo(a)anthracene	7.42	0.0894			mg/Kg dry	04/01/22 20:37	B2C1104	AJH		
Benzo(a)pyrene	6.67	0.0894			mg/Kg dry	04/01/22 20:37	B2C1104	AJH		
Benzo(b)fluoranthene	8.48	0.0894			mg/Kg dry	04/01/22 20:37	B2C1104	AJH		
Benzo(g,h,i)perylene	4.02	0.0894			mg/Kg dry	04/01/22 20:37	B2C1104	AJH		
Benzo(k)fluoranthene	2.80	0.0894			mg/Kg dry	04/01/22 20:37	B2C1104	AJH		
Chrysene	7.33	0.0894			mg/Kg dry	04/01/22 20:37	B2C1104	AJH		
Dibenzo(a,h)anthracene	0.944	0.0894			mg/Kg dry	04/01/22 20:37	B2C1104	AJH		
Fluoranthene	16.8	0.0894			mg/Kg dry	04/01/22 20:37	B2C1104	AJH		
Fluorene	1.17	0.0894			mg/Kg dry	04/01/22 20:37	B2C1104	AJH		
Indeno(1,2,3-cd)pyrene	4.63	0.0894			mg/Kg dry	04/01/22 20:37	B2C1104	AJH		
Naphthalene	0.203	0.0894			mg/Kg dry	04/01/22 20:37	B2C1104	AJH		
Phenanthrene	12.2	0.0894			mg/Kg dry	04/01/22 20:37	B2C1104	AJH		
Pyrene	12.8	0.0894			mg/Kg dry	04/01/22 20:37	B2C1104	AJH		
Surrogate: 2-Methylnaphthalene-d10						Recovery: 85%	Limits: 58-127	04/01/22 20:37	B2C1104	AJH
Surrogate: Fluoranthene-d10						Recovery: 91%	Limits: 42-130	04/01/22 20:37	B2C1104	AJH



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Client Sample Results

(Continued)

Client: EPS Environmental Services, Inc.
Project: NELAC
 3525 Greenfield Lane, Chicago, IL
Work Order: 22C0995

Client Sample ID: S-2
Report Date: 04/04/2022
Collection Date: 03/24/2022 09:30
Matrix: Soil
Lab ID: 22C0995-02

Analyses	Result	EMT Reporting		Qual	Units	Date/Time Analyzed	Batch	Analyst	
		Limit							
Wet Chemistry									
Method: SM2540G									
Total Solids	81.7	0.100			% (Percent)	03/29/22 04:29	B2C1043	MKP	
Volatile Organic Compounds by GC/MS									
Method: SW8260B/D / SW5035									
Benzene	< 0.0300	0.0300			mg/Kg dry	03/29/22 19:35	B2C1119	KS1	
Ethylbenzene	< 0.112	0.112			mg/Kg dry	03/29/22 19:35	B2C1119	KS1	
Toluene	< 0.448	0.448			mg/Kg dry	03/29/22 19:35	B2C1119	KS1	
Xylenes, Total	< 0.448	0.448			mg/Kg dry	03/29/22 19:35	B2C1119	KS1	
Surrogate: Fluorobenzene						Recovery: 100%	Limits: 87-109	03/29/22 19:35	B2C1119 KS1
Surrogate: Toluene-d8						Recovery: 100%	Limits: 84-119	03/29/22 19:35	B2C1119 KS1
Surrogate: 4-Bromofluorobenzene						Recovery: 95%	Limits: 80-126	03/29/22 19:35	B2C1119 KS1
Semivolatile Organic Compounds by GC/MS									
Method: SW8270D SIM / SW3550									
Acenaphthene	0.218	0.0173			mg/Kg dry	04/01/22 15:47	B2C1104	AJH	
Acenaphthylene	0.170	0.0173			mg/Kg dry	04/01/22 15:47	B2C1104	AJH	
Anthracene	0.264	0.0173			mg/Kg dry	04/01/22 15:47	B2C1104	AJH	
Benzo(a)anthracene	0.166	0.0173			mg/Kg dry	04/01/22 15:47	B2C1104	AJH	
Benzo(a)pyrene	0.0955	0.0173			mg/Kg dry	04/01/22 15:47	B2C1104	AJH	
Benzo(b)fluoranthene	0.0751	0.0173			mg/Kg dry	04/01/22 15:47	B2C1104	AJH	
Benzo(g,h,i)perylene	0.0537	0.0173			mg/Kg dry	04/01/22 15:47	B2C1104	AJH	
Benzo(k)fluoranthene	0.0194	0.0173			mg/Kg dry	04/01/22 15:47	B2C1104	AJH	
Chrysene	0.318	0.0173			mg/Kg dry	04/01/22 15:47	B2C1104	AJH	
Dibenzo(a,h)anthracene	< 0.0173	0.0173			mg/Kg dry	04/01/22 15:47	B2C1104	AJH	
Fluoranthene	0.337	0.0173			mg/Kg dry	04/01/22 15:47	B2C1104	AJH	
Fluorene	0.776	0.0173			mg/Kg dry	04/01/22 15:47	B2C1104	AJH	
Indeno(1,2,3-cd)pyrene	0.0286	0.0173			mg/Kg dry	04/01/22 15:47	B2C1104	AJH	
Naphthalene	1.62	0.0173			mg/Kg dry	04/01/22 15:47	B2C1104	AJH	
Phenanthrene	2.62	0.0173			mg/Kg dry	04/01/22 15:47	B2C1104	AJH	
Pyrene	0.549	0.0173			mg/Kg dry	04/01/22 15:47	B2C1104	AJH	
Surrogate: 2-Methylnaphthalene-d10						Recovery: 88%	Limits: 58-127	04/01/22 15:47	B2C1104 AJH
Surrogate: Fluoranthene-d10						Recovery: 86%	Limits: 42-130	04/01/22 15:47	B2C1104 AJH



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Client Sample Results

(Continued)

Client: EPS Environmental Services, Inc.
Project: NELAC
 3525 Greenfield Lane, Chicago, IL
Work Order: 22C0995

Client Sample ID: S-3
Report Date: 04/04/2022
Collection Date: 03/24/2022 10:00
Matrix: Soil
Lab ID: 22C0995-03

Analyses	Result	EMT Reporting		Units	Date/Time Analyzed	Batch	Analyst	
		Limit	Qual					
Wet Chemistry								
Method: SM2540G								
Total Solids	83.9	0.100		% (Percent)	03/29/22 04:31	B2C1043	MKP	
Volatile Organic Compounds by GC/MS								
Method: SW8260B/D / SW5035								
Benzene	< 0.0300	0.0300		mg/Kg dry	03/29/22 20:00	B2C1119	KS1	
Ethylbenzene	< 0.0929	0.0929		mg/Kg dry	03/29/22 20:00	B2C1119	KS1	
Toluene	< 0.372	0.372		mg/Kg dry	03/29/22 20:00	B2C1119	KS1	
Xylenes, Total	< 0.372	0.372		mg/Kg dry	03/29/22 20:00	B2C1119	KS1	
Surrogate: Fluorobenzene				Recovery: 104%	Limits: 87-109	03/29/22 20:00	B2C1119	KS1
Surrogate: Toluene-d8				Recovery: 99%	Limits: 84-119	03/29/22 20:00	B2C1119	KS1
Surrogate: 4-Bromofluorobenzene				Recovery: 100%	Limits: 80-126	03/29/22 20:00	B2C1119	KS1
Semivolatile Organic Compounds by GC/MS								
Method: SW8270D SIM / SW3550								
Acenaphthene	< 0.0180	0.0180		mg/Kg dry	04/01/22 16:06	B2C1104	AJH	
Acenaphthylene	< 0.0180	0.0180		mg/Kg dry	04/01/22 16:06	B2C1104	AJH	
Anthracene	0.0188	0.0180		mg/Kg dry	04/01/22 16:06	B2C1104	AJH	
Benzo(a)anthracene	0.0432	0.0180		mg/Kg dry	04/01/22 16:06	B2C1104	AJH	
Benzo(a)pyrene	0.0382	0.0180		mg/Kg dry	04/01/22 16:06	B2C1104	AJH	
Benzo(b)fluoranthene	0.0458	0.0180		mg/Kg dry	04/01/22 16:06	B2C1104	AJH	
Benzo(g,h,i)perylene	0.0211	0.0180		mg/Kg dry	04/01/22 16:06	B2C1104	AJH	
Benzo(k)fluoranthene	< 0.0180	0.0180		mg/Kg dry	04/01/22 16:06	B2C1104	AJH	
Chrysene	0.0465	0.0180		mg/Kg dry	04/01/22 16:06	B2C1104	AJH	
Dibenzo(a,h)anthracene	< 0.0180	0.0180		mg/Kg dry	04/01/22 16:06	B2C1104	AJH	
Fluoranthene	0.119	0.0180		mg/Kg dry	04/01/22 16:06	B2C1104	AJH	
Fluorene	< 0.0180	0.0180		mg/Kg dry	04/01/22 16:06	B2C1104	AJH	
Indeno(1,2,3-cd)pyrene	0.0246	0.0180		mg/Kg dry	04/01/22 16:06	B2C1104	AJH	
Naphthalene	< 0.0180	0.0180		mg/Kg dry	04/01/22 16:06	B2C1104	AJH	
Phenanthrene	0.112	0.0180		mg/Kg dry	04/01/22 16:06	B2C1104	AJH	
Pyrene	0.0869	0.0180		mg/Kg dry	04/01/22 16:06	B2C1104	AJH	
Surrogate: 2-Methylnaphthalene-d10				Recovery: 64%	Limits: 58-127	04/01/22 16:06	B2C1104	AJH
Surrogate: Fluoranthene-d10				Recovery: 55%	Limits: 42-130	04/01/22 16:06	B2C1104	AJH



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Client Sample Results

(Continued)

Client: EPS Environmental Services, Inc.
Project: NELAC
 3525 Greenfield Lane, Chicago, IL
Work Order: 22C0995

Client Sample ID: S-4
Report Date: 04/04/2022
Collection Date: 03/24/2022 10:45
Matrix: Soil
Lab ID: 22C0995-04

Analyses	Result	EMT Reporting		Units	Date/Time Analyzed	Batch	Analyst	
		Limit	Qual					
Wet Chemistry								
Method: SM2540G								
Total Solids	83.8	0.100		% (Percent)	03/29/22 04:33	B2C1043	MKP	
Volatile Organic Compounds by GC/MS								
Method: SW8260B/D / SW5035								
Benzene	< 0.0300	0.0300		mg/Kg dry	03/29/22 20:24	B2C1119	KS1	
Ethylbenzene	< 0.0876	0.0876		mg/Kg dry	03/29/22 20:24	B2C1119	KS1	
Toluene	< 0.351	0.351		mg/Kg dry	03/29/22 20:24	B2C1119	KS1	
Xylenes, Total	< 0.351	0.351		mg/Kg dry	03/29/22 20:24	B2C1119	KS1	
Surrogate: Fluorobenzene				Recovery: 102%	Limits: 87-109	03/29/22 20:24	B2C1119	KS1
Surrogate: Toluene-d8				Recovery: 105%	Limits: 84-119	03/29/22 20:24	B2C1119	KS1
Surrogate: 4-Bromofluorobenzene				Recovery: 103%	Limits: 80-126	03/29/22 20:24	B2C1119	KS1
Semivolatile Organic Compounds by GC/MS								
Method: SW8270D SIM / SW3550								
Acenaphthene	0.239	0.0177		mg/Kg dry	04/01/22 16:26	B2C1104	AJH	
Acenaphthylene	0.149	0.0177		mg/Kg dry	04/01/22 16:26	B2C1104	AJH	
Anthracene	0.287	0.0177		mg/Kg dry	04/01/22 16:26	B2C1104	AJH	
Benzo(a)anthracene	0.144	0.0177		mg/Kg dry	04/01/22 16:26	B2C1104	AJH	
Benzo(a)pyrene	0.0854	0.0177		mg/Kg dry	04/01/22 16:26	B2C1104	AJH	
Benzo(b)fluoranthene	0.0468	0.0177		mg/Kg dry	04/01/22 16:26	B2C1104	AJH	
Benzo(g,h,i)perylene	0.0586	0.0177		mg/Kg dry	04/01/22 16:26	B2C1104	AJH	
Benzo(k)fluoranthene	< 0.0177	0.0177		mg/Kg dry	04/01/22 16:26	B2C1104	AJH	
Chrysene	0.271	0.0177		mg/Kg dry	04/01/22 16:26	B2C1104	AJH	
Dibenzo(a,h)anthracene	< 0.0177	0.0177		mg/Kg dry	04/01/22 16:26	B2C1104	AJH	
Fluoranthene	0.131	0.0177		mg/Kg dry	04/01/22 16:26	B2C1104	AJH	
Fluorene	0.607	0.0177		mg/Kg dry	04/01/22 16:26	B2C1104	AJH	
Indeno(1,2,3-cd)pyrene	0.0214	0.0177		mg/Kg dry	04/01/22 16:26	B2C1104	AJH	
Naphthalene	1.45	0.0177		mg/Kg dry	04/01/22 16:26	B2C1104	AJH	
Phenanthrene	1.98	0.0177		mg/Kg dry	04/01/22 16:26	B2C1104	AJH	
Pyrene	0.598	0.0177		mg/Kg dry	04/01/22 16:26	B2C1104	AJH	
Surrogate: 2-Methylnaphthalene-d10				Recovery: 89%	Limits: 58-127	04/01/22 16:26	B2C1104	AJH
Surrogate: Fluoranthene-d10				Recovery: 83%	Limits: 42-130	04/01/22 16:26	B2C1104	AJH



Client Sample Results

(Continued)

Client: EPS Environmental Services, Inc.
Project: NELAC
 3525 Greenfield Lane, Chicago, IL
Work Order: 22C0995

Client Sample ID: S-5
Report Date: 04/04/2022
Collection Date: 03/24/2022 12:00
Matrix: Soil
Lab ID: 22C0995-05

Analyses	Result	EMT Reporting		Qual	Units	Date/Time Analyzed	Batch	Analyst
		Limit						

Wet Chemistry

Method: SM2540G

Total Solids	85.5	0.100			% (Percent)	03/29/22 04:35	B2C1043	MKP
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Volatile Organic Compounds by GC/MS

Method: SW8260B/D / SW5035

Benzene	< 0.0300	0.0300			mg/Kg dry	03/29/22 20:49	B2C1119	KS1		
Ethylbenzene	< 0.0821	0.0821			mg/Kg dry	03/29/22 20:49	B2C1119	KS1		
Toluene	< 0.328	0.328			mg/Kg dry	03/29/22 20:49	B2C1119	KS1		
Xylenes, Total	< 0.328	0.328			mg/Kg dry	03/29/22 20:49	B2C1119	KS1		
<i>Surrogate: Fluorobenzene</i>						<i>Recovery: 105%</i>	<i>Limits: 87-109</i>	<i>03/29/22 20:49</i>	<i>B2C1119</i>	<i>KS1</i>
<i>Surrogate: Toluene-d8</i>						<i>Recovery: 102%</i>	<i>Limits: 84-119</i>	<i>03/29/22 20:49</i>	<i>B2C1119</i>	<i>KS1</i>
<i>Surrogate: 4-Bromofluorobenzene</i>						<i>Recovery: 89%</i>	<i>Limits: 80-126</i>	<i>03/29/22 20:49</i>	<i>B2C1119</i>	<i>KS1</i>

Semivolatile Organic Compounds by GC/MS

Method: SW8270D SIM / SW3550

Acenaphthene	< 0.0163	0.0163			mg/Kg dry	04/01/22 16:45	B2C1104	AJH		
Acenaphthylene	< 0.0163	0.0163			mg/Kg dry	04/01/22 16:45	B2C1104	AJH		
Anthracene	< 0.0163	0.0163			mg/Kg dry	04/01/22 16:45	B2C1104	AJH		
Benzo(a)anthracene	< 0.0163	0.0163			mg/Kg dry	04/01/22 16:45	B2C1104	AJH		
Benzo(a)pyrene	< 0.0163	0.0163			mg/Kg dry	04/01/22 16:45	B2C1104	AJH		
Benzo(b)fluoranthene	< 0.0163	0.0163			mg/Kg dry	04/01/22 16:45	B2C1104	AJH		
Benzo(g,h,i)perylene	< 0.0163	0.0163			mg/Kg dry	04/01/22 16:45	B2C1104	AJH		
Benzo(k)fluoranthene	< 0.0163	0.0163			mg/Kg dry	04/01/22 16:45	B2C1104	AJH		
Chrysene	< 0.0163	0.0163			mg/Kg dry	04/01/22 16:45	B2C1104	AJH		
Dibenzo(a,h)anthracene	< 0.0163	0.0163			mg/Kg dry	04/01/22 16:45	B2C1104	AJH		
Fluoranthene	< 0.0163	0.0163			mg/Kg dry	04/01/22 16:45	B2C1104	AJH		
Fluorene	< 0.0163	0.0163			mg/Kg dry	04/01/22 16:45	B2C1104	AJH		
Indeno(1,2,3-cd)pyrene	< 0.0163	0.0163			mg/Kg dry	04/01/22 16:45	B2C1104	AJH		
Naphthalene	< 0.0163	0.0163			mg/Kg dry	04/01/22 16:45	B2C1104	AJH		
Phenanthrene	< 0.0163	0.0163			mg/Kg dry	04/01/22 16:45	B2C1104	AJH		
Pyrene	< 0.0163	0.0163			mg/Kg dry	04/01/22 16:45	B2C1104	AJH		
<i>Surrogate: 2-Methylnaphthalene-d10</i>						<i>Recovery: 72%</i>	<i>Limits: 58-127</i>	<i>04/01/22 16:45</i>	<i>B2C1104</i>	<i>AJH</i>
<i>Surrogate: Fluoranthene-d10</i>						<i>Recovery: 65%</i>	<i>Limits: 42-130</i>	<i>04/01/22 16:45</i>	<i>B2C1104</i>	<i>AJH</i>



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Client Sample Results

(Continued)

Client: EPS Environmental Services, Inc.
Project: NELAC
 3525 Greenfield Lane, Chicago, IL
Work Order: 22C0995

Client Sample ID: S-6
Report Date: 04/04/2022
Collection Date: 03/25/2022 10:00
Matrix: Soil
Lab ID: 22C0995-06

Analyses	Result	EMT Reporting		Units	Date/Time Analyzed	Batch	Analyst
		Limit	Qual				

Wet Chemistry

Method: SM2540G

Total Solids	83.0	0.100		% (Percent)	03/29/22 04:37	B2C1043	MKP
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Volatile Organic Compounds by GC/MS

Method: SW8260B/D / SW5035

Benzene	0.0312	0.0300		mg/Kg dry	03/29/22 21:14	B2C1119	KS1
Ethylbenzene	0.353	0.104		mg/Kg dry	03/29/22 21:14	B2C1119	KS1
Toluene	< 0.416	0.416		mg/Kg dry	03/29/22 21:14	B2C1119	KS1
Xylenes, Total	1.26	0.416		mg/Kg dry	03/29/22 21:14	B2C1119	KS1

Surrogate: Fluorobenzene				Recovery: 101%	Limits: 87-109	03/29/22 21:14	B2C1119	KS1
Surrogate: Toluene-d8				Recovery: 107%	Limits: 84-119	03/29/22 21:14	B2C1119	KS1
Surrogate: 4-Bromofluorobenzene				Recovery: 95%	Limits: 80-126	03/29/22 21:14	B2C1119	KS1

Semivolatile Organic Compounds by GC/MS

Method: SW8270D SIM / SW3550

Acenaphthene	1.12	0.0180		mg/Kg dry	04/01/22 17:04	B2C1104	AJH
Acenaphthylene	0.569	0.0180		mg/Kg dry	04/01/22 17:04	B2C1104	AJH
Anthracene	0.863	0.0180		mg/Kg dry	04/01/22 17:04	B2C1104	AJH
Benzo(a)anthracene	0.962	0.0180		mg/Kg dry	04/01/22 17:04	B2C1104	AJH
Benzo(a)pyrene	0.758	0.0180		mg/Kg dry	04/01/22 17:04	B2C1104	AJH
Benzo(b)fluoranthene	0.993	0.0180		mg/Kg dry	04/01/22 17:04	B2C1104	AJH
Benzo(g,h,i)perylene	0.396	0.0180		mg/Kg dry	04/01/22 17:04	B2C1104	AJH
Benzo(k)fluoranthene	0.340	0.0180		mg/Kg dry	04/01/22 17:04	B2C1104	AJH
Chrysene	0.969	0.0180		mg/Kg dry	04/01/22 17:04	B2C1104	AJH
Dibenzo(a,h)anthracene	0.0990	0.0180		mg/Kg dry	04/01/22 17:04	B2C1104	AJH
Fluoranthene	2.05	0.0180		mg/Kg dry	04/01/22 17:04	B2C1104	AJH
Fluorene	1.78	0.0180		mg/Kg dry	04/01/22 17:04	B2C1104	AJH
Indeno(1,2,3-cd)pyrene	0.454	0.0180		mg/Kg dry	04/01/22 17:04	B2C1104	AJH
Naphthalene	12.1	0.0359		mg/Kg dry	04/04/22 12:18	B2C1104	AJH
Phenanthrene	5.60	0.0180		mg/Kg dry	04/01/22 17:04	B2C1104	AJH
Pyrene	2.17	0.0180		mg/Kg dry	04/01/22 17:04	B2C1104	AJH

Surrogate: 2-Methylnaphthalene-d10				Recovery: 99%	Limits: 58-127	04/01/22 17:04	B2C1104	AJH
Surrogate: Fluoranthene-d10				Recovery: 81%	Limits: 42-130	04/01/22 17:04	B2C1104	AJH



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Client Sample Results

(Continued)

Client: EPS Environmental Services, Inc.
Project: NELAC
 3525 Greenfield Lane, Chicago, IL
Work Order: 22C0995

Client Sample ID: S-7
Report Date: 04/04/2022
Collection Date: 03/25/2022 11:00
Matrix: Soil
Lab ID: 22C0995-07

Analyses	Result	EMT Reporting		Units	Date/Time Analyzed	Batch	Analyst
		Limit	Qual				

Wet Chemistry

Method: SM2540G

Total Solids	85.8	0.100		% (Percent)	03/29/22 04:39	B2C1043	MKP
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Volatile Organic Compounds by GC/MS

Method: SW8260B/D / SW5035

Benzene	< 0.0300	0.0300		mg/Kg dry	03/29/22 21:39	B2C1119	KS1
Ethylbenzene	< 0.0861	0.0861		mg/Kg dry	03/29/22 21:39	B2C1119	KS1
Toluene	< 0.344	0.344		mg/Kg dry	03/29/22 21:39	B2C1119	KS1
Xylenes, Total	< 0.344	0.344		mg/Kg dry	03/29/22 21:39	B2C1119	KS1
Surrogate: Fluorobenzene				Recovery: 104%	Limits: 87-109	03/29/22 21:39	B2C1119 KS1
Surrogate: Toluene-d8				Recovery: 108%	Limits: 84-119	03/29/22 21:39	B2C1119 KS1
Surrogate: 4-Bromofluorobenzene				S Recovery: 128%	Limits: 80-126	03/29/22 21:39	B2C1119 KS1

Semivolatile Organic Compounds by GC/MS

Method: SW8270D SIM / SW3550

Acenaphthene	1.60	0.0160		mg/Kg dry	04/01/22 17:24	B2C1104	AJH
Acenaphthylene	0.687	0.0160		mg/Kg dry	04/01/22 17:24	B2C1104	AJH
Anthracene	1.00	0.0160		mg/Kg dry	04/01/22 17:24	B2C1104	AJH
Benzo(a)anthracene	0.287	0.0160		mg/Kg dry	04/01/22 17:24	B2C1104	AJH
Benzo(a)pyrene	0.148	0.0160		mg/Kg dry	04/01/22 17:24	B2C1104	AJH
Benzo(b)fluoranthene	0.0656	0.0160		mg/Kg dry	04/01/22 17:24	B2C1104	AJH
Benzo(g,h,i)perylene	0.101	0.0160		mg/Kg dry	04/01/22 17:24	B2C1104	AJH
Benzo(k)fluoranthene	< 0.0160	0.0160		mg/Kg dry	04/01/22 17:24	B2C1104	AJH
Chrysene	0.434	0.0160		mg/Kg dry	04/01/22 17:24	B2C1104	AJH
Dibenzo(a,h)anthracene	0.0183	0.0160		mg/Kg dry	04/01/22 17:24	B2C1104	AJH
Fluoranthene	0.213	0.0160		mg/Kg dry	04/01/22 17:24	B2C1104	AJH
Fluorene	2.13	0.0160		mg/Kg dry	04/01/22 17:24	B2C1104	AJH
Indeno(1,2,3-cd)pyrene	0.0297	0.0160		mg/Kg dry	04/01/22 17:24	B2C1104	AJH
Naphthalene	5.12	0.0160		mg/Kg dry	04/01/22 17:24	B2C1104	AJH
Phenanthrene	6.14	0.0160		mg/Kg dry	04/01/22 17:24	B2C1104	AJH
Pyrene	1.36	0.0160		mg/Kg dry	04/01/22 17:24	B2C1104	AJH
Surrogate: 2-Methylnaphthalene-d10				Recovery: 99%	Limits: 58-127	04/01/22 17:24	B2C1104 AJH
Surrogate: Fluoranthene-d10				Recovery: 86%	Limits: 42-130	04/01/22 17:24	B2C1104 AJH


Client Sample Results

(Continued)

Client: EPS Environmental Services, Inc.
Project: NELAC
 3525 Greenfield Lane, Chicago, IL
Work Order: 22C0995

Client Sample ID: S-8
Report Date: 04/04/2022
Collection Date: 03/25/2022 11:30
Matrix: Soil
Lab ID: 22C0995-08

Analyses	Result	EMT Reporting		Qual	Units	Date/Time Analyzed	Batch	Analyst
		Limit						

Wet Chemistry

Method: SM2540G

Total Solids	82.8	0.100		% (Percent)		03/29/22 04:41	B2C1043	MKP
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Volatile Organic Compounds by GC/MS

Method: SW8260B/D / SW5035

Benzene	0.0516	0.0300		mg/Kg dry		03/30/22 13:41	B2C1157	KS1
Ethylbenzene	0.120	0.0992		mg/Kg dry		03/30/22 13:41	B2C1157	KS1
Toluene	< 0.397	0.397		mg/Kg dry		03/30/22 13:41	B2C1157	KS1
Xylenes, Total	< 0.397	0.397		mg/Kg dry		03/30/22 13:41	B2C1157	KS1

Surrogate: Fluorobenzene				Recovery: 100%	Limits: 87-109	03/30/22 13:41	B2C1157	KS1
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Surrogate: Toluene-d8				Recovery: 112%	Limits: 84-119	03/30/22 13:41	B2C1157	KS1
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Surrogate: 4-Bromofluorobenzene				Recovery: 102%	Limits: 80-126	03/30/22 13:41	B2C1157	KS1
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Semivolatile Organic Compounds by GC/MS

Method: SW8270D SIM / SW3550

Acenaphthene	5.44	0.0874		mg/Kg dry		04/04/22 13:54	B2C1104	AJH
Acenaphthylene	3.90	0.0874		mg/Kg dry		04/04/22 13:54	B2C1104	AJH
Anthracene	1.94	0.0874		mg/Kg dry		04/04/22 13:54	B2C1104	AJH
Benzo(a)anthracene	0.523	0.0874		mg/Kg dry		04/04/22 13:54	B2C1104	AJH
Benzo(a)pyrene	0.273	0.0874		mg/Kg dry		04/04/22 13:54	B2C1104	AJH
Benzo(b)fluoranthene	0.206	0.0874		mg/Kg dry		04/04/22 13:54	B2C1104	AJH
Benzo(g,h,i)perylene	0.181	0.0874		mg/Kg dry		04/04/22 13:54	B2C1104	AJH
Benzo(k)fluoranthene	< 0.0874	0.0874		mg/Kg dry		04/04/22 13:54	B2C1104	AJH
Chrysene	0.856	0.0874		mg/Kg dry		04/04/22 13:54	B2C1104	AJH
Dibenzo(a,h)anthracene	< 0.0874	0.0874		mg/Kg dry		04/04/22 13:54	B2C1104	AJH
Fluoranthene	0.657	0.0874		mg/Kg dry		04/04/22 13:54	B2C1104	AJH
Fluorene	9.80	0.0874		mg/Kg dry		04/04/22 13:54	B2C1104	AJH
Indeno(1,2,3-cd)pyrene	0.109	0.0874		mg/Kg dry		04/04/22 13:54	B2C1104	AJH
Naphthalene	35.9	0.0874		mg/Kg dry		04/04/22 13:54	B2C1104	AJH
Phenanthrene	10.5	0.0874		mg/Kg dry		04/04/22 13:54	B2C1104	AJH
Pyrene	2.49	0.0874		mg/Kg dry		04/04/22 13:54	B2C1104	AJH

Surrogate: 2-Methylnaphthalene-d10				Recovery: 97%	Limits: 58-127	04/04/22 13:54	B2C1104	AJH
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Surrogate: Fluoranthene-d10				Recovery: 92%	Limits: 42-130	04/04/22 13:54	B2C1104	AJH
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Client Sample Results

(Continued)

Client: EPS Environmental Services, Inc.
Project: NELAC
 3525 Greenfield Lane, Chicago, IL
Work Order: 22C0995

Client Sample ID: S-BF
Report Date: 04/04/2022
Collection Date: 03/24/2022 13:30
Matrix: Soil
Lab ID: 22C0995-09

Analyses	Result	EMT Reporting		Units	Date/Time Analyzed	Batch	Analyst		
		Limit	Qual						
Wet Chemistry									
Method: SM2540G									
Total Solids	95.5	0.100		% (Percent)	03/29/22 04:43	B2C1043	MKP		
Volatile Organic Compounds by GC/MS									
Method: SW8260B/D / SW5035									
Benzene	< 0.0300	0.0300		mg/Kg dry	03/30/22 14:06	B2C1157	KS1		
Ethylbenzene	< 0.0939	0.0939		mg/Kg dry	03/30/22 14:06	B2C1157	KS1		
Toluene	< 0.375	0.375		mg/Kg dry	03/30/22 14:06	B2C1157	KS1		
Xylenes, Total	< 0.375	0.375		mg/Kg dry	03/30/22 14:06	B2C1157	KS1		
Surrogate: Fluorobenzene				Recovery: 107%	Limits: 87-109	03/30/22 14:06	B2C1157	KS1	
Surrogate: Toluene-d8				Recovery: 106%	Limits: 84-119	03/30/22 14:06	B2C1157	KS1	
Surrogate: 4-Bromofluorobenzene				S	Recovery: 146%	Limits: 80-126	03/30/22 14:06	B2C1157	KS1
Semivolatile Organic Compounds by GC/MS									
Method: SW8270D SIM / SW3550									
Acenaphthene	0.671	0.158		mg/Kg dry	04/04/22 14:14	B2C1104	AJH		
Acenaphthylene	< 0.158	0.158		mg/Kg dry	04/04/22 14:14	B2C1104	AJH		
Anthracene	0.253	0.158		mg/Kg dry	04/04/22 14:14	B2C1104	AJH		
Benzo(a)anthracene	< 0.158	0.158		mg/Kg dry	04/04/22 14:14	B2C1104	AJH		
Benzo(a)pyrene	0.213	0.0900		mg/Kg dry	04/04/22 14:14	B2C1104	AJH		
Benzo(b)fluoranthene	0.260	0.158		mg/Kg dry	04/04/22 14:14	B2C1104	AJH		
Benzo(g,h,i)perylene	0.171	0.158		mg/Kg dry	04/04/22 14:14	B2C1104	AJH		
Benzo(k)fluoranthene	< 0.158	0.158		mg/Kg dry	04/04/22 14:14	B2C1104	AJH		
Chrysene	< 0.158	0.158		mg/Kg dry	04/04/22 14:14	B2C1104	AJH		
Dibenzo(a,h)anthracene	< 0.0900	0.0900		mg/Kg dry	04/04/22 14:14	B2C1104	AJH		
Fluoranthene	0.240	0.158		mg/Kg dry	04/04/22 14:14	B2C1104	AJH		
Fluorene	0.609	0.158		mg/Kg dry	04/04/22 14:14	B2C1104	AJH		
Indeno(1,2,3-cd)pyrene	< 0.158	0.158		mg/Kg dry	04/04/22 14:14	B2C1104	AJH		
Naphthalene	0.231	0.158		mg/Kg dry	04/04/22 14:14	B2C1104	AJH		
Phenanthrene	< 0.158	0.158		mg/Kg dry	04/04/22 14:14	B2C1104	AJH		
Pyrene	0.490	0.158		mg/Kg dry	04/04/22 14:14	B2C1104	AJH		
Surrogate: 2-Methylnaphthalene-d10				Recovery: 96%	Limits: 58-127	04/04/22 14:14	B2C1104	AJH	
Surrogate: Fluoranthene-d10				Recovery: 85%	Limits: 42-130	04/04/22 14:14	B2C1104	AJH	



Dates Report

Client: EPS Environmental Services, Inc.
Project: NELAC
 3525 Greenfield Lane, Chicago, IL
Work Order: 22C0995

Report Date: 04/04/2022

Sample ID	Client Sample ID	Collection	Matrix	Test Name	Leached Prep Date	Prep Date	Analysis Date	Batch ID	Sequence
22C0995-01	S-1	03/24/22	Soil	Total Solids / Percent Moisture		03/29/22 04:10	03/29/22 04:27	B2C1043	
				Semivolatile Organic Compounds, SIM, PNAs by GC/MS		04/01/22 11:45	04/01/22 20:37	B2C1104	S2D0050
				Volatile Organic Compounds by GC/MS	03/29/22 10:06	03/29/22 19:10	B2C1119	S2C0525	
22C0995-02	S-2	03/24/22		Total Solids / Percent Moisture		03/29/22 04:10	03/29/22 04:29	B2C1043	
				Semivolatile Organic Compounds, SIM, PNAs by GC/MS		04/01/22 11:45	04/01/22 15:47	B2C1104	S2D0050
				Volatile Organic Compounds by GC/MS	03/29/22 10:06	03/29/22 19:35	B2C1119	S2C0525	
22C0995-03	S-3	03/24/22		Total Solids / Percent Moisture		03/29/22 04:10	03/29/22 04:31	B2C1043	
				Semivolatile Organic Compounds, SIM, PNAs by GC/MS		04/01/22 11:45	04/01/22 16:06	B2C1104	S2D0050
				Volatile Organic Compounds by GC/MS	03/29/22 10:06	03/29/22 20:00	B2C1119	S2C0525	
22C0995-04	S-4	03/24/22		Total Solids / Percent Moisture		03/29/22 04:10	03/29/22 04:33	B2C1043	
				Semivolatile Organic Compounds, SIM, PNAs by GC/MS		04/01/22 11:45	04/01/22 16:26	B2C1104	S2D0050
				Volatile Organic Compounds by GC/MS	03/29/22 10:06	03/29/22 20:24	B2C1119	S2C0525	
22C0995-05	S-5	03/24/22		Total Solids / Percent Moisture		03/29/22 04:10	03/29/22 04:35	B2C1043	
				Semivolatile Organic Compounds, SIM, PNAs by GC/MS		04/01/22 11:45	04/01/22 16:45	B2C1104	S2D0050
				Volatile Organic Compounds by GC/MS	03/29/22 10:06	03/29/22 20:49	B2C1119	S2C0525	
22C0995-06	S-6	03/25/22		Total Solids / Percent Moisture		03/29/22 04:10	03/29/22 04:37	B2C1043	
				Semivolatile Organic Compounds, SIM, PNAs by GC/MS		04/01/22 11:45	04/01/22 17:04	B2C1104	S2D0050
				Semivolatile Organic Compounds, SIM, PNAs by GC/MS		04/01/22 11:45	04/04/22 12:18		S2D0051
				Volatile Organic Compounds by GC/MS	03/29/22 10:06	03/29/22 21:14	B2C1119	S2C0525	
22C0995-07	S-7	03/25/22		Total Solids / Percent Moisture		03/29/22 04:10	03/29/22 04:39	B2C1043	
				Semivolatile Organic Compounds, SIM, PNAs by GC/MS		04/01/22 11:45	04/01/22 17:24	B2C1104	S2D0050
				Volatile Organic Compounds by GC/MS	03/29/22 10:06	03/29/22 21:39	B2C1119	S2C0525	
22C0995-08	S-8	03/25/22		Total Solids / Percent Moisture		03/29/22 04:10	03/29/22 04:41	B2C1043	
				Semivolatile Organic Compounds, SIM, PNAs by GC/MS		04/01/22 11:45	04/04/22 13:54	B2C1104	S2D0051
				Volatile Organic Compounds by GC/MS	03/30/22 10:54	03/30/22 13:41	B2C1157	S2C0550	
22C0995-09	S-BF	03/24/22		Total Solids / Percent Moisture		03/29/22 04:10	03/29/22 04:43	B2C1043	
				Semivolatile Organic Compounds, SIM, PNAs by GC/MS		04/01/22 11:45	04/04/22 14:14	B2C1104	S2D0051
				Volatile Organic Compounds by GC/MS	03/30/22 10:54	03/30/22 14:06	B2C1157	S2C0550	



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Quality Control

Client: EPS Environmental Services, Inc.
Project: NELAC
 3525 Greenfield Lane, Chicago, IL
Work Order: 22C0995

Report Date: 04/04/2022
Matrix: Solid

Wet Chemistry

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch: B2C1043

Blank (B2C1043-BLK1)

Prepared: 03/29/2022 04:10 Analyzed: 03/29/2022 04:45

Total Solids	< 0.0240	0.100	%							
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LCS (B2C1043-BS1)

Prepared: 03/29/2022 04:10 Analyzed: 03/29/2022 04:47

Total Solids	0.188	0.100	%	0.2040	92.1	85-102				
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Duplicate (B2C1043-DUP1)

Source: 22C0995-09

Prepared: 03/29/2022 04:10 Analyzed: 03/29/2022 04:49

Total Solids	95.2	0.100	%	95.5			0.253	5		
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Quality Control

(Continued)

Client: EPS Environmental Services, Inc.
Project: NELAC
 3525 Greenfield Lane, Chicago, IL
Work Order: 22C0995

Report Date: 04/04/2022
Matrix: Solid

Volatile Organic Compounds by GC/MS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch: B2C1119 - SW5035

Blank (B2C1119-BLK1)

Prepared: 03/29/2022 10:10 Analyzed: 03/29/2022 12:34

Benzene	< 0.0200	0.0300	mg/Kg wet							
Ethylbenzene	< 0.0235	0.100	mg/Kg wet							
Toluene	< 0.0620	0.400	mg/Kg wet							
Xylenes, Total	< 0.0655	0.400	mg/Kg wet							

Surrogate: Fluorobenzene	20.4		ug/Kg	20.00		102	87-109			
Surrogate: Toluene-d8	20.6		ug/Kg	20.00		103	84-119			
Surrogate: 4-Bromofluorobenzene	9.56		ug/Kg	10.00		96	80-126			

LCS (B2C1119-BS1)

Prepared: 03/29/2022 10:10 Analyzed: 03/29/2022 11:16

Benzene	0.0398	0.00200	mg/Kg wet	0.04000		100	88-119			
Ethylbenzene	0.0387	0.00200	mg/Kg wet	0.04000		97	88-124			
Toluene	0.0410	0.00800	mg/Kg wet	0.04000		103	77-121			
Xylenes, Total	0.119	0.00800	mg/Kg wet	0.1200		99	88-122			
Surrogate: Fluorobenzene	20.7		ug/Kg	20.00		103	87-109			
Surrogate: Toluene-d8	22.0		ug/Kg	20.00		110	84-119			
Surrogate: 4-Bromofluorobenzene	9.22		ug/Kg	10.00		92	80-126			

LCS Dup (B2C1119-BSD1)

Prepared: 03/29/2022 10:10 Analyzed: 03/29/2022 11:41

Benzene	0.0448	0.00200	mg/Kg wet	0.04000		112	88-119	12	20	
Ethylbenzene	0.0434	0.00200	mg/Kg wet	0.04000		109	88-124	11	20	
Toluene	0.0460	0.00800	mg/Kg wet	0.04000		115	77-121	11	20	
Xylenes, Total	0.134	0.00800	mg/Kg wet	0.1200		112	88-122	12	20	
Surrogate: Fluorobenzene	20.8		ug/Kg	20.00		104	87-109			
Surrogate: Toluene-d8	21.5		ug/Kg	20.00		107	84-119			
Surrogate: 4-Bromofluorobenzene	10.3		ug/Kg	10.00		103	80-126			

Batch: B2C1157 - SW5035

Blank (B2C1157-BLK1)

Prepared: 03/30/2022 10:00 Analyzed: 03/30/2022 12:51

Benzene	< 0.0200	0.0300	mg/Kg wet							
Ethylbenzene	< 0.0235	0.100	mg/Kg wet							
Toluene	< 0.0620	0.400	mg/Kg wet							
Xylenes, Total	< 0.0655	0.400	mg/Kg wet							

Surrogate: Fluorobenzene	20.8		ug/Kg	20.00		104	87-109			
Surrogate: Toluene-d8	21.0		ug/Kg	20.00		105	84-119			
Surrogate: 4-Bromofluorobenzene	9.99		ug/Kg	10.00		100	80-126			

LCS (B2C1157-BS1)

Prepared: 03/30/2022 10:00 Analyzed: 03/30/2022 12:02

Benzene	0.0409	0.00200	mg/Kg wet	0.04000		102	88-119			
Ethylbenzene	0.0425	0.00200	mg/Kg wet	0.04000		106	88-124			
Toluene	0.0440	0.00800	mg/Kg wet	0.04000		110	77-121			



Quality Control

(Continued)

Client: EPS Environmental Services, Inc.
Project: NELAC
 3525 Greenfield Lane, Chicago, IL
Work Order: 22C0995

Report Date: 04/04/2022
Matrix: Solid

Volatile Organic Compounds by GC/MS

(Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch: B2C1157 - SW5035 (Continued)

LCS (B2C1157-BS1) (Continued)

Prepared: 03/30/2022 10:00 Analyzed: 03/30/2022 12:02

Xylenes, Total	0.127	0.00800	mg/Kg wet	0.1200		106	88-122			
Surrogate: Fluorobenzene	20.6		ug/Kg	20.00		103	87-109			
Surrogate: Toluene-d8	21.8		ug/Kg	20.00		109	84-119			
Surrogate: 4-Bromofluorobenzene	10.5		ug/Kg	10.00		105	80-126			

LCS Dup (B2C1157-BSD1)

Prepared: 03/30/2022 10:00 Analyzed: 03/30/2022 21:07

Benzene	0.0396	0.00200	mg/Kg wet	0.04000		99	88-119	3	20	
Ethylbenzene	0.0365	0.00200	mg/Kg wet	0.04000		91	88-124	15	20	
Toluene	0.0386	0.00800	mg/Kg wet	0.04000		96	77-121	13	20	
Xylenes, Total	0.112	0.00800	mg/Kg wet	0.1200		93	88-122	13	20	
Surrogate: Fluorobenzene	21.4		ug/Kg	20.00		107	87-109			
Surrogate: Toluene-d8	20.7		ug/Kg	20.00		104	84-119			
Surrogate: 4-Bromofluorobenzene	9.83		ug/Kg	10.00		98	80-126			



Quality Control

(Continued)

Client: EPS Environmental Services, Inc.
Project: NELAC
 3525 Greenfield Lane, Chicago, IL
Work Order: 22C0995

Report Date: 04/04/2022
Matrix: Solid

Semivolatile Organic Compounds by GC/MS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch: B2C1104 - SW3550

Blank (B2C1104-BLK1)

Prepared: 04/01/2022 11:45 Analyzed: 04/01/2022 14:10

Acenaphthene	< 0.00264	0.0145	mg/Kg wet							
Acenaphthylene	< 0.00393	0.0145	mg/Kg wet							
Anthracene	< 0.00369	0.0145	mg/Kg wet							
Benzo(a)anthracene	< 0.00289	0.0145	mg/Kg wet							
Benzo(a)pyrene	< 0.00221	0.0145	mg/Kg wet							
Benzo(b)fluoranthene	< 0.00466	0.0145	mg/Kg wet							
Benzo(g,h,i)perylene	< 0.00452	0.0145	mg/Kg wet							
Benzo(k)fluoranthene	< 0.00378	0.0145	mg/Kg wet							
Chrysene	< 0.00305	0.0145	mg/Kg wet							
Dibenzo(a,h)anthracene	< 0.00366	0.0145	mg/Kg wet							
Fluoranthene	< 0.00451	0.0145	mg/Kg wet							
Fluorene	< 0.00345	0.0145	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	< 0.00368	0.0145	mg/Kg wet							
Naphthalene	< 0.00434	0.0145	mg/Kg wet							
Phenanthrene	< 0.00356	0.0145	mg/Kg wet							
Pyrene	< 0.00198	0.0145	mg/Kg wet							

Surrogate: 2-Methylnaphthalene-d10

1.27

mg/Kg wet

1.509

84

58-127

Surrogate: Fluoranthene-d10

1.18

mg/Kg wet

1.509

78

42-130

LCS (B2C1104-BS1)

Prepared: 04/01/2022 11:45 Analyzed: 04/01/2022 14:29

Acenaphthene	1.29	0.0140	mg/Kg wet	1.463		88	67-122			
Acenaphthylene	1.36	0.0140	mg/Kg wet	1.463		93	65-118			
Anthracene	1.28	0.0140	mg/Kg wet	1.463		88	65-118			
Benzo(a)anthracene	1.23	0.0140	mg/Kg wet	1.463		84	55-114			
Benzo(a)pyrene	1.26	0.0140	mg/Kg wet	1.463		86	58-122			
Benzo(b)fluoranthene	1.20	0.0140	mg/Kg wet	1.463		82	63-124			
Benzo(g,h,i)perylene	1.18	0.0140	mg/Kg wet	1.463		81	56-128			
Benzo(k)fluoranthene	1.19	0.0140	mg/Kg wet	1.463		82	47-138			
Chrysene	1.27	0.0140	mg/Kg wet	1.463		87	60-130			
Dibenzo(a,h)anthracene	1.17	0.0140	mg/Kg wet	1.463		80	59-126			
Fluoranthene	1.25	0.0140	mg/Kg wet	1.463		86	66-126			
Fluorene	1.32	0.0140	mg/Kg wet	1.463		90	67-123			
Indeno(1,2,3-cd)pyrene	1.15	0.0140	mg/Kg wet	1.463		79	60-122			
Naphthalene	1.33	0.0140	mg/Kg wet	1.463		91	72-122			
Phenanthrene	1.26	0.0140	mg/Kg wet	1.463		86	71-124			
Pyrene	1.19	0.0140	mg/Kg wet	1.463		82	56-132			

Surrogate: 2-Methylnaphthalene-d10

1.30

mg/Kg wet

1.463

89

58-127

Surrogate: Fluoranthene-d10

1.25

mg/Kg wet

1.463

86

42-130



Quality Control

(Continued)

Client: EPS Environmental Services, Inc.
Project: NELAC
 3525 Greenfield Lane, Chicago, IL
Work Order: 22C0995

Report Date: 04/04/2022
Matrix: Solid

Semivolatile Organic Compounds by GC/MS

(Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch: B2C1104 - SW3550 (Continued)

Matrix Spike (B2C1104-MS1)

Source: 22C0995-02

Prepared: 04/01/2022 11:45 Analyzed: 04/01/2022 14:48

Acenaphthene	2.08	0.0193	mg/Kg dry	2.015	0.218	92	57-119			
Acenaphthylene	1.89	0.0193	mg/Kg dry	2.015	0.170	85	59-115			
Anthracene	1.99	0.0193	mg/Kg dry	2.015	0.264	86	58-114			
Benzo(a)anthracene	1.93	0.0193	mg/Kg dry	2.015	0.166	88	47-127			
Benzo(a)pyrene	1.80	0.0193	mg/Kg dry	2.015	0.0955	85	46-127			
Benzo(b)fluoranthene	1.68	0.0193	mg/Kg dry	2.015	0.0751	79	48-125			
Benzo(g,h,i)perylene	1.61	0.0193	mg/Kg dry	2.015	0.0537	77	48-120			
Benzo(k)fluoranthene	1.52	0.0193	mg/Kg dry	2.015	0.0194	75	47-125			
Chrysene	1.81	0.0193	mg/Kg dry	2.015	0.318	74	49-135			
Dibenzo(a,h)anthracene	1.53	0.0193	mg/Kg dry	2.015	0.0138	75	50-122			
Fluoranthene	2.05	0.0193	mg/Kg dry	2.015	0.337	85	49-132			
Fluorene	2.31	0.0193	mg/Kg dry	2.015	0.776	76	59-119			
Indeno(1,2,3-cd)pyrene	1.58	0.0193	mg/Kg dry	2.015	0.0286	77	50-120			
Naphthalene	3.07	0.0193	mg/Kg dry	2.015	1.62	72	69-117			
Phenanthrene	3.97	0.0193	mg/Kg dry	2.015	2.62	67	56-126			
Pyrene	2.04	0.0193	mg/Kg dry	2.015	0.549	74	34-141			

Surrogate: 2-Methylnaphthalene-d10	1.86		mg/Kg dry	2.015		92	58-127			
Surrogate: Fluoranthene-d10	1.76		mg/Kg dry	2.015		87	42-130			

Matrix Spike Dup (B2C1104-MSD1)

Source: 22C0995-02

Prepared: 04/01/2022 11:45 Analyzed: 04/01/2022 15:08

Acenaphthene	1.94	0.0174	mg/Kg dry	1.816	0.218	95	57-119	7	20	
Acenaphthylene	1.75	0.0174	mg/Kg dry	1.816	0.170	87	59-115	8	20	
Anthracene	1.76	0.0174	mg/Kg dry	1.816	0.264	82	58-114	12	23	
Benzo(a)anthracene	1.84	0.0174	mg/Kg dry	1.816	0.166	92	47-127	5	33	
Benzo(a)pyrene	1.67	0.0174	mg/Kg dry	1.816	0.0955	87	46-127	8	36	
Benzo(b)fluoranthene	1.56	0.0174	mg/Kg dry	1.816	0.0751	82	48-125	7	35	
Benzo(g,h,i)perylene	1.48	0.0174	mg/Kg dry	1.816	0.0537	79	48-120	8	26	
Benzo(k)fluoranthene	1.37	0.0174	mg/Kg dry	1.816	0.0194	74	47-125	11	23	
Chrysene	1.73	0.0174	mg/Kg dry	1.816	0.318	78	49-135	5	29	
Dibenzo(a,h)anthracene	1.40	0.0174	mg/Kg dry	1.816	0.0138	76	50-122	9	20	
Fluoranthene	1.87	0.0174	mg/Kg dry	1.816	0.337	85	49-132	9	43	
Fluorene	2.21	0.0174	mg/Kg dry	1.816	0.776	79	59-119	5	20	
Indeno(1,2,3-cd)pyrene	1.45	0.0174	mg/Kg dry	1.816	0.0286	78	50-120	8	28	
Naphthalene	3.06	0.0174	mg/Kg dry	1.816	1.62	79	69-117	0.2	20	
Phenanthrene	3.88	0.0174	mg/Kg dry	1.816	2.62	69	56-126	2	20	
Pyrene	1.99	0.0174	mg/Kg dry	1.816	0.549	79	34-141	3	38	

Surrogate: 2-Methylnaphthalene-d10	1.74		mg/Kg dry	1.816		96	58-127			
Surrogate: Fluoranthene-d10	1.56		mg/Kg dry	1.816		86	42-130			

Certified Analyses included in this Report

Analyte	CAS #	Certifications
SM2540G in Solid		
Total Solids	Moist	WDNR,DoD
SW8260B/D in Solid		
Benzene	71-43-2	WDNR,DoD,ILEPA
Ethylbenzene	100-41-4	WDNR,DoD,ILEPA
Toluene	108-88-3	AKDEC,WDNR,DoD,ILEPA
Xylenes, Total	1330-20-7	WDNR,DoD,ILEPA
SW8270D SIM in Solid		
Acenaphthene	83-32-9	DoD,WDNR
Acenaphthylene	208-96-8	DoD,WDNR
Anthracene	120-12-7	DoD,WDNR
Benzo(a)anthracene	56-55-3	DoD,WDNR
Benzo(a)pyrene	50-32-8	DoD,WDNR
Benzo(b)fluoranthene	205-99-2	DoD,WDNR
Benzo(g,h,i)perylene	191-24-2	DoD,WDNR
Benzo(k)fluoranthene	207-08-9	DoD,WDNR
Chrysene	218-01-9	DoD,WDNR
Dibenzo(a,h)anthracene	53-70-3	DoD,WDNR
Fluoranthene	206-44-0	DoD,WDNR
Fluorene	86-73-7	DoD,WDNR
Indeno(1,2,3-cd)pyrene	193-39-5	DoD,WDNR
Naphthalene	91-20-3	DoD,WDNR
Phenanthrene	85-01-8	DoD,WDNR
Pyrene	129-00-0	DoD,WDNR



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List of Certifications

Code	Description	Number	Expires
AKDEC	State of Alaska, Dept. Environmental Conservation	17-011	05/31/2022
CPSC	US Consumer Product Safety Commission, Accredited by PJLA Lab No. 1050	L18-184-R1	03/31/2022
DoD	Department of Defense, Accredited by PJLA	L20-164-R2	03/31/2022
ILEPA	State of Illinois, NELAP Accredited Lab No. 100256	1002562021-6	07/27/2022
ISO	ISO/IEC 17025:2017, Accredited by PJLA	L20-165	03/31/2022
NEFAP	TNI National Environmental Field Activities Program	L20-166	03/31/2022
TX	Texas Commission of Environmental Quality	T104704554-20-5	10/31/2022
WA	Washington State Department of Ecology	C1057	01/06/2023
WDNR	State of Wisconsin Dept of Natural Resources	999888890	08/31/2022



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Qualifiers and Definitions

Item	Description
S	The quality control sample recovery is outside of the laboratory control limits.
%Rec	Percent Recovery



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC

509 N. 3rd Avenue
Des Plaines, IL 60016

Electronic Filing: Received, Clerk's Office 10/27/2022



22C0995
PM: Arminta Priddy
EPS Environmental Services, Inc.
NELAC

Custody Record

TURNAROUND TIME:
 RUSH
 ___ day turnaround
 ROUTINE

Due Date: _____ COC #: **244096**

Company: EPS Environmental
 Address: 7237 West Devon Avenue
Chicago, Illinois 60631

Phone #: (773) 792-3090 Fax #: (773) 792-3091
 P.O. #: _____ Proj. #: 22850-1030

Client Contact: Nick Cuzzone
 Project ID / Location: 2525 Greenfield Ave, Chicago, Illinois

Sample Type:
 1. Waste Water 4. Sludge 7. Groundwater (filtered)
 2. Drinking Water 5. Oil 8. Other
 3. Soil 6. Groundwater

Container Type:
 P - Plastic V - VOC Vial O - Other
 G - Glass B - Tedlar Bag

Preservative:
 1. None 4. NaOH 7. Zn Ace
 2. H₂SO₄ 5. HCl 8. Other
 3. HNO₃ 6. MeOH Na₂H₂SO₄

Analyses

EMT USE ONLY

EMT WORKORDER # 22C0995

Sample I.D.	Sample Type	Container			Sampling					Preservation		Analyses
		Size	Type	No.	By	Date	Time	pH	Temp.	Field	Lab	
S-1	Soil	4oz	G	4/1	YSB	3/24/22	8:30					01 A-E
S-2							9:30					02 A-E
S-3							10:00					03 A-E
S-4							10:45					04 A-E
S-5							12:00					05 A-E
S-6						3/25/22	10:00					06 A-E
S-7							11:00					07 A-E
S-8							11:30					08 A-E
S-BF						3/24/22	1:30					09 A-E

Relinquished By: <u>Nick Cuzzone</u>	Date: <u>3-25-22</u> Time: <u>1:30</u>	Received By: <u>Michael Overland</u>	Date: <u>03-28-2022</u> Time: <u>14:55</u>	EMT USE ONLY	<input type="checkbox"/> SAMPLE RECEIVED ON ICE
Relinquished By: <u>Michael Overland</u>	Date: <u>03-28-2022</u> Time: <u>15:32</u>	Received By:	Date: - - Time: :	Client Code:	<input checked="" type="checkbox"/> TEMPERATURE
Relinquished By:	Date: - - Time: :	Received For Lab By: <u>Jeff Schultz</u>	Date: <u>03-28-2022</u> Time: <u>15:32</u>	EMT Project I.D.	4.9
SPECIAL INSTRUCTIONS: <u>Samples have odors</u>				EMT SAMPLE RETURN POLICY ON BACK	

Work Order: 22C0995

Printed: 3/28/2022 4:23:49PM

Client: EPS Environmental Services, Inc.
Project: NELAC

Date Due: Monday, April 4, 2022

Received By: Jennifer Schultz
Logged In By: Jennifer Schultz

Date Received: 03/28/22 15:32
Date Logged In: 03/28/22 16:22

How were samples received? EMT
Cooler temperature at or below 6 degrees Celsius Yes
Chain of Custody present and properly completed Yes
Turn Around Time is indicated and specified Yes
Chain of Custody agrees with sample labels Yes
Samples received within hold time Yes
Proper sample containers received intact Yes
Containers properly preserved Yes
Sufficient Sample Volume Yes
Custody seals present No
Volatile water vials received No

Sample Receipt Comments
Work Order: 22C0995

The samples were received on 03/28/22 15:32. The temperature of the cooler(s) at receipt was:

Cooler	Temp C°
Default Cooler	4.9

The samples were received in good condition and were properly preserved.

Samples going out of hold time within 24 hours:

Reviewed By: JS Date: 03/28/2022

April 12, 2022

EPS Environmental, Inc.
7237 W. Devon Avenue
Chicago, IL 60631
Telephone: (773) 792-3090
Fax: (773) 792-3091

Analytical Report for STAT Work Order: 22040078 Revision 0

RE: 22850-1020 CO#1, 2525 Greenleaf Lane, North Chicago, Illinois

Dear EPS Environmental, Inc.:

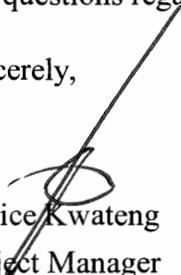
STAT Analysis received 2 samples for the referenced project on 4/4/2022 4:00:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAP standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,



Justice Kwateng
Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples as received and tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

STAT Analysis Corporation

Date: April 12, 2022

Client: EPS Environmental, Inc.

Project: 22850-1020 CO#1, 2525 Greenleaf Lane, North Chica

Work Order Sample Summary

Work Order: 22040078 Revision 0

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
22040078-001A	S-9		4/1/2022 11:00:00 AM	4/4/2022
22040078-001B	S-9		4/1/2022 11:00:00 AM	4/4/2022
22040078-002A	S-10		4/1/2022 11:30:00 AM	4/4/2022
22040078-002B	S-10		4/1/2022 11:30:00 AM	4/4/2022



2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: April 12, 2022

ANALYTICAL RESULTS

Date Printed: April 12, 2022

Client: EPS Environmental, Inc.

Client Sample ID: S-9

Work Order: 22040078 Revision 0

Collection Date: 4/1/2022 11:00:00 AM

Project: 22850-1020 CO#1, 2525 Greenleaf Lane, North Ch

Matrix: Soil

Lab ID: 22040078-001

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 4/5/2022		Analyst: CBG
Benzene	ND	0.0036		mg/Kg-dry	1	4/6/2022
Ethylbenzene	ND	0.0036		mg/Kg-dry	1	4/6/2022
Toluene	ND	0.0036		mg/Kg-dry	1	4/6/2022
Xylenes, Total	ND	0.011		mg/Kg-dry	1	4/6/2022
Polynuclear Aromatic Hydrocarbons by GC/MS		SW8270C (SW3550B)		Prep Date: 4/5/2022		Analyst: TEM
Acenaphthene	ND	0.039		mg/Kg-dry	1	4/7/2022
Acenaphthylene	ND	0.039		mg/Kg-dry	1	4/7/2022
Anthracene	ND	0.039		mg/Kg-dry	1	4/7/2022
Benz(a)anthracene	ND	0.039		mg/Kg-dry	1	4/7/2022
Benzo(a)pyrene	ND	0.039		mg/Kg-dry	1	4/7/2022
Benzo(b)fluoranthene	ND	0.039		mg/Kg-dry	1	4/7/2022
Benzo(g,h,i)perylene	ND	0.039		mg/Kg-dry	1	4/7/2022
Benzo(k)fluoranthene	ND	0.039		mg/Kg-dry	1	4/7/2022
Chrysene	ND	0.039		mg/Kg-dry	1	4/7/2022
Dibenz(a,h)anthracene	ND	0.039		mg/Kg-dry	1	4/7/2022
Fluoranthene	ND	0.039		mg/Kg-dry	1	4/7/2022
Fluorene	ND	0.039		mg/Kg-dry	1	4/7/2022
Indeno(1,2,3-cd)pyrene	ND	0.039		mg/Kg-dry	1	4/7/2022
Naphthalene	ND	0.039		mg/Kg-dry	1	4/7/2022
Phenanthrene	0.057	0.039		mg/Kg-dry	1	4/7/2022
Pyrene	ND	0.039		mg/Kg-dry	1	4/7/2022
Percent Moisture		D2974		Prep Date: 4/11/2022		Analyst: HYM
Percent Moisture	14.4	0.2	*	wt%	1	4/12/2022

Qualifiers: ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 HT - Sample received past holding time
 * - Non-accredited parameter
 RL - Reporting / Quantitation Limit for the analysis
 S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Holding time exceeded

AR000062



2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

Date Reported: April 12, 2022

Date Printed: April 12, 2022

ANALYTICAL RESULTS

Client: EPS Environmental, Inc.

Client Sample ID: S-10

Work Order: 22040078 Revision 0

Collection Date: 4/1/2022 11:30:00 AM

Project: 22850-1020 CO#1, 2525 Greenleaf Lane, North Ch

Matrix: Soil

Lab ID: 22040078-002

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
Volatile Organic Compounds by GC/MS		SW5035/8260B		Prep Date: 4/5/2022		Analyst: CBG
Benzene	ND	0.0036		mg/Kg-dry	1	4/6/2022
Ethylbenzene	ND	0.0036		mg/Kg-dry	1	4/6/2022
Toluene	ND	0.0036		mg/Kg-dry	1	4/6/2022
Xylenes, Total	ND	0.011		mg/Kg-dry	1	4/6/2022
Polynuclear Aromatic Hydrocarbons by GC/MS		SW8270C (SW3550B)		Prep Date: 4/5/2022		Analyst: TEM
Acenaphthene	ND	0.038		mg/Kg-dry	1	4/7/2022
Acenaphthylene	ND	0.038		mg/Kg-dry	1	4/7/2022
Anthracene	ND	0.038		mg/Kg-dry	1	4/7/2022
Benz(a)anthracene	ND	0.038		mg/Kg-dry	1	4/7/2022
Benzo(a)pyrene	ND	0.038		mg/Kg-dry	1	4/7/2022
Benzo(b)fluoranthene	ND	0.038		mg/Kg-dry	1	4/7/2022
Benzo(g,h,i)perylene	ND	0.038		mg/Kg-dry	1	4/7/2022
Benzo(k)fluoranthene	ND	0.038		mg/Kg-dry	1	4/7/2022
Chrysene	ND	0.038		mg/Kg-dry	1	4/7/2022
Dibenz(a,h)anthracene	ND	0.038		mg/Kg-dry	1	4/7/2022
Fluoranthene	ND	0.038		mg/Kg-dry	1	4/7/2022
Fluorene	ND	0.038		mg/Kg-dry	1	4/7/2022
Indeno(1,2,3-cd)pyrene	ND	0.038		mg/Kg-dry	1	4/7/2022
Naphthalene	ND	0.038		mg/Kg-dry	1	4/7/2022
Phenanthrene	0.053	0.038		mg/Kg-dry	1	4/7/2022
Pyrene	ND	0.038		mg/Kg-dry	1	4/7/2022
Percent Moisture		D2974		Prep Date: 4/11/2022		Analyst: HYM
Percent Moisture	13.9	0.2	*	wt%	1	4/12/2022

Qualifiers:

ND - Not Detected at the Reporting Limit	RL - Reporting / Quantitation Limit for the analysis
J - Analyte detected below quantitation limits	S - Spike Recovery outside accepted recovery limits
B - Analyte detected in the associated Method Blank	R - RPD outside accepted recovery limits
HT - Sample received past holding time	E - Value above quantitation range
* - Non-accredited parameter	H - Holding time exceeded

AR000063

STAT Analysis Corporation

Sample Receipt Checklist

Client Name EPS

Date and Time Received:

4/4/2022 4:00:00 PM

Work Order Number 22040078

Received by: JMH

Checklist completed by:

Signature 

Date 4/14/22

Reviewed by:

Initials 

Date 4/15/22

Matrix:

Carrier name STAT Analysis

Shipping container/cooler in good condition?

Yes

No

Not Present

Custody seals intact on shipping container/cooler?

Yes

No

Not Present

Custody seals intact on sample bottles?

Yes

No

Not Present

Chain of custody present?

Yes

No

Chain of custody signed when relinquished and received?

Yes

No

Chain of custody agrees with sample labels/containers?

Yes

No

Samples in proper container/bottle?

Yes

No

Sample containers intact?

Yes

No

Sufficient sample volume for indicated test?

Yes

No

All samples received within holding time?

Yes

No

Container or Temp Blank temperature in compliance?

Yes

No

Temperature 2.5 °C

Water - VOA vials have zero headspace?

No VOA vials submitted

Yes

No

Water - Samples pH checked?

Yes

No

Checked by: _____

Water - Samples properly preserved?

Yes

No

pH Adjusted? _____

Any No response must be detailed in the comments section below.

Comments: _____

Client / Person contacted: _____

Date contacted: _____

Contacted by: _____

Response: _____



Analytical Report

Nick Cuzzone
EPS Environmental Services, Inc.
7237 W. Devon Avenue
Chicago, IL 60631-1621

April 13, 2022

Work Order: 22D0347

RE: NELAC
2525 Greenfield Lane, North Chicago, IL

Dear Nick Cuzzone:

Enclosed are the analytical reports for the EMT Work Order listed. Also included with this analytical report is a copy of the chain of custody associated with these samples. If you have any questions, please contact me.

Sincerely,

Approved by,

Arminta Priddy
Project Manager
847.967.6666
apriddy@emt.com

Approved for release: 4/13/2022 4:31:07PM

Nathan Fey
Laboratory Operations Manager

The contents of this report apply to the sample(s) analyzed. No duplication is allowed except in its entirety. Detection and Reporting limits are adjusted for sample size used, dilutions and moisture content, if applicable.

State of Illinois, NELAP Accredited Lab No. 100256, Cert No. 1002562021-6



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Sample Summary

<u>Sample ID</u>	<u>Laboratory ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
S-11	22D0347-01	Soil	04/06/22 08:00	04/06/22 16:55
S-12	22D0347-02	Soil	04/06/22 08:15	04/06/22 16:55
S-13	22D0347-03	Soil	04/06/22 09:00	04/06/22 16:55
S-14	22D0347-04	Soil	04/06/22 09:15	04/06/22 16:55
S-15	22D0347-05	Soil	04/06/22 11:00	04/06/22 16:55
S-16	22D0347-06	Soil	04/06/22 11:45	04/06/22 16:55
S-17	22D0347-07	Soil	04/06/22 13:15	04/06/22 16:55



Case Narrative

Client: EPS Environmental Services, Inc.

Date: 04/13/2022

Project: NELAC
 2525 Greenfield Lane, North Chicago, IL

Work Order: 22D0347

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

Refer to Qualifiers and Definitions for quality and analytical clarifications or deviations.

Sample results only relate to the sample(s) received at the laboratory and analytes of interest tested.

Work Order: 22D0347

The samples were received on 04/06/22 16:55. The temperature of the cooler(s) at receipt was:

<u>Cooler</u>	<u>Temp C°</u>
Default Cooler	4.9

The samples were received in good condition and were properly preserved.

GCMS Volatiles

8260B_VOC_5035_LOW

22D0347-01: The surrogate spike compounds 4-bromofluorobenzene and 1,2-dichlorobenzene-d4 recovered outside control criteria (82% - 137% and 77% - 142%, respectfully) at 38% and 39% (also respectfully). As all other pertinent quality indicators were acceptable, these exceedances would be attributed to sample matrix.

22D0347-02: The internal standards for the sample recovered below criteria (50% - 200%) all in the range of 16% to 19%. This data is from a reanalysis with the sample exhibiting similar behavior in the initial analysis. This would indicate the recovery exceedances were due to sample matrix.

22D0347-03: Similar to sample 02, the internal standards also exceeded criteria falling in the range of 36% to 40%. This data is also from reanalysis and again with the initial analysis exhibiting similar recovery. This would indicate the recovery exceedances were due to sample matrix.

22D0347-05, 06, 07: Internal standards for these samples recovered outside control criteria (50% - 200%) ranging from 41% to 47%. In all cases this data is from sample reanalysis with the initial data having similar results. This would indicate the exceedances are due to sample matrix.



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Client Sample Results

Client: EPS Environmental Services, Inc.
Project: NELAC
 2525 Greenfield Lane, North Chicago, IL
Work Order: 22D0347

Client Sample ID: S-11
Report Date: 04/13/2022
Collection Date: 04/06/2022 08:00
Matrix: Soil
Lab ID: 22D0347-01

Analyses	Result	EMT Reporting		Qual	Units	Date/Time Analyzed	Batch	Analyst	
		Limit							
Wet Chemistry									
Method: SM2540G									
Total Solids	86.6	0.100			% (Percent)	04/07/22 05:41	B2D0197	MKP	
Volatile Organic Compounds by GC/MS									
Method: SW8260B/D / SW5035									
Benzene	< 0.00173	0.00173			mg/Kg dry	04/07/22 17:53	B2D0361	KS1	
Ethylbenzene	< 0.00692	0.00692			mg/Kg dry	04/07/22 17:53	B2D0361	KS1	
Toluene	< 0.00173	0.00173			mg/Kg dry	04/07/22 17:53	B2D0361	KS1	
Xylenes, Total	< 0.0104	0.0104			mg/Kg dry	04/07/22 17:53	B2D0361	KS1	
Surrogate: Dibromofluoromethane						Recovery: 99%	Limits: 86-150	04/07/22 17:53	B2D0361 KS1
Surrogate: 1,2-Dichloroethane-d4						Recovery: 106%	Limits: 89-150	04/07/22 17:53	B2D0361 KS1
Surrogate: Fluorobenzene						Recovery: 105%	Limits: 88-111	04/07/22 17:53	B2D0361 KS1
Surrogate: Toluene-d8						Recovery: 100%	Limits: 66-113	04/07/22 17:53	B2D0361 KS1
Surrogate: 4-Bromofluorobenzene						S Recovery: 38%	Limits: 82-137	04/07/22 17:53	B2D0361 KS1
Surrogate: 1,2-Dichlorobenzene-d4						S Recovery: 39%	Limits: 77-142	04/07/22 17:53	B2D0361 KS1
Semivolatile Organic Compounds by GC/MS									
Method: SW8270D SIM / SW3550									
Acenaphthene	< 0.0175	0.0175			mg/Kg dry	04/11/22 15:05	B2D0275	kp2	
Acenaphthylene	< 0.0175	0.0175			mg/Kg dry	04/11/22 15:05	B2D0275	kp2	
Anthracene	< 0.0175	0.0175			mg/Kg dry	04/11/22 15:05	B2D0275	kp2	
Benzo(a)anthracene	< 0.0175	0.0175			mg/Kg dry	04/11/22 15:05	B2D0275	kp2	
Benzo(a)pyrene	< 0.0175	0.0175			mg/Kg dry	04/11/22 15:05	B2D0275	kp2	
Benzo(b)fluoranthene	< 0.0175	0.0175			mg/Kg dry	04/11/22 15:05	B2D0275	kp2	
Benzo(g,h,i)perylene	< 0.0175	0.0175			mg/Kg dry	04/11/22 15:05	B2D0275	kp2	
Benzo(k)fluoranthene	< 0.0175	0.0175			mg/Kg dry	04/11/22 15:05	B2D0275	kp2	
Chrysene	< 0.0175	0.0175			mg/Kg dry	04/11/22 15:05	B2D0275	kp2	
Dibenzo(a,h)anthracene	< 0.0175	0.0175			mg/Kg dry	04/11/22 15:05	B2D0275	kp2	
Fluoranthene	< 0.0175	0.0175			mg/Kg dry	04/11/22 15:05	B2D0275	kp2	
Fluorene	< 0.0175	0.0175			mg/Kg dry	04/11/22 15:05	B2D0275	kp2	
Indeno(1,2,3-cd)pyrene	< 0.0175	0.0175			mg/Kg dry	04/11/22 15:05	B2D0275	kp2	
Naphthalene	< 0.0175	0.0175			mg/Kg dry	04/11/22 15:05	B2D0275	kp2	
Phenanthrene	< 0.0175	0.0175			mg/Kg dry	04/11/22 15:05	B2D0275	kp2	
Pyrene	< 0.0175	0.0175			mg/Kg dry	04/11/22 15:05	B2D0275	kp2	
Surrogate: 2-Methylnaphthalene-d10						Recovery: 77%	Limits: 58-127	04/11/22 15:05	B2D0275 kp2
Surrogate: Fluoranthene-d10						Recovery: 72%	Limits: 42-130	04/11/22 15:05	B2D0275 kp2


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Client Sample Results

(Continued)

Client: EPS Environmental Services, Inc.
Project: NELAC
 2525 Greenfield Lane, North Chicago, IL
Work Order: 22D0347

Client Sample ID: S-12
Report Date: 04/13/2022
Collection Date: 04/06/2022 08:15
Matrix: Soil
Lab ID: 22D0347-02

Analyses	Result	EMT Reporting		Units	Date/Time Analyzed	Batch	Analyst
		Limit	Qual				

Wet Chemistry

Method: SM2540G

Total Solids	82.2	0.100		% (Percent)	04/07/22 05:43	B2D0197	MKP
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Volatile Organic Compounds by GC/MS

Method: SW8260B/D / SW5035

Benzene	0.00247	0.00159		mg/Kg dry	04/08/22 17:09	B2D0362	KS1
Ethylbenzene	< 0.00635	0.00635		mg/Kg dry	04/08/22 17:09	B2D0362	KS1
Toluene	0.00202	0.00159		mg/Kg dry	04/08/22 17:09	B2D0362	KS1
Xylenes, Total	< 0.00953	0.00953		mg/Kg dry	04/08/22 17:09	B2D0362	KS1
Surrogate: Dibromofluoromethane				Recovery: 111%	Limits: 86-150	04/08/22 17:09	B2D0362 KS1
Surrogate: 1,2-Dichloroethane-d4				Recovery: 109%	Limits: 89-150	04/08/22 17:09	B2D0362 KS1
Surrogate: Fluorobenzene				Recovery: 102%	Limits: 88-111	04/08/22 17:09	B2D0362 KS1
Surrogate: Toluene-d8				Recovery: 100%	Limits: 66-113	04/08/22 17:09	B2D0362 KS1
Surrogate: 4-Bromofluorobenzene				Recovery: 116%	Limits: 82-137	04/08/22 17:09	B2D0362 KS1
Surrogate: 1,2-Dichlorobenzene-d4				Recovery: 110%	Limits: 77-142	04/08/22 17:09	B2D0362 KS1

Semivolatile Organic Compounds by GC/MS

Method: SW8270D SIM / SW3550

Acenaphthene	< 0.0187	0.0187		mg/Kg dry	04/11/22 15:25	B2D0275	kp2
Acenaphthylene	< 0.0187	0.0187		mg/Kg dry	04/11/22 15:25	B2D0275	kp2
Anthracene	< 0.0187	0.0187		mg/Kg dry	04/11/22 15:25	B2D0275	kp2
Benzo(a)anthracene	< 0.0187	0.0187		mg/Kg dry	04/11/22 15:25	B2D0275	kp2
Benzo(a)pyrene	< 0.0187	0.0187		mg/Kg dry	04/11/22 15:25	B2D0275	kp2
Benzo(b)fluoranthene	< 0.0187	0.0187		mg/Kg dry	04/11/22 15:25	B2D0275	kp2
Benzo(g,h,i)perylene	< 0.0187	0.0187		mg/Kg dry	04/11/22 15:25	B2D0275	kp2
Benzo(k)fluoranthene	< 0.0187	0.0187		mg/Kg dry	04/11/22 15:25	B2D0275	kp2
Chrysene	< 0.0187	0.0187		mg/Kg dry	04/11/22 15:25	B2D0275	kp2
Dibenzo(a,h)anthracene	< 0.0187	0.0187		mg/Kg dry	04/11/22 15:25	B2D0275	kp2
Fluoranthene	< 0.0187	0.0187		mg/Kg dry	04/11/22 15:25	B2D0275	kp2
Fluorene	< 0.0187	0.0187		mg/Kg dry	04/11/22 15:25	B2D0275	kp2
Indeno(1,2,3-cd)pyrene	< 0.0187	0.0187		mg/Kg dry	04/11/22 15:25	B2D0275	kp2
Naphthalene	< 0.0187	0.0187		mg/Kg dry	04/11/22 15:25	B2D0275	kp2
Phenanthrene	0.0469	0.0187		mg/Kg dry	04/11/22 15:25	B2D0275	kp2
Pyrene	< 0.0187	0.0187		mg/Kg dry	04/11/22 15:25	B2D0275	kp2
Surrogate: 2-Methylnaphthalene-d10				Recovery: 81%	Limits: 58-127	04/11/22 15:25	B2D0275 kp2
Surrogate: Fluoranthene-d10				Recovery: 85%	Limits: 42-130	04/11/22 15:25	B2D0275 kp2



Client Sample Results

(Continued)

Client: EPS Environmental Services, Inc.
Project: NELAC
 2525 Greenfield Lane, North Chicago, IL
Work Order: 22D0347

Client Sample ID: S-13
Report Date: 04/13/2022
Collection Date: 04/06/2022 09:00
Matrix: Soil
Lab ID: 22D0347-03

Analyses	Result	EMT Reporting		Units	Date/Time Analyzed	Batch	Analyst	
		Limit	Qual					
Wet Chemistry								
Method: SM2540G								
Total Solids	86.8	0.100		% (Percent)	04/07/22 05:45	B2D0197	MKP	
Volatile Organic Compounds by GC/MS								
Method: SW8260B/D / SW5035								
Benzene	0.00329	0.00148		mg/Kg dry	04/08/22 17:34	B2D0362	KS1	
Ethylbenzene	< 0.00593	0.00593		mg/Kg dry	04/08/22 17:34	B2D0362	KS1	
Toluene	0.00612	0.00148		mg/Kg dry	04/08/22 17:34	B2D0362	KS1	
Xylenes, Total	< 0.00890	0.00890		mg/Kg dry	04/08/22 17:34	B2D0362	KS1	
Surrogate: Dibromofluoromethane				Recovery: 108%	Limits: 86-150	04/08/22 17:34	B2D0362	KS1
Surrogate: 1,2-Dichloroethane-d4				Recovery: 102%	Limits: 89-150	04/08/22 17:34	B2D0362	KS1
Surrogate: Fluorobenzene				Recovery: 102%	Limits: 88-111	04/08/22 17:34	B2D0362	KS1
Surrogate: Toluene-d8				Recovery: 100%	Limits: 66-113	04/08/22 17:34	B2D0362	KS1
Surrogate: 4-Bromofluorobenzene				Recovery: 106%	Limits: 82-137	04/08/22 17:34	B2D0362	KS1
Surrogate: 1,2-Dichlorobenzene-d4				Recovery: 113%	Limits: 77-142	04/08/22 17:34	B2D0362	KS1
Semivolatile Organic Compounds by GC/MS								
Method: SW8270D SIM / SW3550								
Acenaphthene	< 0.0163	0.0163		mg/Kg dry	04/11/22 15:46	B2D0275	kp2	
Acenaphthylene	< 0.0163	0.0163		mg/Kg dry	04/11/22 15:46	B2D0275	kp2	
Anthracene	< 0.0163	0.0163		mg/Kg dry	04/11/22 15:46	B2D0275	kp2	
Benzo(a)anthracene	< 0.0163	0.0163		mg/Kg dry	04/11/22 15:46	B2D0275	kp2	
Benzo(a)pyrene	< 0.0163	0.0163		mg/Kg dry	04/11/22 15:46	B2D0275	kp2	
Benzo(b)fluoranthene	< 0.0163	0.0163		mg/Kg dry	04/11/22 15:46	B2D0275	kp2	
Benzo(g,h,i)perylene	< 0.0163	0.0163		mg/Kg dry	04/11/22 15:46	B2D0275	kp2	
Benzo(k)fluoranthene	< 0.0163	0.0163		mg/Kg dry	04/11/22 15:46	B2D0275	kp2	
Chrysene	< 0.0163	0.0163		mg/Kg dry	04/11/22 15:46	B2D0275	kp2	
Dibenzo(a,h)anthracene	< 0.0163	0.0163		mg/Kg dry	04/11/22 15:46	B2D0275	kp2	
Fluoranthene	< 0.0163	0.0163		mg/Kg dry	04/11/22 15:46	B2D0275	kp2	
Fluorene	< 0.0163	0.0163		mg/Kg dry	04/11/22 15:46	B2D0275	kp2	
Indeno(1,2,3-cd)pyrene	< 0.0163	0.0163		mg/Kg dry	04/11/22 15:46	B2D0275	kp2	
Naphthalene	1.14	0.0163		mg/Kg dry	04/11/22 15:46	B2D0275	kp2	
Phenanthrene	0.0206	0.0163		mg/Kg dry	04/11/22 15:46	B2D0275	kp2	
Pyrene	< 0.0163	0.0163		mg/Kg dry	04/11/22 15:46	B2D0275	kp2	
Surrogate: 2-Methylnaphthalene-d10				Recovery: 68%	Limits: 58-127	04/11/22 15:46	B2D0275	kp2
Surrogate: Fluoranthene-d10				Recovery: 64%	Limits: 42-130	04/11/22 15:46	B2D0275	kp2


Client Sample Results

(Continued)

Client: EPS Environmental Services, Inc.
Project: NELAC
 2525 Greenfield Lane, North Chicago, IL
Work Order: 22D0347

Client Sample ID: S-14
Report Date: 04/13/2022
Collection Date: 04/06/2022 09:15
Matrix: Soil
Lab ID: 22D0347-04

Analyses	Result	EMT Reporting		Qual	Units	Date/Time Analyzed	Batch	Analyst
		Limit						

Wet Chemistry

Method: SM2540G

Total Solids	88.2	0.100		% (Percent)		04/07/22 05:47	B2D0197	MKP
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Volatile Organic Compounds by GC/MS

Method: SW8260B/D / SW5035

Benzene	< 0.000832	0.000832		mg/Kg dry		04/07/22 19:08	B2D0361	KS1
Ethylbenzene	< 0.00333	0.00333		mg/Kg dry		04/07/22 19:08	B2D0361	KS1
Toluene	< 0.000832	0.000832		mg/Kg dry		04/07/22 19:08	B2D0361	KS1
Xylenes, Total	< 0.00499	0.00499		mg/Kg dry		04/07/22 19:08	B2D0361	KS1

Surrogate: Dibromofluoromethane				Recovery: 103%	Limits: 86-150	04/07/22 19:08	B2D0361	KS1
Surrogate: 1,2-Dichloroethane-d4				Recovery: 101%	Limits: 89-150	04/07/22 19:08	B2D0361	KS1
Surrogate: Fluorobenzene				Recovery: 104%	Limits: 88-111	04/07/22 19:08	B2D0361	KS1
Surrogate: Toluene-d8				Recovery: 111%	Limits: 66-113	04/07/22 19:08	B2D0361	KS1
Surrogate: 4-Bromofluorobenzene				Recovery: 121%	Limits: 82-137	04/07/22 19:08	B2D0361	KS1
Surrogate: 1,2-Dichlorobenzene-d4				Recovery: 113%	Limits: 77-142	04/07/22 19:08	B2D0361	KS1

Semivolatile Organic Compounds by GC/MS

Method: SW8270D SIM / SW3550

Acenaphthene	< 0.0176	0.0176		mg/Kg dry		04/11/22 16:05	B2D0275	kp2
Acenaphthylene	< 0.0176	0.0176		mg/Kg dry		04/11/22 16:05	B2D0275	kp2
Anthracene	< 0.0176	0.0176		mg/Kg dry		04/11/22 16:05	B2D0275	kp2
Benzo(a)anthracene	< 0.0176	0.0176		mg/Kg dry		04/11/22 16:05	B2D0275	kp2
Benzo(a)pyrene	< 0.0176	0.0176		mg/Kg dry		04/11/22 16:05	B2D0275	kp2
Benzo(b)fluoranthene	< 0.0176	0.0176		mg/Kg dry		04/11/22 16:05	B2D0275	kp2
Benzo(g,h,i)perylene	< 0.0176	0.0176		mg/Kg dry		04/11/22 16:05	B2D0275	kp2
Benzo(k)fluoranthene	< 0.0176	0.0176		mg/Kg dry		04/11/22 16:05	B2D0275	kp2
Chrysene	< 0.0176	0.0176		mg/Kg dry		04/11/22 16:05	B2D0275	kp2
Dibenzo(a,h)anthracene	< 0.0176	0.0176		mg/Kg dry		04/11/22 16:05	B2D0275	kp2
Fluoranthene	< 0.0176	0.0176		mg/Kg dry		04/11/22 16:05	B2D0275	kp2
Fluorene	< 0.0176	0.0176		mg/Kg dry		04/11/22 16:05	B2D0275	kp2
Indeno(1,2,3-cd)pyrene	< 0.0176	0.0176		mg/Kg dry		04/11/22 16:05	B2D0275	kp2
Naphthalene	< 0.0176	0.0176		mg/Kg dry		04/11/22 16:05	B2D0275	kp2
Phenanthrene	< 0.0176	0.0176		mg/Kg dry		04/11/22 16:05	B2D0275	kp2
Pyrene	< 0.0176	0.0176		mg/Kg dry		04/11/22 16:05	B2D0275	kp2

Surrogate: 2-Methylnaphthalene-d10				Recovery: 79%	Limits: 58-127	04/11/22 16:05	B2D0275	kp2
Surrogate: Fluoranthene-d10				Recovery: 78%	Limits: 42-130	04/11/22 16:05	B2D0275	kp2



Client Sample Results

(Continued)

Client: EPS Environmental Services, Inc.
Project: NELAC
 2525 Greenfield Lane, North Chicago, IL
Work Order: 22D0347

Client Sample ID: S-15
Report Date: 04/13/2022
Collection Date: 04/06/2022 11:00
Matrix: Soil
Lab ID: 22D0347-05

Analyses	Result	EMT Reporting		Qual	Units	Date/Time Analyzed	Batch	Analyst
		Limit						

Wet Chemistry

Method: SM2540G

Total Solids	86.7	0.100			% (Percent)	04/07/22 05:49	B2D0197	MKP
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Volatile Organic Compounds by GC/MS

Method: SW8260B/D / SW5035

Benzene	< 0.00153	0.00153			mg/Kg dry	04/07/22 19:33	B2D0361	KS1
Ethylbenzene	< 0.00613	0.00613			mg/Kg dry	04/07/22 19:33	B2D0361	KS1
Toluene	< 0.00153	0.00153			mg/Kg dry	04/07/22 19:33	B2D0361	KS1
Xylenes, Total	< 0.00920	0.00920			mg/Kg dry	04/07/22 19:33	B2D0361	KS1

Surrogate: Dibromofluoromethane					Recovery: 102%	Limits: 86-150	04/07/22 19:33	B2D0361	KS1
Surrogate: 1,2-Dichloroethane-d4					Recovery: 102%	Limits: 89-150	04/07/22 19:33	B2D0361	KS1
Surrogate: Fluorobenzene					Recovery: 102%	Limits: 88-111	04/07/22 19:33	B2D0361	KS1
Surrogate: Toluene-d8					Recovery: 104%	Limits: 66-113	04/07/22 19:33	B2D0361	KS1
Surrogate: 4-Bromofluorobenzene					Recovery: 113%	Limits: 82-137	04/07/22 19:33	B2D0361	KS1
Surrogate: 1,2-Dichlorobenzene-d4					Recovery: 109%	Limits: 77-142	04/07/22 19:33	B2D0361	KS1

Semivolatile Organic Compounds by GC/MS

Method: SW8270D SIM / SW3550

Acenaphthene	< 0.0184	0.0184			mg/Kg dry	04/11/22 16:26	B2D0275	kp2
Acenaphthylene	< 0.0184	0.0184			mg/Kg dry	04/11/22 16:26	B2D0275	kp2
Anthracene	< 0.0184	0.0184			mg/Kg dry	04/11/22 16:26	B2D0275	kp2
Benzo(a)anthracene	< 0.0184	0.0184			mg/Kg dry	04/11/22 16:26	B2D0275	kp2
Benzo(a)pyrene	< 0.0184	0.0184			mg/Kg dry	04/11/22 16:26	B2D0275	kp2
Benzo(b)fluoranthene	< 0.0184	0.0184			mg/Kg dry	04/11/22 16:26	B2D0275	kp2
Benzo(g,h,i)perylene	< 0.0184	0.0184			mg/Kg dry	04/11/22 16:26	B2D0275	kp2
Benzo(k)fluoranthene	< 0.0184	0.0184			mg/Kg dry	04/11/22 16:26	B2D0275	kp2
Chrysene	< 0.0184	0.0184			mg/Kg dry	04/11/22 16:26	B2D0275	kp2
Dibenzo(a,h)anthracene	< 0.0184	0.0184			mg/Kg dry	04/11/22 16:26	B2D0275	kp2
Fluoranthene	< 0.0184	0.0184			mg/Kg dry	04/11/22 16:26	B2D0275	kp2
Fluorene	< 0.0184	0.0184			mg/Kg dry	04/11/22 16:26	B2D0275	kp2
Indeno(1,2,3-cd)pyrene	< 0.0184	0.0184			mg/Kg dry	04/11/22 16:26	B2D0275	kp2
Naphthalene	< 0.0184	0.0184			mg/Kg dry	04/11/22 16:26	B2D0275	kp2
Phenanthrene	< 0.0184	0.0184			mg/Kg dry	04/11/22 16:26	B2D0275	kp2
Pyrene	< 0.0184	0.0184			mg/Kg dry	04/11/22 16:26	B2D0275	kp2

Surrogate: 2-Methylnaphthalene-d10					Recovery: 82%	Limits: 58-127	04/11/22 16:26	B2D0275	kp2
Surrogate: Fluoranthene-d10					Recovery: 82%	Limits: 42-130	04/11/22 16:26	B2D0275	kp2



Client Sample Results

(Continued)

Client: EPS Environmental Services, Inc.
Project: NELAC
 2525 Greenfield Lane, North Chicago, IL
Work Order: 22D0347

Client Sample ID: S-16
Report Date: 04/13/2022
Collection Date: 04/06/2022 11:45
Matrix: Soil
Lab ID: 22D0347-06

Analyses	Result	EMT Reporting		Qual	Units	Date/Time Analyzed	Batch	Analyst
		Limit						

Wet Chemistry

Method: SM2540G

Total Solids	86.5	0.100			% (Percent)	04/07/22 05:51	B2D0197	MKP
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Volatile Organic Compounds by GC/MS

Method: SW8260B/D / SW5035

Benzene	< 0.00145	0.00145			mg/Kg dry	04/07/22 19:57	B2D0361	KS1
Ethylbenzene	< 0.00580	0.00580			mg/Kg dry	04/07/22 19:57	B2D0361	KS1
Toluene	< 0.00145	0.00145			mg/Kg dry	04/07/22 19:57	B2D0361	KS1
Xylenes, Total	< 0.00871	0.00871			mg/Kg dry	04/07/22 19:57	B2D0361	KS1

Surrogate: Dibromofluoromethane					Recovery: 99%	Limits: 86-150	04/07/22 19:57	B2D0361	KS1
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Surrogate: 1,2-Dichloroethane-d4					Recovery: 107%	Limits: 89-150	04/07/22 19:57	B2D0361	KS1
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Surrogate: Fluorobenzene					Recovery: 103%	Limits: 88-111	04/07/22 19:57	B2D0361	KS1
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Surrogate: Toluene-d8					Recovery: 106%	Limits: 66-113	04/07/22 19:57	B2D0361	KS1
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Surrogate: 4-Bromofluorobenzene					Recovery: 109%	Limits: 82-137	04/07/22 19:57	B2D0361	KS1
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Surrogate: 1,2-Dichlorobenzene-d4					Recovery: 112%	Limits: 77-142	04/07/22 19:57	B2D0361	KS1
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Semivolatile Organic Compounds by GC/MS

Method: SW8270D SIM / SW3550

Acenaphthene	< 0.0164	0.0164			mg/Kg dry	04/11/22 16:47	B2D0275	kp2
Acenaphthylene	< 0.0164	0.0164			mg/Kg dry	04/11/22 16:47	B2D0275	kp2
Anthracene	< 0.0164	0.0164			mg/Kg dry	04/11/22 16:47	B2D0275	kp2
Benzo(a)anthracene	< 0.0164	0.0164			mg/Kg dry	04/11/22 16:47	B2D0275	kp2
Benzo(a)pyrene	< 0.0164	0.0164			mg/Kg dry	04/11/22 16:47	B2D0275	kp2
Benzo(b)fluoranthene	< 0.0164	0.0164			mg/Kg dry	04/11/22 16:47	B2D0275	kp2
Benzo(g,h,i)perylene	< 0.0164	0.0164			mg/Kg dry	04/11/22 16:47	B2D0275	kp2
Benzo(k)fluoranthene	< 0.0164	0.0164			mg/Kg dry	04/11/22 16:47	B2D0275	kp2
Chrysene	< 0.0164	0.0164			mg/Kg dry	04/11/22 16:47	B2D0275	kp2
Dibenzo(a,h)anthracene	< 0.0164	0.0164			mg/Kg dry	04/11/22 16:47	B2D0275	kp2
Fluoranthene	< 0.0164	0.0164			mg/Kg dry	04/11/22 16:47	B2D0275	kp2
Fluorene	< 0.0164	0.0164			mg/Kg dry	04/11/22 16:47	B2D0275	kp2
Indeno(1,2,3-cd)pyrene	< 0.0164	0.0164			mg/Kg dry	04/11/22 16:47	B2D0275	kp2
Naphthalene	< 0.0164	0.0164			mg/Kg dry	04/11/22 16:47	B2D0275	kp2
Phenanthrene	< 0.0164	0.0164			mg/Kg dry	04/11/22 16:47	B2D0275	kp2
Pyrene	< 0.0164	0.0164			mg/Kg dry	04/11/22 16:47	B2D0275	kp2

Surrogate: 2-Methylnaphthalene-d10					Recovery: 79%	Limits: 58-127	04/11/22 16:47	B2D0275	kp2
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Surrogate: Fluoranthene-d10					Recovery: 76%	Limits: 42-130	04/11/22 16:47	B2D0275	kp2
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Client Sample Results

(Continued)

Client: EPS Environmental Services, Inc.
Project: NELAC
 2525 Greenfield Lane, North Chicago, IL
Work Order: 22D0347

Client Sample ID: S-17
Report Date: 04/13/2022
Collection Date: 04/06/2022 13:15
Matrix: Soil
Lab ID: 22D0347-07

Analyses	Result	EMT Reporting		Qual	Units	Date/Time Analyzed	Batch	Analyst
		Limit						

Wet Chemistry

Method: SM2540G

Total Solids	86.9	0.100			% (Percent)	04/07/22 05:53	B2D0197	MKP
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Volatile Organic Compounds by GC/MS

Method: SW8260B/D / SW5035

Benzene	< 0.00143	0.00143			mg/Kg dry	04/07/22 20:22	B2D0361	KS1
Ethylbenzene	< 0.00571	0.00571			mg/Kg dry	04/07/22 20:22	B2D0361	KS1
Toluene	< 0.00143	0.00143			mg/Kg dry	04/07/22 20:22	B2D0361	KS1
Xylenes, Total	< 0.00856	0.00856			mg/Kg dry	04/07/22 20:22	B2D0361	KS1

Surrogate: Dibromofluoromethane					Recovery: 105%	Limits: 86-150	04/07/22 20:22	B2D0361	KS1
Surrogate: 1,2-Dichloroethane-d4					Recovery: 103%	Limits: 89-150	04/07/22 20:22	B2D0361	KS1
Surrogate: Fluorobenzene					Recovery: 107%	Limits: 88-111	04/07/22 20:22	B2D0361	KS1
Surrogate: Toluene-d8					Recovery: 103%	Limits: 66-113	04/07/22 20:22	B2D0361	KS1
Surrogate: 4-Bromofluorobenzene					Recovery: 109%	Limits: 82-137	04/07/22 20:22	B2D0361	KS1
Surrogate: 1,2-Dichlorobenzene-d4					Recovery: 106%	Limits: 77-142	04/07/22 20:22	B2D0361	KS1

Semivolatile Organic Compounds by GC/MS

Method: SW8270D SIM / SW3550

Acenaphthene	< 0.0167	0.0167			mg/Kg dry	04/11/22 17:07	B2D0275	kp2
Acenaphthylene	< 0.0167	0.0167			mg/Kg dry	04/11/22 17:07	B2D0275	kp2
Anthracene	< 0.0167	0.0167			mg/Kg dry	04/11/22 17:07	B2D0275	kp2
Benzo(a)anthracene	< 0.0167	0.0167			mg/Kg dry	04/11/22 17:07	B2D0275	kp2
Benzo(a)pyrene	< 0.0167	0.0167			mg/Kg dry	04/11/22 17:07	B2D0275	kp2
Benzo(b)fluoranthene	< 0.0167	0.0167			mg/Kg dry	04/11/22 17:07	B2D0275	kp2
Benzo(g,h,i)perylene	< 0.0167	0.0167			mg/Kg dry	04/11/22 17:07	B2D0275	kp2
Benzo(k)fluoranthene	< 0.0167	0.0167			mg/Kg dry	04/11/22 17:07	B2D0275	kp2
Chrysene	< 0.0167	0.0167			mg/Kg dry	04/11/22 17:07	B2D0275	kp2
Dibenzo(a,h)anthracene	< 0.0167	0.0167			mg/Kg dry	04/11/22 17:07	B2D0275	kp2
Fluoranthene	< 0.0167	0.0167			mg/Kg dry	04/11/22 17:07	B2D0275	kp2
Fluorene	< 0.0167	0.0167			mg/Kg dry	04/11/22 17:07	B2D0275	kp2
Indeno(1,2,3-cd)pyrene	< 0.0167	0.0167			mg/Kg dry	04/11/22 17:07	B2D0275	kp2
Naphthalene	< 0.0167	0.0167			mg/Kg dry	04/11/22 17:07	B2D0275	kp2
Phenanthrene	< 0.0167	0.0167			mg/Kg dry	04/11/22 17:07	B2D0275	kp2
Pyrene	< 0.0167	0.0167			mg/Kg dry	04/11/22 17:07	B2D0275	kp2

Surrogate: 2-Methylnaphthalene-d10					Recovery: 78%	Limits: 58-127	04/11/22 17:07	B2D0275	kp2
Surrogate: Fluoranthene-d10					Recovery: 67%	Limits: 42-130	04/11/22 17:07	B2D0275	kp2



Dates Report

Client: EPS Environmental Services, Inc.
Project: NELAC
 2525 Greenfield Lane, North Chicago, IL
Work Order: 22D0347

Report Date: 04/13/2022

Sample ID	Client Sample ID	Collection	Matrix	Test Name	Leached Prep Date	Prep Date	Analysis Date	Batch ID	Sequence
22D0347-01	S-11	04/06/22	Soil	Total Solids / Percent Moisture		04/07/22 05:19	04/07/22 05:41	B2D0197	
				Semivolatile Organic Compounds, SIM, PNAs by GC/MS		04/08/22 15:00	04/11/22 15:05	B2D0275	S2D0203
				Volatile Organic Compounds by GC/MS		04/07/22 09:45	04/07/22 17:53	B2D0361	S2D0129
22D0347-02	S-12	04/06/22		Total Solids / Percent Moisture		04/07/22 05:19	04/07/22 05:43	B2D0197	
				Semivolatile Organic Compounds, SIM, PNAs by GC/MS		04/08/22 15:00	04/11/22 15:25	B2D0275	S2D0203
				Volatile Organic Compounds by GC/MS		04/08/22 09:12	04/08/22 17:09	B2D0362	S2D0164
22D0347-03	S-13	04/06/22		Total Solids / Percent Moisture		04/07/22 05:19	04/07/22 05:45	B2D0197	
				Semivolatile Organic Compounds, SIM, PNAs by GC/MS		04/08/22 15:00	04/11/22 15:46	B2D0275	S2D0203
				Volatile Organic Compounds by GC/MS		04/08/22 09:12	04/08/22 17:34	B2D0362	S2D0164
22D0347-04	S-14	04/06/22		Total Solids / Percent Moisture		04/07/22 05:19	04/07/22 05:47	B2D0197	
				Semivolatile Organic Compounds, SIM, PNAs by GC/MS		04/08/22 15:00	04/11/22 16:05	B2D0275	S2D0203
				Volatile Organic Compounds by GC/MS		04/07/22 09:45	04/07/22 19:08	B2D0361	S2D0129
22D0347-05	S-15	04/06/22		Total Solids / Percent Moisture		04/07/22 05:19	04/07/22 05:49	B2D0197	
				Semivolatile Organic Compounds, SIM, PNAs by GC/MS		04/08/22 15:00	04/11/22 16:26	B2D0275	S2D0203
				Volatile Organic Compounds by GC/MS		04/07/22 09:45	04/07/22 19:33	B2D0361	S2D0129
22D0347-06	S-16	04/06/22		Total Solids / Percent Moisture		04/07/22 05:19	04/07/22 05:51	B2D0197	
				Semivolatile Organic Compounds, SIM, PNAs by GC/MS		04/08/22 15:00	04/11/22 16:47	B2D0275	S2D0203
				Volatile Organic Compounds by GC/MS		04/07/22 09:45	04/07/22 19:57	B2D0361	S2D0129
22D0347-07	S-17	04/06/22		Total Solids / Percent Moisture		04/07/22 05:19	04/07/22 05:53	B2D0197	
				Semivolatile Organic Compounds, SIM, PNAs by GC/MS		04/08/22 15:00	04/11/22 17:07	B2D0275	S2D0203
				Volatile Organic Compounds by GC/MS		04/07/22 09:45	04/07/22 20:22	B2D0361	S2D0129



Quality Control

Client: EPS Environmental Services, Inc.
Project: NELAC
 2525 Greenfield Lane, North Chicago, IL
Work Order: 22D0347

Report Date: 04/13/2022
Matrix: Solid

Wet Chemistry

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch: B2D0197

Blank (B2D0197-BLK1)

Prepared: 04/07/2022 05:19 Analyzed: 04/07/2022 05:59

Total Solids < 0.0240 0.100 %

LCS (B2D0197-BS1)

Prepared: 04/07/2022 05:19 Analyzed: 04/07/2022 06:01

Total Solids 0.192 0.100 % 0.2040 94.2 85-102

Duplicate (B2D0197-DUP1)

Source: 22D0295-06

Prepared: 04/07/2022 05:19 Analyzed: 04/07/2022 06:03

Total Solids 54.2 0.100 % 54.8 1.17 5

Duplicate (B2D0197-DUP2)

Source: 22D0350-01

Prepared: 04/07/2022 05:19 Analyzed: 04/07/2022 06:05

Total Solids 90.8 0.100 % 91.5 0.764 5



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Quality Control

(Continued)

Client: EPS Environmental Services, Inc.
Project: NELAC
 2525 Greenfield Lane, North Chicago, IL
Work Order: 22D0347

Report Date: 04/13/2022
Matrix: Solid

Volatil Organic Compounds by GC/MS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch: B2D0361 - SW5035

Blank (B2D0361-BLK1)

Prepared: 04/07/2022 10:00 Analyzed: 04/07/2022 13:12

1,1,1-Trichloroethane	< 0.000409	0.00200	mg/Kg wet
1,1,2,2-Tetrachloroethane	< 0.000356	0.00200	mg/Kg wet
1,1,2-Trichloroethane	< 0.000439	0.00200	mg/Kg wet
1,1-Dichloroethane	< 0.000543	0.00400	mg/Kg wet
1,1-Dichloroethene	< 0.000434	0.00200	mg/Kg wet
1,2-Dibromo-3-chloropropane	< 0.00166	0.00800	mg/Kg wet
1,2-Dibromoethane	< 0.000272	0.00200	mg/Kg wet
1,2-Dichloroethane	< 0.000411	0.00200	mg/Kg wet
1,2-Dichloropropane	< 0.000483	0.00200	mg/Kg wet
1-Butanol	< 0.0290	0.200	mg/Kg wet
2-Butanone	< 0.00681	0.0280	mg/Kg wet
2-Hexanone	< 0.00531	0.0280	mg/Kg wet
4-Methyl-2-pentanone	< 0.00408	0.0280	mg/Kg wet
Acetone	< 0.0121	0.0700	mg/Kg wet
Acrylonitrile	< 0.000980	0.00400	mg/Kg wet
Benzene	< 0.000288	0.00200	mg/Kg wet
Bromodichloromethane	< 0.000482	0.00200	mg/Kg wet
Bromoform	< 0.000630	0.00400	mg/Kg wet
Bromomethane	< 0.00240	0.0200	mg/Kg wet
Carbon disulfide	< 0.000602	0.00400	mg/Kg wet
Carbon tetrachloride	< 0.00279	0.0200	mg/Kg wet
Chlorobenzene	< 0.000520	0.00400	mg/Kg wet
Chloroethane	< 0.00141	0.00800	mg/Kg wet
Chloroform	< 0.000731	0.00400	mg/Kg wet
Chloromethane	< 0.00146	0.00800	mg/Kg wet
cis-1,2-Dichloroethene	< 0.000570	0.00400	mg/Kg wet
Dibromochloromethane	< 0.000476	0.00200	mg/Kg wet
Ethylbenzene	< 0.00103	0.00800	mg/Kg wet
m,p-Xylene	< 0.00162	0.00800	mg/Kg wet
Methyl tert-butyl ether	< 0.000334	0.00200	mg/Kg wet
Methylene chloride	< 0.00393	0.0200	mg/Kg wet
o-Xylene	< 0.00102	0.00800	mg/Kg wet
Styrene	< 0.00110	0.00800	mg/Kg wet
Tetrachloroethene	< 0.000584	0.00400	mg/Kg wet
Toluene	< 0.000362	0.00200	mg/Kg wet
trans-1,2-Dichloroethene	< 0.000926	0.00400	mg/Kg wet
Trichloroethene	< 0.000485	0.00200	mg/Kg wet
Vinyl acetate	< 0.000510	0.00400	mg/Kg wet
Vinyl chloride	< 0.000714	0.00400	mg/Kg wet
Xylenes, Total	< 0.00256	0.0120	mg/Kg wet
1,3-Dichloropropene, Total	< 0.000630	0.00400	mg/Kg wet

Surrogate: Dibromofluoromethane

20.4

ug/Kg

20.00

102

86-150



Quality Control

(Continued)

Client: EPS Environmental Services, Inc.
Project: NELAC
 2525 Greenfield Lane, North Chicago, IL
Work Order: 22D0347

Report Date: 04/13/2022**Matrix:** Solid

Volatile Organic Compounds by GC/MS

(Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch: B2D0361 - SW5035 (Continued)**Blank (B2D0361-BLK1)** (Continued)

Prepared: 04/07/2022 10:00 Analyzed: 04/07/2022 13:12

Surrogate: 1,2-Dichloroethane-d4	17.6		ug/Kg	20.00		88	89-150			S
Surrogate: Fluorobenzene	20.9		ug/Kg	20.00		105	88-111			
Surrogate: Toluene-d8	21.8		ug/Kg	20.00		109	66-113			
Surrogate: 4-Bromofluorobenzene	9.88		ug/Kg	10.00		99	82-137			
Surrogate: 1,2-Dichlorobenzene-d4	20.3		ug/Kg	20.00		101	77-142			

LCS (B2D0361-BS1)

Prepared: 04/07/2022 10:00 Analyzed: 04/07/2022 11:33

1,1,1-Trichloroethane	0.0356	0.00200	mg/Kg wet	0.04000		89	80-127			
1,1,1,2-Tetrachloroethane	0.0428	0.00200	mg/Kg wet	0.04000		107	70-124			
1,1,2-Trichloroethane	0.0367	0.00200	mg/Kg wet	0.04000		92	78-121			
1,1-Dichloroethane	0.0385	0.00400	mg/Kg wet	0.04000		96	76-125			
1,1-Dichloroethene	0.0390	0.00200	mg/Kg wet	0.04000		97	70-131			
1,2-Dibromo-3-chloropropane	0.0395	0.00800	mg/Kg wet	0.04000		99	69-128			
1,2-Dibromoethane	0.0370	0.00200	mg/Kg wet	0.04000		93	78-122			
1,2-Dichloroethane	0.0330	0.00200	mg/Kg wet	0.04000		82	73-128			
1,2-Dichloropropane	0.0375	0.00200	mg/Kg wet	0.04000		94	76-123			
1-Butanol	0.370	0.200	mg/Kg wet	0.4000		93	70-130			
2-Butanone	0.142	0.0280	mg/Kg wet	0.1400		102	66-147			
2-Hexanone	0.146	0.0280	mg/Kg wet	0.1400		105	60-145			
4-Methyl-2-pentanone	0.140	0.0280	mg/Kg wet	0.1400		100	65-135			
Acetone	0.128	0.0700	mg/Kg wet	0.1400		91	36-164			
Acrylonitrile	0.0393	0.00400	mg/Kg wet	0.04000		98	65-134			
Benzene	0.0367	0.00200	mg/Kg wet	0.04000		92	77-121			
Bromodichloromethane	0.0349	0.00200	mg/Kg wet	0.04000		87	75-127			
Bromoform	0.0387	0.00400	mg/Kg wet	0.04000		97	67-132			
Bromomethane	0.0367	0.0200	mg/Kg wet	0.04000		92	53-143			
Carbon disulfide	0.0423	0.00400	mg/Kg wet	0.04000		106	63-132			
Carbon tetrachloride	0.0335	0.0200	mg/Kg wet	0.04000		84	70-135			
Chlorobenzene	0.0371	0.00400	mg/Kg wet	0.04000		93	73-123			
Chloroethane	0.0391	0.00800	mg/Kg wet	0.04000		98	59-139			
Chloroform	0.0348	0.00400	mg/Kg wet	0.04000		87	73-127			
Chloromethane	0.0403	0.00800	mg/Kg wet	0.04000		101	50-136			
cis-1,2-Dichloroethene	0.0386	0.00400	mg/Kg wet	0.04000		97	77-123			
Dibromochloromethane	0.0371	0.00200	mg/Kg wet	0.04000		93	74-126			
Ethylbenzene	0.0374	0.00800	mg/Kg wet	0.04000		93	76-122			
m,p-Xylene	0.0732	0.00800	mg/Kg wet	0.08000		92	77-124			
Methyl tert-butyl ether	0.0373	0.00200	mg/Kg wet	0.04000		93	78-124			
Methylene chloride	0.0363	0.0200	mg/Kg wet	0.04000		91	70-128			
o-Xylene	0.0386	0.00800	mg/Kg wet	0.04000		97	77-123			
Styrene	0.0379	0.00800	mg/Kg wet	0.04000		95	76-124			
Tetrachloroethene	0.0335	0.00400	mg/Kg wet	0.04000		84	73-125			
Toluene	0.0378	0.00200	mg/Kg wet	0.04000		95	77-121			



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Quality Control

(Continued)

Client: EPS Environmental Services, Inc.

Report Date: 04/13/2022

Project: NELAC
2525 Greenfield Lane, North Chicago, IL

Matrix: Solid

Work Order: 22D0347

Volatile Organic Compounds by GC/MS

(Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch: B2D0361 - SW5035 (Continued)

LCS (B2D0361-BS1) (Continued)

Prepared: 04/07/2022 10:00 Analyzed: 04/07/2022 11:33

trans-1,2-Dichloroethene	0.0390	0.00400	mg/Kg wet	0.04000		97	74-125			
Trichloroethene	0.0363	0.00200	mg/Kg wet	0.04000		91	72-126			
Vinyl acetate	0.0416	0.00400	mg/Kg wet	0.04000		104	50-151			
Vinyl chloride	0.0407	0.00400	mg/Kg wet	0.04000		102	56-135			
Xylenes, Total	0.112	0.0120	mg/Kg wet	0.1200		93	78-124			
1,3-Dichloropropene, Total	0.0723	0.00400	mg/Kg wet	0.08000		90	77-126			
<hr/>										
Surrogate: Dibromofluoromethane	20.4		ug/Kg	20.00		102	86-150			
Surrogate: 1,2-Dichloroethane-d4	18.0		ug/Kg	20.00		90	89-150			
Surrogate: Fluorobenzene	20.7		ug/Kg	20.00		103	88-111			
Surrogate: Toluene-d8	21.3		ug/Kg	20.00		107	66-113			
Surrogate: 4-Bromofluorobenzene	10.2		ug/Kg	10.00		102	82-137			
Surrogate: 1,2-Dichlorobenzene-d4	19.7		ug/Kg	20.00		98	77-142			

LCS Dup (B2D0361-BSD1)

Prepared: 04/07/2022 10:00 Analyzed: 04/07/2022 11:58

1,1,1-Trichloroethane	0.0357	0.00200	mg/Kg wet	0.04000		89	80-127	0.4	20	
1,1,2,2-Tetrachloroethane	0.0420	0.00200	mg/Kg wet	0.04000		105	70-124	2	20	
1,1,2-Trichloroethane	0.0354	0.00200	mg/Kg wet	0.04000		88	78-121	4	20	
1,1-Dichloroethane	0.0391	0.00400	mg/Kg wet	0.04000		98	76-125	1	20	
1,1-Dichloroethene	0.0389	0.00200	mg/Kg wet	0.04000		97	70-131	0.2	20	
1,2-Dibromo-3-chloropropane	0.0378	0.00800	mg/Kg wet	0.04000		95	69-128	4	20	
1,2-Dibromoethane	0.0374	0.00200	mg/Kg wet	0.04000		93	78-122	1	20	
1,2-Dichloroethane	0.0331	0.00200	mg/Kg wet	0.04000		83	73-128	0.3	20	
1,2-Dichloropropane	0.0388	0.00200	mg/Kg wet	0.04000		97	76-123	3	20	
1-Butanol	0.361	0.200	mg/Kg wet	0.4000		90	70-130	3	20	
2-Butanone	0.132	0.0280	mg/Kg wet	0.1400		94	66-147	8	20	
2-Hexanone	0.140	0.0280	mg/Kg wet	0.1400		100	60-145	4	20	
4-Methyl-2-pentanone	0.136	0.0280	mg/Kg wet	0.1400		97	65-135	2	20	
Acetone	0.118	0.0700	mg/Kg wet	0.1400		84	36-164	8	20	
Acrylonitrile	0.0357	0.00400	mg/Kg wet	0.04000		89	65-134	10	20	
Benzene	0.0376	0.00200	mg/Kg wet	0.04000		94	77-121	2	20	
Bromodichloromethane	0.0352	0.00200	mg/Kg wet	0.04000		88	75-127	0.9	20	
Bromoform	0.0400	0.00400	mg/Kg wet	0.04000		100	67-132	3	20	
Bromomethane	0.0361	0.0200	mg/Kg wet	0.04000		90	53-143	2	20	
Carbon disulfide	0.0432	0.00400	mg/Kg wet	0.04000		108	63-132	2	20	
Carbon tetrachloride	0.0344	0.0200	mg/Kg wet	0.04000		86	70-135	3	20	
Chlorobenzene	0.0379	0.00400	mg/Kg wet	0.04000		95	73-123	2	20	
Chloroethane	0.0352	0.00800	mg/Kg wet	0.04000		88	59-139	10	20	
Chloroform	0.0353	0.00400	mg/Kg wet	0.04000		88	73-127	1	20	
Chloromethane	0.0388	0.00800	mg/Kg wet	0.04000		97	50-136	4	20	
cis-1,2-Dichloroethene	0.0390	0.00400	mg/Kg wet	0.04000		98	77-123	1	20	
Dibromochloromethane	0.0379	0.00200	mg/Kg wet	0.04000		95	74-126	2	20	
Ethylbenzene	0.0379	0.00800	mg/Kg wet	0.04000		95	76-122	1	20	



Quality Control

(Continued)

Client: EPS Environmental Services, Inc.
Project: NELAC
 2525 Greenfield Lane, North Chicago, IL
Work Order: 22D0347

Report Date: 04/13/2022
Matrix: Solid

Volatile Organic Compounds by GC/MS

(Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch: B2D0361 - SW5035 (Continued)

LCS Dup (B2D0361-BSD1) (Continued)

Prepared: 04/07/2022 10:00 Analyzed: 04/07/2022 11:58

m,p-Xylene	0.0750	0.00800	mg/Kg wet	0.08000		94	77-124	2	20	
Methyl tert-butyl ether	0.0365	0.00200	mg/Kg wet	0.04000		91	78-124	2	20	
Methylene chloride	0.0369	0.0200	mg/Kg wet	0.04000		92	70-128	1	20	
o-Xylene	0.0391	0.00800	mg/Kg wet	0.04000		98	77-123	1	20	
Styrene	0.0377	0.00800	mg/Kg wet	0.04000		94	76-124	0.4	20	
Tetrachloroethene	0.0360	0.00400	mg/Kg wet	0.04000		90	73-125	7	20	
Toluene	0.0390	0.00200	mg/Kg wet	0.04000		98	77-121	3	20	
trans-1,2-Dichloroethene	0.0378	0.00400	mg/Kg wet	0.04000		95	74-125	3	20	
Trichloroethene	0.0364	0.00200	mg/Kg wet	0.04000		91	72-126	0.5	20	
Vinyl acetate	0.0413	0.00400	mg/Kg wet	0.04000		103	50-151	0.6	20	
Vinyl chloride	0.0399	0.00400	mg/Kg wet	0.04000		100	56-135	2	20	
Xylenes, Total	0.114	0.0120	mg/Kg wet	0.1200		95	78-124	2	20	
1,3-Dichloropropene, Total	0.0722	0.00400	mg/Kg wet	0.08000		90	77-126	0.08	20	

Surrogate: Dibromofluoromethane	20.6		ug/Kg	20.00		103	86-150			
Surrogate: 1,2-Dichloroethane-d4	18.1		ug/Kg	20.00		90	89-150			
Surrogate: Fluorobenzene	20.6		ug/Kg	20.00		103	88-111			
Surrogate: Toluene-d8	21.4		ug/Kg	20.00		107	66-113			
Surrogate: 4-Bromofluorobenzene	10.3		ug/Kg	10.00		103	82-137			
Surrogate: 1,2-Dichlorobenzene-d4	19.8		ug/Kg	20.00		99	77-142			

Batch: B2D0362 - SW5035

Blank (B2D0362-BLK1)

Prepared: 04/08/2022 08:15 Analyzed: 04/08/2022 12:04

1,1,1-Trichloroethane	< 0.000409	0.00200	mg/Kg wet							
1,1,2,2-Tetrachloroethane	< 0.000356	0.00200	mg/Kg wet							
1,1,2-Trichloroethane	< 0.000439	0.00200	mg/Kg wet							
1,1-Dichloroethane	< 0.000543	0.00400	mg/Kg wet							
1,1-Dichloroethene	< 0.000434	0.00200	mg/Kg wet							
1,2-Dibromo-3-chloropropane	< 0.00166	0.00800	mg/Kg wet							
1,2-Dibromoethane	< 0.000272	0.00200	mg/Kg wet							
1,2-Dichloroethane	< 0.000411	0.00200	mg/Kg wet							
1,2-Dichloropropane	< 0.000483	0.00200	mg/Kg wet							
1-Butanol	< 0.0290	0.200	mg/Kg wet							
2-Butanone	< 0.00681	0.0280	mg/Kg wet							
2-Hexanone	< 0.00531	0.0280	mg/Kg wet							
4-Methyl-2-pentanone	< 0.00408	0.0280	mg/Kg wet							
Acetone	< 0.0121	0.0700	mg/Kg wet							
Acrylonitrile	< 0.000980	0.00400	mg/Kg wet							
Benzene	< 0.000288	0.00200	mg/Kg wet							
Bromodichloromethane	< 0.000482	0.00200	mg/Kg wet							
Bromoform	< 0.000630	0.00400	mg/Kg wet							
Bromomethane	< 0.00240	0.0200	mg/Kg wet							



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Quality Control

(Continued)

Client: EPS Environmental Services, Inc.
Project: NELAC
 2525 Greenfield Lane, North Chicago, IL
Work Order: 22D0347

Report Date: 04/13/2022
Matrix: Solid

Volatile Organic Compounds by GC/MS

(Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch: B2D0362 - SW5035 (Continued)

Blank (B2D0362-BLK1) (Continued)

Prepared: 04/08/2022 08:15 Analyzed: 04/08/2022 12:04

Carbon disulfide	< 0.000602	0.00400	mg/Kg wet							
Carbon tetrachloride	< 0.00279	0.0200	mg/Kg wet							
Chlorobenzene	< 0.000520	0.00400	mg/Kg wet							
Chloroethane	< 0.00141	0.00800	mg/Kg wet							
Chloroform	< 0.000731	0.00400	mg/Kg wet							
Chloromethane	< 0.00146	0.00800	mg/Kg wet							
cis-1,2-Dichloroethene	< 0.000570	0.00400	mg/Kg wet							
Dibromochloromethane	< 0.000476	0.00200	mg/Kg wet							
Ethylbenzene	< 0.00103	0.00800	mg/Kg wet							
m,p-Xylene	< 0.00162	0.00800	mg/Kg wet							
Methyl tert-butyl ether	< 0.000334	0.00200	mg/Kg wet							
Methylene chloride	< 0.00393	0.0200	mg/Kg wet							
o-Xylene	< 0.00102	0.00800	mg/Kg wet							
Styrene	< 0.00110	0.00800	mg/Kg wet							
Tetrachloroethene	< 0.000584	0.00400	mg/Kg wet							
Toluene	< 0.000362	0.00200	mg/Kg wet							
trans-1,2-Dichloroethene	< 0.000926	0.00400	mg/Kg wet							
Trichloroethene	< 0.000485	0.00200	mg/Kg wet							
Vinyl acetate	< 0.000510	0.00400	mg/Kg wet							
Vinyl chloride	< 0.000714	0.00400	mg/Kg wet							
Xylenes, Total	< 0.00256	0.0120	mg/Kg wet							
1,3-Dichloropropene, Total	< 0.000630	0.00400	mg/Kg wet							

Surrogate: Dibromofluoromethane	20.3		ug/Kg	20.00		101	86-150			
Surrogate: 1,2-Dichloroethane-d4	17.7		ug/Kg	20.00		89	89-150			
Surrogate: Fluorobenzene	20.8		ug/Kg	20.00		104	88-111			
Surrogate: Toluene-d8	20.2		ug/Kg	20.00		101	66-113			
Surrogate: 4-Bromofluorobenzene	10.2		ug/Kg	10.00		102	82-137			
Surrogate: 1,2-Dichlorobenzene-d4	21.0		ug/Kg	20.00		105	77-142			

LCS (B2D0362-BS1)

Prepared: 04/08/2022 08:15 Analyzed: 04/08/2022 10:00

1,1,1-Trichloroethane	0.0376	0.00200	mg/Kg wet	0.04000		94	80-127			
1,1,2,2-Tetrachloroethane	0.0437	0.00200	mg/Kg wet	0.04000		109	70-124			
1,1,2-Trichloroethane	0.0354	0.00200	mg/Kg wet	0.04000		88	78-121			
1,1-Dichloroethane	0.0405	0.00400	mg/Kg wet	0.04000		101	76-125			
1,1-Dichloroethene	0.0401	0.00200	mg/Kg wet	0.04000		100	70-131			
1,2-Dibromo-3-chloropropane	0.0355	0.00800	mg/Kg wet	0.04000		89	69-128			
1,2-Dibromoethane	0.0366	0.00200	mg/Kg wet	0.04000		92	78-122			
1,2-Dichloroethane	0.0322	0.00200	mg/Kg wet	0.04000		80	73-128			
1,2-Dichloropropane	0.0407	0.00200	mg/Kg wet	0.04000		102	76-123			
1-Butanol	0.319	0.200	mg/Kg wet	0.4000		80	70-130			
2-Butanone	0.112	0.0280	mg/Kg wet	0.1400		80	66-147			
2-Hexanone	0.123	0.0280	mg/Kg wet	0.1400		88	60-145			



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Quality Control

(Continued)

Client: EPS Environmental Services, Inc.

Report Date: 04/13/2022

Project: NELAC
2525 Greenfield Lane, North Chicago, IL

Matrix: Solid

Work Order: 22D0347

Volatile Organic Compounds by GC/MS

(Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch: B2D0362 - SW5035 (Continued)

LCS (B2D0362-BS1) (Continued)

Prepared: 04/08/2022 08:15 Analyzed: 04/08/2022 10:00

4-Methyl-2-pentanone	0.119	0.0280	mg/Kg wet	0.1400		85	65-135			
Acetone	0.106	0.0700	mg/Kg wet	0.1400		76	36-164			
Acrylonitrile	0.0329	0.00400	mg/Kg wet	0.04000		82	65-134			
Benzene	0.0394	0.00200	mg/Kg wet	0.04000		98	77-121			
Bromodichloromethane	0.0370	0.00200	mg/Kg wet	0.04000		92	75-127			
Bromoform	0.0380	0.00400	mg/Kg wet	0.04000		95	67-132			
Bromomethane	0.0365	0.0200	mg/Kg wet	0.04000		91	53-143			
Carbon disulfide	0.0429	0.00400	mg/Kg wet	0.04000		107	63-132			
Carbon tetrachloride	0.0365	0.0200	mg/Kg wet	0.04000		91	70-135			
Chlorobenzene	0.0397	0.00400	mg/Kg wet	0.04000		99	73-123			
Chloroethane	0.0360	0.00800	mg/Kg wet	0.04000		90	59-139			
Chloroform	0.0365	0.00400	mg/Kg wet	0.04000		91	73-127			
Chloromethane	0.0388	0.00800	mg/Kg wet	0.04000		97	50-136			
cis-1,2-Dichloroethene	0.0379	0.00400	mg/Kg wet	0.04000		95	77-123			
Dibromochloromethane	0.0395	0.00200	mg/Kg wet	0.04000		99	74-126			
Ethylbenzene	0.0397	0.00800	mg/Kg wet	0.04000		99	76-122			
m,p-Xylene	0.0782	0.00800	mg/Kg wet	0.08000		98	77-124			
Methyl tert-butyl ether	0.0369	0.00200	mg/Kg wet	0.04000		92	78-124			
Methylene chloride	0.0366	0.0200	mg/Kg wet	0.04000		92	70-128			
o-Xylene	0.0448	0.00800	mg/Kg wet	0.04000		112	77-123			
Styrene	0.0389	0.00800	mg/Kg wet	0.04000		97	76-124			
Tetrachloroethene	0.0383	0.00400	mg/Kg wet	0.04000		96	73-125			
Toluene	0.0418	0.00200	mg/Kg wet	0.04000		105	77-121			
trans-1,2-Dichloroethene	0.0405	0.00400	mg/Kg wet	0.04000		101	74-125			
Trichloroethene	0.0390	0.00200	mg/Kg wet	0.04000		97	72-126			
Vinyl acetate	0.0380	0.00400	mg/Kg wet	0.04000		95	50-151			
Vinyl chloride	0.0392	0.00400	mg/Kg wet	0.04000		98	56-135			
Xylenes, Total	0.123	0.0120	mg/Kg wet	0.1200		103	78-124			
1,3-Dichloropropene, Total	0.0732	0.00400	mg/Kg wet	0.08000		92	77-126			
Surrogate: Dibromofluoromethane	20.0		ug/Kg	20.00		100	86-150			
Surrogate: 1,2-Dichloroethane-d4	17.4		ug/Kg	20.00		87	89-150			S
Surrogate: Fluorobenzene	21.1		ug/Kg	20.00		106	88-111			
Surrogate: Toluene-d8	21.8		ug/Kg	20.00		109	66-113			
Surrogate: 4-Bromofluorobenzene	11.4		ug/Kg	10.00		114	82-137			
Surrogate: 1,2-Dichlorobenzene-d4	19.1		ug/Kg	20.00		96	77-142			

LCS Dup (B2D0362-BS1)

Prepared: 04/08/2022 08:15 Analyzed: 04/08/2022 10:25

1,1,1-Trichloroethane	0.0361	0.00200	mg/Kg wet	0.04000		90	80-127	4	20	
1,1,1,2,2-Tetrachloroethane	0.0445	0.00200	mg/Kg wet	0.04000		111	70-124	2	20	
1,1,2-Trichloroethane	0.0364	0.00200	mg/Kg wet	0.04000		91	78-121	3	20	
1,1-Dichloroethane	0.0396	0.00400	mg/Kg wet	0.04000		99	76-125	2	20	
1,1-Dichloroethene	0.0392	0.00200	mg/Kg wet	0.04000		98	70-131	2	20	



Quality Control

(Continued)

Client: EPS Environmental Services, Inc.
Project: NELAC
 2525 Greenfield Lane, North Chicago, IL
Work Order: 22D0347

Report Date: 04/13/2022
Matrix: Solid

Volatile Organic Compounds by GC/MS

(Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch: B2D0362 - SW5035 (Continued)

LCS Dup (B2D0362-BSD1) (Continued)

Prepared: 04/08/2022 08:15 Analyzed: 04/08/2022 10:25

1,2-Dibromo-3-chloropropane	0.0381	0.00800	mg/Kg wet	0.04000		95	69-128	7	20	
1,2-Dibromoethane	0.0392	0.00200	mg/Kg wet	0.04000		98	78-122	7	20	
1,2-Dichloroethane	0.0342	0.00200	mg/Kg wet	0.04000		85	73-128	6	20	
1,2-Dichloropropane	0.0398	0.00200	mg/Kg wet	0.04000		99	76-123	2	20	
1-Butanol	0.368	0.200	mg/Kg wet	0.4000		92	70-130	14	20	
2-Butanone	0.134	0.0280	mg/Kg wet	0.1400		96	66-147	18	20	
2-Hexanone	0.138	0.0280	mg/Kg wet	0.1400		99	60-145	12	20	
4-Methyl-2-pentanone	0.129	0.0280	mg/Kg wet	0.1400		92	65-135	8	20	
Acetone	0.117	0.0700	mg/Kg wet	0.1400		84	36-164	10	20	
Acrylonitrile	0.0387	0.00400	mg/Kg wet	0.04000		97	65-134	16	20	
Benzene	0.0383	0.00200	mg/Kg wet	0.04000		96	77-121	3	20	
Bromodichloromethane	0.0366	0.00200	mg/Kg wet	0.04000		92	75-127	0.9	20	
Bromoform	0.0409	0.00400	mg/Kg wet	0.04000		102	67-132	7	20	
Bromomethane	0.0356	0.0200	mg/Kg wet	0.04000		89	53-143	2	20	
Carbon disulfide	0.0428	0.00400	mg/Kg wet	0.04000		107	63-132	0.3	20	
Carbon tetrachloride	0.0346	0.0200	mg/Kg wet	0.04000		86	70-135	6	20	
Chlorobenzene	0.0387	0.00400	mg/Kg wet	0.04000		97	73-123	3	20	
Chloroethane	0.0359	0.00800	mg/Kg wet	0.04000		90	59-139	0.4	20	
Chloroform	0.0368	0.00400	mg/Kg wet	0.04000		92	73-127	1	20	
Chloromethane	0.0397	0.00800	mg/Kg wet	0.04000		99	50-136	2	20	
cis-1,2-Dichloroethene	0.0398	0.00400	mg/Kg wet	0.04000		100	77-123	5	20	
Dibromochloromethane	0.0391	0.00200	mg/Kg wet	0.04000		98	74-126	1	20	
Ethylbenzene	0.0389	0.00800	mg/Kg wet	0.04000		97	76-122	2	20	
m,p-Xylene	0.0761	0.00800	mg/Kg wet	0.08000		95	77-124	3	20	
Methyl tert-butyl ether	0.0362	0.00200	mg/Kg wet	0.04000		91	78-124	2	20	
Methylene chloride	0.0380	0.0200	mg/Kg wet	0.04000		95	70-128	4	20	
o-Xylene	0.0414	0.00800	mg/Kg wet	0.04000		103	77-123	8	20	
Styrene	0.0390	0.00800	mg/Kg wet	0.04000		97	76-124	0.3	20	
Tetrachloroethene	0.0355	0.00400	mg/Kg wet	0.04000		89	73-125	8	20	
Toluene	0.0396	0.00200	mg/Kg wet	0.04000		99	77-121	6	20	
trans-1,2-Dichloroethene	0.0404	0.00400	mg/Kg wet	0.04000		101	74-125	0.4	20	
Trichloroethene	0.0367	0.00200	mg/Kg wet	0.04000		92	72-126	6	20	
Vinyl acetate	0.0395	0.00400	mg/Kg wet	0.04000		99	50-151	4	20	
Vinyl chloride	0.0404	0.00400	mg/Kg wet	0.04000		101	56-135	3	20	
Xylenes, Total	0.117	0.0120	mg/Kg wet	0.1200		98	78-124	5	20	
1,3-Dichloropropene, Total	0.0744	0.00400	mg/Kg wet	0.08000		93	77-126	2	20	
Surrogate: Dibromofluoromethane	19.9		ug/Kg	20.00		100	86-150			
Surrogate: 1,2-Dichloroethane-d4	18.3		ug/Kg	20.00		91	89-150			
Surrogate: Fluorobenzene	20.2		ug/Kg	20.00		101	88-111			
Surrogate: Toluene-d8	21.0		ug/Kg	20.00		105	66-113			
Surrogate: 4-Bromofluorobenzene	10.4		ug/Kg	10.00		104	82-137			
Surrogate: 1,2-Dichlorobenzene-d4	20.6		ug/Kg	20.00		103	77-142			



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Quality Control

(Continued)

Client: EPS Environmental Services, Inc.

Report Date: 04/13/2022

Project: NELAC
2525 Greenfield Lane, North Chicago, IL

Matrix: Solid

Work Order: 22D0347

Volatile Organic Compounds by GC/MS

(Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch: B2D0362 - SW5035 (Continued)

LCS Dup (B2D0362-BSD1) (Continued)

Prepared: 04/08/2022 08:15 Analyzed: 04/08/2022 10:25



Quality Control

(Continued)

Client: EPS Environmental Services, Inc.
Project: NELAC
 2525 Greenfield Lane, North Chicago, IL
Work Order: 22D0347

Report Date: 04/13/2022
Matrix: Solid

Semivolatile Organic Compounds by GC/MS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch: B2D0275 - SW3550

Blank (B2D0275-BLK1)

Prepared: 04/08/2022 15:00 Analyzed: 04/11/2022 13:45

Acenaphthene	< 0.00254	0.0139	mg/Kg wet							
Acenaphthylene	< 0.00378	0.0139	mg/Kg wet							
Anthracene	< 0.00355	0.0139	mg/Kg wet							
Benzo(a)anthracene	< 0.00278	0.0139	mg/Kg wet							
Benzo(a)pyrene	< 0.00212	0.0139	mg/Kg wet							
Benzo(b)fluoranthene	< 0.00448	0.0139	mg/Kg wet							
Benzo(g,h,i)perylene	< 0.00434	0.0139	mg/Kg wet							
Benzo(k)fluoranthene	< 0.00363	0.0139	mg/Kg wet							
Chrysene	< 0.00293	0.0139	mg/Kg wet							
Dibenzo(a,h)anthracene	< 0.00352	0.0139	mg/Kg wet							
Fluoranthene	< 0.00433	0.0139	mg/Kg wet							
Fluorene	< 0.00332	0.0139	mg/Kg wet							
Indeno(1,2,3-cd)pyrene	< 0.00354	0.0139	mg/Kg wet							
Naphthalene	< 0.00417	0.0139	mg/Kg wet							
Phenanthrene	< 0.00342	0.0139	mg/Kg wet							
Pyrene	< 0.00191	0.0139	mg/Kg wet							

Surrogate: 2-Methylnaphthalene-d10	1.19		mg/Kg wet	1.450		82	58-127			
Surrogate: Fluoranthene-d10	1.18		mg/Kg wet	1.450		82	42-130			

LCS (B2D0275-BS1)

Prepared: 04/08/2022 15:00 Analyzed: 04/11/2022 14:04

Acenaphthene	1.33	0.0143	mg/Kg wet	1.489		89	67-122			
Acenaphthylene	1.42	0.0143	mg/Kg wet	1.489		95	65-118			
Anthracene	1.34	0.0143	mg/Kg wet	1.489		90	65-118			
Benzo(a)anthracene	1.27	0.0143	mg/Kg wet	1.489		85	55-114			
Benzo(a)pyrene	1.30	0.0143	mg/Kg wet	1.489		87	58-122			
Benzo(b)fluoranthene	1.20	0.0143	mg/Kg wet	1.489		81	63-124			
Benzo(g,h,i)perylene	1.22	0.0143	mg/Kg wet	1.489		82	56-128			
Benzo(k)fluoranthene	1.22	0.0143	mg/Kg wet	1.489		82	47-138			
Chrysene	1.26	0.0143	mg/Kg wet	1.489		85	60-130			
Dibenzo(a,h)anthracene	1.21	0.0143	mg/Kg wet	1.489		81	59-126			
Fluoranthene	1.30	0.0143	mg/Kg wet	1.489		87	66-126			
Fluorene	1.35	0.0143	mg/Kg wet	1.489		91	67-123			
Indeno(1,2,3-cd)pyrene	1.22	0.0143	mg/Kg wet	1.489		82	60-122			
Naphthalene	1.34	0.0143	mg/Kg wet	1.489		90	72-122			
Phenanthrene	1.30	0.0143	mg/Kg wet	1.489		87	71-124			
Pyrene	1.25	0.0143	mg/Kg wet	1.489		84	56-132			

Surrogate: 2-Methylnaphthalene-d10	1.22		mg/Kg wet	1.489		82	58-127			
Surrogate: Fluoranthene-d10	1.24		mg/Kg wet	1.489		83	42-130			



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Quality Control

(Continued)

Client: EPS Environmental Services, Inc.

Report Date: 04/13/2022

Project: NELAC
2525 Greenfield Lane, North Chicago, IL

Matrix: Solid

Work Order: 22D0347

Semivolatile Organic Compounds by GC/MS

(Continued)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qual
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Batch: B2D0275 - SW3550 (Continued)

Matrix Spike (B2D0275-MS1)

Source: 22D0347-05

Prepared: 04/08/2022 15:00 Analyzed: 04/11/2022 14:24

Acenaphthene	1.64	0.0181	mg/Kg dry	1.883	ND	87	57-119			
Acenaphthylene	1.78	0.0181	mg/Kg dry	1.883	ND	94	59-115			
Anthracene	1.62	0.0181	mg/Kg dry	1.883	ND	86	58-114			
Benzo(a)anthracene	1.60	0.0181	mg/Kg dry	1.883	ND	85	47-127			
Benzo(a)pyrene	1.59	0.0181	mg/Kg dry	1.883	ND	84	46-127			
Benzo(b)fluoranthene	1.48	0.0181	mg/Kg dry	1.883	ND	79	48-125			
Benzo(g,h,i)perylene	1.44	0.0181	mg/Kg dry	1.883	ND	77	48-120			
Benzo(k)fluoranthene	1.48	0.0181	mg/Kg dry	1.883	ND	78	47-125			
Chrysene	1.58	0.0181	mg/Kg dry	1.883	0.00536	83	49-135			
Dibenzo(a,h)anthracene	1.50	0.0181	mg/Kg dry	1.883	ND	79	50-122			
Fluoranthene	1.58	0.0181	mg/Kg dry	1.883	ND	84	49-132			
Fluorene	1.68	0.0181	mg/Kg dry	1.883	ND	89	59-119			
Indeno(1,2,3-cd)pyrene	1.44	0.0181	mg/Kg dry	1.883	ND	76	50-120			
Naphthalene	1.71	0.0181	mg/Kg dry	1.883	ND	91	69-117			
Phenanthrene	1.59	0.0181	mg/Kg dry	1.883	ND	84	56-126			
Pyrene	1.53	0.0181	mg/Kg dry	1.883	ND	81	34-141			
Surrogate: 2-Methylnaphthalene-d10	1.47		mg/Kg dry	1.883		78	58-127			
Surrogate: Fluoranthene-d10	1.40		mg/Kg dry	1.883		74	42-130			

Matrix Spike Dup (B2D0275-MSD1)

Source: 22D0347-05

Prepared: 04/08/2022 15:00 Analyzed: 04/11/2022 14:44

Acenaphthene	1.49	0.0168	mg/Kg dry	1.752	ND	85	57-119	10	20	
Acenaphthylene	1.60	0.0168	mg/Kg dry	1.752	ND	91	59-115	11	20	
Anthracene	1.49	0.0168	mg/Kg dry	1.752	ND	85	58-114	9	23	
Benzo(a)anthracene	1.46	0.0168	mg/Kg dry	1.752	ND	84	47-127	9	33	
Benzo(a)pyrene	1.46	0.0168	mg/Kg dry	1.752	ND	84	46-127	8	36	
Benzo(b)fluoranthene	1.36	0.0168	mg/Kg dry	1.752	ND	78	48-125	8	35	
Benzo(g,h,i)perylene	1.31	0.0168	mg/Kg dry	1.752	ND	75	48-120	9	26	
Benzo(k)fluoranthene	1.37	0.0168	mg/Kg dry	1.752	ND	78	47-125	8	23	
Chrysene	1.50	0.0168	mg/Kg dry	1.752	0.00536	85	49-135	5	29	
Dibenzo(a,h)anthracene	1.38	0.0168	mg/Kg dry	1.752	ND	79	50-122	8	20	
Fluoranthene	1.44	0.0168	mg/Kg dry	1.752	ND	82	49-132	9	43	
Fluorene	1.51	0.0168	mg/Kg dry	1.752	ND	86	59-119	11	20	
Indeno(1,2,3-cd)pyrene	1.34	0.0168	mg/Kg dry	1.752	ND	76	50-120	7	28	
Naphthalene	1.57	0.0168	mg/Kg dry	1.752	ND	89	69-117	9	20	
Phenanthrene	1.46	0.0168	mg/Kg dry	1.752	ND	83	56-126	8	20	
Pyrene	1.41	0.0168	mg/Kg dry	1.752	ND	80	34-141	8	38	
Surrogate: 2-Methylnaphthalene-d10	1.39		mg/Kg dry	1.752		79	58-127			
Surrogate: Fluoranthene-d10	1.33		mg/Kg dry	1.752		76	42-130			

Certified Analyses included in this Report

Analyte	CAS #	Certifications
SM2540G in Solid		
Total Solids	Moist	WDNR,DoD
SW8260B/D in Solid		
Benzene	71-43-2	WDNR,DoD,ILEPA
Ethylbenzene	100-41-4	WDNR,DoD,ILEPA
Toluene	108-88-3	AKDEC,WDNR,DoD,ILEPA
Xylenes, Total	1330-20-7	WDNR,DoD,ILEPA
SW8270D SIM in Solid		
Acenaphthene	83-32-9	DoD,WDNR
Acenaphthylene	208-96-8	DoD,WDNR
Anthracene	120-12-7	DoD,WDNR
Benzo(a)anthracene	56-55-3	DoD,WDNR
Benzo(a)pyrene	50-32-8	DoD,WDNR
Benzo(b)fluoranthene	205-99-2	DoD,WDNR
Benzo(g,h,i)perylene	191-24-2	DoD,WDNR
Benzo(k)fluoranthene	207-08-9	DoD,WDNR
Chrysene	218-01-9	DoD,WDNR
Dibenzo(a,h)anthracene	53-70-3	DoD,WDNR
Fluoranthene	206-44-0	DoD,WDNR
Fluorene	86-73-7	DoD,WDNR
Indeno(1,2,3-cd)pyrene	193-39-5	DoD,WDNR
Naphthalene	91-20-3	DoD,WDNR
Phenanthrene	85-01-8	DoD,WDNR
Pyrene	129-00-0	DoD,WDNR



509 N. 3rd Avenue Des Plaines, IL 60016-1162 P 847.967.6666 800.246.0663 F 847.967.6735 www.emt.com

List of Certifications

Code	Description	Number	Expires
AKDEC	State of Alaska, Dept. Environmental Conservation	17-011	05/31/2022
CPSC	US Consumer Product Safety Commission, Accredited by PJLA Lab No. 1050	L18-184-R1	03/31/2024
DoD	Department of Defense, Accredited by PJLA	L20-164-R2	03/31/2024
ILEPA	State of Illinois, NELAP Accredited Lab No. 100256	1002562021-6	07/27/2022
ISO	ISO/IEC 17025:2017, Accredited by PJLA	L20-165	03/31/2024
NEFAP	TNI National Environmental Field Activities Program	L20-166	03/31/2024
TX	Texas Commission of Environmental Quality	T104704554-20-5	10/31/2022
WA	Washington State Department of Ecology	C1057	01/06/2023
WDNR	State of Wisconsin Dept of Natural Resources	999888890	08/31/2022



Qualifiers and Definitions

Item	Description
S	The quality control sample recovery is outside of the laboratory control limits.
%Rec	Percent Recovery



ENVIRONMENTAL MONITORING AND TECHNOLOGIES, INC.

509 N. 3rd Avenue
Des Plaines, IL 60016

Electronic Filing: Received Clerk's Office 10/27/2022

22D0347
PM Arminta Priddy
EPS Environmental Services, Inc
NELAC

Custody Record

847-967-6666
FAX: 847-967-6735
www.emt.com

Due Date: - - - COC #: **245381**

TURNAROUND TIME:

RUSH
_____ day turnaround

ROUTINE

Company: EPS Environmental
 Address: 7337 West Devon Avenue
Chicago, IL 60631

Phone #: (773) 782-3030 Fax #: (773) 782-3991
 P.O. #: _____ Proj. #: 22850-1030 C641

Client Contact: Nick Czerny
 Project ID / Location: 2525 Greenfield Lane, Northbrook, IL

Sample Type:
 1. Waste Water 4. Sludge 7. Groundwater (filtered)
 2. Drinking Water 5. Oil 8. Other
 3. Soil 6. Groundwater

Container Type:
 P - Plastic V - VOC Vial O - Other
 G - Glass B - Tedlar Bag

Preservative:
 1. None 4. NaOH 7. Zn Ace
 2. H2SO4 5. HCl 8. Other
 3. HNO3 6. MeOH NaOH

Analyses

EMT USE ONLY

EMT WORKORDER

22D0347

Sample I.D.	Sample Type	Container			Sampling				Preservation		EMT USE ONLY	EMT WORKORDER	
		Size	Type	No.	By	Date	Time	pH	Temp.	Field			Lab
S-11	Soil	4624/4a	G	3/1	CML	4/6/2022	0800			6/8/1			01 A-D
S-12							0815						02 A-D
S-13							0820						03 A-D
S-14							0815						04 A-D
S-15							1100						05 A-D
S-16							1145						06 A-D
S-17							1215						07 A-D

Relinquished By:	Date: <u>4-6-22</u> Time: <u>14:15</u>	Received By: <u>A. Elfstrand</u> <u>Andreas Elfstrand</u>	Date: <u>04-06-2022</u> Time: <u>16:25</u>	EMT USE ONLY	<input type="checkbox"/> SAMPLE RECEIVED ON ICE
Relinquished By: <u>Andreas Elfstrand</u>	Date: <u>04-06-2022</u> Time: <u>16:55</u>	Received By:	Date: - - Time: :	Client Code:	<input checked="" type="checkbox"/> TEMPERATURE
Relinquished By:	Date: - - Time: :	Received For Lab By: <u>Jeff Schuber</u>	Date: <u>04-06-2022</u> Time: <u>16:55</u>	EMT Project I.D.	<u>4.9°C</u>
SPECIAL INSTRUCTIONS:				Jar Lot No.	EMT SAMPLE RETURN POLICY ON BACK

Sample Receipt Checklist

Work Order: 22D0347

Printed: 4/6/2022 6:42:50PM

Client: **EPS Environmental Services, Inc.**
Project: **NELAC**

Date Due: **Wednesday, April 13, 2022**

Received By: **Jennifer Schultz**

Date Received: **04/06/22 16:55**

Logged In By: **Jennifer Schultz**

Date Logged In: **04/06/22 18:41**

How were samples received?	EMT
Cooler temperature at or below 6 degrees Celsius	Yes
Chain of Custody present and properly completed	Yes
Turn Around Time is indicated and specified	Yes
Chain of Custody agrees with sample labels	Yes
Samples received within hold time	Yes
Proper sample containers received intact	Yes
Containers properly preserved	Yes
Sufficient Sample Volume	Yes
Custody seals present	No
Volatile water vials received	No

Sample Receipt Comments
Work Order: 22D0347

The samples were received on 04/06/22 16:55. The temperature of the cooler(s) at receipt was:

<u>Cooler</u>	<u>Temp C°</u>
Default Cooler	4.9

The samples were received in good condition and were properly preserved.

Samples going out of hold time within 24 hours:

Reviewed By:

JS

Date:

04/06/2022

AR000093



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): 20220253 IEPA LPC# (10-digit): 0971255169

Site Name: Emco Chemical Distributors, Inc.

Site Address (Not a P.O. Box): 2525 Greenfield Lane

City: North Chicago County: Lake ZIP Code: 60064

Leaking UST Technical File

B. Sample Collector

I certify that:

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

C. Laboratory Representative

I certify that:

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

APP
(initial)
APP
(Initial)

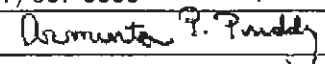
D. Signatures

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 Kyle Bartusch
Title Project Manager
Company EPS Environmental Services, Inc.
Address 7237 West Devon Avenue
City Chicago
State Illinois
Zip Code 60631
Phone (773) 792-3090
Signature 
Date 4/21/22

Laboratory Representative

Name Arminta Priddy
Title Project Manager
Company Environmental Monitoring and Technologies
Address 509 North 3rd Avenue
City Des Plaines
State Illinois
Zip Code 60016
Phone (847) 967-6666
Signature 
Date 04/20/2022



Illinois Environmental Protection Agency

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Leaking Underground Storage Tank Program Laboratory Certification for Chemical Analysis

A. Site Identification

IEMA Incident # (6- or 8-digit): 20220253 IEPA LPC# (10-digit): 0971255169
Site Name: Emco Chemical Distributors, Inc.
Site Address (Not a P.O. Box): 2525 Greenfield Lane
City: North Chicago County: Lake ZIP Code: 60064

Leaking UST Technical File

B. Sample Collector

I certify that:

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

C. Laboratory Representative

I certify that:

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

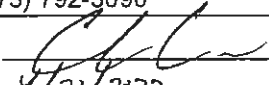
- 6. SW-846 Analytical Laboratory Procedure (USEPA) methods were used for the analyses.
- 7. An accredited lab performed quantitative analysis using test methods identified in 35 IAC 186.180 (for samples collected on or after January 1, 2003).

APP
(Initial)
APP
(Initial)

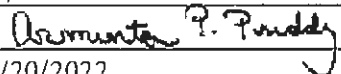
D. Signatures

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 Christopher Lewis
Title Senior Project Manager
Company EPS Environmental Services, Inc.
Address 7237 West Devon Avenue
City Chicago
State Illinois
Zip Code 60631
Phone (773) 792-3090
Signature 
Date 4/21/2022

Laboratory Representative

Name Arminta Priddy
Title Project Manager
Company Environmental Monitoring and Technologies
Address 509 North 3rd Avenue
City Des Plaines
State Illinois
Zip Code 60016
Phone (847) 967-6666
Signature 
Date 04/20/2022



Illinois Environmental Protection Agency

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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): 20220253 IEPA LPC# (10-digit): 0971255169
Site Name: Emco Chemical Distributors, Inc.
Site Address (Not a P.O. Box): 2525 Greenfield Lane
City: North Chicago County: Lake ZIP Code: 60064

Leaking UST Technical File

B. Sample Collector

I certify that:

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

CL
(Initial)
CL
(Initial)
CL
(Initial)
CL
(Initial)

C. Laboratory Representative

I certify that:

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

CL
(Initial)
CL
(Initial)
CL
(Initial)
CL
(Initial)
CL
(Initial)



Electronic Filing: Received, Clerk's Office 10/27/2022

LUST Incident No. 20220253
Emco Chemical Distributors, Inc.
2525 Greenfield Lane
North Chicago, Illinois
LPC #: 0971255169

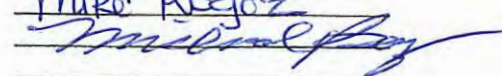
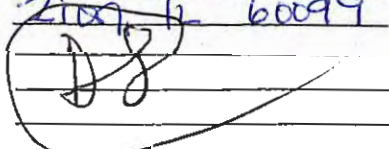
APPENDIX D

Certificate of Destruction

TSARPALAS ENTERPRISES, INC.

CERTIFICATE OF UNDERGROUND STORAGE TANK DISPOSAL

This is to certify that an underground storage tank was removed from the premises and disposed of as described below. Prior to the removal and disposal, the tank(s) were washed and rendered safe and non-usable.

Owner of Tank	Company Name: Street Address: City, State, Zip:	EMCO Chemical Distributors, Inc. 8601 90th Street Pleasant Prairie, Wis. 53158
Tank Information	Capacity:	1- 12,000 gallon 2- 10,000 gallon
	Date Removed: Location Address: City, State, Zip:	3-31-2022 + 4-5-2022 2925 Greenfield Lane North Chicago, IL 60064
Transporter	Company Name: Origin: Driver Name: Driver Signature: Date:	Tsarpalas Enterprises, Inc. Grayslake, IL Mike Rogoz 
Tank Recipient	Company Name: Street Address: City, State, Zip: Co. Rep. Name: Co. Rep. Signature: Date: Method of Disposal:	GFL Environmental 701 Green Bay Rd. Zion, IL 60099 

17494 West Hickory Lane Grayslake, Il. 60030 816-8828



Electronic Filing: Received, Clerk's Office 10/27/2022

LUST Incident No. 20220253
Emco Chemical Distributors, Inc.
2525 Greenfield Lane
North Chicago, Illinois
LPC #: 0971255169

APPENDIX E

OSFM Removal Permit



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 # 2047356
Permit # 01393-2021REM
Request Rec'd 11/30/2021
Amended Date
Approval Date 12/1/2021 DS
Permit Expires 6/1/2022

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.**

<p>(1) OWNER OF TANKS - Corporation, partnership, or other business entity:</p> <p>EMCO Chemical Distributors, Inc. 8601 95th Street Pleasant Prairie, WI 53158</p> <p>Contact: B.J. Korman (847) 421-9256</p>	<p>(2) FACILITY - name and address where tanks are located:</p> <p>Industrial 2525 Greenfield Lane North Chicago, IL 60064</p> <p>Contact: B.J. Korman (847) 421-9256</p>
---	--

(3) REMOVAL OF TANKS:

- (a) Number and size of tanks being removed: (TK # 1) - 3,500, (TK # 2, 3) - 10,000
- (b) Description/location of piping being removed:
- (c) Product to be stored in each tank: (TK # 1, 2, 3) - Heating Oil
- (d) Reason of tanks being removed:
- (e) If tank(s) is leaking, indicate IEMA incident number:
- (f) Date each tank was last used: (TK # 1, 2, 3) - 12/31/1973

(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** : Removal of 3 UST's and associated piping

(6) PERSON, FIRM OR COMPANY PERFORMING WORK:	
<p>Tsarpalas Enterprises, Inc. 17494 West Hickory Lane Grayslake, IL 60030</p>	<p>Contact Person: Steve Tsarpalas Phone: (847) 816-8828 Contractor Registration # IL297 Exp. 5/10/2022</p>

Sincerely,

Daniel Starks



OFFICE OF THE ILLINOIS STATE FIRE MARSHAL

Certificate of Removal

This certificate confirms that the tanks listed below were removed on said date.

Permit Number 01393-2021REM

<p>Owner - U0040404</p> <p>Owner Name EMCO Chemical Distributors, Inc. Address 8601 95th Street Pleasant Prairie, WI 53158 Contact Person B.J. Korman Phone Number (847) 421-9256</p>	<p>Facility - 2047356</p> <p>Facility Name Industrial Address 2525 Greenfield Lane North Chicago, IL 60064 Lake Contact Person B.J. Korman Phone Number (847) 421-9256</p>
--	--

Tank #	Capacity in Gallons	Product	Date Removed
1	12000	Unknown	03/31/2022
2	10000	Heating Oil	04/05/2022
3	10000	Heating Oil	04/05/2022

Owner/Operator Name: B.J. Korman

Date: 4/7/2022

Owner/Operator Email: bjkorman@emcochem.com

Owner Operator



Electronic Filing: Received, Clerk's Office 10/27/2022

LUST Incident No. 20220253
Emco Chemical Distributors, Inc.
2525 Greenfield Lane
North Chicago, Illinois
LPC #: 0971255169

APPENDIX F

Photographic Documentation

Right: Location of USTs
Prior to Removals



Below: Uncovering USTs



EPS Environmental Services, Inc.

Project #: 22850-1020CO#3

2525 Greenfield Lane
North Chicago, Illinois
IEMA #:20220253

Page 1 of 5

Right: Pumping
Liquids From USTs



Right: Pumping
Liquids From USTs



Below: View of
Uncovered USTs



EPS Environmental Services, Inc.

Project #: 22850-1020CO#3

2525 Greenfield Lane
North Chicago, Illinois
IEMA #:20220253

Page 2 of 5

Right: Power Washing
Interior of USTs



Right: Removing Sludge and Soil From Interior of UST

Below: Interior of UST Prior to Breaking Walls



EPS Environmental Services, Inc.

Project #: 22850-1020CO#3

2525 Greenfield Lane
North Chicago, Illinois
IEMA #:20220253

Page 3 of 5

Right: Breaking Concrete Wall of UST



Right: Pumping Liquids

Below: Interior of UST
During Breaking of Walls



EPS Environmental Services, Inc.

Project #: 22850-1020CO#3

2525 Greenfield Lane
North Chicago, Illinois
IEMA #:20220253

Page 4 of 5

Right: Breaking
Concrete Wall of UST



Right: Floor of Excavation
Following Removal of Concrete



Below: Backfilling
Excavation



EPS Environmental Services, Inc.

Project #: 22850-1020CO#3

2525 Greenfield Lane
North Chicago, Illinois
IEMA #:20220253

Page 5 of 5

Right: Excavation
Following Backfilling





Electronic Filing: Received, Clerk's Office 10/27/2022

LUST Incident No. 20220253
Emco Chemical Distributors, Inc.
2525 Greenfield Lane
North Chicago, Illinois
LPC #: 0971255169

APPENDIX G

FOIA Request and Response



3010 Grand Avenue
Waukegan, IL 60085
Phone: 847.377.8000
FOIA Fax: 847.984.5731
E-mail: HealthFOIA@lakecountyil.gov
www.lakecountyil.gov/health

FREEDOM OF INFORMATION ACT (FOIA) REQUEST FORM

****Note to Requester:** **PLEASE WRITE LEGIBLY**. Retain a copy for your files as you will need to submit a copy should you need to file a Request for Review with the Public Access Counselor. Lake County Health Department (LCHD) will respond to your request within five business days after receipt. Under Illinois FOIA Statute, the response time may be extended an additional five business days. Fees will be assessed in accordance with the statute and requester will be notified prior to a response if fees are due.**

Date of Request: 4/7/2022 Submitted via: Email Mail In Person

Name (First & Last): Nicholas J. Cuzzone, P.E.

Name of Business Represented: EPS Environmental Services, Inc.

Name of Person/Client Represented: _____

Address (#, Street, City, St, Zip): 7237 West Devon Avenue

Phone #'s: (773) 792-3090

Email (required to receive records via email): ncuzzone@epsenv.com

Records Requested (Provide as much specific detail as possible so we can clearly identify the information you seek. You may attach additional pages, if necessary.):

Any information regarding potable wells within the following area:
Sections 4, 5, 8 and 9, Township 44 North, Range 12, East of the Third Principal Meridian

Site Address / PIN Number (If applicable): _____

How do you wish to receive the response? Email Mail In Person

Is this request for a Commercial Purpose? YES NO

(It is a violation of FOIA for a person to knowingly obtain a public record for a commercial purpose without disclosing that it is for a commercial purpose, if requested to do so by the public body. 5 ILCS 140.3.1(c)).

Are you requesting a fee waiver? YES NO

(If you are requesting that the public body waive any fees for copying the documents, you must attach a statement of the purpose of the request, and whether the principal purpose of the request is to access or disseminate information regarding the health, safety and welfare or legal rights of the general public. 5 ILCS 140/6(c)).

(For LCHD Use Only)

Date Request Received: _____ Date Response Due: _____

Notes: _____

Reviewed & Approved By: _____ Date: _____ AR000112

Nick Cuzzone

From: Health EHS <HealthEHS@lakecountyil.gov>
Sent: Friday, April 8, 2022 4:54 PM
To: Nick Cuzzone
Subject: FOIA request regarding Potable wells
Attachments: FOIA Potable Wells.pdf

Dear Nicholas J. Cuzzone PE,

Thank you for your FOIA request, however we are unable to fulfill as requested, due to the following:

1. We do not have the capability to determine properties by Section, Township Range, etc.
2. All of our records are housed by Permanent Index Number (PIN or tax Id)

In order to fulfill your request, we will need a list of PIN numbers (or addresses) that you would like us to investigate. Once we have this list, we will research and respond to your FOIA.

Thank you,
Kristi

Kristi Gilbert

Principal Program Assistant
Lake County Health Department
and Community Health Services
500 W Winchester Road, Suite 102
Libertyville, IL 60048
O: 847-377-8012 or 847-377-8020 | F: 847-984-5622
E: kgilbert@lakecountyil.gov | health.lakecountyil.gov
Follow us: [Facebook](#) | [Twitter](#) | [Instagram](#) | [LinkedIn](#)

Office Hours: 8:00 am – 4:00 pm



Healthy Choices. Healthier People. Healthiest Communities.

WARNING: The information in this email is confidential and/or may be Protected Health Information (PHI) and subject to protection under the law, including the Health Insurance Portability and Accountability Act of 1996 (HIPAA). This email is intended for the sole use of the individual or entity to whom it is addressed. If you are not the intended recipient, you are hereby notified that any review, dissemination, distribution, or duplication of this communication is strictly prohibited. If you receive this email in error, please notify the sender immediately and permanently delete this email and any attachments.



Electronic Filing: Received, Clerk's Office 10/27/2022

LUST Incident No. 20220253
Emco Chemical Distributors, Inc.
2525 Greenfield Lane
North Chicago, Illinois
LPC #: 0971255169

APPENDIX H

Potable Well Logs

Water Well	Top	Bottom
drift	0	138
rock	138	206
Total Depth		206

Driller's Log filed

Owner Address: ,

Location source: Location from the driller

Permit Date:

Permit #:

COMPANY Ferguson, M. G.

FARM Chicago Hardward Foundry

DATE DRILLED NO.

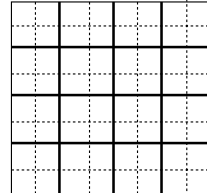
ELEVATION 647GL COUNTY NO. 00765

LOCATION SE NE SE

LATITUDE 42.316669 LONGITUDE -87.847564

COUNTY Lake

API 120970076500



5 - 44N - 12E

Water Well	Top	Bottom
drift	0	138
limestone	138	475
shale, wo' of limestone below 13'	475	595
limestone, crevice? at base	595	928
Total Depth		928
Remarks: no date and company memory		
Owner Address: ,		
Location source: Location from a log		

Permit Date:

Permit #:

COMPANY Ferguson, M. G.

FARM Chicago Hardward & Foundry Co.

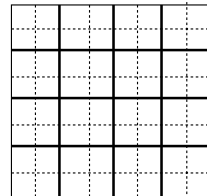
DATE DRILLED NO.

ELEVATION 645TM COUNTY NO. 51279

LOCATION SE NE SE

LATITUDE 42.316671 LONGITUDE -87.847562

COUNTY Lake API 120975127900



5 - 44N - 12E

Water Well	Top	Bottom
drift	0	148
Niagran lime	148	365
shale	365	535
limestone	535	828
sandstone	828	885
limestone	885	897
St. Peter sandstone	897	925
Total Depth		925
Remarks: no sulfur, no water, and no date		
Owner Address: ,		
Location source: Location from a log		

Permit Date:

Permit #:

COMPANY Ferguson, M. G.

FARM Chicago Hdw. & Fdy. Co.

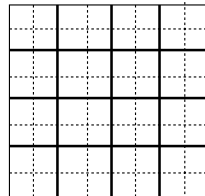
DATE DRILLED NO.

ELEVATION 645TM COUNTY NO. 51280

LOCATION SE NE SE

LATITUDE 42.316671 LONGITUDE -87.847562

COUNTY Lake API 120975128000 5 - 44N - 12E



Water Well	Top	Bottom
drift	0	149
rock	149	210
Total Depth		210

Driller's Log filed

Owner Address: ,

Location source: Location from the driller

Permit Date:

Permit #:

COMPANY Ferguson, M. G.

FARM Sager Lock Co.

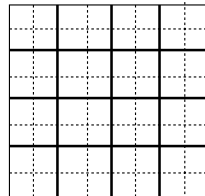
DATE DRILLED NO.

ELEVATION 640GL COUNTY NO. 00761

LOCATION SW NW SW

LATITUDE 42.316653 LONGITUDE -87.845118

COUNTY Lake API 120970076100 4 - 44N - 12E





Electronic Filing: Received, Clerk's Office 10/27/2022

LUST Incident No. 20220253
Emco Chemical Distributors, Inc.
2525 Greenfield Lane
North Chicago, Illinois
LPC #: 0971255169

APPENDIX I

Soil and Liquid Disposal Manifests

ZION LANDFILL

523
10/27/2022
10189



CERTIFIED NON-SPECIAL WASTE MANIFEST

Designated Facility

ZION LANDFILL

Internal No. 324 321

Section I GENERATOR

a. Generator Name: Lake County Industrial Warehouse, Inc.

b. Generating Location: Same

c. Address: 2525 Greenfield Lane
North Chicago, IL 60064

d. Address:

e. Phone No.: 847-421-9258

f. Phone Number:

If the owner of the generating facility differs from the generator, provide:

g. Owners Reps Name: BJ Korman

K. Quantity- Ld 1 15 Ld 5 Units

h. Owners Phone No.: Same

Quantity- Ld 2 Ld 6 Units

i. Waste Profile No.: #006769

Quantity- Ld 3 Ld 7 Units

j. Description of Waste: C-Soil

Quantity- Ld 4 Ld 8 Units - y = yard o = other

GENERATORS CERTIFICATION:

I hereby certify that the above named material is not hazardous waste as defined by 40CFR Part 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, the material matches the profile number listed on line i.

Nicholas J. Cuzzone

3/23/22

Nicholas J. Cuzzone as Agent for Owner
Generator Authorized Agent Name

Signature

Shipment Date

Section II TRANSPORTER

a. Transporter Name: TSW PALMS

NOTES / COMMENTS

b. Address: 17404 W Hillcrest Ln,
GARY'S LAKE IL 60030

c. Driver Name / Title: JUAN MALA

d. Phone: 847-816-8828

e. Truck Number: 16

f. Vehicle License No. / State: 39 Q20 T2

10/1

Acknowledgement of Receipt of Materials

Juan Mala
Drivers Signature

3/23/22
Shipment Date

Section III DESTINATION

a. Site Name: Zion Landfill, Inc.

c. Phone Number: (847) 599-5921

b. Physical Address: 701 Green Bay Rd.
Zion, IL 60099

d. Mailing Address: SAME

e. 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.

Dana Albars
Name of Authorized Agent Signature

APC

3/23/22
Receipt Date



CERTIFIED NON-SPECIAL WASTE MANIFEST

Designated Facility ZION LANDFILL

Internal No. 347

Section I GENERATOR

a. Generator Name: Lake County Industrial Warehouse, Inc. b. Generating Location: Same
 c. Address: 2525 Greenfield Lane d. Address: _____
North Chicago, IL 60064
 e. Phone No.: 847-421-9256 f. Phone Number: _____
 If the owner of the generating facility differs from the generator, provide:
 g. Owners Reps Name: BJ Korman K. Quantity- Ld 1 Ld 5 Units
 h. Owners Phone No.: Same Quantity- Ld 2 Ld 6
 i. Waste Profile No.: - Debris Quantity- Ld 3 Ld 7
 j. Description of Waste: C-Soil Quantity- Ld 4 Ld 8
 Units - y = yard o = other

GENERATORS CERTIFICATION:

I hereby certify that the above named material is not hazardous waste as defined by 40CFR Part 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, the material matches the profile number listed on line i.**

Nicholas J. Cuzzone as Agent for Owner
 Generator Authorized Agent Name

Nicholas J. Cuzzone
 Signature

25
3/25/22
 Shipment Date

Section II TRANSPORTER

a. Transporter Name: TS&P WALKS
 b. Address: 17404 W HILSBURY LN
GRAYSLAKE IL 60030
 c. Driver Name / Title: JUAN NAVA
 d. Phone: 847-816-8828
 e. Truck Number: 16
 f. Vehicle License No. / State: 34 920 T2
 Acknowledgement of Receipt of Materials
 g. JUAN NAVA 3/25/22
 Drivers Signature Shipment Date

NOTES / COMMENTS

Section III DESTINATION

a. Site Name: Zion Landfill, Inc. c. Phone Number: (847) 599-5921
 b. Physical Address: 701 Green Bay Rd. d. Mailing Address: SAME
Zion, IL 60099

e. 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.

KC
 Name of Authorized Agent

KC
 Signature

3/25/22
 Receipt Date



CERTIFIED NON-SPECIAL WASTE MANIFEST

Designated Facility ZION LANDFILL

Internal No. 353

Section I GENERATOR

a. Generator Name: Lake County Industrial Warehouse, Inc. b. Generating Location: Same
 c. Address: 2525 Greenfield Lane d. Address: _____
North Chicago, IL 60064
 e. Phone No.: 847-421-9256 f. Phone Number: _____
 If the owner of the generating facility differs from the generator, provide:
 g. Owners Reps Name: BJ Korman K. Quantity- Ld 1 Ld 5 Units
 h. Owners Phone No.: Same Quantity- Ld 2 Ld 6
 i. Waste Profile No.: Quantity- Ld 3 Ld 7
 j. Description of Waste: C-Soil Quantity- Ld 4 Ld 8
 Units - y = yard o = other

GENERATORS CERTIFICATION:
 I hereby certify that the above named material is not hazardous waste as defined by 40CFR Part 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, the material matches the profile number listed on line i.**

Nicholas J. Cuzzone
 Nicholas J. Cuzzone as Agent for Owner _____ Signature _____ Shipment Date _____
 Generator Authorized Agent Name

Section II TRANSPORTER

a. Transporter Name: TSARPALAS ENT INC
 b. Address: 17494 W HICKORY LN
GRAYLAKE IL 60030
 c. Driver Name / Title: Michael Rogozi
 d. Phone: (847) 816-8828
 e. Truck Number: 11
 f. Vehicle License No. / State: 21 511 Z
 Acknowledgement of Receipt of Materials
Michael Rogozi 3/25/22
 Drivers Signature Shipment Date

NOTES / COMMENTS

Section III DESTINATION

a. Site Name: Zion Landfill, inc. c. Phone Number: (847) 599-5921
 b. Physical Address: 701 Green Bay Rd. d. Mailing Address: SAME
Zion, IL 60099

e. 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.

f. P. Shubesta P. Shubesta 3-2-22
 Name of Authorized Agent Signature Receipt Date

ZION LANDFILL

523/6789

CERTIFIED NON-SPECIAL WASTE MANIFEST



Designated Facility

ZION LANDFILL

Internal No.

223

Section I GENERATOR

a. Generator Name: Lake County Industrial Warehouse, Inc.

b. Generating Location: Same

c. Address: 2525 Greenfield Lane
North Chicago, IL 60064

d. Address:

e. Phone No.: 847-421-9256

f. Phone Number:

If the owner of the generating facility differs from the generator, provide:

g. Owners Reps Name: BJ Korman

K. Quantity- Ld 1 15 Ld 5

h. Owners Phone No.: Same

Quantity- Ld 2 15 Ld 6

i. Waste Profile No.: #006789

Quantity- Ld 3 15 Ld 7

j. Description of Waste: C-Soil

Quantity- Ld 4 Ld 8

Units - y = yard o = other

GENERATORS CERTIFICATION:

I hereby certify that the above named material is not hazardous waste as defined by 40CFR Part 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, the material matches the profile number listed on line i.

Nicholas J. Cuzzone as Agent for Owner
Generator Authorized Agent Name

Signature

Nicholas J. Cuzzone

Shipment Date

3/29/22

Section II TRANSPORTER

a. Transporter Name: SARPAKAS ENT INC

NOTES / COMMENTS

b. Address: 17494 W HICKORY LN
GRAYSLAKE IL 60030

c. Driver Name / Title: MICHAEL ROGROZ

d. Phone: (847) 816 8828

e. Truck Number: 11

f. Vehicle License No. / State: 21 5112

V1

Acknowledgement of Receipt of Materials

Michael Rogroz
Drivers Signature

3/29/22
Shipment Date

Section III DESTINATION

a. Site Name: Zion Landfill, Inc.

c. Phone Number: (847) 599-5921

b. Physical Address: 701 Green Bay Rd.
Zion, IL 60099

d. Mailing Address: SAME

e. 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.

f. Name of Authorized Agent

Signature

Dana Albers

(Signature)

Receipt Date

3/29/22

523/6789

CERTIFIED NON-SPECIAL WASTE MANIFEST



Designated Facility

ZION LANDFILL

Internal No. 221

Section I GENERATOR

a. Generator Name: Lake County Industrial Warehouse, Inc.
c. Address: 2525 Greenfield Lane
North Chicago, IL 60064
e. Phone No.: 847-421-9256

b. Generating Location: Same
d. Address:
f. Phone Number:

If the owner of the generating facility differs from the generator, provide:

g. Owners Reps Name: BJ Korman
h. Owners Phone No.: Same

K. Quantity- Ld 1 15 Ld 5
Quantity- Ld 2 15 Ld 6
Quantity- Ld 3 15 Ld 7
Quantity- Ld 4 Ld 8
Units - y = yard o = other

i. Waste Profile No.: #006789

j. Description of Waste: C-Soil

GENERATORS CERTIFICATION:

I hereby certify that the above named material is not hazardous waste as defined by 40CFR Part 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, the material matches the profile number listed on line i.

Handwritten signature of Nicholas J. Cuzzone

Nicholas J. Cuzzone as Agent for Owner
Generator Authorized Agent Name

Signature

Shipment Date

Section II TRANSPORTER

a. Transporter Name: TSCA Palas
b. Address: 17494 W Hickory Ln
Grayslake IL 60030
c. Driver Name / Title: Juan Nava
d. Phone: 1847-816-8828
e. Truck Number: 16
f. Vehicle License No. / State: 39 020 T2

NOTES / COMMENTS

Handwritten number 16

Acknowledgement of Receipt of Materials

g. Juan Nava
Drivers Signature
3/29/22
Shipment Date

Section III DESTINATION

a. Site Name: Zion Landfill, Inc.
b. Physical Address: 701 Green Bay Rd.
Zion, IL 60099
c. Phone Number: (847) 599-5921
d. Mailing Address: SAME

e. 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.

f. Dana Albers
Name of Authorized Agent
Signature

Handwritten signature of Dana Albers

3/29/22
Receipt Date

ZION LANDFILL

523/6789

CERTIFIED NON-SPECIAL WASTE MANIFEST



Designated Facility

ZION LANDFILL

Internal No.

329

Section I GENERATOR

a. Generator Name: Lake County Industrial Warehouse, Inc.

b. Generating Location: Same

c. Address: 2525 Greenfield Lane

d. Address:

North Chicago, IL 60064

e. Phone No.: 847-421-9256

f. Phone Number:

If the owner of the generating facility differs from the generator, provide:

g. Owners Reps Name: BJ Korman

K. Quantity- Ld 1 15 Ld 5 Units

h. Owners Phone No.: Same

Quantity- Ld 2 Ld 6

i. Waste Profile No.: #006789

Quantity- Ld 3 Ld 7

j. Description of Waste: C-Soil

Quantity- Ld 4 Ld 8

Units - y = yard o = other

GENERATORS CERTIFICATION:

I hereby certify that the above named material is not hazardous waste as defined by 40CFR Part 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, the material matches the profile number listed on line i.

Nicholas J. Cuzzone

Nicholas J. Cuzzone as Agent for Owner
Generator Authorized Agent Name

Signature

3/31/22

Shipment Date

Section II TRANSPORTER

a. Transporter Name: TSARPAKAS ENT INC

NOTES / COMMENTS

b. Address: 17494 W HICKORY LN

GRAYLAKE IL 60030

c. Driver Name / Title: MICHAEL ROGGE

d. Phone: (847) 816 8828

e. Truck Number: 11

f. Vehicle License No. / State: 21 511 Z

Acknowledgement of Receipt of Materials

Michael Rogge

3/31/22

Drivers Signature

Shipment Date

Section III DESTINATION

a. Site Name: Zion Landfill, Inc.

c. Phone Number: (847) 599-5921

b. Physical Address: 701 Green Bay Rd.

d. Mailing Address: SAME

Zion, IL 60099

e. 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.

Dana Albers

(Signature)

3/31/22

Name of Authorized Agent

Signature

Receipt Date

ZION LANDFILL

~~118~~ / 323/6789



CERTIFIED NON-SPECIAL WASTE MANIFEST

Designated Facility

ZION LANDFILL

Internal No. 327

Section I GENERATOR

a. Generator Name: Lake County Industrial Warehouse, Inc.
c. Address: 2525 Greenfield Lane
North Chicago, IL 60064
e. Phone No.: 847-421-9256

b. Generating Location: Same
d. Address:
f. Phone Number:

If the owner of the generating facility differs from the generator, provide:

g. Owners Reps Name: BJ Korman
h. Owners Phone No.: Same

K. Quantity- Ld 1 15 Ld 5
Quantity- Ld 2 Ld 6
Quantity- Ld 3 Ld 7
Quantity- Ld 4 Ld 8
Units - y = yard o = other

i. Waste Profile No.: #006789

j. Description of Waste: C-Soil

GENERATORS CERTIFICATION:

I hereby certify that the above named material is not hazardous waste as defined by 40CFR Part 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, the material matches the profile number listed on line i.

Nicholas J. Cuzzone

3/31/22

Nicholas J. Cuzzone as Agent for Owner
Generator Authorized Agent Name

Signature

Shipment Date

Section II TRANSPORTER

a. Transporter Name: TSCA PALS
b. Address: 19499 W Hickory Ln
Brynslake IL 60030
c. Driver Name / Title: Juan MORA
d. Phone: 847-816-8828
e. Truck Number: 16
f. Vehicle License No. / State: 34-020 T2

NOTES / COMMENTS

16

Acknowledgement of Receipt of Materials

g. Juan MORA
Drivers Signature

3/31/22
Shipment Date

Section III DESTINATION

a. Site Name: Zion Landfill, Inc.
b. Physical Address: 701 Green Bay Rd.
Zion, IL 60099

c. Phone Number: (847) 599-5921
d. Mailing Address: SAME

e. 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.

f. Dana Albers
Name of Authorized Agent

Signature

(Signature)

3/31/22
Receipt Date

ZION LANDFILL

523



CERTIFIED NON-SPECIAL WASTE MANIFEST

Designated Facility ZION LANDFILL

Internal No. 43

Section I GENERATOR

a. Generator Name: Lake County Industrial Warehouse, Inc.

b. Generating Location: Same

c. Address: 2525 Greenfield Lane North Chicago, IL 60064

d. Address:

e. Phone No.: 847-421-9256

f. Phone Number:

If the owner of the generating facility differs from the generator, provide:

g. Owners Reps Name: BJ Korman

K. Quantity- Ld 1 15 Ld 5 Units

h. Owners Phone No.: Same

Quantity- Ld 2 Ld 6

i. Waste Profile No.: #006789

Quantity- Ld 3 Ld 7

j. Description of Waste: C-Soil

Quantity- Ld 4 Ld 8

Units - y = yard o = other

GENERATORS CERTIFICATION:

I hereby certify that the above named material is not hazardous waste as defined by 40CFR Part 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, the material matches the profile number listed on line i.

Nicholas J. Cuzzone as Agent for Owner Generator Authorized Agent Name

Signature: Nicholas J. Cuzzone

Shipment Date: 4/5/22

Section II TRANSPORTER

a. Transporter Name: TSARALAS ENT INC

NOTES / COMMENTS

b. Address: 17494 W Hickory Ln GRAYSLAKE IL 60030

c. Driver Name / Title: Michael Rogoz

d. Phone: 847 816 8828

e. Truck Number:

f. Vehicle License No. / State: 21511 Z

Acknowledgement of Receipt of Materials

Drivers Signature: Michael Rogoz Shipment Date: 4/5/22

Section III DESTINATION

a. Site Name: Zion Landfill, Inc.

c. Phone Number: (847) 599-5921

b. Physical Address: 701 Green Bay Rd. Zion, IL 60099

d. Mailing Address: SAME

e. 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.

f. Name of Authorized Agent: KC

Signature: KC

Receipt Date: 4-5-22

ZION LANDFILL

523

CERTIFIED NON-SPECIAL WASTE MANIFEST



Designated Facility ZION LANDFILL

Internal No. 39

Section I GENERATOR

Generator information form including fields for Name, Address, Phone, Waste Profile No., and Description of Waste (C-Soil).

Quantity and Location information form with handwritten entries for Ld 1-4 and Ld 5-8, including 'concrete' and 'AO concrete' notes.

GENERATORS CERTIFICATION:

I hereby certify that the above named material is not hazardous waste as defined by 40CFR Part 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, the material matches the profile number listed on line i.

Signature of Nicholas J. Cuzzone as Agent for Owner and Shipment Date 4/5/22.

Section II TRANSPORTER

Transporter information form with handwritten entries for Name (TSC/PAIS), Address, Driver Name (JUN NAVA), Phone, Truck Number, and Vehicle License No. (B9 020 T2).

NOTES / COMMENTS section with handwritten '10'.

Section III DESTINATION

Destination information form including Site Name (Zion Landfill, Inc.), Physical Address, Phone Number, and Mailing Address.

e. 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.

Signature of D. Alther and Receipt Date 4/5/22.

ZION LANDFILL

523/6789

CERTIFIED NON-SPECIAL WASTE MANIFEST



Designated Facility

ZION LANDFILL

Internal No. 47

Section I GENERATOR

a. Generator Name: Lake County Industrial Warehouse, Inc.
c. Address: 2525 Greenfield Lane
North Chicago, IL 60064
e. Phone No.: 847-421-9256

b. Generating Location: Same
d. Address:
f. Phone Number:

If the owner of the generating facility differs from the generator, provide:

g. Owners Reps Name: BJ Korman
h. Owners Phone No.: Same

K. Quantity- Ld 1 15 Ld 5
Quantity- Ld 2 15 Ld 6
Quantity- Ld 3 15 Ld 7
Quantity- Ld 4 15 Ld 8
Units - y = yard o = other

i. Waste Profile No.: #006789

j. Description of Waste: C-Soil

GENERATORS CERTIFICATION:

I hereby certify that the above named material is not hazardous waste as defined by 40CFR Part 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, the material matches the profile number listed on line i.

Nicholas J. Cuzzone (Signature)

4/6/22 (Shipment Date)

Nicholas J. Cuzzone as Agent for Owner
Generator Authorized Agent Name

Signature

Shipment Date

Section II TRANSPORTER

a. Transporter Name: TSARPANAS ENT INC
b. Address: 17494 W HICKORY LN
GRAYSLAKE IL 60030
c. Driver Name / Title: MICHAEL ROGOW
d. Phone: (847) 816 8828
e. Truck Number: 11
f. Vehicle License No. / State: 21 511 Z

NOTES / COMMENTS

11

Acknowledgement of Receipt of Materials

Michael Rogow (Signature)
Drivers Signature

4/6/22 (Shipment Date)
Shipment Date

Section III DESTINATION

a. Site Name: Zion Landfill, Inc.
b. Physical Address: 701 Green Bay Rd.
Zion, IL 60099

c. Phone Number: (847) 599-5921
d. Mailing Address: SAME

e. 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.

Salber (Signature)
Name of Authorized Agent

18 (Signature)

4/6/22 (Receipt Date)
Receipt Date

ZION LANDFILL

623

CERTIFIED NON-SPECIAL WASTE MANIFEST



Designated Facility

ZION LANDFILL

Internal No.

103

Section I GENERATOR

a. Generator Name: Lake County Industrial Warehouse, Inc.
c. Address: 2525 Greenfield Lane, North Chicago, IL 60064
e. Phone No.: 847-421-9256

b. Generating Location: Same
d. Address:
f. Phone Number:

If the owner of the generating facility differs from the generator, provide:

g. Owners Reps Name: BJ Korman
h. Owners Phone No.: Same

K. Quantity- Ld 1 [15] Ld 5 [] []
Quantity- Ld 2 [15] Ld 6 [] []
Quantity- Ld 3 [15] Ld 7 [] []
Quantity- Ld 4 [15] Ld 8 [] []
Units - y = yard o = other

i. Waste Profile No.: #006789

j. Description of Waste: C-Soil

GENERATORS CERTIFICATION:

I hereby certify that the above named material is not hazardous waste as defined by 40CFR Part 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, the material matches the profile number listed on line i.

Nicholas J. Cuzzone as Agent for Owner
Generator Authorized Agent Name

Signature: Nicholas J. Cuzzone

Shipment Date: 4/6/22

Section II TRANSPORTER

a. Transporter Name: T S AIPALIS
b. Address: 17444 W HICKORY LN, GARYS LAKE IL 60030
c. Driver Name / Title: JUAN MANA
d. Phone: 1847-810-8628
e. Truck Number: 16
f. Vehicle License No. / State: 39 020 T2

NOTES / COMMENTS

16

Acknowledgement of Receipt of Materials

g. Drivers Signature: Juan Mana

Shipment Date: 4/6/22

Section III DESTINATION

a. Site Name: Zion Landfill, Inc.
b. Physical Address: 701 Green Bay Rd, Zion, IL 60099

c. Phone Number: (847) 599-5921
d. Mailing Address: SAME

e. 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.

f. Name of Authorized Agent

Signature: [Signature]

Receipt Date: 4/6/22

523



CERTIFIED NON-SPECIAL WASTE MANIFEST

Designated Facility

ZION LANDFILL

Internal No. 141

Section I GENERATOR

a. Generator Name: Lake County Industrial Warehouse, Inc.

b. Generating Location: Same

c. Address: 2525 Greenfield Lane
North Chicago, IL 60064

d. Address:

e. Phone No.: 847-421-9256

f. Phone Number:

If the owner of the generating facility differs from the generator, provide:

g. Owners Reps Name: BJ Korman

K. Quantity- Ld 1 15 Ld 5 Units

h. Owners Phone No.: Same

Quantity- Ld 2 15 Ld 6

i. Waste Profile No.: #006789

Quantity- Ld 3 15 Ld 7

j. Description of Waste: C-Soil

Quantity- Ld 4 15 Ld 8

Units - y = yard o = other

GENERATORS CERTIFICATION:

I hereby certify that the above named material is not hazardous waste as defined by 40CFR Part 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, the material matches the profile number listed on line i.

Nicholas J. Cuzzone as Agent for Owner
Generator Authorized Agent Name

Nicholas J. Cuzzone
Signature

4/7/22
Shipment Date

Section II TRANSPORTER

a. Transporter Name: TSHADOLAS ENT INC

NOTES / COMMENTS

b. Address: 17484 W Hickory Ln
GRAYS LAKE IL 60030

c. Driver Name / Title: MICHAEL ROGOW

d. Phone: (847) 816 8828

e. Truck Number: 11

f. Vehicle License No. / State: 21 511 Z

Acknowledgement of Receipt of Materials

g. *Michael Rogow* 4/7/22
Drivers Signature Shipment Date

Section III DESTINATION

a. Site Name: Zion Landfill, Inc.

c. Phone Number: (847) 599-5921

b. Physical Address: 701 Green Bay Rd.
Zion, IL 60099

d. Mailing Address: SAME

e. 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.

f. *[Signature]*
Name of Authorized Agent

[Signature]
Signature

4/7/22
Receipt Date

ZION LANDFILL

523



CERTIFIED NON-SPECIAL WASTE MANIFEST

Designated Facility ZION LANDFILL

Internal No. 143

143

Section I GENERATOR

a. Generator Name: Lake County Industrial Warehouse, Inc.
c. Address: 2525 Greenfield Lane, North Chicago, IL 60064
e. Phone No.: 847-421-9256

b. Generating Location: Same
d. Address:
f. Phone Number:

If the owner of the generating facility differs from the generator, provide:

g. Owners Reps Name: BJ Korman
h. Owners Phone No.: Same

K. Quantity- Ld 1 15, Ld 2 15, Ld 3 15, Ld 4, Ld 5, Ld 6, Ld 7, Ld 8
Units - y = yard o = other

i. Waste Profile No.: #006789

j. Description of Waste: C-Soil

GENERATORS CERTIFICATION:

I hereby certify that the above named material is not hazardous waste as defined by 40CFR Part 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, the material matches the profile number listed on line i.

Nicholas J. Cuzzone as Agent for Owner
Generator Authorized Agent Name

Signature: Nicholas J. Cuzzone

Shipment Date: 4/7/22

Section II TRANSPORTER

a. Transporter Name: TSW Pales
b. Address: 17494 W Hickory Ln, Gray's Lake IL 60030
c. Driver Name / Title: Juan Nava
d. Phone: 847-816-8828
e. Truck Number: 16
f. Vehicle License No. / State: 39-020-T2

NOTES / COMMENTS

VP

Acknowledgement of Receipt of Materials

g. Juan Nava
Drivers Signature

4/7/22
Shipment Date

Section III DESTINATION

a. Site Name: Zion Landfill, Inc.
b. Physical Address: 701 Green Bay Rd., Zion, IL 60099

c. Phone Number: (847) 599-5921
d. Mailing Address: SAME

e. 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.

f. Name of Authorized Agent

Signature: [Signature]

Receipt Date: 4/7/22

W1210186

Case print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <i>Applied ATM!</i>	2. Page 1 of 1	3. Emergency Response Phone 800-424-9300	4. Manifest Tracking Number 023482903 JJK		
5. Generator's Name and Mailing Address <i>EPS Environmental Services 2525 Greenfield Ave North Chicago, IL 60064</i>		Generator's Site Address (if different than mailing address) <i>723-792-5040</i>					
6. Transporter 1 Company Name GFL ENVIRONMENTAL SERVICES USA INC dba FUTURE ENVIRONMENTAL				U.S. EPA ID Number ILD984831388			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address 708-880-0400 WATER INTEGRATED TREATMENT SYSTEMS (WIT) 14753 GREENWOOD RD. DOLTON, IL 60419				U.S. EPA ID Number ILD043914209			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	1. NON-HAZARDOUS LIQUID WASTE, NON-REGULATED BY D.O.T	No.	Type				
		1	TT	3200	G	IL 14 IL 15	
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information <i>29000 (20) 3000 (20)</i>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name <i>NICK CUZZONE</i>				Signature <i>Nick Cuzzone</i>		Month Day Year <i>1 24 22</i>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <i>[Signature]</i>				Signature <i>[Signature]</i>		Month Day Year <i>1 24 22</i>	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number:							
18b. Alternate Facility (or Generator)				U.S. EPA ID Number			
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.	2.	3.	4.				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <i>Michael Glass</i>				Signature <i>Michael Glass</i>		Month Day Year <i>AR00133 1 22</i>	

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

Generator type:		1. Generator ID Number 0971255146	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number 023481577 JJK	
5. Generator's Name and Mailing Address EMCO 2525 GREENFIELD LN NORTH CHICAGO IL		Generator's Site Address: (If different than mailing address)				
6. Transporter 1 Company Name GFL ENVIRONMENTAL SERVICES USA INC dba FUTURE ENVIRONMENTAL		U.S. EPA ID Number ILD984831398				
7. Transporter 2 Company Name		U.S. EPA ID Number				
8. Designated Facility Name and Site Address 708-880-0400 WATER INTEGRATED TREATMENT SYSTEMS (WIT) 14783 GREENWOOD RD. DOLTON, IL 60419		U.S. EPA ID Number ILD043914209		Facility's Phone:		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
	1. NON-HAZARDOUS LIQUID WASTE, NON-REGULATED BY D.O.T	1	TT	3890	G	26 11
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offorer's Printed/Typed Name CP AGENCY		Signature <i>[Signature]</i>		Month Day Year 10/24/22		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name CAUC PULLIOS		Signature <i>[Signature]</i>		Month Day Year 10/24/22		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
18b. Alternate Facility (or Generator)		U.S. EPA ID Number				
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator)						Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1.	2.	3.	4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name Michael Glass		Signature <i>[Signature]</i>		Month Day Year 10/24/22		

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

W12W940

FORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone 800-424-8300	4. Manifest Tracking Number 023482760 JJK
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5. Generator's Name and Mailing Address EPS 2525 Green Park Ln North Chicago, IL 60064		Generator's Site Address (if different than mailing address)
Generator's Phone:		

6. Transporter 1 Company Name GFL ENVIRONMENTAL SERVICES USA INC dba FUTURE ENVIRONMENTAL	U.S. EPA ID Number IL.D984831398
7. Transporter 2 Company Name	U.S. EPA ID Number

8. Designated Facility Name and Site Address SPECIAL WASTE DISPOSAL 1140 E. BROOKMONT BLVD, KANKAKEE, IL 60901	U.S. EPA ID Number 0910585308
815-868-0070 Facility's Phone:	

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
1.	NON-HAZARDOUS LIQUID WASTE, NON-REGULATED BY D.O.T	1	TT	G	G			
2.								
3.								
4.								

14. Special Handling Instructions and Additional Information

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeor's Printed/Typed Name	Signature	Month	Day	Year
		1	24	22

16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name	Signature	Month	Day	Year
Tina		1	24	22
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

18. Discrepancy

18a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
----	----	----	----

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 19a

Printed/Typed Name	Signature	Month	Day	Year
		10	27	22

GENERATOR
TRANSPORTER INT'L
DESIGNATED FACILITY

Applied for **W1210947**

or type. **FORM HAZARDOUS WASTE MANIFEST** 1. Generator ID Number 2. Page 1 of 3. Emergency Response Phone **800-424-9300** 4. Manifest Tracking Number **023483147 JJK**

5. Generator's Name and Mailing Address **EMCO Chemical** Generator's Site Address (if different than mailing address) **2525 Greenfield Ln North Chicago, IL 60064**
 (973) 792-3021

6. Transporter 1 Company Name **GFL ENVIRONMENTAL SERVICES USA INC dba FUTURE ENVIRONMENTAL** U.S. EPA ID Number **ILD084831308**

7. Transporter 2 Company Name U.S. EPA ID Number

8. Designated Facility Name and Site Address **WATER INTEGRATED TREATMENT SYSTEMS (WIT)** U.S. EPA ID Number **ILD043914209**
708-860-0400 14753 GREENWOOD RD. DOLTON, IL 60419 Facility's Phone:

GENERATOR

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
1.	NON-HAZARDOUS LIQUID WASTE, NON-REGULATED BY D.O.T / city water	1	TT	6,000	G	U18		
2.								
3.								
4.								

14. Special Handling Instructions and Additional Information

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offor's Printed/Typed Name **Stephen Korte** Signature **[Signature]** Month **1** Day **24** Year **22**

TRANSPORTER INT'L

16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials
 Transporter 1 Printed/Typed Name **Stephen K. Robertson** Signature **[Signature]** Month **1** Day **24** Year **22**

Transporter 2 Printed/Typed Name Signature Month Day Year

DESIGNATED FACILITY

18. Discrepancy
 18a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection
 Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
 Facility's Phone:
 18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
 1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
 Printed/Typed Name **Joshua R...** Signature **[Signature]** Month **25** Day **21** Year **AR000136**

WI 10936

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number 0971255/16	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number 023481576 JJK	
5. Generator's Name and Mailing Address EMCO 2525 GREENFIELD LN. NORTH CHICAGO, IL			Generator's Site Address (if different than mailing address)			
6. Transporter 1 Company Name GFL ENVIRONMENTAL SERVICES USA INC dba FUTURE ENVIRONMENTAL			U.S. EPA ID Number ILD984831366			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address 708-880-0400 WATER INTEGRATED TREATMENT SYSTEMS (WIT) 14763 GREENWOOD RD. DOLTON, IL 60419			U.S. EPA ID Number ILD043914209			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON-HAZARDOUS LIQUID WASTE, NON-REGULATED BY D.O.T	1	TT	3890	g	IL 18
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offlor's Printed/Typed Name CP AGENT FOR IV			Signature CP		Month Day Year 10/25/22	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name LUCKY PHOTOS			Signature O Q Puller		Month Day Year 10/25/22	
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
18b. Alternate Facility (or Generator) U.S. EPA ID Number						
18c. Signature of Alternate Facility (or Generator) Month Day Year						
19. Hazardous-Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name Joshua R... ..			Signature		Month Day Year 10/25/22	

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

W1210937

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number 0977255116	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number 023481575 JJK	
5. Generator's Name and Mailing Address EMCO 2525 GREENWOOD RD NORTH CHICAGO, IL		Generator's Site Address (if different than mailing address)				
Generator's Phone:		6. Transporter 1 Company Name SPL ENVIRONMENTAL SERVICES USA INC dba FUTURE ENVIRONMENTAL			U.S. EPA ID Number ILD084831398	
7. Transporter 2 Company Name		U.S. EPA ID Number				
8. Designated Facility Name and Site Address 708-880-0400 WATER INTEGRATED TREATMENT SYSTEMS (WIT) 14753 GREENWOOD RD DOLTON, IL 60419		U.S. EPA ID Number ILD043814209				
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON-HAZARDOUS LIQUID WASTE, NON-REGULATED BY D.O.T.	1	TT	3850	g	IL14 IL15
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information 3650 gal 200 gal sludge						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offoror's Printed/Typed Name CP Agent for				Signature CP		Month Day Year 01/25/20
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Chuck Pallas				Signature [Signature]		Month Day Year 01/25/20
Transporter 2 Printed/Typed Name				Signature		Month Day Year
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
18b. Alternate Facility (or Generator)				Manifest Reference Number: _____ U.S. EPA ID Number _____		
Facility's Phone:				18c. Signature of Alternate Facility (or Generator)		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)				Month Day Year		
1.	2.	3.	4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name Michael Glass				Signature [Signature]		Month Day Year 11/25/22

GENERATOR

TRANSPORTER

DESIGNATED FACILITY

Uniform Hazardous Waste Manifest

1. Generator ID Number: 0246718210

2. Page 1 of 3

3. Emergency Response Phone: 800-424-9300

4. Manifest Tracking Number: 023480550 JJK

5. Generator's Name and Mailing Address: 2525 EHS Future Environmental, 1400th Street, IL 60419

Generator's Site Address (if different than mailing address):

Generator's Phone:

6. Transporter 1 Company Name: GFL ENVIRONMENTAL SERVICES USA INC dba FUTURE ENVIRONMENTAL

U.S. EPA ID Number: ILD984831393

7. Transporter 2 Company Name:

U.S. EPA ID Number:

8. Designated Facility Name and Site Address: WATER INTEGRATED TREATMENT SYSTEMS (WIT), 14753 GREENWOOD RD., DOLTON, IL 60419

U.S. EPA ID Number: ILD043914209

Facility's Phone: 708-880-0400

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
1	NON-HAZARDOUS LIQUID WASTE, NON-REGULATED BY D.O.T	1	TT	4.00	G		
2							
3							
4							

14. Special Handling Instructions and Additional Information:

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable International and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: [Signature] Signature: [Signature] Month: 11, Day: 25, Year: 2022

16. International Shipments: Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: [Signature] Signature: [Signature] Month: 11, Day: 25, Year: 2022

Transporter 2 Printed/Typed Name: [Signature] Signature: [Signature] Month: Day: Year:

18. Discrepancy

18a. Discrepancy Indication Space: Quantity Type Residue Partial Rejection Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator): U.S. EPA ID Number:

Facility's Phone:

18c. Signature of Alternate Facility (or Generator): Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: [Signature] Signature: [Signature] Month: 11, Day: 26, Year: 2022

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

W1278813

235446

print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <i>Pending</i>	2. Page 1 of	3. Emergency Response Phone 800-424-9300	4. Manifest Tracking Number 023489261 JJK					
5. Generator's Name and Mailing Address <i>EMS/EMCO 2525 Greenfield Ave. Chicago IL</i>			Generator's Site Address (if different than mailing address)							
Generator's Phone:										
6. Transporter 1 Company Name GFL ENVIRONMENTAL SERVICES USA INC dba FUTURE ENVIRONMENTAL				U.S. EPA ID Number ILD034831390						
7. Transporter 2 Company Name				U.S. EPA ID Number						
8. Designated Facility Name and Site Address WATER INTEGRATED TREATMENT SYSTEMS (WIT) 14753 GREENWOOD RD. DOLTON, IL 60419				U.S. EPA ID Number ILD043914209						
Facility's Phone:										
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
				No.	Type					
	1. NON-HAZARDOUS LIQUID WASTE, NON-REGULATED BY D.O.T			1	TF	2900	G	11	15	
	2.									
	3.									
	4.									
14. Special Handling Instructions and Additional Information <i>APL 9537</i>										
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.										
Generator's/Offeror's Printed/Typed Name <i>X [Signature]</i>				Signature <i>[Signature]</i>				Month Day Year <i>3 21 22</i>		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
17. Transporter Acknowledgment of Receipt of Materials										
Transporter 1 Printed/Typed Name <i>Nick Mascaro</i>				Signature <i>[Signature]</i>				Month Day Year <i>3 21 22</i>		
Transporter 2 Printed/Typed Name				Signature				Month Day Year		
18. Discrepancy										
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
Manifest Reference Number:										
18b. Alternate Facility (or Generator) U.S. EPA ID Number										
Facility's Phone:										
18c. Signature of Alternate Facility (or Generator)							Month Day Year			
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)										
1.			2.			3.			4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a										
Printed/Typed Name <i>John Jefferson</i>				Signature <i>[Signature]</i>				Month Day Year <i>3 22 22</i>		

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <i>097125516</i>	2. Page 1 of	3. Emergency Response Phone <i>800-424-9300</i>	4. Manifest Tracking Number 022923895 JJK	
5. Generator's Name and Mailing Address <i>EMCO 2525 Greenfield Ln North Chicago, IL 60064</i>			Generator's Site Address (if different than mailing address)			
Generator's Phone: <i>773-792-3010</i>						
6. Transporter 1 Company Name GFL ENVIRONMENTAL SERVICES USA INC dba FUTURE ENVIRONMENTAL				U.S. EPA ID Number <i>ILD084831396</i>		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address WATER INTEGRATED TREATMENT SYSTEMS (WIT) 14753 GREENWOOD RD. DOLTON, IL 60419				U.S. EPA ID Number <i>ILD013914209</i>		
Facility's Phone: <i>708-880-0400</i>						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
1.	<i>NONHAZARDOUS LIQUID WASTE, NON-REGULATED BY D.O.T. / oily water</i>	1	TT	<i>3,400</i>	G	
2.						
3.						
4.						
14. Special Handling Instructions and Additional Information						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offoror's Printed/Typed Name <i>W. J. ...</i>				Signature <i>[Signature]</i>		Month Day Year <i>3 21 22</i>
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <i>[Name]</i>				Signature <i>[Signature]</i>		Month Day Year <i>5 21 22</i>
Transporter 2 Printed/Typed Name				Signature		Month Day Year
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
18b. Alternate Facility (or Generator), _____ U.S. EPA ID Number _____						
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator)						Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1.	2.	3.	4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name				Signature		Month Day Year

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

W1288615

print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number <i>Applied for</i>	2. Page 1 of	3. Emergency Response Phone 800-424-0300	4. Manifest Tracking Number 023481329 JJK
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5. Generator's Name and Mailing Address: *ENLO*
2525 Greenwood Lane
NORTH CHICAGO, IL

Generator's Site Address (if different than mailing address):

Generator's Phone:

6. Transporter 1 Company Name: **GFL ENVIRONMENTAL SERVICES USA INC dba FUTURE ENVIRONMENTAL**

U.S. EPA ID Number: **IL.D884831386**

7. Transporter 2 Company Name:

U.S. EPA ID Number:

8. Designated Facility Name and Site Address: **WATER INTEGRATED TREATMENT SYSTEMS (WIT)**
14753 GREENWOOD RD.
DOLTON, IL 60419

U.S. EPA ID Number: **IL.D04391208**

Facility's Phone:

GENERATOR

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
	1. NON-HAZARDOUS LIQUID WASTE, NON-REGULATED BY D.O.T	1	TT	3670 ^g		3211	
	2.						
	3.						
	4.						

14. Special Handling Instructions and Additional Information:

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offoror's Printed/Typed Name: *CD ABENTHOIX* Signature: *CD* Month: *03* Day: *06* Year: *00*

TRANSPORTER INT'L

16. International Shipments: Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: *Chuck Pullis* Signature: *Chuck Pullis* Month: *03* Day: *06* Year: *00*

Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space: Quantity Type Residue Partial Rejection Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator): U.S. EPA ID Number:

Facility's Phone:

18c. Signature of Alternate Facility (or Generator): Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 18a

Printed/Typed Name: Signature: Month: Day: Year:

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <i>Applied for</i>	2. Page 1 of	3. Emergency Response Phone 800-424-9300	4. Manifest Tracking Number 023481330 JJK		
5. Generator's Name and Mailing Address <i>EMCO 2525 GREENWOOD F. RD NORTH CHICAGO, IL</i>		Generator's Site Address (if different than mailing address)					
Generator's Phone:		6. Transporter 1 Company Name GFL ENVIRONMENTAL SERVICES USA INC dba FUTURE ENVIRONMENTAL			U.S. EPA ID Number ILD984831396		
7. Transporter 2 Company Name					U.S. EPA ID Number		
8. Designated Facility Name and Site Address WATER INTEGRATED TREATMENT SYSTEMS (WIT) 14753 GREENWOOD RD. DOLTON, IL 60419		708-880-0400			U.S. EPA ID Number IL0043914209		
Facility's Phone:							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
	1. NON-HAZARDOUS LIQUID WASTE, NON-REGULATED BY D.O.T	1	TT	3975 ^g		215	
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information <i>WITH 09557</i>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <i>CP AGENT FOR X</i>		Signature <i>CP</i>		Month <i>03</i>		Day Year <i>23 2000</i>	
16. International Shipments: <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <i>Chick Pullos</i>		Signature <i>Chick Pullos</i>		Month <i>03</i>		Day Year <i>23 2000</i>	
Transporter 2 Printed/Typed Name		Signature		Month		Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number: _____							
18b. Alternate Facility (or Generator)				U.S. EPA ID Number			
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous-Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <i>John...</i>		Signature <i>John...</i>		Month <i>10</i>		Day Year <i>27 2022</i>	

W1284696

print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number 0971255169	2. Page 1 of	3. Emergency Response Phone 800-424-9300	4. Manifest Tracking Number 023483030 JJK
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5. Generator's Name and Mailing Address 525 E. ILLIC		Generator's Site Address (if different than mailing address)
Generator's Phone:		

6. Transporter 1 Company Name GFL ENVIRONMENTAL SERVICES USA INC dba FUTURE ENVIRONMENTAL	U.S. EPA ID Number ILD984831386
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7. Transporter 2 Company Name	U.S. EPA ID Number
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8. Designated Facility Name and Site Address 708-880-0400 Facility's Phone: WATER INTEGRATED TREATMENT SYSTEMS (WIT) 14755 GREENWOOD RD. DOLTON, IL 60419	U.S. EPA ID Number ILD0043814269
--	-------------------------------------

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
1.	NON-HAZARDOUS LIQUID WASTE, NON-REGULATED BY D.O.T	1	TT	6000	G			2818
2.								
3.								
4.								

14. Special Handling Instructions and Additional Information PROF. # 09537

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offorer's Printed/Typed Name A. Omar Rodriguez	Signature <i>[Signature]</i>	Month Day Year 13 24 22
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16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.	Port of entry/exit: Date leaving U.S.:
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17. Transporter Acknowledgment of Receipt of Materials		
Transporter 1 Printed/Typed Name T. ...	Signature <i>[Signature]</i>	Month Day Year 13 24 22
Transporter 2 Printed/Typed Name	Signature	Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection

18b. Alternate Facility (or Generator)	Manifest Reference Number:	U.S. EPA ID Number
Facility's Phone:		

18c. Signature of Alternate Facility (or Generator)	Month Day Year
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19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)			
1.	2.	3.	4.

20. Designated Facility Owner or Operator. Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a		
Printed/Typed Name Juan Martinez	Signature <i>[Signature]</i>	Month Day Year 13 24 22

GENERATOR
INT'L
TRANSPORTER
DESIGNATED FACILITY

print or type.

Form Approved. OMB No. 2050-0039

WI 284691

UNIFORM-HAZARDOUS WASTE MANIFEST	1. Generator ID Number APPLIED FOR	2. Page 1 of	3. Emergency Response Phone 800-474-9300	4. Manifest Tracking Number 023481331 JJK
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5. Generator's Name and Mailing Address EMCO 2525 GREENFIELD LANE NORTH CHICAGO, ILL.		Generator's Site Address (if different than mailing address)		
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6. Transporter 1 Company Name GFL ENVIRONMENTAL SERVICES USA INC dba FUTURE ENVIRONMENTAL	U.S. EPA ID Number ILD084831398
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7. Transporter 2 Company Name	U.S. EPA ID Number
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8. Designated Facility Name and Site Address WATER INTEGRATED TREATMENT SYSTEMS (WIT) 14753 GREENWOOD RD. DOLTON, IL 60419	U.S. EPA ID Number ILD043814209
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9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
	1. NON-HAZARDOUS LIQUID WASTE, NON-REGULATED BY D.O.T	1	TT	3980	G	JL18
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information WIT# 29537
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15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Officer's Printed/Typed Name CP AGENT FOR	Signature (Signature)	Month 03	Day 27	Year 08
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16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.	Port of entry/exit: Date leaving U.S.:
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17. Transporter Acknowledgment of Receipt of Materials				
Transporter 1 Printed/Typed Name Chuc Pullos	Signature (Signature)	Month 05	Day 24	Year 08
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

18. Discrepancy
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator) WIT# 4719 7016 AVE KENOSHA WI 53141	U.S. EPA ID Number WIR017006E
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18c. Signature of Alternate Facility (or Generator) (Signature)	Month 3	Day 24	Year 08
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19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)			
1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a				
Printed/Typed Name JUAN MARTINEZ	Signature (Signature)	Month 3	Day 24	Year 08

GENERATOR

TRANSPORTER INT'L

DESIGNATED FACILITY

print or type.

WI 284691

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone 800-424-8300	4. Manifest Tracking Number 023481332 JJK
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5. Generator's Name and Mailing Address: **EMCO 2525 GREENFIELD Lane NORTH CHICAGO, IL**

Generator's Site Address (if different than mailing address):

Generator's Phone:

6. Transporter 1 Company Name: **CFL ENVIRONMENTAL SERVICES USA INC dba FUTURE ENVIRONMENTAL**

U.S. EPA ID Number: **ILD984831396**

7. Transporter 2 Company Name:

U.S. EPA ID Number:

8. Designated Facility Name and Site Address: **WATER INTEGRATED TREATMENT SYSTEMS (WIT) 14783 GREENWOOD RD. DOLTON, IL 60410**

U.S. EPA ID Number: **ILD043914209**

Facility's Phone: **708-680-0100**

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
	1. NON-HAZARDOUS LIQUID WASTE, NON-REGULATED BY D.O.T	1	TT	397.5	G			
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information: **WIT# 09537**

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: **CP Agent for** Signature: **CP** Month: **03** Day: **12** Year: **2022**

16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: Date leaving U.S.:

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: **Chuck Pullos** Signature: **Chuck Pullos** Month: **03** Day: **12** Year: **2022**

Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

18. Discrepancy

18a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator): **WIT'S NAME 4719 KENOSHA, WI 53144** U.S. EPA ID Number: **WIT000170085**

Facility's Phone:

18c. Signature of Alternate Facility (or Generator): **[Signature]** Month: **3** Day: **21** Year: **22**

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Signature: Month: **3** Day: **21** Year: **22**

GENERATOR
TRANSPORTER
DESIGNATED FACILITY

print or type.

W1284691

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone 800-424-9300	4. Manifest Tracking Number 023481333 JJK
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5. Generator's Name and Mailing Address EMCO 2525 GREENFIELD LANE NORTH CHICAGO, IL	Generator's Site Address (if different than mailing address)
Generator's Phone:	

6. Transporter 1 Company Name GFL ENVIRONMENTAL SERVICES USA INC dba FUTURE ENVIRONMENTAL	U.S. EPA ID Number ILD0984831390
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7. Transporter 2 Company Name	U.S. EPA ID Number
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8. Designated Facility Name and Site Address WATER INTEGRATED TREATMENT SYSTEMS (WIT) 14753 GREENWOOD RD. DOLTON, IL 60418	U.S. EPA ID Number ILD043914309
Facility's Phone:	

GENERATOR

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
	1. NON-HAZARDOUS LIQUID WASTE, NON-REGULATED BY D.O.T.	17	11	3975	g	16	18	
	2.							
	3.							

14. Special Handling Instructions and Additional Information
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15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offoror's Printed/Typed Name CP AGENT FOR I	Signature <i>[Signature]</i>	Month 03	Day 24	Year 20
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INT'L

16. International Shipments	<input type="checkbox"/> Import to U.S.	<input type="checkbox"/> Export from U.S.	Port of entry/exit:
Transporter signature (for exports only):	Date leaving U.S.:		

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials				
Transporter 1 Printed/Typed Name CHUCK PALLAS	Signature <i>[Signature]</i>	Month 03	Day 24	Year 20
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy					
18a. Discrepancy Indication Space	<input type="checkbox"/> Quantity	<input type="checkbox"/> Type	<input type="checkbox"/> Residue	<input type="checkbox"/> Partial Rejection	<input type="checkbox"/> Full Rejection
Manifest Reference Number:					

18b. Alternate Facility (or Generator)	U.S. EPA ID Number
Facility's Phone:	

18c. Signature of Alternate Facility (or Generator)	Month	Day	Year
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19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)			
1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a				
Printed/Typed Name Vicente Garcia Flores	Signature <i>[Signature]</i>	Month 03	Day 24	Year 20

Print or type.

Form Approved. OMB No. 2050-0039

W1284661

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number Applied for	2. Page 1 of	3. Emergency Response Phone 800-424-9300	4. Manifest Tracking Number 023481334 JJK
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5. Generator's Name and Mailing Address: EMC
2525 Greenfield Lane
North Chicago, IL

Generator's Site Address (if different than mailing address):

Generator's Phone:

6. Transporter 1 Company Name: GFL ENVIRONMENTAL SERVICES USA INC dba FUTURE ENVIRONMENTAL
U.S. EPA ID Number: ILD984831398

7. Transporter 2 Company Name: _____
U.S. EPA ID Number: _____

8. Designated Facility Name and Site Address: WATER INTEGRATED TREATMENT SYSTEMS (WIT)
14753 GREENWOOD RD.
DOLTON, IL 60419
708-880-0400
Facility's Phone: _____
U.S. EPA ID Number: ILD043914209

GENERATOR

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
	NON-HAZARDOUS LIQUID WASTE, NON-REGULATED BY D.O.T	1	TI	3975				

14. Special Handling Instructions and Additional Information

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offero's Printed/Typed Name: CP Agent for X
Signature: CP
Month: 03, Day: 25, Year: 02

TRANSPORTER INT'L

16. International Shipments: Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Chuck Pullos
Signature: [Signature]
Month: 03, Day: 25, Year: 02

Transporter 2 Printed/Typed Name: _____
Signature: _____
Month: _____, Day: _____, Year: _____

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space: Quantity Type Residue Partial Rejection Full Rejection

Manifest Reference Number: _____

18b. Alternate Facility (or Generator): WIT'S
Facility's Phone: 4719 702nd Kenosha, WI 60120-1706
U.S. EPA ID Number: _____

18c. Signature of Alternate Facility (or Generator): _____
Month: 03, Day: 25, Year: 02

19. Hazardous Waste Report Management Method Codes (I.e., codes for hazardous waste treatment, disposal, and recycling systems)

1. _____ 2. _____ 3. _____ 4. _____

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: _____
Signature: [Signature]
Month: 03, Day: 25, Year: 02

W1284661

Print or type.

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number Applied Fac	2. Page 1 of	3. Emergency Response Phone 800-424-9300	4. Manifest Tracking Number 023481335 JJK
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5. Generator's Name and Mailing Address EMCOB 2525 Greenfield Lane North Chicago IL		Generator's Site Address (if different than mailing address)
Generator's Phone:		

6. Transporter 1 Company Name GFL ENVIRONMENTAL SERVICES USA INC dba FUTURE ENVIRONMENTAL	U.S. EPA ID Number ILD984831396
---	---

7. Transporter 2 Company Name	U.S. EPA ID Number
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8. Designated Facility Name and Site Address 708-880-0400 WATER INTEGRATED TREATMENT SYSTEMS (WIT) 14753 GREENWOOD RD. DOLTON, IL 60419	U.S. EPA ID Number ILD043014209
Facility's Phone:	

GENERATOR

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
1	NON-HAZARDOUS LIQUID WASTE, NON-REGULATED BY D.O.T	1	TT	3975	G			
2								
3								
4								

14. Special Handling Instructions and Additional Information
--

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offlor's Printed/Typed Name CP Agent for	Signature CP	Month 03	Day 25	Year 20
--	------------------------	--------------------	------------------	-------------------

INT'L

16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.	Port of entry/exit: Date leaving U.S.:
--	---

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials				
Transporter 1 Printed/Typed Name Claudia Pallas	Signature [Signature]	Month 03	Day 25	Year 20
Transporter 2 Printed/Typed Name	Signature	Month	Day	Year

DESIGNATED FACILITY

18. Discrepancy				
18a. Discrepancy Indication Space	<input type="checkbox"/> Quantity	<input type="checkbox"/> Type	<input type="checkbox"/> Residue	<input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection
Manifest Reference Number:				

18b. Alternate Facility (or Generator) WIT 4719 W. Main Kenosha WI 53144 WIT00170068	U.S. EPA ID Number
Facility's Phone:	

18c. Signature of Alternate Facility (or Generator) [Signature]	Month 3	Day 25	Year 20
---	-------------------	------------------	-------------------

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)			
1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a				
Printed/Typed Name [Signature]	Signature [Signature]	Month 3	Day 25	Year 20

W1284661

Print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <i>Applied for</i>	2. Page 1 of	3. Emergency Response Phone 800-424-0300	4. Manifest Tracking Number 023491349 JJK		
5. Generator's Name and Mailing Address <i>EMCO 2525 Greenfield Lane NORTH CHICAGO, IL</i>				Generator's Site Address (if different than mailing address)			
Generator's Phone:				U.S. EPA ID Number ILD984631396			
6. Transporter 1 Company Name GFL ENVIRONMENTAL SERVICES USA INC dba FUTURE ENVIRONMENTAL				U.S. EPA ID Number			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address 700-880-0400 WATER INTEGRATED TREATMENT SYSTEMS (WIT) 14753 GREENWOOD RD. DOLTON, IL 60419				U.S. EPA ID Number ILD043914209			
Facility's Phone:							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
	1. NON-HAZARDOUS LIQUID WASTE, NON-REGULATED BY D.O.T	1	TT	3700	G	II	14
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name <i>CP Agent for X</i>				Signature <i>CP</i>		Month Day Year <i>03 25 00</i>	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <i>Chuck Pallas</i>				Signature <i>Chuck Pallas</i>		Month Day Year <i>03 25 00</i>	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number: _____							
18b. Alternate Facility (or Generator)				U.S. EPA ID Number			
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name <i>John Jefferson</i>				Signature <i>John Jefferson</i>		Month Day Year <i>3 26 22</i>	

GENERATOR
INTL
TRANSPORTER
DESIGNATED FACILITY

Print or type.

W1286510

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number 0971255116	2. Page 1 of	3. Emergency Response Phone 800-424-6300	4. Manifest Tracking Number 024155225 JJK		
5. Generator's Name and Mailing Address (773) 792-3090		Generator's Site Address (if different than mailing address) EMCO 2525 Greenfield Ln North Chicago, IL 60061					
6. Transporter 1 Company Name GFL ENVIRONMENTAL SERVICES USA INC dba FUTURE ENVIRONMENTAL		U.S. EPA ID Number ILD984831398					
7. Transporter 2 Company Name		U.S. EPA ID Number					
8. Designated Facility Name and Site Address SPECIAL WASTE DISPOSAL 1140 E. BROOKMONT BLVD. KANKAKEE, IL 60901		U.S. EPA ID Number 0910565900					
Facility's Phone:							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	1. NON-HAZARDOUS LIQUID WASTE, NON-REGULATED BY D.O.T. / groundwater	No.	Type	6000	0		
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offor's Printed/Typed Name		Signature			Month	Day	Year
(K)		(K)			3	25	22
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name		Signature			Month	Day	Year
Stephen Robertson		(S)			3	25	22
Transporter 2 Printed/Typed Name		Signature			Month	Day	Year
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number:							
18b. Alternate Facility (or Generator)		U.S. EPA ID Number					
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator)					Month	Day	Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous-waste treatment, disposal, and recycling systems)							
1.	2.	3.	4.				
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name		Signature			Month	Day	Year
JSCV		(J)			3	25	22

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

Please print or type.

W1288623

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number Applied for	2. Page 1 of	3. Emergency Response Phone 800-424-9300	4. Manifest Tracking Number 023481354 JJK		
5. Generator's Name and Mailing Address EMCO 2525 GREENWOOD Lane NORTH CHICAGO, IL				Generator's Site Address (if different than mailing address)			
Generator's Phone:				U.S. EPA ID Number H.D984831300			
6. Transporter 1 Company Name GFI ENVIRONMENTAL SERVICES USA INC dba FUTURE ENVIRONMENTAL				U.S. EPA ID Number			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address 708-880-0400 WATER INTEGRATED TREATMENT SYSTEMS (WIT) 14753 GREENWOOD RD. DOLTON, IL 00410				U.S. EPA ID Number ILD04391400			
Facility's Phone:							
8a. HM	8b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
	1. NON-HAZARDOUS LIQUID WASTE, NON-REGULATED BY D.O.T	1	TT	3975			
	2.						
	3.						
	4.						
14. Special Handling Instructions and Additional Information WOOD							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Officer's Printed/Typed Name CP Assoc. in for X				Signature CP		Month Day Year 03/27/00	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Chuce Pullips				Signature Chuce Pullips		Month Day Year 03/27/00	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number:							
18b. Alternate Facility (or Generator)				U.S. EPA ID Number			
Facility's Phone:							
18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Nick...				Signature		Month Day Year 3/29/00	

GENERATOR

TRANSPORTER INTL

DESIGNATED FACILITY

W1288623

Case print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number APPLIED FOR	2. Page 1 of	3. Emergency Response Phone 800-424-9300	4. Manifest Tracking Number 023481355 JJK	
5. Generator's Name and Mailing Address EMCO 2525 Greenfield Lane North Chicago, IL			Generator's Site Address (if different than mailing address)			
Generator's Phone:			6. Transporter 1 Company Name GFL ENVIRONMENTAL SERVICES USA INC dba FUTURE ENVIRONMENTAL		U.S. EPA ID Number ILD984831396	
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address 708-880-0400 WATER INTEGRATED TREATMENT SYSTEMS (WIT) 14753 GREENWOOD RD. DOLTON, IL 60419			U.S. EPA ID Number IL0043914209			
Facility's Phone:						
9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
	1. NON-HAZARDOUS LIQUID WASTE, NON-REGULATED BY D.O.T	1	TT	3800	G	1611B
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offoror's Printed/Typed Name X CP AGENT FOR		Signature X CP		Month Day Year 03/28/22		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Chuck Pullios		Signature Chuck Pullios		Month Day Year 03/28/22		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
18b. Alternate Facility (or Generator)				Manifest Reference Number: _____ U.S. EPA ID Number _____		
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator)						Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems).						
1.	2.	3.	4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name ESTEBAN LUJANNO		Signature Esteban Lujanno		Month Day Year 03/29/22		

W1292262

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number Applied for	2. Page 1 of	3. Emergency Response Phone 800-424-9300	4. Manifest Tracking Number 023481358 JJK	
5. Generator's Name and Mailing Address EMCO 2505 Greenfield Lane North Chicago, IL			Generator's Site Address (if different than mailing address)			
Generator's Phone:			U.S. EPA ID Number ILD984831300			
6. Transporter 1 Company Name GFL ENVIRONMENTAL SERVICES USA INC dba FUTURE ENVIRONMENTAL			U.S. EPA ID Number			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address 708-880-0400 WATER INTEGRATED TREATMENT SYSTEMS (WIT) 14753 GREENWOOD RD. DOLTON, IL 60410			U.S. EPA ID Number ILD043914200			
Facility's Phone:			U.S. EPA ID Number			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
	1. NON-HAZARDOUS LIQUID WASTE, NON-REGULATED BY D.O.T	1	TT	375	G	
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Officer's Printed/Typed Name CP Agent for X			Signature CP		Month Day Year 03/31/22	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name Carmen Pullos			Signature Carmen Pullos		Month Day Year 03/31/22	
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
18b. Alternate Facility (or Generator) WITS 4719 70th Ave Kenosha, WI			U.S. EPA ID Number 53946 W1600170068			
Facility's Phone:			U.S. EPA ID Number			
18c. Signature of Alternate Facility (or Generator)					Month Day Year 03/31/22	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1.	2.	3.	4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 19a						
Printed/Typed Name Juan Martinez			Signature Juan Martinez		Month Day Year 03/31/22	

W1242262

Please print or type.

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <i>Applied 570</i>	2. Page 1 of	3. Emergency Response Phone 800-424-9300	4. Manifest Tracking Number 023481359 JJK	
5. Generator's Name and Mailing Address <i>EMO 2525 Greenfield Lane North Chicago, IL</i>				Generator's Site Address (if different than mailing address)		
Generator's Phone:				U.S. EPA ID Number ILD004831395		
6. Transporter 1 Company Name GFL ENVIRONMENTAL SERVICES USA INC dba FUTURE ENVIRONMENTAL				U.S. EPA ID Number		
7. Transporter 2 Company Name				U.S. EPA ID Number		
8. Designated Facility Name and Site Address 708-880-0400 WATER INTEGRATED TREATMENT SYSTEMS (WIT) 14753 GREENWOOD RD. DOLTON, IL 60419				U.S. EPA ID Number ILD043914209		
Facility's Phone:						
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
	1. NON-HAZARDOUS LIQUID WASTE, NON-REGULATED BY D.O.T	1	TT	3975	G	
	2.					
	3.					
	4.					
14. Special Handling Instructions and Additional Information						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offor's Printed/Typed Name <i>CP Agent Fox</i>				Signature <i>CP</i>		Month Day Year 03/31/22
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____						
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <i>Chuck Pullos</i>				Signature <i>Chuck Pullos</i>		Month Day Year 03/31/22
Transporter 2 Printed/Typed Name				Signature		Month Day Year
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
Manifest Reference Number:						
18b. Alternate Facility (or Generator) <i>WTR WSPR Keweenaw, WI</i>				U.S. EPA ID Number WTR001170008		
Facility's Phone:						
18c. Signature of Alternate Facility (or Generator)						Month Day Year 03/31/22
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1.		2.		3.		4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name <i>James Poline</i>				Signature <i>James Poline</i>		Month Day Year 03/31/22

Please print or type.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <i>APM-02501</i>		2. Page 1 of		3. Emergency Response Phone 800-424-9300		4. Manifest Tracking Number 023481360 JJK				
		5. Generator's Name and Mailing Address <i>EMCO 2525 GREENFIELD AVE NORTH CHICAGO, IL</i>						Generator's Site Address (if different than mailing address)				
Generator's Phone:		6. Transporter 1 Company Name GFL ENVIRONMENTAL SERVICES USA INC dba FUTURE ENVIRONMENTAL						U.S. EPA ID Number IL0984831396				
		7. Transporter 2 Company Name						U.S. EPA ID Number				
8. Designated Facility Name and Site Address 708-880-0400 WATER INTEGRATED TREATMENT SYSTEMS (WIT) 14753 GREENWOOD RD. DOLTON, IL 60419								U.S. EPA ID Number IL0043914200				
Facility's Phone:												
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		1. NON-HAZARDOUS LIQUID WASTE, NON-REGULATED BY D.O.T.				No.	Type			1418		
		2.										
		3.										
		4.										
14. Special Handling Instructions and Additional Information												
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.												
Generator's/Offorer's Printed/Typed Name <i>PAgentfortix</i>						Signature <i>[Signature]</i>			Month Day Year <i>03/31/22</i>			
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____											
	17. Transporter Acknowledgment of Receipt of Materials											
TRANSPORTER	Transporter 1 Printed/Typed Name <i>Chico Pinos</i>						Signature <i>[Signature]</i>			Month Day Year <i>03/31/22</i>		
	Transporter 2 Printed/Typed Name						Signature			Month Day Year		
DESIGNATED FACILITY	18. Discrepancy											
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection											
	18b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____											
	Facility's Phone: _____											
	18c. Signature of Alternate Facility (or Generator)									Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)												
1.			2.			3.			4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a												
Printed/Typed Name <i>Vicente Garcia Flores</i>						Signature <i>[Signature]</i>			Month Day Year <i>3/31/22</i>			

print or type.

W1396752

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number 741102 FOL	2. Page 1 of	3. Emergency Response Phone 800 424-6300	4. Manifest Tracking Number 023481361 JJK
----------------------------------	--------------------------------------	--------------	---	--

5. Generator's Name and Mailing Address: EMCO 2525 ORCHARD LANE NORTH CHICAGO, IL
 Generator's Site Address (if different than mailing address):

6. Transporter 1 Company Name: GFL ENVIRONMENTAL SERVICES USA INC dba FUTURE ENVIRONMENTAL
 U.S. EPA ID Number: ILD084631396

7. Transporter 2 Company Name: _____
 U.S. EPA ID Number: _____

8. Designated Facility Name and Site Address: WATER INTEGRATED TREATMENT SYSTEMS (WIT) 14783 GREENWOOD RD. DOLTON, IL 60418
 U.S. EPA ID Number: ILD043814209
 Facility's Phone: 708-800-0400

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
	1. NON-HAZARDOUS LIQUID WASTE, NON-REGULATED BY D.O.T	1	TT	3200		IL	148
	2.						
	3.						
	4.						

14. Special Handling Instructions and Additional Information:

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offoror's Printed/Typed Name: CP Adams
 Signature: CP
 Month Day Year: 10/10/22

16. International Shipments: Import to U.S. Export from U.S.
 Port of entry/exit: _____
 Date leaving U.S.: _____

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: CLUCK PERKINS	Signature: CLUCK PERKINS	Month Day Year: 10/10/22
Transporter 2 Printed/Typed Name:	Signature:	Month Day Year:

18. Discrepancy

18a. Discrepancy Indication Space: Quantity Type Residue Partial Rejection Full Rejection

Manifest Reference Number: _____

18b. Alternate Facility (or Generator): _____
 U.S. EPA ID Number: _____
 Facility's Phone: _____

18c. Signature of Alternate Facility (or Generator): _____
 Month Day Year: _____

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
----	----	----	----

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: John Jefferson
 Signature: John Jefferson
 Month Day Year: 10/11/22

GENERATOR
INT'L
TRANSPORTER
DESIGNATED FACILITY

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone 312 761 9421	4. Manifest Tracking Number 011605041 JJK		
5. Generator's Name and Mailing Address Fair Chemical 525 Greenfield Rd North Chicago, IL 60064				Generator's Site Address (if different than mailing address)			
Generator's Phone:		6. Transporter 1 Company Name DLC			U.S. EPA ID Number W10000422353		
		7. Transporter 2 Company Name			U.S. EPA ID Number		
8. Designated Facility Name and Site Address 4777 70th Ave Kenosha, WI 53144				U.S. EPA ID Number WTR 670170068			
Facility's Phone:							
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
1.	Non Haz / non Reg by DOT Waste water	1	TT	3000	6		
2.							
3.							
4.							
14. Special Handling Instructions and Additional Information wood							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name				Signature		Month Day Year	
				X		4 5 22	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Warren Bloemers				Signature		Month Day Year	
						4 5 22	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
Manifest Reference Number: _____							
18b. Alternate Facility (or Generator) U.S. EPA ID Number							
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator)						Month Day Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name Nick J...				Signature		Month Day Year	
						4 5 22	

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone 414 761 7421	4. Manifest Tracking Number 011605042 JJK	
5. Generator's Name and Mailing Address FMC O 2525 Greenfield Ln North Chicago, IL 60064				Generator's Site Address (if different than mailing address)		
6. Transporter 1 Company Name GFL		7. Transporter 2 Company Name		U.S. EPA ID Number W10000132353		
8. Designated Facility Name and Site Address WITS 4719 70th Ave Kenosha, WI 53144				U.S. EPA ID Number WIR CDD 170068		
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
		No.	Type			
1.	Non Haz / non Reg by DOT waste water	1	TT	Max	6	
2.						
3.						
4.						
14. Special Handling Instructions and Additional Information						
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.						
Generator's/Offoror's Printed/Typed Name			Signature		Month Day Year	
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S.			Port of entry/exit: _____ Date leaving U.S.: _____			
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name			Signature		Month Day Year	
Transporter 2 Printed/Typed Name			Signature		Month Day Year	
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
18b. Alternate Facility (or Generator)				Manifest Reference Number: _____ U.S. EPA ID Number		
Facility's Phone: _____						
18c. Signature of Alternate Facility (or Generator)						Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)						
1.	2.	3.	4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a						
Printed/Typed Name			Signature		Month Day Year	

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone 414 7619421	4. Manifest Tracking Number 011605043 JJK		
5. Generator's Name and Mailing Address EMCO Chemical 2525 Greenfield Rd North Chicago, IL 60064				Generator's Site Address (if different than mailing address)			
Generator's Phone:				U.S. EPA ID Number 6116050432358			
6. Transporter 1 Company Name LFL				U.S. EPA ID Number			
7. Transporter 2 Company Name				U.S. EPA ID Number			
8. Designated Facility Name and Site Address WTR 4719 70th Ave. Kenosha, WI 53144				U.S. EPA ID Number WTR 000170068			
Facility's Phone:				U.S. EPA ID Number			
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
		No.	Type				
1.	Non Haz / Non Reg by DOT Waste water	1	TT	3000	6		
2.							
3.							
4.							
14. Special Handling Instructions and Additional Information							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offeror's Printed/Typed Name				Signature	Month	Day	Year
				X	4	6	22
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name Warren Bloemels				Signature	Month	Day	Year
					4	6	22
Transporter 2 Printed/Typed Name				Signature	Month	Day	Year
18. Discrepancy							
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
18b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number _____							
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator) Month Day Year							
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.		2.		3.		4.	
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a							
Printed/Typed Name				Signature	Month	Day	Year
					11	15	22

LEAKING UST TECHNICAL REVIEW NOTES

Reviewed by: Nathan Fox
Date Reviewed: 5/11/2022

Re: 0971255169 -- Lake County
North Chicago/EMCO Chemical Distributors,
Inc.
2525 Greenfield Lane
Leaking UST Incident 20220253
Leaking UST Technical File

Document(s) Reviewed:

45-Day Report/CACR

General Site Information:

Site subject to: 734

IEMA date(s): 03/24/2022	Payment from the Fund? (Y/N/unknown): U
UST system removed? (Y/N): Y	OSFM Fac. ID #: 2047356 OSFM Database
Encountered groundwater? (Y/N/unknown): N	SWAP mapping and evaluation completion date: 5/6/2022 Open SWAP
Free product? (Y/N/unknown): N	Site placement correct in SWAP? (Y/N): Y
Current/past land use: Vacant land/future site will be warehouse building	Inspection Required? (Date/Plan): NA
Size & product of USTs: 2-10,000-gal heating oil and 1-12,000-gal heating oil tank	
Is site located in EJ area? Y EJ Form	Is investigation of indoor inhalation exposure route required? N VI Incomplete Pathway Checklist
Has enough sampling been completed to perform a Right-to-Know Evaluation? Y RTK Form	PLA Checklist Complete? N PLA Checklist

[Database Update Worksheet \(Pink Sheet\)](#)

BOL File Information:(optional) (Arranged chronologically):

45-Day Review Notes:

- 30 cubic yards of backfill material excavated. 90 cubic yards of native soil has been excavated.
- Approximately 450 cubic yards of soil and concrete were excavated from this site to Zion Landfill.
- There are currently 4 current/historical wells located within 2,500 feet of site, however they are not located within the setback zone for wells.
- S-BF was the backfill sample, taken on 3/24/22.
- Soil samples S-1 through S-8 were sampled on 3/24/22.
 - Soil samples S-9 and S-10 were sampled on 4/1/22.
 - Soil samples S-11 through S-17 were sampled on 4/6/22.

Page 2

- Tier 1 soil remediation objectives for residential land use and Class I Groundwater were exceeded by samples S-1, S-6, S-8.
 - The resulting walls were resampled for BETX and PNAs. No concentrations for BETX or PNAs were above TACO Tier 1 SROs in these samples.
 - On April 6th soil sample S-1, S-6, and S-8 locations were excavated. Approx. 120 cubic yards of contaminated soil were transported to Zion for disposal.
- USTs were removed on March 24th and April 5th.
- The excavation was backfilled with imported crushed stone.
- Maximum depth of excavation was 13 feet.
- Two soil samples were obtained for the floor of the excavation beneath each UST (S-9 through S-14).
 - Eight wall samples were obtained (S-1 through S-8)
 - One backfill sample (S-BF)
- The UST excavation measured approximately 65 feet from North to South, approx. 20 feet east to west, and approx. 13 feet in depth.
- Reason for exponential amount of water removed from site was because of following problems at site according to consultant:
 - Following up on this after speaking with my field personnel, it appears the downspout from the east adjacent building was discharging right into the area where the tanks were being removed which added an immense amount of water to the excavation. Also, apparently the water line that is to the east of the excavation had been leaking for some time. The owner had a plumber repair the line which finally stopped the infiltration of water. I believe these are the reasons for so much water being pumped there.
- 6/8/22 - Questioned consultant about backfill sample and this was the response:
 - As the tank removals progressed the backfill material was removed along with the remainder of the concrete tanks. No backfill was returned to the excavations. Nick.
- Stage 1 Groundwater investigation is needed next per Brian's request.
- 7/13/22 - EPS (Nick Cuzzone is Consultant), said client is wanting to appeal the requirement for groundwater investigation.
 - Thompson Coburn out of St. Louis appeal.

Illinois EPA Decision:

Approve

Response Due:

8/23/2022

Leaking UST Database Update Worksheet

*Red Fields denote required data

Electronic Filing Received, Clerk's Office 10/27/2022

Incident(s): **20220253**

BL_ID/(LPC)#: IEMA Date: PM: **Fox**

PRP: Attn:

PRP Address: PRP Phone:

PRP City: PRP State: PRP Zip:

Site Name: **EMCO Chemical Distributors, Inc.**

Site Address:

Site City: Site Zip:

Consultant: **EPS Environmental Services, Inc.**

Database Comments:

Form Comments:

Would you please add stage 1 plan and budget to title xvi list.

- Heating Oil Letter
- Non-Lust Letter
- Pre-74 Letter
- NFR Reissued

If a Heating Oil or NFR Letter was sent, were ALL tanks associated with this incident heating oil tanks?

Yes - Heating Oil Only- (Not Federally Regulated)
Date: **05/11/22**

No

Does this letter achieve closure for ALL tanks associated with this incident? Yes, Incident Closed No

EJ Status* **Both (Red)** EJ Memo Date **05/11/22**

*Ej Status is only reviewed upon submission of a CAP or CACR.

Title XVI Report Type	Received	Decision	PLA	RTK Status	RTK Date	Field Notification Required
45 DAY	04/25/22	APR	<input type="checkbox"/>	Reviewed-Not Referred	05/11/22	<input type="checkbox"/>
CACR	04/25/22	DEN	<input type="checkbox"/>	Reviewed-Referred	05/11/22	<input type="checkbox"/>
STAGE 1 SIP	06/08/22	APR	<input type="checkbox"/>	Reviewed-Not Referred	06/08/22	<input checked="" type="checkbox"/>
STAGE 1 PROPOSED BUDGET	06/08/22	APR	<input type="checkbox"/>	Reviewed-Not Referred	06/08/22	<input type="checkbox"/>
No Entry			<input type="checkbox"/>	Not Reviewed		<input type="checkbox"/>

Is this an NFR? Yes No

Letter Date:

(For Tonya's Use Only)

Manager Approval:

(Initials)

General Event Type	Received	RTK Status	RTK Date
No Entry		Not Reviewed	
No Entry		Not Reviewed	



1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276 • (217) 782-3397

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: Nathan Fox	Generator #: 0971255169	County: Lake
Date Reviewed: 5/11/2022	Incident #: 20220253	City: North Chicago
	Site Name: EMCO Chemical Distributors , Inc.	
	Site Address: 2525 Greenfield Lane	
	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 **Electronic Filing: Received, Clerk's Office 10/27/2022**

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

Electronic Filing: Received, Clerk's Office 10/27/2022

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."

North Chicago/EMCO Chemical Distributors, Inc.
2525 Greenfield Lane
Leaking UST Incident 20220253
Leaking UST Technical File

Please check all criteria that apply:

Criteria

- Measured or modeled groundwater contamination from the site where the release occurred (including the impact from soil contamination in concentrations exceeding the applicable remediation objectives for the soil component of the groundwater ingestion exposure route) exceeds Class I groundwater quality standards specified in 35 Ill. Adm. Code Part 620 or Tier 1, Class I groundwater remediation objectives specified in 35 Ill. Adm. Code Part 742 ("TACO") within the setback zone or regulated recharge area of a community water system (CWS) well, or within the setback zone of a private, semi-private, or non-CWS well;
 - Five or fewer properties/potable supply wells More than five properties/potable supply wells

- Measured off-site groundwater or soil gas contamination from *volatile chemicals* (as defined in 35 Ill. Adm. Code Part 1600.110) from the site where the release occurred poses a threat of indoor inhalation exposure above the appropriate TACO Tier 1 remediation objectives for the current use of the off-site property^{(a)(b)};
 - Five or fewer properties More than five properties

- Off-site soil contamination from the site where the release occurred poses a threat of exposure above the appropriate TACO Tier 1 remediation objectives based on the current use of the off-site property^{(a)(b)};
 - Five or fewer properties More than five properties

- The Agency refers a matter for enforcement under Section 43(a) of the Act: In circumstances of substantial danger to the environment or public health, the State's Attorney or Attorney General, upon request of the Agency or on their own motion, may institute a civil action for an immediate injunction to halt any discharge or other activity causing or contributing to the danger or to require such other action as may be necessary;

- The Agency issues a seal order under Section 34 of the Act: Upon a finding that episode or emergency conditions specified in Board regulations exist, the Agency shall declare such alerts or emergencies as provided by those regulations. While such an alert or emergency is in effect, the Agency may seal any equipment, vehicle, vessel, aircraft, or other facility operated in violation of such regulations; or

- The Agency, the USEPA, or a third party under Agency or USEPA oversight performs an immediate/emergency removal under the federal Comprehensive Environmental Response, Compensation, and Liability Act.
 - (a) Contamination beneath a publicly owned roadway or alleyway in which a Highway Authority Agreement (HAA) or a HAA Memorandum of Agreement (HAA MOA) is necessary pursuant to 35 Ill. Adm. Code Part 742.1020 should not be considered when making this determination.
 - (b) The construction worker population is the only population that requires evaluation with respect to contamination beneath a publicly owned roadway or alleyway.

Summary

- None of the above criteria are met and the above-identified site does not warrant further evaluation.

- At least one of the above criteria is met and the subject site must be further evaluated: Please submit a Contaminant Evaluation Group (CEG) Referral Memorandum to the RTK Coordinator in the Office of Community Relations along with this RTK Evaluation Form.

USEPA-DIVISION OF RECORDS MANAGEMENT
RELEASABLE

Project Manager Signature: Nathan Fox

Date: 5/11/2022

JUL 14 2022

REVIEWER: SAB

AR000167

0971255169 - Lake County
EMCO Chemical Distributors, Inc.
Incident #20220253
Leaking UST Technical
form

Fox, Nathan D.

From: Nick Cuzzone <NCuzzone@epsenvironmental.com>
Sent: Wednesday, May 11, 2022 11:24 AM
To: Fox, Nathan D.
Subject: [External] RE: LUST Incident #20220253 - EMCO Chemical Distributors, Inc.
Attachments: 2525 Greenfield Lane North Chicago 45-Day CACR.pdf

No problem Nathan, the report is attached.

Nick Cuzzone

Nicholas J. Cuzzone, P.E.
President
Senior Project Engineer
ncuzzone@epsenv.com



EPS Environmental Services, Inc.
7237 West Devon Avenue
Chicago, Illinois 60631
tel. 773.792.3090
fax. 773.792.3091
www.epsenv.com

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From: Fox, Nathan D. <Nathan.D.Fox@Illinois.gov>
Sent: Wednesday, May 11, 2022 11:11 AM
To: Nick Cuzzone <NCuzzone@epsenvironmental.com>
Subject: LUST Incident #20220253 - EMCO Chemical Distributors, Inc.

You don't often get email from nathan.d.fox@illinois.gov. [Learn why this is important](#)

Hey Nicholas,

I have been assigned the project manager for this LUST incident and I was wondering if I could get you to send an electronic copy of the 45-day/CACR to my email. Thanks

Nathan Fox

Environmental Protection Specialist I - IEPA

(217) 524-1663

Bureau of Land/Leaking Underground Storage Tank

www.epa.illinois.gov



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Fox, Nathan D.

From: Nick Cuzzone <NCuzzone@epsenvironmental.com>
Sent: Friday, May 27, 2022 7:41 AM
To: Fox, Nathan D.
Cc: Sam Bodine; Chris Lewis
Subject: [External] RE: LUST Incident #20220253 - EMCO Chemical Distributors, Inc.

Follow Up Flag: Follow up
Flag Status: Completed

Nathan:

Following up on this after speaking with my field personnel, it appears the downspout from the east adjacent building was discharging right into the area where the tanks were being removed which added an immense amount of water to the excavation. Also, apparently the water line that is to the east of the excavation had been leaking for some time. The owner had a plumber repair the line which finally stopped the infiltration of water. I believe these are the reasons for so much water being pumped there.

Nick Cuzzone

Nicholas J. Cuzzone, P.E.
President
Senior Project Engineer
ncuzzone@epsenv.com



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From: Fox, Nathan D. <Nathan.D.Fox@Illinois.gov>
Sent: Thursday, May 19, 2022 9:29 AM
To: Nick Cuzzone <NCuzzone@epsenvironmental.com>
Subject: LUST Incident #20220253 - EMCO Chemical Distributors, Inc.

You don't often get email from nathan.d.fox@illinois.gov. [Learn why this is important](#)

Hey Nicholas,

Just have a quick question regarding the 45-Day Report. My question is about the continual water in the excavation over that timeframe and if you would be amenable to installing a source well? We took a look at the weather for that area in late March/early April and there was some precipitation but it doesn't look like enough to contribute to the continual pumping of water from the excavation. Lake County uses a lot of wells and there was contamination in the excavation over the soil component so could you please further explain the water satisfactorily to see if you will need to investigate. We are trying to find out if you encountered groundwater or not.

Nathan Fox
Environmental Protection Specialist I - IEPA
(217) 524-1663
Bureau of Land/Leaking Underground Storage Tank
www.epa.illinois.gov



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Fox, Nathan D.

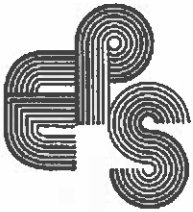
From: Nick Cuzzone <NCuzzone@epsenvironmental.com>
Sent: Wednesday, June 8, 2022 9:30 AM
To: Fox, Nathan D.
Subject: [External] RE: LUST Incident #20220253 - EMCO Chemical Distributors, Inc.

Nathan:

As the tank removals progressed the backfill material was removed along with the remainder of the concrete tanks. No backfill was returned to the excavations

Nick

Nicholas J. Cuzzone, P.E.
President
Senior Project Engineer
ncuzzone@epsenv.com



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From: Fox, Nathan D. <Nathan.D.Fox@Illinois.gov>
Sent: Tuesday, June 7, 2022 2:44 PM
To: Nick Cuzzone <NCuzzone@epsenvironmental.com>
Subject: LUST Incident #20220253 - EMCO Chemical Distributors, Inc.

Hey Nicholas,

I have a quick question regarding the backfill for this site. It appears that most of the backfill was returned to the excavation. Per 734.210(h)(D), if backfill is returned to the excavation one sample must be collected for each 100 cubic yards of backfill returned to the excavation. There are some contradicting values for the volume of soil excavated from the site. One part of the report shows that 30 cubic yards were excavated of backfill material and 90 cubic yards of native soil. Then further in the report it shows approximately 450 cubic yards of soil and concrete were excavated from the tank location. If any of the backfill is returned to the site there must be one backfill sample per 100 cubic yards of backfill. Just let me know with your response at your earliest convenience.

Thanks,

Nathan Fox

Environmental Protection Specialist I - IEPA

(217) 524-1663

Bureau of Land/Leaking Underground Storage Tank

www.epa.illinois.gov



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Nick Cuzzone

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Senior Project Engineer
ncuzzone@epsenv.com



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From: Fox, Nathan D. <Nathan.D.Fox@Illinois.gov>
Sent: Wednesday, June 15, 2022 2:13 PM
To: Nick Cuzzone <NCuzzone@epsenvironmental.com>
Subject: RE: LUST Incident #20220253

I forgot to send this decision as well my bad. Attaching now.

Nathan Fox
Environmental Protection Specialist I - IEPA
(217) 524-1663
Bureau of Land/Leaking Underground Storage Tank
www.epa.illinois.gov



From: Fox, Nathan D.
Sent: Wednesday, June 15, 2022 2:11 PM
To: ncuzzone@epsenv.com
Subject: LUST Incident #20220253

Hey Nicholas,

The Illinois EPA has made the following decision on the following LUST site and I am forwarding you their decision. If you have any questions let me know.

Thanks,

Nathan Fox
Environmental Protection Specialist I - IEPA
(217) 524-1663
Bureau of Land/Leaking Underground Storage Tank
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Fox, Nathan D.

From: Nick Cuzzone <NCuzzone@epsenvironmental.com>
Sent: Tuesday, July 12, 2022 2:59 PM
To: Fox, Nathan D.
Subject: [External] RE: LUST Incident #20220253

Follow Up Flag: Follow up
Flag Status: Completed

Nathan:

My client would like to appeal the requirement for a groundwater investigation. What is the process to do that?

Nick Cuzzone

Nicholas J. Cuzzone, P.E.
President
Senior Project Engineer
ncuzzone@epsenv.com



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Sent: Wednesday, June 15, 2022 2:13 PM

To: Nick Cuzzone <NCuzzone@epsenvironmental.com>
Subject: RE: LUST Incident #20220253

I forgot to send this decision as well my bad. Attaching now.

Nathan Fox
Environmental Protection Specialist I - IEPA
(217) 524-1663
Bureau of Land/Leaking Underground Storage Tank
www.epa.illinois.gov



From: Fox, Nathan D.
Sent: Wednesday, June 15, 2022 2:11 PM
To: ncuzzone@epsenv.com
Subject: LUST Incident #20220253

Hey Nicholas,

The Illinois EPA has made the following decision on the following LUST site and I am forwarding you their decision. If you have any questions let me know.

Thanks,

Nathan Fox
Environmental Protection Specialist I - IEPA
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Fox, Nathan D.

From: Nick Cuzzone <NCuzzone@epsenvironmental.com>
Sent: Wednesday, July 13, 2022 11:03 AM
To: Fox, Nathan D.
Subject: [External] RE: LUST Incident #20220253

Follow Up Flag: Follow up
Flag Status: Completed

Thanks Nathan!

Nicholas J. Cuzzone, P.E.
President
Senior Project Engineer
ncuzzone@epsenv.com



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From: Fox, Nathan D. <Nathan.D.Fox@Illinois.gov>
Sent: Wednesday, July 13, 2022 11:02 AM
To: Nick Cuzzone <NCuzzone@epsenvironmental.com>
Cc: Bauer, Brian P. <Brian.Bauer@Illinois.gov>
Subject: RE: LUST Incident #20220253

Hey Nick,

Per the Appeal rights at the bottom of the 45-day/Early CACR letter there are two routes you can go. I have listed the routes below:

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

Nathan Fox
Environmental Protection Specialist I - IEPA
(217) 524-1663
Bureau of Land/Leaking Underground Storage Tank
www.epa.illinois.gov



From: Nick Cuzzone <NCuzzone@epsenvironmental.com>
Sent: Tuesday, July 12, 2022 2:59 PM
To: Fox, Nathan D. <Nathan.D.Fox@Illinois.gov>
Subject: [External] RE: LUST Incident #20220253

Nathan:

My client would like to appeal the requirement for a groundwater investigation. What is the process to do that?

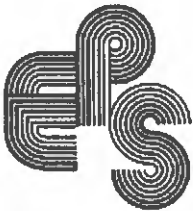
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Follow Up Flag: Follow up
Flag Status: Completed

Thanks Nathan!

Nicholas J. Cuzzone, P.E.
President
Senior Project Engineer
ncuzzone@epsenv.com



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(217) 782-5544

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(217) 524-1663
Bureau of Land/Leaking Underground Storage Tank
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Nathan:

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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

JUN 16 2022

7011 1150 0001 0855 0489

BJ Korman
EMCO Chemical Distributors, Inc.
8601 95th Street
Pleasant Prairie, WI 53158

Re: 0971255169 -- Lake County
North Chicago/EMCO Chemical Distributors, Inc.
2525 Greenfield Lane
Leaking UST Incident 20220253
Leaking UST Technical File

Dear Mr. Korman:

The Illinois Environmental Protection Agency (Illinois EPA) has reviewed the 45-Day Report (report) for the above-referenced incident. The report, dated April 20, 2022, was received by the Illinois EPA on April 25, 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 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.

The Stage 1 Site Investigation Plan must be conducted in accordance with 35 Ill. Adm. Code 734.315. The budget, if applicable, is approved, and costs must not exceed the amounts set forth in 35 Ill. Adm. Code 734.Subpart H, Appendix D, and Appendix E. Please be advised that, if you do not meet the eligibility requirements as determined by the Office of the State Fire Marshal, you may not be entitled to payment from the Underground Storage Tank Fund for costs incurred. You must proceed with the Stage 1 site investigation in accordance with 35 Ill. Adm. Code 734.315.

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.

The Illinois EPA requires that the owner or operator submit a site investigation plan and budget for the Stage 1 site investigation within 90 days of the date of this letter pursuant to Sections 57.7(a) and 57.12(c) and (d) of the Act and 35 Ill. Adm. Code 734.305. Please note that the

Page 2

Illinois EPA does not require the submission of a budget if the owner or operator does not intend to seek payment from the Underground Storage Tank Fund.

This action does not constitute any decision or determination regarding the timeliness of the submittal of the report. This decision does not waive or otherwise preclude any enforcement action the Illinois EPA may initiate in response to any apparent violation of timely submittal requirements.


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 at (217) 524-1663 or at nathan.d.fox@illinois.gov.

Sincerely,



Nathan Fox
Project Manager
Leaking Underground Storage Tank Section
Bureau of Land

 Attachment: Appeal Rights

c: Nicholas J. Cuzzone, EPS Environmental Services, Inc. (electronic copy),
ncuzzone@epsenv.com
BOL File

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:

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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



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JB PRITZKER, GOVERNOR

JOHN J. KIM, DIRECTOR

(217) 524-3300

CERTIFIED MAIL

7011 1150 0001 0855 0472

JUN 16 2022

BJ Korman
EMCO Chemical Distributors, Inc.
8601 95th Street
Pleasant Prairie, WI 53158

Re: 0971255169 -- Lake County
North Chicago/EMCO Chemical Distributors, Inc.
2525 Greenfield Lane
Leaking UST Incident 20220253
Leaking UST Technical File

Dear Mr. Korman:

The Illinois Environmental Protection Agency (Illinois EPA) has reviewed the Corrective Action Completion Report (report) submitted pursuant to Section 57.6 of the Environmental Protection Act (415 ILCS 5) (Act) and 35 Illinois Administrative Code (35 Ill. Adm. Code) 734.Subpart B. The report, dated April 20, 2022, was received by the Illinois EPA on April 25, 2022.

Pursuant to Section 57.7(c) of the Act and 35 Ill. Adm. Code 734.505(b) and 734.510(a), the Illinois EPA hereby notifies the owner or operator that the report is rejected for the reason(s) described below:

The Illinois EPA is requiring a Stage 1 groundwater investigation due to the continued presence of groundwater in the excavation, per (734.210(h)(4)(C)).

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 at (217) 524-1663 or at nathan.d.fox@illinois.gov.

Sincerely,

Nathan Fox
Project Manager
Leaking Underground Storage Tank Section
Bureau of Land

Attachment: Appeal Rights

c: Nicholas J. Cuzzone, EPS Environmental Services, Inc. (electronic copy), ncuzzone@epsenv.com
BOL File

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(217) 782-5544

0971255169 - Lake County
EMCO Chemical Distributors, Inc.
Incident #20220253
Leaking UST Technical
Form

Fox, Nathan D.

From: Nick Cuzzone <NCuzzone@epsenvironmental.com>
Sent: Wednesday, May 11, 2022 11:24 AM
To: Fox, Nathan D.
Subject: [External] RE: LUST Incident #20220253 - EMCO Chemical Distributors, Inc.
Attachments: 2525 Greenfield Lane North Chicago 45-Day CACR.pdf

No problem Nathan, the report is attached.

Nick Cuzzone

Nicholas J. Cuzzone, P.E.
President
Senior Project Engineer
ncuzzone@epsenv.com



EPS Environmental Services, Inc.
7237 West Devon Avenue
Chicago, Illinois 60631
tel. 773.792.3090
fax. 773.792.3091
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From: Fox, Nathan D. <Nathan.D.Fox@Illinois.gov>
Sent: Wednesday, May 11, 2022 11:11 AM
To: Nick Cuzzone <NCuzzone@epsenvironmental.com>
Subject: LUST Incident #20220253 - EMCO Chemical Distributors, Inc.

You don't often get email from nathan.d.fox@illinois.gov. [Learn why this is important](#)

Hey Nicholas,

I have been assigned the project manager for this LUST incident and I was wondering if I could get you to send an electronic copy of the 45-day/CACR to my email. Thanks

Nathan Fox

Environmental Protection Specialist I - IEPA

(217) 524-1663

Bureau of Land/Leaking Underground Storage Tank

www.epa.illinois.gov



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Fox, Nathan D.

From: Nick Cuzzone <NCuzzone@epsenvironmental.com>
Sent: Friday, May 27, 2022 7:41 AM
To: Fox, Nathan D.
Cc: Sam Bodine; Chris Lewis
Subject: [External] RE: LUST Incident #20220253 - EMCO Chemical Distributors, Inc.

Follow Up Flag: Follow up
Flag Status: Completed

Nathan:

Following up on this after speaking with my field personnel, it appears the downspout from the east adjacent building was discharging right into the area where the tanks were being removed which added an immense amount of water to the excavation. Also, apparently the water line that is to the east of the excavation had been leaking for some time. The owner had a plumber repair the line which finally stopped the infiltration of water. I believe these are the reasons for so much water being pumped there.

Nick Cuzzone

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From: Fox, Nathan D. <Nathan.D.Fox@Illinois.gov>
Sent: Thursday, May 19, 2022 9:29 AM
To: Nick Cuzzone <NCuzzone@epsenvironmental.com>
Subject: LUST Incident #20220253 - EMCO Chemical Distributors, Inc.

You don't often get email from nathan.d.fox@illinois.gov. [Learn why this is important](#)

Hey Nicholas,

Just have a quick question regarding the 45-Day Report. My question is about the continual water in the excavation over that timeframe and if you would be amenable to installing a source well? We took a look at the weather for that area in late March/early April and there was some precipitation but it doesn't look like enough to contribute to the continual pumping of water from the excavation. Lake County uses a lot of wells and there was contamination in the excavation over the soil component so could you please further explain the water satisfactorily to see if you will need to investigate. We are trying to find out if you encountered groundwater or not.

Nathan Fox
Environmental Protection Specialist I - IEPA
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Bureau of Land/Leaking Underground Storage Tank
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Fox, Nathan D.

From: Nick Cuzzone <NCuzzone@epsenvironmental.com>
Sent: Wednesday, June 8, 2022 9:30 AM
To: Fox, Nathan D.
Subject: [External] RE: LUST Incident #20220253 - EMCO Chemical Distributors, Inc.

Nathan:

As the tank removals progressed the backfill material was removed along with the remainder of the concrete tanks. No backfill was returned to the excavations

Nick

Nicholas J. Cuzzone, P.E.
President
Senior Project Engineer
ncuzzone@epsenv.com



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From: Fox, Nathan D. <Nathan.D.Fox@Illinois.gov>
Sent: Tuesday, June 7, 2022 2:44 PM
To: Nick Cuzzone <NCuzzone@epsenvironmental.com>
Subject: LUST Incident #20220253 - EMCO Chemical Distributors, Inc.

Hey Nicholas,

I have a quick question regarding the backfill for this site. It appears that most of the backfill was returned to the excavation. Per 734.210(h)(D), if backfill is returned to the excavation one sample must be collected for each 100 cubic yards of backfill returned to the excavation. There are some contradicting values for the volume of soil excavated from the site. One part of the report shows that 30 cubic yards were excavated of backfill material and 90 cubic yards of native soil. Then further in the report it shows approximately 450 cubic yards of soil and concrete were excavated from the tank location. If any of the backfill is returned to the site there must be one backfill sample per 100 cubic yards of backfill. Just let me know with your response at your earliest convenience.

Thanks,

Nathan Fox

Environmental Protection Specialist I - IEPA

(217) 524-1663

Bureau of Land/Leaking Underground Storage Tank

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Nick Cuzzone

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From: Fox, Nathan D. <Nathan.D.Fox@Illinois.gov>
Sent: Wednesday, June 15, 2022 2:13 PM
To: Nick Cuzzone <NCuzzone@epsenvironmental.com>
Subject: RE: LUST Incident #20220253

I forgot to send this decision as well my bad. Attaching now.

Nathan Fox
Environmental Protection Specialist I - IEPA
(217) 524-1663
Bureau of Land/Leaking Underground Storage Tank
www.epa.illinois.gov



Electronic Filing: Received, Clerk's Office 10/27/2022

From: Fox, Nathan D.

Sent: Wednesday, June 15, 2022 2:11 PM

To: ncuzzone@epsenv.com

Subject: LUST Incident #20220253

Hey Nicholas,

The Illinois EPA has made the following decision on the following LUST site and I am forwarding you their decision. If you have any questions let me know.

Thanks,

Nathan Fox

Environmental Protection Specialist I - IEPA

(217) 524-1663

Bureau of Land/Leaking Underground Storage Tank

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Fox, Nathan D.

From: Nick Cuzzone <NCuzzone@epsenvironmental.com>
Sent: Tuesday, July 12, 2022 2:59 PM
To: Fox, Nathan D.
Subject: [External] RE: LUST Incident #20220253

Follow Up Flag: Follow up
Flag Status: Completed

Nathan:

My client would like to appeal the requirement for a groundwater investigation. What is the process to do that?

Nick Cuzzone

Nicholas J. Cuzzone, P.E.
President
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ncuzzone@epsenv.com



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From: Fox, Nathan D. <Nathan.D.Fox@Illinois.gov>
Sent: Wednesday, June 15, 2022 2:13 PM

Electronic Filing: Received, Clerk's Office 10/27/2022

To: Nick Cuzzone <NCuzzone@epsenvironmental.com>

Subject: RE: LUST Incident #20220253

I forgot to send this decision as well my bad. Attaching now.

Nathan Fox

Environmental Protection Specialist I - IEPA

(217) 524-1663

Bureau of Land/Leaking Underground Storage Tank

www.epa.illinois.gov



From: Fox, Nathan D.

Sent: Wednesday, June 15, 2022 2:11 PM

To: ncuzzone@epsenv.com

Subject: LUST Incident #20220253

Hey Nicholas,

The Illinois EPA has made the following decision on the following LUST site and I am forwarding you their decision. If you have any questions let me know.

Thanks,

Nathan Fox

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Fox, Nathan D.

From: Nick Cuzzone <NCuzzone@epsenvironmental.com>
Sent: Wednesday, July 13, 2022 11:03 AM
To: Fox, Nathan D.
Subject: [External] RE: LUST Incident #20220253

Follow Up Flag: Follow up
Flag Status: Completed

Thanks Nathan!

Nicholas J. Cuzzone, P.E.
President
Senior Project Engineer
ncuzzone@epsenv.com



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From: Fox, Nathan D. <Nathan.D.Fox@Illinois.gov>
Sent: Wednesday, July 13, 2022 11:02 AM
To: Nick Cuzzone <NCuzzone@epsenvironmental.com>
Cc: Bauer, Brian P. <Brian.Bauer@Illinois.gov>
Subject: RE: LUST Incident #20220253

Hey Nick,

Per the Appeal rights at the bottom of the 45-day/Early CACR letter there are two routes you can go. I have listed the routes below:

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

Nathan Fox
Environmental Protection Specialist I - IEPA
(217) 524-1663
Bureau of Land/Leaking Underground Storage Tank
www.epa.illinois.gov



From: Nick Cuzzone <NCuzzone@epsenvironmental.com>
Sent: Tuesday, July 12, 2022 2:59 PM
To: Fox, Nathan D. <Nathan.D.Fox@Illinois.gov>
Subject: [External] RE: LUST Incident #20220253

Nathan:

My client would like to appeal the requirement for a groundwater investigation. What is the process to do that?

Division of Petroleum & Chemical Safety

[Print Detail Page](#) [Export to Excel](#) [Last Search Page](#)

[Pay Tank Fees Online](#)

Facility Details

Facility Number:	2047356
Status:	Exempt
Facility Name:	Industrial
Address:	2525 Greenfield Lane North Chicago, IL 60064
County:	Lake
Property Parcel:	
Facility Type:	Industrial / Manufacturing
Owner Type:	Private
Green Tag Decal:	
Green Tag Issue Date:	
Green Tag Expiration Date:	

Owner Details

Owner Name:	EMCO Chemical Distributors, Inc.
Owner Address:	8601 95th Street Pleasant Prairie, WI 53158
Owner Status:	Current Owner
Purchase Date:	
Type of Financial Responsibility:	
Financial Responsibility Reporting Due Date:	

Motor Fuel Dispensing Permits

No MFD Permits Found

Owner Summary

[Click for Facility/Tank Ownership history](#)

Owner Number	Owner Name	Owner Status	Purchase Date
U0040404	EMCO Chemical Distributors, Inc.	Current Owner	

Permits (Unexpired)

[Click for permit history](#)

No Active Permits Found

Deficiencies (Current)

No Deficiencies Found

IEMA Numbers Associated with the Facility

IEMA Number	Inspection Date	Inspection Type	Permit Number
2022-0253	4/5/2022	Removal Log	01393-2021REM
22-0253	3/31/2022	Removal Log	01393-2021REM

U.S.T. Fund Eligibility and Deductibility Determinations

No Applications Found

Tank Information

[Pay Tank Fees Online](#)

Tank Number	Capacity	Product	Status	Regulated Status	Red Tag Issued	Fee Due	Abandon/Removal Date
1	12000	Unknown	Removed	Exempt		\$0.00	03/31/2022 - REM
2	10000	Heating Oil	Removed	Exempt		\$0.00	04/05/2022 - REM
3	10000	Heating Oil	Removed	Exempt		\$0.00	04/05/2022 - REM

Dispenser Information