

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

BEELINE PROPERTIES, LLC,)	
)	
Petitioner,)	
)	
v.)	PCB 2024-074
)	(LUST Appeal)
ILLINOIS ENVIRONMENTAL)	
PROTECTION AGENCY,)	
Respondent.)	

NOTICE

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

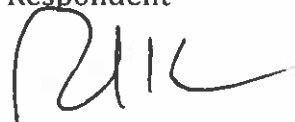
Carol Webb, Hearing Officer
Illinois Pollution Control Board
1021 North Grand Avenue East
P.O. Box 19274
Springfield, IL 62794-9274
carol.webb@illinois.gov

Stephen F. Hedinger, of Counsel
Sorling Northrup
1 North Old State Capitol Plaza, Suite 200
P.O. Box 5131
Springfield, IL 62705
sfhedinger@sorlinglaw.com

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

Respectfully submitted,

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY,
Respondent



Rich Kim
Assistant Counsel - Division of Legal Counsel
Special Assistant Attorney General
1021 North Grand Avenue, East
P.O. Box 19276
Springfield, Illinois 62794-9276
217/782-5544
866/273-5488 (TDD)
Dated: September 18, 2024

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

BEELINE PROPERTIES, LLC,)	
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Petitioner,)	
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v.)	PCB 2024-074
)	(LUST Appeal)
ILLINOIS ENVIRONMENTAL)	
PROTECTION AGENCY,)	
Respondent.)	

APPEARANCE

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

Respectfully submitted,

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY,
Respondent



Rich Kim
Assistant Counsel - Division of Legal Counsel
Special Assistant Attorney General
1021 North Grand Avenue, East
P.O. Box 19276
Springfield, Illinois 62794-9276
217/782-5544
866/273-5488 (TDD)
richard.kim@illinois.gov
Dated: September 18, 2024

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

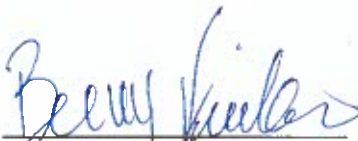
BEELINE PROPERTIES, LLC,)
)
 Petitioner,)
)
 v.) PCB 2024-074
) (LUST Appeal)
 ILLINOIS ENVIRONMENTAL)
 PROTECTION AGENCY,)
 Respondent.)

CERTIFICATE OF RECORD ON APPEAL

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

PAGES	DOCUMENT(S)	DATE
AR000001-AR000262	HP Corrective Action Plan/Budget	June 27, 2008
AR000263-AR000350	Claim 53257/IEPA payment letter	July 7, 2008
AR000351-AR000355	HP CAP/Budget approval letter	August 20, 2008
AR000356-AR000431	Claim 54643/IEPA payment letter	October 21, 2008
AR000432-AR000500	Claim 56098	January 27, 2009
AR000501-AR000509	Voucher and internal tracking sheet	May 13, 2009
AR000510-AR000513	IEPA payment letter	May 15, 2009
AR000514-AR000517	Election to Proceed letter/form	December 28, 2022
AR000518-AR000521	IEPA notice to owner of release	January 5, 2023
AR000522-AR000523	IEPA Election to Proceed letter	January 23, 2023
AR000524	Field work email from PEI	July 24, 2023
AR000525-AR000664	PEI Status Report	November 7, 2023
AR000665-AR000706	Claim 74387	December 8, 2023
AR000707-AR000712	Voucher, tracking sheet and emails	April 5, 2024
AR000713-AR000718	IEPA final decision letter	April 11, 2024

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

By: 

Becky Fiedler
Leaking Underground Storage Tank Section
Illinois Environmental Protection Agency

Date: September 17, 2024

I, the undersigned attorney at law, hereby certify that on **September 18, 2024**, I served true and correct copies of an **APPEARANCE**, the **ADMINISTRATIVE RECORD**, and a **CERTIFICATE OF RECORD ON APPEAL**, via the Board's COOL system and email, upon the following named persons:

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

Carol Webb, Hearing Officer
Illinois Pollution Control Board
1021 North Grand Avenue East
P.O. Box 19274
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1 North Old State Capitol Plaza, Suite 200
P.O. Box 5131
Springfield, IL 62705
sfhedinger@sorlinglaw.com

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY,
Respondent



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

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Electronic Filing: Received, Clerk's Office 09/18/2024

*167-203337 - Sangamon
Illinois Ayers Oil Co.*

Checked

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SECURITY DESK

HP-Extent Corrective Action Plan & Budget

Illinois Ayers Oil Company
167-1203337 - Sangamon County
430 Stanford Avenue - Springfield, IL.

INCIDENT #991372

Prepared for:
Illinois Ayers Oil Company
Highway 24 & Interstate 172 Junction
P.O. Box 772
Quincy, IL. 62306

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CSD ENVIRONMENTAL SERVICES, INC.

SPRINGFIELD OFFICE: 2220 Yale Boulevard • Springfield, Illinois 62703 • (217) 522-4085 • Fax (217) 522-4087

CENTRALIA OFFICE: 201 East 3rd Street • Centralia, Illinois 62801 • (618) 533-5953 • Fax (618) 533-8500

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 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 5/57.17). This form has been approved by the Forms Management Center.

**Illinois Environmental Protection Agency
Leaking Underground Storage Tank Program
Corrective Action Plan**

A. Site Identification

IEMA Incident # (6- or 8-digit): 991372 IEPA LPC# (10-digit): 1671203337
Site Name: Illinois Ayers Oil Company - Ayerco #14 Stanford
Site Address (Not a P.O. Box): 430 Stanford Avenue
City: Springfield County: Sangamon ZIP Code: 62703
Leaking UST Technical File

B. Site Information

1. Will the owner or operator seek reimbursement from the Underground Storage Tank Fund? Yes No
2. If yes, is the budget attached? Yes No
3. Is this an amended plan? Yes No
4. Identify the material(s) released: Gasoline & Diesel Fuel
5. This Corrective Action Plan is submitted pursuant to:
 - a. 35 Ill. Adm. Code 731.166
 - The material released was:
 - petroleum
 - hazardous substance (see Environmental Protection Act Section 3.215)
 - b. 35 Ill. Adm. Code 732.404
 - c. 35 Ill. Adm. Code 734.335

C. Proposed Methods of Remediation

1. Soil N/A, further definition of extent being proposed
2. Groundwater N/A, further definition of extent being proposed

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D. Soil and Groundwater Investigation Results (for incidents subject to 35 Ill. Adm. Code 731 only or 732 that were classified using Method One or Two, if not previously provided)

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Provide the following:

1. Description of investigation activities performed to define the extents of soil and/or groundwater contamination;
2. Analytical results, chain-of-custody forms, and laboratory certifications;

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3. Tables comparing analytical results to applicable remediation objectives;
4. Boring logs;
5. Monitoring well logs; and
6. Site maps meeting the requirements of 35 Ill. Adm. Code 732.110(a) or 734.440 and showing:
 - a. Soil sample locations;
 - b. Monitoring well locations; and
 - c. Plumes of soil and groundwater contamination.

E. Technical Information - Corrective Action Plan

Provide the following:

1. Executive summary identifying the objectives of the corrective action plan and the technical approach to be utilized to meet such objectives;
 - a. The major components (e.g., treatment, containment, removal) of the corrective action plan;
 - b. The scope of the problems to be addressed by the proposed corrective action; and
 - c. A schedule for implementation and completion of the plan;
2. Identification of the remediation objectives proposed for the site;
3. A description of the remedial technologies selected:
 - a. The feasibility of implementing the remedial technologies;
 - b. Whether the remedial technologies will perform satisfactorily and reliably until the remediation objectives are achieved; and
 - c. A schedule of when the technologies are expected to achieve the applicable remediation objectives;
4. A confirmation sampling plan that describes how the effectiveness of the corrective action activities will be monitored during their implementation and after their completion;
5. A description of the current and projected future uses of the site;
6. A description of engineered barriers or institutional controls that will be relied upon to achieve remediation objectives:
 - a. an assessment of their long-term reliability;
 - b. operating and maintenance plans; and
 - c. maps showing area covered by barriers and institutional controls;
7. The water supply well survey:
 - a. Map(s) showing locations of community water supply wells and other potable wells and the setback zone for each well;
 - b. Map(s) showing regulated recharge areas and wellhead protection areas;
 - c. Map(s) showing the current extent of groundwater contamination exceeding the most stringent Tier 1 remediation objectives;
 - d. Map(s) showing the modeled extent of groundwater contamination exceeding the most stringent Tier 1 remediation objectives;
 - e. Tables listing the setback zone for each community water supply well and other potable water supply wells;
 - f. A narrative identifying each entity contacted to identify potable water supply wells, the name and title of each person contacted, and any field observations associated with any wells identified; and
 - g. A certification from a Licensed Professional Engineer or Licensed Professional Geologist that the survey was conducted in accordance with the requirements and that documentation submitted includes information obtained as a result of the survey (certification of this plan satisfies this requirement);

8. Appendices:
 - a. References and data sources report that are organized; and
 - b. Field logs, well logs, and reports of laboratory analyses;
9. Site map(s) meeting the requirements of 35 Ill. Adm. Code 732.110(a) or 734.440;
10. Engineering design specifications, diagrams, schematics, calculations, manufacturer's specifications, etc.;
11. A description of bench/pilot studies;
12. Cost comparison between proposed method of remediation and other methods of remediation;
13. For the proposed Tier 2 or 3 remediation objectives, provide the following:
 - a. The equations used;
 - b. A discussion of how input variables were determined;
 - c. Map(s) depicting distances used in equations; and
 - d. Calculations;
14. Provide documentation to demonstrate the following for alternative technologies:
 - a. The proposed alternative technology has a substantial likelihood of successfully achieving compliance with all applicable regulations and remediation objectives;
 - b. The proposed alternative technology will not adversely affect human health and safety or the environment;
 - c. The owner or operator will obtain all Illinois EPA permits necessary to legally authorize use of the alternative technology;
 - d. The owner or operator will implement a program to monitor whether the requirements of subsection (14)(a) have been met;
 - e. Within one year from the date of Illinois EPA approval, the owner or operator will provide to the Illinois EPA monitoring program results establishing whether the proposed alternative technology will successfully achieve compliance with the requirements of subsection (14)(a); and
 - f. Demonstration that the cost of alternative technology will not exceed the cost of conventional technology and is not substantially higher than at least two other alternative technologies, if available and technically feasible.
15. Property Owner Summary form.

F. Exposure Pathway Exclusion

Provide the following:

1. A description of the tests to be performed in determining whether the following requirements will be met:
 - a. Attenuation capacity of the soil will not be exceeded for any of the organic contaminants;
 - b. Soil saturation limit will not be exceeded for any of the organic contaminants;
 - c. Contaminated soils do not exhibit any of the reactivity characteristics of hazardous waste per 35 Ill. Adm. Code 721.123;
 - d. Contaminated soils do not exhibit a pH \leq 2.0 or \geq 12.5; and
 - e. Contaminated soils which contain arsenic, barium, cadmium, chromium, lead, mercury, or selenium (or their associated salts) do not exhibit any of the toxicity characteristics of hazardous waste per 35 Ill. Adm. Code 721.124.
2. A discussion of how any exposure pathways are to be excluded.

G. Signatures

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

UST Owner or Operator

Name: Illinois Ayers Oil Company
Contact: Carl Adams, Jr.
Address: P.O. Box 772
City: Quincy
State: Illinois
ZIP Code: 62306
Phone: (217) 484-8662
Signature: *Carl Adams, Jr.*
Date: 6/6/08

Consultant

Company: CSD Environmental Services, Inc.
Contact: Joseph W. Truesdale, P.E., P.G.
Address: 2220 Yale Boulevard
City: Springfield
State: Illinois
ZIP Code: 62703
Phone: (217) 522-4085
Signature: *Joseph W. Truesdale*
Date: 6/23/2008

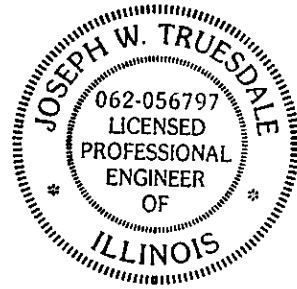
I certify under penalty of law that all activities that are the subject of this plan were conducted under my supervision or were conducted under the supervision of another Licensed Professional Engineer or Licensed Professional Geologist and reviewed by me; that this plan and all attachments were prepared under my supervision; that, to the best of my knowledge and belief, the work described in this plan has been completed in accordance with the Environmental Protection Act [415 ILCS 5], 35 Ill. Adm. Code 731, 732 or 734, and generally accepted standards and practices of my profession; and that the information presented is accurate and complete. I am aware there are significant penalties for submitting false statements or representations to the Illinois EPA, including but not limited to fines, imprisonment, or both as provided in Sections 44 and 57.17 of the Environmental Protection Act [415 ILCS 5/44 and 57.17].

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Licensed Professional Engineer or Geologist

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

Name: Joseph W. Truesdale, P.E., P.G.
Company: CSD Environmental Services, Inc
Address: 2220 Yale Boulevard
City: Springfield
State: Illinois
ZIP Code: 62703
Phone: (217) 522-4085
Ill. Registration No.: 062-056797
License Expiration Date: 11/30/08
Signature: *Joseph W. Truesdale*
Date: 6/23/2008



D. Soil and Groundwater Investigation Results (for incidents subject to 35 Ill. Adm. Code 731 only or 732 that were classified using Method One or Two, if not previously provided)

Provide the following:

1. Description of investigation activities performed to define the extents of soil and/or groundwater contamination;

On May 14, 1999 a preliminary environmental assessment was conducted on the subject property by CSD Environmental Services, Inc. (CSD). This environmental assessment consisted of advancing three (3) soil borings (B-1, B-2, and B-3) to a depth of fifteen (15) feet. The soil borings were sampled continuously, the soils encountered were logged and classified according to ASTM Method D 2488 "Standard Practice for Description and Identification of Soils (Visual-Manual Procedure)", and the soil column was field screened for visual and olfactory evidence of petroleum contamination as well as evidence of volatile organic concentrations measured using a photo-ionization detector (PID). The portion of the soil column from each boring exhibiting the highest PID reading was sampled and submitted for laboratory analysis of benzene, toluene, ethylbenzene and xylenes (BTEX) concentrations.

Upon review of laboratory analytical results for these samples, indicator contaminants for gasoline were observed in excess of applicable corrective action objectives as specified in 35 IAC 742 "Tiered Approach to Corrective Action Objectives" (TACO). Illinois Ayers Oil Company (Ayerco), reported confirmation of a release of petroleum from the UST systems to the Illinois Emergency Management Agency (IEMA) on June 8, 1999 and Incident #991372 was assigned.

On June 16 through 18, 1999, seven (7) additional soil borings (B-4, B-5, B-6, MW-1, MW-2, MW-3, and MW-4) were advanced at the site to define the extent of soil and groundwater contamination as part of site classification activities. Temporary monitoring wells were installed in four (4) of the borings (MW-1, MW-2, MW-3 and MW-4). The soil borings were sampled continuously, the soils encountered were logged and classified according to ASTM Method D 2488 "Standard Practice for Description and Identification of Soils (Visual-Manual Procedure)", and the soil column was field screened for visual and olfactory evidence of petroleum contamination as well as evidence of volatile organic concentrations measured using a photo-ionization detector (PID).

The portion of the soil column from each boring (except B-4) exhibiting the highest PID reading was sampled and submitted for laboratory analysis of BTEX and polynuclear aromatic hydrocarbons (PNA's). Boring B-4 was

stopped at a depth of five (5) feet when visual, olfactory and PID evidence of contamination was noted, and another boring (B-5) was advanced further west. A soil sample was not collected from B-4 since visual observation indicated the presence of impacted soils at this point.

On June 21, 1999, groundwater samples were collected from monitoring wells MW-1, MW-2, MW-3 and MW-4 and analyzed for BTEX and PNAs. A slug test was also performed in monitoring well MW-2, to determine the hydraulic conductivity of the saturated zone. Analysis of slug test data, using the HVORSLEV method, indicated a hydraulic conductivity on the order of 9.27×10^{-5} cm/s. In addition, soil samples within the water-bearing unit encountered at the location of monitoring well MW-1 were submitted for laboratory analysis of physical soil parameters.

Based on the appropriate hydraulic conductivity referenced above, the maximum theoretical sustained groundwater yield from a 12-inch borehole screened in a saturated thickness of 15 feet or less, under a unit draw-down, was calculated using the *Thiem Equilibrium Equation with Dupit Assumptions for Unconfined Aquifers*. The well yield for the subject site was **113 gpd** (gallons per day). The equation used to derive the theoretical well yield is presented below:

$$Q = \pi K [(b^2 - h_w^2) / \ln(R/r_w)]$$

Where:

Q = well yield (cfm)

K = hydraulic conductivity (ft/min)

b = aquifer saturated thickness (ft)

h_w = head in well during pumpig (ft)

r_w = radius of well (ft)

R = estimated radius of influence (ft)

On November 18, 1999, groundwater BTEX samples were collected once again from MW-1, MW-2, and MW-3, following removal of the UST systems. A soil sample was also collected from beneath the USTs and submitted for laboratory analysis of geo-chemical parameters needed for preliminary evaluation of in-situ bioremediation as an additional means of corrective action.

Geo-Chemical Soil Profile - November 18, 1999

Test Description	Result	Methods
Nitrate Nitrogen	8.3	Adapted Std. Methods 8039
Nitrite Nitrogen	43.0	Adapted Std. Methods 8153
Ammonia Nitrogen	77.0	Adapted Std. Methods 8038
Orthophosphate	28.0	Adapted Std. Methods 8114
Manganese	0.00	Adapted Std. Methods 8034
Ferric Iron	2.14	Adapted Std. Methods 8146
Ferrous Iron	1.31	Adapted Std. Methods 8146
Total Iron	3.45	Adapted Std. Methods 8008
Redox Potential	103 mV	ASTM 2580
Percent Moisture	21.8 %	ASTM D2974
PH	7.75	SW846-9040A

Soil preparation consisted of extracting 10 grams of sample with 100 ml of deionized water and filtering the extract through a 0.45 micron membrane filter. The results are expressed on a volume basis (mg/l) and represent the soluble anion or cation in the sample.

On December 1, 1999, six (6) additional borings (B-7, B-8, B-9, B-10, B-11, and B-12) were advanced to a depth of fifteen (15) feet in order to better define the extent of soil contamination within the source area. The soil borings were sampled continuously, the soils encountered were logged and classified according to ASTM Method D 2488 "Standard Practice for Description and Identification of Soils (Visual-Manual Procedure)", and the soil column was field screened for visual and olfactory evidence of petroleum contamination as well as evidence of volatile organic concentrations measured using a photo-ionization detector (PID). The portion of the soil column from each boring exhibiting the highest PID reading was sampled and submitted for laboratory analysis of BTEX and PNAs.

On December 20, 1999, CSD performed a test injection of ORC (Oxygen Releasing Compound) in order to evaluate the proposed radius of influence and proposed injection point spacing. On December 27, 1999, high-pressure injection of approximately 10,000 pounds of ORC to promote in-situ biodegradation of petroleum contaminants began. On February 23, 2000, final high-pressure injections of ORC were completed.

In order to monitor the effectiveness of the conducted in-situ bioremediation corrective action activities, four (4) permanent monitoring wells (MW-10, W-11, MW-12, and MW-13) were installed on February 28, 2000. The soil borings were sampled continuously, the soils encountered were logged and classified according to ASTM Method D 2488 "Standard Practice for Description and Identification of Soils (Visual-Manual Procedure)", and the soil column was field screened for visual and olfactory evidence of petroleum contamination as well as evidence of volatile

organic concentrations measured using a photo-ionization detector (PID). Based on depth to groundwater measurements obtained previously from temporary monitoring wells MW-1, MW-2, MW-3 and MW-4 the groundwater table ranged from approximately (6) six to (8) eight feet below the surface across the subject site. As a result, the portion of the soil column from each boring at the expected soil water interface depth of approximately (6) six feet was sampled and submitted for laboratory analysis of BTEX and PNAs.

Also on February 28, 2000, another soil sample was collected (BIO-1) and sent to Paragon Laboratories, Inc., in Livonia, Michigan, to evaluate the effectiveness of the recently implemented in-situ bioremediation corrective action activities. A heterotrophic plate count of 700,000 organisms per gram was determined along with the identification of at least one known petroleum biodegrading species of bacteria (*Rhodococcus rhodochrous*). No indications of microbial limitation were observed.

On May 8, 2000, groundwater samples were collected from MW-10, MW-11, MW-12, and MW-13, and analyzed for BTEX, PNAs, and geochemical parameters. Groundwater samples were collected again on August 9, 2000, from MW-10, MW-11, MW 12, and MW-13, and analyzed for BTEX, PNAs, COD, and DO. The results for MW-11 and MW-12 seemed somewhat erroneous upon comparison with previous results. To confirm the sample results, MW-12 was re-sampled on August 22, 2000. By comparing the analytical results from the previous two sampling events, it was suspected that the groundwater samples from MW-11 and MW-12 on August 9, 2000, had either been mislabeled in the field or mixed up during laboratory analysis.

Groundwater samples were collected again from MW-10, MW-11, MW-12, and MW-13 on November 2, 2000, and analyzed for BTEX, PNAs, COD, and DO. The analytical results from monitoring wells MW-11 and MW-12 from this sampling event further supported the hypothesis that samples results from the two wells had somehow been mixed up during the August 09, 2000 sampling event.

On February 28, 2001, groundwater samples were collected from MW-10, MW-11, MW-12, and MW-13 and analyzed for BTEX, PNAs, and geochemical parameters. As proposed in the December 10, 1999 Corrective Action Plan and Budget which was approved by the IEPA in a letter dated December 21, 1999 six (6) additional monitoring wells (MW-14, MW-15, MW-16, MW-17, MW-18, and MW-19) were installed on August 20, 2001. The soil borings were sampled continuously, the soils encountered were logged and classified according to ASTM Method D 2488 "Standard Practice for Description and Identification of Soils (Visual-Manual Procedure), and the soil column was field screened for visual and olfactory

evidence of petroleum contamination as well as evidence of volatile organic concentrations measured using a photo-ionization detector (PID). The portion of the soil column from each boring exhibiting the highest PID reading was sampled and submitted for laboratory analysis of BTEX and PNAs.

On August 23, 2001, groundwater samples were collected from all ten (10) wells (MW-10 through MW-19), and analyzed for BTEX and PNA's. Approximately six months later, on February 22, 2002 groundwater samples were once again collected from all ten (10) monitoring wells and analyzed for BTEX, PNA's and geo-chemical parameters. Approximately six months after that, on August 27, 2002 groundwater samples were once again collected from all ten (10) monitoring wells and analyzed for BTEX and Naphthalene, and approximately (1) one year later, on August 15, 2003, groundwater samples were once again collected from all ten (10) monitoring wells and analyzed for BTEX and Naphthalene.

On September 19, 2007 CSD advanced six (6) soil borings (B-13, B-14, B-15, B-16, B-17 and B-18) and installed four (4) additional monitoring wells (MW-20, MW-21, MW-22 and MW-23) per the most recent Corrective Action Plan submitted on December 22, 2006 and approved by the IEPA in a letter dated March 6, 2007. The six (6) soil borings were advanced to an approximate depth of eight (8) feet below the ground surface. The soil borings were sampled continuously, the soils encountered were logged and classified according to ASTM Method D 2488 "Standard Practice for Description and Identification of Soils (Visual-Manual Procedure)", and the soil column was field screened for visual and olfactory evidence of petroleum contamination as well as evidence of volatile organic concentrations measured using a photo-ionization detector (PID).

MW-22 and MW-23 were the only borings during this round of drilling that did not exhibit any evidence of contamination using the PID. The greatest level of readings from the other borings came between the depths of six (6) to eight (8) feet below the ground surface. Soil samples were taken at all proposed boring locations and submitted to TMI Analytical Services for analysis of BTEX and PNA constituents. Multiple borings and monitor wells had exceedances for benzene, ethylbenzene and total xylenes.

Two soil samples, labeled Tier 2A and Tier 2B, were collected from MW-23 for physical soil analysis necessary to develop Tier 2 soil remediation objectives using 35 Illinois Administrative Code (IAC) Part 742, Tiered Approach to Corrective Action (TACO) objectives. Each sample was analyzed for moisture content, organic carbon content, particle size distribution, particle density and dry soil bulk density. One sample was collected from the vadose zone (Tier 2A) and one sample (Tier 2B) was collected near the soil-water interface.

The results of the physical soil analysis will be used to develop Tier 2 soil remediation objectives once the extent of remaining soil contamination has been defined to Tier 1. Physical soil analysis was performed by Shively Geotechnical, Inc. A copy of the laboratory report is provided in **Appendix A**.

Two (2) of the wells, MW-22 and MW-23 were installed northwest of the site within the right-of-way of Stanford Avenue to investigate the storm sewer to the north of the property as a potential migratory pathway and one monitoring well (MW-21) along with one soil boring (B-17) were installed within the western right-of-way of South Fifth Street to investigate the storm sewer to the east of the property as a potential migratory pathway pursuant to 35 IAC 732.307 (g)(1), and as requested in item 1 of the IEPA's December 21, 1999 High Priority Corrective Action Plan and Budget modification letter.

On September 26, 2007 CSD conducted a round of groundwater sampling on wells MW-14, MW-20, MW-21, MW-22 and MW-23. Wells MW-11 and MW-12 were not sampled because the protective lid of the well could not be removed. MW-20 had groundwater exceedances for Class 2 ingestion for benzene and ethylbenzene. MW-21 had groundwater exceedances for Class 2 ingestion for benzene, ethylbenzene and total xylenes.

On October 23, 2007 CSD collected groundwater samples from MW-11 and MW-15 to complete the activities from the previous plan and to define extent of contamination. MW-11 had an exceedance for benzene. The protective lid of MW-11 was destroyed to retrieve a sample and was replaced. MW-12 was not sampled because the last laboratory result obtained did not exceed applicable Groundwater ingestion remediation objectives for BTEX constituents. MW-15 had produced an exceedance for one or BTEX constituents on previous sampling events.

Currently Proposed Corrective Action Investigation

In an attempt to define the extent of soil and groundwater contamination, CSD proposes to install four (4) additional monitoring wells and one (1) additional soil boring (B-19). Three (3) monitoring wells (MW-24, MW-25 and MW-26) will be installed along the Fifth Street right-of-way. These wells will determine whether or not the storm sewer located in the same right-of-way is acting as a potential migratory pathway for contamination pursuant to 35 IAC 732.307 (g)(1). The fourth proposed monitoring well will be located due south of MW-20 in order to define extent of contamination to the southern side of the property.

The one (1) soil boring location will be located south of MW-10 and advanced to a depth of approximately eight (8) feet below the ground surface. The soil boring will be sampled continuously, the soils encountered will be logged and classified according to ASTM Method D 2488 "Standard Practice for Description and Identification of Soils (Visual-Manual Procedure)", and the soil column will be field screened for visual and olfactory evidence of petroleum contamination as well as evidence of volatile organic concentrations measured using a photo-ionization detector (PID). The locations of the proposed soil boring and monitoring wells are provided in **Figure 1**.

Since groundwater beneath the subject site and surrounding area has been observed during routine groundwater monitoring events at depths averaging approximately six and one-half (6.5) feet below the surface with average maximum depth of approximately seven and one-half (7.5) feet below the surface any soil samples obtained from depths of seven and one-half (7.5) feet, or greater, below the surface are within the water bearing unit, and contaminant concentrations are representative of aqueous and adsorbed contaminants within the aquifer. In addition, any samples obtained from (6.5) six and one-half feet and seven and one-half (7.5) feet below the surface are normally below the water table as well.

Soil samples from the vadose zone, within six and one-half (6.5) feet below the surface, will be collected for laboratory analysis of BTEX, MTBE and PNAs at each soil boring location. It is proposed that a single sample for laboratory analysis of BTEX, MTBE and PNAs will be collected from each soil boring in order to evaluate the extent of soil contamination within the vadose zone, if any, remaining after completion of the previous corrective action activities.

The four (4) monitor well locations will be advanced to a depth of approximately sixteen (16) feet below the ground surface. The soil borings will be sampled continuously, the soils encountered will be logged and classified according to ASTM Method D 2488 "Standard Practice for Description and Identification of Soils (Visual-Manual Procedure)", and the soil column will be field screened for visual and olfactory evidence of petroleum contamination as well as evidence of volatile organic concentrations measured using a photo-ionization detector (PID). Soil samples from the vadose zone, within six and one-half (6.5) feet below the surface, will be collected for laboratory analysis of BTEX and PNAs at each monitoring well location.

CSD will conduct a complete round of groundwater sampling from all remaining monitoring wells in order to determine the current level of contamination in the groundwater and to obtain an accurate determination

of groundwater flow. All groundwater samples will be analyzed for the presence of BTEX, MTBE and PNAs constituents.

2. Analytical results, chain-of-custody forms, and laboratory certifications;

Since the former underground storage tank systems at this facility contained gasoline and diesel fuel, the contaminants of concern as specified in 35 IAC 732.310(b) include benzene, toluene, ethylbenzene, total xylenes (BTEX) and polynuclear aromatics (PNAs) listed in 35 IAC 732. Appendix B. Copies of the soil analytical results, chain-of-custody forms and laboratory certifications are provided in **Appendix A**. Copies of the groundwater analytical results, chain-of-custody forms and laboratory certifications are provided in **Appendix A**.

3. Tables comparing analytical results to applicable remediation objectives;

Tables 1-3 are provided immediately following the text of this report.

4. Boring logs;

Copies of boring logs are provided in **Appendix B**.

5. Monitoring well logs; and

Copies of monitoring well logs are provided in **Appendix C**.

6. Site maps meeting the requirements of 35 Ill. Adm. Code 732.110(a) or 734.440 and showing:

- a. Soil sample locations;
- b. Monitoring well locations; and
- c. Plumes of soil and groundwater contamination.

See **Figures 1-2** for items A and B. Maps depicting plume limits will be provided once the extent of remaining contamination has been defined.

E. Technical Information – Corrective Action Plan

Provide the following:

1. Executive summary identifying the objectives of the corrective action plan and the technical approach to be utilized to meet such objectives;
 - a. The major components (e.g., treatment, containments, removal) of the corrective action plan;
 - b. The scope of the problems to be addressed by the proposed corrective action plan; and
 - c. A schedule for implementation and completion of the plan;

To date the major components of corrective action at this site have consisted of removal of the former UST systems, treatment of approximately 400 cubic yards of petroleum impacted backfill materials with Biological Oxygen Releasing Compound (BOC) provided by Inland Environmental, Inc., excavation and disposal of approximately 654 cubic yards of petroleum impact source materials at Five Oaks RDF in Taylorville, Illinois and injection of approximately 10,000 pounds of ORC provided by Regenesis Bioremediation Products to promote in-situ biodegradation of petroleum contaminants. A chronological summary of corrective action activities to date is provided below.

1999

May 14	Preliminary environmental assessment was performed and borings B-1, B-2 & B-3 were advanced. Visual and olfactory evidence of petroleum contamination was observed.
May 25	Laboratory analytical results for soil samples obtained from borings B-2 and B-3 indicated the presence of petroleum contamination.
June 8	Owner/Operator reported confirmation of a release to IEMA and Incident #991372 was assigned.
June 14	20 Day Certification Form was submitted to the IEPA
June 16-18	CSD drilled seven borings and converted four into temporary monitoring wells (B-4, B-5, B-6, MW-1, MW-2, MW-3 and MW-4). <u>Note: B-4 was only 5 feet deep and visual, olfactory and PID evidence of contamination was observed at that depth.</u>
June 18	CSD performed a hydraulic conductivity test on MW-2. CSD also submitted a soil sample from MW-1 for analysis of physical soil parameters.
June 21	CSD sampled four monitoring wells MW-1, MW-2, MW-3 & MW-4.
July 20	45 Day Report was submitted to the IEPA
August 3	Site Classification Work Plan and Budget was submitted to the IEPA

- August 17 IEPA response letter stated the SCWP & Budget were approved with out review.
- August 25 Midwest Tank Testing was contracted to test the UST systems in an attempt to determine the cause of the release.
- August 27 Site Classification Completion Report was submitted to the IEPA
- September 20 IEPA response letter rejected the 45 Day Report because it did not address the initial abatement requirements.
- September 27 CSD submitted additional information for the 45 Day Report, including the Tank Tightness test results from August 25, 1999.
- October 15 IEPA response letter approved the 45 Day Report
- November 9 IEPA response letter approved the SCCR and classified the site as **High Priority**.
- November 17 Removal of (4) four gasoline UST systems from the property was performed by R.L. Hoener as an initial means of corrective action.
- November 18 CSD sampled monitoring wells MW-1, MW-2 and MW-3 and analyzed samples for BETX. CSD also collected a soil sample for analysis of geo-chemical parameters in order to evaluate in-situ bioremediation as an additional means of corrective action.
- November 19 Biological Oxygen Releasing Compound (BOC) provided by Inland Environmental, Inc. was mixed with approximately 400 cubic yards of petroleum impacted backfill and bedding material encountered directly beneath the former USTs during removal activities.
- November 22 Excavation and temporary stockpiling of heavily contaminated soils which were encountered beneath the former product line trench and from the locations of new canopy footings began.
- December 1 CSD advanced six more borings (B-7, B-8, B-9, B-10, B-11 & B-12) all to a depth of 15 feet to evaluate source area soil concentrations.
- December 2 CSD performed a hydraulic conductivity test on MW-1, and directed stockpiling of additional contaminated soils encountered during excavation for remaining canopy footings.
- December 3-7 CSD conducted field screening for contaminated soils during site grading activities and directed stockpiling of additional contaminated soils encountered during excavation for new USTs. Soils encountered around the former UST excavation exhibited strong visual and olfactory evidence of contamination.
- December 10 CSD submitted a High Priority Corrective Action Plan to the IEPA which proposed as corrective action; removal of the (4)

- gasoline USTs from the property, bioremediation of approximately 400 cubic yards of backfill material and in-situ bioremediation of the soils and groundwater beneath the property using ORC.
- December 11 Laboratory analytical results from borings B-7, B-8, B-9, B-10, B-11 & B-12 indicated more extensive source area contamination than originally expected.
- December 15 CSD surveyed the existing contaminated soil stockpile to determine approximate volume (approximately 600 cubic yards estimated).
- December 16 CSD compared contaminant mass estimated from the soil stockpile to oxygen demand and oxygen supplied by the proposed ORC injection provided in the Corrective Action Plan.
- December 20 A test injection was performed on-site in order to evaluate the proposed radius of influence and proposed injection point spacing. CSD revised the proposed injection grid based on excavated areas, results of the test injection and laboratory analytical results from borings B-7, B-8, B-9, B-10, B-11 & B-12. Proposed injection points were laid out on-site.
- December 21 IEPA response letter approved the Corrective Action Plan and Budget **Note: The original corrective action plan and budget did not provide for excavation and off-site disposal of contaminated soils encountered within the source area.**
- December 22 CSD directed stockpiling of remaining contaminated soils encountered and made arrangements for off-site disposal at an appropriately permitted solid waste landfill. **Note: The total volume of contaminated backfill materials treated in place and contaminated soils excavated and stockpiled for off-site disposal was within the limits established for removal of visibly contaminated material, prior to submission of any plans to the agency, which had not previously been conducted during Early Action (1,076 cubic yards allowed).**
- December 27 High pressure injection of approximately 10,000 pounds of ORC to promote in-situ biodegradation of petroleum contaminants began.

2000

January 4-10

Approximately 654 cubic yards of heavily contaminated soils from the source area around the former UST excavation area, beneath the product line trenches and from excavations for new canopy footings, which had been temporarily stockpiled on site were transported to Five Oaks RDF in Taylorville, Illinois for proper disposal.

February 23 Final high pressure injections of ORC to promote in-situ biodegradation of petroleum contaminants were completed. Note: A confirmation soil sample CS-1 was collected prior to initiating injections in this area in an effort to verify the vertical extent of soil contamination and better define the limits of soil contamination within the vadose zone in the southwestern portion of the site.

February 28 CSD installed monitoring wells MW-10, MW-11, MW-12 and MW-13

May 8 CSD sampled MW-10, MW-11, MW-12 & MW-13 for BETX, PNAs and geo-chemical parameters.

August 9 CSD sampled MW-10, MW-11, MW-12 & MW-13 for BETX, PNAs, COD and Dissolved Oxygen.

August 22 CSD re-sampled MW-12 to determine if the samples of MW-11 and 12 had somehow been incorrectly identified in the field or during laboratory analysis in the previous sampling event.

November 2 CSD sampled MW-10, MW-11, MW-12 & MW-13 for BETX, PNAs, COD and DO.

2001

February 28 CSD sampled MW-10, MW-11, MW-12 & MW-13 for BETX, Naphthalene, COD, DO, nitrogen, and phosphorous

August 20 CSD installed six off-site monitoring wells (MW-14, MW-15, MW-16, MW-17, MW-18 and MW-19)

August 23 CSD sampled all ten monitoring wells (MW-10 through MW-19) for BETX, PNAs and DO.

2002

February 22 CSD sampled all ten monitoring wells (MW-10 through MW-19) for BETX, PNAs, DO, COD, pH, nitrogen sulfate, phosphorous and iron.

August 27 CSD sampled all ten monitoring wells (MW-10 through MW-19) for BETX and Naphthalene.

2003

August 15 CSD sampled all ten monitoring wells (MW-10 through MW-19) for BETX and Naphthalene.

2006

December 22 CSD submitted Amendment #2 of a High Priority Corrective Action Plan and Budget that proposed to advance soil borings B-13 through B-18, as well as, monitoring wells MW-20 through MW-23. Also, physical soil samples are proposed to determine site-specific Tier 2 clean-up objectives.

2007

- September 19 CSD advanced six (6) soil borings and had them analyzed for BTEX and PNA constituents.
- September 20 CSD retrieved soil samples for BTEX and PNA constituent analysis and installed four (4) monitoring wells. Physical soil samples were collected from MW-23 and sent to Shively Geotechnical, Inc. for analysis.
- September 26 CSD sampled groundwater from MW-14, MW-20, MW-21, MW-22 and MW-23. MW-11 and MW-12 were scheduled to be sampled, however, the well lids could not be opened.
- October 23 CSD retrieved groundwater samples from monitoring wells MW-11 and MW-15.

2. Identification of the remediation objectives proposed for the site;

This property is currently developed for commercial use as a convenience store and gasoline filling station. Given surrounding properties are primarily commercial in nature, the projected future uses of the site are believed to be commercial as well; however, a limited number of residential properties are located in the immediate vicinity of the subject site.

The City of Springfield has an ordinance that prohibits the installation and use of water wells within specified limits of the City as described in the ordinance. Upon review of this ordinance, it was determined that its effective boundary ends along the east side of Sixth Street. As a result, the subject property is not included within the effective area of the City of Springfield groundwater use ordinance and as stated in the IEPA's December 21, 1999 High Priority Corrective Action Plan and Budget modification letter, "Class 1 groundwater must be met at the property line," or other measures to exclude the groundwater ingestion route must be provided.

Groundwater beneath the subject site and surrounding area has been observed during routine groundwater monitoring events at depths averaging approximately (6.5) six and one-half feet below the surface with average maximum depth of approximately (7.5) seven and one-half feet below the surface. Based on the groundwater depths observed in monitoring wells and free water depths observed in soil borings, the water bearing unit beneath the subject site and surrounding area appears to function under semi-confined or unconfined conditions. All soil samples obtained from depths of (7.5) seven and one-half feet, or greater, below the surface are within the water-bearing unit, and contaminant concentrations are representative of aqueous and adsorbed contaminants within the aquifer, and samples obtained from (6.5) six and one-half feet

and (7.5) seven and one-half feet below the surface are normally below the water table as well.

Soil samples from the vadose zone, within (6.5) six and one-half feet below the surface, were collected for laboratory analysis of physical soil parameters and determination of Tier 2 soil remediation objectives for the industrial / commercial inhalation and construction worker inhalation exposure route scenarios, as well as, the soil component of the groundwater ingestion exposure route for Class 1 groundwater.

3. A description of the remedial technologies selected:
 - a. The feasibility of implementing the remedial technologies;
 - b. Whether the remedial technologies will perform satisfactorily and reliably until the remediation objectives are achieved; and
 - c. A schedule of when the technologies are expected to achieve the applicable remediation objectives;

N/A

4. A confirmation sampling plan that describes how the effectiveness of the corrective action activities will be monitored during their implementation and after their completion;

CSD is proposing to install four (4) additional monitoring wells and one (1) additional soil boring (B-19). Three (3) monitoring wells (MW-24, MW-25 and MW-26) will be installed along the Fifth Street right-of-way. These wells will determine whether or not the storm sewer located in the same right-of-way is acting as a potential migratory pathway for contamination pursuant to 35 IAC 732.307 (g)(1). The fourth proposed monitoring well will be located due south of MW-20 in order to define extent of contamination to the southern side of the property.

Soil samples from the vadose zone, within six and one-half (6.5) feet below the surface, will be collected for laboratory analysis of BTEX, MTBE and PNAs at each soil boring location. It is proposed that a single sample for laboratory analysis of BTEX, MTBE and PNAs will be collected from each soil boring in order to evaluate the extent of soil contamination within the vadose zone, if any, remaining after completion of the previous corrective action activities.

CSD will conduct a complete round of groundwater sampling from all remaining monitoring wells in order to understand the current level of contamination in the groundwater. All groundwater samples will be analyzed for the presence of BTEX, MTBE and PNAs constituents.

5. A description of the current and projected future uses of the site;

This property is currently developed for commercial use as a convenience store and gasoline filling station. Given surrounding properties are primarily commercial in nature, the projected future uses of the site are believed to be commercial as well; however, a limited number of residential properties are located in the immediate vicinity of the subject site.

6. A description of engineered barriers or institutional controls that will be relied upon to achieve remediation objectives;

- a. An assessment of their long-term reliability;
- b. Operating and maintenance plans; and
- c. Maps showing area covered by barriers and institutional controls;

At this time institutional controls restricting current and future land use for industrial commercial purposes is being proposed as a means to address the potential risks to human health and the environment posed by the contaminants of concern observed at the subject site. It is not expected that any engineered barriers will be required following the previously conducted in-situ bioremediation and subsequent verification of corrective action effectiveness provided by the confirmation sampling.

7. The water supply well survey:

- a. Map(s) showing locations of community water supply wells and other potable wells and the setback zone for each well;
- b. Map(s) showing regulated recharge areas and wellhead protection areas;
- c. Map(s) showing the current extent of groundwater contamination exceeding the most stringent Tier 1 remediation objectives;
- d. Map(s) showing the modeled extent of groundwater contamination exceeding the most stringent Tier 1 remediation objectives;
- e. Tables listing the setback zone for each community water supply well and other potable water supply wells;
- f. A narrative identifying each entity contacted to identify potable water supply wells, the name and title of each person contacted, and any field observations associated with any wells identified; and
- g. A certification from a Licensed Professional Engineer or Licensed Professional Geologist that the survey was

conducted in accordance with the requirements and that documentation submitted includes information obtained as a result of the survey (certification of this plan satisfies this requirement).

Water supply well survey results were provided previously in the 45 Day report dated September 22, 1999.

8. Appendices:

- a. References and data sources report that are organized; and
- b. Field logs, well logs, and reports of laboratory analyses;

Appendix A: Soil and Groundwater analytical reports

Appendix B: Soil Boring logs

Appendix C: Monitoring Well Completion Diagrams

9. Site map(s) meeting the requirements of 35 Ill. Adm. Code 732.110(a) or 734.440;

Figure 1: Site Map

Figure 2: Groundwater contour map

10. Engineering design specifications, diagrams, schematics, calculations, manufacturer's specifications, etc.;

N/A

11. A description of bench/pilot studies;

N/A

12. Cost comparison between proposed method of remediation and other methods of remediation;

N/A

13. For the proposed Tier 2 or 3 remediation objectives, provide the following:

- a. The equations used;
- b. A discussion of how input variables were determined;
- c. Map(s) depicting distances used in equations; and
- d. Calculations;

CSD is proposing to define extent of soil and groundwater contamination in this plan. Therefore, Tier 2 results will be presented in a later plan once extent is defined.

14. Provide documentation to demonstrate the following for alternative technologies:
 - a. The proposed alternative technology has a substantial likelihood of successfully achieving compliance with all applicable regulations and remediation objectives;
 - b. The proposed alternative technology will not adversely affect human health and safety and the environment;
 - c. The owner or operator will obtain all Illinois EPA permits necessary to legally authorize use of the alternative technology;
 - d. The owner or operator will implement a program to monitor whether the requirements of subsection (14)(a) have been met;
 - e. Within one year from the date of Illinois EPA approval, the owner or operator will provide to the Illinois EPA monitoring program results establishing whether the proposed alternative technology will successfully achieve compliance with the requirements of subsection (14)(a); and
 - f. Demonstration that the cost of alternative technology will not exceed the cost of conventional technology and is not substantially higher than at least two other alternative technologies, if available and technically feasible.

N/A

15. Property Owner Summary Form.

The Property Owner Summary Form will be submitted with the Corrective Action Completion Report.

F. Exposure Pathway Exclusion

Provide the following:

1. A description of the tests to be performed in determining whether the following requirements will be met:
 - a. Attenuation capacity of the soil will not be exceeded for any of the organic contaminants;

Based on all soil samples collected from the subject site to date, the maximum sum of the concentrations of all organic contaminants of concern of 676.354 mg/kg was observed at the location of soil sample B-2 at a depth of approximately 8.5 feet below the surface. In accordance with 35 IAC 742.215(b)(1)(A), the default value for the attenuation capacity is 2,000 mg/kg for subsurface soils below three feet of the surface. As a result, the requirements of 35 IAC 742.305(a) that any soil which contains contaminants of concern shall not exceed the attenuation capacity of the soil as determined under 35 IAC 742.215 are satisfied.

- b. Soil saturation limit will not be exceeded for any of the organic contaminants;

None of the organic contaminants that have a melting point below 30°C, are present at concentrations above the respective soil saturation limits specified in 35 IAC 742, Appendix A, Table A. As a result, the requirements of 35 IAC 742.305(b) that any soil which contains contaminants of concern shall not exceed the soil saturation limit as determined under 35 IAC 742.220 are satisfied.

- c. Contaminated soils do not exhibit any of the reactivity characteristics of hazardous waste per 35 Ill. Adm. Code 721.123;

Laboratory analysis of a soil sample from the temporary stockpile of contaminated soil for pH, open cup flash point, paint filter and TCLP lead performed by Prairie Analytical Systems, Inc. of Springfield, Illinois on December 30, 1999 indicated that the soil flash point was >200 °F and is not capable of detonation or explosive reaction when subjected to a strong initiating source or heated under confinement which is the only characteristic of reactivity expected based on the material released and the contaminants of concern. As a result, the requirements of 35 IAC 742.305(c) that any soil which contains contaminants of concern shall not exhibit any of the characteristics of reactivity for hazardous waste as determined under 35 IAC 721.123 are satisfied.

- d. Contaminated soils do not exhibit a pH \leq 2.0 or \geq 12.5; and

A soil sample submitted to Environmental Laboratories, Inc in Skokie, Illinois for laboratory pH analysis along with analysis of additional geochemical parameters on November 18, 1999 indicated a **7.75** site specific pH. Subsequent laboratory analysis of a soil sample from the temporary stockpile of contaminated soil for pH, open cup flash point, paint filter and TCLP lead performed by Prairie Analytical Systems, Inc. of Springfield, Illinois on December 30, 1999 confirmed a **pH of 7.7** which satisfies the requirements of 35 IAC 742.305(d) that any soil which contains

contaminants of concern shall not exhibit a pH less than or equal to 2.0 or greater than or equal to 12.5 pH units.

- e. Contaminated soils, which contain arsenic, barium, cadmium, chromium, lead, mercury, or selenium (or their associated salts) do not exhibit any of the toxicity characteristics of hazardous waste per 35 Ill. Adm. Code 721.124.

In accordance with 35 IAC 732.310 and Appendix B of Part 732, the indicator contaminants for USTs that contained unleaded gasoline and diesel fuel are benzene, ethylbenzene, toluene, total xylenes and the polynuclear aromatics. None of the inorganics listed (or their associated salts) are contaminants of concern for the material released and as a result are not expected to be present in any soil which contains contaminants of concern. Laboratory analysis of a soil sample from the temporary stockpile of contaminated soil for pH, open cup flash point, paint filter and TCLP lead performed by Prairie Analytical Systems, Inc. of Springfield, Illinois on December 30, 1999 confirmed that lead concentrations in soil which contains contaminants of concern does not exhibit the characteristic of toxicity for lead as determined by 35 IAC 721.124 of 5.0 mg/l.

2. A discussion of how any exposure pathways are to be excluded.

Exposure pathway exclusion is not being proposed at this time.

Tables

- 1 Soil Tier 1
- 2 Groundwater
- 3 Groundwater Elevations

TABLE 1. ANALYTICAL RESULTS

Parameter	Residential		Industrial/Commercial			Migration to Class 2 Groundwater	B-1	B-2	B-3	MW-1	MW-2	MW-3	MW-4	B-5	B-6	B-7	B-8	B-9	B-10
	Ingestion	Inhalation	Ingestion	Inhalation	Const. wkr. Inhalation		14-May-99	14-May-99	14-May-99	16-Jun-99	16-Jun-99	17-Jun-99	18-Jun-99	18-Jun-99	18-Jun-99	01-Dec-99	01-Dec-99	01-Dec-99	01-Dec-99
						7.5'	8.5'	7.5'	10'	7.5'	7.5'	10'	10'	10'	10.5'	5.5'	6.5'		
Benzene	12	0.800	100.000	1.600	2.200	0.170	0.008	6.797	1.569	0.359	3.955	2.919	3.055	1.850	2.070	3.620	9.040	2.160	3.410
Ethylbenzene	7,800	400	200,000	400	58	19	0.067	97.190	22.511	2.667	18.933	10.345	10.524	7.094	3.096	6.170	0.675	21.300	12.800
Toluene	16,000	650	410,000	650	42	29	0.005	143.481	23.216	1.726	20.401	0.319	3.823	2.788	3.096	6.170	0.675	21.300	12.800
Xylenes (Total)	160,000	320	1,000,000	320	5.6	150	0.191	428.886	183.919	2.353	56.665	12.849	9.673	5.667	8.721	79.900	61.300	38.400	42.400
Naphthalene	1,600	170	41,000	270	1.8	18	N/A	N/A	N/A	<0.030	0.360	0.790	<0.030	0.120	1.200	0.818	1.470	0.660	1.080
Acenaphthene	4,700	---	120,000	---	---	2,900	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<1.200	<1.200	<1.200	<1.200
Anthracene	23,000	---	610,000	---	---	59,000	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.660	<0.660	<0.660	<0.660
Flourathene	3,100	---	82,000	---	---	21,000	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.140	<0.140	<0.140	<0.140
Flourene	3,100	---	82,000	---	---	2,800	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.180	<0.180	<0.180	<0.180
Pyrene	2,300	---	61,000	---	---	21,000	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.180	<0.180	<0.180	<0.180
Benzo(a)anthracene	0.900	---	8.000	---	---	8.0	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.0087	<0.0087	<0.0087	<0.0087
Benzo(b)flourathene	0.900	---	8.000	---	---	82.0	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.011	<0.011	<0.011	<0.011
Benzo(k)flourathene	9.000	---	78.000	---	---	25.0	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.011	<0.011	<0.011	<0.011
Benzo(a)pyrene	0.090	---	0.800	---	---	250.0	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.015	<0.015	<0.015	<0.015
Chrysene	88.000	---	780.000	---	---	800.0	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.100	<0.100	<0.100	<0.100
Dibenzo(a,h)anthracene	0.090	---	0.800	---	---	7.6	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.020	<0.020	<0.020	<0.020
Indeno(1,2,3-cd)pyrene	0.900	---	8.000	---	---	69.0	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.029	<0.029	<0.029	<0.029
Acenaphthylene	2,300	---	61,000	---	---	120	N/A	N/A	N/A	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200	<0.660	<0.660	<0.660	<0.660
Benzo(g,h,l)perylene	2,300	---	61,000	---	---	160,000	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.051	<0.051	<0.051	<0.051
Phenathrene	2,300	---	61,000	---	---	1,100	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030	<0.660	<0.660	<0.660	<0.660

Parameter	Residential		Industrial/Commercial			Migration to Class 2 Groundwater	B-11	B-12A	B-12B	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	MW-19
	Ingestion	Inhalation	Ingestion	Inhalation	Const. wkr. Inhalation		01-Dec-99	01-Dec-99	01-Dec-99	28-Feb-00	28-Feb-00	28-Feb-00	28-Feb-00	20-Aug-01	20-Aug-01	20-Aug-01	20-Aug-01	20-Aug-01	20-Aug-01
						6.5'	7'	11'	6'	6'	6'	6'	11.5'	10.5'	4.5'	6.5'	5'	6'	
Benzene	12	0.800	100.0	1.6	2.200	0.170	2.210	4.090	1.960	<0.002	0.477	<0.002	<0.002	<0.002	0.040	<0.002	<0.002	<0.002	<0.002
Ethylbenzene	7,800	400	200,000	400	58	19	12.900	62.200	0.353	<0.002	1.840	<0.002	<0.002	0.036	5.230	0.005	<0.002	<0.002	<0.002
Toluene	16,000	650	410,000	650	42	29	0.487	13.700	0.052	<0.002	0.073	<0.002	<0.002	<0.002	0.063	0.002	<0.002	<0.002	<0.002
Xylenes (Total)	160,000	320	1,000,000	320	5.6	150	54.300	214.000	0.653	0.039	7.120	<0.005	<0.005	0.047	13.200	0.012	<0.005	<0.005	<0.005
Naphthalene	1,600	170	41,000	270	1.8	18	1.590	24.700	0.660	N/A	N/A	<0.030	<0.030	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660
Acenaphthene	4,700	---	120,000	---	---	2,900	<1.200	<1.200	<1.200	N/A	N/A	<0.030	<0.030	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660
Anthracene	23,000	---	610,000	---	---	59,000	<0.660	<0.660	<0.660	N/A	N/A	<0.030	<0.030	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660
Flourathene	3,100	---	82,000	---	---	21,000	<0.660	<0.660	<0.660	N/A	N/A	<0.030	<0.030	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660
Flourene	3,100	---	82,000	---	---	2,800	<0.140	<0.140	0.181	N/A	N/A	<0.030	<0.030	<0.140	<0.140	<0.140	<0.140	<0.140	<0.140
Pyrene	2,300	---	61,000	---	---	21,000	<0.180	<0.180	<0.180	N/A	N/A	<0.030	<0.030	<0.180	<0.180	<0.180	<0.180	<0.180	<0.180
Benzo(a)anthracene	0.900	---	8.0	---	---	8.0	<0.0087	<0.0087	<0.0087	N/A	N/A	<0.030	<0.030	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087
Benzo(b)flourathene	0.900	---	8.0	---	---	82.0	<0.011	<0.011	<0.011	N/A	N/A	<0.030	<0.030	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011
Benzo(k)flourathene	9.000	---	78.0	---	---	25.0	<0.011	<0.011	<0.011	N/A	N/A	<0.030	<0.030	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011
Benzo(a)pyrene	0.090	---	0.800	---	---	250.0	<0.015	<0.015	<0.015	N/A	N/A	<0.030	<0.030	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015
Chrysene	88.000	---	780.0	---	---	800.0	<0.100	<0.100	<0.100	N/A	N/A	<0.030	<0.030	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100
Dibenzo(a,h)anthracene	0.090	---	0.800	---	---	7.6	<0.020	<0.020	<0.020	N/A	N/A	<0.030	<0.030	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020
Indeno(1,2,3-cd)pyrene	0.900	---	8.0	---	---	69.0	<0.029	<0.029	<0.029	N/A	N/A	<0.030	<0.030	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029
Acenaphthylene	2,300	---	61,000	---	---	120	<0.660	<0.660	<0.660	N/A	N/A	<0.200	<0.200	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660
Benzo(g,h,l)perylene	2,300	---	61,000	---	---	160,000	<0.051	<0.051	<0.051	N/A	N/A	<0.030	<0.030	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051
Phenathrene	2,300	---	61,000	---	---	1,100	<0.660	<0.660	<0.660	N/A	N/A	<0.030	<0.030	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660

All values are reported in mg/kg (ppm)
Estimated or analyte detected below quantitation limit
N/A - Analysis did not include this contaminant

Parameter	Residential		Industrial/Commercial			Migration to Class 2 Groundwater	B-13	B-14	B-15	B-16	B-17	B-18	MW-20	MW-21	MW-22	MW-23
	Ingestion	Inhalation	Ingestion	Inhalation	Const. wkr. Inhalation		19-Sep-07	19-Sep-07	19-Sep-07	19-Sep-07	19-Sep-07	19-Sep-07	20-Sep-07	20-Sep-07	20-Sep-07	20-Sep-07
							6.0'	6.5'	6.0'	6.5'	6.0'	6.0'	6.5'	6.5'	6.5'	6.0'
Benzene	12	0.800	100.0	1.6	2.200	0.170	5.57	1.08	0.0571	0.092	1.09	4.08	0.005	5.37	<0.0019	0.0052
Ethylbenzene	7,800	400	200,000	400	58	19	19.6	3.84	2.29	4.82	4.57	21.4	0.0043	28.9	<0.0019	0.0048
Toluene	16,000	650	410,000	650	42	29	0.152	<0.0996	<0.0491	<0.0503	0.085	0.48	0.0107	0.331	<0.0019	0.012
Xylenes (Total)	160,000	320	1,000,000	320	5.6	150	69.3	9.39	9.82	9.78	1.22	89.4	0.0104	106	<0.0048	0.0114
Naphthalene	1,600	170	41,000	270	1.8	18	0.618	<0.0845	<0.0705	<0.0846	<0.0879	0.55	<0.0836	1.14	<0.0855	<0.0807
Acenaphthene	4,700	---	120,000	---	---	2,900	<0.0836	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807
Anthracene	23,000	---	610,000	---	---	59,000	<0.0836	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807
Flourathene	3,100	---	82,000	---	---	21,000	<0.0836	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807
Flourene	3,100	---	82,000	---	---	2,800	<0.0874	<0.0883	<0.0737	<0.0884	<0.0919	<0.0856	<0.0874	<0.0884	<0.0893	<0.0843
Pyrene	2,300	---	61,000	---	---	21,000	<0.0836	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807
Benzo(a)anthracene	0.900	---	8.0	---	---	8.0	<0.0836	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807
Benzo(b)flourathene	0.900	---	8.0	---	---	82.0	<0.0836	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807
Benzo(k)flourathene	9.000	---	78.0	---	---	25.0	<0.0836	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807
Benzo(a)pyrene	0.090	---	0.800	---	---	250.0	<0.0836	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807
Chrysene	88.000	---	780.0	---	---	800.0	<0.0836	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807
Dibenzo(a,h)anthracene	0.090	---	0.800	---	---	7.6	<0.0836	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807
Indeno(1,2,3-cd)pyrene	0.900	---	8.0	---	---	69.0	<0.0836	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807
Acenaphthylene	2,300	---	61,000	---	---	120	<0.0836	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807
Benzo(g,h,i)perylene	2,300	---	61,000	---	---	160,000	<0.0836	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807
Phenathrene	2,300	---	61,000	---	---	1,100	<0.0836	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807

All values are reported in mg/kg (ppm)

(J) Estimated or analyte detected below quantitation limit

N/A - Analysis did not include this contaminant

Electronic Filing: Received, Clerk's Office 09/18/2024

All results reported in mg/L

Table 2: Summary of Groundwater Exceedances

Ayerco 14 - Stanford

LPC# 1671203337

Springfield, IL

Sample ID	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Naphthalene
MW-1	6/21/1999	0.006	<0.0018	<0.0013	<0.0024	<0.003
MW-2	6/21/1999	0.822	1.102	0.682	1.062	0.470
MW-1	11/18/1999	0.005	<0.002	<0.002	<0.005	N/A
MW-2	11/18/1999	0.268	0.052	0.143	0.401	N/A
MW-3	11/18/1999	0.268	0.052	0.143	0.401	N/A
MW-10	5/8/2000	0.102	0.011	0.118	0.546	0.049
MW-11	5/8/2000	1.84	1.13	2.46	10.5	0.111
MW-12	5/8/2000	0.059	0.004	0.164	0.302	0.019
MW-13	5/8/2000	0.009	0.002	0.161	0.227	0.012
MW-10	8/9/2000	0.004	<0.002	0.058	0.033	<0.01
MW-11	8/9/2000	0.19	0.003	0.54	0.589	0.045
MW-12	8/9/2000	1.97	0.454	2.54	10.2	0.368
MW-13	8/9/2000	0.014	0.004	0.005	0.236	0.019
MW-12	8/22/2000	0.067	0.008	0.186	0.113	N/A
MW-10	11/2/2000	0.017	0.002	0.034	0.042	<0.01
MW-11	11/2/2000	1.05	0.159	1.77	3.17	0.385
MW-12	11/2/2000	0.033	<0.002	0.084	0.026	<0.01
MW-13	11/2/2000	<0.002	<0.002	0.028	0.02	<0.01
MW-11	11/28/2000	1.99	0.318	2.56	8.52	N/A
MW-10	2/28/2001	0.023	<0.002	0.059	0.099	0.064
MW-11	2/28/2001	1.47	0.039	2.12	1.78	1.86
MW-12	2/28/2001	0.05	<0.002	0.096	0.031	0.024
MW-13	2/28/2001	<0.002	<0.002	0.01	0.012	<0.01
MW-10	8/23/2001	0.006	0.002	0.029	0.092	0.015
MW-11	8/23/2001	0.524	0.06	0.817	1.44	0.042
MW-12	8/23/2001	0.047	<0.002	0.107	0.131	0.028
MW-13	8/23/2001	<0.002	<0.002	0.02	0.05	<0.01
MW-14	8/23/2001	<0.002	<0.002	0.123	0.143	0.021
MW-15	8/23/2001	0.047	0.004	0.24	0.42	0.028
MW-16	8/23/2001	<0.002	<0.002	<0.002	<0.005	<0.01
MW-17	8/23/2001	<0.002	<0.002	<0.002	<0.005	<0.01
MW-18	8/23/2001	<0.002	<0.002	<0.002	<0.005	<0.01
MW-19	8/23/2001	<0.002	<0.002	<0.002	<0.005	<0.01
MW-10	2/22/2002	0.005	0.003	0.029	0.035	0.054
MW-11	2/22/2002	0.416	0.024	0.513	0.581	0.054
MW-12	2/22/2002	0.016	<0.002	0.027	0.016	0.016
MW-13	2/22/2002	<0.002	<0.002	0.012	0.008	0.006
MW-14	2/22/2002	<0.002	<0.002	0.06	0.019	0.07
MW-15	2/22/2002	0.03	0.003	0.17	0.197	0.037
MW-16	2/22/2002	<0.002	<0.002	<0.002	<0.005	<0.002
MW-17	2/22/2002	<0.002	<0.002	<0.002	<0.005	<0.002
MW-18	2/22/2002	<0.002	<0.002	<0.002	<0.005	<0.002
MW-19	2/22/2002	<0.002	<0.002	<0.002	<0.005	<0.002
GW Ingestion Class 1		0.005	1	0.7	10	0.14
GW Ingestion Class 2		0.025	2.5	1	10	0.22

Electronic Filing: Received, Clerk's Office 09/18/2024

All results reported in mg/L

Table 2: Summary of Groundwater Exceedances

Ayerco 14 - Stanford

LPC# 1671203337

Springfield, IL

MW-10	8/27/2002	0.000475	0.0011	0.0301	0.03163	0.00929
MW-11	8/27/2002	0.552	0.017	0.704	0.836	0.0437
MW-12	8/27/2002	0.0182	<0.001	0.142	0.00994	0.00467
MW-13	8/27/2002	<0.000317	<0.001	0.00613	0.00286	0.00165
MW-14	8/27/2002	<0.000317	<0.001	0.0306	0.01043	0.00326
MW-15	8/27/2002	0.1	0.00636	0.372	0.109	0.0156
MW-16	8/27/2002	<0.000317	<0.001	<0.001	<0.003	0.00346
MW-17	8/27/2002	<0.000317	<0.001	<0.001	<0.003	<0.001
MW-18	8/27/2002	<0.000317	<0.001	<0.001	<0.003	0.00117
MW-19	8/27/2002	<0.000317	<0.001	<0.001	<0.003	<0.001
MW-10	8/15/2003	0.00048	<0.000383	0.00479	0.00094	0.00072
MW-11	8/15/2003	0.27	0.01	0.194	0.4724	0.0538
MW-12	8/15/2003	0.00202	<0.000383	0.00054	0.0018	0.00229
MW-13	8/15/2003	0.00044	<0.000383	0.00508	0.00517	0.00265
MW-14	8/15/2003	<0.000317	<0.000383	0.0011	0.00098	0.00051
MW-15	8/15/2003	0.0219	0.00127	0.0735	0.05212	0.01
MW-16	8/15/2003	<0.000317	<0.000383	<0.000376	<0.001397	<0.000382
MW-17	8/15/2003	<0.000317	<0.000383	<0.000376	<0.001397	<0.000382
MW-18	8/15/2003	<0.000317	<0.000383	<0.000376	<0.001397	<0.000382
MW-19	8/15/2003	0.0007	0.0011	<0.000376	<0.001397	<0.000382
MW-14	9/26/2007	<0.002	<0.002	<0.002	<0.005	<0.002
MW-20	9/26/2007	0.235	0.0739	1.5	4.72	0.164
MW-21	9/26/2007	2	0.082	4.11	16	0.78
MW-22	9/26/2007	0.0022	<0.002	<0.002	<0.005	<0.002
MW-23	9/26/2007	0.0131	<0.002	0.0029	0.0053	<0.002
MW-11	10/23/2007	0.169	<0.02	0.0292	0.375	0.108
MW-15	10/23/2007	<0.005	<0.005	0.00523	<0.015	<0.00204
GW Ingestion Class 1		0.005	1	0.7	10	0.14
GW Ingestion Class 2		0.025	2.5	1	10	0.22

Table 3 Groundwater Elevation Data

Monitor Well Identification	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22	MW-23
Surveyed Casing Elevation	602.04	603.15	603.73	603.18	603.14	601.87	601.69	602.02	602.39	603.06	603.61	602.23	601.74	600.87
Ground Surface Elevation	602.29	603.4	603.98	603.43	603.69	602.12	601.94	602.27	602.64	603.31	603.97	602.71	601.97	601.27
Resurveyed (Date: July 05)														
Depth to Water in Boring					6.50	7.50	4.50	6.50	5.00	6.00	8.00	8.00	7.25	8.00
Depth to Top of Sand	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	1.47	2.94	2.96
Top of Sand Elevation	599.04	600.15	600.73	600.18	600.14	598.87	598.69	599.02	599.39	600.06	600.61	600.76	598.80	597.91
Depth to Top of Screen	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	5.00	4.97	4.94	4.96
Top of Screen Elevation	597.04	598.15	598.73	598.18	598.14	596.87	596.69	597.02	597.39	598.06	598.61	597.26	596.80	595.91
Depth of Well Screen	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	15.00	14.97	14.94	14.96
Depth of Well Screen Elev.	587.04	588.15	588.73	588.18	588.14	586.87	586.69	587.02	587.39	588.06	588.61	587.26	586.80	585.91
Groundwater Depth														
Groundwater Elevation														
Groundwater Depth	6.32	6.83	7.5	7.21										
Groundwater Elevation	595.72	596.32	596.23	595.97										
Groundwater Depth	4.77	6.53	6.76	6.26										
Groundwater Elevation	597.27	596.62	596.97	596.92										
Groundwater Depth	7.46	6.66	7.38	7.09										
Groundwater Elevation	594.58	596.49	596.35	596.09										
Groundwater Depth	4.67	5.99	5.95	5.59										
Groundwater Elevation	597.37	597.16	597.78	597.59										
Groundwater Depth	3.9	6.12	6.98	5.76	6.12	7.64	5.7	6.02	6.34	6.48				
Groundwater Elevation	598.14	597.03	596.75	597.42	597.02	594.23	595.99	596.00	596.05	596.58				
Groundwater Depth	4.52	6.26	6.15	5.46	6.39	6.97	6.06	6.7	6.83	5.64				
Groundwater Elevation	597.52	596.89	597.58	597.72	596.75	594.90	595.63	595.32	595.56	597.42				
Groundwater Depth	4.52	6.21	6.02	5.71	6.80	7.15	6.31	6.65	6.94	5.85				
Groundwater Elevation	597.52	596.94	597.71	597.47	596.34	594.72	595.38	595.37	595.45	597.21				
Groundwater Depth	6.32	7.70	7.72	7.60	7.65	7.66	7.42	7.58	7.40	6.73				
Groundwater Elevation	595.72	595.45	596.01	595.58	595.49	594.21	594.27	594.44	594.99	596.33				
Groundwater Depth				8.61	8.60	8.69	7.81	7.90	7.87	7.51	8.29	7.31	7.92	8.74
Groundwater Elevation				594.57	594.54	593.18	593.88	594.12	594.52	595.55	595.32	594.92	593.82	592.13
Groundwater Depth		7.21				8.11								
Groundwater Elevation		595.94				593.76								
Average GW Depth	5.31	6.61	6.81	6.59	7.11	7.70	6.66	6.97	7.08	6.44	8.29	7.31	7.92	8.74
Average GW Elevation	596.73	596.54	596.92	596.59	596.03	594.17	595.03	595.05	595.31	596.62	595.32	594.92	593.82	592.13
Maximum GW Depth	7.46	7.70	7.72	8.61	8.60	8.69	7.81	7.90	7.87	7.51	8.29	7.31	7.92	8.74
Elevation for Max GW	594.58	595.45	596.01	594.57	594.54	593.18	593.88	594.12	594.52	595.55	595.32	594.92	593.82	592.13
Minimum GW Depth	3.90	5.99	5.95	5.46	6.12	6.97	5.70	6.02	6.34	5.64	8.29	7.31	7.92	8.74
Elevation for Min GW	598.14	597.16	597.78	597.72	597.02	594.90	595.99	596.00	596.05	597.42	595.32	594.92	593.82	592.13

All data reported in feet from an assumed datum.

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Figures

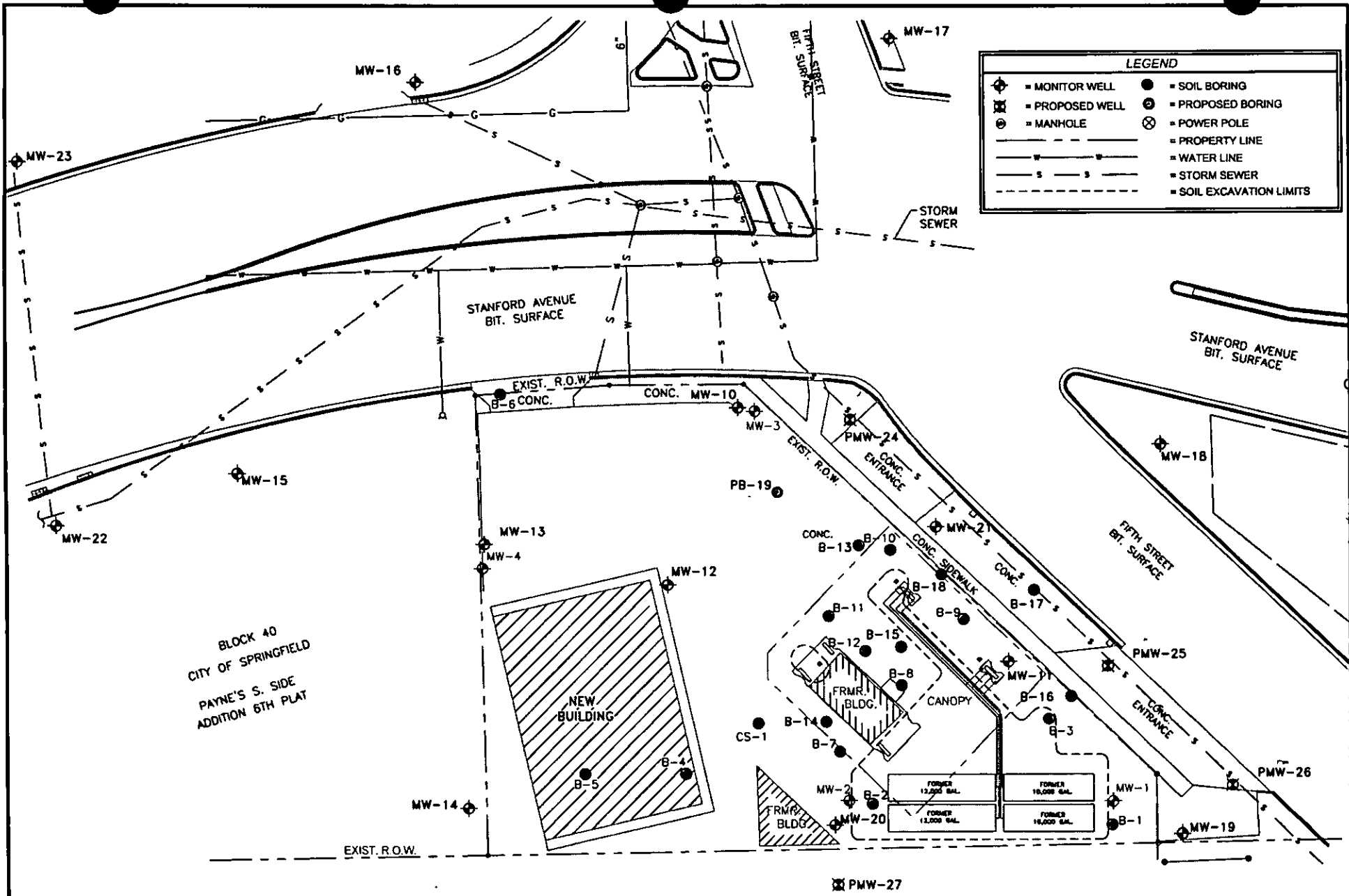


FIGURE 1: SITE MAP

SCALE: 1" : 40'

DATE: JANUARY 2008

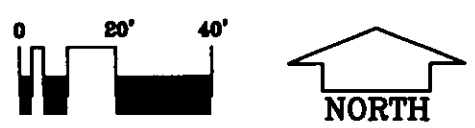
Illinois Ayers Oil Co. - Ayerco #14

430 STANFORD AVE. SPRINGFIELD, IL

CSD ENVIRONMENTAL SERVICES, INC.

2220 YALE BOULEVARD SPRINGFIELD, ILLINOIS 62703

PHONE: 217-522-4085 FAX: 217-522-4087



000032

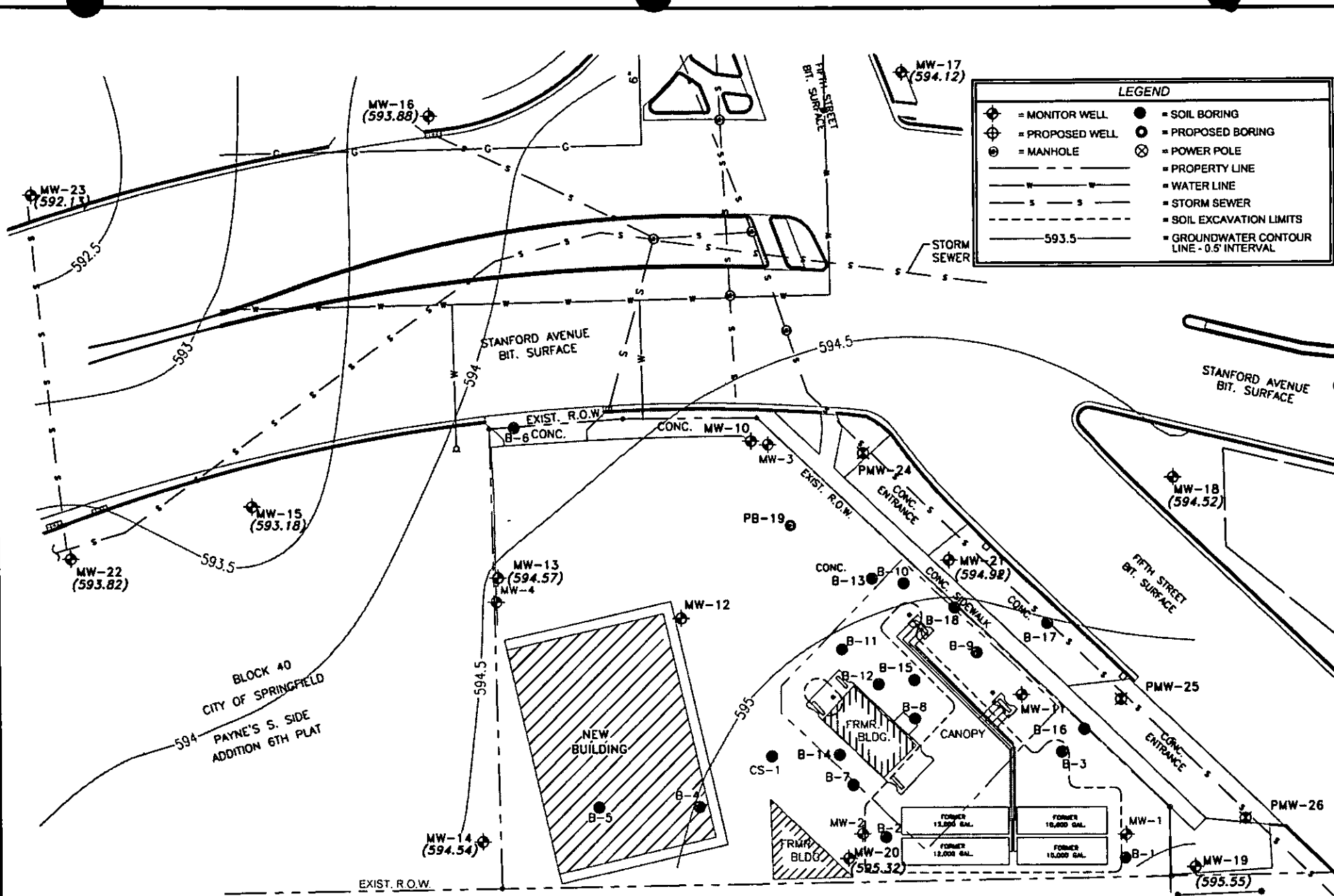
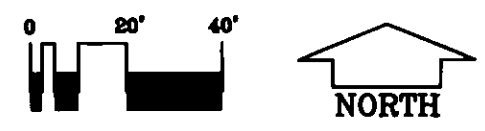


FIGURE 2: GROUNDWATER CONTOURS
 SCALE: 1" : 40' DATE: 9-26-07
 Illinois Ayers Oil Co. - Ayerco #14
 430 STANFORD AVE. SPRINGFIELD, IL

CSD ENVIRONMENTAL SERVICES, INC.
 2220 YALE BOULEVARD SPRINGFIELD, ILLINOIS 62703
 PHONE: 217-522-4085 FAX: 217-522-4087



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Appendix A

Soil Results



October 5, 2007
Project No. SG14-4126

Joseph W. Truesdale, P.E., P.G.
CSD Environmental Services, Inc.
2220 Yale Boulevard
Springfield, Illinois 62703

Subject: Geotechnical Laboratory Testing
Illinois Ayers Oil Company - Ayerco #14
430 Stanford Avenue
Springfield, Illinois

Dear Mr. Truesdale:

Please find the attached results of geotechnical testing performed on two tube samples provided to Shively Geotechnical by CSD Environmental Services, Inc. The samples were submitted for natural moisture and organic content, grain size analysis, specific gravity and bulk density measurements.

Testing was performed in accordance with the following American Society for Testing and Materials (ASTM) test methods: Organic Content - D 2974; Specific Gravity - D 854; Moisture Content - D 2216; Particle Size Analysis - D 422; and Unit Weight - D 2937. You will find tables with test results, as well as a grain size distribution curves enclosed.

We appreciate the opportunity to be of service to CSD Environmental Services, Inc. Please let us know if you have any questions or if we can be of further assistance.

Sincerely,

Shively Geotechnical, Inc.

A handwritten signature in black ink, appearing to read "Janet M. May", is written over a horizontal line.

Janet M. May
Technical Services Manager

Attachments

**LABORATORY TEST RESULTS
FOR
CSD ENVIRONMENTAL SERVICES, INC.**

**SITE:
ILLINOIS AYERS OIL COMPANY - AYERCO #14
430 STANFORD AVENUE
SPRINGFIELD, ILLINOIS**

Boring Number	Sample Identification	Sample Depth, (Feet)	ASTM D 2216	ASTM D 2216	ASTM D 854	ASTM D 2974	Fractional Organic Carbon, Content*, %
			Gravimetric Water Content, (%)	Dry Bulk Density, (g/cc)	Specific Gravity	Fractional Organic Matter Content, %	
MW-23	Tier 2A	3.0	18.8	1.437	2.72	4.1	2.4
MW-23	Tier 23B	6.5	20.8	1.540	2.84	4.2	2.4

* - Fractional Organic Carbon Content arrived by taking the fractional organic matter content and dividing the value by 1.724.

% - Percent

g/cc - Grams per cubic centimeter

October 5, 2007
Project No. SG14-4126
Shively Geotechnical, Inc.

**SUMMARY OF GRAIN SIZE TEST RESULTS
FOR
CSD ENVIRONMENTAL SERVICES, INC.**

**SITE:
ILLINOIS AYERS OIL COMPANY - AYERCO #14
430 STANFORD AVENUE
SPRINGFIELD, ILLINOIS**

Boring MW-23
Tier 2A
3.0 Feet

Sieve (U.S.)	Sieve Opening (mm)	Percent Retained
3/4 inch	19	0
No. 4	4.75	0
No. 10	2.00	0
No. 40	0.042	0
No. 200	0.075	1.0

Soil Texture	Grain Size (mm)	Percent Present
Gravel (Coarse)	>19	0
Gravel (Fine)	19 - 4.75	0
Sand (Coarse)	4.75 - 2.0	0
Sand (Medium)	1.00 - 0.420	0
Sand (Fine)	0.416 - 0.075	1.0
Silt	0.074 - 0.005	55.4
Clay	<0.005	43.6

mm - Milimeter

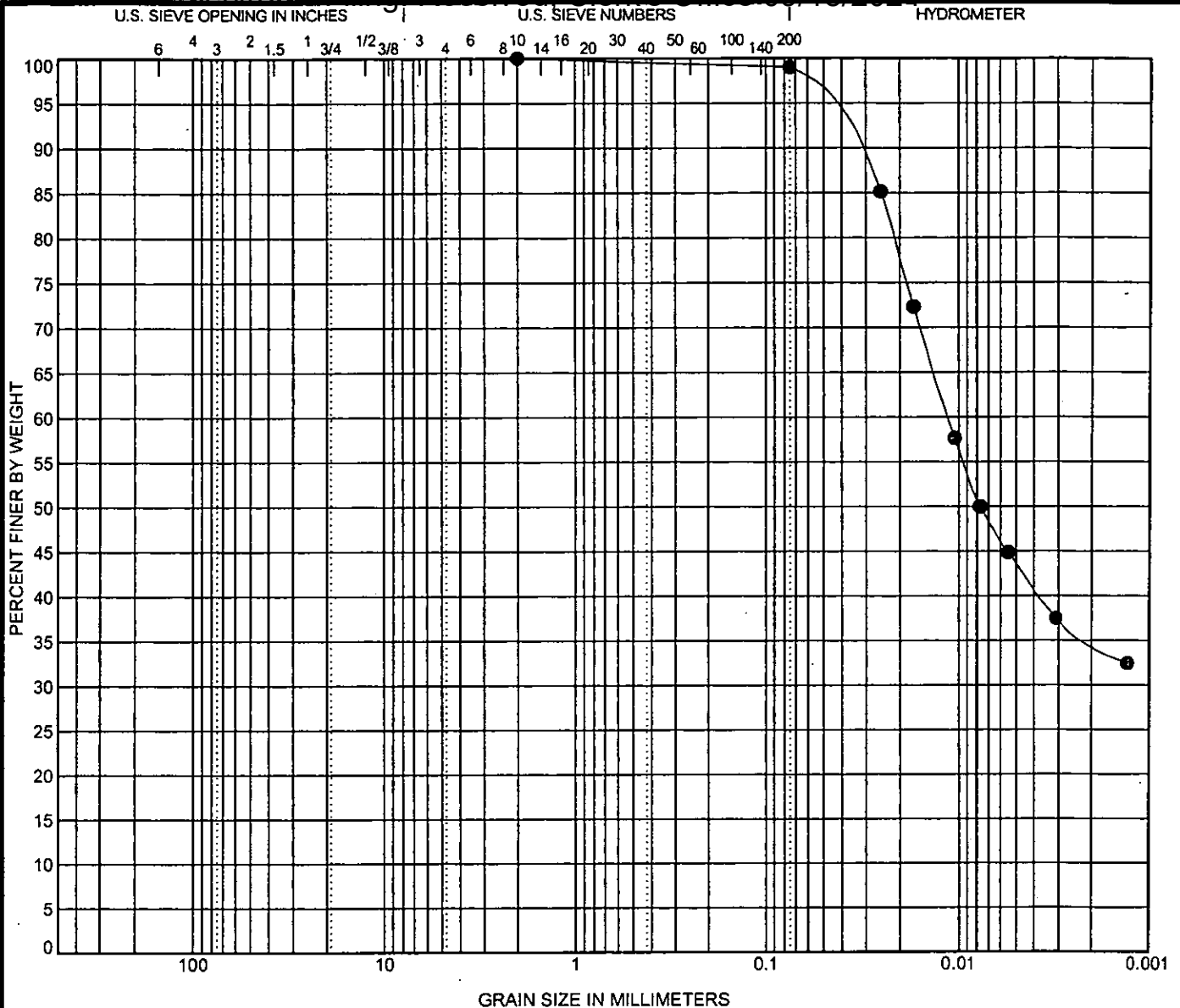
Boring MW-23
Tier 2B
6.5 Feet *

Sieve (U.S.)	Sieve Opening (mm)	Percent Retained
3/4 inch	19	0
No. 4	4.75	0
No. 10	2.00	0
No. 40	0.042	0
No. 200	0.075	0.8

Soil Texture	Grain Size (mm)	Percent Present
Gravel (Coarse)	>19	0
Gravel (Fine)	19 - 4.75	0
Sand (Coarse)	4.75 - 2.0	0
Sand (Medium)	1.00 - 0.420	0
Sand (Fine)	0.416 - 0.075	0.8
Silt	0.074 - 0.005	80.4
Clay	<0.005	18.8

October 5, 2007
Project No. SG14-4126
Shively Geotechnical, Inc.

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COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification	LL	PL	PI	Cc	Cu
● MW-23 3.0 Feet	Gray-Brown CLAY, CH					

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● MW-23 3.0 Feet	2	0.011			0.0	1.0	55.4	43.6



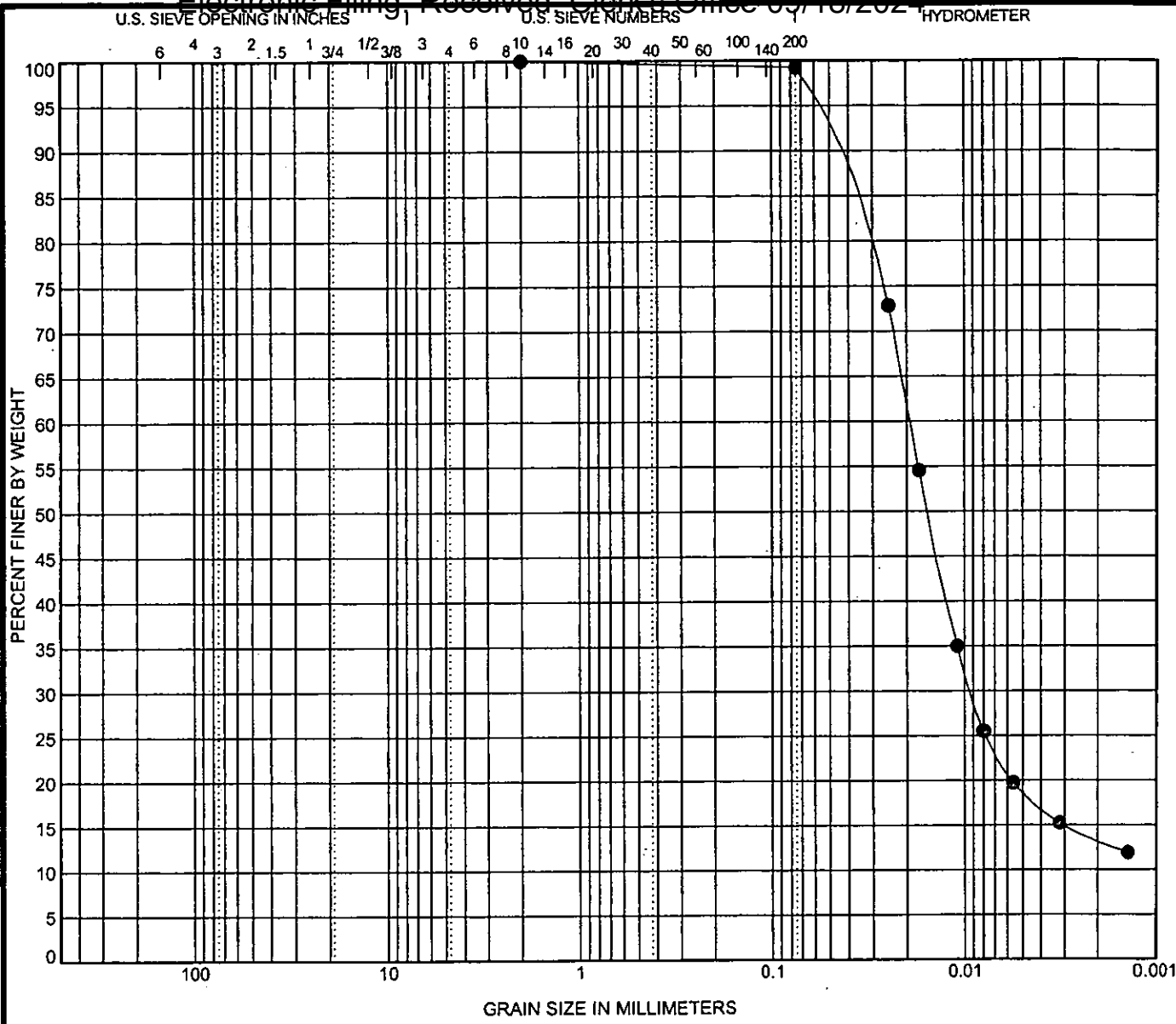
Missouri (314) 770-1001
Illinois (618) 398-1414

GRAIN SIZE DISTRIBUTION

Project Number: SG14-4126
Project: Ayerco 14 - Stanford
Location: 430 Stanford Avenue

000038

US GRAIN SIZE 4126 GINT GS CURVES.GPJ SHIVELY.GDT 10/5/07



COBBLES	GRAVEL		SAND			SILT OR CLAY
	coarse	fine	coarse	medium	fine	

Specimen Identification	Classification	LL	PL	PI	Cc	Cu
● MW-23 6.5 Feet	Gray-Brown Silty CLAY, CL					

Specimen Identification	D100	D60	D30	D10	%Gravel	%Sand	%Silt	%Clay
● MW-23 6.5 Feet	2	0.019	0.009		0.0	0.8	80.4	18.8



Missouri (314) 770-1001
Illinois (618) 398-1414

GRAIN SIZE DISTRIBUTION

Project Number: SG14-4126
Project: Ayerco 14 - Stanford
Location: 430 Stanford Avenue

U.S. GRAIN SIZE 4126 GINT GS CURVES.GPJ SHIVELY.GDT 10/5/07

Shively Geotechnical, Inc.

Chain of Custody

Project Name:	Ayerco 14 - Stanford	Main Office:	111 French Village Industrial Park, Fairview Heights, Illinois 62208 (618) 398-1414				
Owner Name:	Carl Adams, Jr.						8460 North Lindbergh Suite 10 St Louis, Mo 63031 (314) 770 - 1001
Site Location:	430 Stanford Ave.						
Collected By:	Brandon Hargrave						6707 N. Sheridan rd., Space P Peoria, IL. 61614 (309) 282-2168
Company Name:	CSD Environmental Services, Inc						Comments:

Boring Number	Sample Number	Depth (feet)	Sample Type	Date	No. of Containers	Condition Upon Arrival	Moisture Content	Soil Particle Density	Soil Particle Size	Soil Bulk Density	Natural Org. Carbon Fract. (foc)								
MW-23	Tier 2 A	3	Soil	9/20/2007	3		X	X	X	X	X								1-Tube , 2- 4oz jars
MW-23	Tier 2 B	6.5	Soil	9/20/2007	3		X	X	X	X	X								1-Tube , 2- 4oz jars

Lab Instructions: Billing Rates 07 / 06 through 06 / 07

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
			<i>Brandon Hargrave</i>	9/24/07	9:20AM

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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 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 5/57.17). This form has been approved by the Forms Management Center.

**Illinois Environmental Protection Agency
Leaking Underground Storage Tank Program
Laboratory Certification for Physical Soil Analysis**

A. Site Identification

IEMA Incident # (6 digit): 991372 IEPA Generator # (10 digit): 1671203337

Site Name: Illinois Ayers Oil Company - Ayerco #14

Site Address (Not a P.O. Box): 430 Stanford Avenue

City: Springfield County: Sangamon

B. Sample Collector

I certify that:

1. Samples were collected using ASTM procedures.

BH
(initial)

2. Chain of custody procedures were followed in the field.

BH
(initial)

3. Sample integrity was maintained by proper preservation.

BH
(initial)

4. All samples were properly labeled.

BH
(initial)

C. Laboratory Representative

I certify that:

1. Proper chain of custody procedures were followed as documented on the chain of custody forms.

[Signature]
(initial)

2. Sample integrity was maintained by proper preservation.

[Signature]
(initial)

3. All samples were properly labeled.

[Signature]
(initial)

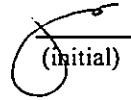
4. Quality assurance/quality control procedures were established and carried out.

[Signature]
(initial)

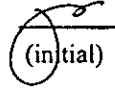
000041

(initial)

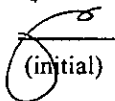
5. The test methods specified in the ASTM Standard D 422-63 or D 1140-54 were used for particle size analysis.


(initial)

6. The test methods specified in ASTM Standards D 2216-90 or D 4643-87 were used for soil moisture content.


(initial)

7. The test methods specified in ASTM Standards D 2487-90 or D 2488-90 were used for soil classification.


(initial)

8. The test methods specified in ASTM Standards D 5084-90 or D 4525-90 were used for hydraulic conductivity.

N/A
(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: Brandon Hargrave

Title: Geologist

Company: CSD Environmental Services, Inc.

Address: 2220 Yale Boulevard

Phone: (217) 522-4085

Signature: 

Date: 9-20-07

Laboratory Representative

Name: Janet M. May

Title: Technical Services Manager

Company: Shively Geotechnical, Inc.

Address: Post Office Box 1925

Phone: 618-398-1414

Signature: 

Date: 10/5/07

TMI Analytical Services, LLC

NELAC Accredited #100447

2110 N. Republic St.
Springfield, IL 62702
217-698-0642 Fax: 217-698-0656
tmi@tmilab.com

28-Sep-07

Joe Truesdale
CSD Environmental SVCS
2220 Yale Blvd
Springfield, IL 62703

TEL: 217-522-4085
FAX 217-522-4087

RE: Ayerco 14-Stanford

Order No.: 0709048

Dear Joe Truesdale:

TMI Analytical Services, LLC received 10 sample(s) on 9/20/2007 for the analyses presented in the following report.

There were no problems with the analyses unless noted on the case narrative or qualified on the analytical results. The final report includes this cover letter, analytical report and a copy of the chain of custody. It may also include but not be limited to letters of explanation or raw data.



Dr. David Carpenter
Laboratory Director

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TMI Analytical Services, LLC

Date: 01-Oct-07

CLIENT: CSD Environmental SVCS
Project: Ayerco 14-Stanford
Lab Order: 0709048

CASE NARRATIVE

All samples were received and analyzed within method required holding times unless qualified in the report. Samples met specified acceptance criteria except where noted below or qualified on the report.

Report Qualifiers:

- | | |
|---|---|
| • Increased reporting limit due to required dilution | A The laboratory control sample failed to meet the required acceptance criteria |
| B Analyte detected in the associated Method Blank | E Value above quantitation range |
| F Analyte failed to meet the required acceptance criteria for duplicate analysis | H Holding times for preparation or analysis exceeded |
| M Matrix interference(s) identified | P Chemical preservation discrepancy noted at time of analysis |
| RL Reporting Limit | Sc Scan Only |
| SUB Subcontracted | TNTC Too numerous to count |
| V Verification standard recovery failed to meet the required acceptance criteria. | |

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TMI Analytical Services, LLC

Laboratory Results

Date: 01-Oct-07

CLIENT: CSD Environmental SVCS Lab Order: 0709048
 Project: Ayerco 14-Stanford

Lab ID: 0709048-001 Collection Date: 9/19/2007 1:21:00 PM
 Client Sample ID: B-13 Matrix: SOLID

Analyses	RL	Result	Qual	Units	Date Analyzed
PNAS BY EPA 8270C					
Acenaphthene	83.6	<RL		µg/Kg-dry	9/21/2007 4:09:00 PM
Acenaphthylene	83.6	<RL		µg/Kg-dry	9/21/2007 4:09:00 PM
Anthracene	83.6	<RL		µg/Kg-dry	9/21/2007 4:09:00 PM
Benz(a)anthracene	83.6	<RL		µg/Kg-dry	9/21/2007 4:09:00 PM
Benzo(a)pyrene	83.6	<RL		µg/Kg-dry	9/21/2007 4:09:00 PM
Benzo(b)fluoranthene	83.6	<RL		µg/Kg-dry	9/21/2007 4:09:00 PM
Benzo(g,h,i)perylene	83.6	<RL		µg/Kg-dry	9/21/2007 4:09:00 PM
Benzo(k)fluoranthene	83.6	<RL		µg/Kg-dry	9/21/2007 4:09:00 PM
Chrysene	83.6	<RL		µg/Kg-dry	9/21/2007 4:09:00 PM
Dibenz(a,h)anthracene	83.6	<RL		µg/Kg-dry	9/21/2007 4:09:00 PM
Fluoranthene	83.6	<RL		µg/Kg-dry	9/21/2007 4:09:00 PM
Fluorene	87.4	<RL		µg/Kg-dry	9/21/2007 4:09:00 PM
Indeno(1,2,3-cd)pyrene	83.6	<RL		µg/Kg-dry	9/21/2007 4:09:00 PM
Naphthalene	83.6	618		µg/Kg-dry	9/21/2007 4:09:00 PM
Phenanthrene	83.6	<RL		µg/Kg-dry	9/21/2007 4:09:00 PM
Pyrene	83.6	<RL		µg/Kg-dry	9/21/2007 4:09:00 PM
VOLATILE ORGANICS, BTEX					
Methyl tert-butyl ether	109	<RL		µg/Kg-dry	9/27/2007
Benzene	1090	5570		µg/Kg-dry	9/28/2007
Toluene	109	152		µg/Kg-dry	9/27/2007
Ethylbenzene	1090	19600		µg/Kg-dry	9/28/2007
Xylenes, Total	2730	69300		µg/Kg-dry	9/28/2007
PERCENT MOISTURE					
Percent Moisture	0.5	19.9	%		9/21/2007
Percent Solids	0.5	80.1	%		9/21/2007

TMI Analytical Services, LLC

Laboratory Results

Date: 01-Oct-07

CLIENT: CSD Environmental SVCS Lab Order: 0709048
 Project: Ayerco 14-Stanford

Lab ID: 0709048-002 Collection Date: 9/19/2007 2:14:00 PM
 Client Sample ID: B-14 Matrix: SOLID

Analyses	RL	Result	Qual	Units	Date Analyzed
PNAS BY EPA 8270C					
Acenaphthene	84.5	<RL		µg/Kg-dry	9/21/2007 4:52:00 PM
Acenaphthylene	84.5	<RL		µg/Kg-dry	9/21/2007 4:52:00 PM
Anthracene	84.5	<RL		µg/Kg-dry	9/21/2007 4:52:00 PM
Benz(a)anthracene	84.5	<RL		µg/Kg-dry	9/21/2007 4:52:00 PM
Benzo(a)pyrene	84.5	<RL		µg/Kg-dry	9/21/2007 4:52:00 PM
Benzo(b)fluoranthene	84.5	<RL		µg/Kg-dry	9/21/2007 4:52:00 PM
Benzo(g,h,i)perylene	84.5	<RL		µg/Kg-dry	9/21/2007 4:52:00 PM
Benzo(k)fluoranthene	84.5	<RL		µg/Kg-dry	9/21/2007 4:52:00 PM
Chrysene	84.5	<RL		µg/Kg-dry	9/21/2007 4:52:00 PM
Dibenz(a,h)anthracene	84.5	<RL		µg/Kg-dry	9/21/2007 4:52:00 PM
Fluoranthene	84.5	<RL		µg/Kg-dry	9/21/2007 4:52:00 PM
Fluorene	88.3	<RL		µg/Kg-dry	9/21/2007 4:52:00 PM
Indeno(1,2,3-cd)pyrene	84.5	<RL		µg/Kg-dry	9/21/2007 4:52:00 PM
Naphthalene	84.5	<RL		µg/Kg-dry	9/21/2007 4:52:00 PM
Phenanthrene	84.5	<RL		µg/Kg-dry	9/21/2007 4:52:00 PM
Pyrene	84.5	<RL		µg/Kg-dry	9/21/2007 4:52:00 PM
VOLATILE ORGANICS, BTEX					
Methyl tert-butyl ether	99.6	<RL		µg/Kg-dry	9/27/2007
Benzene	99.6	1080		µg/Kg-dry	9/27/2007
Toluene	99.6	<RL		µg/Kg-dry	9/27/2007
Ethylbenzene	99.6	3840		µg/Kg-dry	9/27/2007
Xylenes, Total	249	9390		µg/Kg-dry	9/27/2007
PERCENT MOISTURE					
Percent Moisture	0.5	20.7	%		9/21/2007
Percent Solids	0.5	79.3	%		9/21/2007

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TMI Analytical Services, LLC

Laboratory Results Date: 01-Oct-07

CLIENT: CSD Environmental SVCS Lab Order: 0709048
 Project: Ayerco 14-Stanford

Lab ID: 0709048-003 Collection Date: 9/19/2007 1:55:00 PM
 Client Sample ID: B-15 Matrix: SOLID

Analyses	RL	Result	Qual	Units	Date Analyzed
PNAS BY EPA 8270C					
Acenaphthene	70.5	<RL		µg/Kg-dry	9/21/2007 5:35:00 PM
Acenaphthylene	70.5	<RL		µg/Kg-dry	9/21/2007 5:35:00 PM
Anthracene	70.5	<RL		µg/Kg-dry	9/21/2007 5:35:00 PM
Benz(a)anthracene	70.5	<RL		µg/Kg-dry	9/21/2007 5:35:00 PM
Benzo(a)pyrene	70.5	<RL		µg/Kg-dry	9/21/2007 5:35:00 PM
Benzo(b)fluoranthene	70.5	<RL		µg/Kg-dry	9/21/2007 5:35:00 PM
Benzo(g,h,i)perylene	70.5	<RL		µg/Kg-dry	9/21/2007 5:35:00 PM
Benzo(k)fluoranthene	70.5	<RL		µg/Kg-dry	9/21/2007 5:35:00 PM
Chrysene	70.5	<RL		µg/Kg-dry	9/21/2007 5:35:00 PM
Dibenz(a,h)anthracene	70.5	<RL		µg/Kg-dry	9/21/2007 5:35:00 PM
Fluoranthene	70.5	<RL		µg/Kg-dry	9/21/2007 5:35:00 PM
Fluorene	73.7	<RL		µg/Kg-dry	9/21/2007 5:35:00 PM
Indeno(1,2,3-cd)pyrene	70.5	<RL		µg/Kg-dry	9/21/2007 5:35:00 PM
Naphthalene	70.5	745		µg/Kg-dry	9/21/2007 5:35:00 PM
Phenanthrene	70.5	<RL		µg/Kg-dry	9/21/2007 5:35:00 PM
Pyrene	70.5	<RL		µg/Kg-dry	9/21/2007 5:35:00 PM
VOLATILE ORGANICS, BTEX					
Methyl tert-butyl ether	49.1	<RL		µg/Kg-dry	9/27/2007
Benzene	49.1	57.1		µg/Kg-dry	9/27/2007
Toluene	49.1	<RL		µg/Kg-dry	9/27/2007
Ethylbenzene	196	2290		µg/Kg-dry	9/28/2007
Xylenes, Total	491	9820		µg/Kg-dry	9/28/2007
PERCENT MOISTURE					
Percent Moisture	0.5	5.0	%		9/21/2007
Percent Solids	0.5	95.0	%		9/21/2007

TMI Analytical Services, LLC

Laboratory Results Date: 01-Oct-07

CLIENT: CSD Environmental SVCS Lab Order: 0709048
 Project: Ayerco 14-Stanford

Lab ID: 0709048-004 Collection Date: 9/19/2007 11:51:00 AM
 Client Sample ID: B-16 Matrix: SOLID

Analyses	RL	Result	Qual	Units	Date Analyzed
PNAS BY EPA 8270C					
Acenaphthene	84.6	<RL		µg/Kg-dry	9/21/2007 6:18:00 PM
Acenaphthylene	84.6	<RL		µg/Kg-dry	9/21/2007 6:18:00 PM
Anthracene	84.6	<RL		µg/Kg-dry	9/21/2007 6:18:00 PM
Benz(a)anthracene	84.6	<RL		µg/Kg-dry	9/21/2007 6:18:00 PM
Benzo(a)pyrene	84.6	<RL		µg/Kg-dry	9/21/2007 6:18:00 PM
Benzo(b)fluoranthene	84.6	<RL		µg/Kg-dry	9/21/2007 6:18:00 PM
Benzo(g,h,i)perylene	84.6	<RL		µg/Kg-dry	9/21/2007 6:18:00 PM
Benzo(k)fluoranthene	84.6	<RL		µg/Kg-dry	9/21/2007 6:18:00 PM
Chrysene	84.6	<RL		µg/Kg-dry	9/21/2007 6:18:00 PM
Dibenz(a,h)anthracene	84.6	<RL		µg/Kg-dry	9/21/2007 6:18:00 PM
Fluoranthene	84.6	<RL		µg/Kg-dry	9/21/2007 6:18:00 PM
Fluorene	88.4	<RL		µg/Kg-dry	9/21/2007 6:18:00 PM
Indeno(1,2,3-cd)pyrene	84.6	<RL		µg/Kg-dry	9/21/2007 6:18:00 PM
Naphthalene	84.6	152		µg/Kg-dry	9/21/2007 6:18:00 PM
Phenanthrene	84.6	<RL		µg/Kg-dry	9/21/2007 6:18:00 PM
Pyrene	84.6	<RL		µg/Kg-dry	9/21/2007 6:18:00 PM
VOLATILE ORGANICS, BTEX					
Methyl tert-butyl ether	50.3	<RL		µg/Kg-dry	9/27/2007
Benzene	50.3	92.0		µg/Kg-dry	9/27/2007
Toluene	50.3	<RL		µg/Kg-dry	9/27/2007
Ethylbenzene	201	4820		µg/Kg-dry	9/28/2007
Xylenes, Total	503	9780		µg/Kg-dry	9/28/2007
PERCENT MOISTURE					
Percent Moisture	0.5	20.8	%		9/21/2007
Percent Solids	0.5	79.2	%		9/21/2007

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TMI Analytical Services, LLC

Laboratory Results

Date: 01-Oct-07

CLIENT: CSD Environmental SVCS
Project: Ayarco 14-Stanford

Lab Order: 0709048

Lab ID: 0709048-005
Client Sample ID: B-17

Collection Date: 9/19/2007 1:10:00 PM
Matrix: SOLID

Analyses	RL	Result	Qual	Units	Date Analyzed
PNAS BY EPA 8270C					
Acenaphthene	87.9	<RL		µg/Kg-dry	9/21/2007 7:01:00 PM
Acenaphthylene	87.9	<RL		µg/Kg-dry	9/21/2007 7:01:00 PM
Anthracene	87.9	<RL		µg/Kg-dry	9/21/2007 7:01:00 PM
Benz(a)anthracene	87.9	<RL		µg/Kg-dry	9/21/2007 7:01:00 PM
Benzo(a)pyrene	87.9	<RL		µg/Kg-dry	9/21/2007 7:01:00 PM
Benzo(b)fluoranthene	87.9	<RL		µg/Kg-dry	9/21/2007 7:01:00 PM
Benzo(g,h,i)perylene	87.9	<RL		µg/Kg-dry	9/21/2007 7:01:00 PM
Benzo(k)fluoranthene	87.9	<RL		µg/Kg-dry	9/21/2007 7:01:00 PM
Chrysene	87.9	<RL		µg/Kg-dry	9/21/2007 7:01:00 PM
Dibenz(a,h)anthracene	87.9	<RL		µg/Kg-dry	9/21/2007 7:01:00 PM
Fluoranthene	87.9	<RL		µg/Kg-dry	9/21/2007 7:01:00 PM
Fluorene	91.9	<RL		µg/Kg-dry	9/21/2007 7:01:00 PM
Indeno(1,2,3-cd)pyrene	87.9	<RL		µg/Kg-dry	9/21/2007 7:01:00 PM
Naphthalene	87.9	<RL		µg/Kg-dry	9/21/2007 7:01:00 PM
Phenanthrene	87.9	<RL		µg/Kg-dry	9/21/2007 7:01:00 PM
Pyrene	87.9	<RL		µg/Kg-dry	9/21/2007 7:01:00 PM
VOLATILE ORGANICS, BTEX					
Methyl tert-butyl ether	59.3	<RL		µg/Kg-dry	9/28/2007
Benzene	59.3	1090		µg/Kg-dry	9/28/2007
Toluene	59.3	85.0		µg/Kg-dry	9/28/2007
Ethylbenzene	237	4570		µg/Kg-dry	9/28/2007
Xylenes, Total	148	1220		µg/Kg-dry	9/28/2007
PERCENT MOISTURE					
Percent Moisture	0.5	23.8	%		9/21/2007
Percent Solids	0.5	76.2	%		9/21/2007

TMI Analytical Services, LLC

Laboratory Results

Date: 01-Oct-07

CLIENT: CSD Environmental SVCS
Project: Ayarco 14-Stanford

Lab Order: 0709048

Lab ID: 0709048-006
Client Sample ID: B-18

Collection Date: 9/19/2007 12:27:00 PM
Matrix: SOLID

Analyses	RL	Result	Qual	Units	Date Analyzed
PNAS BY EPA 8270C					
Acenaphthene	81.9	<RL		µg/Kg-dry	9/21/2007 7:44:00 PM
Acenaphthylene	81.9	<RL		µg/Kg-dry	9/21/2007 7:44:00 PM
Anthracene	81.9	<RL		µg/Kg-dry	9/21/2007 7:44:00 PM
Benz(a)anthracene	81.9	<RL		µg/Kg-dry	9/21/2007 7:44:00 PM
Benzo(a)pyrene	81.9	<RL		µg/Kg-dry	9/21/2007 7:44:00 PM
Benzo(b)fluoranthene	81.9	<RL		µg/Kg-dry	9/21/2007 7:44:00 PM
Benzo(g,h,i)perylene	81.9	<RL		µg/Kg-dry	9/21/2007 7:44:00 PM
Benzo(k)fluoranthene	81.9	<RL		µg/Kg-dry	9/21/2007 7:44:00 PM
Chrysene	81.9	<RL		µg/Kg-dry	9/21/2007 7:44:00 PM
Dibenz(a,h)anthracene	81.9	<RL		µg/Kg-dry	9/21/2007 7:44:00 PM
Fluoranthene	81.9	<RL		µg/Kg-dry	9/21/2007 7:44:00 PM
Fluorene	85.6	<RL		µg/Kg-dry	9/21/2007 7:44:00 PM
Indeno(1,2,3-cd)pyrene	81.9	<RL		µg/Kg-dry	9/21/2007 7:44:00 PM
Naphthalene	81.9	550		µg/Kg-dry	9/21/2007 7:44:00 PM
Phenanthrene	81.9	<RL		µg/Kg-dry	9/21/2007 7:44:00 PM
Pyrene	81.9	<RL		µg/Kg-dry	9/21/2007 7:44:00 PM
VOLATILE ORGANICS, BTEX					
Methyl tert-butyl ether	56.1	<RL		µg/Kg-dry	9/28/2007
Benzene	56.1	4080		µg/Kg-dry	9/28/2007
Toluene	56.1	480		µg/Kg-dry	9/28/2007
Ethylbenzene	56.1	21400		µg/Kg-dry	9/28/2007
Xylenes, Total	1400	89400	E	µg/Kg-dry	9/28/2007
PERCENT MOISTURE					
Percent Moisture	0.5	18.2	%		9/21/2007
Percent Solids	0.5	81.8	%		9/21/2007

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TMI Analytical Services, LLC

Laboratory Results Date: 01-Oct-07

CLIENT: CSD Environmental SVCS Lab Order: 0709048
 Project: Ayerco 14-Stanford

Lab ID: 0709048-007 Collection Date: 9/20/2007 9:35:00 AM
 Client Sample ID: MW-20 Matrix: SOLID

Analyses	RL	Result	Qual	Units	Date Analyzed
PNAS BY EPA 8270C					
Acenaphthene	83.6	<RL		µg/Kg-dry	9/21/2007 8:26:00 PM
Acenaphthylene	83.6	<RL		µg/Kg-dry	9/21/2007 8:26:00 PM
Anthracene	83.6	<RL		µg/Kg-dry	9/21/2007 8:26:00 PM
Benz(a)anthracene	83.6	<RL		µg/Kg-dry	9/21/2007 8:26:00 PM
Benzo(a)pyrene	83.6	<RL		µg/Kg-dry	9/21/2007 8:26:00 PM
Benzo(b)fluoranthene	83.6	<RL		µg/Kg-dry	9/21/2007 8:26:00 PM
Benzo(g,h,i)perylene	83.6	<RL		µg/Kg-dry	9/21/2007 8:26:00 PM
Benzo(k)fluoranthene	83.6	<RL		µg/Kg-dry	9/21/2007 8:26:00 PM
Chrysene	83.6	<RL		µg/Kg-dry	9/21/2007 8:26:00 PM
Dibenz(a,h)anthracene	83.6	<RL		µg/Kg-dry	9/21/2007 8:26:00 PM
Fluoranthene	83.6	<RL		µg/Kg-dry	9/21/2007 8:26:00 PM
Fluorene	87.4	<RL		µg/Kg-dry	9/21/2007 8:26:00 PM
Indeno(1,2,3-cd)pyrene	83.6	<RL		µg/Kg-dry	9/21/2007 8:26:00 PM
Naphthalene	83.6	<RL		µg/Kg-dry	9/21/2007 8:26:00 PM
Phenanthrene	83.6	<RL		µg/Kg-dry	9/21/2007 8:26:00 PM
Pyrene	83.6	<RL		µg/Kg-dry	9/21/2007 8:26:00 PM
VOLATILE ORGANICS, BTEX					
Methyl tert-butyl ether	2.0	<RL		µg/Kg-dry	9/27/2007
Benzene	2.0	4.7		µg/Kg-dry	9/27/2007
Toluene	2.0	10.7		µg/Kg-dry	9/27/2007
Ethylbenzene	2.0	4.3		µg/Kg-dry	9/27/2007
Xylenes, Total	4.9	10.4		µg/Kg-dry	9/27/2007
PERCENT MOISTURE					
Percent Moisture	0.5	19.9	%		9/21/2007
Percent Solids	0.5	80.1	%		9/21/2007

TMI Analytical Services, LLC

Laboratory Results Date: 01-Oct-07

CLIENT: CSD Environmental SVCS Lab Order: 0709048
 Project: Ayerco 14-Stanford

Lab ID: 0709048-008 Collection Date: 9/20/2007 10:16:00 AM
 Client Sample ID: MW-21 Matrix: SOLID

Analyses	RL	Result	Qual	Units	Date Analyzed
PNAS BY EPA 8270C					
Acenaphthene	84.6	<RL		µg/Kg-dry	9/21/2007 9:10:00 PM
Acenaphthylene	84.6	<RL		µg/Kg-dry	9/21/2007 9:10:00 PM
Anthracene	84.6	<RL		µg/Kg-dry	9/21/2007 9:10:00 PM
Benz(a)anthracene	84.6	<RL		µg/Kg-dry	9/21/2007 9:10:00 PM
Benzo(a)pyrene	84.6	<RL		µg/Kg-dry	9/21/2007 9:10:00 PM
Benzo(b)fluoranthene	84.6	<RL		µg/Kg-dry	9/21/2007 9:10:00 PM
Benzo(g,h,i)perylene	84.6	<RL		µg/Kg-dry	9/21/2007 9:10:00 PM
Benzo(k)fluoranthene	84.6	<RL		µg/Kg-dry	9/21/2007 9:10:00 PM
Chrysene	84.6	<RL		µg/Kg-dry	9/21/2007 9:10:00 PM
Dibenz(a,h)anthracene	84.6	<RL		µg/Kg-dry	9/21/2007 9:10:00 PM
Fluoranthene	84.6	<RL		µg/Kg-dry	9/21/2007 9:10:00 PM
Fluorene	88.4	<RL		µg/Kg-dry	9/21/2007 9:10:00 PM
Indeno(1,2,3-cd)pyrene	84.6	<RL		µg/Kg-dry	9/21/2007 9:10:00 PM
Naphthalene	84.6	1140	M	µg/Kg-dry	9/21/2007 9:10:00 PM
Phenanthrene	84.6	<RL		µg/Kg-dry	9/21/2007 9:10:00 PM
Pyrene	84.6	<RL		µg/Kg-dry	9/21/2007 9:10:00 PM
VOLATILE ORGANICS, BTEX					
Methyl tert-butyl ether	55.5	<RL		µg/Kg-dry	9/28/2007
Benzene	1110	5370		µg/Kg-dry	9/28/2007
Toluene	55.5	331		µg/Kg-dry	9/28/2007
Ethylbenzene	1110	28900		µg/Kg-dry	9/28/2007
Xylenes, Total	2770	106000		µg/Kg-dry	9/28/2007
PERCENT MOISTURE					
Percent Moisture	0.5	20.8	%		9/21/2007
Percent Solids	0.5	79.2	%		9/21/2007

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TMI Analytical Services, LLC

Laboratory Results Date: 01-Oct-07

CLIENT: CSD Environmental SVCS Lab Order: 0709048
 Project: Ayerco 14-Stanford

Lab ID: 0709048-009 Collection Date: 9/20/2007 10:47:00 AM
 Client Sample ID: MW-22 Matrix: SOLID

Analyses	RL	Result	Qual	Units	Date Analyzed
PNAS BY EPA 8270C					
Acenaphthene	85.5	<RL		µg/Kg-dry	9/24/2007 11:33:00 PM
Acenaphthylene	85.5	<RL		µg/Kg-dry	9/24/2007 11:33:00 PM
Anthracene	85.5	<RL		µg/Kg-dry	9/24/2007 11:33:00 PM
Benz(a)anthracene	85.5	<RL		µg/Kg-dry	9/24/2007 11:33:00 PM
Benzo(a)pyrene	85.5	<RL		µg/Kg-dry	9/24/2007 11:33:00 PM
Benzo(b)fluoranthene	85.5	<RL		µg/Kg-dry	9/24/2007 11:33:00 PM
Benzo(g,h,i)perylene	85.5	<RL		µg/Kg-dry	9/24/2007 11:33:00 PM
Benzo(k)fluoranthene	85.5	<RL		µg/Kg-dry	9/24/2007 11:33:00 PM
Chrysene	85.5	<RL		µg/Kg-dry	9/24/2007 11:33:00 PM
Dibenz(a,h)anthracene	85.5	<RL		µg/Kg-dry	9/24/2007 11:33:00 PM
Fluoranthene	85.5	<RL		µg/Kg-dry	9/24/2007 11:33:00 PM
Fluorene	89.3	<RL		µg/Kg-dry	9/24/2007 11:33:00 PM
Indeno(1,2,3-cd)pyrene	85.5	<RL		µg/Kg-dry	9/24/2007 11:33:00 PM
Naphthalene	85.5	<RL		µg/Kg-dry	9/24/2007 11:33:00 PM
Phenanthrene	85.5	<RL		µg/Kg-dry	9/24/2007 11:33:00 PM
Pyrene	85.5	<RL		µg/Kg-dry	9/24/2007 11:33:00 PM
VOLATILE ORGANICS, BTEX					
Methyl tert-butyl ether	1.9	<RL		µg/Kg-dry	9/27/2007
Benzene	1.9	<RL		µg/Kg-dry	9/27/2007
Toluene	1.9	<RL		µg/Kg-dry	9/27/2007
Ethylbenzene	1.9	<RL		µg/Kg-dry	9/27/2007
Xylenes, Total	4.8	<RL		µg/Kg-dry	9/27/2007
PERCENT MOISTURE					
Percent Moisture	0.5	21.6	%		9/21/2007
Percent Solids	0.5	78.4	%		9/21/2007

TMI Analytical Services, LLC

Laboratory Results Date: 01-Oct-07

CLIENT: CSD Environmental SVCS Lab Order: 0709048
 Project: Ayerco 14-Stanford

Lab ID: 0709048-010 Collection Date: 9/20/2007 11:12:00 AM
 Client Sample ID: MW-23 Matrix: SOLID

Analyses	RL	Result	Qual	Units	Date Analyzed
PNAS BY EPA 8270C					
Acenaphthene	80.7	<RL		µg/Kg-dry	9/21/2007 9:52:00 PM
Acenaphthylene	80.7	<RL		µg/Kg-dry	9/21/2007 9:52:00 PM
Anthracene	80.7	<RL		µg/Kg-dry	9/21/2007 9:52:00 PM
Benz(a)anthracene	80.7	<RL		µg/Kg-dry	9/21/2007 9:52:00 PM
Benzo(a)pyrene	80.7	<RL		µg/Kg-dry	9/21/2007 9:52:00 PM
Benzo(b)fluoranthene	80.7	<RL		µg/Kg-dry	9/21/2007 9:52:00 PM
Benzo(g,h,i)perylene	80.7	<RL		µg/Kg-dry	9/21/2007 9:52:00 PM
Benzo(k)fluoranthene	80.7	<RL		µg/Kg-dry	9/21/2007 9:52:00 PM
Chrysene	80.7	<RL		µg/Kg-dry	9/21/2007 9:52:00 PM
Dibenz(a,h)anthracene	80.7	<RL		µg/Kg-dry	9/21/2007 9:52:00 PM
Fluoranthene	80.7	<RL		µg/Kg-dry	9/21/2007 9:52:00 PM
Fluorene	84.3	<RL		µg/Kg-dry	9/21/2007 9:52:00 PM
Indeno(1,2,3-cd)pyrene	80.7	<RL		µg/Kg-dry	9/21/2007 9:52:00 PM
Naphthalene	80.7	<RL		µg/Kg-dry	9/21/2007 9:52:00 PM
Phenanthrene	80.7	<RL		µg/Kg-dry	9/21/2007 9:52:00 PM
Pyrene	80.7	<RL		µg/Kg-dry	9/21/2007 9:52:00 PM
VOLATILE ORGANICS, BTEX					
Methyl tert-butyl ether	2.0	<RL		µg/Kg-dry	9/27/2007
Benzene	2.0	5.2		µg/Kg-dry	9/27/2007
Toluene	2.0	12.0		µg/Kg-dry	9/27/2007
Ethylbenzene	2.0	4.8		µg/Kg-dry	9/27/2007
Xylenes, Total	5.0	11.4		µg/Kg-dry	9/27/2007
PERCENT MOISTURE					
Percent Moisture	0.5	17.0	%		9/21/2007
Percent Solids	0.5	83.0	%		9/21/2007

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TMI Analytical Services, LLC

CHAIN OF CUSTODY RECORD

10/1

2110 Republic Street Springfield, Illinois 62702

Phone: (217) 698-0642

Fax: (217) 698-0656

TMI@TMIlab.com

Company Name: **CSD Environmental Services, Inc.**

Company Address: **2220 Yale Boulevard**

City: **Springfield** State: **IL** Zip: **62703**

Phone: **(217) 522-4085** Fax: **(217) 522-4087** Fax Report

Email Address: **jtruesdale@csdenviro.com** Email Report

Project ID / Location: **Ayerco 14 - Stanford**

Project Manager (Report to): **Joe Truesdale**

Sample Collector(s): **Brandon Hargrave**

TURNAROUND TIME REQUESTED

Normal RUSH*

*Date & Time Needed:

Normal TAT is 7-10 work days for most work. Rush work must be pre-approved.

Specify Regulatory Program: Info only (Required)

IL LUST RCRA IL SRP

MO PST NPDES MO B/VCP

Disposal Other* *Please specify in comments.

ANALYSIS & METHOD REQUESTED

Enter an "X" in box below for request

BTEX / MTBE (EPA 5035 & 8260B)	
PNA's (EPA 8270C)	
Soil Dry Density (ASTM D 2937)	
Moisture Content (ASTM D 2216)	
Soil Classification (ASTM D 2488-90)	
Organic Carbon (ASTM D 2974)	
Soil Particle Size (ASTM D 422)	

Page **1** of **1**

PO No.: **991372**

IEMA No.: **991372**

QC Reporting Level: 1 2 3

LAB USE ONLY

Order No.:

Shipment received with custody seal in place? Yes No

Temperature of samples received:

Samples received on ice or otherwise cooled? Yes No

Remark: **LAB #**

SAMPLE IDENTIFICATION (Please use 1 line per container type)	DEPTH B.G.S.	COLLECTION		SAMPLE MATRIX	GRAB/COMP.	CONTAINERS		PRESERVATIVE	BTEX / MTBE (EPA 5035 & 8260B)	PNA's (EPA 8270C)	Soil Dry Density (ASTM D 2937)	Moisture Content (ASTM D 2216)	Soil Classification (ASTM D 2488-90)	Organic Carbon (ASTM D 2974)	Soil Particle Size (ASTM D 422)	REMARK
		DATE	TIME			Qty	SIZE & TYPE									
1 Tier 2 A				SOIL	GRAB/											
2 Tier 2B				SOIL	GRAB/											
3 B-13	6.5'	9/19	1:21	SOIL	GRAB/	4	40ml/4oz	Various	X	X						07090488
4 B-14			2:14	SOIL	GRAB/				X	X						07090488
5 B-15			1:55	SOIL	GRAB/				X	X						07090488
6 B-16			11:57	SOIL	GRAB/				X	X						07090488
7 B-17			1:10	SOIL	GRAB/				X	X						07090488
8 B-18			12:27	SOIL	GRAB/				X	X						07090488
9 MW-20		9/20	9:35	SOIL	GRAB/				X	X						07090488
10 MW-21			10:16	SOIL	GRAB/				X	X						07090488
11 MW-22			10:47	SOIL	GRAB/				X	X						07090488
12 MW-23			11:12	SOIL	GRAB/				X	X						07090488

MATRIX: Drinking Water (DW), Soil (S), Waste Water (WW), Surface Water (SW), Ground Water (GW), Solid Waste (WA).

CONTAINER: 2oz, 4oz, 8oz, 40ml VOA Liter (L), Tube (T), Glass (G), Plastic (P)

PRESERVATIVE: H₂O₂, HCl, HNO₃, Methanol (MeOH), Na₂SO₃, Sodium Bisulfate (NaB), NaThio

COMMENTS & SPECIAL INSTRUCTIONS:

BILLING CATEGORY: 20 06 - 20 07

- REMARK CODES**
- Improper/damaged container/cap
 - Improper preservation
 - Insufficient sample volume
 - Headspace/air bubbles for VOCs
 - Received past holding time
 - Received frozen
 - Label conflicts with COC

1. Relinquished By: Brandon Hargrave	Date: 9-20-07	2. Relinquished By:	Date:	3. Relinquished By:	Date:
Signature: Brandon Hargrave	Time:	Signature:	Time:	Signature:	Time:
Received By:	Date:	Received By:	Date:	Received By: Ryndon	Date: 9/20/07
Signature:	Time:	Signature:	Time:	Signature:	Time: 2:01

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 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 5/57.17). This form has been approved by the Forms Management Center.

**Illinois Environmental Protection Agency
Leaking Underground Storage Tank Program
Laboratory Certification for Chemical Analysis**

A. Site Identification

IEMA Incident # (6 digit): 991372 IEPA Generator # (10 digit): 1671203337

Site Name: Illinois Ayers Oil Company - Ayerco #14

Site Address (Not a P.O. Box): 430 Stanford Avenue

City: Springfield County: Sangamon

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.

BH
(initial)

BH
(initial)

BH
(initial)

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

DR
(initial)

DR
(initial)

DR
(initial)

DR
(initial)

DR
(initial)

DR
(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

Laboratory Representative

Name: Brandon Hargrave

Name: DAVIN CARPENTER

Title: Geologist

Title: LAB DIRECTOR

Company: CSD Environmental Services, Inc.

Company: TMI Analytical Services

Address: 220 Yale Boulevard
Springfield, Illinois 62703

Address: 2110 N. Republic Street
Springfield, IL 62702

Phone: (217) 522-4085

Phone: (217) 698-0642

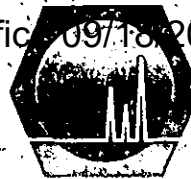
Signature: Brandon Hargrave

Signature: David F. Carpenter

Date: 9-20-07

Date: Oct 2, 2007

Prairie



Analytical
Systems, INCORPORATED

23 August 2001

Mr. Rob McEvoy
CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490

Phone: 217-753-1148

FAX: 217-753-1152

E-Mail: IL100323@aol.com

RE: PAS Project Code **CSD-586**

Dear Mr. McEvoy,

This report contains the analytical results for **Ayerco #14** samples received under chain of custody by Prairie Analytical Systems, Inc. on 20-Aug-01.

All applicable quality control procedures met method specific acceptance criteria.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to call me at (217) 753-1148.

Sincerely,

Stephen R. Johnson
Laboratory Director

CC: Project File

Certificate of Analysis

CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490
Phone: 217-753-1148
Facsimile: 217-753-1152
E-Mail: IL100323@aol.com

Client Project: **Ayerco #14**
PAS Project Code: CSD-586

Sample Description:	MW14	MW15	MW16	MW17	MW18
PAS Sample Number:	01082010524	01082010525	01082010526	01082010527	01082010528
Matrix:	Solid	Solid	Solid	Solid	Solid
Date Sampled:	20-Aug-01	20-Aug-01	20-Aug-01	20-Aug-01	20-Aug-01
Date Received:	20-Aug-01	20-Aug-01	20-Aug-01	20-Aug-01	20-Aug-01
Date Analyzed:	22-Aug-01	22-Aug-01	22-Aug-01	22-Aug-01	22-Aug-01
Date Reported:	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01

Organic Compound(s) Analysis

Parameter(s)	RL / Unit	Result	Result	Result	Result	Result	Method
BTEX							
Benzene	0.002 mg/kg	U	0.040	U	U	U	5035/82608(1)
Toluene	0.002 mg/kg	U	0.063	0.002	U	U	5035/82608(1)
Ethylbenzene	0.002 mg/kg	0.036	5.23	0.005	U	U	5035/82608(1)
Total Xylenes	0.005 mg/kg	0.047	13.2	0.012	U	U	5035/82608(1)
PAH(s)							
Naphthalene	0.660 mg/kg	U	U	U	U	U	8270C(1)
Acenaphthene	1.200 mg/kg	U	U	U	U	U	8270C(1)
Anthracene	0.660 mg/kg	U	U	U	U	U	8270C(1)
Fluoranthene	0.660 mg/kg	U	U	U	U	U	8270C(1)
Fluorene	0.140 mg/kg	U	U	U	U	U	8270C(1)
Pyrene	0.180 mg/kg	U	U	U	U	U	8270C(1)
Benzo (a) Anthracene	0.0087 mg/kg	U	U	U	U	U	8270C(1)
Benzo (a) Pyrene	0.015 mg/kg	U	U	U	U	U	8270C(1)
Benzo (b) Fluoranthene	0.011 mg/kg	U	U	U	U	U	8270C(1)
Benzo (k) Fluoranthene	0.011 mg/kg	U	U	U	U	U	8270C(1)
Chrysene	0.100 mg/kg	U	U	U	U	U	8270C(1)
Dibenzo (a,h) Anthracene	0.020 mg/kg	U	U	U	U	U	8270C(1)
Indeno (1,2,3-c,d) Pyrene	0.029 mg/kg	U	U	U	U	U	8270C(1)
Acenaphthylene	0.660 mg/kg	U	U	U	U	U	8270C(1)
Benzo (g,h,i) Perylene	0.051 mg/kg	U	U	U	U	U	8270C(1)
Phenanthrene	0.660 mg/kg	U	U	U	U	U	8270C(1)

Certificate of Analysis

CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490
Phone: 217-753-1148
Facsimile: 217-753-1152
E-Mail: IL100323@aol.com

Client Project: **Ayerco #14**
PAS Project Code: CSD-586

Sample Description:	MW19	--	--	--	--
PAS Sample Number:	01082010529	--	--	--	--
Matrix:	Solid	--	--	--	--
Date Sampled:	20-Aug-01	--	--	--	--
Date Received:	20-Aug-01	--	--	--	--
Date Analyzed:	22-Aug-01	--	--	--	--
Date Reported:	23-Aug-01	--	--	--	--

Organic Compound(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
BTEX							
Benzene	0.002 mg/kg	U	--	--	--	--	5035/8260B(1)
Toluene	0.002 mg/kg	U	--	--	--	--	5035/8260B(1)
Ethylbenzene	0.002 mg/kg	U	--	--	--	--	5035/8260B(1)
Total Xylenes	0.005 mg/kg	U	--	--	--	--	5035/8260B(1)
PAH(s)							
Naphthalene	0.660 mg/kg	U	--	--	--	--	8270C(1)
Acenaphthene	1.200 mg/kg	U	--	--	--	--	8270C(1)
Anthracene	0.660 mg/kg	U	--	--	--	--	8270C(1)
Fluoranthene	0.660 mg/kg	U	--	--	--	--	8270C(1)
Fluorene	0.140 mg/kg	U	--	--	--	--	8270C(1)
Pyrene	0.180 mg/kg	U	--	--	--	--	8270C(1)
Benzo (a) Anthracene	0.0087 mg/kg	U	--	--	--	--	8270C(1)
Benzo (a) Pyrene	0.015 mg/kg	U	--	--	--	--	8270C(1)
Benzo (b) Fluoranthene	0.011 mg/kg	U	--	--	--	--	8270C(1)
Benzo (k) Fluoranthene	0.011 mg/kg	U	--	--	--	--	8270C(1)
Chrysene	0.100 mg/kg	U	--	--	--	--	8270C(1)
Dibenzo (a,h) Anthracene	0.020 mg/kg	U	--	--	--	--	8270C(1)
Indeno (1,2,3-c,d) Pyrene	0.029 mg/kg	U	--	--	--	--	8270C(1)
Acenaphthylene	0.660 mg/kg	U	--	--	--	--	8270C(1)
Benzo (g,h,i) Perylene	0.051 mg/kg	U	--	--	--	--	8270C(1)
Phenanthrene	0.660 mg/kg	U	--	--	--	--	8270C(1)

End of Report

(1) - Analysis performed using SW846 "Test Methods for Evaluating Solid Waste"

Certificate of Analysis



CSD Environmental, Inc.
 2220 Yale Boulevard
 Springfield, IL 62703

1265 Capital Airport Drive
 Springfield, IL 62707-8490
 Phone: 217-753-1148
 Facsimile: 217-753-1152
 E-Mail: IL100323@aol.com

Client Project: **Ayerco #14**
 PAS Project Code: **CSD-586**

Sample Description:	MW14	MW15	MW16	MW17	MW18
PAS Sample Number:	01082010524	01082010525	01082010526	01082010527	01082010528
Matrix:	Solid	Solid	Solid	Solid	Solid
Date Sampled:	20-Aug-01	20-Aug-01	20-Aug-01	20-Aug-01	20-Aug-01
Date Received:	20-Aug-01	20-Aug-01	20-Aug-01	20-Aug-01	20-Aug-01
Date Analyzed:	22-Aug-01	22-Aug-01	22-Aug-01	22-Aug-01	22-Aug-01
Date Reported:	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01

Organic Compound(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
MTBE	0.005 mg/kg	U	U	U	U	U	5035/8260B(1)



Certificate of Analysis

CSD Environmental, Inc.
 2220 Yale Boulevard
 Springfield, IL 62703

1265 Capital Airport Drive
 Springfield, IL 62707-8490
 Phone: 217-753-1148
 Facsimile: 217-753-1152.
 E-Mail: IL100323@aol.com

Client Project: **Ayerco #14**
 PAS Project Code: **CSD-586**

Sample Description:	MW19	---	---	---	---
PAS Sample Number:	01082010529	---	---	---	---
Matrix:	Solid	---	---	---	---
Date Sampled:	20-Aug-01	---	---	---	---
Date Received:	20-Aug-01	---	---	---	---
Date Analyzed:	22-Aug-01	---	---	---	---
Date Reported:	23-Aug-01	---	---	---	---

Organic Compound(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
MTBE	0.005 mg/kg	U	---	---	---	---	5035/8260B(1)

End of Report

(1) - Analysis performed using SW846 "Test Methods for Evaluating Solid Waste"

Chain of Custody Record

1265 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152 - E-mail IL100323@aol.com



Client	CSD ENVIRONMENTAL				Client Project	AYERCO # 14	
Address	2220 YALE BLVD				Project Location	SPRINGFIELD, IL	
City, State Zip Code	SPRINGFIELD IL 62702				Sampler(s) / Phone No.	1	
Phone / Facsimile No.	522-4085 1 522-4087				Turnaround Time	Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Date Required:	
Contact Person	Rob Mc Evoy				P.O. # or Invoice To		
Sample Description (10 Characters Only)	Sampling		Container		M/P	Analysis and / or Method Requested (If there are any questions, please call.)	PAS Sample Number
	Date	Time	Size	Type / No.	Code		Accepted / Rejected
MW 14	8/20/01	4:12	3-5 Gram -4.07	VC 13	1	BTEX, PNA	010820 10524 A [] R []
MW 15	↓	↓	↓	VC 13	1	BTEX, PNA	10525 A [] R []
MW 16	↓	↓	↓	VC 13	1	BTEX, PNA	10526 A [] R []
MW 17	↓	↓	↓	VC 13	1	BTEX, PNA	10527 A [] R []
MW 18	↓	↓	↓	VC 13	1	BTEX, PNA	10528 A [] R []
MW 19	↓	↓	↓	1	1		10529 A [] R []
				1	1		A [] R []
				1	1		A [] R []
				1	1		A [] R []
				1	1		A [] R []
				1	1		A [] R []
				1	1		A [] R []
				1	1		A [] R []
Size of Container	40 mL		125 mL	250 mL	500 mL	1000 mL	O - Other (Specify)
Type of Container	G - Glass (Clear)		AG - Glass (Amber)	P - HDPE	VC - Volatile Core	SC - Soil Core	O - Other (Specify)
M = Matrix Code	A - Aqueous		DW - Drinking Water	NA - Non-aqueous Liquid	SE - Saline Water	S - Solids	O - Other (Specify)
P = Preservative Code	A - None		B - HNO ₃	C - H ₂ SO ₄	D - NaOH	E - HCl	O - Other (Specify)
Relinquished By	Date	Time	Received By	Date	Time	Method of Shipment	
Shen Cochran	8/20/01	4:12	Alicia Wohler	8/20/01	4:10	CSD-586	
Special Instructions:							PAS Project Code
							CSD-586

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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, 5/5 - 5/17). 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 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 5/57.17). This form has been approved by the Forms Management Center.

**Illinois Environmental Protection Agency
Leaking Underground Storage Tank Program
Laboratory Certification for Chemical Analysis**

A. Site Identification

IEMA Incident # (6 digit): 991372 IEPA Generator # (10 digit): 1671203337

Site Name: Illinois Avers Oil Company - Averco #14

Site Address (Not a P.O. Box): 430 Stanford Ave.

City: Springfield County: Sangamon

B. Sample Collector

I certify that:

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

C. Laboratory Representative

I certify that:

- 1. Proper chain of custody procedures were followed as documented on the chain of custody forms. [Signature]
(initial)
- 2. Sample integrity was maintained by proper preservation. [Signature]
(initial)
- 3. All samples were properly labeled. [Signature]
(initial)
- 4. Quality assurance/quality control procedures were established and carried out. [Signature]
(initial)
- 5. Sample holding times were not exceeded. [Signature]
(initial)
- 6. SW-846 Analytical Laboratory Procedure (USEPA) methods were used for the analyses. [Signature]
(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

Laboratory Representative

Name: Rob Mc Evoy

Name: Stephen R Johnson

Title: Staff Geologist

Title: Laboratory Director

Company: CSD Environmental Services, Inc.

Company: Prairie Analytical Systems, Inc.

Address: 220 Yale Boulevard
Springfield, Illinois 62703

Address: 1265 Capital Airport Drive
Springfield, Illinois 62703

Phone: (217) 522-4085

Phone: (217) 753-1148

Signature: Rob Mc Evoy

Signature: [Handwritten Signature]

Date: August 20, 2001

Date: 29 Aug 01

Chain of Custody Record

1265 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152 - E-mail IL100323@aol.com

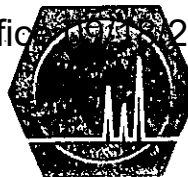


Client: CSD ENVIRONMENTAL		Client Project: AYERCA # 14					
Address: 2220 YALE BLVD		Project Location: SPRINGFIELD, IL					
City, State, Zip Code: SPRINGFIELD IL 62702		Sampler(s) / Phone No.: 1					
Phone / Facsimile No.: 522-4025 1 522-4027		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Date Required:					
Contact Person: Rob Mc Evoy		P.O. # or Invoice To:					
Sample Description (10 Characters Only)	Sampling		Container		M/P Code	Analysis and / or Method Requested (If there are any questions, please call.)	PAS Sample Number Accepted / Rejected
	Date	Time	Size	Type / No.			
NW 14	8/20/01	8:50 AM	5 Gal	VC 13	1	BTEX, PNA	A [] R []
NW 15	1	11:15 AM	1	VC 13	1	BTEX, PNA	A [] R []
NW 16	1	11:15 AM	1	VC 13	1	BTEX, PNA	A [] R []
NW 17	1	11:15 AM	1	VC 13	1	BTEX, PNA	A [] R []
NW 18	1	11:15 AM	1	VC 13	1	BTEX, PNA	A [] R []
NW 19	1	11:15 AM	1	1	1		A [] R []
				1	1		A [] R []
				1	1		A [] R []
				1	1		A [] R []
				1	1		A [] R []
				1	1		A [] R []
				1	1		A [] R []
Size of Container	40 mL	125 mL	250 mL	500 mL	1000 mL	O - Other (Specify)	
Type of Container	G - Glass (Clear)	AG - Glass (Amber)	P - HDPE	VC - Volatile Core	SC - Soil Core	O - Other (Specify)	
M = Matrix Code	A - Aqueous	DW - Drinking Water	NA - Non-aqueous Liquid	SE - Saline Water	S - Solids	O - Other (Specify)	
P = Preservative Code	A - None	B - HNO ₃	C - H ₂ SO ₄	D - NaOH	E - HCl	O - Other (Specify)	
Relinquished By	Date	Time	Received By	Date	Time	Method of Shipment	
Rob Mc Evoy	8/20/01	4:12	Alison Walker	8/20/01	4:17		
Special Instructions:							PAS Project Code

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Prairie



Analytical

Systems, INCORPORATED

07 March 2000

Mr. Joe Truesdale
CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490

Phone: 217-753-1148

FAX: 217-753-1152

E-Mail: IL100323@aol.com

RE: PAS Project Code **CSD-456**

Dear Mr. Truesdale,

This report contains the analytical results for **Ayerco 14** samples received under chain of custody by Prairie Analytical Systems, Inc. on 28-Feb-00.

All applicable quality control procedures met method specific acceptance criteria.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to call me at (217) 753-1148.

Sincerely,

Stephen R. Johnson
Laboratory Director

CC: Project File



Certificate of Analysis

CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490
Phone: 217-753-1148
Facsimile: 217-753-1152
E-Mail: IL100323@aol.com

Client Project: **Ayerco 14**
PAS Project Code: CSD-456

Sample Description:	MW-10	MW-11	MW-12	MW-13	---
PAS Sample Number:	0002282519	0002282520	0002282521	0002282522	---
Matrix:	Solid	Solid	Solid	Solid	---
Date Sampled:	28-Feb-00	28-Feb-00	28-Feb-00	28-Feb-00	---
Date Received:	28-Feb-00	28-Feb-00	28-Feb-00	28-Feb-00	---
Date Analyzed:	6-Mar-00	6-Mar-00	6-Mar-00	6-Mar-00	---
Date Reported:	7-Mar-00	7-Mar-00	7-Mar-00	7-Mar-00	---

Organic Compound(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
BTEX							
Benzene	0.002 mg/kg	U	0.477	U	U	---	5035/82608(1)
Toluene	0.002 mg/kg	U	0.073	U	U	---	5035/82608(1)
Ethylbenzene	0.002 mg/kg	U	1.84	U	U	---	5035/82608(1)
Total Xylenes	0.005 mg/kg	0.039	7.12	U	U	---	5035/82608(1)

End of Report

(1) - Analysis performed using SW846 "Test Methods for Evaluating Solid Waste"

Chain Custody Record

1265 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152 - E-mail IL100323@aol.com



Client: CSD		Client Project: AYERLO 14									
Address: 2220 YALE BLVD		Project Location: 5TH & STANFORD									
City, State Zip Code: SPFLD. IL 62703		Sampler(s) / Phone No.: JWT / 522-4085									
Phone / Facsimile No.: 522-4085 / 522-4087		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Date Required:									
Contact Person: JOE TRUESDALE		P.O. # or Invoice To:									
Sample Description (10 Characters Only)	Sampling		Container		M/P Code	Analysis and / or Method Requested (If there are any questions, please call.)	PAS Sample Number				
	Date	Time	Size	Type / No.			Accepted	Rejected			
MW-10	2/28	8:45 am	ENCORE	- 1 2	S 1 ^{ICR} A	BTEX	2282519	A [] R []			
MW-11	"	10:00 am	"	- 1 2	" 1 "		2282520	A [] R []			
MW-12	"	11:00 am	"	- 1 2	" 1 "		2282521	A [] R []			
MW-13	"	1:15 pm	"	1 2	" 1 "		2282522	A [] R []			
				1	1			A [] R []			
				1	1			A [] R []			
				1	1			A [] R []			
				1	1			A [] R []			
				1	1			A [] R []			
				1	1			A [] R []			
				1	1			A [] R []			
				1	1			A [] R []			
¹ Size of Container	40 mL		125 mL		250 mL		500 mL		1000 mL		O - Other (Specify)
² Type of Container	G - Glass (Clear)		AG - Glass (Amber)		P - HDPE		VC - Volatile Core		SC - Soil Core		O - Other (Specify)
³ M = Matrix Code	A - Aqueous		DW - Drinking Water		NA - Non-aqueous Liquid		SE - Saline Water		S - Solids		O - Other (Specify)
⁴ P = Preservative Code	A - None		B - HNO ₃		C - H ₂ SO ₄		D - NaOH		E - HCl		O - Other (Specify)
Relinquished By: <i>Joe Truesdale</i>			Date: 2/28	Time: 1:50	Received By: <i>Mark R. LBB</i>			Date: 2/28	Time: 1:30	Method of Shipment: Fco	
Special Instructions:										PAS Project Code: CSD-4570	

Electronic Filing: Received, Clerk's Office 09/18/2024 82 15

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Chain Custody Record

1265 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152 - E-mail IL100323@aol.com



Client		OSD		Client Project		AYERCO 14					
Address		2220 YALE BLVD		Project Location		5TH & STANFORD					
City, State, Zip Code		SPFLD. IL 62103		Sampler(s) / Phone No.		JWA / 522-4085					
Phone / Facsimile No.		522-4085 1-522-4087		Turnaround Time		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Date Required:					
Contact Person		JOE TRUESDALE		P.O. # or Invoice To							
Sample Description (10 Characters Only)	Sampling		Container		M/P Code	Analysis and / or Method Requested (If there are any questions, please call.)	PAS Sample Number Accepted / Rejected				
	Date	Time	Size	Type / No.							
MW-10	2/28	8:45 am	ENCORE	- 1 2	S 1 ^{ICP} A	BTEX	A [] R []				
MW-11	"	10:00 am	"	- 1 2	" 1 "		A [] R []				
MW-12	"	11:00 am	"	- 1 2	" 1 "		A [] R []				
MW-13	"	1:5 pm	"	1 2	" 1 "		A [] R []				
				1	1		A [] R []				
				1	1		A [] R []				
				1	1		A [] R []				
				1	1		A [] R []				
				1	1		A [] R []				
				1	1		A [] R []				
				1	1		A [] R []				
				1	1		A [] R []				
				1	1		A [] R []				
¹ Size of Container	40 mL		125 mL		250 mL		500 mL		1000 mL		O - Other (Specify)
² Type of Container	G - Glass (Clear)		AG - Glass (Amber)		P - HDPE		VC - Volatile Core		SC - Soil Core		O - Other (Specify)
³ M = Matrix Code	A - Aqueous		DW - Drinking Water		NA - Non-aqueous Liquid		SE - Saline Water		S - Solids		O - Other (Specify)
⁴ P = Preservative Code	A - None		B - HNO ₃		C - H ₂ SO ₄		D - NaOH		E - HCl		O - Other (Specify)
Relinquished By:			Date	Time	Received By			Date	Time	Method of Shipment	
JOE TRUESDALE			2/28	1:50	ALLAN RAY			2/28	1:30		
Special Instructions:			PAS Project Code.								

Electronic Filing: Received, Clerk's Office 09/18/2024

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Prairie



Analytical
Systems, INCORPORATED

01 March 2000

Mr. Joe Truesdale
CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490

Phone: 217-753-1148
FAX: 217-753-1152
E-Mail: IL100323@aol.com

RE: PAS Project Code **CSD-454**

Dear Mr. Truesdale,

This report contains the analytical results for **Ayerco 14** samples received under chain of custody by Prairie Analytical Systems, Inc. on 24-Feb-00.

All applicable quality control procedures met method specific acceptance criteria.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to call me at (217) 753-1148.

Sincerely,

Stephen R. Johnson
Laboratory Director

CC: Project File



Certificate of Analysis

CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490
Phone: 217-753-1148
Facsimile: 217-753-1152
E-Mail: IL100323@aol.com

Client Project: **Ayerco 14**
PAS Project Code: CSD-454

Sample Description:	CS-1	---	---	---	---
PAS Sample Number:	0002242385	---	---	---	---
Matrix:	Solid	---	---	---	---
Date Sampled:	23-Feb-00	---	---	---	---
Date Received:	24-Feb-00	---	---	---	---
Date Analyzed:	29-Feb-00	---	---	---	---
Date Reported:	1-Mar-00	---	---	---	---

Organic Compound(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
BTEX							
Benzene	0.002 mg/kg	U	---	---	---	---	5035/8260B(1)
Toluene	0.002 mg/kg	U	---	---	---	---	5035/8260B(1)
Ethylbenzene	0.002 mg/kg	U	---	---	---	---	5035/8260B(1)
Total Xylenes	0.005 mg/kg	U	---	---	---	---	5035/8260B(1)

End of Report

(1) - Analysis performed using SW846 "Test Methods for Evaluating Solid Waste"

Chain of Custody Record

1265 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152 - E-mail IL100323@aol.com



Client: CSD		Client Project: AYERCO 14						
Address: 2220 YALE BLVD		Project Location: 5TH AND STANFORD						
City, State Zip Code: SPFLD IL 62703		Sampler(s) / Phone No.: JOE TRUESDALE / 522-4085						
Phone / Facsimile No.: 522-4085 / 522-4087		Turnaround Time: Standard [] Rush [] Date Required:						
Contact Person: JOE TRUESDALE		P.O. # or Invoice To:						
Sample Description (10 Characters Only)	Sampling		Container		M/P Code	Analysis and / or Method Requested (If there are any questions, please call.)	PAS Sample Number	
	Date	Time	Size	Type / No.			Accepted	Rejected
CS-1	02/23	11:30	2 ENCORE	-12	S/A	BTEX	22/2385	A [] R []
								A [] R []
								A [] R []
								A [] R []
								A [] R []
								A [] R []
								A [] R []
								A [] R []
								A [] R []
								A [] R []
								A [] R []
								A [] R []
								A [] R []
¹ Size of Container	40 mL	125 mL	250 mL	500 mL	1000 mL	O - Other (Specify)		
² Type of Container	G - Glass (Clear)	AG - Glass (Amber)	P - HDPE	VC - Volatile Core	SC - Soil Core	O - Other (Specify)		
³ M = Matrix Code	A - Aqueous	DW - Drinking Water	NA - Non-aqueous Liquid	SE - Saline Water	S - Solids	O - Other (Specify)		
⁴ P = Preservative Code	A - None	B - HNO ₃	C - H ₂ SO ₄	D - NaOH	E - HCl	O - Other (Specify)		
Relinquished By		Date	Time	Received By		Date	Time	Method of Shipment
<i>Shari Codrum</i>		<i>2/24/00</i>	<i>11:05</i>	<i>Ken [Signature]</i>		<i>2/24/00</i>	<i>11:05</i>	
Special Instructions:								PAS Project Code: CSD-454

Electronic Filing: Received, Clerk's Office 09/18/2024

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FEB 12 2000

Chain Custody Record

1265 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152 - E-mail IL100323@aol.com



Client: CSD		Client Project: AYERCO 14					
Address: 2220 YALE BLVD		Project Location: 5TH AND STANFORD					
City/State/Zip Code: SPFLD IL 62703		Sampler(s)/Phone No.: JOE TRUESDALE 1 522-4085					
Phone/Facsimile No.: 522-4085 1 522-4087		Turnaround Time: Standard [] Rush [] Date Required:					
Contact Person: JOE TRUESDALE		P.O. # or Invoice To:					
Sample Description (10 Characters Only)	Sampling		Container		M/P Code	Analysis and / or Method Requested (If there are any questions, please call.)	PAS Sample Number Accepted / Rejected
	Date	Time	Size	Type / No.			
CS-1	02/23	11:30	2 ENCORE	- 12	SIA	BTEX	A [] R []
				/	/		A [] R []
				/	/		A [] R []
				/	/		A [] R []
				/	/		A [] R []
				/	/		A [] R []
				/	/		A [] R []
				/	/		A [] R []
				/	/		A [] R []
				/	/		A [] R []
				/	/		A [] R []
				/	/		A [] R []
				/	/		A [] R []
				/	/		A [] R []
Size of Container	40 mL	125 mL	250 mL	500 mL	1000 mL	O - Other (Specify)	
Type of Container	G - Glass (Clear)	AG - Glass (Amber)	P - HDPE	VC - Volatile Core	SC - Soil Core	O - Other (Specify)	
M = Matrix Code	A - Aqueous	DW - Drinking Water	NA - Non-aqueous Liquid	SE - Saline Water	S - Solids	O - Other (Specify)	
P = Preservative Code	A - None	B - HNO ₃	C - H ₂ SO ₄	D - NaOH	E - HCl	O - Other (Specify)	
Relinquished By	Date	Time	Received By	Date	Time	Method of Shipment	
Steve Coleman	2/24/00	11:05	Ken [Signature]	2/29/00	11:05		
Special Instructions:							PAS Project Code

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Prairie



Analytical
Systems, INCORPORATED

30 December 1999

Mr. Joe Truesdale
CSD Environmental, Inc
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8413

Phone: 217-753-1148
FAX: 217-753-1152

RE: PAS Project Code **CSD-441**

Dear Mr. Truesdale;

This report contains the analytical results for **Ayerco #14** samples received under chain of custody by Prairie Analytical Systems, Inc. on 28-Dec-99.

All applicable quality control procedures met method specific acceptance criteria.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to call me at (217) 753-1148.

Sincerely,

Stephen R. Johnson
Laboratory Director

CC: Project File



Certificate of Analysis

CSD Environmental, Inc.
 2220 Yale Boulevard
 Springfield, IL 62703

1265 Capital Airport Drive
 Springfield, IL 62707-8490
 Phone: 217-753-1148
 Facsimile: 217-753-1152
 E-Mail: IL100323@aol.com

Client Project: **Ayerco #14**
 PAS Project Code: CSD-441

Sample Description:	Pile	---	---	---	---
PAS Sample Number:	99122813564	---	---	---	---
Matrix:	Solid	---	---	---	---
Date Sampled:	28-Dec-99	---	---	---	---
Date Received:	28-Dec-99	---	---	---	---
Date Analyzed:	30-Dec-99	---	---	---	---
Date Reported:	30-Dec-99	---	---	---	---

Element(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
Lead (²⁰⁸ Pb), TCLP	0.001 mg/L	0.017	---	---	---	---	200.8(3)

Inorganic(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
Flashpoint	°F	>200	---	---	---	---	D92(4)
Paint Filter	---	Pass	---	---	---	---	9095(1)
pH	Units	7.7	---	---	---	---	9045C(1)

End of Report

(1) - Analysis performed using SW846 "Test Methods for Evaluating Solid Waste"
 (3) - Analysis performed using "Methods for Chemical Analysis of Water and Wastes"
 (4) - Analysis performed using ASTM Method

Chain of Custody Record

1265 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152 - E-mail IL100323@aol.com



Client		AYERCO #14 / CSD			Client Project		AYERCO # 14		
Address		2220 YALE BLVD.			Project Location		STANFORD		
City, State, Zip Code		SPFLD IL 62702			Sampler(s) / Phone No.		JOE TRUESDALE / 522-4085		
Phone / Facsimile No.		522-4085 /			Turnaround Time		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Date Required:		
Contact Person		JOE TRUESDALE			P.O. # or Invoice To				
Sample Description (10 Characters Only)	Sampling		Container		M/P Code	Analysis and / or Method Requested (If there are any questions, please call.)	PAS Sample Number		
	Date	Time	Size	Type / No.			Accepted / Rejected		
PILE	12/28	1:00	4oz	G / 1	S / A	PH, TCLP LEAD, FLASH PT. 992013564 PAINT FILTER	A	[]	[]
				/	/		A	[]	[]
				/	/		A	[]	[]
				/	/		A	[]	[]
				/	/		A	[]	[]
				/	/		A	[]	[]
				/	/		A	[]	[]
				/	/		A	[]	[]
				/	/		A	[]	[]
				/	/		A	[]	[]
				/	/		A	[]	[]
				/	/		A	[]	[]
¹ Size of Container	40 mL	125 mL	250 mL	500 mL	1000 mL	O - Other (Specify)			
² Type of Container	G - Glass (Clear)	AG - Glass (Amber)	P - HDPE	VC - Volatile Core	SC - Soil, Core	O - Other (Specify)			
³ M = Matrix Code	A - Aqueous	DW - Drinking Water	NA - Non-aqueous Liquid	SE - Saline Water	S - Solids	O - Other (Specify)			
⁴ P = Preservative Code	A - None	B - HNO ₃	C - H ₂ SO ₄	D - NaOH	E - HCl	O - Other (Specify)			
Relinquished By		Date	Time	Received By		Date	Time	Method of Shipment	
Joseph Truesdale		12/28	2:35	Ma. La. R. [Signature]		12/28/95	1435		
Special Instructions:							PAS Project Code		
							CSD 441		

Electronic Filing: Received, Clerk's Office 09/18/2024

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Chain of Custody Record

1265 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152 - E-mail IL100323@aol.com

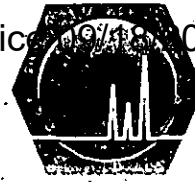


Client: AYERCO #14 / CSD		Client Project: AYERCO #14					
Address: 2220 YALE BLVD.		Project Location: STANFORD					
City, State, Zip Code: SPFLD IL 62102		Sampler(s) / Phone No.: JOE TRUESDALE / 522-4085					
Phone / Facsimile No.: 522-4085 /		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Date Required:					
Contact Person: JOE TRUESDALE		P.O. #. or Invoice To:					
Sample Description (10 Characters Only)	Sampling		Container		M/P Code	Analysis and /or Method Requested (If there are any questions, please call.)	PAS Sample Number Accepted / Rejected
	Date	Time	Size	Type / No.			
PILE	12/28	1:00	4oz	G / 1	S / A	PH TCLP LEAD FLASH PT. PAINT FILTER	A [] R []
				/	/		A [] R []
				/	/		A [] R []
				/	/		A [] R []
				/	/		A [] R []
				/	/		A [] R []
				/	/		A [] R []
				/	/		A [] R []
				/	/		A [] R []
				/	/		A [] R []
				/	/		A [] R []
Size of Container	40 mL	125 mL	250 mL	500 mL	1000 mL	O - Other (Specify)	
Type of Container	G - Glass (Clear)	AG - Glass (Amber)	P - HDPE	VC - Volatile Core	SC - Soil Core	O - Other (Specify)	
M = Matrix Code	A - Aqueous	DW - Drinking Water	NA - Non-aqueous Liquid	SE - Saline Water	S - Solids	O - Other (Specify)	
P = Preservative Code	A - None	B - HNO ₃	C - H ₂ SO ₄	D - NaOH	E - HCl	O - Other (Specify)	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Method of Shipment:	
<i>Joe Truesdale</i>	12/28	2:35	<i>Joe Truesdale</i>	12/29	14:35		
Special Instructions:							PAS Project Code

Electronic Filing: Received, Clerk's Office 09/18/2024

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Prairie



Analytical
Systems, INCORPORATED

13 December 1999

Mr. Marc Simmering
CSD Environmental, Inc
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8413

Phone: 217-753-1148
FAX: 217-753-1152

RE: PAS Project Code **CSD-429**

Dear Mr. Simmering,

This report contains the analytical results for **Ayerco** samples received under chain of custody by Prairie Analytical Systems, Inc. on 01-Dec-99.

All applicable quality control procedures met method specific acceptance criteria.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to call me at (217) 753-1148.

Sincerely,

Stephen R. Johnson
Laboratory Director

CC: Project File

Certificate of Analysis

CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490
Phone: 217-753-1148
Facsimile: 217-753-1152
E-Mail: IL100323@aol.com

Client Project: **Ayerco**
PAS Project Code: **CSD-429**

Sample Description:	1	2(10'-11')	3(5-6')	4(6-7')	5(6-7')
PAS Sample Number:	99120112210	99120112211	99120112212	99120112213	99120112214
Matrix:	Solid	Solid	Solid	Solid	Solid
Date Sampled:	1-Dec-99	1-Dec-99	1-Dec-99	1-Dec-99	1-Dec-99
Date Received:	1-Dec-99	1-Dec-99	1-Dec-99	1-Dec-99	1-Dec-99
Date Analyzed:	7-Dec-99	7-Dec-99	7-Dec-99	7-Dec-99	7-Dec-99
Date Reported:	8-Dec-99	8-Dec-99	8-Dec-99	8-Dec-99	8-Dec-99

Organic Compound(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
BTEX							
Benzene	0.002 mg/kg	3.62	9.04	2.16	3.41	2.21	5030B/8260B(1)
Toluene	0.002 mg/kg	6.17	0.675	21.3	12.8	0.487	5030B/8260B(1)
Ethylbenzene	0.002 mg/kg	25.0	17.4	9.44	10.5	12.9	5030B/8260B(1)
Total Xylenes	0.005 mg/kg	79.9	61.3	38.4	42.4	54.3	5030B/8260B(1)
PAH(s)							
Naphthalene	0.660 mg/kg	0.818	1.47	U	1.08	1.59	8270C(1)
Acenaphthene	1.200 mg/kg	U	U	U	U	U	8270C(1)
Anthracene	0.660 mg/kg	U	U	U	U	U	8270C(1)
Fluoranthene	0.660 mg/kg	U	U	U	U	U	8270C(1)
Fluorene	0.140 mg/kg	U	U	U	U	U	8270C(1)
Pyrene	0.180 mg/kg	U	U	U	U	U	8270C(1)
Benzo (a) Anthracene	0.0087 mg/kg	U	U	U	U	U	8270C(1)
Benzo (a) Pyrene	0.015 mg/kg	U	U	U	U	U	8270C(1)
Benzo (b) Fluoranthene	0.011 mg/kg	U	U	U	U	U	8270C(1)
Benzo (k) Fluoranthene	0.011 mg/kg	U	U	U	U	U	8270C(1)
Chrysene	0.100 mg/kg	U	U	U	U	U	8270C(1)
Dibenzo (a,h) Anthracene	0.020 mg/kg	U	U	U	U	U	8270C(1)
Indeno (1,2,3-c,d) Pyrene	0.029 mg/kg	U	U	U	U	U	8270C(1)
Acenaphthylene	0.660 mg/kg	U	U	U	U	U	8270C(1)
Benzo (g,h,i) Perylene	0.051 mg/kg	U	U	U	U	U	8270C(1)
Phenanthrene	0.660 mg/kg	U	U	U	U	U	8270C(1)



Prairie

Analytical
Systems, INCORPORATED

Certificate of Analysis

CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490
Phone: 217-753-1148
Facsimile: 217-753-1152
E-Mail: IL100323@aol.com

Client Project: **Ayerco**
PAS Project Code: **CSD-429**

Sample Description:	6(10.5-12')	7(6-8')	---	---	---
PAS Sample Number:	99120112215	99120112216	---	---	---
Matrix:	Solid	Solid	---	---	---
Date Sampled:	1-Dec-99	1-Dec-99	---	---	---
Date Received:	1-Dec-99	1-Dec-99	---	---	---
Date Analyzed:	7-Dec-99	7-Dec-99	---	---	---
Date Reported:	8-Dec-99	8-Dec-99	---	---	---

Organic Compound(s) Analysis

<u>Parameter(s)</u>	<u>RL / Unit</u>	<u>Result</u>	<u>Result</u>	<u>Result</u>	<u>Result</u>	<u>Result</u>	<u>Method</u>
BTEX							
Benzene	0.002 mg/kg	1.96	4.09	---	---	---	5030B/8260B(1)
Toluene	0.002 mg/kg	0.052	13.7	---	---	---	5030B/8260B(1)
Ethylbenzene	0.002 mg/kg	0.353	62.2	---	---	---	5030B/8260B(1)
Total Xylenes	0.005 mg/kg	0.653	214	---	---	---	5030B/8260B(1)
PAH(s)							
Naphthalene	0.660 mg/kg	U	24.7	---	---	---	8270C(1)
Acenaphthene	1.200 mg/kg	U	U	---	---	---	8270C(1)
Anthracene	0.660 mg/kg	U	U	---	---	---	8270C(1)
Fluoranthene	0.660 mg/kg	U	U	---	---	---	8270C(1)
Fluorene	0.140 mg/kg	U	0.181	---	---	---	8270C(1)
Pyrene	0.180 mg/kg	U	U	---	---	---	8270C(1)
Benzo (a) Anthracene	0.0087 mg/kg	U	U	---	---	---	8270C(1)
Benzo (a) Pyrene	0.015 mg/kg	U	U	---	---	---	8270C(1)
Benzo (b) Fluoranthene	0.011 mg/kg	U	U	---	---	---	8270C(1)
Benzo (k) Fluoranthene	0.011 mg/kg	U	U	---	---	---	8270C(1)
Chrysene	0.100 mg/kg	U	U	---	---	---	8270C(1)
Dibenzo (a,h) Anthracene	0.020 mg/kg	U	U	---	---	---	8270C(1)
Indeno (1,2,3-c,d) Pyrene	0.029 mg/kg	U	U	---	---	---	8270C(1)
Acenaphthylene	0.660 mg/kg	U	U	---	---	---	8270C(1)
Benzo (g,h,i) Perylene	0.051 mg/kg	U	U	---	---	---	8270C(1)
Phenanthrene	0.660 mg/kg	U	U	---	---	---	8270C(1)

End of Report

(1) - Analysis performed using SW846 "Test Methods for Evaluating Solid Waste"

Chain of Custody Record

1265 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152 - E-mail IL100323@aol.com



Client		CSA ENVIRONMENTAL INC.			Client Project		AERCO						
Address		2220 YALE			Project Location		STANDARD						
City, State - Zip Code		SPRINGFIELD IL 62903			Sampler(s) / Phone No.		M. SIMMERING / 522-4085						
Phone / Facsimile No.		522-4085 / 522-4087			Turnaround Time		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Date Required:						
Contact Person		M. SIMMERING			P.O. # or Invoice To		CSA ENV. INC.						
Sample Description (10 Characters Only)	Sampling		Container		M/P	Analysis and / or Method Requested (If there are any questions, please call.)	PAS Sample Number						
	Date	Time	Size	Type / No.	Code		Accepted / Rejected:						
1	12/1	A.M.	402	B I Z	S I O	BTEX	991201	12210	A [] R []				
2 (10-11)	"	"	"	"	"	"		12211	A [] R []				
3 (5-6)	"	"	"	"	"	"		12212	A [] R []				
4 (6-7)	"	"	"	"	"	"		12213	A [] R []				
5 (6-7)	"	"	"	"	"	"		12214	A [] R []				
6 (10.5-12)	"	"	"	"	"	"		12215	A [] R []				
7 (6-8)	"	"	"	"	"	"		12216	A [] R []				
									A [] R []				
									A [] R []				
									A [] R []				
									A [] R []				
									A [] R []				
¹ Size of Container		40 mL		125 mL		250 mL		500 mL		1000 mL		O - Other (Specify)	
² Type of Container		G - Glass (Clear)		AG - Glass (Amber)		P - HDPE		VC - Volatile Core		SC - Soil Core		O - Other (Specify)	
³ M = Matrix Code		A - Aqueous		DW - Drinking Water		NA - Non-aqueous Liquid		SE - Saline Water		S - Solids		O - Other (Specify)	
⁴ P = Preservative Code		A - None		B - HNO ₃		C - H ₂ SO ₄		D - NaOH		E - HCl		O - Other (Specify)	
Relinquished By			Date	Time	Received By			Date	Time	Method of Shipment			
M. Simmering			12/1/99	P.M.	Mia LaRocca			12/1/99	1440				
Special Instructions:										PAS Project Code			
12899. Add DNA as per Joet. - Fax										CSA-429			

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Chain Custody Record

1265 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152 - E-mail IL100323@aol.com



Client: CSA EQUIPMENT RENTAL INC		Client Project: ALCOA					
Address: 2220 VALE		Project Location: STANDFORD					
City/State/Zip Code: SPRINGFIELD IL 62703		Sampler(s) / Phone No.: M. SIMMERLICH / 522-4045					
Phone / Facsimile No.: 522-4045 / 522-4047		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Date Required:					
Contact Person: M. SIMMERLICH		P.O. # or Invoice To: CSA EQUIP. INC					
Sample Description (10 Characters Only)	Sampling		Container		M/P Code	Analysis and / or Method Requested (If there are any questions, please call.)	PAS Sample Number Accepted / Rejected
	Date	Time	Size	Type / No.			
1	12/1	A.M.	402	B/2	S/O	BTKY + PNA	A [] R []
2 (10-11)	"	"	"	"	"	" 12/8/99 jwz	A [] R []
3 (5-6)	"	"	"	"	"	"	A [] R []
4 (6-7)	"	"	"	"	"	"	A [] R []
5 (6-7)	"	"	"	"	"	"	A [] R []
6 (10-12)	"	"	"	"	"	"	A [] R []
7 (6-8)	"	"	"	"	"	"	A [] R []
							A [] R []
							A [] R []
							A [] R []
							A [] R []
							A [] R []
¹ Size of Container:	40 mL	125 mL	250 mL	500 mL	1000 mL	O - Other (Specify)	
² Type of Container:	G - Glass (Clear)	AG - Glass (Amber)	P - HDPE	VC - Volatile Core	SC - Soil Core	O - Other (Specify)	
³ M = Matrix Code	A - Aqueous	DW - Drinking Water	NA - Non-aqueous Liquid	SE - Saline Water	S - Solids	O - Other (Specify)	
⁴ P = Preservative Code	A - None	B - HNO ₃	C - H ₂ SO ₄	D - NaOH	E - HCl	O - Other (Specify)	
Relinquished By:	Date:	Time:	Received By:	Date:	Time:	Method of Shipment:	
<i>M. Simmerlich</i>	12/1/99	A.M.	<i>M. Simmerlich</i>	12/8/99	11:45		
Special Instructions:							PAS Project Code

Electronic Filing: Received, Clerk's Office 09/18/2024

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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 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 5/57.17). This form has been approved by the Forms Management Center.

Illinois Environmental Protection Agency
Leaking Underground Storage Tank Program
Laboratory Certification for Chemical Analysis

A. Site Identification

IEMA Incident # (6 digit): _____ IEPA Generator # (10 digit): _____
Site Name: AVERCO #14
Site Address (Not a P.O. Box): 5th + STANBOND
City: SPRINGFIELD County: SANGAMON

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.

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

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(initial)
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(initial)
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(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

Laboratory Representative

Name: MARC SIMMERING
Title: MGM FIELD SERVICES
Company: CSO ENV. INC.
Address: 2220 York
SPRINGFIELD IL 62703
Phone: 522-4085
Signature: Marc Simmering
Date: 12/1/99

Name: Stephen R Johnson
Title: Laboratory Director
Company: Prairie Analytical Systems, Inc
Address: 1265 Capital Airport Drive
Springfield, IL 62707
Phone: (217)753-1142
Signature: Stephen R Johnson
Date: 08 Dec 99



Environmental Laboratories, Inc.

3923 Howard Street
Skokie, Illinois 60076

Tel. 847-677-7500
Fax. 847-677-7533

Client: CSD Environmental Services, Inc., 2220 Yale Blvd, Springfield, IL

Site Location: Ayerco #14, 430 Stanford Ave., Springfield, IL

SAMPLE IDENTIFICATION

<u>Lab ID#</u>	<u>Other ID#</u>	<u>Date Collected</u>	<u>Date Received</u>	<u>Analysis Date</u>
P26078	MW-1(S)	6/16/99	6/18/99	6/18/99
P26079	MW-2(S)	6/16/99	6/18/99	6/18/99
P26080	MW-3(S)	6/17/99	6/18/99	6/18/99
P26098	MW-4(S)	6/18/99	6/21/99	6/28/99
P26099	B-5(S)	6/18/99	6/21/99	6/28/99
P26100	B-6(S)	6/18/99	6/21/99	6/28/99
P26074	MW-1(W)	6/21/99	6/23/99	6/29/99
P26075	MW-2(W)	6/21/99	6/23/99	6/29/99
P26076	MW-3(W)	6/21/99	6/23/99	6/29/99
P26082	MW-4(W)	6/21/99	6/23/99	6/29/99

(S) = SOIL, (W) = WATER

CASE NARRATIVE

Six (6) Soil samples and four (4) water samples were received by Environmental Laboratories, Inc. and each were submitted for BTEX and PNA analysis. No unusual problems were encountered during the sample analyses.

ORGANIC DATA REPORTING QUALIFIERS

The following organic data reporting qualifiers are used as required.

- U Indicates compound was analyzed for but not detected. The sample quantitation limit must be corrected for dilution and for percent moisture
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the mass spectral data indicate the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- N Indicates presumptive evidence of a compound. This flag is only used for tentatively identified compounds, where the identification is based on a mass spectral library search. It is applied to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the N code is not used.

ORGANIC DATA ANALYSIS PACKAGE-ORGANIC DATA REPORTING QUALIFIERS-Continued from page 1

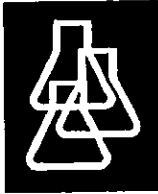
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a P.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS. If GC/MS confirmation was attempted but was unsuccessful, do not apply this flag, instead use a laboratory defined flag.
- B This flag is used when the analyte is found in the blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action. This flag must be used for a TIC as well as for a positively identified target compound.
- E This flag identifies compounds whose concentrations exceed the calibration range of the GC/MS instrument for that specific analysis. If one or more compounds have a response greater than full scale the sample or extract must be diluted and re-analyzed according to the specifications in Exhibit D. All such compounds with a response greater than full scale should have the concentration flagged with an E on the form 1 for the original analysis. If the dilution of the extract causes any compounds identified in the first analysis to be below the calibration range in the second analysis, then that results of both analyses shall be reported on separate copies of Form 1. The Form 1 for the diluted sample shall have the DL suffix appended to the sample number.
- D This flag identifies all compounds identified in an analysis at a secondary dilution factor. If a sample or extract is re-analyzed at a higher dilution, as in the E flag above the DL suffix is appended to the sample number in Form 1 for the diluted sample, and all concentration values reported on that Form 1 are flagged with the D flag.
- A This flag indicates that a TIC is a suspected aldol-condensation product.

CERTIFICATION

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and/or in the computer-readable data submitted on diskette as been authorized for the Laboratory Manager or his designee, as verified by the following signature.

ENVIRONMENTAL LABORATORIES, INC.

Magnus Obi Obasi
Laboratory Manager



Environmental Laboratories, Inc.

3923 Howard Street
Skokie, Illinois 60076

Tel. 847-677-7500
Fax. 847-677-7533

Client: CSD Environmental Services, Inc., 2220 Yale Blvd., Springfield, IL 62703

Site Location: Ayerco #14, 430 Stanford Ave., Springfield, IL

Volatile Organic Compounds - BTEX (Purge & Trap) Method SW-846 8021 Modified

All values reported in parts per million (ppm), mg/kg, unless noted.
BDL = Below detection limit

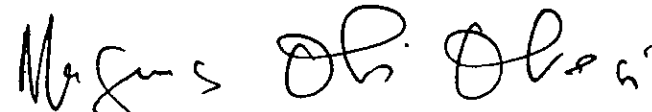
MDL = Method detection limits

Sample ID: MW-1	Analyzed: 6/18/99	Order No: P26078
Test Description	Results	Soil MDL
Benzene	0.359	0.0016
Toluene	1.726	0.0018
Ethylbenzene	2.667	0.0013
Xylene (Total)	2.353	0.0024

Laboratory Blank Contained the Following Analytes: None

QA/QC CCC: Passed

ENVIRONMENTAL LABORATORIES, INC.


Magnus Obi Obasi
Laboratory Manager



Environmental Laboratories, Inc.

3923 Howard Street
Skokie, Illinois 60076

Tel. 847-677-7500
Fax. 847-677-7533

Client: CSD Environmental Services, Inc., 2220 Yale Blvd., Springfield, IL 62703

Site Location: Ayerco #14, 430 Stanford Ave., Springfield, IL

Volatile Organic Compounds - BTEX (Purge & Trap)

Method SW-846 8021 Modified

All values reported in parts per million (ppm), mg/kg, unless noted.
BDL = Below detection limit

MDL = Method detection limits

Sample ID: MW-2		
Collected: 6/16/99	Analyzed: 6/16/99	Order No: P26079
Test Description	Results	Soil MDL
Benzene	3.955	0.0016
Toluene	20.401	0.0018
Ethylbenzene	18.933	0.0013
Xylene (Total)	56.665	0.0024

Laboratory Blank Contained the Following Analytes: None

QA/QC CCC: Passed

ENVIRONMENTAL LABORATORIES, INC.

Magnus Obi Obasi
Laboratory Manager



Environmental Laboratories, Inc.

3923 Howard Street
Skokie, Illinois 60076

Tel. 847-677-7500
Fax. 847-677-7533

Client: CSD Environmental Services, Inc., 2220 Yale Blvd., Springfield, IL 62703

Site Location: Ayerco #14, 430 Stanford Ave., Springfield, IL

Volatile Organic Compounds - BTEX (Purge & Trap) Method SW-846 8021 Modified

All values reported in parts per million (ppm), mg/kg, unless noted.
BDL = Below detection limit

MDL = Method detection limits

Sample ID: MW-3		
Collected: 6/16/99	Analyzed: 6/18/99	Order No: P26080
Test Description	Results	Soil MDL
Benzene	2.919	0.0016
Toluene	0.319	0.0018
Ethylbenzene	10.345	0.0013
Xylene (Total)	12.849	0.0024

Laboratory Blank Contained the Following Analytes: None

QA/QC CCC: Passed

ENVIRONMENTAL LABORATORIES, INC.

Magnus Obi Obasi
Laboratory Manager



Environmental Laboratories, Inc.

3923 Howard Street
Skokie, Illinois 60076

Tel. 847-677-7500
Fax. 847-677-7533

Client: CSD Environmental Services, Inc., 2220 Yale Blvd., Springfield, IL 62703

Site Location: Ayerco #14, 430 Stanford Ave., Springfield, IL

Polynuclear Aromatic Hydrocarbons - PNAs

Method SW-846 8310 HPLC

All values reported in parts per billion (ppb), ug/kg, unless noted.
BDL = Below detection limit

MDL = Method detection limits

Sample ID: MW-1

Date Collected: 06/16/99

Date Analyzed: 06/25/99

Order No.: 9060367-01

CONSTITUENT	RESULT	MDL
Naphthalene	ND	30
Acenaphthene	ND	30
Anthracene	ND	30
Fluoranthene	ND	30
Fluorene	ND	30
Pyrene	ND	30
Benzo(a)Anthracene	ND	30
Benzo(a)Pyrene	ND	30
Benzo(b)Fluoranthene	ND	30
Benzo(k)Fluoranthene	ND	30
Chrysene	ND	30
Dibenzo(a,h)Anthracene	ND	30
Indeno(1,2,3,-c,d)Pyrene	ND	30
Acenaphthylene	ND	200
Benzo(g,h,i)Perylene	ND	30
Phenanthrene	ND	30

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

ENVIRONMENTAL LABORATORIES, INC.

Magnus Obi Obasi
Laboratory Manager



Environmental Laboratories, Inc.

3923 Howard Street
Skokie, Illinois 60076

Tel. 847-677-7500
Fax. 847-677-7533

Client: CSD Environmental Services, Inc., 2220 Yale Blvd., Springfield, IL 62703

Site Location: Ayerco #14, 430 Stanford Ave., Springfield, IL

Polynuclear Aromatic Hydrocarbons - PNAs

Method SW-846 8310 HPLC

All values reported in parts per billion (ppb), ug/kg, unless noted.
BDL = Below detection limit

MDL = Method detection limits

Sample ID: MW-2

Date Collected: 06/16/99

Date Analyzed: 06/25/99

Order No.: 9060367-02

CONSTITUENT	RESULT	MDL
Naphthalene	360	30
Acenaphthene	ND	30
Anthracene	ND	30
Fluoranthene	ND	30
Fluorene	ND	30
Pyrene	ND	30
Benzo(a)Anthracene	ND	30
Benzo(a)Pyrene	ND	30
Benzo(b)Fluoranthene	ND	30
Benzo(k)Fluoranthene	ND	30
Chrysene	ND	30
Dibenzo(a,h)Anthracene	ND	30
Indeno(1,2,3,-c,d)Pyrene	ND	30
Acenaphthylene	ND	200
Benzo(g,h,i)Perylene	ND	30
Phenanthrene	ND	30

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ENVIRONMENTAL LABORATORIES, INC.

Magnus Obi Obasi
Laboratory Manager



Environmental Laboratories, Inc.

3923 Howard Street
Skokie, Illinois 60076

Tel. 847-677-7500
Fax. 847-677-7533

Client: CSD Environmental Services, Inc., 2220 Yale Blvd., Springfield, IL 62703

Site Location: Ayerco #14, 430 Stanford Ave., Springfield, IL

Polynuclear Aromatic Hydrocarbons - PNAs

Method SW-846 8310 HPLC

All values reported in parts per billion (ppb), ug/kg, unless noted.
BDL = Below detection limit

MDL = Method detection limits

Sample ID: MW-3

Date Collected: 06/16/99

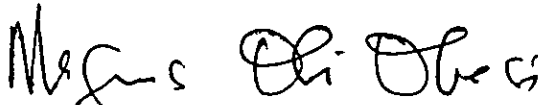
Date Analyzed: 06/25/99

Order No.: 9060367-03

CONSTITUENT	RESULT	MDL
Naphthalene	790	30
Acenaphthene	ND	30
Anthracene	ND	30
Fluoranthene	ND	30
Fluorene	ND	30
Pyrene	ND	30
Benzo(a)Anthracene	ND	30
Benzo(a)Pyrene	ND	30
Benzo(b)Fluoranthene	ND	30
Benzo(k)Fluoranthene	ND	30
Chrysene	ND	30
Dibenzo(a,h)Anthracene	ND	30
Indeno(1,2,3,-c,d)Pyrene	ND	30
Acenaphthylene	ND	200
Benzo(g,h,i)Perylene	ND	30
Phenanthrene	ND	30

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ENVIRONMENTAL LABORATORIES, INC.


Magnus Obi Obasi
Laboratory Manager



Environmental Laboratories, Inc.

3923 Howard Street
Skokie, Illinois 60076

Tel. 847-677-7500
Fax. 847-677-7533

Client: CSD Environmental Services, Inc., 2220 Yale Blvd., Springfield, IL 62703

Site Location: Ayerco #14, 430 Stanford Ave., Springfield, IL

Volatile Organic Compounds - BTEX (Purge & Trap)

Method SW-846 8021 Modified

All values reported in parts per million (ppm), mg/kg, unless noted.
BDL = Below detection limit


MDL = Method detection limits

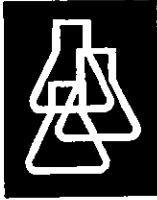
Sample ID: B-5		
Collected: 6/18/99	Analyzed: 6/28/99	Order No: P26099
Test Description	Results	Soil MDL
Benzene	1.850	0.0016
Toluene	2.788	0.0018
Ethylbenzene	7.094	0.0013
Xylene (Total)	5.667	0.0024

Laboratory Blank Contained the Following Analytes: None

QA/QC CCC: Passed

ENVIRONMENTAL LABORATORIES, INC.


Magnus Obi Obasi
Laboratory Manager



Environmental Laboratories, Inc.

3923 Howard Street
Skokie, Illinois 60076

Tel. 847-677-7500
Fax. 847-677-7533

Client: CSD Environmental Services, Inc., 2220 Yale Blvd., Springfield, IL 62703

Site Location: Ayerco #14, 430 Stanford Ave., Springfield, IL

Volatile Organic Compounds - BTEX (Purge & Trap) Method SW-846 8021 Modified

All values reported in parts per million (ppm), mg/kg, unless noted.
BDL = Below detection limit

MDL = Method detection limits

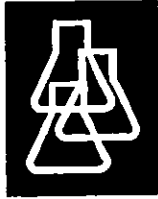
Sample ID: B-6		
Collected: 6/18/99	Analyzed: 6/28/99	Order No: P26100
Test Description	Results	Soil MDL
Benzene	2.070	0.0016
Toluene	3.096	0.0018
Ethylbenzene	7.329	0.0013
Xylene (Total)	8.721	0.0024

Laboratory Blank Contained the Following Analytes: None

QA/QC CCC: Passed

ENVIRONMENTAL LABORATORIES, INC.

Magnus Obi Obasi
Laboratory Manager



Environmental Laboratories, Inc.

3923 Howard Street
Skokie, Illinois 60076

Tel. 847-677-7500
Fax. 847-677-7533

Client: CSD Environmental Services, Inc., 2220 Yale Blvd., Springfield, IL 62703

Site Location: Ayerco #14, 430 Stanford Ave., Springfield, IL

Volatile Organic Compounds - BTEX (Purge & Trap)

Method SW-846 8021 Modified

All values reported in parts per million (ppm), mg/kg, unless noted.
BDL = Below detection limit


MDL = Method detection limits

Sample ID: MW-4	Analyzed: 6/28/99	Order No: P26098
Test Description	Results	Soil MDL
Benzene	3.055	0.0016
Toluene	3.823	0.0018
Ethylbenzene	10.524	0.0013
Xylene (Total)	9.673	0.0024

Laboratory Blank Contained the Following Analytes: None

QA/QC CCC: Passed

ENVIRONMENTAL LABORATORIES, INC.


Magnus Obi Obasi
Laboratory Manager



Environmental Laboratories, Inc.

3923 Howard Street
Skokie, Illinois 60076

Tel. 847-677-7500
Fax. 847-677-7533

Client: CSD Environmental Services, Inc., 2220 Yale Blvd., Springfield, IL 62703

Site Location: Ayerco #14, 430 Stanford Ave., Springfield, IL

Polynuclear Aromatic Hydrocarbons - PNAs

Method SW-846 8310 HPLC

All values reported in parts per billion (ppb), ug/kg, unless noted.
BDL = Below detection limit

MDL = Method detection limits

Sample ID: B-5

Date Collected: 06/21/99


Date Analyzed: 06/28/99

Order No.: 9060450-5

CONSTITUENT	RESULT	MDL
Naphthalene	120	30
Acenaphthene	ND	30
Anthracene	ND	30
Fluoranthene	ND	30
Fluorene	ND	30
Pyrene	ND	30
Benzo(a)Anthracene	ND	30
Benzo(a)Pyrene	ND	30
Benzo(b)Fluoranthene	ND	30
Benzo(k)Fluoranthene	ND	30
Chrysene	ND	30
Dibenzo(a,h)Anthracene	ND	30
Indeno(1,2,3-c,d)Pyrene	ND	30
Acenaphthylene	ND	200
Benzo(g,h,i)Perylene	ND	30
Phenanthrene	ND	30

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

ENVIRONMENTAL LABORATORIES, INC.


Magnus Obasi
Laboratory Manager



Environmental Laboratories, Inc.

3923 Howard Street
Skokie, Illinois 60076

Tel. 847-677-7500
Fax. 847-677-7533

Client: CSD Environmental Services, Inc., 2220 Yale Blvd., Springfield, IL 62703

Site Location: Ayerco #14, 430 Stanford Ave., Springfield, IL

Polynuclear Aromatic Hydrocarbons - PNAs

Method SW-846 8310 HPLC

All values reported in parts per billion (ppb), ug/kg , unless noted.
BDL = Below detection limit

MDL = Method detection limits

Sample ID: B-6

Date Collected: 06/21/99

Date Analyzed: 06/28/99

Order No.: 9060450-6

CONSTITUENT	RESULT	MDL
Naphthalene	1200	30
Acenaphthene	ND	30
Anthracene	ND	30
Fluoranthene	ND	30
Fluorene	ND	30
Pyrene	ND	30
Benzo(a)Anthracene	ND	30
Benzo(a)Pyrene	ND	30
Benzo(b)Fluoranthene	ND	30
Benzo(k)Fluoranthene	ND	30
Chrysene	ND	30
Dibenzo(a,h)Anthracene	ND	30
Indeno(1,2,3,-c,d)Pyrene	ND	30
Acenaphthylene	ND	200
Benzo(g,h,i)Perylene	ND	30
Phenanthrene	ND	30

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ENVIRONMENTAL LABORATORIES, INC.

Magnus Obi Obasi
Laboratory Manager



Environmental Laboratories, Inc.

3923 Howard Street
Skokie, Illinois 60076

Tel. 847-677-7500
Fax. 847-677-7533

Client: CSD Environmental Services, Inc., 2220 Yale Blvd., Springfield, IL 62703

Site Location: Ayerco #14, 430 Stanford Ave., Springfield, IL

Polynuclear Aromatic Hydrocarbons - PNAs

Method SW-846 8310 HPLC

All values reported in parts per billion (ppb), ug/kg, unless noted.
BDL = Below detection limit

MDL = Method detection limits

Sample ID: MW-4

Date Collected: 06/21/99

Date Analyzed: 06/28/99

Order No.: 9060450-7

CONSTITUENT	RESULT	MDL
Naphthalene	ND	30
Acenaphthene	ND	30
Anthracene	ND	30
Fluoranthene	ND	30
Fluorene	ND	30
Pyrene	ND	30
Benzo(a)Anthracene	ND	30
Benzo(a)Pyrene	ND	30
Benzo(b)Fluoranthene	ND	30
Benzo(k)Fluoranthene	ND	30
Chrysene	ND	30
Dibenzo(a,h)Anthracene	ND	30
Indeno(1,2,3-c,d)Pyrene	ND	30
Acenaphthylene	ND	200
Benzo(g,h,i)Perylene	ND	30
Phenanthrene	ND	30

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or his designee, as verified by the following signature.

ENVIRONMENTAL LABORATORIES, INC.

Magnus Obi Obasi
Laboratory Manager

Prairie



Analytic
Systems, INCORPORATED

CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport
Springfield, IL 62707-

Phone: 217-753-
FAX: 217-753-

Client Project: **Ayerco #14** PAS Project Code: **CSD-350**
Date Received: **14-May-99** Date Reported: **19-May-99**

Sample Description:	B-1	B-2	B-3	---	---
PAS Sample Number:	9905144102	9905144103	9905144104	---	---
Date Sampled:	14-May-99	14-May-99	14-May-99	---	---
Date Analyzed:	18-May-99	18-May-99	18-May-99	---	---

Volatile Organic Compound(s) Analysis - BTEX

<u>Analyte(s)</u>	RL mg/kg	Result mg/kg	Result mg/kg	Result mg/kg	Result mg/kg	Result mg/kg	EPA Method
Benzene	0.002	0.008	6.797	1.569	---	---	5030B/8260B
Toluene	0.002	0.005	143.481	23.216	---	---	5030B/8260B
Ethylbenzene	0.002	0.067	97.190	22.511	---	---	5030B/8260B
Total Xylenes	0.005	0.191	428.886	183.919	---	---	5030B/8260B

Stephen R. Johnson
Stephen R. Johnson, Laboratory Director

Chain of Custody Record

1265 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152 - E-mail IL100323@aol.com



Client	CSD ENVIRONMENTAL INC.	Client Project	AYER RD #14
Address	2220 YALE	Project Location	5th + STANFORD
City, State Zip Code	SPRINGFIELD 62703	Sampler(s) / Phone No.	M. SIMMERING 522-4085
Phone / Facsimile No.	522-4085 / 522-4087	Turnaround Time	Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Date Required:
Contact Person	M. SIMMERING	P.O. # or Invoice To	CSD ENV. INC.

Sample Description (10 Characters Only)	Sampling		Container		M/P	Analysis and / or Method Requested (If there are any questions, please call.)	PAS Sample Number
	Date	Time	Size	Type / No.	Code		Accepted / Rejected
B-1	5/14	A.M.	40ml	6' Z	-S10	BTEX	A [] R []
B-2							A [] R []
B-3							A [] R []
							A [] R []
							A [] R []
							A [] R []
							A [] R []
							A [] R []
							A [] R []
							A [] R []
							A [] R []
							A [] R []
							A [] R []

Size of Container	40 mL	125 mL	250 mL	500 mL	1000 mL	O - Other (Specify)
Type of Container	G - Glass (Clear)	AG - Glass (Amber)	P - HDPE	VC - Volatile Core	SC - Soil Core	O - Other (Specify)
M = Matrix Code	A - Aqueous	DW - Drinking Water	NA - Non-aqueous Liquid	SE - Saline Water	S - Solids	O - Other (Specify)
P = Preservative Code	A - None	B - HNO ₃	C - H ₂ SO ₄	D - NaOH	E - HCl	O - Other (Specify)

Relinquished By	Date	Time	Received By	Date	Time	Method of Shipment
M. Simmering	5/14	1:20	[Signature]	5/14	1:20	Truck

Special Instructions:	PAS Project Code
-----------------------	------------------

Electronic Filing: Received, Clerk's Office 09/18/2024

Appendix A

Groundwater Results

TMI Analytical Services, LLC

NELAC Accredited #100447

2110 N. Republic St.
Springfield, IL 62702
217-698-0642 Fax: 217-698-0656
tmi@tmilab.com

08-Nov-07

Joe Truesdale
CSD Environmental SVCS
2220 Yale Blvd
Springfield, IL 62703

TEL: 217-522-4085
FAX 217-522-4087

RE: Ayerco 14-Stanford

Order No.: 0710113

Dear Joe Truesdale:

TMI Analytical Services, LLC received 2 sample(s) on 10/23/2007 for the analyses presented in the following report.

There were no problems with the analyses unless noted on the case narrative or qualified on the analytical results. The final report includes this cover letter, analytical report and a copy of the chain of custody. It may also include but not be limited to letters of explanation or raw data.

Erica Treadway
Inorganic Supervisor

000097

TMI Analytical Services, LLC

Date: 08-Nov-07

CLIENT: CSD Environmental SVCS
Project: Ayerco 14-Stanford
Lab Order: 0710113

CASE NARRATIVE

All samples were received and analyzed within method required holding times unless qualified in the report. Samples met specified acceptance criteria except where noted below or qualified on the report.

D=RL has been set at or above method detection limit and below limit of quantitation.

Subcontracted analyses were performed at a NELAC accredited laboratory #100323.

Report Qualifiers:

- * Increased reporting limit due to required dilution
- B Analyte detected in the associated Method Blank
- F Analyte failed to meet the required acceptance criteria for duplicate analysis
- M Matrix interference(s) identified
- RL Reporting Limit
- SUB Subcontracted
- V Verification standard recovery failed to meet the required acceptance criteria
- A The laboratory control sample failed to meet the required acceptance criteria
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- P Chemical preservation discrepancy noted at time of analysis
- Sc Scan Only
- TNTC Too numerous to count

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TMI Analytical Services, LLC

Laboratory Results

Date: 08-Nov-07

CLIENT: CSD Environmental SVCS Lab Order: 0710113
 Project: Ayerco 14-Stanford

Lab ID: 0710113-001 Collection Date: 10/23/2007 9:00:00 AM
 Client Sample ID: MW-11 Matrix: AQUEOUS

Analyses	RL	Result	Qual	Units	Date Analyzed
PNAS BY EPA 8270C					
Acenaphthene	2.00	<RL		µg/L	10/27/2007 11:09:00 AM
Acenaphthylene	2.00	<RL		µg/L	10/27/2007 11:09:00 AM
Anthracene	2.00	<RL		µg/L	10/27/2007 11:09:00 AM
Benz(a)anthracene	0.10	<RL	D	µg/L	10/27/2007 11:09:00 AM
Benzo(a)pyrene	0.18	<RL		µg/L	10/27/2007 11:09:00 AM
Benzo(b)fluoranthene	0.14	<RL		µg/L	10/27/2007 11:09:00 AM
Benzo(g,h,i)perylene	2.00	<RL		µg/L	10/27/2007 11:09:00 AM
Benzo(k)fluoranthene	0.13	<RL		µg/L	10/27/2007 11:09:00 AM
Chrysene	0.70	<RL		µg/L	10/27/2007 11:09:00 AM
Dibenz(a,h)anthracene	0.23	<RL		µg/L	10/27/2007 11:09:00 AM
Fluoranthene	2.00	<RL		µg/L	10/27/2007 11:09:00 AM
Fluorene	2.00	<RL		µg/L	10/27/2007 11:09:00 AM
Indeno(1,2,3-cd)pyrene	0.16	<RL		µg/L	10/27/2007 11:09:00 AM
Naphthalene	2.00	108	M	µg/L	10/27/2007 11:09:00 AM
Phenanthrene	2.00	<RL		µg/L	10/27/2007 11:09:00 AM
Pyrene	2.00	<RL		µg/L	10/27/2007 11:09:00 AM
VOLATILE ORGANIC COMPOUNDS BY GC/MS, BTE					
Methyl tert-butyl ether	20.0	242		µg/L	11/2/2007
Benzene	20.0	169		µg/L	11/2/2007
Toluene	20.0	<RL		µg/L	11/2/2007
Ethylbenzene	20.0	292		µg/L	11/2/2007
Xylenes, Total	100	375		µg/L	11/2/2007

TMI Analytical Services, LLC

Laboratory Results

Date: 08-Nov-07

CLIENT: CSD Environmental SVCS Lab Order: 0710113
 Project: Ayerco 14-Stanford

Lab ID: 0710113-002 Collection Date: 10/23/2007 8:45:00 AM
 Client Sample ID: MW-15 Matrix: AQUEOUS

Analyses	RL	Result	Qual	Units	Date Analyzed
PNAS BY EPA 8270C					
Acenaphthene	2.04	<RL		µg/L	10/27/2007 11:51:00 AM
Acenaphthylene	2.04	<RL		µg/L	10/27/2007 11:51:00 AM
Anthracene	2.04	<RL		µg/L	10/27/2007 11:51:00 AM
Benz(a)anthracene	0.10	<RL	D	µg/L	10/27/2007 11:51:00 AM
Benzo(a)pyrene	0.18	<RL		µg/L	10/27/2007 11:51:00 AM
Benzo(b)fluoranthene	0.14	<RL		µg/L	10/27/2007 11:51:00 AM
Benzo(g,h,i)perylene	2.04	<RL		µg/L	10/27/2007 11:51:00 AM
Benzo(k)fluoranthene	0.13	<RL		µg/L	10/27/2007 11:51:00 AM
Chrysene	0.71	<RL		µg/L	10/27/2007 11:51:00 AM
Dibenz(a,h)anthracene	0.24	<RL		µg/L	10/27/2007 11:51:00 AM
Fluoranthene	2.04	<RL		µg/L	10/27/2007 11:51:00 AM
Fluorene	2.04	<RL		µg/L	10/27/2007 11:51:00 AM
Indeno(1,2,3-cd)pyrene	0.16	<RL		µg/L	10/27/2007 11:51:00 AM
Naphthalene	2.04	<RL		µg/L	10/27/2007 11:51:00 AM
Phenanthrene	2.04	<RL		µg/L	10/27/2007 11:51:00 AM
Pyrene	2.04	<RL		µg/L	10/27/2007 11:51:00 AM
VOLATILE ORGANIC COMPOUNDS BY GC/MS, BTE					
Methyl tert-butyl ether	5.0	36.7		µg/L	11/2/2007
Benzene	5.0	<RL		µg/L	11/2/2007
Toluene	5.0	<RL		µg/L	11/2/2007
Ethylbenzene	5.0	5.23		µg/L	11/2/2007
Xylenes, Total	15.0	<RL		µg/L	11/2/2007

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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 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 5/57.17). This form has been approved by the Forms Management Center.

**Illinois Environmental Protection Agency
Leaking Underground Storage Tank Program
Laboratory Certification for Chemical Analysis**

A. Site Identification

IEMA Incident # (6- or 8-digit): 997372 IEPALPC# (10-digit): 1671203337
Site Name: Ayerco #14 - Stanford
Site Address (Not a P.O. Box): 430 Stanford Avenue
City: Springfield County: Sangamon ZIP Code: 62703
Leaking UST Technical File

B. Sample Collector

I certify that:

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

C. Laboratory Representative

I certify that:

1. Proper chain-of-custody procedures were followed as documented on the chain-of-custody forms. ET
(initial)
2. Sample integrity was maintained by proper preservation. ET
(initial)
3. All samples were properly labeled. ET
(initial)
4. Quality assurance/quality control procedures were established and carried out. ET
(initial)

5. Sample holding times were not exceeded.

ET
(initial)

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

ET
(initial)

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

ET
(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: James Doerfler
Title: Environmental Scientist
Company: CSD Environmental Svcs.
Address: 2220 Yale Blvd
City: Springfield
State: Illinois
ZIP Code: 62703
Phone: (217) 522-4085
Signature: James Doerfler
Date: October 23, 2007

Laboratory Representative

Name: Erica Treadway
Title: Inorganic Supervisor
Company: Suburban Laboratories, Inc. TMI Analytical
Address: 440 ¹¹⁻⁹⁻⁰⁷ Lin Drive 2110 North Republic St.
City: Hillside ¹¹⁻⁹⁻⁰⁷ Springfield
State: Illinois
ZIP Code: ¹¹⁻⁹⁻⁰⁷ 62703 62702
Phone: ¹¹⁻⁹⁻⁰⁷ (708) 544-3260 (217) 695-0042
Signature: Erica Treadway
Date: 11-9-07

TMI Analytical Services, LLC

NELAC Accredited #100447

2110 N. Republic St.
Springfield, IL 62702
217-698-0642 Fax: 217-698-0656
tmi@tmitab.com

02-Oct-07

Cindy Davis
CSD Environmental SVCS
2220 Yale Blvd
Springfield, IL 62703

TEL: 217-522-4085
FAX 217-522-4087

RE: Ayerco 14-Stanford

Order No.: 0709108

Dear Cindy Davis:

TMI Analytical Services, LLC received 5 sample(s) on 9/26/2007 for the analyses presented in the following report.

There were no problems with the analyses unless noted on the case narrative or qualified on the analytical results. The final report includes this cover letter, analytical report and a copy of the chain of custody. It may also include but not be limited to letters of explanation or raw data.

Dr. David Carpenter
Laboratory Director

000102

TMI Analytical Services, LLC

Date: 02-Oct-07

CLIENT: CSD Environmental SVCS
Project: Ayerco 14-Stanford
Lab Order: 0709108

CASE NARRATIVE

All samples were received and analyzed within method required holding times unless qualified in the report. Samples met specified acceptance criteria except where noted below or qualified on the report.

D=RL lowered to detection limit.

Report Qualifiers:

- * Increased reporting limit due to required dilution
- A The laboratory control sample failed to meet the required acceptance criteria
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- F Analyte failed to meet the required acceptance criteria for duplicate analysis
- H Holding times for preparation or analysis exceeded
- M Matrix interference(s) identified
- P Chemical preservation discrepancy noted at time of analysis
- RL Reporting Limit
- Sc Scan Only
- SUB Subcontracted
- TNTC Too numerous to count
- V Verification standard recovery failed to meet the required acceptance criteria.

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TMI Analytical Services, LLC

Laboratory Results

Date: 02-Oct-07

CLIENT: CSD Environmental SVCS
Project: Ayerco 14-Stanford

Lab Order: 0709108

Lab ID: 0709108-001
Client Sample ID: MW-14

Collection Date: 9/26/2007

Matrix: AQUEOUS

Analyses	RL	Result	Qual	Units	Date Analyzed
PNAS BY EPA 8270C					
Acenaphthene	2.00	<RL		µg/L	9/28/2007 7:24:00 PM
Acenaphthylene	2.00	<RL		µg/L	9/28/2007 7:24:00 PM
Anthracene	2.00	<RL		µg/L	9/28/2007 7:24:00 PM
Benz(a)anthracene	0.10	<RL	D	µg/L	9/28/2007 7:24:00 PM
Benzo(a)pyrene	0.18	<RL	D	µg/L	9/28/2007 7:24:00 PM
Benzo(b)fluoranthene	0.14	<RL	D	µg/L	9/28/2007 7:24:00 PM
Benzo(g,h,i)perylene	2.00	<RL		µg/L	9/28/2007 7:24:00 PM
Benzo(k)fluoranthene	0.13	<RL	D	µg/L	9/28/2007 7:24:00 PM
Chrysene	0.70	<RL	D	µg/L	9/28/2007 7:24:00 PM
Dibenz(a,h)anthracene	0.23	<RL	D	µg/L	9/28/2007 7:24:00 PM
Fluoranthene	2.00	<RL		µg/L	9/28/2007 7:24:00 PM
Fluorene	2.00	<RL		µg/L	9/28/2007 7:24:00 PM
Indeno(1,2,3-cd)pyrene	0.16	<RL	D	µg/L	9/28/2007 7:24:00 PM
Naphthalene	2.00	<RL		µg/L	9/28/2007 7:24:00 PM
Phenanthrene	2.00	<RL		µg/L	9/28/2007 7:24:00 PM
Pyrene	2.00	<RL		µg/L	9/28/2007 7:24:00 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS, BTE					
Benzene	2.0	<RL		µg/L	9/29/2007
Toluene	2.0	<RL		µg/L	9/29/2007
Ethylbenzene	2.0	<RL		µg/L	9/29/2007
Xylenes, Total	5.0	<RL		µg/L	9/29/2007

TMI Analytical Services, LLC

Laboratory Results

Date: 02-Oct-07

CLIENT: CSD Environmental SVCS
Project: Ayerco 14-Stanford

Lab Order: 0709108

Lab ID: 0709108-002
Client Sample ID: MW-20

Collection Date: 9/26/2007

Matrix: AQUEOUS

Analyses	RL	Result	Qual	Units	Date Analyzed
PNAS BY EPA 8270C					
Acenaphthene	2.00	<RL		µg/L	9/28/2007 8:06:00 PM
Acenaphthylene	2.00	<RL		µg/L	9/28/2007 8:06:00 PM
Anthracene	2.00	<RL		µg/L	9/28/2007 8:06:00 PM
Benz(a)anthracene	0.10	<RL	D	µg/L	9/28/2007 8:06:00 PM
Benzo(a)pyrene	0.18	<RL	D	µg/L	9/28/2007 8:06:00 PM
Benzo(b)fluoranthene	0.14	<RL	D	µg/L	9/28/2007 8:06:00 PM
Benzo(g,h,i)perylene	2.00	<RL		µg/L	9/28/2007 8:06:00 PM
Benzo(k)fluoranthene	0.13	<RL	D	µg/L	9/28/2007 8:06:00 PM
Chrysene	0.70	<RL	D	µg/L	9/28/2007 8:06:00 PM
Dibenz(a,h)anthracene	0.23	<RL	D	µg/L	9/28/2007 8:06:00 PM
Fluoranthene	2.00	<RL		µg/L	9/28/2007 8:06:00 PM
Fluorene	2.00	<RL		µg/L	9/28/2007 8:06:00 PM
Indeno(1,2,3-cd)pyrene	0.16	<RL	D	µg/L	9/28/2007 8:06:00 PM
Naphthalene	20.0	164	M	µg/L	10/1/2007 1:57:00 PM
Phenanthrene	2.00	<RL		µg/L	9/28/2007 8:06:00 PM
Pyrene	2.00	<RL		µg/L	9/28/2007 8:06:00 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS, BTE					
Benzene	200	235		µg/L	10/1/2007
Toluene	2.0	73.9		µg/L	9/30/2007
Ethylbenzene	200	1500		µg/L	10/1/2007
Xylenes, Total	500	4720		µg/L	10/1/2007

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TMI Analytical Services, LLC

Laboratory Results

Date: 02-Oct-07

CLIENT: CSD Environmental SVCS
 Project: Ayerco 14-Stanford

Lab Order: 0709108

Lab ID: 0709108-003
 Client Sample ID: MW-21

Collection Date: 9/26/2007

Matrix: AQUEOUS

Analyses	RL	Result	Qual	Units	Date Analyzed
PNAS BY EPA 8270C					
Acenaphthene	2.00	<RL		µg/L	9/28/2007 11:41:00 PM
Acenaphthylene	2.00	<RL		µg/L	9/28/2007 11:41:00 PM
Anthracene	2.00	<RL		µg/L	9/28/2007 11:41:00 PM
Benz(a)anthracene	0.10	<RL	D	µg/L	9/28/2007 11:41:00 PM
Benzo(a)pyrene	0.18	<RL	D	µg/L	9/28/2007 11:41:00 PM
Benzo(b)fluoranthene	0.14	<RL	D	µg/L	9/28/2007 11:41:00 PM
Benzo(g,h,i)perylene	2.00	<RL		µg/L	9/28/2007 11:41:00 PM
Benzo(k)fluoranthene	0.13	<RL	D	µg/L	9/28/2007 11:41:00 PM
Chrysene	0.70	<RL	D	µg/L	9/28/2007 11:41:00 PM
Dibenz(a,h)anthracene	0.23	<RL	D	µg/L	9/28/2007 11:41:00 PM
Fluoranthene	2.00	<RL		µg/L	9/28/2007 11:41:00 PM
Fluorene	2.00	<RL		µg/L	9/28/2007 11:41:00 PM
Indeno(1,2,3-cd)pyrene	0.16	<RL	D	µg/L	9/28/2007 11:41:00 PM
Naphthalene	20.0	780	M	µg/L	9/28/2007 10:58:00 PM
Phenanthrene	2.00	<RL		µg/L	9/28/2007 11:41:00 PM
Pyrene	2.00	<RL		µg/L	9/28/2007 11:41:00 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS, BTE					
Benzene	40.0	2000		µg/L	9/30/2007
Toluene	40.0	82.0		µg/L	9/30/2007
Ethylbenzene	200	4110		µg/L	10/1/2007
Xylenes, Total	500	16000		µg/L	10/1/2007

TMI Analytical Services, LLC

Laboratory Results

Date: 02-Oct-07

CLIENT: CSD Environmental SVCS
 Project: Ayerco 14-Stanford

Lab Order: 0709108

Lab ID: 0709108-004
 Client Sample ID: MW-22

Collection Date: 9/26/2007

Matrix: AQUEOUS

Analyses	RL	Result	Qual	Units	Date Analyzed
PNAS BY EPA 8270C					
Acenaphthene	2.00	<RL		µg/L	9/28/2007 8:49:00 PM
Acenaphthylene	2.00	<RL		µg/L	9/28/2007 8:49:00 PM
Anthracene	2.00	<RL		µg/L	9/28/2007 8:49:00 PM
Benz(a)anthracene	0.10	<RL	D	µg/L	9/28/2007 8:49:00 PM
Benzo(a)pyrene	0.18	<RL	D	µg/L	9/28/2007 8:49:00 PM
Benzo(b)fluoranthene	0.14	<RL	D	µg/L	9/28/2007 8:49:00 PM
Benzo(g,h,i)perylene	2.00	<RL		µg/L	9/28/2007 8:49:00 PM
Benzo(k)fluoranthene	0.13	<RL	D	µg/L	9/28/2007 8:49:00 PM
Chrysene	0.70	<RL	D	µg/L	9/28/2007 8:49:00 PM
Dibenz(a,h)anthracene	0.23	<RL	D	µg/L	9/28/2007 8:49:00 PM
Fluoranthene	2.00	<RL		µg/L	9/28/2007 8:49:00 PM
Fluorene	2.00	<RL		µg/L	9/28/2007 8:49:00 PM
Indeno(1,2,3-cd)pyrene	0.16	<RL	D	µg/L	9/28/2007 8:49:00 PM
Naphthalene	2.00	<RL		µg/L	9/28/2007 8:49:00 PM
Phenanthrene	2.00	<RL		µg/L	9/28/2007 8:49:00 PM
Pyrene	2.00	<RL		µg/L	9/28/2007 8:49:00 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS, BTE					
Benzene	2.0	2.2		µg/L	9/30/2007
Toluene	2.0	<RL		µg/L	9/30/2007
Ethylbenzene	2.0	<RL		µg/L	9/30/2007
Xylenes, Total	5.0	<RL		µg/L	9/30/2007

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TMI Analytical Services, LLC

Laboratory Results

Date: 02-Oct-07

CLIENT: CSD Environmental SVCS
Project: Ayerco 14-Stanford

Lab Order: 0709108

Lab ID: 0709108-005
Client Sample ID: MW-23

Collection Date: 9/26/2007

Matrix: AQUEOUS

Analyses	RL	Result	Qual	Units	Date Analyzed
PNAS BY EPA 8270C		SW8270C		(SW3510)	Analyst: KM
Acenaphthene	2.00	<RL		µg/L	9/28/2007 9:32:00 PM
Acenaphthylene	2.00	<RL		µg/L	9/28/2007 9:32:00 PM
Anthracene	2.00	<RL		µg/L	9/28/2007 9:32:00 PM
Benzo(a)anthracene	0.10	<RL	D	µg/L	9/28/2007 9:32:00 PM
Benzo(a)pyrene	0.18	<RL	D	µg/L	9/28/2007 9:32:00 PM
Benzo(b)fluoranthene	0.14	<RL	D	µg/L	9/28/2007 9:32:00 PM
Benzo(g,h,i)perylene	2.00	<RL		µg/L	9/28/2007 9:32:00 PM
Benzo(k)fluoranthene	0.13	<RL	D	µg/L	9/28/2007 9:32:00 PM
Chrysene	0.70	<RL	D	µg/L	9/28/2007 9:32:00 PM
Dibenz(a,h)anthracene	0.23	<RL	D	µg/L	9/28/2007 9:32:00 PM
Fluoranthene	2.00	<RL		µg/L	9/28/2007 9:32:00 PM
Fluorene	2.00	<RL		µg/L	9/28/2007 9:32:00 PM
Indeno(1,2,3-cd)pyrene	0.16	<RL	D	µg/L	9/28/2007 9:32:00 PM
Naphthalene	2.00	<RL		µg/L	9/28/2007 9:32:00 PM
Phenanthrene	2.00	<RL		µg/L	9/28/2007 9:32:00 PM
Pyrene	2.00	<RL		µg/L	9/28/2007 9:32:00 PM
VOLATILE ORGANIC COMPOUNDS BY GC/MS, BTE		SW8260B			Analyst: GV
Benzene	2.0	13.1		µg/L	9/30/2007
Toluene	2.0	<RL		µg/L	9/30/2007
Ethylbenzene	2.0	2.9		µg/L	9/30/2007
Xylenes, Total	5.0	5.3		µg/L	9/30/2007

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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 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 5/57.17). This form has been approved by the Forms Management Center.

**Illinois Environmental Protection Agency
Leaking Underground Storage Tank Program
Laboratory Certification for Chemical Analysis**

A. Site Identification

IEMA Incident # (6- or 8-digit): 991372 IEPA LPC# (10-digit): 1671205343
Site Name: Illinois Ayers Oil Company (Ayerco #14)
Site Address (Not a P.O. Box): 430 Stanford Avenue
City: Springfield County: Sangamon ZIP Code: 62703
Leaking UST Technical File

B. Sample Collector

I certify that:

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

C. Laboratory Representative

I certify that:

1. Proper chain-of-custody procedures were followed as documented on the chain-of-custody forms DR
(initial)
2. Sample integrity was maintained by proper preservation. DR
(initial)
3. All samples were properly labeled. DR
(initial)
4. Quality assurance/quality control procedures were established and carried out. DR
(initial)

5. Sample holding times were not exceeded.

DS
(initial)

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

DS
(initial)

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

DS
(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: Eric Ihnen
Title: Environmental Scientist
Company: CSD Environmental Svcs.
Address: 2220 Yale Blvd
City: Springfield
State: Illinois
ZIP Code: 62703
Phone: (217) 522-4085
Signature: _____
Date: _____

Laboratory Representative

Name: DAVID CARPENTER
Title: LABORATORY DIRECTOR
Company: TMI Laboratories
Address: 2110 N. Republic Street
City: Springfield
State: Illinois
ZIP Code: 62702
Phone: (217) 698-0642
Signature: David F. Carpenter
Date: Oct 5, 2009



SUBURBAN LABORATORIES, Inc.

4140 Lit Drive • Hillside, Illinois 60162-1183
Tel. (708) 544-3260 • Toll Free (800) 783-LABS • Fax (708) 544-8587
www.SuburbanLabs.com



August 22, 2003

J. Truesdale
CSD Environmental Services, Inc.
2220 Yale Blvd.
Springfield, IL 62703
Tel: (217) 522-4085
Fax: (217) 522-4087

Project Name: Stanford Ave. & 5th St.

Workorder #: 03080620

Dear J. Truesdale,

Suburban Laboratories, Inc. received 10 samples on 8/19/03 9:10:00 AM for the analyses presented in the following report.

There were no problems with the analyses and all the data for the associated QC met EPA, or laboratory specifications except where noted in the case narrative.

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

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

Sincerely,

Mike Chung

Data Review Manager

CC: E-Mail report





SUBURBAN LABORATORIES, Inc.

4140 Litt Drive · Hillside, Illinois 60182-1183
Tel. (708) 544-3260 · Toll Free (800) 783-LABS · Fax (708) 544-8587
www.SuburbanLabs.com



Client ID: CSD Environmental Services, Inc.

Workorder Name: Stanford Ave. & 5th St.

Workorder #: 03080620

COC #: 9101

Temp Upon Receipt: 10 °C

CASE NARRATIVE

Date: Friday, August 22, 2003

PO #:

QC Level: LEVEL I

General Comments:

- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of Part 186 unless otherwise indicated.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated. For more information about the laboratories' scope of accreditation, please contact Suburban or the Agency.
- MDL: Method Detection Limit. The minimum concentration of an analyte that can be measured and reported with a 99% confidence that analyte is greater than zero.
- PQL: Practical Quantitation Limit. The lowest concentration that can be reliably achieved within specified requirements of precision and accuracy during routine laboratory operating conditions. The PQL is generally 3 times the MDL.
- DF: Dilution Factor
- <ATC>: Automatic Temperature Correction.

Data Qualifiers:

J: The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ: The analyte was not detected above the reported detection limit. However, the reported limits approximate and may or may not represent the actual limits of detection and quantitation necessary to accurately and precisely measure the analyte in the sample.

I: Result is Invalid; CS: Compound Screened; TNTC: Too Numerous to Count

Method References:

E: USEPA Methods for the Determination of Inorganic Substances in Environmental Samples; Methods for Chemical Analysis of Water and Wastes; Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater, 40CFR136 App A; Methods for the Determination of Metals in Environmental Samples; Methods for the Determination of Organic Compounds in Drinking Water

SW: USEPA, Test Methods for Evaluating Solid Waste, SW-846, 3rd Ed, includes Updates I-III

M: APHA, Standard Methods for the Examination of Water and Wastewater, 18th & 19th Ed.

D: ASTM, Annual Book of Standards F: NAS, Food Chemicals Codex (FCC), 4th Edition

B: US FDA Bacteriological Analytical Manual (BAM) 8th Edition, 1995

USP: US Pharmacopoeia, 24th Revision, 2000

USGS: United States Geological Survey

Project Specific Comments:



Client ID: CSD Environmental Services, Inc.

Workorder #: 03080620

Workorder Name: Stanford Ave. & 5th St.

Date: Friday, August 22, 2003

Lab Sample #: 03080620-01A	Collection Date: 8/15/03
Client Sample ID: MW-10	Received Date: 8/19/03 9:10:00 AM
Matrix: GROUNDWATER	

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			Method: SW8260B				Analyst: BK
Benzene	0.48	J	0.317	0.950	µg/L	1	8/19/03 3:38 pm
Ethylbenzene	4.79		0.376	1.13	µg/L	1	8/19/03 3:38 pm
m,p-Xylene	0.94	J	0.852	2.56	µg/L	1	8/19/03 3:38 pm
Naphthalene	0.72	J	0.382	1.14	µg/L	1	8/19/03 3:38 pm
o-Xylene	ND		0.545	1.64	µg/L	1	8/19/03 3:38 pm
Toluene	ND		0.383	1.15	µg/L	1	8/19/03 3:38 pm
Surr: 4-Bromofluorobenzene	102		0	67.9-119	%REC	1	8/19/03 3:38 pm
Surr: Dibromofluoromethane	101		0	62.3-122	%REC	1	8/19/03 3:38 pm
Surr: Toluene-d8	101		0	68.2-119	%REC	1	8/19/03 3:38 pm

Lab Sample #: 03080620-02A	Collection Date: 8/15/03
Client Sample ID: MW-11	Received Date: 8/19/03 9:10:00 AM
Matrix: GROUNDWATER	

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			Method: SW8260B				Analyst: BK
Benzene	270		3.17	9.50	µg/L	10	8/21/03 5:48 pm
Ethylbenzene	194		3.76	11.3	µg/L	10	8/21/03 5:48 pm
m,p-Xylene	445		8.52	25.6	µg/L	10	8/21/03 5:48 pm
Naphthalene	63.8		3.82	11.4	µg/L	10	8/21/03 5:48 pm
o-Xylene	27.4		5.45	16.4	µg/L	10	8/21/03 5:48 pm
Toluene	10	J	3.83	11.5	µg/L	10	8/21/03 5:48 pm
Surr: 4-Bromofluorobenzene	101		0	67.9-119	%REC	10	8/21/03 5:48 pm
Surr: Dibromofluoromethane	99.8		0	62.3-122	%REC	10	8/21/03 5:48 pm
Surr: Toluene-d8	103		0	68.2-119	%REC	10	8/21/03 5:48 pm

Qualifiers: ND - Not Detected at the Method Detection Limit
MCL-Contaminant
 Prescribed
 J - Estimated or analyte detected below quantitation limit
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level
 c - Analyte not included in our scope of accreditation

S - Spikes Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Analysis run past method holding time
 DF - Dilution Factor



Suburban Laboratories, Inc.

4140 Lin Drive Hillside, IL 60162 (708) 544-3260

Laboratory Results

Client ID: CSD Environmental Services, Inc.

Workorder #: 03080620

Workorder Name: Stanford Ave. & 5th St.

Date: Friday, August 21, 2003

Lab Sample #: 03080620-03A	Collection Date: 8/15/03
Client Sample ID: MW-12	Received Date: 8/19/03 9:10:00 AM
Matrix: GROUNDWATER	

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS							
			Method: SW8260B				Analyst BK
Benzene	2.02		0.317	0.950	µg/L	1	8/19/03 4:11 pm
Ethylbenzene	0.54	J	0.376	1.13	µg/L	1	8/19/03 4:11 pm
m,p-Xylene	1.8	J	0.852	2.58	µg/L	1	8/19/03 4:11 pm
Naphthalene	2.29		0.382	1.14	µg/L	1	8/19/03 4:11 pm
o-Xylene	ND		0.545	1.64	µg/L	1	8/19/03 4:11 pm
Toluene	ND		0.383	1.15	µg/L	1	8/19/03 4:11 pm
Surr: 4-Bromofluorobenzene	102		0	67.9-119	%REC	1	8/19/03 4:11 pm
Surr: Dibromofluoromethane	99.5		0	62.3-122	%REC	1	8/19/03 4:11 pm
Surr: Toluene-d8	101		0	68.2-119	%REC	1	8/19/03 4:11 pm

Lab Sample #: 03080620-04A	Collection Date: 8/15/03
Client Sample ID: MW-13	Received Date: 8/19/03 9:10:00 AM
Matrix: GROUNDWATER	

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS							
			Method: SW8260B				Analyst BK
Benzene	0.44	J	0.317	0.950	µg/L	1	8/19/03 4:45 pm
Ethylbenzene	5.08		0.376	1.13	µg/L	1	8/19/03 4:45 pm
m,p-Xylene	5.17		0.852	2.58	µg/L	1	8/19/03 4:45 pm
Naphthalene	2.65		0.382	1.14	µg/L	1	8/19/03 4:45 pm
o-Xylene	ND		0.545	1.64	µg/L	1	8/19/03 4:45 pm
Toluene	ND		0.383	1.15	µg/L	1	8/19/03 4:45 pm
Surr: 4-Bromofluorobenzene	104		0	67.9-119	%REC	1	8/19/03 4:45 pm
Surr: Dibromofluoromethane	100		0	62.3-122	%REC	1	8/19/03 4:45 pm
Surr: Toluene-d8	102		0	68.2-119	%REC	1	8/19/03 4:45 pm

Qualifiers: ND - Not Detected at the Method Detection Limit
 J - Estimated or analyte detected below quantitation limit
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level
 c - Analyte not included in our scope of accreditation

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Analysis run past method holding time
 DF - Dilution Factor



Laboratory Results

Client ID: CSD Environmental Services, Inc.

Workorder #: 03080620

Workorder Name: Stanford Ave. & 5th St.

Date: Friday, August 22, 2003

Lab Sample #: 03080620-05A	Collection Date: 8/15/03
Client Sample ID: MW-14	Received Date: 8/19/03 9:10:00 AM
Matrix: GROUNDWATER	

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			Method: SW8260B				Analyst: BK
Benzene	ND		0.317	0.950	µg/L	1	8/19/03 5:18 pm
Ethylbenzene	1.1	J	0.376	1.13	µg/L	1	8/19/03 5:18 pm
m,p-Xylene	0.98	J	0.852	2.56	µg/L	1	8/19/03 5:18 pm
Naphthalene	0.51	J	0.382	1.14	µg/L	1	8/19/03 5:18 pm
o-Xylene	ND		0.545	1.64	µg/L	1	8/19/03 5:18 pm
Toluene	ND		0.383	1.15	µg/L	1	8/19/03 5:18 pm
Surr: 4-Bromofluorobenzene	104		0	67.9-119	%REC	1	8/19/03 5:18 pm
Surr: Dibromofluoromethane	99.5		0	62.3-122	%REC	1	8/19/03 5:18 pm
Surr: Toluene-d8	103		0	68.2-119	%REC	1	8/19/03 5:18 pm

Lab Sample #: 03080620-06A	Collection Date: 8/15/03
Client Sample ID: MW-15	Received Date: 8/19/03 9:10:00 AM
Matrix: GROUNDWATER	

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			Method: SW8260B				Analyst: BK
Benzene	21.9		0.317	0.950	µg/L	1	8/19/03 5:52 pm
Ethylbenzene	73.5		0.376	1.13	µg/L	1	8/19/03 5:52 pm
m,p-Xylene	51.2		0.852	2.56	µg/L	1	8/19/03 5:52 pm
Naphthalene	10.0		0.382	1.14	µg/L	1	8/19/03 5:52 pm
o-Xylene	0.92	J	0.545	1.64	µg/L	1	8/19/03 5:52 pm
Toluene	1.27		0.383	1.15	µg/L	1	8/19/03 5:52 pm
Surr: 4-Bromofluorobenzene	104		0	67.9-119	%REC	1	8/19/03 5:52 pm
Surr: Dibromofluoromethane	99.7		0	62.3-122	%REC	1	8/19/03 5:52 pm
Surr: Toluene-d8	103		0	68.2-119	%REC	1	8/19/03 5:52 pm

Qualifiers: ND - Not Detected at the Method Detection Limit
 J - Estimated or analyte detected below quantitation limit
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level
 c - Analyte not included in our scope of accreditation

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Analysis run past method holding time
 DF - Dilution Factor



Suburban Laboratories, Inc.

4140 Lin Drive Hillside, IL 60162 (708) 544-3260

Laboratory Results

Client ID: CSD Environmental Services, Inc.

Workorder #: 03080620

Workorder Name: Stanford Ave. & 5th St.

Date: Friday, August 22, 2003

Lab Sample #: 03080620-07A	Collection Date: 8/15/03
Client Sample ID: MW-16	Received Date: 8/19/03 9:10:00 AM
Matrix: GROUNDWATER	

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			Method: SW8260B				Analyst: BK
Benzene	ND		0.317	0.950	µg/L	1	8/19/03 6:25 pm
Ethylbenzene	ND		0.376	1.13	µg/L	1	8/19/03 6:25 pm
m,p-Xylene	ND		0.852	2.56	µg/L	1	8/19/03 6:25 pm
Naphthalene	ND		0.382	1.14	µg/L	1	8/19/03 6:25 pm
o-Xylene	ND		0.545	1.64	µg/L	1	8/19/03 6:25 pm
Toluene	ND		0.383	1.15	µg/L	1	8/19/03 6:25 pm
Surr: 4-Bromofluorobenzene	103		0	67.9-119	%REC	1	8/19/03 6:25 pm
Surr: Dibromofluoromethane	99.4		0	62.3-122	%REC	1	8/19/03 6:25 pm
Surr: Toluene-d8	101		0	68.2-119	%REC	1	8/19/03 6:25 pm

Lab Sample #: 03080620-08A	Collection Date: 8/15/03
Client Sample ID: MW-17	Received Date: 8/19/03 9:10:00 AM
Matrix: GROUNDWATER	

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			Method: SW8260B				Analyst: BK
Benzene	ND		0.317	0.950	µg/L	1	8/19/03 6:58 pm
Ethylbenzene	ND		0.376	1.13	µg/L	1	8/19/03 6:58 pm
m,p-Xylene	ND		0.852	2.56	µg/L	1	8/19/03 6:58 pm
Naphthalene	ND		0.382	1.14	µg/L	1	8/19/03 6:58 pm
o-Xylene	ND		0.545	1.64	µg/L	1	8/19/03 6:58 pm
Toluene	ND		0.383	1.15	µg/L	1	8/19/03 6:58 pm
Surr: 4-Bromofluorobenzene	102		0	67.9-119	%REC	1	8/19/03 6:58 pm
Surr: Dibromofluoromethane	98.9		0	62.3-122	%REC	1	8/19/03 6:58 pm
Surr: Toluene-d8	102		0	68.2-119	%REC	1	8/19/03 6:58 pm

Qualifiers: ND - Not Detected at the Method Detection Limit
 J - Estimated or analyte detected below quantitation limit
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level
 c - Analyte not included in our scope of accreditation

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Analysis run past method holding time
 DF - Dilution Factor



Client ID: CSD Environmental Services, Inc.

Workorder #: 03080620

Workorder Name: Stanford Ave. & 5th St.

Date: Friday, August 22, 2003

Lab Sample #: 03080620-09A	Collection Date: 8/15/03
Client Sample ID: MW-18	Received Date: 8/19/03 9:10:00 AM
Matrix: GROUNDWATER	

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			Method: SW8260B				Analyst: BK
Benzene	ND		0.317	0.950	µg/L	1	8/19/03 7:32 pm
Ethylbenzene	ND		0.376	1.13	µg/L	1	8/19/03 7:32 pm
m,p-Xylene	ND		0.852	2.56	µg/L	1	8/19/03 7:32 pm
Naphthalene	ND		0.382	1.14	µg/L	1	8/19/03 7:32 pm
o-Xylene	ND		0.545	1.64	µg/L	1	8/19/03 7:32 pm
Toluene	ND		0.383	1.15	µg/L	1	8/19/03 7:32 pm
Surr: 4-Bromofluorobenzene	103		0	87.9-119	%REC	1	8/19/03 7:32 pm
Surr: Dibromofluoromethane	101		0	82.3-122	%REC	1	8/19/03 7:32 pm
Surr: Toluene-d8	102		0	88.2-119	%REC	1	8/19/03 7:32 pm

Lab Sample #: 03080620-10A	Collection Date: 8/15/03
Client Sample ID: MW-19	Received Date: 8/19/03 9:10:00 AM
Matrix: GROUNDWATER	

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			Method: SW8260B				Analyst: BK
Benzene	0.70	J	0.317	0.950	µg/L	1	8/21/03 3:17 pm
Ethylbenzene	ND		0.376	1.13	µg/L	1	8/21/03 3:17 pm
m,p-Xylene	ND		0.852	2.56	µg/L	1	8/21/03 3:17 pm
Naphthalene	ND		0.382	1.14	µg/L	1	8/21/03 3:17 pm
o-Xylene	ND		0.545	1.64	µg/L	1	8/21/03 3:17 pm
Toluene	1.1	J	0.383	1.15	µg/L	1	8/21/03 3:17 pm
Surr: 4-Bromofluorobenzene	100		0	87.9-119	%REC	1	8/21/03 3:17 pm
Surr: Dibromofluoromethane	89.0		0	82.3-122	%REC	1	8/21/03 3:17 pm
Surr: Toluene-d8	103		0	88.2-119	%REC	1	8/21/03 3:17 pm

Qualifiers: ND - Not Detected at the Method Detection Limit
MSL-Outside
 Production J - Estimated or analyte detected below quantitation limit
 B - Analyte detected in the associated Method Blank
 * - Value exceeds Maximum Contaminant Level
 c - Analyte not included in our scope of accreditation

S - Spike Recovery outside accepted recovery limits
 R - RPD outside accepted recovery limits
 E - Value above quantitation range
 H - Analysis run past method holding time
 DF - Dilution Factor



PREP DATES REPORT

Client ID:

Workorder #:

Project Name:

Date: *Friday, August 22, 2003*

Lab Sample ID	Collection Date	Batch #	Prep Method	Prep Name	Prep Date
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The Agency is authorized to require the information under Section 4-106. This Act is part of the Government Code, Sections 4-101 to 4-110. Failure to disclose this information may result in a civil penalty of not to exceed \$30,000.00 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 5/4-106). Any person who knowingly makes a false material statement or representation 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 5/57.17). This form has been approved by the Forms Management Center.

Illinois Environmental Protection Agency
Leaking Underground Storage Tank Program
Laboratory Certification for Chemical Analysis

A. Site Identification

IEMA Incident # (6 digit): _____ IEPA Generator # (10 digit): _____

Site Name: Ayeco 14

Site Address (Not a P.O. Box): 15th St + Stamford Ave

City: Springfield IL County: Sangamon

B. Sample Collector

I certify that:

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

P.C
(initial)

P.C
(initial)

P.C
(initial)

P.C
(initial)

C. Laboratory Representative

I certify that:

- Proper chain of custody procedures were followed as documented on the chain of custody forms.
- Sample integrity was maintained by proper preservation.
- All samples were properly labeled.
- Quality assurance/quality control procedures were established and carried out.
- Sample holding times were not exceeded.
- SW-846 Analytical Laboratory Procedure (USEPA) methods were used for the analyses.

dl
(initial)

dl
(initial)

dl
(initial)

dl
(initial)

dl
(initial)

dl
(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

Laboratory Representative

Name: Pete Correll

Name: Michael Chung

Title: Field Technician

Title: Data Review Manager

Company: CSD Environmental Services

Company: Suburban Labs, Inc.

Address: 2220 Yale Boulevard

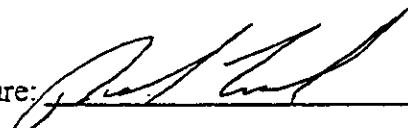
Address: 4140 Litt Drive

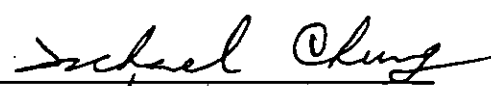
Springfield, IL 62703

Hillside, IL 60162

Phone: (217) 522-4085

Phone: (708) 544-3260

Signature: 

Signature: 

Date: 8-15-03

Date: 8/22/03

SL# 03080620



SUBURBAN LABORATORIES, Inc.

4140 Litt Drive · Hillside, Illinois 60162-1183
Tel. (708) 544-3280 · Toll Free (800) 783-LABS · Fax (708) 544-8587



September 06, 2002

J. Truesdale
CSD Environmental Services, Inc.
2220 Yale Blvd.
Springfield, IL 62703
Tel: (217) 522-4085
Fax: (217) 522-4087

Project Name: Ayerco 14 5th & Stanford Springfield, IL

Lab Order # 02080959

Dear J. Truesdale,

Suburban Laboratories, Inc. received 10 samples on 8/28/2002 10:20:00 AM for the analyses presented in the following report.

There were no problems with the analyses and all the data for the associated QC met EPA or laboratory specifications except where noted in the case narrative.

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

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

Sincerely,

Mike Chung
Data Review Manager

CC: E-Mail report



SUBURBAN LABORATORIES, Inc.

4140 Litt Drive · Hillside, Illinois 60162-1183
Tel. (708) 544-3260 · Toll Free (800) 783-LABS · Fax (708) 544-8587



CLIENT: CSD Environmental Services, Inc.
Project: Ayerco 14 5th & Stanford Springfield, IL
Lab Order # 02080959

CASE NARRATIVE

Date: Friday, September 06, 2002

General Comments:

- All results reported in wet weight unless otherwise indicated. (dry = Dry Weight)
- Sample results relate only to the analytes of interest tested and to sample as received by the laboratory.
- Environmental compliance sample results meet the requirements of Part 186 unless otherwise indicated.
- Accreditation by the State of Illinois is not an endorsement or a guarantee of the validity of data generated. For more information about the laboratories' scope of accreditation, please contact Suburban or the Agency.
- MDL: Method Detection Limit. The minimum concentration of an analyte that can be measured and reported with a 99% confidence that analyte is greater than zero.
- PQL: Practical Quantitation Limit. The lowest concentration that can be reliably achieved within specified requirements of precision and accuracy during routine laboratory operating conditions. The PQL is generally 3 times the MDL.
- DF: Dilution Factor

Data Qualifiers:

J: The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

UJ: The analyte was not detected above the reported detection limit. However, the reported limits approximate and may or may not represent the actual limits of detection and quantitation necessary to accurately and precisely measure the analyte in the sample.

I: Result is Invalid; **CS:** Compound Screened; **TNTC:** Too Numerous to Count

Method References:

E: USEPA Methods for the Determination of Inorganic Substances in Environmental Samples; Methods for Chemical Analysis of Water and Wastes; Methods for Organic Chemical Analysis of Municipal and Industrial Wastewater, 40CFR136 App A; Methods for the Determination of Metals in Environmental Samples; Methods for the Determination of Organic Compounds in Drinking Water

SW: USEPA, Test Methods for Evaluating Solid Waste, SW-846, 3rd Ed, includes Updates I-III

M: APHA, Standard Methods for the Examination of Water and Wastewater, 18th & 19th Ed.

D: ASTM, Annual Book of Standards **F:** NAS, Food Chemicals Codex (FCC), 4th Edition

B: US FDA Bacteriological Analytical Manual (BAM) 8th Edition, 1995

USP: US Pharmacopoeia, 24th Revision, 2000

Project Specific Comments:



CLIENT: CSD Environmental Services, Inc.
Project: Ayerco 14 5th & Stanford Springfield, IL

Lab Order #: 02080959

Lab Sample ID: 02080959-01 **Date Received:** 8/28/2002 10:20:00 AM **Collection Date:** 8/27/2002 11:25:00 AM
Client Sample ID: MW-10 **Matrix:** GROUNDWATER

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			Method: SW8260B		Analyst: BK		
Benzene	4.75		0.317	0.950	µg/L	1	9/4/2002 9:35 am
Ethylbenzene	30.1		0.376	1.13	µg/L	1	9/4/2002 9:35 am
m,p-Xylene	29.3		0.852	2.56	µg/L	1	9/4/2002 9:35 am
Naphthalene	9.29		0.382	1.14	µg/L	1	9/4/2002 9:35 am
o-Xylene	2.33		0.545	1.64	µg/L	1	9/4/2002 9:35 am
Toluene	1.1	J	0.383	1.15	µg/L	1	9/4/2002 9:35 am
Surr: 4-Bromofluorobenzene	112		0	70-130	%REC	1	9/4/2002 9:35 am
Surr: Dibromofluoromethane	98.0		0	70-130	%REC	1	9/4/2002 9:35 am
Surr: Toluene-d8	109		0	70-130	%REC	1	9/4/2002 9:35 am

Lab Sample ID: 02080959-02 **Date Received:** 8/28/2002 10:20:00 AM **Collection Date:** 8/27/2002 11:35:00 AM
Client Sample ID: MW-11 **Matrix:** GROUNDWATER

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			Method: SW8260B		Analyst: BK		
Benzene	552		3.17	5.00	µg/L	10	9/5/2002 3:50 am
Ethylbenzene	704		10.0	11.3	µg/L	10	9/5/2002 3:50 am
m,p-Xylene	790		20.0	25.6	µg/L	10	9/5/2002 3:50 am
Naphthalene	71.2		10.0	11.4	µg/L	10	9/5/2002 3:50 am
Naphthalene	43.7		0.382	1.14	µg/L	1	9/4/2002 10:09 am
o-Xylene	46.8		0.545	1.64	µg/L	1	9/4/2002 10:09 am
Toluene	17.0		0.383	1.15	µg/L	1	9/4/2002 10:09 am
Surr: 4-Bromofluorobenzene	111		0	70-130	%REC	1	9/4/2002 10:09 am
Surr: Dibromofluoromethane	95.6		0	70-130	%REC	1	9/4/2002 10:09 am
Surr: Toluene-d8	111		0	70-130	%REC	1	9/4/2002 10:09 am

Qualifiers: ND - Not Detected at the Method Detection Limit S - Spike Recovery outside accepted recovery limits
 J - Estimated or analyte detected below quantitation limit R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level H - Analysis run past method holding time



CLIENT: CSD Environmental Services, Inc.
Project: Ayerco 14 5th & Stanford Springfield, IL

Lab Order #: 02080959

Lab Sample ID: 02080959-03 **Date Received:** 8/28/2002 10:20:00 AM **Collection Date:** 8/27/2002 11:45:00 AM
Client Sample ID: MW-12 **Matrix:** GROUNDWATER

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			Method: SW8260B		Analyst: BK		
Benzene	18.2		0.317	0.500	µg/L	1	9/5/2002 5:39 am
Ethylbenzene	14.2		1.00	1.13	µg/L	1	9/5/2002 5:39 am
m,p-Xylene	9.94		2.00	2.56	µg/L	1	9/5/2002 5:39 am
Naphthalene	4.87		1.00	1.14	µg/L	1	9/5/2002 5:39 am
o-Xylene	ND		1.00	1.64	µg/L	1	9/5/2002 5:39 am
Toluene	ND		1.00	1.15	µg/L	1	9/5/2002 5:39 am
Surr: 4-Bromofluorobenzene	110		0	70-130	%REC	1	9/5/2002 5:39 am
Surr: Dibromofluoromethane	96.8		0	70-130	%REC	1	9/5/2002 5:39 am
Surr: Toluene-d8	110		0	70-130	%REC	1	9/5/2002 5:39 am

Lab Sample ID: 02080959-04 **Date Received:** 8/28/2002 10:20:00 AM **Collection Date:** 8/27/2002 11:50:00 AM
Client Sample ID: MW-13 **Matrix:** GROUNDWATER

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			Method: SW8260B		Analyst: BK		
Benzene	ND		0.317	0.500	µg/L	1	9/5/2002 6:13 am
Ethylbenzene	6.13		1.00	1.13	µg/L	1	9/5/2002 6:13 am
m,p-Xylene	2.86		2.00	2.56	µg/L	1	9/5/2002 6:13 am
Naphthalene	1.65		1.00	1.14	µg/L	1	9/5/2002 6:13 am
o-Xylene	ND		1.00	1.64	µg/L	1	9/5/2002 6:13 am
Toluene	ND		1.00	1.15	µg/L	1	9/5/2002 6:13 am
Surr: 4-Bromofluorobenzene	113		0	70-130	%REC	1	9/5/2002 6:13 am
Surr: Dibromofluoromethane	97.1		0	70-130	%REC	1	9/5/2002 6:13 am
Surr: Toluene-d8	110		0	70-130	%REC	1	9/5/2002 6:13 am

Qualifiers: ND - Not Detected at the Method Detection Limit S - Spike Recovery outside accepted recovery limits
 J - Estimated or analyte detected below quantitation limit R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level H - Analysis run past method holding time



CLIENT: CSD Environmental Services, Inc.
Project: Ayerco 14 5th & Stanford Springfield, IL

Lab Order #: 02080959

Lab Sample ID: 02080959-05 **Date Received:** 8/28/2002 10:20:00 AM **Collection Date:** 8/27/2002 12:00:00 PM
Client Sample ID: MW-14 **Matrix:** GROUNDWATER

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			Method: SW8260B				Analyst: BK
Benzene	ND		0.317	0.500	µg/L	1	9/5/2002 8:47 am
Ethylbenzene	30.6		1.00	1.13	µg/L	1	9/5/2002 8:47 am
m,p-Xylene	9.33		2.00	2.58	µg/L	1	9/5/2002 8:47 am
Naphthalene	3.28		1.00	1.14	µg/L	1	9/5/2002 8:47 am
o-Xylene	1.1	J	1.00	1.64	µg/L	1	9/5/2002 8:47 am
Toluene	ND		1.00	1.15	µg/L	1	9/5/2002 8:47 am
Surr: 4-Bromofluorobenzene	110		0	70-130	%REC	1	9/5/2002 8:47 am
Surr: Dibromofluoromethane	95.9		0	70-130	%REC	1	9/5/2002 8:47 am
Surr: Toluene-d8	108		0	70-130	%REC	1	9/5/2002 8:47 am

Lab Sample ID: 02080959-06 **Date Received:** 8/28/2002 10:20:00 AM **Collection Date:** 8/27/2002 12:10:00 PM
Client Sample ID: MW-15 **Matrix:** GROUNDWATER

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			Method: SW8260B				Analyst: BK
Benzene	100		0.317	0.500	µg/L	1	9/5/2002 7:21 am
Ethylbenzene	372		5.00	5.65	µg/L	5	9/5/2002 4:27 am
m,p-Xylene	107		2.00	2.58	µg/L	1	9/5/2002 7:21 am
Naphthalene	15.8		1.00	1.14	µg/L	1	9/5/2002 7:21 am
o-Xylene	2.32		1.00	1.64	µg/L	1	9/5/2002 7:21 am
Toluene	6.38		1.00	1.15	µg/L	1	9/5/2002 7:21 am
Surr: 4-Bromofluorobenzene	111		0	70-130	%REC	1	9/5/2002 7:21 am
Surr: Dibromofluoromethane	98.8		0	70-130	%REC	1	9/5/2002 7:21 am
Surr: Toluene-d8	110		0	70-130	%REC	1	9/5/2002 7:21 am

Qualifiers: ND - Not Detected at the Method Detection Limit S - Spike Recovery outside accepted recovery limits
 J - Estimated or analyte detected below quantitation limit R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level H - Analysis run past method holding time



CLIENT: CSD Environmental Services, Inc.
Project: Ayerco 14 5th & Stanford Springfield, IL

Lab Order #: 02080959

Lab Sample ID: 02080959-07 **Date Received:** 8/28/2002 10:20:00 AM **Collection Date:** 8/27/2002 12:20:00 PM
Client Sample ID: MW-16 **Matrix:** GROUNDWATER

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			Method: SW82608		Analyst: BK		
Benzene	ND		0.317	0.500	µg/L	1	9/5/2002 7:55 am
Ethylbenzene	ND		1.00	1.13	µg/L	1	9/5/2002 7:55 am
m,p-Xylene	ND		2.00	2.58	µg/L	1	9/5/2002 7:55 am
Naphthalene	3.48		1.00	1.14	µg/L	1	9/5/2002 7:55 am
o-Xylene	ND		1.00	1.64	µg/L	1	9/5/2002 7:55 am
Toluene	ND		1.00	1.15	µg/L	1	9/5/2002 7:55 am
Surr: 4-Bromofluorobenzene	111		0	70-130	%REC	1	9/5/2002 7:55 am
Surr: Dibromofluoromethane	101		0	70-130	%REC	1	9/5/2002 7:55 am
Surr: Toluene-d8	110		0	70-130	%REC	1	9/5/2002 7:55 am

Lab Sample ID: 02080959-08 **Date Received:** 8/28/2002 10:20:00 AM **Collection Date:** 8/27/2002 12:30:00 PM
Client Sample ID: MW-17 **Matrix:** GROUNDWATER

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			Method: SW82608		Analyst: BK		
Benzene	ND		0.317	0.500	µg/L	1	9/5/2002 8:29 am
Ethylbenzene	ND		1.00	1.13	µg/L	1	9/5/2002 8:29 am
m,p-Xylene	ND		2.00	2.58	µg/L	1	9/5/2002 8:29 am
Naphthalene	ND		1.00	1.14	µg/L	1	9/5/2002 8:29 am
o-Xylene	ND		1.00	1.64	µg/L	1	9/5/2002 8:29 am
Toluene	ND		1.00	1.15	µg/L	1	9/5/2002 8:29 am
Surr: 4-Bromofluorobenzene	112		0	70-130	%REC	1	9/5/2002 8:29 am
Surr: Dibromofluoromethane	98.2		0	70-130	%REC	1	9/5/2002 8:29 am
Surr: Toluene-d8	112		0	70-130	%REC	1	9/5/2002 8:29 am

Qualifiers: ND - Not Detected at the Method Detection Limit S - Spike Recovery outside accepted recovery limits
 J - Estimated or analyte detected below quantitation limit R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level H - Analysis run past method holding time



CLIENT: CSD Environmental Services, Inc.
Project: Ayerco 14 5th & Stanford Springfield, IL

Lab Order #: 02080959

Lab Sample ID: 02080959-09 **Date Received:** 8/28/2002 10:20:00 AM **Collection Date:** 8/27/2002 12:40:00 PM
Client Sample ID: MW-18 **Matrix:** GROUNDWATER

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			Method: SW8260B		Analyst: BK		
Benzene	ND		0.317	0.500	µg/L	1	9/5/2002 5:01 am
Ethylbenzene	ND		1.00	1.13	µg/L	1	9/5/2002 5:01 am
m,p-Xylene	ND		2.00	2.56	µg/L	1	9/5/2002 5:01 am
Naphthalene	1.17		1.00	1.14	µg/L	1	9/5/2002 5:01 am
o-Xylene	ND		1.00	1.64	µg/L	1	9/5/2002 5:01 am
Toluene	ND		1.00	1.15	µg/L	1	9/5/2002 5:01 am
Surr: 4-Bromofluorobenzene	110		0	70-130	%REC	1	9/5/2002 5:01 am
Surr: Dibromofluoromethane	98.8		0	70-130	%REC	1	9/5/2002 5:01 am
Surr: Toluene-d8	110		0	70-130	%REC	1	9/5/2002 5:01 am

Lab Sample ID: 02080959-10 **Date Received:** 8/28/2002 10:20:00 AM **Collection Date:** 8/27/2002 12:50:00 PM
Client Sample ID: MW-19 **Matrix:** GROUNDWATER

Analyses	Result	Qual	MDL	PQL	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS			Method: SW8260B		Analyst: BK		
Benzene	ND		0.317	0.500	µg/L	1	9/5/2002 5:35 am
Ethylbenzene	ND		1.00	1.13	µg/L	1	9/5/2002 5:35 am
m,p-Xylene	ND		2.00	2.56	µg/L	1	9/5/2002 5:35 am
Naphthalene	ND		1.00	1.14	µg/L	1	9/5/2002 5:35 am
o-Xylene	ND		1.00	1.64	µg/L	1	9/5/2002 5:35 am
Toluene	ND		1.00	1.15	µg/L	1	9/5/2002 5:35 am
Surr: 4-Bromofluorobenzene	113		0	70-130	%REC	1	9/5/2002 5:35 am
Surr: Dibromofluoromethane	97.3		0	70-130	%REC	1	9/5/2002 5:35 am
Surr: Toluene-d8	110		0	70-130	%REC	1	9/5/2002 5:35 am

Qualifiers: ND - Not Detected at the Method Detection Limit S - Spike Recovery outside accepted recovery limits
MLL Contaminant J - Estimated or analyte detected below quantitation limit R - RPD outside accepted recovery limits
 B - Analyte detected in the associated Method Blank E - Value above quantitation range
 * - Value exceeds Maximum Contaminant Level H - Analysis run past method holding time



PREP DATES REPORT

CLIENT:

Lab Order:

Project:

Date: *Friday, September 06, 2002*

Lab Sample ID	Collection Date	Prep Method	Prep Name	Prep Date
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Electronic Filing Received Clerk's Office 09/18/2024

Illinois Environmental Protection Agency Leaking Underground Storage Tank Program Laboratory Certification for Chemical Analysis

A. Site Identification

IEMA Incident # (6 digit): 991372 IEPA Generator # (10 digit): 1671203337
Site Name: Illinois Ayers Oil Company - Ayerco #14
Site Address (Not a P.O. Box): 430 Stanford Avenue
City: Springfield County: Sangamon

B. Sample Collector

I certify that:

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

C. Laboratory Representative

I certify that:

- 1. Proper chain of custody procedures were followed as documented on the chain of custody forms. MC
(initial)
- 2. Sample integrity was maintained by proper preservation. MC
(initial)
- 3. All samples were properly labeled. MC
(initial)
- 4. Quality assurance/quality control procedures were established and carried out. MC
(initial)
- 5. Sample holding times were not exceeded. MC
(initial)
- 6. SW-846 Analytical Laboratory Procedure (USEPA) methods were used for the analyses. MC
(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

Laboratory Representative

Name: Pete Correll

Name: Michael Chung

Title: Field Tech

Title: Data Review Manager

Company: CSD Environmental Services, Inc.

Company: 4140 Litt Drive

Address: 220 Yale Boulevard

Address: Hillside IL. 60162

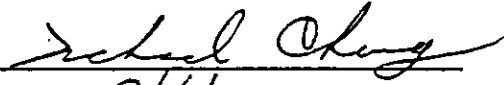
Springfield, Illinois 62703

Suburban Labs, Inc.

Phone: (217) 522-4085

Phone: (708) 544-3260

Signature: 

Signature: 

Date: 9-27-02

Date: 9/6/02

Prairie



Analytical
Systems, INCORPORATED

1 March 2002

Mr. Joe Truesdale
CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490

Phone: 217-753-1148

FAX: 217-753-1152

E-Mail: IL100323@aol.com

RE: PAS Project Code **CSD-611**

Dear Mr. Truesdale,

This report contains the analytical results for **Ayerco #14** samples received under chain of custody by Prairie Analytical Systems, Inc. on 22-Feb-02.

All applicable quality control procedures met method specific acceptance criteria.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to call me at (217) 753-1148.

Sincerely,

Stephen R. Johnson

Stephen R. Johnson
Laboratory Director

CC: Project File

Certificate of Analysis

CSD Environmental
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490
Phone: 217-753-1148
Facsimile: 217-753-1152
E-Mail: IL100323@aol.com

Client Project: **Ayerco #14**
PAS Project Code: CSD-611

Sample Description:	MW-10	MW-11	MW-12	MW-13	MW-15
PAS Sample Number:	02022201566	02022201567	02022201568	02022201569	02022201570
Matrix:	Aqueous	Aqueous	Aqueous	Aqueous	Aqueous
Date Sampled:	22-Feb-02	22-Feb-02	22-Feb-02	22-Feb-02	22-Feb-02
Date Received:	22-Feb-02	22-Feb-02	22-Feb-02	22-Feb-02	22-Feb-02
Date Analyzed:	25-Feb-02	25-Feb-02	25-Feb-02	25-Feb-02	25-Feb-02
Date Reported:	1-Mar-02	1-Mar-02	1-Mar-02	1-Mar-02	1-Mar-02

Organic Compound(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
BTEX							
Benzene	0.002 mg/L	0.005	0.416	0.016	U	0.030	8260B(1)
Toluene	0.002 mg/L	0.003	0.024	U	U	0.003	8260B(1)
Ethylbenzene	0.002 mg/L	0.029	0.513	0.027	0.012	0.170	8260B(1)
Total Xylenes	0.005 mg/L	0.035	0.581	0.016	0.008	0.197	8260B(1)
Naphthalene	0.002 mg/L	0.054	0.054	0.016	0.006	0.037	8260B(1)

Inorganic(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
Dissolved Oxygen	0.1 mg/L	3.07	3.09	3.07	4.00	4.09	4500 O G(2)
COD	20.0 mg/L	U	21.6	U	U	U	5220(2)
pH	Units	7.2	6.9	7.0	6.9	6.7	9045C(1)
Phosphorous, Total	1.0 mg/L	U	U	U	U	U	4500-P(2)
Ammonia (as N), Total	0.10 mg/L	U	U	U	U	U	4500-NH ₃ (2)
Nitrate (as N), Total	0.10 mg/L	U	U	U	U	U	4110(2)
Nitrite (as N), Total	0.05 mg/L	U	U	U	U	U	4110(2)
Sulfate, Total	0.10 mg/L	18.5	8.80	32.2	28.6	122	4110(2)
Orthophosphate, Total	0.05 mg/L	0.623	0.166	0.111	U	U	4110(2)
Organic Nitrogen	0.05 mg/L	U	1.29	U	0.894	U	4500-N _{ORG} (2)

Element(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
Iron (⁵⁷ Fe), Ferrous	0.005 mg/L	0.131	0.308	0.167	0.170	0.379	200.8(3)
Iron (⁵⁷ Fe), Ferric	0.005 mg/L	0.022	2.37	1.13	0.370	1.68	200.8(3)



Certificate of Analysis

CSD Environmental
 2220 Yale Boulevard
 Springfield, IL 62703

1265 Capital Airport Drive
 Springfield, IL 62707-8490
 Phone: 217-753-1148
 Facsimile: 217-753-1152
 E-Mail: IL100323@aol.com

Client Project: **Ayerco #14**
 PAS Project Code: **CSD-611**

Sample Description:	MW-10	MW-11	MW-12	MW-13	MW-15
PAS Sample Number:	02022201566	02022201567	02022201568	02022201569	02022201570
Matrix:	Aqueous	Aqueous	Aqueous	Aqueous	Aqueous
Date Sampled:	22-Feb-02	22-Feb-02	22-Feb-02	22-Feb-02	22-Feb-02
Date Received:	22-Feb-02	22-Feb-02	22-Feb-02	22-Feb-02	22-Feb-02
Date Analyzed:	25-Feb-02	25-Feb-02	25-Feb-02	25-Feb-02	25-Feb-02
Date Reported:	1-Mar-02	1-Mar-02	1-Mar-02	1-Mar-02	1-Mar-02

Organic Compound(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
MTBE	0.005 mg/L	U	0.507	0.108	0.060	0.015	8260B(1)

Certificate of Analysis

CSD Environmental
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490
Phone: 217-753-1148
Facsimile: 217-753-1152
E-Mail: IL100323@aol.com

Client Project: **Ayerco #14**
PAS Project Code: CSD-611

Sample Description:	MW-19	MW-14	MW-16	MW-17	MW-18
PAS Sample Number:	02022201571	02022201572	02022201573	02022201574	02022201575
Matrix:	Aqueous	Aqueous	Aqueous	Aqueous	Aqueous
Date Sampled:	22-Feb-02	22-Feb-02	22-Feb-02	22-Feb-02	22-Feb-02
Date Received:	22-Feb-02	22-Feb-02	22-Feb-02	22-Feb-02	22-Feb-02
Date Analyzed:	25-Feb-02	25-Feb-02	25-Feb-02	25-Feb-02	25-Feb-02
Date Reported:	1-Mar-02	1-Mar-02	1-Mar-02	1-Mar-02	1-Mar-02

Organic Compound(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
BTEX							
Benzene	0.002 mg/L	U	U	U	U	U	8260B(1)
Toluene	0.002 mg/L	U	U	U	U	U	8260B(1)
Ethylbenzene	0.002 mg/L	U	0.060	U	U	U	8260B(1)
Total Xylenes	0.005 mg/L	U	0.019	U	U	U	8260B(1)
Naphthalene	0.002 mg/L	U	0.07	U	U	U	8260B(1)

Inorganic(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
Dissolved Oxygen	0.1 mg/L	3.70	3.05	3.68	4.02	4.54	4500 O G(2)
COD	20.0 mg/L	78.8	---	---	---	---	5220(2)
pH	Units	6.7	6.8	6.8	6.8	6.8	9045C(1)
Phosphorous, Total	1.0 mg/L	U	---	---	---	---	4500-P(2)
Ammonia (as N), Total	0.10 mg/L	U	---	---	---	---	4500-NH ₃ (2)
Nitrate (as N), Total	0.10 mg/L	0.156	---	---	---	---	4110(2)
Nitrite (as N), Total	0.05 mg/L	U	---	---	---	---	4110(2)
Sulfate, Total	0.10 mg/L	560	---	---	---	---	4110(2)
Orthophosphate, Total	0.05 mg/L	U	---	---	---	---	4110(2)
Organic Nitrogen	0.05 mg/L	2.08	---	---	---	---	4500-N _{ORG} (2)

Element(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
Iron (⁵⁷ Fe), Ferrous	0.005 mg/L	0.306	---	---	---	---	200.8(3)
Iron (⁵⁷ Fe), Ferric	0.005 mg/L	0.247	---	---	---	---	200.8(3)

Certificate of Analysis



CSD Environmental
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Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490
Phone: 217-753-1148
Facsimile: 217-753-1152
E-Mail: IL100323@aol.com

Client Project: **Ayerco #14**
PAS Project Code: **CSD-611**

Sample Description:	MW-19	MW-14	MW-16	MW-17	MW-18
PAS Sample Number:	02022201571	02022201572	02022201573	02022201574	02022201575
Matrix:	Aqueous	Aqueous	Aqueous	Aqueous	Aqueous
Date Sampled:	22-Feb-02	22-Feb-02	22-Feb-02	22-Feb-02	22-Feb-02
Date Received:	22-Feb-02	22-Feb-02	22-Feb-02	22-Feb-02	22-Feb-02
Date Analyzed:	25-Feb-02	25-Feb-02	25-Feb-02	25-Feb-02	25-Feb-02
Date Reported:	1-Mar-02	1-Mar-02	1-Mar-02	1-Mar-02	1-Mar-02

Organic Compound(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
MTBE	0.005 mg/L	0.008	0.176	U	U	0.108	8260B(1)

End of Report

- (1) - Analysis performed using SW846 "Test Methods for Evaluating Solid Waste"
- (2) - Analysis performed using "Standard Methods for the Examination of Water and Wastewater", 20th Edition
- (3) - Analysis performed using "Methods for Chemical Analysis of Water and Wastes"

Chain of Custody Record

1265 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152 - E-mail IL100323@aol.com



Client		CSD Environmental			Client Project		Ayerco #14		
Address		2220 Yale Blvd.			Project Location		430 Stanton Spfld. IL		
City, State Zip Code		Springfield IL 62703			Sampler(s) / Phone No.		306-2624 /		
Phone / Facsimile No.		217-522-4035-1			Turnaround Time		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Date Required:		
Contact Person		Joe Truesdale			P.O. # or Invoice To				
Sample Description (10 Characters Only)	Sampling		Container		M/P Code	Analysis and / or Method Requested (If there are any questions, please call.)	PAS Sample Number		
	Date	Time	Size	Type / No.			Accepted	Rejected	
MW-10	2-22-02	A.M.	40 ml	G/3	A/E	BTEX, D.O., P.H., COD	01566	A	IR
MW-11						Ammonia, Nitrate, Nitrite Orthophosphate, Ferric iron Ferric iron, Total phosphorus organic nitrogen, sulfate	01567	A	IR
MW-12							01568	A	IR
MW-13							01569	A	IR
MW-15							01570	A	IR
MW-19							01571	A	IR
MW-14	2-22-02	A.M.	40 ml	G/3	A/E	BTEX / Napthalene / D.O. / P.H.	01572	A	IR
MW-16							01573	A	IR
MW-17							01574	A	IR
MW-18							01575	A	IR
Size of Container		40 mL	125 mL	250 mL	500 mL	1000 mL	O - Other (Specify)		
Type of Container		G - Glass (Clear)	AG - Glass (Amber)	P - HDPE	VC - Volatile Core	SC - Soil Core	O - Other (Specify)		
M = Matrix Code		A - Aqueous	DW - Drinking Water	NA - Non-aqueous Liquid	SE - Saline Water	S - Solids	O - Other (Specify)		
P = Preservative Code		A - None	B - HNO ₃	C - H ₂ SO ₄	D - NaOH	E - HCl	O - Other (Specify)		
Relinquished By:		Date	Time	Received By:		Date	Time	Method of Shipment	
		2-22-02	2:50			2-22-02	2:50	Hand	
Special Instructions:							PAS Project Code		
- Do not run sulfide as per TET							CSD-611		

Electronic Filing: Received Clerk's Office 09/18/2024

000136

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 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 5/57.17). This form has been approved by the Forms Management Center.

Illinois Environmental Protection Agency
Leaking Underground Storage Tank Program
Laboratory Certification for Chemical Analysis

A. Site Identification

IEMA Incident # (6 digit): _____ IEPA Generator # (10 digit): _____

Site Name: Qyevco 14

Site Address (Not a P.O. Box): 430 Stanford Ave

City: Springfield IL : County: Sangamon

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.

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

SJ
(initial)
SJ
(initial)
SJ
(initial)
SJ
(initial)
SJ
(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 ...

Laboratory Representative

Name: Pete Cornell

Name: STEPHEN R JOHNSON

Title: Field Tech

Title: LABORATORY DIRECTOR

Company: CSD Environmental

Company: PRAIRIE ANALYTICAL SYSTEMS

Address: 2220 Yale Blvd
Springfield IL 62703

Address: 1265 CAPITAL AIRPORT DR
SPRINGFIELD IL 62707

Phone: 217 - 522-4085

Phone: (217) 753-1148

Signature: [Signature]

Signature: Stephen R Johnson

Date: 2-22-02

Date: 3/1/02

Prairie



Analytical
Systems, INCORPORATED

30 August 2001

Mr. Marc Simmering
CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490

Phone: 217-753-1148

FAX: 217-753-1152

E-Mail: IL100323@aol.com

RE: PAS Project Code **CSD-588**

Dear Mr. Simmering,

This report contains the analytical results for **Ayerco #14** samples received under chain of custody by Prairie Analytical Systems, Inc. on 23-Aug-01.

All applicable quality control procedures met method specific acceptance criteria.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to call me at (217) 753-1148.

Sincerely,

Stephen R. Johnson
Laboratory Director

CC: Project File

Certificate of Analysis

CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490
Phone: 217-753-1148
Facsimile: 217-753-1152
E-Mail: IL100323@aol.com

Client Project: **Ayerco #14**
PAS Project Code: CSD-588

Sample Description:	MW-10	MW-11	MW-12	MW-13	MW-14
PAS Sample Number:	01082310636	01082310637	01082310638	01082310639	01082310640
Matrix:	Aqueous	Aqueous	Aqueous	Aqueous	Aqueous
Date Sampled:	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01
Date Received:	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01
Date Analyzed:	24-Aug-01	24-Aug-01	24-Aug-01	24-Aug-01	24-Aug-01
Date Reported:	30-Aug-01	30-Aug-01	30-Aug-01	30-Aug-01	30-Aug-01

Organic Compound(s) Analysis

Parameter(s)	RL / Unit	Result	Result	Result	Result	Result	Method
BTEX							
Benzene	0.002 mg/L	0.006	0.524	0.047	U	U	8260B(1)
Toluene	0.002 mg/L	0.002	0.060	U	U	U	8260B(1)
Ethylbenzene	0.002 mg/L	0.029	0.817	0.107	0.020	0.123	8260B(1)
Total Xylenes	0.005 mg/L	0.092	1.44	0.131	0.050	0.143	8260B(1)
PAH(s)							
Naphthalene	0.010 mg/L	0.015	0.042	0.028	U	0.021	8270C(1)
Acenaphthene	0.018 mg/L	U	U	U	U	U	8270C(1)
Anthracene	0.0066mg/L	U	U	U	U	U	8270C(1)
Fluoranthene	0.0021 mg/L	U	U	U	U	U	8270C(1)
Fluorene	0.0021 mg/L	U	U	U	U	U	8270C(1)
Pyrene	0.0027 mg/L	U	U	U	U	U	8270C(1)
Benzo (a) Anthracene	0.00013 mg/L	U	U	U	U	U	8270C(1)
Benzo (a) Pyrene	0.0002 mg/L	U	U	U	U	U	8270C(1)
Benzo (b) Fluoranthene	0.00018 mg/L	U	U	U	U	U	8270C(1)
Benzo (k) Fluoranthene	0.00017 mg/L	U	U	U	U	U	8270C(1)
Chrysene	0.0015 mg/L	U	U	U	U	U	8270C(1)
Dibenzo (a,h) Anthracene	0.0003 mg/L	U	U	U	U	U	8270C(1)
Indeno (1,2,3-c,d) Pyrene	0.00043 mg/L	U	U	U	U	U	8270C(1)
Acenaphthylene	0.010 mg/L	U	U	U	U	U	8270C(1)
Benzo (g,h,i) Perylene	0.00076 mg/L	U	U	U	U	U	8270C(1)
Phenanthrene	0.0064 mg/L	U	U	U	U	U	8270C(1)



Certificate of Analysis

CSD Environmental, Inc:
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490
Phone: 217-753-1148
Facsimile: 217-753-1152
E-Mail: IL100323@aol.com

Client Project: **Ayerco #14**
PAS Project Code: **CSD-588**

Sample Description:	MW-10	MW-11	MW-12	MW-13	MW-14
PAS Sample Number:	01082310636	01082310637	01082310638	01082310639	01082310640
Matrix:	Aqueous	Aqueous	Aqueous	Aqueous	Aqueous
Date Sampled:	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01
Date Received:	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01
Date Analyzed:	24-Aug-01	24-Aug-01	24-Aug-01	24-Aug-01	24-Aug-01
Date Reported:	30-Aug-01	30-Aug-01	30-Aug-01	30-Aug-01	30-Aug-01

Inorganic(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
Dissolved Oxygen	0.1 mg/L	3.22	5.52	5.11	5.62	6.31	4500 O G(2)

Certificate of Analysis

CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490
Phone: 217-753-1148
Facsimile: 217-753-1152
E-Mail: IL100323@aol.com

Client Project: **Ayerco #14**
PAS Project Code: CSD-588

Sample Description:	MW-15	MW-16	MW-17	MW-18	MW-19
PAS Sample Number:	01082310641	01082310642	01082310643	01082310644	01082310645
Matrix:	Aqueous	Aqueous	Aqueous	Aqueous	Aqueous
Date Sampled:	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01
Date Received:	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01
Date Analyzed:	24-Aug-01	24-Aug-01	24-Aug-01	24-Aug-01	24-Aug-01
Date Reported:	30-Aug-01	30-Aug-01	30-Aug-01	30-Aug-01	30-Aug-01

Organic Compound(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
BTEX							
Benzene	0.002 mg/L	0.047	U	U	U	U	8260B(1)
Toluene	0.002 mg/L	0.004	U	U	U	U	8260B(1)
Ethylbenzene	0.002 mg/L	0.240	U	U	U	U	8260B(1)
Total Xylenes	0.005 mg/L	0.420	U	U	U	U	8260B(1)
PAH(s)							
Naphthalene	0.010 mg/L	0.028	U	U	U	U	8270C(1)
Acenaphthene	0.018 mg/L	U	U	U	U	U	8270C(1)
Anthracene	0.0066mg/L	U	U	U	U	U	8270C(1)
Fluoranthene	0.0021 mg/L	U	U	U	U	U	8270C(1)
Fluorene	0.0021 mg/L	U	U	U	U	U	8270C(1)
Pyrene	0.0027 mg/L	U	U	U	U	U	8270C(1)
Benzo (a) Anthracene	0.00013 mg/L	U	U	U	U	U	8270C(1)
Benzo (a) Pyrene	0.0002 mg/L	U	U	U	U	U	8270C(1)
Benzo (b) Fluoranthene	0.00018 mg/L	U	U	U	U	U	8270C(1)
Benzo (k) Fluoranthene	0.00017 mg/L	U	U	U	U	U	8270C(1)
Chrysene	0.0015 mg/L	U	U	U	U	U	8270C(1)
Dibenzo (a,h) Anthracene	0.0003 mg/L	U	U	U	U	U	8270C(1)
Indeno (1,2,3-c,d) Pyrene	0.00043 mg/L	U	U	U	U	U	8270C(1)
Acenaphthylene	0.010 mg/L	U	U	U	U	U	8270C(1)
Benzo (g,h,i) Perylene	0.00076 mg/L	U	U	U	U	U	8270C(1)
Phenanthrene	0.0064 mg/L	U	U	U	U	U	8270C(1)

Certificate of Analysis



CSD Environmental, Inc.
 2220 Yale Boulevard
 Springfield, IL 62703

1265 Capital Airport Drive
 Springfield, IL 62707-8490
 Phone: 217-753-1148
 Facsimile: 217-753-1152
 E-Mail: IL100323@aol.com

Client Project: **Ayerco #14**
 PAS Project Code: **CSD-588**

Sample Description:	MW-15	MW-16	MW-17	MW-18	MW-19
PAS Sample Number:	01082310641	01082310642	01082310643	01082310644	01082310645
Matrix:	Aqueous	Aqueous	Aqueous	Aqueous	Aqueous
Date Sampled:	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01
Date Received:	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01
Date Analyzed:	24-Aug-01	24-Aug-01	24-Aug-01	24-Aug-01	24-Aug-01
Date Reported:	30-Aug-01	30-Aug-01	30-Aug-01	30-Aug-01	30-Aug-01

Inorganic(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
Dissolved Oxygen	0.1 mg/L	7.43	6.23	7.74	8.04	7.34	4500 O G(2)

End of Report

(1) - Analysis performed using SW846 "Test Methods for Evaluating Solid Waste"
 (2) - Analysis performed using "Standard Methods for the Examination of Water and Wastewater", 20th Edition



Prairie Analytical
Systems, INCORPORATED

Certificate of Analysis

CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490
Phone: 217-753-1148
Facsimile: 217-753-1152
E-Mail: IL100323@aol.com

Client Project: **Ayerco #14**
PAS Project Code: **CSD-588**

Sample Description:	MW-10	MW-11	MW-12	MW-13	MW-14
PAS Sample Number:	01082310638	01082310637	01082310638	01082310639	01082310640
Matrix:	Aqueous	Aqueous	Aqueous	Aqueous	Aqueous
Date Sampled:	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01
Date Received:	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01
Date Analyzed:	24-Aug-01	24-Aug-01	24-Aug-01	24-Aug-01	24-Aug-01
Date Reported:	30-Aug-01	30-Aug-01	30-Aug-01	30-Aug-01	30-Aug-01

Organic Compound(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
MTBE	0.005 mg/L	U	0.597	0.180	0.107	0.496	8260B(1)

Certificate of Analysis



CSD Environmental, Inc.
 2220 Yale Boulevard
 Springfield, IL 62703

1265 Capital Airport Drive
 Springfield, IL 62707-8490
 Phone: 217-753-1148
 Facsimile: 217-753-1152
 E-Mail: IL100323@aol.com

Client Project: **Ayerco #14**
 PAS Project Code: CSD-588

Sample Description:	MW-15	MW-16	MW-17	MW-18	MW-19
PAS Sample Number:	01082310641	01082310642	01082310643	01082310644	01082310645
Matrix:	Aqueous	Aqueous	Aqueous	Aqueous	Aqueous
Date Sampled:	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01
Date Received:	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01	23-Aug-01
Date Analyzed:	24-Aug-01	24-Aug-01	24-Aug-01	24-Aug-01	24-Aug-01
Date Reported:	30-Aug-01	30-Aug-01	30-Aug-01	30-Aug-01	30-Aug-01

Organic Compound(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
MTBE	0.005 mg/L	0.021	U	U	0.213	0.008	8260B(1)

End of Report

(1) - Analysis performed using SW846 "Test Methods for Evaluating Solid Waste"

Chain Custody Record

1265 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152 - E-mail IL100323@aol.com



Client		CSA ENVIRONMENTAL INC			Client Project		AYERCO #14				
Address		2220 YALE			Project Location		5TH + STANFORD				
City, State Zip Code		SPRINGFIELD IL 62703			Sampler(s) / Phone No.		M. SIMMERING 306-0384				
Phone / Facsimile No.		522-4085 / 522-4087			Turnaround Time		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Date Required:				
Contact Person		M. SIMMERING			P.O. # or Invoice To		CSA ENV. INC.				
Sample Description (10 Characters Only)	Sampling		Container		M/P	Analysis and / or Method Requested (If there are any questions, please call.)			PAS Sample Number Accepted / Rejected		
	Date	Time	Size	Type / No.	Code						
MW-10	8/23/01	A.M.	40/1000ml	GA 3	A/E/CE	BTEX A.D. PNA			01082310636 A [] R []		
MW-11	↓	↓	↓	↓	↓	↓			10637 A [] R []		
MW-12	↓	↓	↓	↓	↓	↓			10638 A [] R []		
MW-13	↓	↓	↓	↓	↓	↓			10639 A [] R []		
MW-14	↓	↓	↓	↓	↓	↓			10640 A [] R []		
MW-15	↓	↓	↓	↓	↓	↓			10641 A [] R []		
MW-16	↓	P.M.	↓	↓	↓	↓			10642 A [] R []		
MW-17	↓	↓	↓	↓	↓	↓			10643 A [] R []		
MW-18	↓	↓	↓	↓	↓	↓			10644 A [] R []		
MW-19	↓	↓	↓	↓	↓	↓			10645 A [] R []		
									A [] R []		
									A [] R []		
Size of Container	40 mL		125 mL		250 mL		500 mL		1000 mL		O - Other (Specify)
Type of Container	G - Glass (Clear)		AG - Glass (Amber)		P - HDPE		VC - Volatile Core		SC - Soil Core		O - Other (Specify)
M = Matrix Code	A - Aqueous		DW - Drinking Water		NA - Non-aqueous Liquid		SE - Saline Water		S - Solids		O - Other (Specify)
P = Preservative Code	A - None		B - HNO ₃		C - H ₂ SO ₄		D - NaOH		E - HCl		O - Other (Specify)
Relinquished By	Date	Time	Received By		Date	Time	Method of Shipment				
M. Simmering	8/23/01	P.M.	Candace Shumkes		8/23/01	1:40	hand				
Special Instructions:									PAS Project Code CSB-588		

Electronic Filing: Received, Clerk's Office 09/18/2024

000146

Chain Custody Record

1265 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152 - E-mail IL100323@aol.com



Client	CSA ENVIRONMENTAL INC				Client Project	AUGUST # 14	
Address	2220 VALE				Project Location	SM + STANFORD	
City, State Zip Code	SPRINGFIELD IL 62703				Sampler(s) / Phone No.	M. SIMMERING 306-0284	
Phone / Facsimile No.	572-4095 / 522-4097				Turnaround Time	Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Date Required:	
Contact Person	M. SIMMERING				P.O. # or Invoice To	CSA ENV. INC.	
Sample Description (10 Characters Only)	Sampling		Container		M/P Code	Analysis and / or Method Requested (If there are any questions, please call.)	PAS Sample Number Accepted / Rejected
	Date	Time	Size	Type / No.			
MU-10	8/23/01	A.M.	40/100ml	CU 3	A/EKCE	BTEX A.D. PND	A [] R []
MU-11	↓	↓	↓	↓	↓	↓	A [] R []
MU-12	↓	↓	↓	↓	↓	↓	A [] R []
MU-13	↓	↓	↓	↓	↓	↓	A [] R []
MU-14	↓	↓	↓	↓	↓	↓	A [] R []
MU-15	↓	↓	↓	↓	↓	↓	A [] R []
MU-16	↓	P.M.	↓	↓	↓	↓	A [] R []
MU-17	↓	↓	↓	↓	↓	↓	A [] R []
MU-18	↓	↓	↓	↓	↓	↓	A [] R []
MU-19	↓	↓	↓	↓	↓	↓	A [] R []
							A [] R []
							A [] R []
Size of Container	40 mL	125 mL	250 mL	500 mL	1000 mL	O - Other (Specify)	
Type of Container	G - Glass (Clear)	AG - Glass (Amber)	P - HDPE	VC - Volatile Core	SC - Soil Core	O - Other (Specify)	
M - Matrix Code	A - Aqueous	DW - Drinking Water	NA - Non-aqueous Liquid	SE - Saline Water	S - Solids	O - Other (Specify)	
P - Preservative Code	A - None	B - HNO ₃	C - H ₂ SO ₄	D - NaOH	E - HCl	O - Other (Specify)	
Relinquished By	Date	Time	Received By		Date	Time	Method of Shipment
M. Simmering	8/23/01	P.M.	Candace Shumker		8/23/01	1:40	hand
Special Instructions:							PAS Project Code

Electronic Filing: Received, Clerk's Office 09/18/2024

000147

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 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 5/57.17). This form has been approved by the Forms Management Center.

Illinois Environmental Protection Agency
Leaking Underground Storage Tank Program
Laboratory Certification for Chemical Analysis

A. Site Identification

IEMA Incident # (6 digit): _____ IEPA Generator # (10 digit): _____
Site Name: AYERCO #14
Site Address (Not a P.O. Box): 5th + STANFORD
City: SPRINGFIELD County: SANGAMON

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.

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

Ⓢ
(initial)
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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

Laboratory Representative

Name: MARC SIMMERING

Name: Stephen R Johnson

Title: MOBILE FIELD SERVICES

Title: Laboratory Director

Company: CSD ENV. INC.

Company: Drairie Analytical Systems, Inc.

Address: 2220 York
SPRINGFIELD IL 62703

Address: 1265 Capital Airport Drive
Springfield, IL 62707

Phone: 522-4085

Phone: 627-753-1148

Signature: Marc Simmering

Signature: [Signature]

Date: 8/23/01

Date: 8/23/01

Prairie



Analytical

Systems, INCORPORATED

16 March 2001

Mr. Marc Simmering
CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490

Phone: 217-753-1148

FAX: 217-753-1152

E-Mail: IL100323@aol.com

RE: PAS Project Code **CSD-554**

Dear Mr. Simmering,

This report contains the analytical results for **Ayerco #14** samples received under chain of custody by Prairie Analytical Systems, Inc. on 28-Feb-01.

All applicable quality control procedures met method specific acceptance criteria.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to call me at (217) 753-1148.

Sincerely,

Stephen R. Johnson
Laboratory Director

CC: Project File

Certificate of Analysis

CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490
Phone: 217-753-1148
Facsimile: 217-753-1152
E-Mail: IL100323@aol.com

Client Project: **Ayerco #14**
PAS Project Code: CSD-554

Sample Description:	MW-10	MW-11	MW-12	MW-13	---
PAS Sample Number:	01022802548	01022802549	01022802550	01022802551	---
Matrix:	Aqueous	Aqueous	Aqueous	Aqueous	---
Date Sampled:	28-Feb-01	28-Feb-01	28-Feb-01	28-Feb-01	---
Date Received:	28-Feb-01	28-Feb-01	28-Feb-01	28-Feb-01	---
Date Analyzed:	3-Mar-01	3-Mar-01	3-Mar-01	3-Mar-01	---
Date Reported:	16-Mar-01	16-Mar-01	16-Mar-01	16-Mar-01	---

Organic Compound(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
BTEX							
Benzene	0.002 mg/L	0.023	1.47	0.050	U	---	8260B(1)
Toluene	0.002 mg/L	U	0.039	U	U	---	8260B(1)
Ethylbenzene	0.002 mg/L	0.059	2.12	0.096	0.010	---	8260B(1)
Total Xylenes	0.005 mg/L	0.099	1.78	0.031	0.012	---	8260B(1)
Naphthalene	0.010 mg/L	0.064	1.86	0.024	U	---	8260B(1)

Inorganic(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
COD	20.0 mg/L	U	U	U	U	---	5220(2)
Dissolved Oxygen	0.1 mg/L	4.51	4.72	4.43	4.33	---	4500 O G(2)
Ammonia (as N), Total	0.1 mg/L	U	0.83	U	U	---	4500-NH ₃ (2)
Nitrate (as N), Total	0.1 mg/L	U	U	U	U	---	4110(2)
Nitrite (as N), Total	0.05 mg/L	U	U	U	U	---	4110(2)
Orthophosphate, Total	0.05 mg/L	U	U	U	U	---	4110(2)

End of Report

(1) - Analysis performed using SW846 "Test Methods for Evaluating Solid Waste"

(2) - Analysis performed using "Standard Methods for the Examination of Water and Wastewater", 20th Edition



Certificate of Analysis

CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490
Phone: 217-753-1148
Facsimile: 217-753-1152
E-Mail: IL100323@aol.com

Client Project: **Ayerco #14**
PAS Project Code: CSD-554

Sample Description:	MW-10	MW-11	MW-12	MW-13	
PAS Sample Number:	01022802548	01022802549	01022802550	01022802551	---
Matrix:	Aqueous	Aqueous	Aqueous	Aqueous	---
Date Sampled:	28-Feb-01	28-Feb-01	28-Feb-01	28-Feb-01	---
Date Received:	28-Feb-01	28-Feb-01	28-Feb-01	28-Feb-01	---
Date Analyzed:	3-Mar-01	3-Mar-01	3-Mar-01	3-Mar-01	---
Date Reported:	16-Mar-01	16-Mar-01	16-Mar-01	16-Mar-01	---

Organic Compound(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
MTBE	0.005 mg/L	U	1.10	0.073	0.085	---	8260B(1)

End of Report

(1) - Analysis performed using SW846 "Test Methods for Evaluating Solid Waste"

Chain of Custody Record

1265 Capital Airport Drive, Springfield, IL 62707-8490 Phone (217) 753-1148 Facsimile (217) 753-1152



Client	CSD ENVIRONMENTAL INC	Client Project	AYERCO #14
Address	2220 YALE	Project Location	430 STANTON AVE.
City, State Zip Code	SPRINGFIELD IL 62703	Sampler(s) / Phone No.	M. SIMMERING / 522-4085
Phone Number	522-4085	TAT / Date Required	Standard <input checked="" type="checkbox"/> Rush []
Facsimile Number	522-4087	P.O. # / Invoice To	CSD ENV. INC.

Sample Description (10 Characters Only)	Sampling		Container		*M/**P	Analysis and / or Method Requested	PAS Sample Number	
	Date	Time	Size	Quantity	Code		Accepted / Rejected	
MW-10	2/28/01	A.M.	-	5	A ¹⁰⁰	BTEX, COB, DD, AMMONIA-N,	01022802548 [A][R][I]	
MW-11		"				NITRATE-N, NITRITE-N, ORTHOPHOSPHATE,	2549 [A][R][I]	
MW-12		P.M.				NAOHTHALENE	2550 [A][R][I]	
MW-13		"				↓ ↓ ↓	2551 [A][R][I]	
							[A][R][I]	
							[A][R][I]	
							[A][R][I]	
							[A][R][I]	
							[A][R][I]	
							[A][R][I]	
							[A][R][I]	
*M = Matrix Code	A - Aqueous		DW - Drinking Water		NA - Non-aqueous Liquid	SE - Saline Water	S - Solids	O - Other (Specify)
**P = Preservative Code	A - None		B - HNO ₃		C - H ₂ SO ₄	D - NaOH	E - HCl	O - Other (Specify)

Relinquished By	Date	Time	Received By	Date	Time	Method of Shipment
M. Simmering	2/28/01	P.M.	Dary Bunk	2/28/01	3:25 PM	

Special Instructions:	PAS Project Code CSD-554
-----------------------	-----------------------------

Electronic Filing: Received, Clerk's Office 09/18/2024

000153

Illinois Environmental Protection Agency
Electronic Filing Received, Clerk's Office 09/18/2024
Leaking Underground Storage Tank Program
Laboratory Certification for Chemical Analysis

A. site Identification

IEMA Incident # (6 digit): _____ IEPA Generator # (10 digit): _____
Site Name: Ayerco #14
Site Address (Not a P.O. Box): 430 STANFORD AV.
City: SPRINGFIELD County: SANGAMON

B. Sample Collector

I certify that:

1. appropriate sampling equipment/methods were utilized to obtain representative samples. MS
(initial)
2. chain of custody procedures were followed in the field. MS
(initial)
3. sample integrity was maintained by proper preservation. MS
(initial)
4. all samples were properly labeled. MS
(initial)

C. Laboratory Personnel

I certify that:

1. proper chain of custody procedures were followed as documented on the chain of custody forms. MS
(initial)
2. sample integrity was maintained by proper preservation. MS
(initial)
3. all samples were properly labeled. MS
(initial)
4. quality assurance/quality control procedures were established and carried out. MS
(initial)
5. sample holding times were not exceeded. MS
(initial)
6. SW-846 Analytical Laboratory Procedure (USEPA) methods were used for the analyses. MS
(initial)

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: MARC SIMMERING
Title: MGR. FIELD SERVICES
Company: CSA ENV. INC.
Address: 2220 YALE
SPRINGFIELD IL 62703
Phone: 522-4085
Signature: Marc Simmering
Date: 2/28/01

Laboratory Representative

Name: Stephen R. Johnson
Title: Laboratory Director
Company: Darcil Analytical Systems, Inc
Address: 1265 Capital District Drive
Springfield IL 62707
Phone: (217) 253-1148
Signature: [Signature]
Date: 16 August 01

Prairie



Analytical
Systems, INCORPORATED

5 December 2000

Mr. Joe Truesdale
CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490

Phone: 217-753-1148

FAX: 217-753-1152

E-Mail: IL100323@aol.com

RE: PAS Project Code **CSD-530**

Dear Mr. Truesdale,

This report contains the analytical results for **Ayerco #14** samples received under chain of custody by Prairie Analytical Systems, Inc. on 29-Nov-00.

All applicable quality control procedures met method specific acceptance criteria.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to call me at (217) 753-1148.

Sincerely,

Stephen R. Johnson
Laboratory Director

CC: Project File



Certificate of Analysis

CSD Environmental, Inc.
 2220 Yale Boulevard
 Springfield, IL 62707

1265 Capital Airport Drive
 Springfield, IL 62707-8490
 Phone: 217-753-1148
 Facsimile: 217-753-1152
 E-Mail: IL100323@aol.com

Client Project: **Ayerco #14**
 PAS Project Code: **CSD-530**

Sample Description:	MW11	---	---	---	---
PAS Sample Number:	00112917120	---	---	---	---
Matrix:	Aqueous	---	---	---	---
Date Sampled:	28-Nov-00	---	---	---	---
Date Received:	29-Nov-00	---	---	---	---
Date Analyzed:	4-Dec-00	---	---	---	---
Date Reported:	5-Dec-00	---	---	---	---

Organic Compound(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
BTEX							
Benzene	0.002 mg/L	1.99	---	---	---	---	8260B(1)
Toluene	0.002 mg/L	0.318	---	---	---	---	8260B(1)
Ethylbenzene	0.002 mg/L	2.56	---	---	---	---	8260B(1)
Total Xylenes	0.005 mg/L	8.52	---	---	---	---	8260B(1)

End of Report

(1) - Analysis performed using SW846 "Test Methods for Evaluating Solid Waste"

Chain of Custody Record

1285 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152 - E-mail IL100323@aol.com

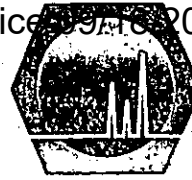


Client		CSD ENVIRONMENTAL				Client Project		AYERCO # 14		
Address		2220 YALE BLVD.				Project Location		5TH & STANFORD		
City, State Zip Code		SPFLD. IL. 62707				Sampler(s) / Phone No.		JOE TRUESDALE / 522-4085		
Phone / Facsimile No.		522-4085 / 522-4087				Turnaround Time		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Date Required:		
Contact Person		JOE TRUESDALE				P.O. # or Invoice To				
Sample Description (10 Characters Only)	Sampling:		Container:		M/P	Analysis and / or Method Requested (If there are any questions, please call.)	PAS Sample Number			
	Date	Time	Size	Type / No.	Code		Accepted	Rejected		
MW 11	11/28/00	4:00pm	125 mL	G / 1	A / E	BTEX	A	[] R []		
				/	/		A	[] R []		
				/	/		A	[] R []		
				/	/		A	[] R []		
				/	/		A	[] R []		
				/	/		A	[] R []		
				/	/		A	[] R []		
				/	/		A	[] R []		
				/	/		A	[] R []		
				/	/		A	[] R []		
Size of Container	40 mL		125 mL	250 mL		500 mL	1000 mL	O - Other (Specify)		
Type of Container	G - Glass (Clear)		AG - Glass (Amber)	P - HDPE		VC - Volatile Core	SC - Soil Core	O - Other (Specify)		
M = Matrix Code	A - Aqueous		DW - Drinking Water	NA - Non-aqueous Liquid		SE - Saline Water	S - Solids	O - Other (Specify)		
P = Preservative Code	A - None		B - HNO ₃	C - H ₂ SO ₄		D - NaOH	E - HCl	O - Other (Specify)		
Relinquished By	Date	Time	Received By		Date	Time	Method of Shipment			
<i>Joe Truesdale</i>	11/28/00	11:10 AM	<i>Mark D. [Signature]</i>		11/28/00	11:10				
Special Instructions:								PAS Project Code		

Electronic Filing Received, Clerk's Office 09/18/2024

000159

Prairie



Analytical
Systems, INCORPORATED

20 November 2000

Mr. Marc Simmering
CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490

Phone: 217-753-1148

FAX: 217-753-1152

E-Mail: IL100323@aol.com

RE: PAS Project Code **CSD-527**

Dear Mr. Simmering,

This report contains the analytical results for **Ayerco #14** samples received under chain of custody by Prairie Analytical Systems, Inc. on 02-Nov-00.

All applicable quality control procedures met method specific acceptance criteria.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to call me at (217) 753-1148.

Sincerely,

Stephen R. Johnson
Laboratory Director

CC: Project File

Certificate of Analysis

CDS Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490
Phone: 217-753-1148
Facsimile: 217-753-1152
E-Mail: IL100323@aol.com

Client Project: **Ayerco #14**
PAS Project Code: **CSD-527**

Sample Description:	MW-10	MW-11	MW-12	MW-13	---
PAS Sample Number:	00110216118	00110216119	00110216120	00110216121	---
Matrix:	Aqueous	Aqueous	Aqueous	Aqueous	---
Date Sampled:	2-Nov-00	2-Nov-00	2-Nov-00	2-Nov-00	---
Date Received	2-Nov-00	2-Nov-00	2-Nov-00	2-Nov-00	---
Date Analyzed:	6-Nov-00	6-Nov-00	6-Nov-00	6-Nov-00	---
Date Reported:	17-Nov-00	17-Nov-00	17-Nov-00	17-Nov-00	---

Organic Compound(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
BTEX							
Benzene	0.002 mg/L	0.017	1.05	0.033	U	---	8260B(1)
Toluene	0.002 mg/L	0.002	0.159	U	U	---	8260B(1)
Ethylbenzene	0.002 mg/L	0.034	1.77	0.084	0.028	---	8260B(1)
Total Xylenes	0.005 mg/L	0.042	3.17	0.026	0.020	---	8260B(1)
PAH(s)							
Naphthalene	0.010 mg/L	U	0.385	U	U	---	8270C(1)
Acenaphthene	0.018 mg/L	U	U	U	U	---	8270C(1)
Anthracene	0.0066mg/L	U	U	U	U	---	8270C(1)
Fluoranthene	0.0021 mg/L	U	U	U	U	---	8270C(1)
Fluorene	0.0021 mg/L	U	U	U	U	---	8270C(1)
Pyrene	0.0027 mg/L	U	U	U	U	---	8270C(1)
Benzo (a) Anthracene	0.00013 mg/L	U	U	U	U	---	8270C(1)
Benzo (a) Pyrene	0.0002 mg/L	U	U	U	U	---	8270C(1)
Benzo (b) Fluoranthene	0.00018 mg/L	U	U	U	U	---	8270C(1)
Benzo (k) Fluoranthene	0.00017 mg/L	U	U	U	U	---	8270C(1)
Chrysene	0.0015 mg/L	U	U	U	U	---	8270C(1)
Dibenzo (a,h) Anthracene	0.0003 mg/L	U	U	U	U	---	8270C(1)
Indeno (1,2,3-c,d) Pyrene	0.00043 mg/L	U	U	U	U	---	8270C(1)
Acenaphthylene	0.010 mg/L	U	U	U	U	---	8270C(1)
Benzo (g,h,i) Perylene	0.00076 mg/L	U	U	U	U	---	8270C(1)
Phenanthrene	0.0064 mg/L	U	U	U	U	---	8270C(1)

Inorganic(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
COD	20.0 mg/L	42.9	274	25.7	40.0	---	5220(2)
Dissolved Oxygen	0.1 mg/L	1.02	1.40	1.08	0.80	---	4500 O G(2)

End of Report

(1) - Analysis performed using SW846 "Test Methods for Evaluating Solid Waste"

(2) - Analysis performed using "Standard Methods for the Examination of Water and Wastewater", 20th Edition

Chain of Custody Record

1265 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152 - E-mail IL100323@aol.com



Client: CSD ENVIRONMENTAL INC.		Client Project: AYERD #14						
Address: 2220 YALE		Project Location: 430 STANFORD AVE						
City, State Zip Code: SPRINGFIELD IL 62703		Sampler(s) / Phone No.: M. SIMMERING 522-4085						
Phone / Facsimile No.: 522-4085 / 522-4087		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Date Required:						
Contact Person: M. SIMMERING		P.O. # or Invoice To: CSD ENV. INC.						
Sample Description (10 Characters Only)	Sampling		Container		M/P Code	Analysis and / or Method Requested (If there are any questions, please call.)	PAS Sample Number Accepted / Rejected	
	Date	Time	Size	Type / No.				
MW-10	11/2/00	P.M.	40ml 500ml	G 3	A H ₂ O	RMEX, PNA, DO, COA	00110216118 A [] R []	
MW-11	↓	↓	↓	↓	↓	↓	110216119 A [] R []	
MW-12	↓	↓	↓	↓	↓	↓	110216120 A [] R []	
MW-13	↓	↓	↓	↓	↓	↓	110216121 A [] R []	
							A [] R []	
							A [] R []	
							A [] R []	
							A [] R []	
							A [] R []	
							A [] R []	
							A [] R []	
							A [] R []	
							A [] R []	
¹ Size of Container	40 mL	125 mL	250 mL	500 mL	1000 mL	O - Other (Specify)		
² Type of Container	G - Glass (Clear)	AG - Glass (Amber)	P - HDPE	VC - Volatile Core	SC - Soil Core	O - Other (Specify)		
³ M = Matrix Code	A - Aqueous	DW - Drinking Water	NA - Non-aqueous Liquid	SE - Saline Water	S - Solids	O - Other (Specify)		
⁴ P = Preservative Code	A - None	B - HNO ₃	C - H ₂ SO ₄	D - NaOH	E - HCl	O - Other (Specify)		
Relinquished By: M. Simmering		Date: 11/2/00	Time: P.M.	Received By: Candace Shunkus		Date: 11/02/00	Time: 2:10	Method of Shipment: hand
Special Instructions:							PAS Project Code CSD-527	

Electronic Filing: Received, Clerk's Office 09/18/2024

000162

Illinois Environmental Protection Agency
Electronic Filing Received, Clerk's Office 09/13/2024
Leaking Underground Storage Tank Program
Laboratory Certification for Chemical Analysis

A. site Identification

IEMA Incident # (6 digit): 991372 IEPA Generator # (10 digit): 1671205343
Site Name: AYERCO #14
Site Address (No. & P.O. Box): 430 STANFORD AVE
City: SPRINGFIELD County: SANGAMON

B. Sample Collector

I certify that:

1. appropriate sampling equipment/methods were utilized to obtain representative samples. MS
(initial)
2. chain of custody procedures were followed in the field. MS
(initial)
3. sample integrity was maintained by proper preservation. MS
(initial)
4. all samples were properly labeled. MS
(initial)

C. Laboratory Personnel

I certify that:

1. proper chain of custody procedures were followed as documented on the chain of custody forms. MS
(initial)
2. sample integrity was maintained by proper preservation. MS
(initial)
3. all samples were properly labeled. MS
(initial)
4. quality assurance/quality control procedures were established and carried out. MS
(initial)
5. sample holding times were not exceeded. MS
(initial)
6. SW-846 Analytical Laboratory Procedure (USEPA) methods were used for the analyses. MS
(initial)

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: MARC SIMMERING
Title: MGR. FIELD SERVICES
Company: CSD ENV. INC.
Address: 2222 YORK
SPRINGFIELD IL 62703
Phone: 522-4085
Signature: Marc Simmering
Date: 11/8/00

Laboratory Representative

Name: Stephen R Johnson
Title: Laboratory Director
Company: Dacri Analytical Systems, Inc
Address: 1265 Capital Airport Drive
Springfield, IL 62701
Phone: (217) 753-1148
Signature: [Signature]
Date: 16 Nov 02

Prairie



Analytical
Systems, INCORPORATED

25 August 2000

Mr. Marc Simmering
CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490

Phone: 217-753-1148

FAX: 217-753-1152

E-Mail: IL100323@aol.com

RE: PAS Project Code **CSD-505**

Dear Mr. Simmering,

This report contains the analytical results for **Ayerco #14** samples received under chain of custody by Prairie Analytical Systems, Inc. on 22-Aug-00.

All applicable quality control procedures met method specific acceptance criteria.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to call me at (217) 753-1148.

Sincerely,

Stephen R. Johnson
Stephen R. Johnson
Laboratory Director

CC: Project File



Certificate of Analysis

CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490
Phone: 217-753-1148
Facsimile: 217-753-1152
E-Mail: 1L100323@aol.com

Client Project: **AYERCO #14**
PAS Project Code: CSD-505

Sample Description:	MW - 12	---	---	---	---
PAS Sample Number:	00082211908	---	---	---	---
Matrix:	Aqueous	---	---	---	---
Date Sampled:	22-Aug-00	---	---	---	---
Date Received:	22-Aug-00	---	---	---	---
Date Analyzed:	24-Aug-00	---	---	---	---
Date Reported:	25-Aug-00	---	---	---	---

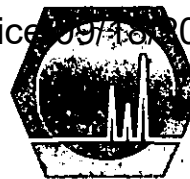
Organic Compound(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
BTEX							
Benzene	0.002 mg/L	0.067	---	---	---	---	8260B(1)
Toluene	0.002 mg/L	0.008	---	---	---	---	8260B(1)
Ethylbenzene	0.002 mg/L	0.186	---	---	---	---	8260B(1)
Total Xylenes	0.005 mg/L	0.113	---	---	---	---	8260B(1)

End of Report

(1) - Analysis performed using SW846 "Test Methods for Evaluating Solid Waste"

Prairie



Analytical

Systems, INCORPORATED

18 August 2000

Mr. Marc Simmering
CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490

Phone: 217-753-1148

FAX: 217-753-1152

E-Mail: IL100323@aol.com

RE: PAS Project Code CSD-503

Dear Mr. Simmering,

This report contains the analytical results for **Ayerco #14** samples received under chain of custody by Prairie Analytical Systems, Inc. on 09-Aug-00.

All applicable quality control procedures met method specific acceptance criteria.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to call me at (217) 753-1148.

Sincerely,

Stephen R. Johnson
Laboratory Director

CC: Project File

Certificate of Analysis

CSD Environmental Services, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490
Phone: 217-753-1148
Facsimile: 217-753-1152
E-Mail: IL100323@aol.com

Client Project: **Ayerco #14**
PAS Project Code: **CSD-503**

Sample Description:	MW-10	MW-11	MW-12	MW-13	---
PAS Sample Number:	000809111083	000809111084	000809111085	000809111086	---
Matrix:	Aqueous	Aqueous	Aqueous	Aqueous	---
Date Sampled:	9-Aug-00	9-Aug-00	9-Aug-00	9-Aug-00	---
Date Received:	9-Aug-00	9-Aug-00	9-Aug-00	9-Aug-00	---
Date Analyzed:	15-Aug-00	15-Aug-00	15-Aug-00	15-Aug-00	---
Date Reported:	17-Aug-00	17-Aug-00	17-Aug-00	17-Aug-00	---

Organic Compound(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
BTEX							
Benzene	0.002 mg/L	0.004	0.190	1.97	0.014	---	8260B(1)
Toluene	0.002 mg/L	U	0.003	0.454	0.004	---	8260B(1)
Ethylbenzene	0.002 mg/L	0.058	0.540	2.54	0.005	---	8260B(1)
Total Xylenes	0.005 mg/L	0.033	0.589	10.2	0.236	---	8260B(1)
MTBE	0.005 mg/L	0.097	0.221	0.906	U	---	8260B(1)
PAH(s)							
Naphthalene	0.010 mg/L	U	0.045	0.368	0.019	---	8270C(1)
Acenaphthene	0.018 mg/L	U	U	U	U	---	8270C(1)
Anthracene	0.0066mg/L	U	U	U	U	---	8270C(1)
Fluoranthene	0.0021 mg/L	U	U	U	U	---	8270C(1)
Fluorene	0.0021 mg/L	U	U	U	U	---	8270C(1)
Pyrene	0.0027 mg/L	U	U	U	U	---	8270C(1)
Benzo (a) Anthracene	0.00013 mg/L	U	U	U	U	---	8270C(1)
Benzo (a) Pyrene	0.0002 mg/L	U	U	U	U	---	8270C(1)
Benzo (b) Fluoranthene	0.00018 mg/L	U	U	U	U	---	8270C(1)
Benzo (k) Fluoranthene	0.00017 mg/L	U	U	U	U	---	8270C(1)
Chrysenes	0.0015 mg/L	U	U	U	U	---	8270C(1)
Dibenzo (a,h) Anthracene	0.0003 mg/L	U	U	U	U	---	8270C(1)
Indeno (1,2,3-c,d) Pyrene	0.00043 mg/L	U	U	U	U	---	8270C(1)
Acenaphthylene	0.010 mg/L	U	U	U	U	---	8270C(1)
Benzo (g,h,i) Perylene	0.00076 mg/L	U	U	U	U	---	8270C(1)
Phenanthrene	0.0064 mg/L	U	U	U	U	---	8270C(1)

Inorganic(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
COD	20.0 mg/L	52.8	52.8	164	25.0	---	5220(2)
Dissolved Oxygen	0.1 mg/L	0.65	0.97	0.94	1.95	---	4500 O G(2)

End of Report

(1) - Analysis performed using SW846 "Test Methods for Evaluating Solid Waste"

(2) - Analysis performed using "Standard Methods for the Examination of Water and Wastewater", 20th Edition

Chain Custody Record

1265 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152 - E-mail IL100323@aol.com



Client	ES& Environmental Eng.			Client Project	Ayrton #14				
Address	2770 Yale			Project Location	430 STANFORD AVE				
City, State Zip Code	SPRINGFIELD IL 62703			Sampler(s) / Phone No.	M. SIMMERING 522-4025				
Phone / Facsimile No.	522-4025 / 522-4027			Turnaround Time	Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Date Required:				
Contact Person	M. SIMMERING			P.O. # or Invoice To	CSO Paul. T. Co.				
Sample Description (10 Characters Only)	Sampling		Container		³ M/ ⁴ P Code	Analysis and / or Method Requested (If there are any questions, please call.)	PAS Sample Number Accepted / Rejected		
	Date	Time	¹ Size	² Type / No.					
MW-10	8/9/00	A.M.	40ml/5	16/504	A1	PERMETH, PMA's, A.O., COA OOC	80911083 [] []		
MW-11		"				↓ ↓ ↓ ↓	80911084 A [] []		
MW-12		P.M.				↓ ↓ ↓ ↓	80911085 A [] []		
MW-13		"				↓ ↓ ↓ ↓	80911086 A [] []		
							A [] []		
							A [] []		
							A [] []		
							A [] []		
							A [] []		
							A [] []		
							A [] []		
							A [] []		
							A [] []		
¹ Size of Container	40 mL		125 mL		250 mL		1000 mL	O - Other (Specify)	
² Type of Container	G - Glass (Clear)		AG - Glass (Amber)		P - HDPE		SC - Soil Core	O - Other (Specify)	
³ M = Matrix Code	A - Aqueous		DW - Drinking Water		NA - Non-aqueous Liquid		S - Solids	O - Other (Specify)	
⁴ P = Preservative Code	A - None		B - HNO ₃		C - H ₂ SO ₄		D - NaOH	E - HCl	O - Other (Specify)
Relinquished By		Date	Time	Received By		Date	Time	Method of Shipment	
M. Simmering		8/9/00	2:37	Candace Shunkus		8/9/00	2:40	hand	
Special Instructions:							PAS Project Code CSO-503		

Electronic Filing: Received, Clerk's Office 09/18/2024

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Chain Custody Record

1265 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152 - E-mail IL100323@aol.com



Client		PSA Environmental Mental Test		Client Project		ANEXON # 14	
Address		2220 YALE		Project Location		430 STANFORD AVE	
City, State Zip Code		SPRINGFIELD IL 62703		Sampler(s) / Phone No.		M. SIMMERING / 522-4085	
Phone / Facsimile No.		522-4085 / 522-4087		Turnaround Time		Standard [X] Rush [] Date Required:	
Contact Person		M. SIMMERING		P.O. # or Invoice To		PSA ENV. MENTAL TEST	
Sample Description (10 Characters Only)	Sampling		Container		M/P Code	Analysis and / or Method Requested (If there are any questions, please call.)	PAS Sample Number
	Date	Time	Size	Type / No.			Accepted / Rejected
MLI-10	8/9/00	A.M.	40ml/ser	W/ser 4	A	ESARTCY, PAIA'S, A.O., COA	A [] R []
MLI-11		"					A [] R []
MLI-12		P.M.					A [] R []
MLI-13		"					A [] R []
							A [] R []
							A [] R []
							A [] R []
							A [] R []
							A [] R []
							A [] R []
							A [] R []
							A [] R []
							A [] R []
¹ Size of Container	40 mL	125 mL	250 mL	500 mL	1000 mL	O - Other (Specify)	
² Type of Container	G - Glass (Clear)	AG - Glass (Amber)	P - HDPE	VC - Volatile Core	SC - Soil Core	O - Other (Specify)	
³ M = Matrix Code	A - Aqueous	DW - Drinking Water	NA - Non-aqueous Liquid	SE - Saline Water	S - Solids	O - Other (Specify)	
⁴ P = Preservative Code	A - None	B - HNO ₃	C - H ₂ SO ₄	D - NaOH	E - HCl	O - Other (Specify)	
Relinquished By	Date	Time	Received By	Date	Time	Method of Shipment	
M. Simmering	8/9/00	2:27	Condore Whittier	8/9/00	2:40	hand	
Special Instructions:							PAS Project Code

Electronic Filing Received, Clerk's Office 09/18/2024

000173

Prairie



Analytical
Systems, INCORPORATED

17 August 2000

Mr. Marc Simmering
CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490

Phone: 217-753-1148

FAX: 217-753-1152

E-Mail: IL100323@aol.com

RE: PAS Project Code **CSD-503**

Dear Mr. Simmering,

This report contains the analytical results for **Ayerco #14** samples received under chain of custody by Prairie Analytical Systems, Inc. on 09-Aug-00.

All applicable quality control procedures met method specific acceptance criteria.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to call me at (217) 753-1148.

Sincerely,

Stephen R. Johnson
Laboratory Director

CC: Project File

Certificate of Analysis

CSD Environmental Services, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490
Phone: 217-753-1148
Facsimile: 217-753-1152
E-Mail: IL100323@aol.com

Client Project: **Ayerco #14**
PAS Project Code: CSD-503

Sample Description:	MW-10	MW-11	MW-12	MW-13	---
PAS Sample Number:	000809111083	000809111084	000809111085	000809111086	---
Matrix:	Aqueous	Aqueous	Aqueous	Aqueous	---
Date Sampled:	9-Aug-00	9-Aug-00	9-Aug-00	9-Aug-00	---
Date Received:	9-Aug-00	9-Aug-00	9-Aug-00	9-Aug-00	---
Date Analyzed:	15-Aug-00	15-Aug-00	15-Aug-00	15-Aug-00	---
Date Reported:	17-Aug-00	17-Aug-00	17-Aug-00	17-Aug-00	---

Organic Compound(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
BTEX							
Benzene	0.002 mg/L	0.004	0.190	1.97	0.014	---	8260B(1)
Toluene	0.002 mg/L	U	0.003	0.454	0.004	---	8260B(1)
Ethylbenzene	0.002 mg/L	0.058	0.540	2.54	0.005	---	8260B(1)
Total Xylenes	0.005 mg/L	0.033	0.589	10.2	0.236	---	8260B(1)
PAH(s)							
Naphthalene	0.010 mg/L	U	0.045	0.368	0.019	---	8270C(1)
Acenaphthene	0.018 mg/L	U	U	U	U	---	8270C(1)
Anthracene	0.0066mg/L	U	U	U	U	---	8270C(1)
Fluoranthene	0.0021 mg/L	U	U	U	U	---	8270C(1)
Fluorene	0.0021 mg/L	U	U	U	U	---	8270C(1)
Pyrene	0.0027 mg/L	U	U	U	U	---	8270C(1)
Benzo (a) Anthracene	0.00013 mg/L	U	U	U	U	---	8270C(1)
Benzo (a) Pyrene	0.0002 mg/L	U	U	U	U	---	8270C(1)
Benzo (b) Fluoranthene	0.00018 mg/L	U	U	U	U	---	8270C(1)
Benzo (k) Fluoranthene	0.00017 mg/L	U	U	U	U	---	8270C(1)
Chrysene	0.0015 mg/L	U	U	U	U	---	8270C(1)
Dibenzo (a,h) Anthracene	0.0003 mg/L	U	U	U	U	---	8270C(1)
Indeno (1,2,3-c,d) Pyrene	0.00043 mg/L	U	U	U	U	---	8270C(1)
Acenaphthylene	0.010 mg/L	U	U	U	U	---	8270C(1)
Benzo (g,h,i) Perylene	0.00076 mg/L	U	U	U	U	---	8270C(1)
Phenanthrene	0.0064 mg/L	U	U	U	U	---	8270C(1)

Inorganic(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
COD	20.0 mg/L	52.8	52.8	164	25.0	---	5220(2)
Dissolved Oxygen	0.1 mg/L	0.65	0.97	0.94	1.95	---	4500 O G(2)

End of Report

(1) - Analysis performed using SW846 "Test Methods for Evaluating Solid Waste"

(2) - Analysis performed using "Standard Methods for the Examination of Water and Wastewater", 20th Edition

Chain of Custody Record

1265 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152 - E-mail IL100323@aol.com



Client: CSD ENVIRONMENTAL INC.		Client Project: AYERCO #14									
Address: 2220 YALE		Project Location: 430 STANFORD AVG									
City, State Zip Code: SPRINGFIELD IL 62703		Sampler(s) / Phone No.: M. SIMMERING 522-4085									
Phone / Facsimile No.: 522-4085 / 522-4087		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Date Required:									
Contact Person: M. SIMMERING		P.O. # of Invoice To: CSD ENV. INC.									
Sample Description (10 Characters Only)	Sampling		Container		M/P Code	Analysis and / or Method Requested (If there are any questions, please call.)	PAS Sample Number Accepted / Rejected				
	Date	Time	Size	Type / No.							
MW-10	8/9/00	A.M.	40ml/500	6/00 4	A1 E, K, B, T, F, X, P, N, A's, A, O, C, O, A, O, O, O	80911083	[] [] []				
MW-11		"				↓	80911084	A [] [] []			
MW-12		P.M.				↓	80911085	A [] [] []			
MW-13		"				↓	80911086	A [] [] []			
								A [] [] []			
								A [] [] []			
								A [] [] []			
								A [] [] []			
								A [] [] []			
								A [] [] []			
								A [] [] []			
								A [] [] []			
¹ Size of Container	40 mL		125 mL		250 mL		500 mL		1000 mL		O - Other (Specify)
² Type of Container	G - Glass (Clear)		AG - Glass (Amber)		P - HDPE		VC - Volatile Core		SC - Soil Core		O - Other (Specify)
³ M = Matrix Code	A - Aqueous		DW - Drinking Water		NA - Non-aqueous Liquid		SE - Saline Water		S - Solids		O - Other (Specify)
⁴ P = Preservative Code	A - None		B - HNO ₃		C - H ₂ SO ₄		D - NaOH		E - HCl		O - Other (Specify)
Relinquished By			Date	Time	Received By			Date	Time	Method of Shipment	
M. Simmering			8/9/00	2:37	Candace Shunkus			8/9/00	2:40	hand	
Special Instructions:										PAS Project Code CSD-503	

Electronic Filing: Received, Clerk's Office 09/18/2024

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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 \$30,000.00 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 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 5/57.17). This form has been approved by the Forms Management Center.

Illinois Environmental Protection Agency
Leaking Underground Storage Tank Program
Laboratory Certification for Chemical Analysis

A. Site Identification

IEMA Incident # (6 digit): 991372 IEPA Generator # (10 digit): 1671205343
Site Name: AYERCO #14
Site Address (Not a P.O. Box): 430 STANFORD AVE.
City: SPRINGFIELD County: SONG.

B. Sample Collector

I certify that:

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

C. Laboratory Representative

I certify that:

- 1. Proper chain of custody procedures were followed as documented on the chain of custody forms. 8
(initial)
- 2. Sample integrity was maintained by proper preservation. 8
(initial)
- 3. All samples were properly labeled. 8
(initial)
- 4. Quality assurance/quality control procedures were established and carried out. 8
(initial)
- 5. Sample holding times were not exceeded. 8
(initial)
- 6. SW-846 Analytical Laboratory Procedure (USEPA) methods were used for the analyses. 8
(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.

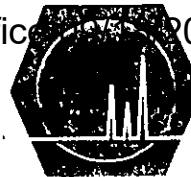
Sample Collector

Laboratory Representative

Name: MAK SIMMERING
Title: MGR. FIELD SERVICES
Company: CSD Environmental Services
Address: 2220 Yale Boulevard
Springfield, IL 62703
Phone: (217) 522-4085
Signature: *Marc Simmering*
Date: 8/9/00

Name: Stephen R Johnson
Title: Laboratory Director
Company: Prairie Analytical Systems Inc
Address: 1265 Capital Airport Drive
Springfield, IL 62707
Phone: (217) 753-1148
Signature: *S R Johnson*
Date: 17 Nov 2000

Prairie



Analytical

Systems, INCORPORATED

25 May 2000

Mr. Marc Simmering
CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490

Phone: 217-753-1148

FAX: 217-753-1152

E-Mail: IL100323@aol.com

RE: PAS Project Code **CSD-493**

Dear Mr. Simmering,

This report contains the analytical results for **Ayerco #14** samples received under chain of custody by Prairie Analytical Systems, Inc. on 8-May-00.

All applicable quality control procedures met method specific acceptance criteria.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to call me at (217) 753-1148.

Sincerely,

Stephen R. Johnson
Laboratory Director

CC: Project File

Certificate of Analysis

CSD Environmental, Inc.
 2220 Yale Boulevard
 Springfield, IL 62703

1265 Capital Airport Drive
 Springfield, IL 62707-8490
 Phone: 217-753-1148
 Facsimile: 217-753-1152
 E-Mail: IL100323@aol.com

Client Project: **Ayerco #14**
 PAS Project Code: CSD-493

Sample Description:	MW-10	MW-11	MW-12	MW-13	---
PAS Sample Number:	0005086017	0005086018	0005086019	0005086020	---
Matrix:	Aqueous	Aqueous	Aqueous	Aqueous	---
Date Sampled:	8-May-00	8-May-00	8-May-00	8-May-00	---
Date Received:	8-May-00	8-May-00	8-May-00	8-May-00	---
Date Analyzed:	12-May-00	12-May-00	12-May-00	12-May-00	---
Date Reported:	17-May-00	17-May-00	17-May-00	17-May-00	---

Organic Compound(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
BTEX							
Benzene	0.002 mg/L	0.102	1.84	0.059	0.009	---	8260B(1)
Toluene	0.002 mg/L	0.011	1.13	0.004	0.002	---	8260B(1)
Ethylbenzene	0.002 mg/L	0.118	2.46	0.164	0.161	---	8260B(1)
Total Xylenes	0.005 mg/L	0.546	10.5	0.302	0.227	---	8260B(1)
PAH(s)							
Naphthalene	0.010 mg/L	0.049	0.111	0.019	0.012	---	8270C(1)
Acenaphthene	0.018 mg/L	U	U	U	U	---	8270C(1)
Anthracene	0.0066mg/L	U	U	U	U	---	8270C(1)
Fluoranthene	0.0021 mg/L	U	U	U	U	---	8270C(1)
Fluorene	0.0021 mg/L	U	U	U	U	---	8270C(1)
Pyrene	0.0027 mg/L	U	U	U	U	---	8270C(1)
Benzo (a) Anthracene	0.00013 mg/L	U	U	U	U	---	8270C(1)
Benzo (a) Pyrene	0.0002 mg/L	U	U	U	U	---	8270C(1)
Benzo (b) Fluoranthene	0.00018 mg/L	U	U	U	U	---	8270C(1)
Benzo (k) Fluoranthene	0.00017 mg/L	U	U	U	U	---	8270C(1)
Chrysene	0.0015 mg/L	U	U	U	U	---	8270C(1)
Dibenzo (a,h) Anthracene	0.0003 mg/L	U	U	U	U	---	8270C(1)
Indeno (1,2,3-c,d) Pyrene	0.00043 mg/L	U	U	U	U	---	8270C(1)
Acenaphthylene	0.010 mg/L	U	U	U	U	---	8270C(1)
Benzo (g,h,i) Perylene	0.00076 mg/L	U	U	U	U	---	8270C(1)
Phenanthrene	0.0064 mg/L	U	U	U	U	---	8270C(1)



Certificate of Analysis

CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490
Phone: 217-753-1148
Facsimile: 217-753-1152
E-Mail: IL100323@aol.com

Client Project: **Ayerco #14**
PAS Project Code: CSD-493

Sample Description:	MW-10	MW-11	MW-12	MW-13	
PAS Sample Number:	0005086017	0005086018	0005086019	0005086020	---
Matrix:	Aqueous	Aqueous	Aqueous	Aqueous	---
Date Sampled:	8-May-00	8-May-00	8-May-00	8-May-00	---
Date Received:	8-May-00	8-May-00	8-May-00	8-May-00	---
Date Analyzed:	12-May-00	12-May-00	12-May-00	12-May-00	---
Date Reported:	17-May-00	17-May-00	17-May-00	17-May-00	---

Inorganic(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
Nitrite (as N), Total	0.05 mg/L	U	U	U	U	---	4110(2)
Nitrate (as N), Total	0.10 mg/L	U	U	U	U	---	4110(2)
Ammonia (as N), Total	0.10 mg/L	U	1.40	U	U	---	4110(2)
COD	20.0 mg/L	202	479	139	70.5	---	5220(2)
Dissolved Oxygen	1.0 mg/L	1.36	1.09	1.50	1.51	---	4500-O G(2)

End of Report

(1) - Analysis performed using SW846 "Test Methods for Evaluating Solid Waste"
(2) - Analysis performed using "Standard Methods for the Examination of Water and Wastewater", 20th Edition

Chain Custody Record

1265 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152 - E-mail IL100323@aol.com



Client	CSD ENVIRONMENTAL INC.	Client Project	AVERCO #14
Address	2220 YALE	Project Location	5 TH + STANFORD
City, State Zip Code	SPRINGFIELD IL 62703	Sampler(s) / Phone No.	M. SIMMERING 1522-4025
Phone / Facsimile No.	522-4025 / 522-4027	Turnaround Time	Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Date Required:
Contact Person	M. SIMMERING	P.O. # or Invoice To	CSD ENV. T.I.C.

Sample Description (10 Characters Only)	Sampling		Container		³ M/ ⁴ P Code	Analysis and / or Method Requested (If there are any questions, please call.)	PAS Sample Number Accepted / Rejected
	Date	Time	¹ Size	² Type / No.			
MW-10	5/8/00	P.M.	1	1	1	BTEX, PAH'S, D.D. COA,	5086017 A [] R []
MW-11	↓	↓	1	1	1	ORTHOPHOSPHATES, AMMONIA NITROGEN	5086018 A [] R []
MW-12	↓	↓	1	1	1	NITRATE - NITRICE NITROGEN	5086019 A [] R []
MW-13	↓	↓	1	1	1		5086020 A [] R []
			1	1	1	↓	A [] R []
			1	1	1	↓	A [] R []
			1	1	1	↓	A [] R []
			1	1	1	↓	A [] R []
			1	1	1	↓	A [] R []
			1	1	1	↓	A [] R []
			1	1	1	↓	A [] R []

¹ Size of Container	40 mL	125 mL	250 mL	500 mL	1000 mL	O - Other (Specify)
² Type of Container	G - Glass (Clear)	AG - Glass (Amber)	P - HDPE	VC - Volatile Core	SC - Soil Core	O - Other (Specify)
³ M = Matrix Code	A - Aqueous	DW - Drinking Water	NA - Non-aqueous Liquid	SE - Saline Water	S - Solids	O - Other (Specify)
⁴ P = Preservative Code	A - None	B - HNO ₃	C - H ₂ SO ₄	D - NaOH	E - HCl	O - Other (Specify)

Relinquished By	Date	Time	Received By	Date	Time	Method of Shipment
M. Simmering	5/8/00	P.M.	Constance Whimbey	5/8/00	3:00	

Special Instructions: Dec. Add MTBE on Sep. 12, 2000 for CSD.

PAS Project Code: CSD-493

52300 - Remove MTBE from original report as per J. Truesdale

Electronic Filing: Received, Clerk's Office 09/18/2024

000182

Prairie



Analytical
Systems, INCORPORATED

17 May 2000

Mr. Marc Simmering
CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490

Phone: 217-753-1148

FAX: 217-753-1152

E-Mail: IL100323@aol.com

RE: PAS Project Code **CSD-493**

Dear Mr. Simmering,

This report contains the analytical results for **Ayerco #14** samples received under chain of custody by Prairie Analytical Systems, Inc. on 8-May-00.

All applicable quality control procedures met method specific acceptance criteria.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to call me at (217) 753-1148.

Sincerely,

Stephen R. Johnson
Laboratory Director

CC: Project File



Certificate of Analysis

CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490
Phone: 217-753-1148
Facsimile: 217-753-1152
E-Mail: IL100323@aol.com

Client Project: **Ayerco #14**
PAS Project Code: CSD-493

Sample Description:	MW-10	MW-11	MW-12	MW-13	---
PAS Sample Number:	0005086017	0005086018	0005086019	0005086020	---
Matrix:	Aqueous	Aqueous	Aqueous	Aqueous	---
Date Sampled:	8-May-00	8-May-00	8-May-00	8-May-00	---
Date Received:	8-May-00	8-May-00	8-May-00	8-May-00	---
Date Analyzed:	12-May-00	12-May-00	12-May-00	12-May-00	---
Date Reported:	17-May-00	17-May-00	17-May-00	17-May-00	---

Organic Compound(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
MTBE	0.005 mg/L	0.038	0.740	0.417	0.073	---	8260B(1)

End of Report

(1) - Analysis performed using SW846 "Test Methods for Evaluating Solid Waste"

Certificate of Analysis

CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490
Phone: 217-753-1148
Facsimile: 217-753-1152
E-Mail: IL100323@aol.com

Client Project: **Ayerco #14**
PAS Project Code: CSD-493

Sample Description:	MW-10	MW-11	MW-12	MW-13	---
PAS Sample Number:	0005086017	0005086018	0005086019	0005086020	---
Matrix:	Aqueous	Aqueous	Aqueous	Aqueous	---
Date Sampled:	8-May-00	8-May-00	8-May-00	8-May-00	---
Date Received:	8-May-00	8-May-00	8-May-00	8-May-00	---
Date Analyzed:	12-May-00	12-May-00	12-May-00	12-May-00	---
Date Reported:	17-May-00	17-May-00	17-May-00	17-May-00	---

Organic Compound(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
BTEX							
Benzene	0.002 mg/L	0.102	1.84	0.059	0.009	---	8260B(1)
Toluene	0.002 mg/L	0.011	1.13	0.004	0.002	---	8260B(1)
Ethylbenzene	0.002 mg/L	0.118	2.46	0.164	0.161	---	8260B(1)
Total Xylenes	0.005 mg/L	0.546	10.5	0.302	0.227	---	8260B(1)
MTBE	0.005 mg/L	0.038	0.740	0.417	0.073	---	8260B(1)
PAH(s)							
Naphthalene	0.010 mg/L	0.049	0.111	0.019	0.012	---	8270C(1)
Acenaphthene	0.018 mg/L	U	U	U	U	---	8270C(1)
Anthracene	0.0066mg/L	U	U	U	U	---	8270C(1)
Fluoranthene	0.0021 mg/L	U	U	U	U	---	8270C(1)
Fluorene	0.0021 mg/L	U	U	U	U	---	8270C(1)
Pyrene	0.0027 mg/L	U	U	U	U	---	8270C(1)
Benzo (a) Anthracene	0.00013 mg/L	U	U	U	U	---	8270C(1)
Benzo (a) Pyrene	0.0002 mg/L	U	U	U	U	---	8270C(1)
Benzo (b) Fluoranthene	0.00018 mg/L	U	U	U	U	---	8270C(1)
Benzo (k) Fluoranthene	0.00017 mg/L	U	U	U	U	---	8270C(1)
Chrysene	0.0015 mg/L	U	U	U	U	---	8270C(1)
Dibenzo (a,h) Anthracene	0.0003 mg/L	U	U	U	U	---	8270C(1)
Indeno (1,2,3-c,d) Pyrene	0.00043 mg/L	U	U	U	U	---	8270C(1)
Acenaphthylene	0.010 mg/L	U	U	U	U	---	8270C(1)
Benzo (g,h,i) Perylene	0.00076 mg/L	U	U	U	U	---	8270C(1)
Phenanthrene	0.0064 mg/L	U	U	U	U	---	8270C(1)



Prairie

Analytical
Systems, INCORPORATED

Certificate of Analysis

CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490
Phone: 217-753-1148
Facsimile: 217-753-1152
E-Mail: IL100323@aol.com

Client Project: **Ayerco #14**
PAS Project Code: CSD-493

Sample Description:	MW-10	MW-11	MW-12	MW-13	---
PAS Sample Number:	0005086017	0005086018	0005086019	0005086020	---
Matrix:	Aqueous	Aqueous	Aqueous	Aqueous	---
Date Sampled:	8-May-00	8-May-00	8-May-00	8-May-00	---
Date Received:	8-May-00	8-May-00	8-May-00	8-May-00	---
Date Analyzed:	12-May-00	12-May-00	12-May-00	12-May-00	---
Date Reported:	17-May-00	17-May-00	17-May-00	17-May-00	---

Inorganic(s) Analysis

<u>Parameter(s)</u>	RL / Unit	Result	Result	Result	Result	Result	Method
Nitrite (as N), Total	0.05 mg/L	U	U	U	U	---	4110(2)
Nitrate (as N), Total	0.10 mg/L	U	U	U	U	---	4110(2)
Ammonia (as N), Total	0.10 mg/L	U	1.40	U	U	---	4110(2)
COD	20.0 mg/L	202	479	139	70.5	---	5220(2)
Dissolved Oxygen	1.0 mg/L	1.36	1.09	1.50	1.51	---	4500-O G(2)

End of Report

(1) - Analysis performed using SW846 "Test Methods for Evaluating Solid Waste"

(2) - Analysis performed using "Standard Methods for the Examination of Water and Wastewater", 20th Edition

Chain of Custody Record

1265 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152 - E-mail IL100323@aol.com



Client	CSD ENVIRONMENTAL INC.			Client Project	AYERCO #14			
Address	2220 YALE			Project Location	5 th + STANFORD			
City, State, Zip Code	SPRINGFIELD IL 62703			Sampler(s) / Phone No.	M. SIMMERING 1522-4095			
Phone / Facsimile No.	522-4095 / 522-4097			Turnaround Time	Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Date Required:			
Contact Person	M. SIMMERING			P.O. # or Invoice To	CSD ENV. INC.			
Sample Description (10 Characters Only)	Sampling		Container		M/P	Analysis and / or Method Requested (If there are any questions, please call.)	PAS Sample Number	
	Date	Time	Size	Type / No.	Code		Accepted / Rejected	
MW-10	5/8/00	P.M.				BTEX, PNA's D.O. COA	5086017 A [] R []	
MW-11	↓	↓				ORTHOPHOSPHATES AMMONIA NITROGEN	5086018 A [] R []	
MW-12	↓	↓				NITRATE - NITRILE NITROGEN	5086019 A [] R []	
MW-13	↓	↓					5086020 A [] R []	
							A [] R []	
							A [] R []	
							A [] R []	
							A [] R []	
							A [] R []	
							A [] R []	
							A [] R []	
Size of Container	40 mL	125 mL	250 mL	500 mL	1000 mL	O - Other (Specify)		
Type of Container	G - Glass (Clear)	AG - Glass (Amber)	P - HDPE	VC - Volatile Core	SC - Soil Core	O - Other (Specify)		
M = Matrix Code	A - Aqueous	DW - Drinking Water	NA - Non-aqueous Liquid	SE - Saline Water	S - Solids	O - Other (Specify)		
P = Preservative Code	A - None	B - HNO ₃	C - H ₂ SO ₄	D - NaOH	E - HCl	O - Other (Specify)		
Relinquished By	Date	Time	Received By	Date	Time	Method of Shipment		
M. Simmering	5/8/00	P.M.	Candace Shumaker	5/8/00	3:00	May 8 3 26 PM '00		
Special Instructions:	5800 Add MTBE on sep. report as per CSD.						PAS Project Code	CSD-493

Electronic Filing: Received, Clerk's Office 09/18/2024

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Illinois Environmental Protection Agency
Electronic Filing: Received, Clark's Office 09/18/2024
Leaking Underground Storage Tank Program
Laboratory Certification for Chemical Analysis

A. site Identification

IEPA Incident # (6 digit): _____ IEPA Generator # (10 digit): _____
Site Name: AYERCO CONSUMPTION CENTER
Site Address (No. & P.O. Box): 5TH + STANFORD
City: SPRINGFIELD County: SANGAMON

B. Sample Collector

I certify that:

1. appropriate sampling equipment/methods were utilized to obtain representative samples. MS
(initial)
2. chain of custody procedures were followed in the field. MS
(initial)
3. sample integrity was maintained by proper preservation. MS
(initial)
4. all samples were properly labeled. MS
(initial)

C. Laboratory Personnel

I certify that:

1. proper chain of custody procedures were followed as documented on the chain of custody forms. 8
(initial)
2. sample integrity was maintained by proper preservation. 8
(initial)
3. all samples were properly labeled. 8
(initial)
4. quality assurance/quality control procedures were established and carried out. 8
(initial)
5. sample holding times were not exceeded. 8
(initial)
6. SW-846 Analytical Laboratory Procedure (USEPA) methods were used for the analyses. 8
(initial)

D. Electronic Filing: Received, Clerk's Office 09/18/2024
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.

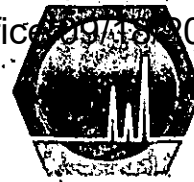
Sample Collector

Name: MARC SIMMERING
Title: MGR. FIELD SERVICES
Company: CSA FLOW, INC.
Address: 2220 YALE
SPRINGFIELD IL 62703
Phone: 522-4095
Signature: Marc Simmering
Date: 5/8/00

Laboratory Representative

Name: Stephen R. Johnson
Title: Laboratory Director
Company: Praxis Analytical Systems, Inc
Address: 1265 Capital Airport Drive
Springfield, IL 62707
Phone: (217) 753-1148
Signature: Stephen R. Johnson
Date: 17 May 2000

Prairie



Analytical
Systems, INCORPORATED

30 November 1999

Mr. Harry Chappel
CSD Environmental, Inc
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8413

Phone: 217-753-1148
FAX: 217-753-1152

RE: PAS Project Code **CSD-426**

Dear Mr. Chappel,

This report contains the analytical results for **Ayerco Station #14** samples received under chain of custody by Prairie Analytical Systems, Inc. on 18-Nov-99.

All applicable quality control procedures met method specific acceptance criteria.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to call me at (217) 753-1148.

Sincerely,

Stephen R. Johnson
Laboratory Director

CC: Project File



Certificate of Analysis

CSD Environmental, Inc.
2220 Yale Boulevard
Springfield, IL 62703

1265 Capital Airport Drive
Springfield, IL 62707-8490
Phone: 217-753-1148
Facsimile: 217-753-1152
E-Mail: IL100923@aol.com

Client Project: **Ayerco Station #14**
PAS Project Code: **CSD-426**

Sample Description:	MW1	MW2	MW3	---	---
PAS Sample Number:	99111811740	99111811741	99111811742	---	---
Matrix:	Aqueous	Aqueous	Aqueous	---	---
Date Sampled:	18-Nov-99	18-Nov-99	18-Nov-99	---	---
Date Received:	18-Nov-99	18-Nov-99	18-Nov-99	---	---
Date Analyzed:	24-Nov-99	24-Nov-99	24-Nov-99	---	---
Date Reported:	30-Nov-99	30-Nov-99	30-Nov-99	---	---

Organic Compound(s) Analysis

<u>Parameter(s)</u>	RL/ Unit	Result	Result	Result	Result	Result	Method
BTEX							
Benzene	0.002 mg/L	0.005	1.29	0.268	---	---	8260B(1)
Toluene	0.002 mg/L	U	0.034	0.052	---	---	8260B(1)
Ethylbenzene	0.002 mg/L	U	0.583	0.143	---	---	8260B(1)
Total Xylenes	0.005 mg/L	U	0.073	0.401	---	---	8260B(1)

End of Report

(1) - Analysis performed using SW846 "Test Methods for Evaluating Solid Waste"

Chain of Custody Record

1265 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152 - E-mail IL100323@aol.com



Client		CSD Environmental			Client Project		Ayerco Station #14		
Address		2220 Yale Blvd			Project Location		4005 Stanford Ave		
City, State, Zip Code		Springfield IL 62703			Sampler(s) / Phone No.		1		
Phone / Facsimile No.		(217) 522-4085 (217) 522-4087			Turnaround Time		Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Date Required:		
Contact Person		Harry Chappel			P.O. # or Invoice To				
Sample Description (10 Characters Only)	Sampling		Container		M/P		Analysis and / or Method Requested (If there are any questions, please call.)	PAS Sample Number	
	Date	Time	Size	Type / No.	Code	Code		Accepted / Rejected	
MW1	11/18/99	2:40	40ml	1	1	BETX	991118	11740	A [] R []
MW2	11/18/99	12:50	↓	1	1	BETX		11741	A [] R []
MW3	11/18/99	11:00	↓	1	1	BETX		11742	A [] R []
				1	1				A [] R []
				1	1				A [] R []
				1	1				A [] R []
				1	1				A [] R []
				1	1				A [] R []
				1	1				A [] R []
				1	1				A [] R []
				1	1				A [] R []
				1	1				A [] R []
				1	1				A [] R []
¹ Size of Container	40 mL	125 mL	250 mL	500 mL	1000 mL	O - Other (Specify)			
² Type of Container	G - Glass (Clear)	AG - Glass (Amber)	P - HDPE	VC - Volatile Core	SC - Soil Core	O - Other (Specify)			
³ M = Matrix Code	A - Aqueous	DW - Drinking Water	NA - Non-aqueous Liquid	SE - Saline Water	S - Solids	O - Other (Specify)			
⁴ P = Preservative Code	A - None	B - HNO ₃	C - H ₂ SO ₄	D - NaOH	E - HCl	O - Other (Specify)			
Relinquished By		Date	Time	Received By		Date	Time	Method of Shipment	
Kyle W. Blankenship		11/18	3:15	Marshall [Signature]		11/18/99	1515		
Special Instructions:								PAS Project Code CSD 426	

Electronic Filing: Received, Clerk's Office 09/18/2024

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81 3 41

Chain of Custody Record

1265 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152 - E-mail IL100323@aol.com



Client: CSD Environmental		Client Project: Averco Station # 14					
Address: 2220 Yale Blvd		Project Location: 4905 Stanford Ave					
City, State Zip Code: Springfield IL 62703		Sampler(s) / Phone No: 1					
Phone / Facsimile No.: (217) 522-4085 (217) 522-4087		Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/> Date Required:					
Contact Person: Harry Chandler		P.O. # or Invoice To:					
Sample Description (10 Characters Only)	Sampling		Container		M / P Code	Analysis and / or Method Requested (If there are any questions, please call.)	PAS Sample Number Accepted / Rejected
	Date	Time	Size	Type / No.			
MW1	11/18/99	2:40	40ml	1	1	BETX	A [] R []
MW2	11/18/99	12:50	1	1	1	BETX	A [] R []
MW3	11/18/99	1:00	↓	1	1	BETX	A [] R []
				1	1		A [] R []
				1	1		A [] R []
				1	1		A [] R []
				1	1		A [] R []
				1	1		A [] R []
				1	1		A [] R []
				1	1		A [] R []
				1	1		A [] R []
				1	1		A [] R []
				1	1		A [] R []
Size of Container	40 mL	125 mL	250 mL	500 mL	1000 mL	O - Other (Specify)	
Type of Container	G - Glass (Clear)	AG - Glass (Amber)	P - HDPE	VC - Volatile Core	SC - Soil Core	O - Other (Specify)	
M - Matrix Code	A - Aqueous	DW - Drinking Water	NA - Non-aqueous Liquid	SE - Saline Water	S - Solids	O - Other (Specify)	
P - Preservative Code	A - None	B - HNO ₃	C - H ₂ SO ₄	D - NaOH	E - HCl	O - Other (Specify)	
Relinquished By	Date	Time	Received By	Date	Time	Method of Shipment	
<i>Harry W. Chandler</i>	11/18	3:15	<i>D. Marchant</i>	11/18/99	1:55		
Special Instructions:							PAS Project Code

Electronic Filing: Received, Clerk's Office 09/18/2024

09/18/99

**Illinois Environmental Protection Agency
Leaking Underground Storage Tank Program
Laboratory Certification for Chemical Analysis**

A. Site Identification

IEMA Incident # (6 digit): 991372 IEPA Generator # (10 digit): _____
Site Name: Ayerco Station #14
Site Address (Not a P.O. Box): 430 Stanford
City: Springfield County: Sangamon

B. Sample Collector

I certify that:

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

C. Laboratory Representative

I certify that:

1. Proper chain of custody procedures were followed as documented on the chain of custody forms. SI
(initial)
2. Sample integrity was maintained by proper preservation. SI
(initial)
3. All samples were properly labeled. SI
(initial)
4. Quality assurance/quality control procedures were established and carried out. SI
(initial)
5. Sample holding times were not exceeded. SI
(initial)
6. SW-846 Analytical Laboratory Procedure (USEPA) methods were used for the analyses. SI
(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

Laboratory Representative

Name: Kyle Blumhorst
Title: Project Engineer
Company: CSD Environmental
Address: 2220 Yale Blvd
Springfield IL 62703
Phone: (217) 522-4085
Signature: Kyle W. Blumhorst
Date: 18 November 1999

Name: Stephen D. Johnson
Title: Laboratory Director
Company: Draic Analytical Systems, Inc.
Address: 1265 Capital Airport Drive
Springfield, IL 62707
Phone: (217) 753-1148
Signature: [Signature]
Date: 19 Nov 99

Appendix B

Boring Logs

LUST Incident #991372		Boring Number: B-1		Page <u>1</u> of <u>1</u>		
Site Name & Address: Ayerco #14 5th & Stanford		Boring Location:		Date: Start 5/14/99 Finish 5/14/99		
Sample Number	Sample Recovery	OVA/PI/DIF	Depth (ft)	Detailed Soil and Rock Description	A S T M	Remarks
1	100		0-6"	Concrete		
			6"-1.5'	Gravel, bricks, (fill)		
		16	1.5-3'	Black silty clay, soft , low plasticity (top soil)	OL	
			3-5'	Light brown mottled gray silty clay, firm, dry, medium plasticity	CL	Petro odor
2	100	14	5-5.5'	Green/Gray silty clay, high silt content, soft	MH	Wet @ 10' (BTEX sample @ 7.5'), strong Petro Odor
		300	5.5-10'			
3	100	143	10-11.5'	Dark brown mottled gray silty clay, firm, trace of fine sub angular sand, (till), high plasticity, wet, cohesive	MH	Petro odor
		189	11.5-15'			
<p>Note: Stratification Lines are Approximate: in - situ transition between soil types may be gradual.</p>						
Groundwater Data		Auger Depth <u>15'</u> Rig Type <u>CME 75</u>		<p>CSD Environmental Services, Inc.</p>		
Depth while Drilling <u>10'</u>		Rotary Depth _____				
Depth after Drilling _____		Driller <u>R. Howard</u> Geologist <u>M. Simmering</u>				
<p>Note: Boring backfilled unless otherwise noted.</p>						

LUST Incident #		Boring Number: B-2		Page <u>1</u> of <u>1</u>		
Site Name & Address: Ayerco #14 5th Stanford		Boring Location:		Date: Start 5/14/99 Finish 05/14/99		
Sample Number	Sample Recovery	OVAIPIDIFID	Depth (ft)	Detailed Soil and Rock Description	A S T M	Remarks
1	100		0-6"	Concrete		
			6"-1'	Brown sand		Base coarse
		11	1-3.5'	Black silty clay, firm, low plasticity (top soil)	OL	
			3.5-4.5'	Dark brown/gray silty clay, firm, dry medium plasticity	CL	Petro Odor
		83	4.5-6'	Petro stain greenish gray silty clay, firm, medium plasticity, dry	CL	(strong visual & odor)
2	100	409	6-8.5'	Light brown mottled gray silty clay, soft, high silt content, low plasticity, strong odor	MH	Wet @ 8.5' (BTEX sample @ 8')
3	100	829	8.5-12'		MH	
		576	12-13.5'	Dark brown silty clay, firm, high plasticity, cohesive, moist	CH	
4	100	20	13.5-15'	Brown silty clay, firm, high plasticity, trace of fine sub angular sand, moist, cohesive	CH	
Note: Stratification Lines are Approximate: in - situ transition between soil types may be gradual.						
Groundwater Data Depth while Drilling <u>8.5</u> Depth after Drilling _____		Auger Depth <u>15'</u> Rig Type <u>CME 75</u> Rotary Depth _____ Driller <u>R. Howard</u> Geologist <u>M. Simmering</u>			CSD Environmental Services, Inc.	
Note: Boring backfilled unless otherwise noted.						

LUST Incident #		Boring Number: B-3		Page <u>1</u> of <u>1</u>		
Site Name & Address: Ayerco #14 5th & Stanford		Boring Location:		Date: Start 05/14/99 Finish 05/14/99		
Sample Number	Sample Recovery	OVAIPIDIFID	Depth (ft)	Detailed Soil and Rock Description	A S T M	Remarks
1	100		0-6"	Concrete		
			6"-1.5'	Gravel, bricks, (fill)		
		160	1.5-3.5'	Black silty clay, firm, low plasticity (top soil)	OL	
			3.5-5'	Light brown mottled gray silty clay, firm, medium plasticity, dry	CL	(Petro Odor)
2	100	409	5-5.5'		CL	
		658	5.5-10'	Petro stain greenish gray silty clay, soft, low plasticity, high silt content	MH	Wet @ 8' (BTEX sample @ 7.5')
3	100	533	10-12.5'		MH	
		241	12.5-15'	Dark brown silty clay, firm, wet, high plasticity, cohesive	CH	(sheen on spoon), Strong Petro odor
		60				
<p>Note: Stratification Lines are Approximate: in - situ transition between soil types may be gradual.</p>						
Groundwater Data		Auger Depth <u>15'</u> Rig Type <u>CME 75</u>			CSD Environmental Services, Inc.	
Depth while Drilling <u>8'</u>		Rotary Depth _____				
Depth after Drilling _____		Driller <u>R. Howard</u> Geologist <u>M. Simmering</u>				
Note: Boring backfilled unless otherwise noted.						

LUST Incident # 991.72		Boring Number: B-4		Page <u>1</u> of <u>1</u>			
Site Name & Address: Ayerco #14 5th & Stanford Springfield, IL		Boring Location: Vacant Lot		Date: Start 6/16/99 Finish 6/16/99			
Sample Number	Sample Recovery	OVAIPIDIFID	Depth (ft)	Detailed Soil and Rock Description	A S T M	Remarks	
1	100		0-1.5'	Crushed stone, bricks		(fill)	
			10	1.5-3'	Black silty clay, soft, low plasticity, organics	OL	(top soil)
			103	3-5'	Petro stain gray silty clay, firm, moist, medium plasticity, visual & odor	CL	
Note: Stratification Lines are Approximate: in - situ transition between soil types may be gradual.							
Groundwater Data Depth while Drilling <u>N/A</u> Depth after Drilling _____		Auger Depth <u>5'</u> Rig Type <u>Semmco</u> Rotary Depth _____ Driller <u>Jim Cuthrie</u> Geologist <u>Marc Simmering</u>		CSD Environmental Services, Inc.			
				Note: Boring backfilled unless otherwise noted.			

LUST Incident # 991372

Boring Number: B-5

Page 1 of 1

Site Name & Address:
Ayerco #14
5th & Stanford
Springfield, IL

Boring Location:
Vacant Lot

Date: Start 6/16/99
Finish 6/16/99

Sample Number	Sample Recovery	OVA/PI/D/FID	Depth (ft)	Detailed Soil and Rock Description	A S T M	Remarks
1	90		0-1.5'	Crushed stone, bricks		(fill)
		ND	1.5-4'	Black silty clay, soft, low plasticity	OL	(top soil)
		ND	4-5'	Light brown mottled gray silty clay, firm, medium plasticity, dry, trace of iron stain, no visual & odor	CL	
2	100	ND	5-10'	Light brown mottled gray silty clay, firm, medium plasticity, dry, trace of iron stain, visual & odor	MH	Increasing to high silt content @ 8' Saturated @ 10' BTEX/PNA @ 10'
		113				
3	100	504	10-12.5'	Dark brown silty clay, firm, high plasticity, cohesive, moist	MH	
		83	12.5-15'			
		9				

Note: Stratification Lines are Approximate: in - situ transition between soil types may be gradual.

Groundwater Data

Depth while Drilling 10'
Depth after Drilling _____

Auger Depth 15' Rig Type Semmco
Rotary Depth _____
Driller Jim Cuthrie Geologist Marc Simmering

Note: Boring backfilled unless otherwise noted.

CSD Environmental Services, Inc.

LUST Incident # 991.72		Boring Number: B-6		Page <u>1</u> of <u>1</u>		
Site Name & Address: Ayerco #14 5th & Stanford Springfield, IL			Boring Location: Vacant Lot		Date: Start 6/16/99 Finish 6/16/99	
Sample Number	Sample Recovery	OVAIPIDIFID	Depth (ft)	Detailed Soil and Rock Description	ASTM	Remarks
1	100		0-8"	Asphalt with crushed stone		
		ND	8"-3'	Black silty clay, soft, low plasticity, organics	OL	(top soil)
		ND	3-5'	Light brown mottled gray silty clay, firm, medium plasticity, dry, trace of iron	CL	
2	75	ND	5-7'		CL	
		16	7-10'	Light brown mottled gray silty clay, high silt content, low plasticity, soft, visual & odor	MH	Wet @ 10' BTEX/PNA @ 10'
		283				
Note: Stratification Lines are Approximate: in - situ transition between soil types may be gradual.						
Groundwater Data			Auger Depth <u>10'</u> Rig Type <u>Semmco</u>		CSD Environmental Services, Inc.	
Depth while Drilling <u>10'</u>			Rotary Depth _____			
Depth after Drilling _____			Driller <u>Jim Cuthrie</u> Geologist <u>Marc Simmering</u>			
Note: Boring backfilled unless otherwise noted.						

LUST Incident # 991372

Boring Number: MW 1/SC 1

Page 1 of 1

Site Name & Address:
Ayerco #14
5th Stanford
Springfield, IL

Boring Location:
Southwest Property Corner

Date: Start 6/16/99
Finish 6/16/99

Sample Number	Sample Recovery	OVA/PID/FID	Depth (ft)	Detailed Soil and Rock Description	A S T M	Remarks
1	75		0-6"	Concrete		(Pavement)
		1	6"-3.5'	Black silty clay, soft, low plasticity, organics	OL	(top soil)
		18	3.5-5'	Greenish gray silty clay, firm, medium plasticity, dry, visual and odor	CL	
2	50		5-7'		CL	
		236	7-10'	Petro stain, gray silty clay, high silt content, soft, moist, strong visual and odor	MH	BTEX/PNA @ 10'
3	90	400	10-11.5'		MH	
		70	11.5-15'	Dark brown mottled gray silty clay, firm, high plasticity, cohesive, trace of iron stain		Saturated @ 12'
4	100	4	15-18'		MH	Tier II @ 15-16'
		3				
		1.9	18-20'	Dark gray silty clay, firm, trace of fine sub angular sand, moist, medium plasticity	CL	Site Class @ 17-18'
5	100	ND	20-25'	Brown sandstone, hard, fractured		
		ND				
6	100		25-26'			
7	100	ND	26-30'	Gray shale, waxy, fractured		
		ND				

Note: Stratification Lines are Approximate: in - situ transition between soil types may be gradual.

Groundwater Data
Depth while Drilling 12'
Depth after Drilling _____

Auger Depth 30' Rig Type Semmco
Rotary Depth _____
Driller Jim Cuthrie Geologist Marc Simmering

Note: Boring backfilled unless otherwise noted.

CSD Environmental Services, Inc.

LUST Incident # 991372		Boring Number: MW-2		Page <u>1</u> of <u>1</u>		
Site Name & Address: Ayerco #14 5th Stanford Springfield, IL.			Boring Location: Southwest Property Corner		Date: Start 06/16/99 Finish 06/16/99	
Sample Number	Sample Recovery	OVA/PI/DIFID	Depth (ft)	Detailed Soil and Rock Description	A S T M	Remarks
1	50		0-6"	Concrete		(pavement)
		96	6"-3.5'	Black silty clay, soft, low plasticity, organics	OL	(top soil)
		102	3.5-5'	Greenish gray silty clay, firm, medium plasticity, visual and odor	CL	
2	90	102	5-6.5'		CL	
		545	6.5-10'	Light brown mottled gray silty clay, soft, high silt content, low plasticity, visual and odor	MH	Moist @ 7.5' BTEX/PNA @ 7.5'
3	100	389	10-12.5'		MH	Wet
		38	12.5-15'	Dark gray silty clay, firm, high plasticity, cohesive.	CH	Moist
		17				
4	100	17	15-15.5'		CH	
		4	15.5-20'	Dark brown mottled gray silty clay, firm, high plasticity, cohesive, trace of fine sub angular sand	CH	
		3				
Note: Stratification Lines are Approximate: in - situ transition between soil types may be gradual.						
Groundwater Data Depth while Drilling <u>10'</u> Depth after Drilling _____			Auger Depth <u>20'</u> Rig Type <u>Semmco</u> Rotary Depth _____ Driller <u>Jim Cuthrie</u> Geologist <u>Marc Simmering</u> Note: Boring backfilled unless otherwise noted.			CSD Environmental Services, Inc.

LUST Incident # 991372		Boring Number: MW3		Page <u>1</u> of <u>1</u>		
Site Name & Address: Ayerco #14 5th & Stanford Springfield, IL		Boring Location: North Property Corner		Date: Start 06/16/99 Finish 06/16/99		
Sample Number	Sample Recovery	OVAIPID/FID	Depth (ft)	Detailed Soil and Rock Description	A S T M	Remarks
1	NR		0-6"	Concrete		(pavement)
		NR	6"-5'	Black silty clay, soft, low plasticity, organics		(top soil)
		NR				
2	75	404	5-10'	Light brown mottled gray silty clay, soft, low plasticity, high silt content, visual & odor	MH	Wet @ 8' BTEX/PNA @ 7.5'
3	100	117	10-10.5'		MH	
		4.5	10.5-15'	Dark brown/dark gray silty clay, firm, high plasticity, cohesive, no visual & odor, moist	CH	
		5				
Note: Stratification Lines are Approximate: in - situ transition between soil types may be gradual.						
Groundwater Data		Auger Depth <u>15'</u> Rig Type <u>Semmco</u>		CSD Environmental Services, Inc.		
Depth while Drilling <u>8'</u>		Rotary Depth _____				
Depth after Drilling _____		Driller <u>Jim Cuthrie</u> Geologist <u>Marc Simmering</u>				
Note: Boring backfilled unless otherwise noted.						

LUST Incident # 991372		Boring Number: MW-4		Page <u>1</u> of <u>1</u>		
Site Name & Address: Ayerco #14 5th & Stanford Springfield, IL		Boring Location: West Property Line of Vacant Lot		Date: Start 6/16/99 Finish 6/16/99		
Sample Number	Sample Recovery	OVAIPID\FID	Depth (ft)	Detailed Soil and Rock Description	A S T M	Remarks
1	100		0-6"	Asphalt & crushed stone		
		3	6"-3.5'	Black silty clay, soft, low plasticity, organics	OL	(top soil)
2	100	4.3	5-6.5'		CL	
		285	6.5-10'	Light brown mottled gray silty clay, high silt content, soft, low plasticity, visual & odor	MH	Saturated @ 9.5' BTEX/PNA @ 10'
3	100	401	10-11.5'		MH	
		63	11.5-15'	Dark brown mottled gray silty clay, firm, high plasticity, cohesive, moist, petro odor	CH	
		40				
Note: Stratification Lines are Approximate: in - situ transition between soil types may be gradual.						
Groundwater Data		Auger Depth <u>15'</u> Rig Type <u>Semmco</u>		CSD Environmental Services, Inc.		
Depth while Drilling <u>9.5'</u> Depth after Drilling _____		Rotary Depth _____ Driller <u>Jim Cuthrie</u> Geologist <u>Marc Simmering</u>				
				Note: Boring backfilled unless otherwise noted.		

LUST Incident # 991372		Boring Number: MW-14		Page <u>1</u> of <u>1</u>		
Site Name & Address: Ayerco #14 5th & Stanford Springfield, IL		Boring Location: Offsite, behind the new building.		Date: Start 8-20-01 Finish 8-20-01		
Sample Number	Sample Recovery	OVA/PI/D/FID	Depth (ft)	Detailed Soil and Rock Description	A S T M	Remarks
1	100	ND	0-1.5'	Crushed stone, bricks, fill material		(fill)
		ND	1.5-4'	Black silty clay, soft, low plasticity, organics	OL	(top soil)
		ND	4-5'	Light brown mottled gray silty clay, firm, medium plasticity, firm	CL	
2	100	ND	5-8'	Light brown mottled gray silty clay, firm, medium plasticity, dry, trace of iron stain, slight petroleum odor & staining from 9-12 feet.	MH	
		77 263	8-10'			
3	100	305	10-12.5'		MH	BTEX/PNA @ 11.5'
		71	12.5-15'	Dark brown silty clay, firm, high plasticity, cohesive	CH	
		0				
Note: Stratification Lines are Approximate: in - situ transition between soil types may be gradual.						
Groundwater Data Depth while Drilling <u>6.5'</u> Depth after Drilling _____		Auger Depth <u>15'</u> Rig Type <u>Geoprobe</u> Rotary Depth _____ Driller <u>Marc Simmering</u> Geologist <u>Rob McEvoy</u>			CSD Environmental Services, Inc.	
Note: Boring backfilled unless otherwise noted.						

LUST Incident # 991372		Boring Number: MW-15		Page <u>1</u> of <u>1</u>		
Site Name & Address: Ayerco #14 5th & Stanford Springfield, IL		Boring Location: Offsite, to the west.		Date: Start 8-20-01 Finish 8-20-01		
Sample Number	Sample Recovery	OVA/PI/D/FID	Depth (ft)	Detailed Soil and Rock Description	A S T M	Remarks
1	100	ND	0-1.5'	Crushed stone, gravel, fill material		(fill)
		ND	1.5-4'	Black silty clay, soft, low plasticity, organics	OL	(top soil)
		ND	4-5'	Light brown mottled gray silty clay, firm, medium plasticity, firm	CL	
2	100	10 68	5-8'	Light brown mottled gray silty clay, firm, medium plasticity, dry, petroleum odor & staining from 9-11 feet.	MH	
		155 373	8-10'			
3	100	572	10-12.5'		MH	BTEX/PNA @ 10.5'
		22	12.5-15'	Dark brown silty clay, firm, high plasticity, cohesive	CH	
		0				
Note: Stratification Lines are Approximate: in - situ transition between soil types may be gradual.						
Groundwater Data		Auger Depth <u>15'</u> Rig Type <u>Geoprobe</u>		CSD Environmental Services, Inc.		
Depth while Drilling <u>7.5'</u>		Rotary Depth _____				
Depth after Drilling _____		Driller <u>Marc Simmering</u> Geologist <u>Rob McEvoy</u>				
Note: Boring backfilled unless otherwise noted.						

LUST Incident # 991372		Boring Number: MW-16		Page <u>1</u> of <u>1</u>		
Site Name & Address: Ayerco #14 5th & Stanford Springfield, IL		Boring Location: Offsite, to the northwest across Stanford Ave.		Date: Start 8-20-01 Finish 8-20-01		
Sample Number	Sample Recovery	OVA/PI/DIF/ID	Depth (ft)	Detailed Soil and Rock Description	A S T M	Remarks
1	100	ND	0-0.5'	Concrete		
		ND	0.5-4'	Black silty clay, soft, low plasticity, organics.	OL	(top soil)
		500 412	4-5'	Light brown mottled gray silty clay, firm, medium plasticity, firm, slight odor.	CL	BTEX/PNA @ 4.5'
2	100	12 10	5-8'	Light brown mottled gray silty clay, firm, medium plasticity, wet 10-12 feet.	MH	
		ND ND	8-10'			
3	100	ND	10-12.5'	Dark brown silty clay, firm, high plasticity, cohesive.	MH	
		ND	12.5-15'		CH	
		ND				
Note: Stratification Lines are Approximate: in - situ transition between soil types may be gradual.						
Groundwater Data Depth while Drilling <u>4.5'</u> Depth after Drilling _____		Auger Depth <u>15'</u> Rig Type <u>Geoprobe</u> Rotary Depth _____ Driller <u>Marc Simmering</u> Geologist <u>Rob McEvoy</u>			CSD Environmental Services, Inc.	
		Note: Boring backfilled unless otherwise noted.				

LUST Incident # 991372		Boring Number: MW-17		Page <u>1</u> of <u>1</u>		
Site Name & Address: Ayerco #14 5th & Stanford Springfield, IL		Boring Location: Offsite, to the north across Stanford Ave.		Date: Start 8-20-01 Finish 8-20-01		
Sample Number	Sample Recovery	OVA/IPID/FID	Depth (ft)	Detailed Soil and Rock Description	A S T M	Remarks
1	100	ND	0-0.5'	Concrete		
		ND	0.5-4.5'	Black silty clay, soft, low plasticity, organics.	OL	(top soil)
		ND ND	4.5-6'	Light brown mottled gray silty clay, firm, medium plasticity, firm, slight odor.	CL	
2	100	ND ND	6-8.5'	Light brown mottled gray silty clay, medium plasticity, wet and soft 6-8 feet. Getting firm again at 8 feet.	MH	BTEX/PNA @ 6.5'
		ND ND	8.5-10'			
3	100	ND	10-12'		MH	
		ND	12-15'	Dark brown silty clay, firm, high plasticity, cohesive, high clay content.	CH	
		ND				
Note: Stratification Lines are Approximate: in - situ transition between soil types may be gradual.						
Groundwater Data Depth while Drilling <u>6.5'</u> Depth after Drilling _____		Auger Depth <u>15'</u> Rig Type <u>Geoprobe</u> Rotary Depth _____ Driller <u>Marc Simmering</u> Geologist <u>Rob McEvoy</u>			CSD Environmental Services, Inc.	
Note: Boring backfilled unless otherwise noted.						


LUST Incident # 991372		Boring Number: MW-18		Page <u>1</u> of <u>1</u>		
Site Name & Address: Ayerco #14 5th & Stanford Springfield, IL		Boring Location: Offsite, to the northeast across 5 th St.		Date: Start 8-20-01 Finish 8-20-01		
Sample Number	Sample Recovery	OVAIPIDIFID	Depth (ft)	Detailed Soil and Rock Description	A S T M	Remarks
1	100	ND	0-1.5'	Concrete and fill.		
		ND	1.5-4'	Black silty clay, soft, low plasticity, organics.	OL	(top soil)
		ND ND	4-6'	Light brown mottled gray silty clay, firm, medium plasticity, firm.	CL	BTEX/PNA @ 5'
2	100	ND ND	6-8'	Light brown mottled gray silty clay, medium plasticity, firm.	MH	
		ND ND	8-10'			
3	100	ND	10-12'	Dark brown silty clay, firm, high plasticity, cohesive, trace of sand and gravel particles.	MH	
		ND	12-15'			
		ND				
Note: Stratification Lines are Approximate: in - situ transition between soil types may be gradual.						
Groundwater Data Depth while Drilling <u>5.0'</u> Depth after Drilling _____		Auger Depth <u>15'</u> Rig Type <u>Geoprobe</u> Rotary Depth _____ Driller <u>Marc Simmering</u> Geologist <u>Rob McEvoy</u>		CSD Environmental Services, Inc.		
Note: Boring backfilled unless otherwise noted.						

LUST Incident # 991372		Boring Number: MW-19		Page <u>1</u> of <u>1</u>		
Site Name & Address: Ayerco #14 5th & Stanford Springfield, IL		Boring Location: To the east of the tank system.		Date: Start 8-20-01 Finish 8-20-01		
Sample Number	Sample Recovery	OVA/PID/FID	Depth (ft)	Detailed Soil and Rock Description	A S T M	Remarks
1	100	ND	0-1.5'	Concrete and fill.		
		ND	1.5-4'	Black silty clay, soft, low plasticity, organics.	OL	(top soil)
		ND ND	4-6'	Light brown mottled gray silty clay, firm, medium plasticity, firm.	CL	
2	100	ND ND	6-8'	Light brown mottled gray silty clay, medium plasticity, firm.	MH	BTEX/PNA @ 6'
		ND ND	8-10'			
3	100	ND	10-12'		MH	
		ND	12-15'	Dark brown silty clay, firm, high plasticity.	CH	
		ND				
Note: Stratification Lines are Approximate: in - situ transition between soil types may be gradual.						
Groundwater Data		Auger Depth <u>15'</u> Rig Type <u>Geoprobe</u>			CSD Environmental Services, Inc.	
Depth while Drilling <u>6.0'</u>		Rotary Depth _____				
Depth after Drilling _____		Driller <u>Marc Simmering</u> Geologist <u>Rob McEvoy</u>				
Note: Boring backfilled unless otherwise noted.						

CLIENT: Ayerco #14		PROJECT: 991372		PAGE: 1 of 1
LOCATION: Stanford Avenue		BORING #: B-13		DATE: 9/19/2007
				GROUND ELEV:

SAMPLING				DETAILED SOIL & ROCK DESCRIPTION	OVA / PID	ASTM CL.	WELL DETAILS	REMARKS:
Water Level	Recovery	Sample ID	Depth (feet)					
	X	B-13	1	Dark gray to black silty clay loam topsoil; firm and plastic.	3	CL		MODERN SOIL
			2		16			
			3		70			
			4	Gray mottled brown silty clay; firm & plastic.	109	CL		PEORIA LOESS
			5	Becoming a pure silt; soft to firm, non-plastic.	246	ML		ROXANNA SILT
			6		297			
			7	High moisture.	286	ML		
			8		298			
			E.O.B.					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					


NOTE: Stratification lines are approximate; in-situ transition between soil types may be gradual.

GROUNDWATER DATA		Auger Depth: <u>8'</u> Rig type: <u>AMS</u>	 <p>CSD ENVIRONMENTAL SERVICES, INC. 2220 YALE BOULEVARD - SPRINGFIELD, ILLINOIS - (217) 522-4085</p>
▼ Depth While Drilling: <u>7.5'</u>	Driller: <u>HDR</u> Geologist: <u>BH</u>		
▽ Depth After Drilling: <u> </u>	Coordinates: <u> </u>		

CLIENT: Ayerco #14	PROJECT: 991372	PAGE: 1 of 1
LOCATION: Stanford Avenue	BORING #: B-14	DATE: 9/19/2007
		GROUND ELEV:

SAMPLING				DETAILED SOIL & ROCK DESCRIPTION	OVA / PID	ASTM CL.	WELL DETAILS	REMARKS:
Water Level	Recovery	Sample ID	Depth (feet)					
	X	B-14	1	Dark gray to black silty clay loam topsoil.	16	CL		MODERN SOIL
	X		2					
	X		3		55	CL		PEORIA LOESS
	X		4	Gray mottled brown silty clay; firm & plastic.				
			5		130	ML		ROXANNA SILT
			6	Light gray mottled brown firm silt.				
			7		158	ML		
			8	Becoming soft and wet.				
			E.O.B.	339				
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					


NOTE: Stratification lines are approximate; in-situ transition between soil types may be gradual.

GROUNDWATER DATA	Auger Depth: <u>8'</u> Rig type: <u>AMS</u>	 CSD ENVIRONMENTAL SERVICES, INC. 2220 YALE BOULEVARD - SPRINGFIELD, ILLINOIS - (217) 522-6063
	Depth While Drilling: <u>8'</u> Depth After Drilling: _____	

CLIENT: Ayerco #14	PROJECT: 991372	PAGE: 1 of 1
LOCATION: Stanford Avenue	BORING #: B-15	DATE: 9/19/2007
		GROUND ELEV:

SAMPLING				DETAILED SOIL & ROCK DESCRIPTION	OVA / PID	ASTM CL.	WELL DETAILS	REMARKS:
Water Level	Recovery	Sample ID	Depth (feet)					
	X		1	Backfill - coarse sand & gravel.	4	SW		BACKFILL
			2		190			
			3		140			
	X		4	Backfill - coarse gravel.		GW		
	X		5		124			
	X	B-15	6		372			
			7		390			
			8	Saturated.	271	GW		
			9	E.O.B.				
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					


NOTE: Stratification lines are approximate; in-situ transition between soil types may be gradual.

GROUNDWATER DATA	Auger Depth: <u>8'</u> Rig type: <u>AMS</u>	 <p>CSD ENVIRONMENTAL SERVICES, INC. 2220 YALE BOULEVARD - SPRINGFIELD, ILLINOIS - (217) 522-6085</p>
▼ Depth While Drilling: <u>7.5'</u>	Driller: <u>HDR</u> Geologist: <u>BH</u>	
∇ Depth After Drilling: _____	Coordinates: _____	

CLIENT: Ayerco #14	PROJECT: 991372	PAGE: 1 of 1
LOCATION: Stanford Avenue	BORING #: B-16	DATE: 9/19/2007
		GROUND ELEV:

SAMPLING				DETAILED SOIL & ROCK DESCRIPTION	OVA / PID	ASTM CL.	WELL DETAILS	REMARKS:
Water Level	Recovery	Sample ID	Depth (feet)					
	X	B-16	1	Concrete, sand, and gravel topfill.	13	GW		PEORIA LOESS
	X		2					
	X		3	Gray mottled brown silty clay; firm & plastic.	31	CL		
	X		4					
			5	Gray mottled brown pure silt; firm and non-plastic.	26	ML		
			6					
			7					
			8	E.O.B.	158			
		9		332				
		10		335				
		11						
		12						
		13						
		14						
		15						
		16						
		17						
		18						
		19						
		20						


NOTE: Stratification lines are approximate; in-situ transition between soil types may be gradual.

GROUNDWATER DATA		Auger Depth: <u>8'</u> Rig type: <u>AMS</u>	 <p>CSD ENVIRONMENTAL SERVICES, INC. 2220 YALE BOULEVARD - SPRINGFIELD, ILLINOIS - (217) 523-4085</p>
▼ Depth While Drilling: <u>N/A</u>	Driller: <u>HDR</u> Geologist: <u>BH</u>		
∇ Depth After Drilling: _____	Coordinates: _____		

CLIENT: Ayerco #14	PROJECT: 991372	PAGE: 1 of 1
LOCATION: Stanford Avenue	BORING #: B-17	DATE: 9/19/2007
		GROUND ELEV:

SAMPLING				DETAILED SOIL & ROCK DESCRIPTION	OVA / PID	ASTM CL.	WELL DETAILS	REMARKS:
Water Level	Recovery	Sample ID	Depth (feet)					
	X	B-17	1	Gray mottled brown pure silt; non-plastic.	97 109	ML		ROXANNA SILT
	X		2					
	X		3					
	X		4					
	X		5					
	X		6					
			7	Well-sorted fine sand; petroleum odor.	331	SP		
			8	Saturated.	247			
			E.O.B.					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					


NOTE: Stratification lines are approximate; in-situ transition between soil types may be gradual.

GROUNDWATER DATA	Auger Depth: <u>8'</u> Rig type: <u>AMS</u>	 CSD ENVIRONMENTAL SERVICES, INC. 2220 YALE BOULEVARD - SPRINGFIELD, ILLINOIS - (217) 522-4085
▼ Depth While Drilling: <u>7.5'</u>	Driller: <u>HDR</u> Geologist: <u>BH</u>	
▽ Depth After Drilling: _____	Coordinates: _____	

CLIENT: Ayerco #14	PROJECT: 991372	PAGE: 1 of 1
LOCATION: Stanford Avenue	BORING #: B-18	DATE: 9/19/2007
		GROUND ELEV:

SAMPLING				DETAILED SOIL & ROCK DESCRIPTION	OVA / PID	ASTM CL.	WELL DETAILS	REMARKS:
Water Level	Recovery	Sample ID	Depth (feet)					
	X	B-18	1	Dark gray to black silty clay loam topsoil; firm & plastic.	367			MODERN SOIL
			2		94			
			3		46			
			4	Gray mottled brown silty clay; firm & plastic.	105			PEORIA LOESS
			5		293			
			6	Gray mottle brown pure silt; firm.	337			ROXANNA SILT
			7		347			
			8	Increasing moisture.	384			
			E.O.B.					
			9					
			10					
			11					
			12					
			13					
			14					
			15					
			16					
			17					
			18					
			19					
			20					

NOTE: Stratification lines are approximate; in-situ transition between soil types may be gradual.


GROUNDWATER DATA	Auger Depth: <u>8'</u> Rig type: <u>AMS</u>	 CSD ENVIRONMENTAL SERVICES, INC. 2220 YALE BOULEVARD - SPRINGFIELD, ILLINOIS - (217) 522-4085
	▼ Depth While Drilling: <u>8'</u> Driller: <u>HDR</u> Geologist: <u>BH</u>	
	∇ Depth After Drilling: _____ Coordinates: _____	

LUST Incident # 991372		Boring Number: MW-15		Page <u>1</u> of <u>1</u>		
Site Name & Address: Ayerco #14 5th & Stanford Springfield, IL		Boring Location: Offsite, to the west.		Date: Start 8-20-01 Finish 8-20-01		
Sample Number	Sample Recovery	OVA/PID/FID	Depth (ft)	Detailed Soil and Rock Description	A S T M	Remarks
1	100	ND	0-1.5'	Crushed stone, gravel, fill material		(fill)
		ND	1.5-4'	Black silty clay, soft, low plasticity, organics	OL	(top soil)
		ND	4-5'	Light brown mottled gray silty clay, firm, medium plasticity, firm	CL	
2	100	10 68	5-8'	Light brown mottled gray silty clay, firm, medium plasticity, dry, petroleum odor & staining from 9-11 feet.	MH	
		155 373	8-10'			
3	100	572	10-12.5'		MH	BTEX/PNA @ 10.5'
		22	12.5-15'	Dark brown silty clay, firm, high plasticity, cohesive	CH	
		0				
Note: Stratification Lines are Approximate: in - situ transition between soil types may be gradual.						
Groundwater Data		Auger Depth <u>15'</u> Rig Type <u>Geoprobe</u>		CSD Environmental Services, Inc.		
Depth while Drilling <u>7.5'</u>		Rotary Depth _____				
Depth after Drilling _____		Driller <u>Marc Simmering</u> Geologist <u>Rob McEvoy</u>				
Note: Boring backfilled unless otherwise noted.						

CLIENT: Ayerco #14	PROJECT: 991372	PAGE: 1 of 1
LOCATION: Stanford Avenue	BORING #: MW-20	DATE: 9/20/2007
		GROUND ELEV:

SAMPLING				DETAILED SOIL & ROCK DESCRIPTION	OVA / PID	ASTM CL.	WELL DETAILS	REMARKS:
Water Level	Recovery	Sample ID	Depth (feet)					
	X X		1	Black silty clay loam topsoil; firm & plastic.	ND	CL	[Pattern]	MODERN SOIL
			2		ND		[Pattern]	
			3		ND		[Pattern]	
			4	Gray mottled brown silty clay.	ND	CL	[Pattern]	PEORIA LOESS
			5		ND		[Pattern]	
		MW-20	6	Gray mottled brown silt with petroleum stain; firm, non-plastic.	ND	ML	[Pattern]	ROXANNA SILT
			7		9		[Pattern]	
			8	High dilatency.	264	ML	[Pattern]	
			9		365		[Pattern]	
			10	Increasing clay content.	357	ML / CL	[Pattern]	
			11		228		[Pattern]	
			12	Dark brown silty clay; firm, wet, and highly plastic.	6	CL	[Pattern]	VANDALIA TILL
			13		2		[Pattern]	
			14		5		[Pattern]	
			15		1		[Pattern]	
			16		1		[Pattern]	
			17	E.O.B.			[Pattern]	
			18				[Pattern]	
			19				[Pattern]	
			20				[Pattern]	

NOTE: Stratification lines are approximate; in-situ transition between soil types may be gradual.


GROUNDWATER DATA	Auger Depth: <u>16'</u> Rig type: <u>AMS</u>	 CSD ENVIRONMENTAL SERVICES, INC. 2220 YALE BOULEVARD - SPRINGFIELD, ILLINOIS - (217) 522-0085
▼ Depth While Drilling: <u>8'</u>	Driller: <u>HDR</u> Geologist: <u>BH</u>	
▽ Depth After Drilling: _____	Coordinates: _____	

000220

CLIENT: Ayerco #14	PROJECT: 991372	PAGE: 1 of 1
LOCATION: Stanford Avenue	BORING #: MW-21	DATE: 9/20/2007
		GROUND ELEV:

SAMPLING				DETAILED SOIL & ROCK DESCRIPTION	OVA / PID	ASTM CL.	WELL DETAILS	REMARKS:	
Water Level	Recovery	Sample ID	Depth (feet)						
	X X	MW-21	1	Black silty clay loam topsoil; firm & plastic.	7.0	CL		MODERN SOIL	
			2			18			
			3			40			
			4	Light gray mottled brown silt with trace clay content.		35	ML / CL		PEORIA LOESS
			5			269			
			6			325			
			7	Grading to a pure silt.		349	ML		ROXANNA SILT
			8	High moisture.		300	ML		
			9			215			
			10			35			
			11	Dark brown silty clay; firm, wet, and highly plastic.		15	CL		VANDALIA TILL
			12			5			
			13			148			
			14			10			
			15			4			
			16			2			
				17	E.O.B.				
				18					
				19					
				20					


NOTE: Stratification lines are approximate; in-situ transition between soil types may be gradual.

GROUNDWATER DATA	Auger Depth: <u>16'</u> Rig type: <u>AMS</u>	 CSD ENVIRONMENTAL SERVICES, INC. 2220 YALE BOULEVARD - SPRINGFIELD, ILLINOIS - (217) 522-4085
▼ Depth While Drilling: <u>8'</u>	Driller: <u>HDR</u> Geologist: <u>BH</u>	
∇ Depth After Drilling: _____	Coordinates: _____	

CLIENT: Ayerco #14	PROJECT: 991372	PAGE: 1 of 1
LOCATION: Stanford Avenue	BORING #: MW-22	DATE: 9/20/2007
		GROUND ELEV:

SAMPLING				DETAILED SOIL & ROCK DESCRIPTION	OVA / PID	ASTM CL.	WELL DETAILS	REMARKS:
Water Level	Recovery	Sample ID	Depth (feet)					
	X X		1	Backfill - loose, dry, silty clay.	ND	ML / CL		BACKFILL
			2					
			3					
			4					
	X X		5	Backfill - same as above; slightly cohesive.	ND	ML / CL		
			6					
▼		MW-22	7	Backfill - wet, plastic, silty clay.	ND	ML / CL		
			8					
	X X X		9	Backfill - same as above.	ND	ML / CL		
			10					
			11					
	X X X		12	Backfill - CA-6 gravel.	ND	GW		
			13					
			14					
			15	E.O.B.	ND			
			16					
			17					
			18					
			19					
			20					

NOTE: Stratification lines are approximate; in-situ transition between soil types may be gradual.


GROUNDWATER DATA	Auger Depth: <u>16'</u> Rig type: <u>AMS</u>	 CSD ENVIRONMENTAL SERVICES, INC. 2220 YALE BOULEVARD - SPRINGFIELD, ILLINOIS - (217) 522-6085
▼ Depth While Drilling: <u>7.25'</u>	Driller: <u>HDR</u> Geologist: <u>BH</u>	
∇ Depth After Drilling: _____	Coordinates: _____	

000222

CLIENT: Ayerco #14	PROJECT: 991372	PAGE: 1 of 1
LOCATION: Stanford Avenue	BORING #: MW-23	DATE: 9/20/2007
		GROUND ELEV:

SAMPLING				DETAILED SOIL & ROCK DESCRIPTION	OVA / PID	ASTM CL.	WELL DETAILS	REMARKS:
Water Level	Recovery	Sample ID	Depth (feet)					
	X		1	Black silty clay loam topsoil; firm & plastic.	ND	CL		MODERN SOIL
			2		ND			
		TIER 2A	3	Gray mottled brown silty clay.	ND	CL		Physical soil sample (TIER 2A). PEORIA LOESS
			4		ND			
			5		ND			
		MW-23 TIER 2B	6	Gray mottled brown pure silt; firm and non-plastic.	ND	ML		ROXANNA SILT Physical soil sample (TIER 2B).
			7		ND			
			8	High moisture.	ND	ML		
			9		ND			
			10	Dark brown silty clay; firm, wet, and highly plastic.	ND	CL		VANDALIA TILL
			11		ND			
			12		ND			
			13		ND			
			14		ND			
			15		ND			
			16	E.O.B.	ND			
			17					
			18					
			19					
			20					

NOTE: Stratification lines are approximate; in-situ transition between soil types may be gradual.

GROUNDWATER DATA		Auger Depth: <u>16'</u> Rig type: <u>AMS</u>	 CSD ENVIRONMENTAL SERVICES, INC. 2220 YALE BOULEVARD - SPRINGFIELD, ILLINOIS - (217) 522-4063
▼ Depth While Drilling: <u>8'</u>	Driller: <u>HDR</u> Geologist: <u>BH</u>		
▽ Depth After Drilling: _____	Coordinates: _____		

000223

Appendix C

Monitoring Well Completion Diagrams

Incident No.: 991372 Well No.: MW-1
 Site Name: Averco #14 Date Drilled Start: 6/17/99
 Drilling Contractor: Inland Environmental Date Completed: Same
 Driller: Jim Guthrie Geologist: M. Simmering
 Drilling Method: 3.25 ID Hollow Stem Auger Drilling Fluids (type): NONE

Annular Space Details

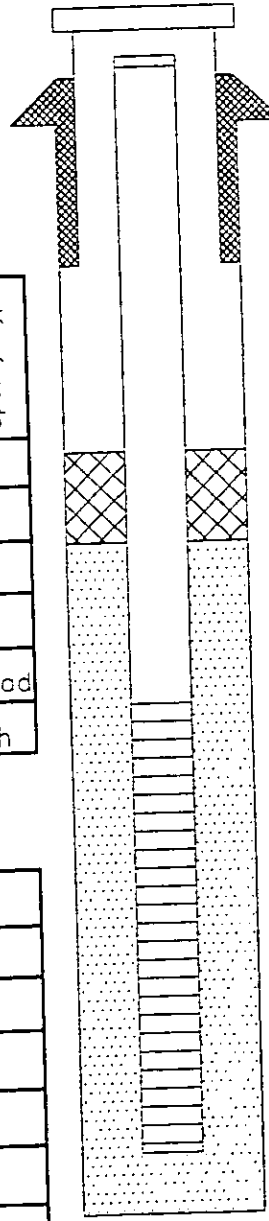
Type of Surface Seal: Pre-Mix Concrete/Portland
 Type of Annular Sealant: Bentonite Chips
 Type of Bentonite Seal (Granular, Pellet): pellet
 Type of Sand Pack: Silice

Elevations—.01 ft.

101.23 ft. Top of Protective Casing
100.98 ft. Top of Riser Pipe
101.15 ft. Ground Surface
101.23 ft. Top of Annular Sealant
Flush Casing Stickup

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint			
Riser pipe above w.t.		Sch.40	
Riser pipe below w.t.		Sch.40	
Screen		Sch.40	
Coupling joint screen to riser			Thread
Protective casing			Flush



2 ft. Top of Seal
1.5 ft. Total Seal Interval
3.5 ft. Top of Sand
5 ft. Top of Screen
10 ft. Total Screen Interval
15 ft. Bottom of Screen
15 ft. Bottom of Borehole

Measurements to .01 ft (where applicable)

Riser pipe length	5 feet
Screen length	10 feet
Screen slot size	0.010 inches
Protective casing length	8 inches
Depth to water	6.88 feet
Elevation of Water	94.10 feet
Seal Product thickness	None
Spuds removed (develop)	
Spuds removed (purge)	
Other	

Completed by: J. Reagon

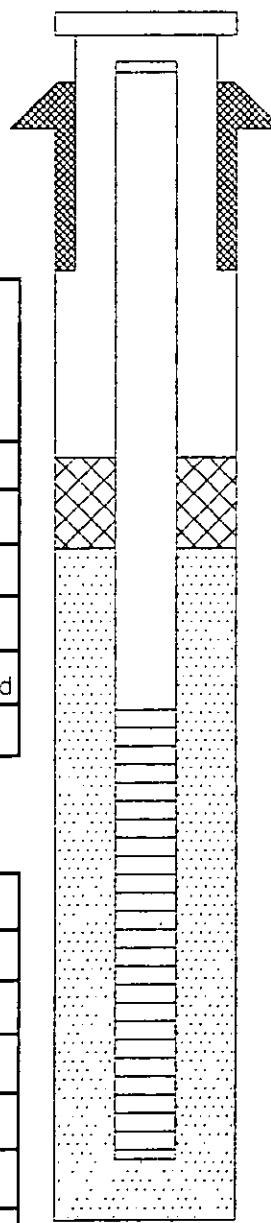
Incident No.: 991372 Well No.: MW-2
 Site Name: Averco #14 Date Drilled Start: 6/17/99
 Drilling Contractor: Inland Environmental Date Completed: Same
 Driller: Jim Cuthrie Geologist: M. Simmering
 Drilling Method: 3.25 ID Hollow Stem Auger Drilling Fluids (type): NONE

Annular Space Details

Elevations—.01 ft.

Type of Surface Seal: Pre-Mix Concrete/Portland
 Type of Annular Sealant: Bentonite Chips
 Type of Bentonite Seal (Granular, Pellet):
Pellet
 Type of Sand Pack: Silica

101.25 ft. Top of Protective Casing
101.00 ft. Top of Riser Pipe
101.17 ft. Ground Surface
101.25 ft. Top of Annular Sealant
Flush Casing Stickup



2 ft. Top of Seal
1.5 ft. Total Seal Interval
3.5 ft. Top of Sand
5 ft. Top of Screen
10 ft. Total Screen Interval
15 ft. Bottom of Screen
15 ft. Bottom of Borehole

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint			
Riser pipe above w.t.		Sch.40	
Riser pipe below w.t.		Sch.40	
Screen		Sch.40	
Coupling joint screen to riser			Thread
Protective casing			Flush

Measurements

to .01 ft (where applicable)

Riser pipe length	5 feet
Screen length	10 feet
Screen slot size	0.010 inches
Protective casing length	8 inches
Depth to water	6.31 feet
Elevation of Water	94.69 feet
Free Product thickness	None
Gallons removed (develop)	
Gallons removed (source)	
Other	

Completed by: J. Regan

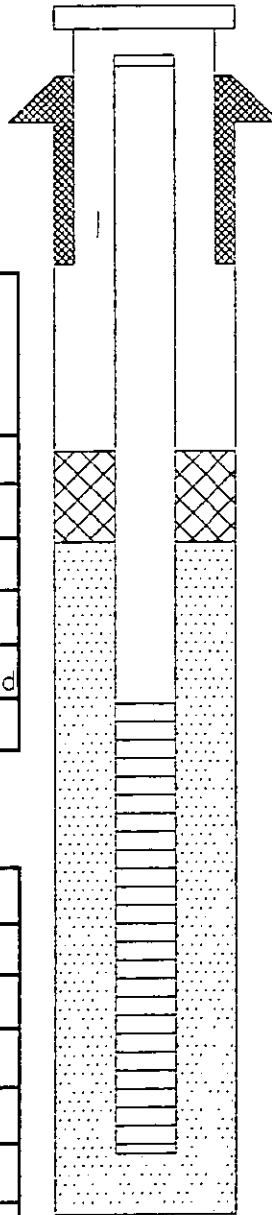
Incident No.: 991372 Well No.: MW-3
 Site Name: Averco #14 Date Drilled Start: 5/17/99
 Drilling Contractor: Inland Environmental Date Completed: Same
 Driller: Jim Cuthrie Geologist: M. Simmering
 Drilling Method: 3.25 ID Hollow Stem Auger Drilling Fluids (type): NONE

Annular Space Details

Type of Surface Seal: Pre-Mix Concrete/Portland
 Type of Annular Sealant: Bentonite Chios
 Type of Bentonite Seal (Granular, Pellet):
Pellet
 Type of Sand Pack: Silica

Elevations-.01 ft.

99.98 ft. Top of Protective Casing
99.73 ft. Top of Riser Pipe
99.90 ft. Ground Surface
99.98 ft. Top of Annular Sealant
Flush Casing Stickup



2 ft. Top of Seal
1.5 ft. Total Seal Interval
3.5 ft. Top of Sand
5 ft. Top of Screen
10 ft. Total Screen Interval
15 ft. Bottom of Screen
15 ft. Bottom of Borehole

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint			
Riser pipe above w.t.		Sch.40	
Riser pipe below w.t.		Sch.40	
Screen		Sch.40	
Coupling joint screen to riser			Thread
Protective casing			Flush

Measurements

to .01 ft (where applicable)

Riser pipe length	5 feet
Screen length	10 feet
Screen slot size	0.010 inches
Protective casing length	8 inches
Depth to water	5.98 feet
Elevation of Water	93.75 feet
Free Product thickness	None
Gallons removed (develop)	
Gallons removed (pource)	
Other	

Completed by: J. Regan

Incident No.: 991372 Well No.: MW-4
 Site Name: Averco #14 Date Drilled Start: 6/17/99
 Drilling Contractor: Inland Environmental Date Completed: Same
 Driller: Jim Cuthrie Geologist: M. Simmering
 Drilling Method: 3.25 ID Hollow Stem Auger Drilling Fluids (type): NONE

Annular Space Details

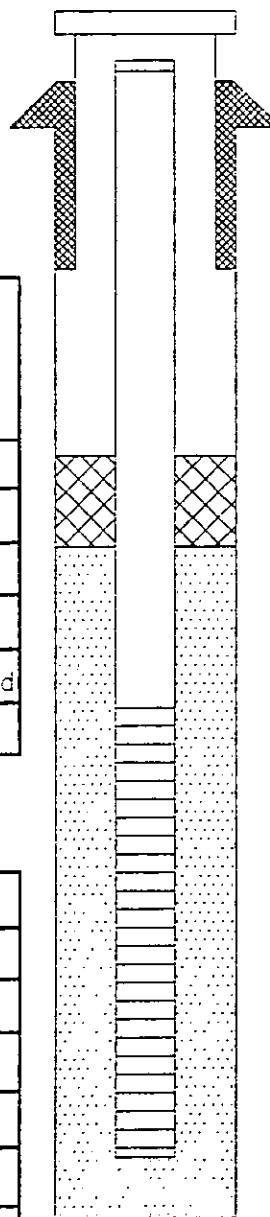
Type of Surface Seal: Pre-Mix Concrete/Portland
 Type of Annular Sealant: Bentonite Chips
 Type of Bentonite Seal (Granular, Pellet):
Pellet
 Type of Sand Pack: Silica

Elevations—.01 ft.

99.75 ft. Top of Protective Casing
99.50 ft. Top of Riser Pipe
99.67 ft. Ground Surface
99.75 ft. Top of Annular Sealant
Flush Casing Stickup

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint			
Riser pipe above w.t.		Sch.40	
Riser pipe below w.t.		Sch.40	
Screen		Sch.40	
Coupling joint screen to riser			Thread
Protective casing			Flush



2 ft. Top of Seal
1.5 ft. Total Seal Interval
3.5 ft. Top of Sand
5 ft. Top of Screen
10 ft. Total Screen Interval
15 ft. Bottom of Screen
15 ft. Bottom of Borehole

Measurements

to .01 ft (where applicable)

Riser pipe length	5 feet
Screen length	10 feet
Screen slot size	0.010 inches
Protective casing length	8 inches
Depth to water	5.69 feet
Elevation of Water	93.81 feet
Free Product thickness	None
Gallons removed (develop)	
Gallons removed (purge)	
Other	

Completed by: J. Regan

CSD Environmental Services, Inc. LUST Well Completion Report

Incident No.: 991372 Well No.: MW-10
 Site Name: AYERCO #14 - STANFORD Date Drilled Start: 2-28-00
 Drilling Contractor: HDR Date Completed: 2-28-00
 Driller: M. SIMMERING Geologist: B. Hargrave
 Drilling Method: H.S.A. Drilling Fluids (type): NONE

Annular Space Details

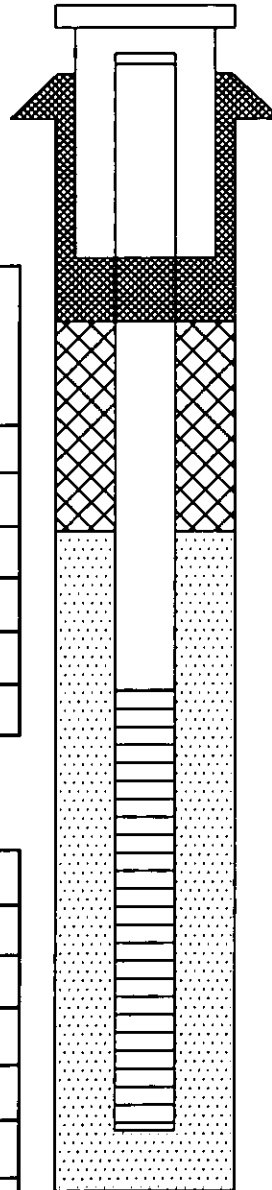
Type of Surface Seal: CONCRETE
 Type of Annular Sealant: CONCRETE
 Type of Bentonite Seal (Granular, Pellet): BENTONITE CHIPS
 Type of Sand Pack: SILICA SAND

Elevations—.01 ft.

602.29' Top of Protective Casing
602.04' Top of Riser Pipe
602.29' Ground Surface
601.79' Top of Annular Sealant
FLUSH Casing Stickup

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Sch 40	
Riser pipe above w.t.		Sch 40	
Riser pipe below w.t.		Sch 40	
Screen		Sch 40	
Coupling joint screen to riser		Sch 40	
Protective casing			Alum



2' Top of Seal (bgs)
1' Total Seal Interval
3' Top of Sand(bgs)
5' Top of Screen(bgs)
10' Total Screen Interval
15' Bottom of Screen(bgs)
15' Bottom of Borehole(bgs)

Measurements to .01 ft (where applicable)

Riser pipe length	5'
Screen length	10'
Screen slot size	0.010 INCHES
Protective casing length	8.0 INCHES
Depth to water	-
Elevation of Water	-
Free Product thickness	-
Gallons removed (develop)	UNKNOWN
Gallons removed (purge)	UNKNOWN
Other	

Completed by: B. Hargrave 000229

CSD Environmental Services, Inc. LUST Well Completion Report

Incident No.: 991372 Well No.: MW-11
 Site Name: AYERCO #14 - STANFORD Date Drilled Start: 2-28-00
 Drilling Contractor: HDR Date Completed: 2-28-00
 Driller: M. SIMMERING Geologist: B. Hargrave
 Drilling Method: H.S.A. Drilling Fluids (type): NONE

Annular Space Details

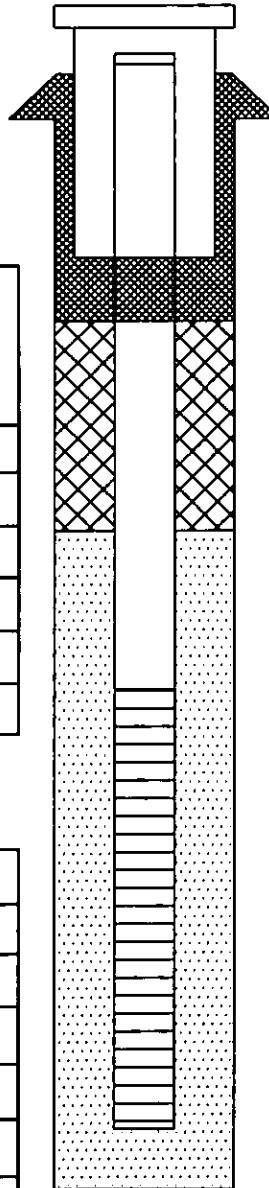
Type of Surface Seal: CONCRETE
 Type of Annular Sealant: CONCRETE
 Type of Bentonite Seal (Granular, Pellet): BENTONITE CHIPS
 Type of Sand Pack: SILICA SAND

Elevations—.01 ft.

603.4' Top of Protective Casing
603.15' Top of Riser Pipe
603.4' Ground Surface
602.9' Top of Annular Sealant
FLUSH Casing Stickup

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Sch 40	
Riser pipe above w.t.		Sch 40	
Riser pipe below w.t.		Sch 40	
Screen		Sch 40	
Coupling joint screen to riser		Sch 40	
Protective casing			Alum



2' Top of Seal (bgs)
1' Total Seal Interval
3' Top of Sand(bgs)
5' Top of Screen(bgs)
10' Total Screen Interval
15' Bottom of Screen(bgs)
15' Bottom of Borehole(bgs)

Measurements to .01 ft (where applicable)

Riser pipe length	5'
Screen length	10'
Screen slot size	0.010 INCHES
Protective casing length	8.0 INCHES
Depth to water	-
Elevation of Water	-
Free Product thickness	-
Gallons removed (develop)	UNKNOWN
Gallons removed (purge)	UNKNOWN
Other	

Completed by: B. Hargrave 000230

CSD Environmental Services, Inc. LUST Well Completion Report

Incident No.: 991372 Well No.: MW-12
 Well Name: AYERCO #14 - STANFORD Date Drilled Start: 2-28-00
 Drilling Contractor: HDR Date Completed: 2-28-00
 Driller: M. SIMMERING Geologist: B. Hargrave
 Drilling Method: H.S.A. Drilling Fluids (type): NONE

Annular Space Details

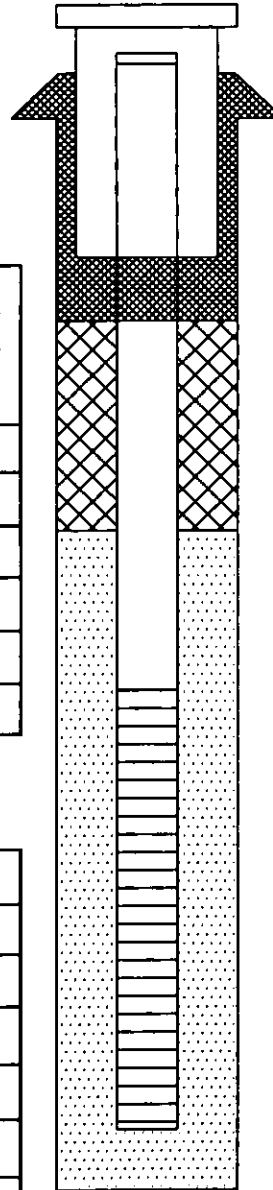
Type of Surface Seal: CONCRETE
 Type of Annular Sealant: CONCRETE
 Type of Bentonite Seal (Granular, Pellet): BENTONITE CHIPS
 Type of Sand Pack: SILICA SAND

Elevations—.01 ft.

603.98' Top of Protective Casing
603.73' Top of Riser Pipe
603.98' Ground Surface
603.48 Top of Annular Sealant
FLUSH Casing Stickup

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Sch 40	
Riser pipe above w.t.		Sch 40	
Riser pipe below w.t.		Sch 40	
Screen		Sch 40	
Coupling joint screen to riser		Sch 40	
Protective casing			Alum



2' Top of Seal (bgs)
1' Total Seal Interval
3' Top of Sand(bgs)
5' Top of Screen(bgs)
10' Total Screen Interval
15' Bottom of Screen(bgs)
15' Bottom of Borehole(bgs)

Measurements to .01 ft (where applicable)

Riser pipe length	5'
Screen length	10'
Screen slot size	0.010 INCHES
Protective casing length	8.0 INCHES
Depth to water	-
Elevation of Water	-
Free Product thickness	-
Gallons removed (develop)	UNKNOWN
Gallons removed (purge)	UNKNOWN
Other	

Completed by: B. Hargrave 000231

CSD Environmental Services, Inc. LUST Well Completion Report

Incident No.: 991372 Well No.: MW-13
 Site Name: AYERCO #14 - STANFORD Date Drilled Start: 2-28-00
 Drilling Contractor: HDR Date Completed: 2-28-00
 Driller: M. SIMMERING Geologist: B. Hargrave
 Drilling Method: H.S.A. Drilling Fluids (type): NONE

Annular Space Details

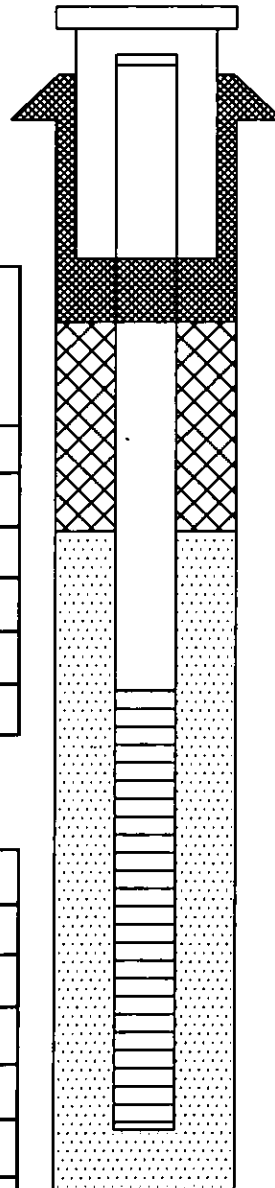
Type of Surface Seal: CONCRETE
 Type of Annular Sealant: CONCRETE
 Type of Bentonite Seal (Granular, Pellet): BENTONITE CHIPS
 Type of Sand Pack: SILICA SAND

Elevations—.01 ft.

603.43' Top of Protective Casing
603.18' Top of Riser Pipe
603.43' Ground Surface
602.93' Top of Annular Sealant
FLUSH Casing Stickup

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Sch 40	
Riser pipe above w.t		Sch 40	
Riser pipe below w.t.		Sch 40	
Screen		Sch 40	
Coupling joint screen to riser		Sch 40	
Protective casing			Alum



2' Top of Seal (bgs)
1' Total Seal Interval
3' Top of Sand(bgs)
5' Top of Screen(bgs)
10' Total Screen Interval
15' Bottom of Screen(bgs)
15' Bottom of Borehole(bgs)

Measurements to .01 ft (where applicable)

Riser pipe length	5'
Screen length	10'
Screen slot size	0.010 INCHES
Protective casing length	8.0 INCHES
Depth to water	-
Elevation of Water	-
Free Product thickness	-
Gallons removed (develop)	UNKNOWN
Gallons removed (purge)	UNKNOWN
Other	

Completed by: B. Hargrave 00232

CSD Environmental Services, Inc. LUST Well Completion Report

Incident No.: 991372 Well No.: MW-14
 Well Name: AYERCO #14 - STANFORD Date Drilled Start: 8-20-01
 Drilling Contractor: HDR Date Completed: 8-20-01
 Driller: M. SIMMERING Geologist: B. Hargrave
 Drilling Method: H.S.A. Drilling Fluids (type): NONE

Annular Space Details

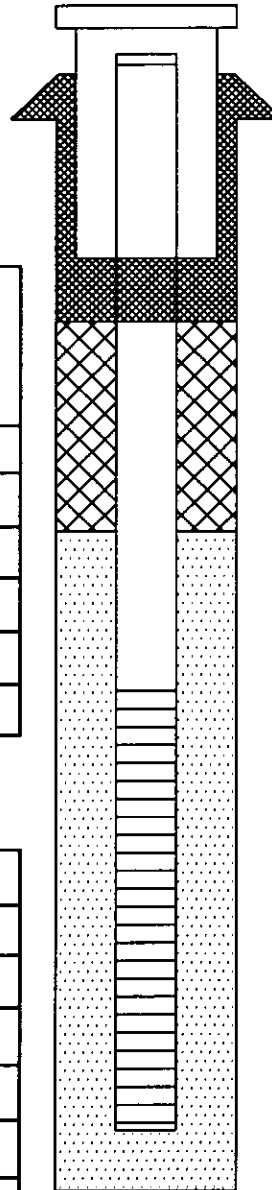
Type of Surface Seal: CONCRETE
 Type of Annular Sealant: CONCRETE
 Type of Bentonite Seal (Granular, Pellet): BENTONITE CHIPS
 Type of Sand Pack: SILICA SAND

Elevations— .01 ft.

603.69' Top of Protective Casing
603.44' Top of Riser Pipe
603.69' Ground Surface
603.19' Top of Annular Sealant
FLUSH Casing Stickup

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Sch 40	
Riser pipe above w.t		Sch 40	
Riser pipe below w.t.		Sch 40	
Screen		Sch 40	
Coupling joint screen to riser		Sch 40	
Protective casing			Alum



2' Top of Seal (bgs)
1' Total Seal Interval
3' Top of Sand(bgs)
5' Top of Screen(bgs)
10' Total Screen Interval
15' Bottom of Screen(bgs)
15' Bottom of Borehole(bgs)

Measurements to .01 ft (where applicable)

Riser pipe length	5'
Screen length	10'
Screen slot size	0.010 INCHES
Protective casing length	8.0 INCHES
Depth to water	-
Elevation of Water	-
Free Product thickness	-
Gallons removed (develop)	UNKNOWN
Gallons removed (purge)	UNKNOWN
Other	

Completed by: B. Hargrave 000233

CSD Environmental Services, Inc. LUST Well Completion Report

Incident No.: 991372 Well No.: MW-15
 Well Name: AYERCO #14 - STANFORD Date Drilled Start: 8-20-01
 Drilling Contractor: HDR Date Completed: 8-20-01
 Driller: M. SIMMERING Geologist: B. Hargrave
 Drilling Method: H.S.A. Drilling Fluids (type): NONE

Annular Space Details

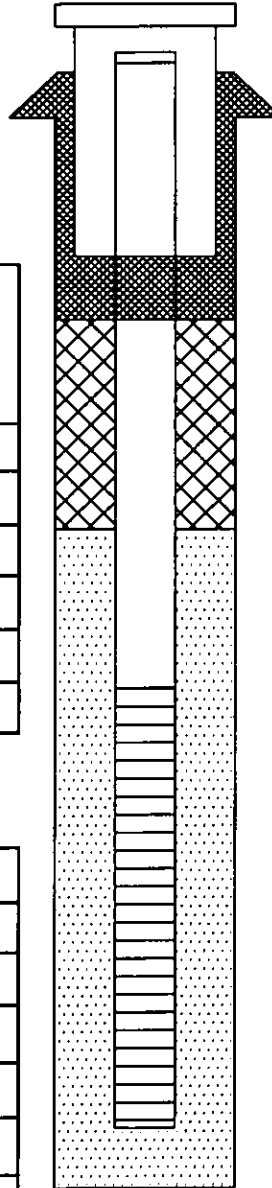
Type of Surface Seal: CONCRETE
 Type of Annular Sealant: CONCRETE
 Type of Bentonite Seal (Granular, Pellet): BENTONITE CHIPS
 Type of Sand Pack: SILICA SAND

Elevations— .01 ft.

602.12' Top of Protective Casing
601.87' Top of Riser Pipe
602.12' Ground Surface
601.62' Top of Annular Sealant
FLUSH Casing Stickup

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Sch 40	
Riser pipe above w.t.		Sch 40	
Riser pipe below w.t.		Sch 40	
Screen		Sch 40	
Coupling joint screen to riser		Sch 40	
Protective casing			Alum



2' Top of Seal (bgs)
1' Total Seal Interval
3' Top of Sand(bgs)
5' Top of Screen(bgs)
10' Total Screen Interval
15' Bottom of Screen(bgs)
15' Bottom of Borehole(bgs)

Measurements to .01 ft (where applicable)

Riser pipe length	5'
Screen length	10'
Screen slot size	0.010 INCHES
Protective casing length	8.0 INCHES
Depth to water	-
Elevation of Water	-
Free Product thickness	-
Gallons removed (develop)	UNKNOWN
Gallons removed (purge)	UNKNOWN
Other	.

Completed by: B. Hargrave 000234

CSD Environmental Services, Inc. LUST Well Completion Report

Incident No.: 991372 Well No.: MW-16
 Well Name: AYERCO #14 - STANFORD Date Drilled Start: 8-20-01
 Drilling Contractor: HDR Date Completed: 8-20-01
 Driller: M. SIMMERING Geologist: B. Hargrave
 Drilling Method: H.S.A. Drilling Fluids (type): NONE

Annular Space Details

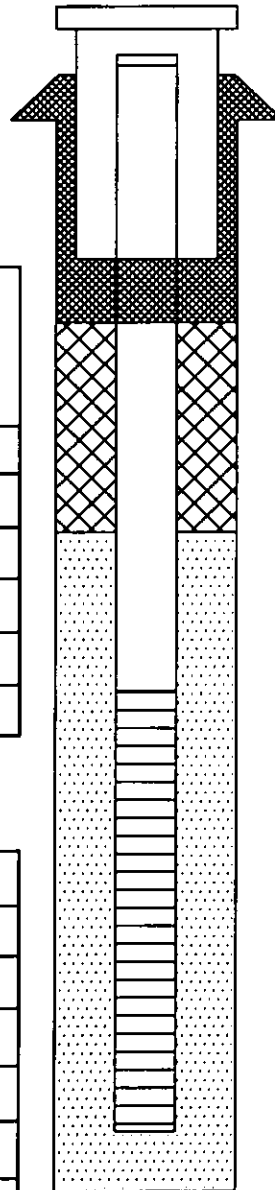
Type of Surface Seal: CONCRETE
 Type of Annular Sealant: CONCRETE
 Type of Bentonite Seal (Granular, Pellet): BENTONITE CHIPS
 Type of Sand Pack: SILICA SAND

Elevations—.01 ft.

601.94' Top of Protective Casing
601.69' Top of Riser Pipe
601.94' Ground Surface
601.44' Top of Annular Sealant
FLUSH Casing Stickup

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Sch 40	
Riser pipe above w.t.		Sch 40	
Riser pipe below w.t.		Sch 40	
Screen		Sch 40	
Coupling joint screen to riser		Sch 40	
Protective casing			Alum



2' Top of Seal (bgs)
1' Total Seal Interval
3' Top of Sand(bgs)
5' Top of Screen(bgs)
10' Total Screen Interval
15' Bottom of Screen(bgs)
15' Bottom of Borehole(bgs)

Measurements to .01 ft (where applicable)

Riser pipe length	5'
Screen length	10'
Screen slot size	0.010 INCHES
Protective casing length	8.0 INCHES
Depth to water	-
Elevation of Water	-
Free Product thickness	-
Gallons removed (develop)	UNKNOWN
Gallons removed (purge)	UNKNOWN
Other	.

Completed by: B. Hargrave 000235

CSD Environmental Services, Inc. LUST Well Completion Report

Incident No.: 991372 Well No.: MW-17
 Site Name: AYERCO #14 - STANFORD Date Drilled Start: 8-20-01
 Drilling Contractor: HDR Date Completed: 8-20-01
 Driller: M. SIMMERING Geologist: B. Hargrave
 Drilling Method: H.S.A. Drilling Fluids (type): NONE

Annular Space Details

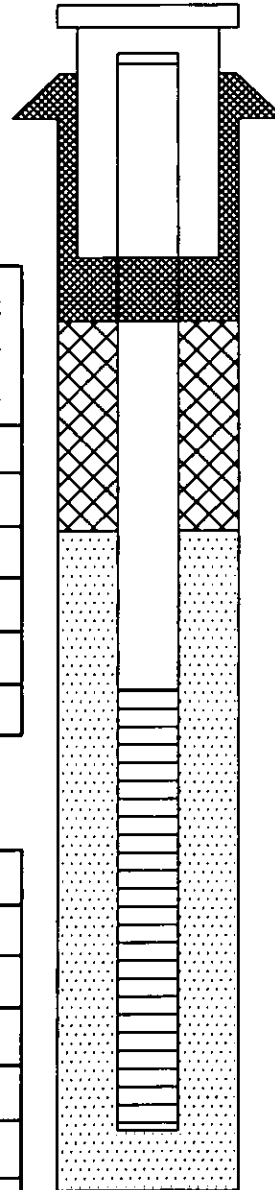
Type of Surface Seal: CONCRETE
 Type of Annular Sealant: CONCRETE
 Type of Bentonite Seal (Granular, Pellet): BENTONITE CHIPS
 Type of Sand Pack: SILICA SAND

Elevations—.01 ft.

602.27' Top of Protective Casing
602.02' Top of Riser Pipe
602.27' Ground Surface
601.77' Top of Annular Sealant
FLUSH Casing Stickup

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Sch 40	
Riser pipe above w.t.		Sch 40	
Riser pipe below w.t.		Sch 40	
Screen		Sch 40	
Coupling joint screen to riser		Sch 40	
Protective casing			Alum



2' Top of Seal (bgs)
1' Total Seal Interval
3' Top of Sand(bgs)
5' Top of Screen(bgs)
10' Total Screen Interval
15' Bottom of Screen(bgs)
15' Bottom of Borehole(bgs)

Measurements to .01 ft (where applicable)

Riser pipe length	5'
Screen length	10'
Screen slot size	0.010 INCHES
Protective casing length	8.0 INCHES
Depth to water	-
Elevation of Water	-
Free Product thickness	-
Gallons removed (develop)	UNKNOWN
Gallons removed (purge)	UNKNOWN
Other	.

Completed by: B. Hargrave 000236

CSD Environmental Services, Inc. LUST Well Completion Report

Incident No.: 991372 Well No.: MW-18
 Site Name: AYERCO #14 - STANFORD Date Drilled Start: 8-20-01
 Drilling Contractor: HDR Date Completed: 8-20-01
 Driller: M. SIMMERING Geologist: B. Hargrave
 Drilling Method: H.S.A. Drilling Fluids (type): NONE

Annular Space Details

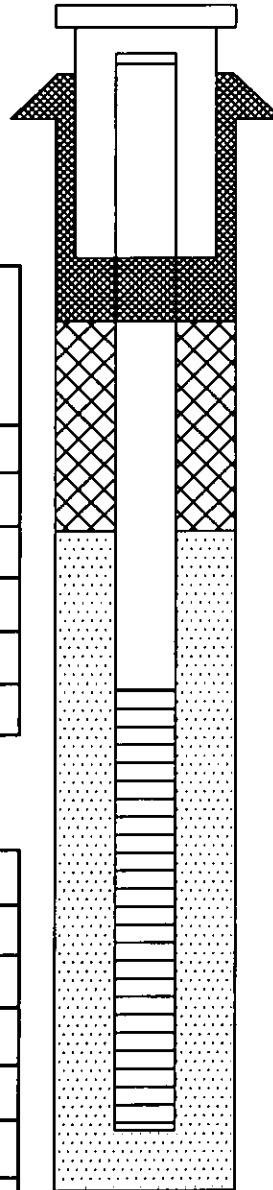
Type of Surface Seal: CONCRETE
 Type of Annular Sealant: CONCRETE
 Type of Bentonite Seal (Granular, Pellet): BENTONITE CHIPS
 Type of Sand Pack: SILICA SAND

Elevations—.01 ft.

602.64' Top of Protective Casing
602.39' Top of Riser Pipe
602.64' Ground Surface
602.14' Top of Annular Sealant
FLUSH Casing Stickup

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Sch 40	
Riser pipe above w.t.		Sch 40	
Riser pipe below w.t.		Sch 40	
Screen		Sch 40	
Coupling joint screen to riser		Sch 40	
Protective casing			Alum



2' Top of Seal (bgs)
1' Total Seal Interval
3' Top of Sand(bgs)
5' Top of Screen(bgs)
10' Total Screen Interval
15' Bottom of Screen(bgs)
15' Bottom of Borehole(bgs)

Measurements to .01 ft (where applicable)

Riser pipe length	5'
Screen length	10'
Screen slot size	0.010 INCHES
Protective casing length	8.0 INCHES
Depth to water	-
Elevation of Water	-
Free Product thickness	-
Gallons removed (develop)	UNKNOWN
Gallons removed (purge)	UNKNOWN
Other	

Completed by: B. Hargrave 000237

CSD Environmental Services, Inc. LUST Well Completion Report

Incident No.: 991372 Well No.: MW-19
 Well Name: AYERCO #14 - STANFORD Date Drilled Start: 8-20-01
 Drilling Contractor: HDR Date Completed: 8-20-01
 Driller: M. SIMMERING Geologist: B. Hargrave
 Drilling Method: H.S.A. Drilling Fluids (type): NONE

Annular Space Details

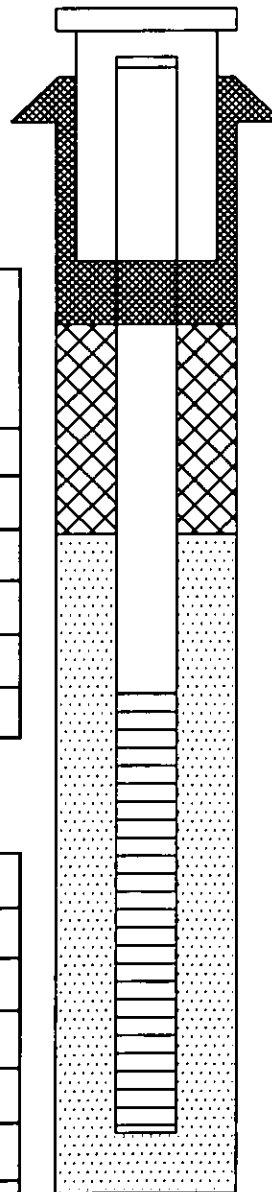
Type of Surface Seal: CONCRETE
 Type of Annular Sealant: CONCRETE
 Type of Bentonite Seal (Granular, Pellet): BENTONITE CHIPS
 Type of Sand Pack: SILICA SAND

Elevations—.01 ft.

603.31' Top of Protective Casing
603.06' Top of Riser Pipe
603.31' Ground Surface
602.81' Top of Annular Sealant
FLUSH Casing Stickup

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Sch 40	
Riser pipe above w.t.		Sch 40	
Riser pipe below w.t.		Sch 40	
Screen		Sch 40	
Coupling joint screen to riser		Sch 40	
Protective casing			Alum



2' Top of Seal (bgs)
1' Total Seal Interval
3' Top of Sand(bgs)
5' Top of Screen(bgs)
10' Total Screen Interval
15' Bottom of Screen(bgs)
15' Bottom of Borehole(bgs)

Measurements to .01 ft (where applicable).

Riser pipe length	5'
Screen length	10'
Screen slot size	0.010 INCHES
Protective casing length	8.0 INCHES
Depth to water	-
Elevation of Water	-
Free Product thickness	-
Gallons removed (develop)	UNKNOWN
Gallons removed (purge)	UNKNOWN
Other	.

Completed by: B. Hargrave 000238

Monitor Well Completion Report

Project No.: 991372
 Site Name: Ayerco # 14
 Drilling Contractor: Heartland Drilling (HDR)
 Driller: Marc Simmering
 Drilling Method: Hollow Stem Auger

Well No: MW-20
 Site Location: Stanford Ave.
 Date Completed: 9/21/2007
 Geologist: B. Hargrave
 Drilling Fluids (type): None

Note: Elevations are based on an assumed local datum

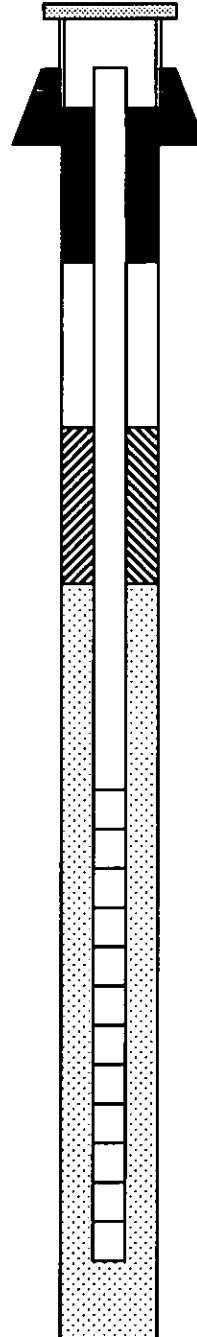
Elevations - (Feet)

Annular Space Materials:	
Type of Surface Seal:	Concrete
Type of Annular Seal:	Bentonite Chips (Hydrated)
Type of Bentonite Seal:	Bentonite Chips (Hydrated)
Type of Sand Pack:	Silica Sand

Well Construction Materials:	Stainless Steel Type	PVC Type	Other Type
Riser coupling joint		Sch 40	
Riser pipe above w.t.		Sch 40	
Riser pipe below w.t.		Sch 40	
Screen		Sch 40	
Coupling joint screen to riser		Sch 40	
Protective casing			Steel

Well Specifications:	
Borehole diameter	8 1/4 inches
Screen diameter	2 inches
Screen slot size	0.01 inches
Screen length	10.00 feet
Protective casing length	8 inches
Protective casing type	Flush
Gallon removed (develop)	
Other	

Completed By: Brandon Hargrave



603.97' Top of Protective Casing

603.61' Top of Riser Pipe

603.97' Ground Surface

603.97' Top of Annular Sealant

1.52' Top of Seal (bgs)*

1.50' Total Seal Interval

3.02' Top of Sand (bgs)*

5.02' Top of Screen (bgs)*

10.00' Total Screen Interval

15.02' Bottom of Screen (bgs)*

16.00' Bottom of Borehole (bgs)*

*(bgs) = below ground surface

Monitor Well Completion Report

Project No.: 991372
 Site Name: Ayerco # 14
 Drilling Contractor: Heartland Drilling (HDR)
 Driller: Marc Simmering
 Drilling Method: Hollow Stem Auger

Well No: MW-21
 Site Location: Stanford Ave.
 Date Completed: 9/21/2007
 Geologist: B. Hargrave
 Drilling Fluids (type): None

Note: Elevations are based on an assumed local datum

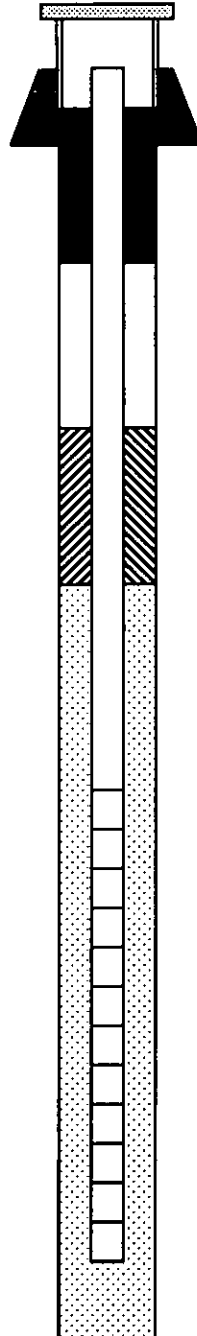
Elevations - (Feet)

Annular Space Materials:	
Type of Surface Seal:	Concrete
Type of Annular Seal:	Bentonite Chips (Hydrated)
Type of Bentonite Seal:	Bentonite Chips (Hydrated)
Type of Sand Pack:	Silica Sand

Well Construction Materials:	Stainless Steel Type	PVC Type	Other Type
Riser coupling joint		Sch 40	
Riser pipe above w.t.		Sch 40	
Riser pipe below w.t.		Sch 40	
Screen		Sch 40	
Coupling joint screen to riser		Sch 40	
Protective casing			Steel

Well Specifications:	
Borehole diameter	8 1/4 inches
Screen diameter	2 inches
Screen slot size	0.01 inches
Screen length	10.00 feet
Protective casing length	8 inches
Protective casing type	Flush
Gallon removed (develop)	
Other	

Completed By: Brandon Hargrave



602.71' Top of Protective Casing

602.23' Top of Riser Pipe

602.71' Ground Surface

602.71' Top of Annular Sealant

1.47' Top of Seal (bgs)*

1.50' Total Seal Interval

1.47' Top of Sand (bgs)*

4.97' Top of Screen (bgs)*

10.00' Total Screen Interval

14.97' Bottom of Screen (bgs)*

16.00' Bottom of Borehole (bgs)*

*(bgs) = below ground surface

Monitor Well Completion Report

Project No.: 991372
 Site Name: Ayerco # 14
 Drilling Contractor: Heartland Drilling (HDR)
 Driller: Marc Simmering
 Drilling Method: Hollow Stem Auger

Well No: MW-22
 Site Location: Stanford Ave.
 Date Completed: 9/21/2007
 Geologist: B. Hargrave
 Drilling Fluids (type): None

Note: Elevations are based on an assumed local datum

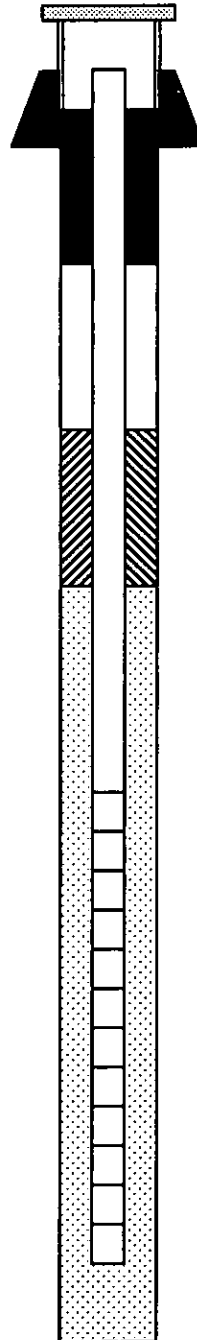
Elevations - (Feet)

Annular Space Materials:	
Type of Surface Seal:	Concrete
Type of Annular Seal:	Bentonite Chips (Hydrated)
Type of Bentonite Seal:	Bentonite Chips (Hydrated)
Type of Sand Pack:	Silica Sand

Well Construction Materials:	Stainless Steel Type	PVC Type	Other Type
Riser coupling joint		Sch 40	
Riser pipe above w.t.		Sch 40	
Riser pipe below w.t.		Sch 40	
Screen		Sch 40	
Coupling joint screen to riser		Sch 40	
Protective casing			Steel

Well Specifications:	
Borehole diameter	8 1/4 inches
Screen diameter	2 inches
Screen slot size	0.01 inches
Screen length	10.00 feet
Protective casing length	8 inches
Protective casing type	Flush
Gallon removed (develop)	
Other	

Completed By: Brandon Hargrave



- 601.97' Top of Protective Casing
- 601.74' Top of Riser Pipe
- 601.97' Ground Surface
- 601.97' Top of Annular Sealant
- 1.44' Top of Seal (bgs)*
- 1.50' Total Seal Interval
- 2.94' Top of Sand (bgs)*
- 4.94' Top of Screen (bgs)*
- 10.00' Total Screen Interval
- 14.94' Bottom of Screen (bgs)*
- 16.00' Bottom of Borehole (bgs)*

*(bgs) = below ground surface

Monitor Well Completion Report

Project No.: 991372
 Site Name: Ayerco # 14
 Drilling Contractor: Heartland Drilling (HDR)
 Driller: Marc Simmering
 Drilling Method: Hollow Stem Auger

Well No: MW-23
 Site Location: Stanford Ave.
 Date Completed: 9/21/2007
 Geologist: B. Hargrave
 Drilling Fluids (type): None

Note: Elevations are based on an assumed local datum

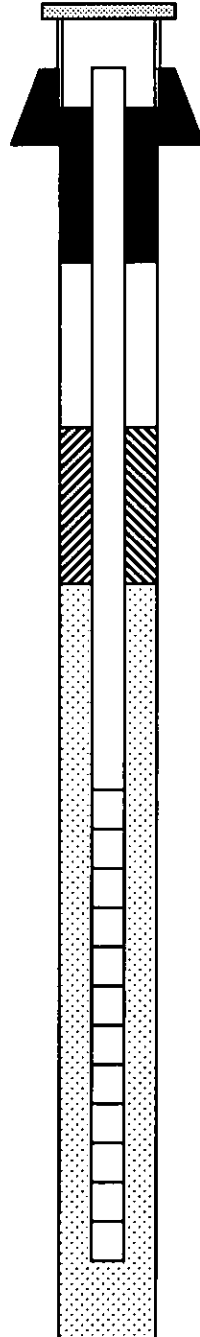
Elevations - (Feet)

Annular Space Materials:	
Type of Surface Seal:	Concrete
Type of Annular Seal:	Bentonite Chips (Hydrated)
Type of Bentonite Seal:	Bentonite Chips (Hydrated)
Type of Sand Pack:	Silica Sand

Well Construction Materials:	Stainless Steel Type	PVC Type	Other Type
Riser coupling joint		Sch 40	
Riser pipe above w.t.		Sch 40	
Riser pipe below w.t.		Sch 40	
Screen		Sch 40	
Coupling joint screen to riser		Sch 40	
Protective casing			Steel

Well Specifications:	
Borehole diameter	8 1/4 inches
Screen diameter	2 inches
Screen slot size	0.01 inches
Screen length	10.00 feet
Protective casing length	8 inches
Protective casing type	Flush
Gallon removed (develop)	
Other	

Completed By: Brandon Hargrave



- 601.27' Top of Protective Casing
- 600.87' Top of Riser Pipe
- 601.27' Ground Surface
- 601.27' Top of Annular Sealant
- 1.46' Top of Seal (bgs)*
- 1.50' Total Seal Interval
- 2.96' Top of Sand (bgs)*
- 4.96' Top of Screen (bgs)*
- 10.00' Total Screen Interval
- 14.96' Bottom of Screen (bgs)*
- 16.00' Bottom of Borehole (bgs)*

*(bgs) = below ground surface

Appendix D

Budget

General Information for the Budget and Billing Forms

LPC #: 16712053337 County: Sangamon

City: Springfield Site Name: Ayerco #14 - Stanford

Site Address: 430 Stanford Avenue

IEMA Incident No.: 991372

IEMA Notification Date.: June 8, 1999

Date this form was prepared: June 6, 2008

This form is being submitted as a (check one):

- Budget Proposal
- Budget Amendment (Budget amendments must include only the costs over the previous budget.)
- Billing Package

Please provide the name(s) and date(s) of report(s) documenting the costs requested:

Name(s): _____

Date(s): _____

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This package is being submitted for the site activities indicated below :

35 III. Adm. Code 734:

- Early Action
- Free Product Removal after Early Action
- Site Investigation Stage 1: Stage 2: Stage 3:
- Corrective Action

35 III. Adm. Code 732:

- Early Action
- Free Product Removal after Early Action
- Site Classification
- Low Priority Corrective Action
- High Priority Corrective Action

35 III. Adm. Code 731:

- Site Investigation
- Corrective Action

General Information for the Budget and Billing Forms

The following address will be used as the mailing address for checks and any final determination letters regarding payment from the Fund.

Pay to the order of: CSD Environmental Services, inc.

Send in care of: Illinois Ayers Oil Company - Carl Adams, Jr.

Address: P.O. Box 20912

City: Springfield State: Illinois Zip: 62708-0912

The payee is the: Owner Operator (Check one or both.)



If you have a change of address, [click here](#) to print off a W-9 Form.

Signature of the owner or operator of the UST(s) (required)

Number of petroleum USTs in Illinois presently owned or operated by the owner or operator; any subsidiary, parent or joint stock company of the owner or operator; and any company owned by any parent, subsidiary or joint stock company of the owner or operator:

Fewer than 101: 101 or more:

Number of USTs at the site: 8 (Number of USTs includes USTs presently at the site and USTs that have been removed.)

Number of incidents reported to IEMA for this site: One

Incident Numbers assigned to the site due to releases from USTs: 991372

Please list all tanks that have ever been located at the site and tanks that are presently located at the site.

Product Stored in UST	Size (gallons)	Did UST have a release?	Incident No.	Type of Release Tank Leak / Overfill / Piping Leak
Unleaded fuel		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	991372	Overfill
Unleaded fuel		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	991372	Overfill
Unleaded fuel		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	991372	Overfill
Diesel fuel		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	991372	Overfill
Gasoline		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Gasoline		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Gasoline		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Diesel fuel		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
		Yes <input type="checkbox"/> No <input type="checkbox"/>		
		Yes <input type="checkbox"/> No <input type="checkbox"/>		

Owner/Operator and Licensed Professional Engineer/Geologist Budget Certification Form

I hereby certify that I intend to seek payment from the UST Fund for costs incurred while performing corrective action activities for Leaking UST incident 991372. I further certify that the costs set forth in this budget are for necessary activities and are reasonable and accurate to the best of my knowledge and belief. I also certify that the costs included in this budget are not for corrective action in excess of the minimum requirements of 415 ILCS 5/57, no costs are included in this budget that are not described in the corrective action plan, and no costs exceed Subpart H: Maximum Payment Amounts, Appendix D Sample Handling and Analysis amounts, and Appendix E Personnel Titles and Rates of 35 Ill. Adm. Code 732 or 734. I further certify that costs ineligible for payment from the Fund pursuant to 35 Ill. Adm. Code 732.606 or 734.630 are not included in the budget proposal or amendment. Such ineligible costs include but are not limited to:

- Costs associated with ineligible tanks.
- Costs associated with site restoration (e.g., pump islands, canopies).
- Costs associated with utility replacement (e.g., sewers, electrical, telephone, etc.).
- Costs incurred prior to IEMA notification.
- Costs associated with planned tank pulls.
- Legal fees or costs.
- Costs incurred prior to July 28, 1989.
- Costs associated with installation of new USTs or the repair of existing USTs.

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Owner/Operator: Carl Adams, Jr.

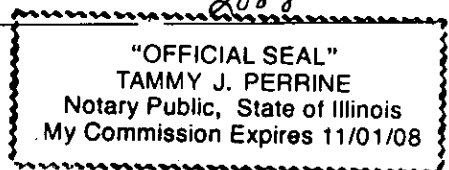
Authorized Representative: Carl Adams Jr. Title: President

Signature: [Signature] Date: 6/6/08

Subscribed and sworn to before me the 6th day of June 2008

Tammy J Perrine
(Notary Public)

Seal:



In addition, I certify under penalty of law that all activities that are the subject of this plan, budget, or report were conducted under my supervision or were conducted under the supervision of another Licensed Professional Engineer or Licensed Professional Geologist and reviewed by me; that this plan, budget, or report and all attachments were prepared under my supervision; that, to the best of my knowledge and belief, the work described in the plan, budget, or report has been completed in accordance with the Environmental Protection Act [415 ILCS 5], 35 Ill. Adm. Code 732 or 734, and generally accepted standards and practices of my profession; and that the information presented is accurate and complete. I am aware there are significant penalties for submitting false statements or representations to the Illinois EPA, including but not limited to fines, imprisonment, or both as provided in Sections 44 and 57.17 of the Environmental Protection Act [415 ILCS 5/44 and 57.17].

L.P.E./L.P.G.: Joseph W. Truesdale, P.E., P.G. L.P.E./L.P.G. Seal: [Seal]

L.P.E./L.P.G. Signature: [Signature] Date: 6/23/2008

Subscribed and sworn to before me the 23 day of June 2008

Sheri Cockrum
(Notary Public)

Seal:



The Illinois EPA is authorized to require this information under 415 ILCS 5/1. Disclosure of this information is required. Failure to do so may result in the delay or denial of any budget or payment requested hereunder.

B. PROPOSED BUDGET SUMMARY AND BUDGET TOTAL

1. Investigation Costs: \$ 3,623.00
2. Analysis Costs: \$ 5,448.33
3. Personnel Costs: \$ 31,344.16
4. Equipment Costs: \$ 1,345.90
5. Field Purchases and Other Costs: \$ 474.70
6. Handling Charges: \$

TOTAL PROPOSED BUDGET = \$ 42,236.06

IEMA No. 991372

E. INVESTIGATION COSTS

Method I _____ Method II _____ Method III _____ Not Applicable X

1. **Drilling Costs** - This includes the costs for drilling labor, drill rig usage, and other drilling equipment. Borings which are to be completed as monitoring wells should be listed here. Costs associated with disposal of cuttings should not be included here. An indication must be made as to why each boring is being conducted (i.e., classification, monitoring wells, migration pathways).

4 borings to 16 feet = 64 feet to be bored for MW-24 thru MW-27

1 borings to 8 feet = 8 feet to be bored for B-19

_____ borings to _____ feet = _____ feet to be bored for _____

Total Feet to be Bored: 72

Hollow Stem Borings: 64 feet x \$ 24.35 per foot = \$ 1,558.40

Direct Push Borings: 8 feet x \$ 19.06 per foot = \$ 152.48

Hours _____ x \$ _____ per hour = \$ _____

_____ borings through _____ ft of bedrock = _____ Ft bedrock to be bored

_____ borings through _____ ft of bedrock = _____ Ft bedrock to be bored

Total Feet bedrock to be Bored: _____

Borings: _____ Ft bedrock x \$ _____ per ft bedrock = \$ _____ (or)

_____ Hours x \$ _____ per Hour = \$ _____

_____ # of Mobilizations @ \$ _____ per mobilization = \$ _____

Other Costs	Number of Units	Unit Cost	Total Cost

IEMA No. 991372

2. **Professional Services (e.g., P.E., geologist)** - These costs must be listed in Section I, the Personnel section of the forms.
3. **Monitoring Well Installation Materials** - Costs listed here must be costs associated with well casing, well screens, filter pack, annular seal, surface seal, well covers, etc. List the items below in a time and materials format.

Material	Number of Units	Unit Cost	Total Cost
Monitoring well installation (4 @ 16 ft each)	64	\$17.47	\$1,118.08

4. **Disposal Costs** - This includes the costs for disposing of boring cuttings and any water generated while performing borings or installing wells.

Disposal of Cuttings: 3 drums x \$ 264.68 per drum = \$ 794.04

Disposal of Water: _____ gallons x \$ _____ per gallon = \$ _____

Transportation Costs: \$ _____

Describe how the water/soil will be disposed: _____

Total Investigation Costs: \$ 3,623.00

F. ANALYSIS COSTS

1. Physical Soil Analysis - This must only include analysis costs for classification of soil types at the site.

_____ Moisture Content samples x \$ _____ per sample = \$ _____

_____ Soil Classification samples x \$ _____ per sample = \$ _____

Indicate method to be performed: _____

_____ Soil Particle Size samples x \$ _____ per sample = \$ _____

_____ Soil Bulk Density samples x \$ _____ per sample = \$ _____

_____ Ex-situ Hydraulic Conductivity/Permeability samples
x \$ _____ per sample = \$ _____

Indicate the method to be performed: _____

_____ Rock Hydraulic Conductivity/Permeability samples
x \$ _____ per sample = \$ _____

_____ Natural Organic Carbon Fraction (foc) samples
x \$ _____ per sample = \$ _____

Indicate the ASTM or SW-846 method to be performed: _____

_____ samples x \$ _____ per sample = \$ _____

_____ samples x \$ _____ per sample = \$ _____

2. Soil Analysis Costs - This must be for laboratory analysis only.

5 BTEX / MTBE samples x \$ 89.99 per sample = \$ 449.95

5 PNA samples x \$ 160.93 per sample = \$ 804.65

_____ LUST Pollutants samples x \$ _____ per sample = \$ _____

IEMA No. 991372

____ pH Samples x \$ _____ per sample = \$ _____

____ Paint Filter samples x \$ _____ per sample = \$ _____

____ Metals TCLP Soil samples x \$ _____ per sample = _____

____ Flash Point samples x \$ _____ per sample = \$ _____

____ Lab and/or Field Bank samples x \$ _____ per sample = \$ _____

____ _____ samples x \$ _____ per sample = \$ _____

____ _____ samples x \$ _____ per sample = \$ _____

____ _____ samples x \$ _____ per sample = \$ _____

____ _____ samples x \$ _____ per sample = \$ _____

____ _____ samples x \$ _____ per sample = \$ _____

____ _____ samples x \$ _____ per sample = \$ _____

____ _____ samples x \$ _____ per sample = \$ _____

____ _____ samples x \$ _____ per sample = \$ _____

____ _____ samples x \$ _____ per sample = \$ _____

____ _____ samples x \$ _____ per sample = \$ _____

____ _____ samples x \$ _____ per sample = \$ _____

____ _____ samples x \$ _____ per sample = \$ _____

____ _____ samples x \$ _____ per sample = \$ _____

3. **Groundwater Analysis Costs** - This must be for laboratory analysis only.

17 BTEX / MTBE samples x \$ 85.76 per sample = \$ 1,457.92

17 PNA samples x \$ 160.93 per sample = \$ 2,735.81

IEMA No. 991372

____ LUST Pollutants samples x \$ _____ per sample = \$ _____

____ pH Samples x \$ _____ per sample = \$ _____

____ Lab and/or Field Blank samples x \$ _____ per sample = \$ _____

____ Flash Point samples x \$ _____ per sample = \$ _____

____ samples x \$ _____ Per sample = \$ _____

____ samples x \$ _____ Per sample = \$ _____

____ samples x \$ _____ Per sample = \$ _____

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____ samples x \$ _____ Per sample = \$ _____

____ samples x \$ _____ Per sample = \$ _____

____ samples x \$ _____ Per sample = \$ _____

____ samples x \$ _____ Per sample = \$ _____

____ samples x \$ _____ Per sample = \$ _____

TOTAL ANALYSIS COSTS = \$ 5,448.33

G. PERSONNEL

All personnel costs that are not included elsewhere in the budget/billing form must be listed here. Costs must be listed per task, not personnel type. The following are some examples of tasks: Drafting, data collection, plan, report, or budget preparation for _____ (i.e., site classification work plan, 45 day report, or high priority corrective action budget), sampling, field oversight for _____ (i.e., drilling/well installation, corrective action, or early action), or maintenance of _____. The above list is not inclusive of all possible tasks.

Preparation of Current Corrective Action Plan and Budget:

Sr. Professional Engineer : 6.0 hours x \$ 137.64 per hour = \$ 825.84
(Title)

Task to be performed for the above hours: Data evaluation and development of CA strategy

Scientist II : 35.0 hours x \$ 68.82 per hour = \$ 2,408.70
(Title)

Task to be performed for the above hours: Preparation of CAP forms, data and attachments

Sr. Project Manager : 8.0 hours x \$ 105.87 per hour = \$ 846.96
(Title)

Task to be performed for the above hours: Assembly and completion of CAP

Sr. Draftsperson/CAD : 5.0 hours x \$ 63.52 per hour = \$ 317.60
(Title)

Task to be performed for the above hours: Preparing and printing maps and figures for CAP

Sr. Professional Engineer : 8.0 hours x \$ 137.64 per hour = \$ 1,101.12
(Title)

Task to be performed for the above hours: CAP oversight, review and P.E. certification

Scientist II : 25.0 hours x \$ 68.82 per hour = \$ 1,720.50
(Title)

Task to be performed for the above hours: Development and preparation of CA Budget estimate

Sr. Account Technician : 8.0 hours x \$ 58.23 per hour = \$ 465.84
(Title)

Task to be performed for the above hours: Preparation of CA budget forms and attachments

IEMA No. 991372

Sr. Professional Engineer : 7.0 hours x \$ 137.64 per hour = \$ 963.48
(Title)

Task to be performed for the above hours: CA Budget oversight, review and P.E. certification

Sr. Project Manager : 10.0 hours x \$ 105.87 per hour = \$ 1,058.70
(Title)

Task to be performed for the above hours: Meetings and correspondence with owner re: CAP

Sr. Administrative Assistant : 4.0 hours x \$ 47.64 per hour = \$ 190.56
(Title)

Task to be performed for the above hours: CAP and Budget administration and distribution

Implementation of Current Corrective Action Plan:

Scientist II : 16.0 hours x \$ 68.82 per hour = \$ 1,101.12
(Title)

Task to be performed for the above hours: Off-site ownership identification and access preparation

Sr. Project Manager : 10.0 hours x \$ 105.87 per hour = \$ 1,058.70
(Title)

Task to be performed for the above hours: Access agreement correspondence and procurement

Scientist II : 3.0 hours x \$ 68.82 per hour = \$ 206.46
(Title)

Task to be performed for the above hours: Prepare sample containers, COC & lab certification (soil)

Sr. Project Manager : 16.0 hours x \$ 105.87 per hour = \$ 1,693.92
(Title)

Task to be performed for the above hours: Organization and scheduling for CA field activities

Geologist III : 24.0 hours x \$ 93.17 per hour = \$ 2,236.08
(Title)

Task to be performed for the above hours: Logging soil borings, field screening and sample collection

Sr. Technician : 3.0 hours x \$ 68.82 per hour = \$ 206.46
(Title)

Task to be performed for the above hours: Sample preservation, packaging and shipment to lab (soil)

IEMA No. 991372

Sr. Technician : 7.0 hours x \$ 68.82 per hour = \$ 481.74
(Title)

Task to be performed for the above hours: Survey and develop new groundwater monitor wells

Scientist II : 5.0 hours x \$ 68.82 per hour = \$ 344.10
(Title)

Task to be performed for the above hours: Prepare sample containers, COC & lab certification (GW)

Geologist III : 20.0 hours x \$ 93.17 per hour = \$ 1,863.40
(Title)

Task to be performed for the above hours: Purge, gauge and sample monitor wells (17wells)

Sr. Technician : 5.0 hours x \$ 68.82 per hour = \$ 344.10
(Title)

Task to be performed for the above hours: Sample preservation, packaging & shipment to lab (GW)

Sr. Professional Engineer : 10.0 hours x \$ 137.64 per hour = \$ 1376.40
(Title)

Task to be performed for the above hours: P.E. oversight and review of CA field work

Geologist III : 6.0 hours x \$ 93.17 per hour = \$ 559.02
(Title)

Task to be performed for the above hours: Prepare boring logs and monitor well completion reports

Scientist II : 16.0 hours x \$ 68.82 per hour = \$ 1,101.12
(Title)

Task to be performed for the above hours: Analytical data review and reduction

Scientist II : 8.0 hours x \$ 68.82 per hour = \$ 550.56
(Title)

Task to be performed for the above hours: Evaluation of water level elevations (flow direction & gradient)

Sr. Draftperson/CAD : 7.0 hours x \$ 63.52 per hour = \$ 444.64
(Title)

Task to be performed for the above hours: Prepare maps and figures documenting CA field work

IEMA No. 991372

Scientist II : 16.0 hours x \$ 68.82 per hour = \$ 1,101.12
(Title)

Task to be performed for the above hours: Revisions to Tier 1 extent and tables due to 2/07 TACO

Sr. Project Manager : 8.0 hours x \$ 105.87 per hour = \$ 846.96
(Title)

Task to be performed for the above hours: Organization and scheduling for CA field activities

Scientist II : 10.0 hours x \$ 68.82 per hour = \$ 688.20
(Title)

Task to be performed for the above hours: Prepare SSL and RBCA forms for Tier 2 evaluation

Sr. Professional Engineer : 7.0 hours x \$ 137.64 per hour = \$ 963.48
(Title)

Task to be performed for the above hours: P.E. oversight and review of TACO additions/revisions

Prepare Two (2) Reimbursement Requests:

Sr. Account Technician : 48.0 hours x \$ 58.23 per hour = \$ 2,795.04
(Title)

Task to be performed for the above hours: CA reimbursement request(s) preparation (x2)

Sr. Professional Engineer : 8.0 hours x \$ 137.64 per hour = \$ 1,101.12 *
(Title)

Task to be performed for the above hours: CA reimbursement request(s) review and P.E. certification

Sr. Administrative Assistant : 8.0 hours x \$ 47.64 per hour = \$ 381.12
(Title)

Task to be performed for the above hours: CA reimbursement request(s) administration & distribution

TOTAL PERSONNEL COSTS: \$ 31,344.16

IEMA No. 991372

Other Costs - A listing and description of all other costs which will be/were incurred and are not specifically listed on this form should be attached. The listing should include a cost breakdown in a time and materials format.

Other Costs	Quantity	Price/Item	Total Cost	Do Handling Charges Apply?
Photocopying	3000	\$0.07	\$210.00	No

TOTAL OTHER COSTS = \$ 210.00

Subtotal Page I-1 \$ <u>264.70</u>
Total Pages I- and I-2 \$ <u>474.70</u>



Office of the Illinois
State Fire Marshal

General Office
217-785-0884
FAX
217-782-1062
Divisions
ARSON INVESTIGATION
217-782-9118
BOILER and PRESSURE
VESSEL SAFETY
217-782-2896
FIRE PREVENTION
217-783-4744
MANAGEMENT SERVICES
217-782-6889
INFIRS
217-785-5825
HUMAN RESOURCES
217-785-1026
PERSONNEL STANDARDS
and EDUCATION
217-782-4542
PETROLEUM and
CHEMICAL SAFETY
217-785-5878
PUBLIC INFORMATION
217-785-1021
WEB SITE
www.state.il.us/csfm

CERTIFIED MAIL - RECEIPT REQUESTED #Z 082 408 981

July 23, 1999

Illinois Ayers Oil Company
P.O. Box 772
Quincy, IL 62306

In Re:

Facility No. 5-020797
IEMA Incident No. 99-1372
Ayerco Convenience Center #14
430 Stanford Avenue
Springfield, Sangamon Co., IL

Dear Applicant:

The Reimbursement Eligibility and Deductible Application received on July 13, 1999 for the above referenced occurrence has been reviewed. The following determinations have been made based upon this review.

It has been determined that you are eligible to seek payment of costs in excess of \$10,000. The costs must be in response to the occurrence referenced above and associated with the following tanks:

Eligible Tanks

- Tank 1 12,000 gallon Gasoline
- Tank 2 12,000 gallon Gasoline
- Tank 3 10,000 gallon Gasoline
- Tank 4 10,000 gallon Diesel

You must contact the Illinois Environmental Protection Agency to receive a packet of Agency billing forms for submitting your request for payment.

An owner or operator is eligible to access the Underground Storage Tank Fund if the eligibility requirements are satisfied:

1. Neither the owner nor the operator is the United States Government,
2. The tank does not contain fuel that is exempt from the Motor Fuel Tax Law,
3. The costs were incurred as a result of a confirmed release of any of the following substances:

"Fuel", as defined in Section 1.19 of the Motor Fuel Tax Law

Aviation fuel

Heating oil

Kerosene

Used oil, which has been refined from crude oil used in a motor vehicle, as defined in Section 1.3 of the Motor Fuel Tax Law.

4. The owner or operator registered the tank and paid all fees in accordance with the statutory and regulatory requirements of the Gasoline Storage Act.
5. The owner or operator notified the Illinois Emergency Management Agency of a confirmed release, the costs were incurred after the notification and the costs were a result of a release of a substance listed in this Section. Costs of corrective action or indemnification incurred before providing that notification shall not be eligible for payment. --
6. The costs have not already been paid to the owner or operator under a private insurance policy, other written agreement, or court order.
7. The costs were associated with "corrective action".

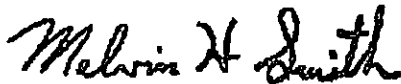
This constitutes the final decision as it relates to your eligibility and deductibility. We reserve the right to change the deductible determination should additional information that would change the determination become available. An underground storage tank owner or operator may appeal the decision to the Illinois Pollution Control Board (Board), pursuant to Section 57.9 (c) (2). An owner or operator who seeks to appeal the decision shall file a petition for a hearing before the Board within 35 days of the date of mailing of the final decision, (35 Illinois Administrative Code 105.102(a) (2)).

For information regarding the filing of an appeal, please contact:

Dorothy Gunn, Clerk
Illinois Pollution Control Board
State of Illinois Center
100 West Randolph, Suite 11-500
Chicago, Illinois 60601
(312) 814-3620

If you have any questions regarding the eligibility or deductibility determinations, please contact our Office at (217) 785-1020 or (217) 785-5878.

Sincerely,



Melvin H. Smith
Division Director
Division of Petroleum and Chemical Safety

MHS/dl

cc: IEPA
Facility File



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 - (217) 782-2829
JAMES R. THOMPSON CENTER, 100 WEST RANDOLPH, SUITE 11-300, CHICAGO, IL 60601 - (312) 814-6026

ROD R. BLAGOJEVICH, GOVERNOR

DOUGLAS P. SCOTT, DIRECTOR

217/782-6762

CERTIFIED MAIL #

JUL 07 2008

7007 0220 0000 0149 3591

Illinois Ayers Oil Company
c/o CSD Environmental Services, Inc.
PO Box 20912
Springfield, Illinois 62708-0912

Re: LPC #1671203337 -- Sangamon County
Springfield/Illinois Ayers Oil Co.
430 Stanford Ave.
Leaking UST Incident No. 991372
Leaking UST Technical File

EPA-DIVISION OF RECORDS MANAGEMENT
RELEASABLE

FEB 10 2021

REVIEWER: SAB

Dear Sir or Madam:

The Illinois Environmental Protection Agency (Illinois EPA) has completed the review of your application for payment from the Underground Storage Tank (UST) Fund for the above-referenced Leaking UST incident pursuant to Section 57.8(a) of the Illinois Environmental Protection Act (Act) in effect prior to June 24, 2002, and 35 Illinois Administrative Code 732.Subpart F. This application for payment is dated September 27, 2007 and was received by the Illinois EPA on November 28, 2007. It covers the period from November 1, 1999 to March 31, 2007. The amount requested is \$88,090.50.

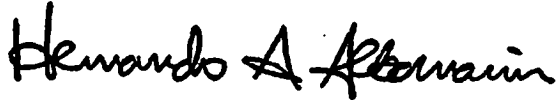
As a result of the Illinois EPA's review of the application for payment, a voucher for \$88,090.50 will be prepared for submission to the Comptroller's Office for payment as funds become available based upon the date the Illinois EPA received the application for payment. Subsequent applications for payment that have been or are submitted will be processed based upon the date of receipt by the Illinois EPA. This constitutes the Illinois EPA's final action with regard to the above application for payment.

Please note that this final decision was made after expiration of the 120-day period for reviewing applications for payment, as prescribed at Section 57.8(a)(1) of the Act. Because of this, some standard review procedures may not have been performed. Nothing about this final decision or the underlying review of the application for payment should be interpreted or referenced as representing a change in Illinois EPA standard review procedures for applications for payment.

Page 2

If you have any questions or require further assistance, please contact Clayton Bloome of my staff at 217/524-1288.

Sincerely,

A handwritten signature in black ink that reads "Hernando A. Albarracin". The signature is written in a cursive style with a large initial "H".

Hernando A. Albarracin, Manager
Leaking Underground Storage Tank Section
Division of Remediation Management
Bureau of Land

HAA:CTB

c: Joseph Truesdale, CSD Environmental Services, Inc.
Leaking UST Claims Unit

991372 HA

U.S. Postal Service
CERTIFIED MAIL RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

OFFICIAL USE

24	Postage \$	
24	Certified Fee	2.70
	Return Receipt Fee (Endorsement Required)	2.20
	Restricted Delivery Fee (Endorsement Required)	
	Total Postage & Fees	

Postmark: JUL 8 2008
SPS 62703

Sent To: Illinois Ayers Oil Company
 C/O CSD Environmental Services, Inc.
 P.O. Box 20912 Springfield, IL 62408-0912

PS Form 3800, April 2004

7007 0220 0000 0149 3591

991372 HA

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. <p>1. Article Addressed to:</p> <p>Illinois Ayers Oil Company C/O CSD Environmental Services, Inc. P.O. Box 20912 Springfield, IL 62408-0912</p> <p>2. Article Number (Transfer from service label)</p>	<p>A. Signature <input checked="" type="checkbox"/> Fischer Enterprises <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>B. Received by ON BEHALF OF ILLINOIS NATIONAL BANK C. Date of Delivery</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>3. Service type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540	

7007 0220 0000 0149 3591

UNITED STATES POSTAL SERVICE



First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

Illinois Environmental Protection Agency

P.O. Box 19276 Mail Code #

Springfield, IL 62794-9276

8030



STATE OF ILLINOIS

INVOICE VOUCHER

FY09

ENVIRONMENTAL PROTECTION AGENCY
 ENVIRONMENTAL PROTECTION AGCY
 1021 N GRAND AVE EAST
 SPRINGFIELD, IL 62794-9276

PAYMENT OF INTEREST MAY BE AVAILABLE IF THE STATE FAILS TO COMPLY WITH THE STATE PROMPT PAYMENTS ACT, 30 ILCS 540

2. Taxpayer Identification Number

370860487

3. Vendor or Payee

ILLINOIS AYERS OIL CO
 ATTN CSD ENVIRONMENTAL SERV
 POST OFFICE BOX 20912
 SPRINGFIELD IL 627080912

4. Voucher No. 13781

5. Voucher Date 07-20-09

6. Appropriation Account Code 072-53230-4400-00-00

7. Invoice Number 991372JUL9

8. Invoice Date 11-28-07

- DISPOSITION OF COPIES
- 1. Comptroller
 - 2. Agency
 - 3. Agency
 - 4. Remittance Copy
 - 5. Agency
 - 6. Agency
 - 7. Retained By Vendor

10. Indicate Beginning and Ending Date of Service and GAAP Code. Give Complete Description of Articles/Services Rendered or Attach Itemized Vendor Invoice.

11. Quantity

12. Units

13. Unit Price

14. Amount

CONTROL # /VENDOR INVOICE #/INV DATE /DOC
 0000014405/991372JUL9 /11-28-2007/4443

\$88,090.50

11011999 03312007 5300

FOR PAYMENT OF CORRECTIVE ACTION COSTS AT
 ILLINOIS AYERS OIL CO., 430 STANDFORD AVE
 SANGAMON COUNTY - SPRINGFIELD (THIS APPROP ALLOWS FOR PRIOR
 PURSUANT TO 415 ILCS 5/57.8, .57.9

FY PAYMENTS)

18. Exp. Obj.

19. Exp. Amount

20. CFDA No.

CONTRACTED PRIOR TO JULY 1ST

15. Subtotal

\$88,090.50

4443

\$88,090.50

22. Obligation No.

23. Payment Amount

16. Discount/Deduction

00

\$88,090.50

17. Total Amount

21. Total Exp.

\$88,090.50

24. Total Payment Amount

\$88,090.50

\$88,090.50

25. For Agency Use Only

REF DOC:
 SUBA: 30600
 SUB SUBA: LP60S
 BLANKET OBL#:

Certification of Receiving Agency

I certify that the goods or services specified on this voucher were for the use of this agency and that the expenditure for such goods or services was authorized and lawfully incurred, that such goods or services meet all the required standards set forth in the purchase agreement or contract to which this voucher relates; and that the amount shown on this voucher is correct and approved for payment. If applicable, the reporting requirements of Section 5.1 of the Governor's Office of Management and Budget Act have been met.

Approved for Payment

Receiving Officer

Date

Clerk

Head of Unit or Authorized Agent

Date

(Date)

Agency Head (Signature)

000267

Electronic Filing: Received, Clerk's Office 09/18/2024
~~TITLE XVI PAYMENT SUMMARY~~

Reviewer: Clayton Bloome Queue Date: 11/28/07 Initial Review Date: 7/3/08
Subject to Program: 732
LPC # & County: LPC #1671203337 -- Sangamon County PM: Bloome
Site Name: Springfield/Illinois Ayers Oil Co.
LUST Incident # 991372 Billing Period: 11/1/99 to 3/31/07
Early Action: _____ Site Class.: _____ Low Priority: _____ High Priority: _____
Free Product: _____ Site Invest.: _____ Corrective Action: XX

Amount requested for Corrective Action: 88,090.50
SUB TOTAL: \$88,090.50
Less: STANDARD DEDUCTIBLE: met

Less: DEDUCTIONS:

SUMMARY DATE: 7/3/08 ORIGINAL Q-DATE: _____
NFR DATE: _____
OPT-IN DATE: _____ Total Amount Due: \$88,090.50

Payee: Illinois Ayers Oil Company Facility: Illinois Ayers Oil Co.
Attention: c/o CSD Environmental Services, Inc. Address: 430 Stanford Ave.
City/State: Springfield/Illinois
Address: PO Box 20912 County: Sangamon
City/St./Zip: Springfield, Illinois 62708-0912

TITLE XVI

TO: Hernando Albarracin
FROM: Clayton Bloome

Initial Review Date: 7/3/08
Tech Project Manager: Bloome
Subject to Program: 732
Sent to Tech: _____

LPC # & County: LPC #1671203337 -- Sangamon County
Site City & Name: Springfield/Illinois Ayers Oil Co.
Site Address: 430 Stanford Ave.
LUST Incident # 991372
LUST / FISCAL FILE _____

The above referenced facility's consultants/contractors submission regarding invoices and billings has been reviewed.

The consultant/contractor in this billing package is: _____

Queue Date: 11/28/07 120 Day Date: 3/27/08
Revised Queue Date: _____ Revised 120 Day Date: _____

IEMA: _____ 59 Days After IEMA: _____
OSFM: _____ Date of 45 Day Report: _____
F.P. Discovered: _____ 45 Days After Free Product was Discovered: _____
E.A. Ext Date: _____ Date of Site Class. Comp. Report: _____
NFR Date: _____ Date of Site Invest. Comp. Report: _____
Opt-In Date: _____ Or Stage of Site Invest. work being billed: _____
Opt-In as New Owner: _____

of Eligible Tanks: _____ Tank Size: _____
Tank Pull: _____ Planned: _____ Not Planned: _____

The **Billing Period** for this claim covers: 11/1/99 to 3/31/07

The **Amount Requested** in this billing package is: \$88,090.50

The **Budget Amount Approved** for this site is: _____

The **Deductible Applied** to this billing package is: met

Early Action: _____ Site Class.: _____ Low Priority: _____ High Priority: _____
Free Product: _____ Site Invest.: _____ Corrective Action: XX

MANDATORY DOCUMENTS:

1. Payment Certification Form.
2. Owner/Operator & Professional Engineer/Geologist Billing Certification Form.
3. Private Insurance Coverage Questionnaire & Affidavit Forms.
4. Federal Taxpayer Identification Number &/or W-9 Form(s):
5. Copy of OSFM Eligibility / Deductibility Letter.
6. Women / Minority Business Enterprise Form.

Approved LUST Budget/Billing Tracking Summary

Project Manager CHRIS NICKELL

LUST Incident #: 991372
 LUST Site Name: SPRINGFIELD/ILLINOIS AYERCO #14
 Phase of Work being billed for: LP SC HP XX

APPROVED BUDGET AMOUNTS:

Budget Line Items	Approved Costs	Amendment #1	Amendment #2	Amendment #3	Amendment #4	Amendment #5	Approved Cumulative
Date of Approved Budget	4/7/2000	3/6/07				HCTBD	
1. Investigative Costs:	11,547.60	3,892.66					15,440.26
2. Analysis Costs:	41,460.00	4,398.35					45,858.35
3. Personnel:	53,590.00	49,588.72					103,178.72
4. Equipment:	4,325.00	875.60					5,200.60
5. Field Pur & Other:	224,217.82	49,659.64					273,877.46
6. Handling Charges:	8,289.07					4,907.50	13,196.57
Totals	343,429.49	108,414.97	0.00	0.00	0.00	4,907.50	456,751.96

HC to be determined at time of claim review

SUBMITTED BILLING AMOUNTS:

Billing Line Items	Billing #1	Billing #2	Billing #3	Billing #4	Billing #5	Billing #6	Billing Cumulative
Date of Billing	4/13/2000	5/15/00	4/10/01	6/7/05	3/19/07	11/28/07	
1. Investigative Costs:	1,785.23	0.00	3,966.04	5,796.33	574.59	0.00	12,122.19
2. Analysis Costs:	1,501.60	660.00	2,936.00	3,664.00	3,404.50	0.00	12,166.10
3. Personnel:	27,656.25	11,171.25	9,118.50	5,644.00	0.00	43,306.98	96,896.98
4. Equipment:	2,055.00	0.00	900.60	390.00	630.00	0.00	3,975.60
5. Field Pur & Other:	215,101.92	9,115.90	0.00	0.00	112.11	39,876.02	264,205.95
6. Handling Charges:	7,301.49	987.58	0.00	0.00	0.00	4,907.50	13,196.57
Totals	255,401.49	21,934.73	16,921.14	15,494.33	4,721.20	88,090.50	402,563.39

BILLING TO BUDGET DIFFERENTIALS:

Budget/Billing Line Items	Line Item Differences					
1. Investigative Costs:						3,318.07
2. Analysis Costs:						33,692.25
3. Personnel:						6,281.74
4. Equipment:						1,225.00
5. Field Pur & Other:						9,671.51
6. Handling Charges:						0.00

**QUEUE DATE TRACKING SHEET
LUST CLAIMS UNIT**

LPC # 1671203337
INCIDENT # 991372

QUEUE DATE: 11/28/2007 120-DAY DATE: 3/27/2008

SITE NAME: ILLINOIS AYERS OIL CO.

OWNER/ OPERATOR: ILLINOIS AYERS OIL CO.

CLASS CODE: HP PROGRAM: 732

AMOUNT REQUESTED: \$88,090.50

BILLING PERIOD FROM: 11/1/1999 TO: 3/31/2007

CONSULTANT: CSD ENVIRONMENTAL SERVICES, INC.

OPT-IN:

NFR:

SENT TO DIVISION FILE:

L.U.S.T Reimbursement Request #9
(for High Priority Corrective Action)

FILED
QueueDate
NOV 28 2007

LCU

Prepared for:

Illinois Ayers Oil Company

LPC# 167203337 – Sangamon County
Springfield / Illinois Ayers Oil Co. (Ayerco #14)
430 Stanford Avenue
LUST Incident(s)#991372

November 2007

L.U.S.T Reimbursement Request #9

(for High Priority Corrective Action)

Prepared for:

Illinois Ayers Oil Company

LPC# 1671203337 – Sangamon County
Springfield / Illinois Ayers Oil Co. (Ayerco #14)
430 Stanford Avenue

LUST Incident(s)#991372

Prepared by:

CSD Environmental Services, Inc.
2220 Yale Boulevard
Springfield, IL 62702

Phone: (217) 522-4085
Fax: (217) 522-4087

BUDGET AND BILLING FORM FOR LEAKING UNDERGROUND STORAGE TANK SITES

FILE NO.
QueueDate
NOV 28 2007

A. SITE INFORMATION

Site Name: Illinois Ayers Oil Company
Site Address: 430 Stanford Avenue City: Springfield
Zip: 62703
County: Sangamon IEPA Generator No.: 16712053337
IEMA Incident No.: 991372 IEMA Notification Date: June 8, 1999

LCU

Date this Form was Prepared: September 27, 2007

This form is being submitted as a:

- Budget Proposal
- Budget Amendment (Budget Amendments must include only the costs over the previous budget.)
- Amendment Number: _____
- Billing Package for costs incurred pursuant to 35 Illinois Administrative Code (IAC), Part 732 ("new program").

This form is being submitted for the Site Activities indicated below (check one):

<input type="checkbox"/> Early Action	<input type="checkbox"/> Site Classification
<input type="checkbox"/> Low Priority Corrective Action	<input checked="" type="checkbox"/> High Priority Corrective Action
<input type="checkbox"/> Other (indicate activities) _____	

DO NOT SUBMIT "NEW PROGRAM" COSTS AND "OLD PROGRAM" COSTS AT THE SAME TIME, ON THE SAME FORMS

IEMA No. 991372

If eligible for reimbursement, where should reimbursement checks be sent? Please note that only owners or operators of USTs may be eligible for reimbursement. Therefore, payment can only be made to an owner or operator.

Pay to the order of: Illinois Ayers Oil Company
 Send in care of: CSD Environmental Services, Inc.
 Address: PO Box 20912
 City: Springfield State: IL Zip: 62708-0912

Number of Petroleum USTs in Illinois presently owned or operated by the owner or operator; any subsidiary, parent or joint stock company of the owner or operator; and any company owned by any parent, subsidiary or joint stock company of the owner or operator:

Fewer than 101: X 101 or more: _____

Number of USTs at the site: 4 (Number of USTs includes USTs presently at the site and USTs that have been removed.)

Number of incidents reported to IEMA: One

Incident Numbers assigned to the site due to releases from USTs: 991372

Please list all tanks which have ever been located at the site and are presently located at the site.

Product Stored	Size (gallons)	Did UST have a release?	Incident No.	Type of Release
Unleaded Fuel	12000	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	991372	Spill / Overfill
Unleaded Fuel	12000	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	991372	Spill / Overfill
Unleaded Fuel	10000	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	991372	Spill / Overfill
Diesel Fuel	10000	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	991372	Spill / Overfill
		<input type="checkbox"/> Yes <input type="checkbox"/> No		
		<input type="checkbox"/> Yes <input type="checkbox"/> No		
		<input type="checkbox"/> Yes <input type="checkbox"/> No		
		<input type="checkbox"/> Yes <input type="checkbox"/> No		
		<input type="checkbox"/> Yes <input type="checkbox"/> No		
		<input type="checkbox"/> Yes <input type="checkbox"/> No		

D. PAYMENT CERTIFICATION - This certification must be included with every request for payment.

I, Carl Adams, Jr. the owner or operator of the LUST site for which this claim is being submitted, certify that \$ 88,090.50 is the amount being sought in this claim for reimbursement,

\$ 321,636.61 has already been reimbursed from the Fund for this occurrence and

\$ 54,885.49 has been sent to the Agency for reimbursement for this occurrence but has not yet been reimbursed. I further certify that the number of petroleum USTs in Illinois presently owned or operated by the owner or operator, any subsidiary, parent or joint stock company of the owner or operator, and any company owned by any parent, subsidiary or joint stock company of the owner or operator is:

Fewer than 101: X 101 or more:

Except for claims associated with Early Action, I certify that a plan for the work included in this billing package was approved by the Agency on 03/06/07; certify that a budget for the work included in this claim was approved by the Agency on 03/06/07; certify that the amount sought for payment was expended in conformance with the approved budget and approved plan.

I further certify that if the costs included in this claim for reimbursement are approved for payment, the following limitations will not be exceeded:

1. Payment of this claim will not result in the owner or operator receiving reimbursement of corrective action costs or indemnification costs from the Fund for more than \$1,000,000 per occurrence.
2. Payment of this claim will not result in the owner or operator receiving reimbursement of corrective action costs or indemnification costs from the Fund incurred during a calendar year in excess of the following amounts:

\$1,000,000, if fewer than 101 tanks are owned or operated in Illinois.
\$2,000,000, if 101 or more tanks are owned or operated in Illinois.

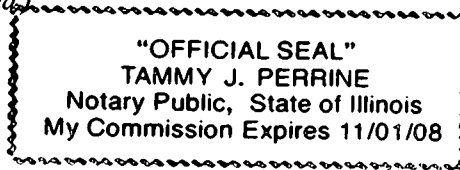
Owner/Operator: Carl Adams, Jr. Title: President

Signature: [Handwritten Signature] Date: 11/27/07

Subscribed and sworn to before me the 27th day of November, 20 07.
(This certification must be notarized when the certification is signed.)

Tammy J. Perrine
(Notary Public)

Seal:



Illinois Environmental Protection Agency

Owner/Operator and Professional Engineer / Professional Geologist Billing Certification Form for Leaking Underground Storage Tanks Sites

I hereby certify that the attached bills are for performing Corrective Action activities at Ayerco #14 (430 Stanford Ave., Springfield) LUST site for the billing period of November, 19 99 to March, 2007. I further certify that the costs included in this billing are not for corrective action in excess of the minimum requirements of 415 ILCS 5/57. I further certify that costs ineligible for payment from the Fund pursuant to 35 Illinois Administrative Code Section 732.606 are not included in this billing package. Such ineligible costs include but are not limited to:

- Costs associated with ineligible tanks.
- Costs associated with site restoration (e.g., pump islands, canopies).
- Costs associated with utility replacement (e.g., sewers, electrical, telephone, etc.).
- Costs incurred prior to IEMA notification.
- Costs associated with planned tank pulls.
- Legal defense costs.
- Costs incurred prior to July 28, 1989.
- Costs associated with installation of new USTs or the repair of existing USTs.

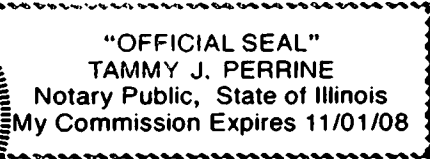
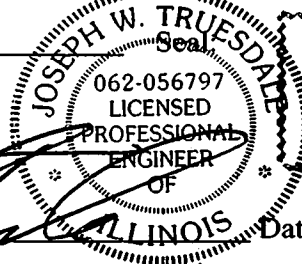
I further certify that this billing and all attachments thereto were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted therein. I affirm that the information is, to the best of my knowledge and belief, true, accurate and complete and the costs for remediating said LUST site are correct and reasonable. Such affirmation is made under penalty of perjury as defined in Section 32.2 of the Criminal Code of 1961, Ill. Rev. Stat. 1991, ch. 38, par. 32.2. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowingly committing violations.

Owner/Operator: Carl Adams, Jr. Title: President

Signature: [Signature] Date: 11/27/07

Subscribed and sworn to before me the 27th day of November, 2007.
(Budget Proposals and Budget Amendments must be notarized when the certification is signed.)

Tammy J Perrine
(Notary Public)

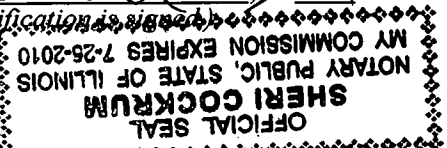


P.E. / P.G.: Joseph Truesdale

P.E. / P.G. Signature: [Signature] Date: 11/28/2007

Subscribed and sworn to before me the 28 day of November, 2007.
(Budget Proposals and Budget Amendments must be notarized when the certification is signed.)

[Signature]
(Notary Public)



The Agency is authorized to require this information under 415 ILCS 5/1. Disclosure of this information is required. Failure to do so may result in the delay or denial of any budget or payment requested hereunder. This form has been approved by the Forms Management Center.

C. APPROVED BUDGET SUMMARY AND BILLING SUMMARY

1. Amount approved in the Budget

1. Investigation Costs:	<u>\$ 15,440.26</u>
2. Analysis Costs:	<u>\$ 45,858.35</u>
3. Personnel Costs:	<u>\$ 103,178.72</u>
4. Equipment Costs:	<u>\$ 5,200.60</u>
5. Field Purchases and Other Costs:	<u>\$ 267,787.56</u>
6. Handling Charges:	<u>\$ -</u>
TOTAL APPROVED IN THE BUDGET:	<u>\$ 437,465.49</u>

2. Actual Amount Spent

1. Investigation Costs:	<u>\$ -</u>
2. Analysis Costs:	<u>\$ -</u>
3. Personnel Costs:	<u>\$ 43,306.98</u>
4. Equipment Costs:	<u>\$ -</u>
5. Field Purchases and Other Costs:	<u>\$ 39,876.02</u>
6. Handling Charges:	<u>\$ 4,907.50</u>
TOTAL AMOUNT SPENT:	<u>\$ 88,090.50</u>

X A budget for the bills included in this billing package was approved by the Agency on 12/21/1999 .

X This billing package includes bills which were included in the Budget Amendment dated Nov-06 ,
and approved by the Agency on 3/6/2006 .

Neither a budget nor a budget amendment were approved by the Agency for the bills included in this package.

G. PERSONNEL

All personnel costs that are not included elsewhere in the budget/billing form must be listed here. Costs must be listed per task, not personnel type. The following are some examples of tasks: Drafting, data collection, plan, report, or budget preparation for _____ (i.e., site classification work plan, 45 day report, or high priority corrective action budget), sampling, field oversight for _____ (i.e., drilling/well installation, corrective action, or early action), or maintenance of . The above list is not inclusive of all possible tasks.

Engineering Technician (Scientist IV) : 20 hours x \$ 72.00 per hour = \$ 1,440.00
(Title)

Task to be performed for the above hours: Off-site access and permit application / correspondence (inv. 3200)

Engineer (Engineer III) : 2.5 hours x \$ 114.00 per hour = \$ 285.00
(Title)

Task to be performed for the above hours: Off-site access and permit application / correspondence (inv. 3200)

Technical Support (Technician II) : 0.75 hours x \$ 48.00 per hour = \$ 36.00
(Title)

Task to be performed for the above hours: Off-site access and permit application / correspondence (inv. 3200)

Technical Support (Technician II) : 4 hours x \$ 48.00 per hour = \$ 192.00
(Title)

Task to be performed for the above hours: CA reimbursement request 3 administration & distribution (inv. 3200)

Clerical (Sr. Administrative Assistant) : 0.75 hours x \$ 48.00 per hour = \$ 36.00
(Title)

Task to be performed for the above hours: CA reimbursement request 3 administration & distribution (inv. 3200)

Geologist (Sr. Professional Geologist) : 0.5 hours x \$ 126.00 per hour = \$ 63.00
(Title)

Task to be performed for the above hours: Oversight for reimbursement request 3 preparation (inv. 3291)

Engineering Technician (Scientist IV) : 3 hours x \$ 72.00 per hour = \$ 216.00
(Title)

Task to be performed for the above hours: Groundwater reporting (elevation data tables and figures) (inv. 3291)

Technical Support (Technician II) : 7.25 hours x \$ 48.00 per hour = \$ 348.00
(Title)

Task to be performed for the above hours: Groundwater reporting (data QA/QC, reuction and evaluation) (inv. 3291)

Pg.1 Subtotal Personnel Costs : \$ 2,616.00

Engineer (Engineer III) : 3.75 hours x \$ 114.00 per hour = \$ 427.50
 (Title)

Task to be performed for the above hours: Groundwater reporting (1st year) (inv. 3291)

Sr. Professional Engineer : 1 hours x \$ 150.00 per hour = \$ 150.00
 (Title)

Task to be performed for the above hours: Groundwater reporting (inv. 3291)

Clerical : 2.5 hours x \$ 48.00 per hour = \$ 120.00
 (Title)

Task to be performed for the above hours: Field Investigation (sample labels, certifications and COC) (inv. 3291)

Staff Geologist (Geologist I) : 11.5 hours x \$ 72.00 per hour = \$ 828.00
 (Title)

Task to be performed for the above hours: Field Investigation (8/20 off-site investigation and sampling) (inv. 3291)

Engineer (Engineer III) : 3 hours x \$ 114.00 per hour = \$ 342.00
 (Title)

Task to be performed for the above hours: CA oversight (inv. 3291)

Field Supervisor (Project Manager) : 5 hours x \$ 90.00 per hour = \$ 450.00
 (Title)

Task to be performed for the above hours: CA field supervisor (8/23/01 groundwater sample collection) (inv. 3291)

Field Technician (Senior Technician) : 5 hours x \$ 66.00 per hour = \$ 330.00
 (Title)

Task to be performed for the above hours: Groundwater monitoring (purging, gauging and sampling) (inv. 3291)

Project Administrator : 5.5 hours x \$ 48.00 per hour = \$ 264.00
 (Title)

Task to be performed for the above hours: Groundwater reporting (data QA/QC, reuction and evaluation) (inv. 3377)

Engineer (Engineer III) : 4.75 hours x \$ 114.00 per hour = \$ 541.50
 (Title)

Task to be performed for the above hours: Groundwater reporting (1st semi annual) (inv. 3377)

Technical Support (Technician II) : 5 hours x \$ 48.00 per hour = \$ 240.00
 (Title)

Task to be performed for the above hours: Groundwater reporting (elevation data tables and figures) (inv. 3480)

Pg.2 Subtotal Personnel Costs : \$ 3,693.00

Engineer (Engineer III) : 30 hours x \$ 114.00 per hour = \$ 3,420.00
(Title)

Task to be performed for the above hours: CA oversight (inv. 3480)

Engineering Technician (Scientist IV) : 7 hours x \$ 72.00 per hour = \$ 504.00
(Title)

Task to be performed for the above hours: Groundwater reporting (inv. 3480)

Project Administrator : 3 hours x \$ 48.00 per hour = \$ 144.00
(Title)

Task to be performed for the above hours: Groundwater monitoring (sample labels and COC) (inv. 3480)

Field Supervisor (Project Manager) : 6 hours x \$ 90.00 per hour = \$ 540.00
(Title)

Task to be performed for the above hours: CA field supervisor (2/22/02 groundwater sample collection) (inv. 3480)

Field Technician (Senior Technician) : 7.5 hours x \$ 66.00 per hour = \$ 495.00
(Title)

Task to be performed for the above hours: Groundwater monitoring (purging, gauging and sampling) (inv. 3480)

Engineer (Engineer III) : 5.5 hours x \$ 114.00 per hour = \$ 627.00
(Title)

Task to be performed for the above hours: Groundwater reporting (inv. 3480)

Project Administrator : 0.5 hours x \$ 48.00 per hour = \$ 24.00
(Title)

Task to be performed for the above hours: Groundwater monitoring (inv. 3721)

Technical Support (Technician II) : 3 hours x \$ 48.00 per hour = \$ 144.00
(Title)

Task to be performed for the above hours: Groundwater monitoring (sample labels and COC) (inv. 3721)

Engineer (Engineer III) : 3 hours x \$ 114.00 per hour = \$ 342.00
(Title)

Task to be performed for the above hours: CA oversight (inv. 3721)

Technical Support (Technician II) : 10.75 hours x \$ 48.00 per hour = \$ 516.00
(Title)

Task to be performed for the above hours: Groundwater monitoring (well gauging and elevation data) (inv. 3721)

Pg.3 Subtotal Personnel Costs : \$ 6,756.00

<u>Field Technician (Senior Technician)</u> (Title)	: <u>7.5</u> hours x <u>\$ 66.00</u> per hour = <u>\$ 495.00</u>
Task to be performed for the above hours:	<u>Groundwater monitoring (8/27/02 purging and sampling) (inv. 3721)</u>
<u>Staff Engineer (Engineer II)</u> (Title)	: <u>7.5</u> hours x <u>\$ 96.00</u> per hour = <u>\$ 720.00</u>
Task to be performed for the above hours:	<u>Groundwater reporting (inv. 3721)</u>
<u>Sr. Engineer (Engineer III)</u> (Title)	: <u>2.5</u> hours x <u>\$ 114.00</u> per hour = <u>\$ 285.00</u>
Task to be performed for the above hours:	<u>Groundwater reporting (inv. 3721)</u>
<u>Staff Engineer (Engineer II)</u> (Title)	: <u>31</u> hours x <u>\$ 96.00</u> per hour = <u>\$ 2,976.00</u>
Task to be performed for the above hours:	<u>Prepare documentation of excavation and disposal (inv 3721)</u>
<u>Sr. Engineer (Engineer III)</u> (Title)	: <u>6</u> hours x <u>\$ 114.00</u> per hour = <u>\$ 684.00</u>
Task to be performed for the above hours:	<u>Prepare documentation of excavation and disposal (inv 3721)</u>
<u>Project Administrator</u> (Title)	: <u>0.5</u> hours x <u>\$ 48.00</u> per hour = <u>\$ 24.00</u>
Task to be performed for the above hours:	<u>Prepare documentation of excavation and disposal (inv 3721)</u>
<u>Sr. Engineer (Engineer III)</u> (Title)	: <u>19.5</u> hours x <u>\$ 114.00</u> per hour = <u>\$ 2,223.00</u>
Task to be performed for the above hours:	<u>CAP and budget ammendment (inv. 3943)</u>
<u>Staff Engineer (Engineer II)</u> (Title)	: <u>49.5</u> hours x <u>\$ 96.00</u> per hour = <u>\$ 4,752.00</u>
Task to be performed for the above hours:	<u>CAP and budget ammendment (inv. 3943)</u>
<u>Engineering Technician (Scientist IV)</u> (Title)	: <u>9.5</u> hours x <u>\$ 72.00</u> per hour = <u>\$ 684.00</u>
Task to be performed for the above hours:	<u>Drafting for CAP and budget ammendment (inv. 3943)</u>
<u>Sr. Project Manager</u> (Title)	: <u>14.5</u> hours x <u>\$ 114.00</u> per hour = <u>\$ 1,653.00</u>
Task to be performed for the above hours:	<u>CA field supervisor (inv 4185)</u>
<u>Sr. Professional Engineer</u> (Title)	: <u>1</u> hours x <u>\$ 130.00</u> per hour = <u>\$ 130.00</u>
Task to be performed for the above hours:	<u>Groundwater monitoring (inv 4185)</u>
Pg.4 Subtotal Personnel Costs :	<u>\$ 14,626.00</u>

<u>Sr. Engineer (Engineer III)</u> (Title)	:	<u>7.75</u>	hours x	<u>\$ 96.00</u>	per hour =	<u>\$ 744.00</u>
Task to be performed for the above hours: <u>Groundwater monitoring (groundwater sample collection) (inv. 4185)</u>						
<u>Field Technician (Senior Technician)</u> (Title)	:	<u>7</u>	hours x	<u>\$ 66.00</u>	per hour =	<u>\$ 462.00</u>
Task to be performed for the above hours: <u>Groundwater monitoring (8/15/03 purging and sampling) (inv. 4185)</u>						
<u>Environmental Scientist (Scientis III)</u> (Title)	:	<u>0.5</u>	hours x	<u>\$ 72.00</u>	per hour =	<u>\$ 36.00</u>
Task to be performed for the above hours: <u>Groundwater monitoring (inv. 4185)</u>						
<u>Sr. Scientist</u> (Title)	:	<u>1.25</u>	hours x	<u>\$ 85.00</u>	per hour =	<u>\$ 106.25</u>
Task to be performed for the above hours: <u>Drafting for CAP and budget ammendment (inv. 4801)</u>						
<u>Sr. Professional Engineer</u> (Title)	:	<u>7</u>	hours x	<u>\$ 137.00</u>	per hour =	<u>\$ 959.00</u>
Task to be performed for the above hours: <u>Data evaluation and CAP development (inv. 4801)</u>						
<u>Sr. Account Technician</u> (Title)	:	<u>3.75</u>	hours x	<u>\$ 60.00</u>	per hour =	<u>\$ 225.00</u>
Task to be performed for the above hours: <u>CAP and budget amendment preparation (inv. 4801)</u>						
<u>Engineer IV (Sr. Project Manager)</u> (Title)	:	<u>39.5</u>	hours x	<u>\$ 100.00</u>	per hour =	<u>\$ 3,950.00</u>
Task to be performed for the above hours: <u>CAP and budget amendment preparation (inv. 4801)</u>						
<u>Sr. Account Technician</u> (Title)	:	<u>8</u>	hours x	<u>\$ 60.00</u>	per hour =	<u>\$ 480.00</u>
Task to be performed for the above hours: <u>CA reimbursement request 4 preparation (inv. 4858)</u>						
<u>Sr. Professional Engineer</u> (Title)	:	<u>6.5</u>	hours x	<u>\$ 137.00</u>	per hour =	<u>\$ 890.50</u>
Task to be performed for the above hours: <u>CA reimbursement request 4 preparation (inv. 4858)</u>						
<u>Sr. Professional Geologist</u> (Title)	:	<u>1</u>	hours x	<u>\$ 137.00</u>	per hour =	<u>\$ 137.00</u>
Task to be performed for the above hours: <u>CA reimbursement request 4 review and certification (inv. 4858)</u>						
<u>Sr. Account Technician</u> (Title)	:	<u>3.5</u>	hours x	<u>\$ 60.00</u>	per hour =	<u>\$ 210.00</u>
Task to be performed for the above hours: <u>CA reimbursement request 4 administration & distribution (inv. 4858)</u>						
Pg.5 Subtotal Personnel Costs :				<u>\$ 8,199.75</u>		

<u>Engineer IV (Sr. Project Manager)</u> (Title)	: <u>14.75</u> hours x <u>\$ 100.00</u> per hour = <u>\$ 1,475.00</u>
Task to be performed for the above hours:	<u>Exposure route evaluation and GW ordinance review (inv. 4858)</u>
<u>Engineer III</u> (Title)	: <u>15.25</u> hours x <u>\$ 102.79</u> per hour = <u>\$ 1,567.55</u>
Task to be performed for the above hours:	<u>CAP and budget amendment preparation (inv. 5566)</u>
<u>Scientist I</u> (Title)	: <u>4</u> hours x <u>\$ 61.67</u> per hour = <u>\$ 246.68</u>
Task to be performed for the above hours:	<u>Data review and reduction for CAP and budget amendment (inv. 5566)</u>
<u>Sr. Professional Engineer</u> (Title)	: <u>19.25</u> hours x <u>\$ 133.63</u> per hour = <u>\$ 2,572.38</u>
Task to be performed for the above hours:	<u>CAP & budget amendment review & P.E. certification (inv. 5566 & 5593)</u>
<u>Scientist I</u> (Title)	: <u>2</u> hours x <u>\$ 61.67</u> per hour = <u>\$ 123.34</u>
Task to be performed for the above hours:	<u>CAP and Budget amendment administration and distribution (inv. 5593)</u>
<u>Sr. Administrative Assistant</u> (Title)	: <u>2</u> hours x <u>\$ 46.26</u> per hour = <u>\$ 92.52</u>
Task to be performed for the above hours:	<u>CAP and Budget amendment administration and distribution (inv. 5593)</u>
<u>Sr. Professional Engineer</u> (Title)	: <u>1</u> hours x <u>\$ 133.63</u> per hour = <u>\$ 133.63</u>
Task to be performed for the above hours:	<u>Client and regulatory agency correspondence (inv. 07-00155)</u>
<u>Sr. Professional Engineer</u> (Title)	: <u>0.25</u> hours x <u>\$ 133.63</u> per hour = <u>\$ 33.41</u>
Task to be performed for the above hours:	<u>Professional oversight for investigation (inv. 07-00298)</u>
<u>Scientist I</u> (Title)	: <u>4</u> hours x <u>\$ 61.67</u> per hour = <u>\$ 246.68</u>
Task to be performed for the above hours:	<u>CA reimbursement request preparation (inv. 07-00298)</u>
<u>Sr. Account Technician</u> (Title)	: <u>14</u> hours x <u>\$ 56.53</u> per hour = <u>\$ 791.42</u>
Task to be performed for the above hours:	<u>CA reimbursement request preparation (inv. 07-00298)</u>
<u>Sr. Professional Engineer</u> (Title)	: <u>1</u> hours x <u>\$ 133.63</u> per hour = <u>\$ 133.63</u>
Task to be performed for the above hours:	<u>Client and regulatory agency correspondence (inv. 07-00298)</u>
Pg.6 Subtotal Personnel Costs :	<u>\$ 7,416.23</u>
TOTAL PERSONNEL COSTS:	<u>\$ 43,306.98</u>

Other Costs - A listing and description of all other costs which will be/were incurred and are not specifically listed on this form should be attached. The listing should include a cost breakdown in a time and materials format.

Other Costs	Quantity	Price/Item	Total Costs	Do Handling Charges Apply?
Photocopying	222	\$ 0.07	\$ 15.54	No
Excavation & Transportation (Krumsiek)	654 cy.	\$ 27.28	\$ 17,841.31	Yes
Disposal (Waste Management)	654 cy.	\$ 30.00	\$ 19,619.01	Yes
Backfill (Krumsiek)	123.68 cy.	\$ 19.40	\$ 2,400.16	Yes
			\$ -	
			\$ -	

TOTAL OTHER COSTS = \$ 39,876.02

Subtotal Page I-1	\$ -
Total Pages I-1 and I-2	\$ 39,876.02

J. HANDLING CHARGES

Handling charges are eligible for payment on subcontractor billings and/or field purchases only if they are equal to or less than the amounts determined by the following table:

<p>Subcontractor or Field Purchase Cost</p> <p>\$1 - \$5,000</p> <p>\$5,001 - \$15,000</p> <p>\$15,001 - \$50,000</p> <p>\$50,001 - \$100,000</p> <p>\$100,001 - \$1,000,000</p>	<p>Eligible Handling Charges as a Percentage of Cost</p> <p>12%</p> <p>\$600 + 10% of amt. Over \$5,000</p> <p>\$1,600 + 8% of amt. Over \$15,000</p> <p>\$4,400 + 5% of amt. Over \$50,000</p> <p>\$6,900 + 2% of amt. Over \$100,000</p>
--	--

A. Subcontractor Charges

Subcontractor	Section in these Forms where Cost is Listed	Subcontract Amount
Prairie Analytical L12757 (4/9/01 request)	Analysis	\$ 1,072.00
Prairie Analytical L13930 (4/9/01 request)	Analysis	\$ 880.00
Prairie Analytical L14024 (4/9/01 request)	Analysis	\$ 52.00
Prairie Analytical L15052 (4/9/01 request)	Analysis	\$ 880.00
Cornbelt Driling # 22 (4/9/01 request)	Investigation	\$ 3,966.04
Prairie Analytical L16130 (6/1/05 request)	Analysis	\$ 624.00
Prairie Analytical L17866 (6/1/05 request)	Analysis	\$ 1,080.00
Prairie Analytical L17878 (6/1/05 request)	Analysis	\$ 1,960.00
Heartland Drilling # 42 (3/1/07 request)	Investigation	\$ 6,370.92
Prairie Analytical L19371 (3/1/07 request)	Analysis	\$ 1,800.00
Suburban Analytical 55568 (3/1/07 request)	Analysis	\$ 800.00
Suburban Analytical 60720 (3/1/07 request)	Analysis	\$ 804.50
Subtotal J-1 Subtotal:		\$ 20,289.46

The appearance of some of the images

Following this page is due to

Poor Quality Original Documents

and not the scanning or filming processes.

Com Microfilm Company

(217) 525-5860



KRUMSIEK EXCAVATING, INC.
 P.O. Box 772
 TAYLORVILLE, IL 62563
 PH. (217) 924-9726

Electronic Filing Received, Clerk's Office 09/18/2024

Invoice

DATE **INVOICE #**

12/31/1999

1659

BILL TO

Illinois Ayers Oil Co.
 P. O. Box 772
 Quincy, IL 62305

DESCRIPTION **AMOUNT**

Job #1958 Ayers Springfield - Stanford Ave.

11/22/99 #33 moving contaminated dirt on site 5 hrs.	300.00
416 stockpiling contaminated dirt on site 14.5 hrs.	370.00
Visqueen for stockpiled contaminated dirt.	253.24
20 bales of straw for stockpiled contaminated soil.	74.00
Laborer getting visqueen and straw then cover stockpile of soil.	227.50
11/30/99 320 move contaminated dirt from concrete to stockpile 3 hrs.	300.00
12/02/99 Operator travel 1 hr.	35.00
416 load contaminated dirt onto trucks 5 hrs.	300.00
320 move and load contaminated dirt onto trucks 5 hrs.	300.00
#33 haul contaminated dirt on site 5 hrs.	300.00
12/03/99 Operator travel 1 hr.	35.00
320 move and load contaminated dirt onto trucks 8 hrs.	900.00
#34 haul contaminated dirt 2.5 hrs.	150.00
416 move contaminated dirt 2.5 hrs.	390.00
#33 haul contaminated dirt 8 hrs.	480.00
12/06/99 416 move and load contaminated dirt onto trucks 4 hrs.	240.00
320 move and load contaminated dirt onto trucks 8 hrs.	900.00
Mobilize Bobcat and install tracks 3 hrs.	165.00
#33 haul contaminated dirt and clean dirt to Wabash site 5 hrs.	420.00
Bobcat with tracks, move contaminated dirt 6 hrs.	405.00
Operator travel 1 hr.	35.00
12/07/99 Bobcat with tracks, move contaminated dirt 6.5 hrs.	438.75
Demobilize Bobcat and remove tracks 2.5	137.50
12/08/99 416 move contaminated dirt to stockpile 1 hr	60.00

Thank you for your business.

TOTAL



KRUMSIEK EXCAVATING, INC.
 P.O. Box 772
 TAYLORVILLE, IL 62568
 PH. (217) 824-9729

Electronic Filing: Received, Clerk's Office 09/18/2024

Invoice

DATE INVOICE #

12/31/1999

1659

BILL TO:

Illinois Ayers Oil Co.
 P. O. Box 772
 Quincy, IL 62306

14

Land
 1801

DESCRIPTION	AMOUNT
12/22/99 320 move contaminated soil 4.5 hrs.	450.00
416 stockpile contaminated soil 4.5 hrs.	270.00
12/30/99 65.17 tons of CA-6.	358.88
39.38 tons of RR 1.	292.72
Bobcat move mud and spread rock 3 hrs.	180.00
Mobilize and demobilize Bobcat 1 hr.	55.00
#33 haul RR 1 3 hrs.	180.00
Lytle haul CA-6 4 hrs.	240.00

83755
 1,280.00

TOTAL \$9,728.59

Thank you for your business.

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KRUMSIEK EXCAVATING, INC.
 P.O. BOX 588
 TAYLOR, MO 64686
 PH. (217) 524-9725

Invoice

Electronic Filing: Received, Clerk's Office 09/18/2024

DATE INVOICE #

01/11/2000

1663

BILL TO

Illinois Ayers Oil Co.
 P. O. Box 772
 Quincy, IL 62306

DESCRIPTION	AMOUNT
Job #1953 - Springfield, IL	
01/03/00 Mobilize 320 2.5 hrs.	175.00
01/04/00 #34 haul contaminated soil 2.5 hrs.	150.00
#33 haul contaminated soil 7.5 hrs.	450.00
320 load contaminated soil 8 hrs.	300.00
Operator travel 1 hr.	35.00
Lyle haul contaminated soil 7 hrs.	420.00
Lyle haul contaminated soil 7 hrs.	420.00
Lascody haul contaminated soil 5 hrs.	304.98
Lascody haul contaminated soil 6.5	396.47
01/05/00 #34 haul contaminated soil 8.5 hrs.	510.00
320 load contaminated soil 7 hrs.	700.00
Operator travel 1 hr.	35.00
#33 haul contaminated soil and CA-6 7.5 hrs.	450.00
18.46 tons of CA-6.	95.99
Lascody haul contaminated soil 6 hrs.	360.00
Curry haul contaminated soil 6 hrs.	360.00
Curry haul contaminated soil 5.5 hrs.	330.00
01/06/00 320 load contaminated soil and spread rock 6 hrs.	600.00
Operator travel 1 hr.	35.00
#33 haul contaminated soil and CA-6 7.5	450.00
41.47 tons of CA-6.	215.64
#33 haul contaminated soil 3.5 hrs.	210.00
Laborer travel 1 hr.	35.00
Esborn shot grades 2.5 hrs.	87.50
Service truck.	50.00
Mileage for service truck 54 miles.	20.48
Laser	50.00

Thank you for your business.

TOTAL

© 1997 EXHIBIT REC. #121 1 200 133-0810



KRUMSIEK EXCAVATING, INC.
 P.O. Box 772
 TAYLORVILLE, IL 62368
 PH. (217) 824-9725

Electronic Filing: Received, Clerk's Office 09/18/2024

Invoice

DATE	INVOICE #
------	-----------

01/11/2000

1665

BILL TO:

Illinois Ayers Oil Co.
 P. O. Box 772
 Quincy, IL 62306

#14

Land
 1801

DESCRIPTION	AMOUNT
01/07/00 Laborer travel 1 hr.	35.00
Laborer shot grades 5 hrs.	175.00
Laser	50.00
Service truck	50.00
Mileage for service truck 71 miles.	22.72
Operator travel 1 hr.	35.00
320 level and load contaminated soil 5 hrs.	500.00
#33 haul CA-6 and contaminated soil 7.5 hrs	450.00
20.54 tons of CA-6.	106.81
01/10/00 Operator travel 1 hr.	35.00
320 load contaminated soil 1.5 hrs.	150.00
#33 haul contaminated soil 2.5 hrs.	150.00
Demobilize 320 1.5 hrs.	105.00
Visqueen liners for trucks, 726.63 tons.	908.29

83755
 1-28-00

TOTAL 310,518.58

Thank you for your business.

© 1987 INTRUST INC. 1 601 1-800-350-1610

Date Range: 01/01/2000 - 01/31/2000

All Trucks, Customer:0003247

Cust #: 0003247

Cust Name: CSD ENVIRONMENTAL SERVICES

Date	Ticket	Truck # Generator	Profile	Manifest	Commodity Code	Tkt Yds	Fee	Site Yards	Tons	Fees
1/4/200	121722	KE33	010300					15.00	20.340	\$549.18
		ILLINOIS AYERS OIL CO.			725	15.00	\$549.18 T			
1/4/200	121723	LYTLE4	010300					18.00	25.680	\$693.36
		ILLINOIS AYERS OIL CO.			725	18.00	\$693.36 T			
1/4/200	121725	LYTLE26	010300					18.00	22.350	\$603.45
		ILLINOIS AYERS OIL CO.			725	18.00	\$603.45 T			
1/4/200	121741	KE33	010300					15.00	21.650	\$584.55
		ILLINOIS AYERS OIL CO.			725	15.00	\$584.55 T			
1/4/200	121745	LYTLE4	010300					18.00	29.630	\$557.01
		ILLINOIS AYERS OIL CO.			725	18.00	\$557.01 T			
1/4/200	121746	LYTLE26	010300					18.00	23.530	\$635.31
		ILLINOIS AYERS OIL CO.			725	18.00	\$635.31 T			
1/4/200	121753	LAS44	010300					18.00	18.200	\$491.40
		ILLINOIS AYERS OIL CO.			725	18.00	\$491.40 T			
1/4/200	121752	KE33	010300					15.00	19.760	\$533.52
		ILLINOIS AYERS OIL CO.			725	15.00	\$533.52 T			
1/4/200	121774	LYTLE4	010300					18.00	21.110	\$569.97
		ILLINOIS AYERS OIL CO.			725	18.00	\$569.97 T			
1/4/200	121775	LYTLE26	010300					18.00	21.070	\$568.89
		ILLINOIS AYERS OIL CO.			725	18.00	\$568.89 T			
1/4/200	121778	LAS44	010300					18.00	15.490	\$418.23
		ILLINOIS AYERS OIL CO.			725	18.00	\$418.23 T			
1/4/200	121787	KE33	010300					15.00	19.660	\$530.82
		ILLINOIS AYERS OIL CO.			725	15.00	\$530.82 T			
1/4/200	121790	KRM34	010300					15.00	17.400	\$469.80
		ILLINOIS AYERS OIL CO.								

Date Range: 01/01/2000 - 01/31/2000

All Trucks, Customer:0003247

Cust #: 0003247

Cust Name: CSD ENVIRONMENTAL SERVICES

Date	Ticket	Truck # Generator	Profile	Manifest	Commodity Code	Tkt Yds	Fee	Site Yards	Tons	Fees
					725	15.00	\$469.20	T		
1/4/200	121793	LYTLE4	010300					16.00	19.630	\$530.01
		ILLINOIS AYERS OIL CO.			725	13.00	\$530.01	T		
1/4/200	121794	LYTLE26	010300					18.00	21.720	\$586.44
		ILLINOIS AYERS OIL CO.			725	18.00	\$586.44	T		
1/5/200	121810	LAS44	010300					18.00	15.160	\$409.32
		ILLINOIS AYERS OIL CO.			725	18.00	\$409.32	T		
1/5/200	121812	CUR819	010300					18.00	14.380	\$388.26
		ILLINOIS AYERS OIL CO.			725	18.00	\$388.26	T		
1/5/200	121817	KE34	010300					18.00	15.490	\$418.23
		ILLINOIS AYERS OIL CO.			725	18.00	\$418.23	T		
1/5/200	121824	KE33	010300					15.00	19.270	\$520.29
		ILLINOIS AYERS OIL CO.			725	15.00	\$520.29	T		
1/5/200	121827	CUR723	010300					18.00	14.490	\$391.23
		ILLINOIS AYERS OIL CO.			725	18.00	\$391.23	T		
1/5/200	121833	CURE19	010300					18.00	16.640	\$449.28
		ILLINOIS AYERS OIL CO.			725	13.00	\$449.28	T		
1/5/200	121839	KE34	010300					18.00	18.420	\$497.34
		ILLINOIS AYERS OIL CO.			725	13.00	\$497.34	T		
1/5/200	121841	LAS44	010300					18.00	14.770	\$398.79
		ILLINOIS AYERS OIL CO.			725	18.00	\$398.79	T		
1/5/200	121849	CUR723	010300					18.00	19.100	\$515.70
		ILLINOIS AYERS OIL CO.			725	13.00	\$515.70	T		
1/5/200	121851	KE33	010300					15.00	19.990	\$539.73
		ILLINOIS AYERS OIL CO.			725	15.00	\$539.73	T		

Date Range: 01/01/2000 - 01/31/2000

All Trucks, Customer:0003247

Cust #: 0003247

Cust Name: CSD ENVIRONMENTAL SERVICES

Date	Ticket	Truck #, Generator	Profile	Manifest	Commodity Code	Tkt Yds	Fee	Site Yards	Tons	Fees
1/5/200	121867	CUR619	010300							
		ILLINOIS AYERS OIL CO.						19.00	15.740	\$424.98
					725	19.00	\$424.98	T		
1/5/200	121871	LAS44	010300							
		ILLINOIS AYERS OIL CO.						18.00	15.120	\$408.24
					725	18.00	\$408.24	T		
1/5/200	121873	KRM34	010300							
		ILLINOIS AYERS OIL CO.						15.00	17.050	\$460.35
					725	15.00	\$460.35	T		
1/5/200	121883	CUR723	010300							
		ILLINOIS AYERS OIL CO.						18.00	14.410	\$389.07
					725	18.00	\$389.07	T		
1/5/200	121884	KE33	010300							
		ILLINOIS AYERS OIL CO.						15.00	18.890	\$510.03
					725	15.00	\$510.03	T		
1/5/200	121899	KRM34	010300							
		ILLINOIS AYERS OIL CO.						15.00	18.320	\$494.64
					725	15.00	\$494.64	T		
1/5/200	121907	KE33	010300							
		ILLINOIS AYERS OIL CO.						15.00	18.320	\$494.64
					725	15.00	\$494.64	T		
1/6/200	121935	KE34	010300							
		ILLINOIS AYERS OIL CO.						18.00	17.780	\$480.06
					725	18.00	\$480.06	T		
1/6/200	121940	KE33	010300							
		ILLINOIS AYERS OIL CO.						15.00	18.100	\$488.70
					725	15.00	\$488.70	T		
1/6/200	121959	KE34	010300							
		ILLINOIS AYERS OIL CO.						18.00	18.140	\$489.76
					725	18.00	\$489.76	T		
1/6/200	122008	KE33	010300							
		ILLINOIS AYERS OIL CO.						15.00	21.210	\$572.67
					725	15.00	\$572.67	T		
1/7/200	122085	KE33	010300							
		ILLINOIS AYERS OIL CO.						15.00	18.770	\$506.79
					725	15.00	\$506.79	T		
1/7/200	122133	KE33	010300							
		ILLINOIS AYERS OIL CO.						15.00	22.910	\$618.57

All Trucks, Customer:0003247

Cust #: 0003247

Cust Name: CSD ENVIRONMENTAL SERVICES

Date	Ticket	Truck # Generator	Profile	Manifest	Code	Commodity Tkt Yds	Fee	Site Yards	Tons	Fees
					725	15.00	\$618.57	T		
1/10/20	122195	KE33	010300					15.00	15.940	\$430.38
		ILLINOIS AYERS OIL CO.			725	15.00	\$430.38	T		
		39			Totals:			654.00	725.630	\$19,619.01

Invoice

2220 Yale Blvd.
Springfield, IL 62703

DATE	INVOICE #
6/5/2001	3200

BILL TO
Illinois Ayers Oil Company P. O. Box 772 Hwy 24 & Interstate 172 Quincy, IL 62306

PROJECT NAME & NO.
#991372-CA/430 Stanford

JUN -5 2001

DUE DATE
7/5/2001

ITEM	DESCRIPTION	QTY	RATE	SERVICED	AMOUNT
Tom Locher	Engineering Tech	5.5	72.00	4/5/2001	-396.00
Ron Moss	Professional Engineer	1	150.00	4/6/2001	150.00
Tom Locher	Engineering Tech	1	72.00	4/6/2001	72.00
Sheri Cockrum	Clerical	1.5	48.00	4/9/2001	72.00
Tom Locher	Engineering Tech	4.5	72.00	4/9/2001	324.00
M Simmering	Field Supervisor	4	90.00	4/13/2001	360.00
Truck	Per Day	1	60.00	4/13/2001	60.00
Mileage	Mileage	4	0.45	4/13/2001	1.80
Survey Equip...	Per Day	1	60.00	4/13/2001	60.00
Joe Truesdale	Engineer	0.5	114.00	4/13/2001	57.00
Judi Miles	Technical Support	1	48.00	4/17/2001	48.00
Joe Truesdale	Engineer	2	114.00	4/18/2001	228.00
Tom Locher	Engineering Tech	7	72.00	4/19/2001	504.00
Joe Truesdale	Engineer	1	114.00	4/19/2001	114.00
Tom Locher	Engineering Tech	7	72.00	4/20/2001	504.00
Judi Miles	Technical Support	0.75	48.00	4/25/2001	36.00
Judi Miles	Technical Support	0.5	48.00	4/30/2001	24.00
Judi Miles	Technical Support	2.5	48.00	5/2/2001	120.00
Tom Locher	Engineering Tech	1	72.00	5/7/2001	72.00
Tom Locher	Engineering Tech	2	72.00	5/8/2001	144.00
Joe Truesdale	Engineer	1	114.00	5/8/2001	114.00
Tom Locher	Engineering Tech	3	72.00	5/9/2001	216.00
Judi Miles	Technical Support	1	48.00	5/15/2001	48.00
photocoping		222	0.07	5/7/2001	15.54
	photocopying, paper & copier use				
Sheri Cockrum	Clerical	0.75	48.00	5/22/2001	36.00

* PAID IN AGENCY LETTER OCT 04 2005

Total \$3,776.34

060299 29.00

Invoice



2220 YALE BOULEVARD SPRINGFIELD, ILLINOIS 62703
 PHONE: 217-522-4085 FAX: 217-522-4087

DATE	INVOICE #
9/12/2001	3291

PAID

BILL TO
 Illinois Ayers Oil
 P. O. Box 772
 Hgwy 24 & Interstate 172
 Quincy, IL 62306

PROJECT NAME & NO.
 #991372-CA/430 Stanford

DUE DATE
10/12/2001

SERVICED	CLASS	QTY	RATE	ITEM	DESCRIPTION	AMOUNT
3/22/2001		0.5	126.00	Cindy Davis	Geologis	63.00
5/22/2001		1	72.00	Tom Locher	Engineering Tech	72.00
5/22/2001		0.75	114.00	Joe Truesdale	Engineer	85.50
5/23/2001		0.5	72.00	Tom Locher	Engineering Tech	36.00
6/19/2001		0.75	48.00	Judi Miles	Technical Support	36.00
6/26/2001		1	150.00	Ron Moss	Professional Engineer	150.00
7/11/2001		0.25	72.00	Tom Locher	Engineering Tech	18.00
7/16/2001		0.25	72.00	Tom Locher	Engineering Tech	18.00
7/24/2001		5.25	48.00	Melanie Flaherty	Technical Support	252.00
7/24/2001		2	114.00	Joe Truesdale	Engineer	228.00
7/26/2001		1.25	48.00	Melanie Flaherty	Technical Support	60.00
7/27/2001		1	114.00	Joe Truesdale	Engineer	114.00
8/3/2001		0.5	72.00	Tom Locher	Engineering Tech	36.00
8/9/2001		2	48.00	Sheri Cockrum	Clerical	96.00
8/10/2001		0.5	72.00	Tom Locher	Engineering Tech	36.00
8/20/2001		0.5	48.00	Sheri Cockrum	Clerical	24.00
8/20/2001		5	72.00	Rob McEvoy	Staff Geologist	360.00
8/20/2001		3	114.00	Joe Truesdale	Engineer	342.00
8/21/2001		6.5	72.00	Rob McEvoy	Staff Geologist	468.00
8/23/2001		5	90.00	M Simmering	Field Supervisor	450.00
8/23/2001		10	12.00	Bailers	Bailers	120.00
8/23/2001		1	60.00	pH/Temp/Redox Meter	Per Day	60.00
8/23/2001		1	30.00	Water Level Indicator	Water Level Indicator/Per Day	30.00
8/23/2001		1	60.00	Truck	Per Day	60.00
8/23/2001		8	0.45	Mileage	Mileage	-3.60
8/23/2001		5	66.00	Pete Correll	Field Technician	330.00
9/4/2001			1,080.00		Prairie Analytical Inv. L17866	-1,080.00
9/10/2001			1,960.00		Prairie Analytical Inv. L17878	-1,960.00
					Total Reimbursable Expenses	-3,040.00
			12.00%		Markup	-364.80
					Total Reimbursable Expenses	-3,404.80

* PAID IN AGENCY LETTER OCT 04 2005

* PAID IN AGENCY LETTER OCT 04 2005	Total	\$6,952.90
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3274.50
000300

Invoice



2220 YALE BOULEVARD SPRINGFIELD, ILLINOIS 62703
 PHONE: 217-522-4085 FAX: 217-522-4087

DATE	INVOICE #
12/17/2001	3377

PROJECT NAME & NO.
#991372-CA/430 Stanford

BILL TO
Illinois Ayers Oil P. O. Box 772 Hgwy 24 & Interstate 172 Quincy, IL 62306

DUE DATE
1/17/2002

SERVICED	CLASS	QTY	RATE	ITEM	DESCRIPTION	AMOUNT
9/13/2001		2.5	48.00	Judi Miles	Project Administrator	120.00
9/19/2001		0.75	114.00	Joe Truesdale	Engineer	85.50
9/25/2001		1	114.00	Joe Truesdale	Engineer	114.00
9/26/2001		0.5	48.00	Judi Miles	Project Administrator	24.00
10/2/2001		2.25	48.00	Sheri Cockrum	Project Administrator	108.00
10/2/2001		0.25	48.00	Judi Miles	Project Administrator	12.00
10/10/2001		3	114.00	Joe Truesdale	Engineer	342.00
10/4/2001			6,370.92		Heartland Drilling & Remediation Inv. #42	-6,370.92 * 574.59
			12.00%		Total Reimbursable Expenses Markup	-6,370.92 764.51
				Reimb Group	Total Reimbursable Expenses	7,135.43
11/26/2001			54.00		Moss, Johnson Inv.	-54.00
			12.00%		Total Reimbursable Expenses Markup	-54.00 -6.48
					Total Reimbursable Expenses	-60.48

* PAID \$ 5796.93 OF \$ 6370.92 IN AGENCY LETTER
 OCT 04 2005; REMAINING \$ 574.59 ~~OVER BUDGET~~
 PAID IN AGENCY LETTER NOV 02 2007

Total	\$8,001.41
--------------	------------

\$ 1433.59
 \$ 805.00
 0003

Attachment A
Accounting Deductions

Re: LPC #1671203337 -- Sangamon County
Springfield/Illinois Ayers Oil Company
430 Stanford Avenue
LUST Incident No. 991372
LUST Fiscal File

Citations in this attachment are from and the Environmental Protection Act (Act) and 35 Illinois Administrative Code (35 Ill. Adm. Code).

Item # Description of Deductions

1. \$7,191.04, deduction for costs associated with High Priority site activities. The billings submitted exceed the approved budget amounts. The Illinois EPA is unable to approve billings that exceed the approved budget amounts. (Section 57.8(a)(1) of the Act and 35 Ill. Adm. Code 732.601(f))

- a.) ~~Investigation Costs = \$574,59.0~~
- b.) Personnel Costs = \$6,074.00
- c.) Field Purchases and Other Costs = \$96.29
- d.) ~~Handling Charges = \$446,16.7~~

DT:me\050934.doc

IEMA No. 991372

June 2005

J. HANDLING CHARGES

Handling charges are eligible for payment on subcontractor billings and/or field purchases only if they are equal to or less than the amounts determined by the following table:

Subcontractor or Field Purchase Cost	Eligible Handling Charges as a Percentage of Cost
\$1 - \$5,000	12%
\$5,001 - \$15,000	\$600 + 10% of amt. Over \$5,000
\$15,001 - \$50,000	\$1,600 + 8% of amt. Over \$15,000
\$50,001 - \$100,000	\$4,400 + 5% of amt. Over \$50,000
\$100,001 - \$1,000,000	\$6,900 + 2% of amt. Over \$100,000

A. Subcontractor Charges

Subcontractor	Section in these Forms where Cost is Listed	Subcontract Amount
Prairie Analytical L16130, L17866, L17878	F-1 & F-2	\$3,664.00
Heartland Drilling # 42	E-1 & E-2	\$6,370.92
Moss Johnson	I-1 & I-2	\$54.00
**Note- CSD is not requesting handling charges on Heartland Drilling Inv.		
		Subtotal J-1 Subtotal: <u>\$3,718.00</u>

ATTACHMENT A
Accounting Deductions

Re: LPC #1671203337 -- Sangamon County
Springfield/Illinois Ayers Oil Company
430 Stanford Avenue
LUST Incident No. 991372
LUST FILE

NOTE: Citations in this attachment are from 35 Illinois Administrative Code (35 IAC) and the Illinois Environmental Protection Act (Act).

Item # Description of Deductions

1. \$983.13, deduction for costs associated with High Priority site activities. The ~~billings submitted exceed the approved budget amounts.~~ The Agency is unable to approve billings that exceed the approved budget amounts. (Section 57.8(A)(1) of the Act and 35 IAC Section 732.601(f)).

a. Field Purchases & Other Costs \$154.17

b. ~~Handling Charges~~ ~~\$828.96~~

983.13

DMT:mls\012004.doc

A.) 3014 - cut photocopying 4.20
" mileage 19.35
23.55

A.) 2931 photo - 98.14
98.14

B) 3014 - mark-up 699.60
total 3014 1723.15

A.) 2957 - cut ups 6.04
B) mileage 8.10
photo 18.34
32.48

B) 2957 mark-up 129.36
total 2957 161.84

J. HANDLING CHARGES

Handling charges are eligible for payment on subcontractor billings and/or field purchases only if they are equal to or less than the amounts determined by the following table:

Subcontractor or Field Purchase Cost	Eligible Handling Charges as a Percentage of Cost
\$1 - \$5,000	12%
\$5,001 - \$15,000	\$600 + 10% of amt. Over \$5,000
\$15,001 - \$50,000	\$1,600 + 8% of amt. Over \$15,000
\$50,001 - \$100,000	\$4,400 + 5% of amt. Over \$50,000
\$100,001 - \$1,000,000	\$6,900 + 2% of amt. Over \$100,000

A. Subcontractor Charges

Subcontractor	Section in these Forms where Cost is Listed	Subcontract Amount
Prairie Analytical #12757	F	\$1,072.00
Prairie Analytical #13930	F	\$880.00
Prairie Analytical #14024	F	\$52.00
Prairie Analytical #15204	F	\$52.00
Prairie Analytical #15052	F	\$880.00
ComBelt Drilling #22	E	\$3,966.04
Subtotal J-1 Subtotal: \$ 6,902.04		

Invoice



220 YALE BOULEVARD SPRINGFIELD, ILLINOIS 62703
 PHONE: 217-622-4085 FAX: 217-622-4087

DATE	INVOICE #
5/15/2002	3480

PROJECT NAME & NO.
#991372-CA/430 Stanford

BILL TO
Illinois Ayers Oil P. O. Box 772 Hgwy 24 & Interstate 172 Quincy, IL 62306

DUE DATE
6/15/2002

SERVICED	CLASS	QTY	RATE	ITEM	DESCRIPTION	AMOUNT
12/18/2001		5	48.00	Melanie Flaherty	Technical Support	240.00
12/18/2001		0.25	48.00	Sheri Cockrum	Project Administrator	12.00
12/18/2001		1.5	114.00	Joe Truesdale	Engineer	171.00
1/7/2002		0.5	114.00	Joe Truesdale	Engineer	57.00
1/8/2002		3.5	114.00	Joe Truesdale	Engineer	399.00
1/11/2002		2.5	114.00	Joe Truesdale	Engineer	285.00
1/14/2002		1.25	72.00	Tom Locher	Engineering Tech	90.00
1/14/2002		5	114.00	Joe Truesdale	Engineer	570.00
1/15/2002		2	114.00	Joe Truesdale	Engineer	228.00
1/16/2002		2.5	114.00	Joe Truesdale	Engineer	285.00
1/17/2002		1.5	72.00	Tom Locher	Engineering Tech	108.00
1/18/2002		3	72.00	Tom Locher	Engineering Tech	216.00
1/18/2002		2	114.00	Joe Truesdale	Engineer	228.00
1/21/2002		2.25	48.00	Sheri Cockrum	Project Administrator	108.00
1/21/2002		3	114.00	Joe Truesdale	Engineer	342.00
1/22/2002		1	72.00	Tom Locher	Engineering Tech	72.00
1/22/2002		5.5	114.00	Joe Truesdale	Engineer	627.00
1/25/2002		2	114.00	Joe Truesdale	Engineer	228.00
2/22/2002		6	90.00	M Simmering	Field Manager	540.00
2/22/2002		10	12.00	Bailers	Bailers	120.00
2/22/2002		1	30.00	Water Level Indicator	Water Level Indicator/Per Day	30.00
2/22/2002		1	60.00	Truck	Per Day	60.00
2/22/2002		10	0.45	Mileage	Mileage	4.50
2/22/2002		7.5	66.00	Pete Correll	Field Technician	495.00
3/14/2002		0.25	72.00	Tom Locher	Engineering Tech	18.00
3/10/2002			2,250.00	Reimb Group	Prairie Analytical Inv. L19371	-2,250.00
					Total Reimbursable Expenses	-2,250.00
			12.00%		Markup	270.00
					Total Reimbursable Expenses	2,520.00
3/6/2002		2	114.00	Joe Truesdale	Engineer	228.00
3/7/2002		2	114.00	Joe Truesdale	Engineer	228.00
3/18/2002		1.5	114.00	Joe Truesdale	Engineer	171.00

	Total
--	--------------

Invoice



DATE	INVOICE #
5/15/2002	3480

PROJECT NAME & NO.
#991372-CA/430 Stanford

BILL TO
Illinois Ayers Oil P. O. Box 772 Hgwy 24 & Interstate 172 Quincy, IL 62306

DUE DATE
6/15/2002

SERVICED	CLASS	QTY	RATE	ITEM	DESCRIPTION	AMOUNT
3/25/2002		0.5	48.00	Sherl Cockrum	Project Administrator	24.00

	Total	\$8,704.50
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CSD Environmental Services Inc.

2220 Yale Blvd.
Springfield, IL 62703

Invoice

DATE	INVOICE #
12/4/2002	3721

BILL TO
Illinois Ayers Oil Company P. O. Box 772 Hwy 24 & Interstate 172 Quincy, IL 62306

PROJECT NAME & NO.
#991372-CA/430 Stanford

DUE DATE
1/4/2003

ITEM	DESCRIPTION	QTY	RATE	SERVICED	AMOUNT
		0.5	48.00	5/15/2002	24.00
Sheri Cockr...	Project Administrator	3	48.00	6/7/2002	144.00
April Lamb	Technical Support	2	114.00	6/7/2002	228.00
Joe Truesdale	Sr Engineer	7.5	48.00	6/11/2002	360.00
April Lamb	Technical Support	3.25	48.00	6/12/2002	156.00
April Lamb	Technical Support	1	114.00	8/26/2002	114.00
Joe Truesdale	Sr Engineer	7.5	66.00	8/27/2002	495.00
Pete Correll	Field Technician	10	12.00	8/27/2002	120.00
Bailers	Bailers	1	30.00	8/27/2002	30.00
Water Level...	Water Level Indicator/Per Day	1	60.00	8/27/2002	60.00
Truck	Per Day	5	0.45	8/27/2002	2.25
Mileage	Mileage	1.5	114.00	9/6/2002	171.00
Joe Truesdale	Sr Engineer	1.5	96.00	9/19/2002	144.00
Mike Prigge	Staff Engineer	1	114.00	9/19/2002	114.00
Joe Truesdale	Sr Engineer	6	96.00	9/23/2002	576.00
Mike Prigge	Staff Engineer	6.5	96.00	9/24/2002	624.00
Mike Prigge	Staff Engineer	6	96.00	9/25/2002	576.00
Mike Prigge	Staff Engineer	4.5	96.00	9/26/2002	432.00
Mike Prigge	Staff Engineer	1.5	114.00	9/27/2002	171.00
Joe Truesdale	Sr Engineer	3	96.00	9/27/2002	288.00
Mike Prigge	Staff Engineer	2.5	96.00	9/30/2002	240.00
Mike Prigge	Staff Engineer				
Reimb Group	Surburban Labs Inv. 55568		800.00	9/16/2002	800.00
	Total Reimbursable Expenses				800.00
	Markup		12.00%		96.00
	Total Reimbursable Expenses				896.00
Joe Truesdale	Sr Engineer	0.5	114.00	9/30/2002	57.00
Joe Truesdale	Sr Engineer	1	114.00	10/1/2002	114.00
Joe Truesdale	Sr Engineer	1	114.00	10/2/2002	114.00
Joe Truesdale	Sr Engineer	5.5	96.00	10/7/2002	528.00
Mike Prigge	Staff Engineer	1	114.00	10/7/2002	114.00
Joe Truesdale	Sr Engineer				
Total					

CSD Environmental Services Inc.

2220 Yale Blvd.
Springfield, IL 62703

Invoice

DATE	INVOICE #
12/4/2002	3721

BILL TO
Illinois Ayers Oil Company P. O. Box 772 Hwy 24 & Interstate 172 Quincy, IL 62306

PROJECT NAME & NO.
#991372-CA/430 Stanford

DUE DATE
1/4/2003

ITEM	DESCRIPTION	QTY	RATE	SERVICED	AMOUNT
Joe Truesdale	Sr Engineer	1	114.00	10/9/2002	114.00
Mike Prigge	Staff Engineer	3	96.00	10/14/2002	288.00
Total					\$7,294.25

ICSD Environmental Services, Inc.			
2220 Yale Blvd.			
Springfield, IL 62703			
217/522-4085			
Client Charges			
Client: <i>03 eve 01# 14</i>			
Employee: <i>Pete Couvelli</i>			
	Quantity		Quantity
Date: <i>8-27</i>			
Item		Item	
Air Compressor		Hotel (\$)	
Bailers	<i>10</i>	Per diem	
Blower		Mileage	<i>5</i>
Boot Covers		Other	
Carbon Treatment		Ice	
Computer-Telog			
Concrete -bags			
Drum - 55 gal			
D.O. Meter			
EnCore Sampler			
Filter			
Gloves - Nitrile			
Gloves - Poly			
Gloves - Other			
Hand Auger			
L.E.L. Meter			
ORC Socks			
Pump			
pH Meter			
PID			
Respirator/day			
Respirator Cartridges			
Safety Glasses			
SoakEase - 2 inch			
SoakEase - 4 inch			
Tyveks			
Trailer			
Truck	<i>1</i>		
Water Level Indicator	<i>1</i>		
Well Caps			

POSTED
OCT 11 2002

OCT 11 2002

CSD Environmental Services Inc.

2220 Yale Blvd.
Springfield, IL 62703

Invoice

DATE	INVOICE #
4/2/2003	3943

BILL TO
Illinois Ayers Oil Company P. O. Box 772 Hwy 24 & Interstate 172 Quincy, IL 62306

PROJECT NAME & NO.
#991372-CA/430 Stanford

APR -3 2003

DUE DATE
5/2/2003

ITEM	DESCRIPTION	QTY	RATE	SERVICED	AMOUNT
Sheri Cockr...	Project Administrator	0.5	48.00	12/16/2002	24.00
Joe Truesdale	Sr Engineer	1	114.00	2/24/2003	114.00
Mike Prigge	Staff Engineer	5	96.00	2/27/2003	480.00
Mike Prigge	Staff Engineer	4	96.00	3/3/2003	384.00
Joe Truesdale	Sr Engineer	0.5	114.00	3/3/2003	57.00
Mike Prigge	Staff Engineer	7	96.00	3/4/2003	672.00
Mike Prigge	Staff Engineer	5.5	96.00	3/5/2003	528.00
Mike Prigge	Staff Engineer	7	96.00	3/6/2003	672.00
Tom Locher	Engineering Tech	1.5	72.00	3/6/2003	108.00
Mike Prigge	Staff Engineer	7	96.00	3/7/2003	672.00
Tom Locher	Engineering Tech	3	72.00	3/7/2003	216.00
Joe Truesdale	Sr Engineer	2	114.00	3/7/2003	228.00
Mike Prigge	Staff Engineer	7	96.00	3/10/2003	672.00
Tom Locher	Engineering Tech	3.5	72.00	3/11/2003	252.00
Mike Prigge	Staff Engineer	7	96.00	3/11/2003	672.00
Joe Truesdale	Sr Engineer	3	114.00	3/11/2003	342.00
Tom Locher	Engineering Tech	1.5	72.00	3/12/2003	108.00
photocoping		178	0.07	4/2/2003	12.46
	photocopying, paper & copier use				
Joe Truesdale	Sr Engineer	3	114.00	3/24/2003	342.00
Joe Truesdale	Sr Engineer	1	114.00	3/25/2003	114.00
Joe Truesdale	Sr Engineer	1	114.00	3/26/2003	114.00
Joe Truesdale	Sr Engineer	3	114.00	3/27/2003	342.00
Joe Truesdale	Sr Engineer	5	114.00	3/28/2003	570.00
				Total:	\$7,695.46

Electronic Filing: Received, Clerk's Office 09/18/2024

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Ayaco #14-Stanford

CSD-Environmental Services Inc.
 2220 Yale Blvd.
 Springfield, IL 62703

Invoice

DATE	INVOICE #
10/13/2003	4185

BILL TO
Illinois Ayers Oil Company P. O. Box 772 Hgwy 24 & Interstate 172 Quincy, IL 62306

PROJECT NAME & NO.
#991372-CA/430 Stanford

OCT 13 2003

DUE DATE
11/13/2003

ITEM	DESCRIPTION	QTY	RATE	SERVICED	AMOUNT
Reimb Group	ups (samples)		25.73	9/5/2003	25.73
	ups (additional charge)		5.00	9/5/2003	5.00
	Total Reimbursable Expenses				30.73
	Markup		12.00%		3.69
	Total Reimbursable Expenses				34.42
Reimb Group	Surburban Labs Inv. 60720		804.50	9/5/2003	804.50
	Total Reimbursable Expenses				804.50
	Markup		12.00%		96.54
	Total Reimbursable Expenses				901.04
Katharine Si...	Sr. Project Manager	2	114.00	7/24/2003	228.00
Mike Prigge	Staff Engineer	5	96.00	7/24/2003	480.00
Katharine Si...	Sr. Project Manager	2	114.00	7/25/2003	228.00
J Truesdale	Professional Engineer	1	130.00	8/14/2003	130.00
Pete Correll	Field Technician	7	66.00	8/15/2003	462.00
Brandon Du...	Technical Support	0.5	48.00	8/18/2003	24.00
Mike Prigge	Staff Engineer	2.5	96.00	9/17/2003	240.00
Katharine Si...	Sr. Project Manager	0.5	114.00	9/24/2003	57.00
Katharine Si...	Sr. Project Manager	2.5	114.00	9/25/2003	285.00
Katharine Si...	Sr. Project Manager	3.5	114.00	9/26/2003	399.00
Tom Locher	Environmental Scientist	0.5	72.00	9/29/2003	36.00
Katharine Si...	Sr. Project Manager	2	114.00	9/29/2003	228.00
Katharine Si...	Sr. Project Manager	2	114.00	9/30/2003	228.00
Ballers	Ballers	10	12.00	8/15/2003	120.00
Water Level...	Water Level Indicator/Per Day	1	30.00	8/15/2003	30.00
Truck	Per Day	1	60.00	8/15/2003	60.00
Mileage	Mileage	6	0.45	8/15/2003	2.70
				Total	\$4,173.16



Delivery Service Invoice
 Invoice date **August 23, 2003**
 Invoice number **00005E8939343**
 Shipper number **5E8939**
 Page 4 of 4

Adjustments & Other Charges

Shipping Charge Corrections

Pickup Date	Tracking Number	Original Service/Corrected Service	ZIP Code	Zone	Weight	Published Charge	Incentive Credit	Billed Charge	Adjustment Amount
08/18	1Z5E89390140404351	Next Day Air Additional Handling 1st ref: Tri Star Sender : C S D ENVIROMENTALS SVS SPRINGFIELD IL 62703	60563	103		5.00		5.00	5.00
									Receiver: First Environmental Lab NAPERVILLE IL 60563
	1Z5E89390140491767	Next Day Air Additional Handling Sender : C S D ENVIROMENTALS SVS SPRINGFIELD IL 62703	60162	103		5.00		5.00	5.00
									Receiver: Suburban Laboratories Hillside IL 60162
08/21	1Z5E89390140714472	Next Day Air Additional Handling 1st ref: Midwest-Columbia Sender : C S D ENVIROMENTALS SVS SPRINGFIELD IL 62703	60162	103		5.00		5.00	5.00
									Receiver: Suburban Laboratories Hillside IL 60162
									3 Package(s)
Total Shipping Charge Corrections									15.00
Total Adjustments & Other Charges									15.00

ICSD Environmental Services, Inc.			
2220 Yale Blvd.			
Springfield, IL 62703			
217/522-4085			
Client Charges			
Client: <i>Quercus 14</i>			
Employee: <i>Pete Corvelli</i>			
		Quantity	Quantity
Date: <i>8-15-03</i>			
Item			Item
Air Compressor			Hotel (\$)
Bailers	<i>10</i>		Per diem
Blower			Mileage <i>6</i>
Boot Covers			Other
Carbon Treatment			Ice
Computer-Telog			
Concrete -bags			
Drum - 55 gal			
D.O. Meter			
EnCore Sampler			
Filter			
Gloves - Nitrile			
Gloves - Poly			
Gloves - Other			
Hand Auger			
L.E.L. Meter			
ORC Socks			
Pump			
pH Meter			
PID			
Respirator/day			
Respirator Cartridges			
Safety Glasses			
SoakEase - 2 inch			
SoakEase - 4 inch			
Tyveks			
Trailer			
Truck	<i>1</i>		
Water Level Indicator	<i>1</i>		
Well Caps			

POSTED
OCT 10 2003

Invoice



220 YALE BOULEVARD SPRINGFIELD, ILLINOIS 62703
 PHONE: 217-522-4085 FAX: 217-522-4087

DATE	INVOICE #
4/12/2005	4801

PROJECT NAME & NO.
#991372-CA/430 Stanford

BILL TO
Illinois Ayers Oil P. O. Box 772 Hgwy 24 & Interstate 172 Quincy, IL 62306

DUE DATE
5/12/2005

SERVICED	CLASS	QTY	RATE	ITEM	DESCRIPTION	AMOUNT
12/28/2004		1.25	137.00	J Truesdale	Sr. Professional Engineer	171.25
12/30/2004		0.25	60.00	Sheri Cockrum	Sr. Account Technician	15.00
1/25/2005		1	137.00	J Truesdale	Sr. Professional Engineer	137.00
1/27/2005		2	137.00	J Truesdale	Sr. Professional Engineer	274.00
1/28/2005		2.75	137.00	J Truesdale	Sr. Professional Engineer	376.75
3/15/2005		3.75	100.00	K Blumhorst	Engineer IV	375.00
3/16/2005		6.25	100.00	K Blumhorst	Engineer IV	625.00
3/17/2005		6	100.00	K Blumhorst	Engineer IV	600.00
3/18/2005		3	100.00	K Blumhorst	Engineer IV	300.00
3/21/2005		4.25	100.00	K Blumhorst	Engineer IV	425.00
3/22/2005		7.25	100.00	K Blumhorst	Engineer IV	725.00
3/23/2005		3.25	100.00	K Blumhorst	Engineer IV	325.00
3/25/2005		2.5	100.00	K Blumhorst	Engineer IV	250.00
3/25/2005		2.25	100.00	K Blumhorst	Engineer IV	225.00
3/28/2005		3.5	60.00	Sheri Cockrum	Sr. Account Technician	210.00
3/28/2005		0.25	85.00	Tom Locher	Sr. Scientist	21.25
3/29/2005		1	85.00	Tom Locher	Sr. Scientist	85.00
3/30/2005		1	100.00	K Blumhorst	Engineer IV	100.00
3/31/2005						
Total						\$5,240.25

CSD Environmental Services Inc.

2220 Yale Blvd.
Springfield, IL 62703

Invoice

DATE	INVOICE NO.
9/16/2005	4858

BILL TO
Illinois Ayers Oil Company P. O. Box 772 Hwy 24 & Interstate 172 Quincy, IL 62306

SEP 16 2005

Due Date	PROJECT
10/16/2005	#991372-CA/430 Stanford

DATE	ITEM	DESCRIPTION	QTY	RATE	AMOUNT
3/16/2005	J Truesdale	Sr. Professional Engineer	1.5	137.00	205.50
4/4/2005	K Blumhorst	Engineer IV	4.5	100.00	450.00
4/12/2005	K Blumhorst	Engineer IV	4.25	100.00	425.00
4/13/2005	Sheri Cockr...	Sr. Account Technician	0.25	60.00	15.00
4/21/2005	Cindy Davis	Sr. Professional Geologist	0.5	137.00	68.50
4/26/2005	K Blumhorst	Engineer IV	1.25	100.00	125.00
4/26/2005	Sheri Cockr...	Sr. Account Technician	0.5	60.00	30.00
4/27/2005	Sheri Cockr...	Sr. Account Technician	2	60.00	120.00
4/28/2005	Sheri Cockr...	Sr. Account Technician	2.5	60.00	150.00
5/1/2005	Cindy Davis	Sr. Professional Geologist	0.5	137.00	68.50
5/2/2005	K Blumhorst	Engineer IV	2.25	100.00	225.00
5/5/2005	K Blumhorst	Engineer IV	2.5	100.00	250.00
5/5/2005	Sheri Cockr...	Sr. Account Technician	1.5	60.00	90.00
5/12/2005	Sheri Cockr...	Sr. Account Technician	1.25	60.00	75.00
6/1/2005	Sheri Cockr...	Sr. Account Technician	2	60.00	120.00
6/7/2005		photocopying	160	0.07	11.20
		photocopying, paper & copier use			
6/6/2005	Sheri Cockr...	Sr. Account Technician	1.5	60.00	90.00
4/26/2005	J Truesdale	Sr. Professional Engineer	1	137.00	137.00
4/28/2005	J Truesdale	Sr. Professional Engineer	0.75	137.00	102.75
4/29/2005	J Truesdale	Sr. Professional Engineer	2	137.00	274.00
5/5/2005	J Truesdale	Sr. Professional Engineer	0.5	137.00	68.50
5/12/2005	J Truesdale	Sr. Professional Engineer	0.75	137.00	102.75
6/20/2005	Reimb Group	ups		3.72	3.72
		Total Reimbursable Expenses			3.72
		Markup		12.00%	0.45
		Total Reimbursable Expenses			4.17
Total					\$3,207.87

00000000000000000000

NUMBER OF COPIES PER ACCOUNT

ACCOUNT NUMBER	NUMBER OF COPIES MADE	MAXIMUM
00001	000000	000000
00002	000000	000000
00003	000000	000000
00004	000000	000000
00005	000000	000000
00006	000014	000000
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00049	000160	000000
11111	001643	000000

Ayerco # 14

Delivery Service Invoice

Invoice date **June 11, 2005**
 Invoice number **00005E8939245**
 Shipper number **5E8939**
 Page 3 of 3

Outbound

UPS OnLine WorldShip

Pickup Date	Pickup Record	Message Codes	Number of Packages	Published Charge	Incentive Credit	Billed Charge
06/06	9183445692	Willard St - Mt Zion	1	3.77		3.77
	9183445703	Ayerco #11 - P. 12	1	3.77		3.77
	9183445714	Shifra - Chatham Square (Samples)	1	18.89	-1.89	17.00
	9183445725	Ayerco #14 - Stanford	1	3.72		3.72
06/07	9183445736	Ayerco #4 - Clear Lake (Samples)	1	61.05	-6.11	54.94
	9183445740	Ayerco #23 - Carthage	1	3.72		3.72
	9183445751	Ayerco #28 - Mackinac	1	3.72		3.72
06/09	9183445762	Midwest - Blue Mountain (Samples) & Decatur	1	23.00	-2.30	20.70
06/10	9183445773	Midwest - Decatur	1	3.72		3.72
Total UPS OnLine WorldShip			9 Package(s)	125.36	-10.30	115.06
Total Outbound			9 Package(s)	125.36	-10.30	115.06

Electronic Filing: Received, Clerk's Office 09/18/2024

US Environmental Services, Inc.
DAILY SHIPMENT DETAIL REPORT
06/06/05 01:52 PM

Print Date: 06/06/05
Print Record No.: 9183445 72 5

UPS Account No.: 5E8939
Sorted By: Order of Shipment

No.	Address	Shipment Detail	Options	Reference Rate Charges
	Ship To: Carl Adams, Jr. Illinois Ayers Oil Company Highway 24 & 336 Junction QUINCY IL 62301	Service Type: UPS GROUND Total Packages: 1 Hundredweight: No Billable Wt.: 1.0 Billing Option: Prepaid Package Ref No. 1: #14 Stanford- (to big to e-mail)	Shipment Service Charge:	\$ 3.62
		Tracking No.: 1Z5E89390343089970 Package Type: Package Weight: 1.0 Package Ref No. 1: #14 Stanford- (to big to e-mail)	Package Service Charge: Shipper Amt: UPS Total Charge:	\$ 3.62 \$ 3.62 \$ 3.62

Summary Totals:

Shipment Option	Shpts	Pkgs	Ref Charges	Billing Option	Shpts	Pkgs	Ref Charges
Package Option				Prepaid	1	1	\$ 3.62
				TOTAL CHARGES			\$ 3.62

1 Shipment(s)
1 Package(s)



Invoice

DATE	INVOICE NO.
12/21/2006	5566

BILL TO
Illinois Ayers Oil P. O. Box 772 Hwy 24 & Interstate 172 Quincy, IL 62306

Due Date	PROJECT
1/21/2007	#991372-CA/430 St...

DATE	ITEM	DESCRIPTION	QTY	RATE	AMOUNT
11/13/2006	Truesdale/Sr. P...	Sr. Professional Engineer	2	133.63	267.26
11/14/2006	Prigge/Eng III	Engineer III Working on plan revisions, revisions to figures, etc.	2.75	102.79	282.67
11/14/2006	Truesdale/Sr. P...	Sr. Professional Engineer	2	133.63	267.26
11/16/2006	Prigge/Eng III	Engineer III Reviewing budget, some items not matching what the CAP says, rates and titles may need to be edited	2.25	102.79	231.28
11/16/2006	Prigge/Eng III	Engineer III Working on CAP. Some major revisions still needed to text and attachments past page 24 or so where Joe stopped reviewing. Making revisions to plan,	3.75	102.79	385.46
11/16/2006	Truesdale/Sr. P...	Sr. Professional Engineer	2	133.63	267.26
11/17/2006	Grimsley/Sci I	Scientist I worked on the lab reports	1	61.67	61.67
11/17/2006	Prigge/Eng III	Engineer III Preparing budget and making revisions	2.75	102.79	282.67
11/17/2006	Prigge/Eng III	Engineer III Finishing up CAP and attachments, making last revisions, writing cover letter.	3.75	102.79	385.46
11/20/2006	Grimsley/Sci I	Scientist I Spreadsheet updates of lab results	3	61.67	185.01
11/20/2006	Truesdale/Sr. P...	Sr. Professional Engineer CA Plan Review & Preparation	0.25	133.63	33.41
11/21/2006	Truesdale/Sr. P...	Sr. Professional Engineer	1	133.63	133.63
11/22/2006	Truesdale/Sr. P...	Sr. Professional Engineer	2.5	133.63	334.08
11/28/2006	Truesdale/Sr. P...	Sr. Professional Engineer	0.75	133.63	100.22
Total					\$3,217.34



Invoice

DATE	INVOICE NO.
12/27/2006	5593

BILL TO
Illinois Ayers Oil P. O. Box 772 Hwy 24 & Interstate 172 Quincy, IL 62306

Due Date	PROJECT
12/27/2006	#991372-CA/430 St...

DATE	ITEM	DESCRIPTION	QTY	RATE	AMOUNT
12/11/2006	Truesdale/Sr. P...	Sr. Professional Engineer	0.75	133.63	100.22
12/11/2006	Truesdale/Sr. P...	Sr. Professional Engineer	0.25	133.63	33.41
12/12/2006	Truesdale/Sr. P...	Sr. Professional Engineer	0.25	133.63	33.41
12/12/2006	Truesdale/Sr. P...	Sr. Professional Engineer	1.5	133.63	200.45
12/13/2006	Truesdale/Sr. P...	Sr. Professional Engineer	2	133.63	267.26
12/13/2006	Truesdale/Sr. P...	Sr. Professional Engineer	2	133.63	267.26
12/14/2006	Truesdale/Sr. P...	Sr. Professional Engineer	0.5	133.63	66.82
12/15/2006	Truesdale/Sr. P...	Sr. Professional Engineer	0.5	133.63	66.82
12/18/2006	Grimsley/Sci I	Scientist I	2	61.67	123.34
12/20/2006	Mesecher/Sr. A...	Sr. Administrative Assistant Start of copying and prep to send out CAP	0.75	46.26	34.70
12/21/2006	Mesecher/Sr. A...	Sr. Administrative Assistant Copy, bind, etc...prep CAP	1.25	46.26	57.83
11/30/2006	Truesdale/Sr. P...	Sr. Professional Engineer End of Year	1	133.63	133.63
				Total	\$1,385.15

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield 62703
Phone: 217-522-4085

Invoice Number: 07-00155
Invoice Date: 3/12/2007
Amount Due: \$133.63
Billing Period: 2/1/2007 - 2/28/2007
Terms:

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

Project ID: #991372
Project Name: #991372-CA/430 Stanford

INVOICE

Date	Staff Member	Description	Hours	Rate	Amount
2/26/2007	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.25	\$133.63	\$33.41
2/27/2007	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.25	\$133.63	\$33.41
2/28/2007	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.50	\$133.63	\$66.81
OTHER SERVICES TOTAL:			1.00		\$133.63
TOTAL PROFESSIONAL FEES:			1.00		\$133.63

Amount Due (This Invoice): \$133.63

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield 62703
Phone: 217-522-4085

Invoice Number: 07-00298
Invoice Date: 4/12/2007
Amount Due: \$1,205.14
Billing Period: 3/1/2007 - 3/31/2007
Terms:

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

Project ID: #991372
Project Name: #991372-CA/430 Stanford

INVOICE

Date	Staff Member	Description	Hours	Rate	Amount
3/7/2007	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.25	\$133.63	\$33.41
		CORRECTIVE ACTION EXTENT INVESTIGATION:HP EXTENT FIELDWORK FOR 732 SITES (HPE	0.25		\$33.41
3/7/2007	Sheri Cockrum	LUST:S. Cockrum/ Sr. Acct. Tech	1.75	\$56.53	\$98.93
3/8/2007	Sheri Cockrum	LUST:S. Cockrum/ Sr. Acct. Tech	3.25	\$56.53	\$183.72
3/9/2007	Sheri Cockrum	LUST:S. Cockrum/ Sr. Acct. Tech	2.75	\$56.53	\$155.46
3/12/2007	Sheri Cockrum	LUST:S. Cockrum/ Sr. Acct. Tech	2.00	\$56.53	\$113.06
3/15/2007	Sheri Cockrum	LUST:S. Cockrum/ Sr. Acct. Tech	3.00	\$56.53	\$169.59
3/15/2007	Brandon Grimsley	LUST: B Grimsely/Scientist I	4.00	\$61.67	\$246.68
		CORRECTIVE ACTION EXTENT INVESTIGATION:HP EXTENT REIMBURSEMENT FOR 732 SITES	16.75		\$967.44
3/19/2007	Sheri Cockrum	LUST:S. Cockrum/ Sr. Acct. Tech	1.25	\$56.53	\$70.66
		CORRECTIVE ACTION EXTENT INVESTIGATION:HP EXTENT REIMBURSEMENT FOR 732 SITES	1.25		\$70.66
3/7/2007	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.25	\$133.63	\$33.41
3/8/2007	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.25	\$133.63	\$33.41
3/14/2007	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.50	\$133.63	\$66.81
		CORRECTIVE ACTION EXTENT INVESTIGATION:HP EXTENT REIMBURSEMENT FOR 732 SITES	1.00		\$133.63
TOTAL PROFESSIONAL FEES:			19.25		\$1,205.14

Amount Due (This Invoice): \$1,205.14



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. Box 19276, SPRINGFIELD, ILLINOIS 62794-9276

THOMAS V. SKINNER, DIRECTOR

217/782-6762

MAY 15 2000

Illinois Ayers Oil Co.
Attn: Carl Adams, Jr.
P.O. Box 772
Quincy, Illinois 62306

Re: LPC #1671203337 -- Sangamon County
Springfield/Illinois Ayers Oil Co. #14
430 Stanford Drive
LUST Incident No. 991372
LUST FISCAL FILE

Dear Mr. Adams:

The Illinois Environmental Protection Agency has completed the review of your application for payment from the Underground Storage Tank Fund for the above-referenced LUST incident, pursuant to Section 57.8(a) of the Illinois Environmental Protection Act (Act), and 35 Ill. Adm. Code 732, Subpart F. This information is dated February 8, 2000 and was received by the Agency on April 13, 2000. The application for payment covers the period from October 1, 1999 to January 15, 2000. The amount requested is \$255,401.49.

The deductible amount for this claim is \$10,000.00 which was previously deducted from the billing submittal received by the Agency on September 8, 1999 for \$18,202.68.

On April 13, 2000, the Agency received your complete application for payment for this claim. As a result of the Agency's review of this application for payment, a voucher for \$255,401.49 will be prepared for submission to the Comptroller's Office for payment if funds become available based upon the date the Agency received your complete request for payment of this application for payment. Subsequent applications for payment which have been/are submitted will be processed based upon the date complete subsequent application for payment requests are received by the Agency.

This constitutes the Agency's final action with regard to the above application(s) for payment.

An underground storage tank owner or operator may appeal this final decision to the Illinois Pollution Control Board (Board) pursuant to Section 57.8(i) and Section 40 of the Illinois Environmental Protection Act. An owner or operator who seeks to appeal the Agency's decision.

GEORGE H. RYAN, GOVERNOR

000328

Page 2

may, within 35 days after the notification of the final Agency decision, petition for a hearing before the Board; however, the 35-day period may be extended for a period of time not to exceed 90 days by written notice provided to the Board from the applicant and the Agency within the 35-day initial appeal period.

For information regarding the filing of an appeal, please contact:

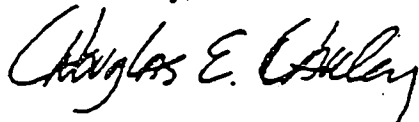
Dorothy Gunn, Clerk
Illinois Pollution Control Board
State of Illinois Center
100 West Randolph, Suite 11-500
Chicago, Illinois 60601
312/814-3620

For information regarding the filing of an extension, please contact:

Illinois Environmental Protection Agency
Division of Legal Counsel
1021 North Grand Avenue East
Springfield, Illinois 62794-9276
217/782-5544

If you have any questions or require further assistance, please contact Lieura Hackman of my staff at 217/782-6762.

Sincerely,



Douglas E. Oakley, Manager
LUST Claims Unit
Planning & Reporting Section
Bureau of Land

DEO:LH\mls\002253.WPD

cc: CSD Environmental Services, Inc.

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 - (217) 782-3397
JAMES R. THOMPSON CENTER, 100 WEST RANDOLPH, SUITE 11-300, CHICAGO, IL 60601 - (312) 814-6026

ROD R. BLAGOJEVICH, GOVERNOR

DOUGLAS P. SCOTT, DIRECTOR

217/782-6762

MAR 06 2007

Illinois Ayers Oil Co.
Attn: Carl Adams Jr.
P.O. Box 772
Quincy, Illinois 62306

CERTIFIED MAIL

7004 2510 0001 8590 9199

Re: LPC #1671203337 -- Sangamon County
Springfield/Illinois Ayers Oil Co.
430 Stanford Ave.
Leaking UST Incident No. 991372
Leaking UST Technical File

Dear Mr. Adams:

The Illinois Environmental Protection Agency (Illinois EPA) has reviewed the High Priority Corrective Action Plan (plan) submitted for the above-referenced incident. This plan, dated November 30, 2006, was received by the Illinois EPA on December 22, 2006. Citations in this letter are from the Environmental Protection Act (Act) in effect prior to June 24, 2002, and 35 Illinois Administrative Code (35 Ill. Adm. Code).

Pursuant to Section 57.7(c) of the Act and 35 Ill. Adm. Code 732.405(c), the plan is approved. The activities proposed in the plan are appropriate to demonstrate compliance with Title XVI of the Act and 35 Ill. Adm. Code 732. Please note that all activities associated with the remediation of this release proposed in the plan must be executed in accordance with all applicable regulatory and statutory requirements, including compliance with the proper permits.

In addition, the budget for the High Priority Corrective Action Plan is modified pursuant to Section 57.7(c) of the Act and 35 Ill. Adm. Code 732.405(c). Based on the modifications listed in Section 2 of Attachment A, the amounts listed in Section 1 of Attachment A are approved. Please note that the costs must be incurred in accordance with the approved plan. Be aware that the amount of payment from the Fund may be limited by Sections 57.8(e), 57.8(g) and 57.8(d) of the Act, as well as 35 Ill. Adm. Code 732.604, 732.606(s), and 732.611.

Please note that, if the owner or operator agrees with the Illinois EPA's modifications, submittal of an amended plan and/or budget, if applicable, is not required (Section 57.7(c) of the Act). Additionally, pursuant to Section 57.8(a)(5) of the Act and 35 Ill. Adm. Code 732.405(e), if payment from the Fund will be sought for any additional costs that may be incurred as a result of the Illinois EPA's modifications, an amended budget must be submitted.

ROCKFORD - 4302 North Main Street, Rockford, IL 61103 - (815) 987-7760 • DES PLAINES - 9511 W. Harrison St., Des Plaines, IL 60016 - (847) 294-4000

ELGIN - 595 South State, Elgin, IL 60123 - (847) 608-3131 • PEORIA - 5415 N. University St., Peoria, IL 61614 - (309) 693-5463

BUREAU OF LAND - PEORIA - 7620 N. University St., Peoria, IL 61614 - (309) 693-5462 • CHAMPAIGN - 2125 South First Street, Champaign, IL 61820 - (217) 278-5800

SPRINGFIELD - 4500 S. Sixth Street Rd., Springfield, IL 62706 - (217) 786-6892 • COLLINSVILLE - 2009 Mall Street, Collinsville, IL 62234 - (618) 346-5120

MARION - 2309 W. Main St., Suite 116, Marion, IL 62959 - (618) 993-7200

000330

Page 2

NOTE: Amended plans and/or budgets must be submitted and approved prior to the issuance of a No Further Remediation (NFR) Letter. Costs associated with a plan or budget that have not been approved prior to the issuance of an NFR Letter will not be paid.

Further, pursuant to 35 Ill. Adm. Code 732.112, 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. This notification of field activities may be done by telephone, facsimile, or electronic mail.

All future correspondence must be submitted to:

Illinois Environmental Protection Agency
Bureau of Land - #24
Leaking Underground Storage Tank Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, IL 62794-9276

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

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 Clayton Bloome at 217/524-1288.

Sincerely,

Hernando A. Albarracin

Hernando A. Albarracin
Unit Manager
Leaking Underground Storage Tank Section
Division of Remediation Management
Bureau of Land

HAA:CTB\

Attachment: A
cc: Joseph W. Truesdale, CSD Environmental Services, Inc.
BOL File

Attachment A

Re: LPC #1671203337 -- Sangamon County
Springfield/Illinois Ayers Oil Co.
430 Stanford Ave.
Leaking UST Incident No. 991372
Leaking UST Technical File

SECTION 1

The budget was previously approved for:

\$11,547.60	Investigation Costs
\$41,460.00	Analysis Costs
\$53,590.00	Personnel Costs
\$4,325.00	Equipment Costs
\$218,127.92	Field Purchases and Other Costs
\$8,167.27	Handling Charges

As a result of review of the budget at-hand and the Illinois EPA's modification(s) in Section 2 of this attachment, the following amounts are approved:

\$3892.66	Investigation Costs
\$4398.35	Analysis Costs
\$49,588.72	Personnel Costs
\$875.60	Equipment Costs
\$49,659.64	Field Purchases and Other Costs

Therefore, the total cumulative budget is approved for:

\$15,440.26	Investigation Costs
\$45,858.35	Analysis Costs
\$103,178.72	Personnel Costs
\$5,200.60	Equipment Costs
\$267,787.56	Field Purchases and Other Costs

Handling charges will be determined at the time a billing package is reviewed by the Illinois EPA. The amount of allowable handling charges will be determined in accordance with Section 57.8(f) of the Environmental Protection Act (Act) and 35 Illinois Administrative Code (35 Ill. Adm. Code) 732.607.

SECTION 2

1. \$5098.40 for corrective action costs for Personnel Cost that are not reasonable as submitted. Such costs are ineligible for payment from the Fund pursuant to Section 57.7(c)(4)(C) of the Act and 35 Ill. Adm. Code 732.606(hh).

The investigation results and TACO evaluation should be submitted in the Corrective Action Completion Report.

2. The Excavation, Transportation, and Disposal rate has been reduced to \$77.00 per cubic yard. The costs exceed the maximum payment amounts set forth in Subpart H, Appendix D, and/or Appendix E of 35 Ill. Adm. Code 732. Such costs are ineligible for payment from the Fund pursuant to 35 Ill. Adm. Code 732.606(ccc). In addition, such costs are not approved pursuant to Section 57.7(c)(4)(C) of the Act because they are not reasonable.

Based upon the above deduction, a total of \$ 222.36 was deducted from Field Purchases and Other Costs.

CTB\

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 of time 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:

Dorothy Gunn, Clerk
Illinois Pollution Control Board
State of Illinois 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
Post Office Box 19276
Springfield, IL 62794-9276
217/782-5544



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276

THOMAS V. SKINNER, DIRECTOR

217/782-6762

MAY 15 2000

Illinois Ayers Oil Co.
Attn: Carl Adams, Jr.
P.O. Box 772
Quincy, Illinois 62306

Re: LPC #1671203337 – Sangamon County
Springfield/Illinois Ayers Oil Co. #14
430 Stanford Drive
LUST Incident No. 991372
LUST FISCAL FILE

Dear Mr. Adams:

The Illinois Environmental Protection Agency has completed the review of your application for payment from the Underground Storage Tank Fund for the above-referenced LUST incident pursuant to Section 57.8(a) of the Illinois Environmental Protection Act (Act), and 35 Ill. Adm. Code 732, Subpart F. This information is dated February 8, 2000 and was received by the Agency on April 13, 2000. The application for payment covers the period from October 1, 1999 to January 15, 2000. The amount requested is \$255,401.49.

The deductible amount for this claim is \$10,000.00 which was previously deducted from the billing submittal received by the Agency on September 8, 1999 for \$18,202.68.

On April 13, 2000, the Agency received your complete application for payment for this claim. As a result of the Agency's review of this application for payment, a voucher for \$255,401.49 will be prepared for submission to the Comptroller's Office for payment if funds become available based upon the date the Agency received your complete request for payment of this application for payment. Subsequent applications for payment which have been/are submitted will be processed based upon the date complete subsequent application for payment requests are received by the Agency.

This constitutes the Agency's final action with regard to the above application(s) for payment.

An underground storage tank owner or operator may appeal this final decision to the Illinois Pollution Control Board (Board) pursuant to Section 57.8(i) and Section 40 of the Illinois Environmental Protection Act. An owner or operator who seeks to appeal the Agency's decision

GEORGE H. RYAN, GOVERNOR

000335

Page 2

may, within 35 days after the notification of the final Agency decision, petition for a hearing before the Board; however, the 35-day period may be extended for a period of time not to exceed 90 days by written notice provided to the Board from the applicant and the Agency within the 35-day initial appeal period.

For information regarding the filing of an appeal, please contact:

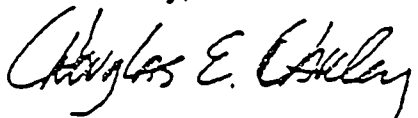
Dorothy Gunn, Clerk
Illinois Pollution Control Board
State of Illinois Center
100 West Randolph, Suite 11-500
Chicago, Illinois 60601
312/814-3620

For information regarding the filing of an extension, please contact:

Illinois Environmental Protection Agency
Division of Legal Counsel
1021 North Grand Avenue East
Springfield, Illinois 62794-9276
217/782-5544

If you have any questions or require further assistance, please contact Lieura Hackman of my staff at 217/782-6762.

Sincerely,



Douglas E. Oakley, Manager
LUST Claims Unit
Planning & Reporting Section
Bureau of Land

DEO:LH\mls\002253.WPD

cc: CSD Environmental Services, Inc.



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276

THOMAS V. SKINNER, DIRECTOR

217/782-6762

APR 07 2000

Carl Adams, Jr.
P.O. Box 772
Quincy, Illinois 62306

CERTIFIED MAIL

P344 341 174

Last Budget
Approved

Re: LPC 1671203337 -- Sangamon County
Springfield / Ayerco #14
430 Stanford Avenue
LUST Incident No. 991372
LUST Technical File

Dear Mr. Adams:

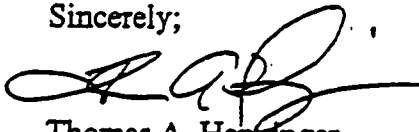
The Illinois Environmental Protection Agency (Illinois EPA) has reviewed the Corrective Action Plan Budget Amendment submitted for the above-referenced LUST incident. This information was dated February 3, 2000 and was received by the Illinois EPA on February 9, 2000.

The budget for the High Priority Corrective Action Plan has been approved for the amounts listed in Section 1 of Attachment A. Please note that the costs must be incurred in accordance with the approved plan. Be aware that the amount of reimbursement may be limited by 35 LAC Sections 732.604, 732.606(s), and 732.611 as well as Sections 57.8(e), 57.8(g) and 57.8(d) of the Act.

Within 35 days after the date of mailing of this final decision, the owner or operator may petition for a hearing before the Illinois Pollution Control Board (Board) to contest the decision of the Illinois EPA. (For information regarding the filing of an appeal, please contact the Board at 312/814-3620.) However, the 35-day period for petitioning for a hearing may be extended for a period of time not to exceed 90 days by written notice provided to the Board from the owner or operator and the Illinois EPA within the 35-day initial appeal period. (For information regarding the filing of an extension, please contact the Illinois EPA's Division of Legal Counsel at 217/782-5544.)

If you have any questions or need further assistance, please contact Chris Nickell at 217/524-7519.

Sincerely;



Thomas A. Henninger
Unit Manager
Leaking Underground Storage Tank Section
Division of Remediation Management
Bureau of Land

cc: Cindy Davis, CSD Environmental
Division File

Attachment A

Re: LPC 1671203337 -- Sangamon County
Springfield / Ayerco #14
430 Stanford Avenue
LUST Incident No. 991372
LUST Technical File

NOTE: Citations in this attachment are from 35 Illinois Administrative Code (35 IAC) and the Environmental Protection Act.

SECTION 1

The following amounts have been approved and represent the new total budget allotted for execution of the corrective action plan:

\$11,547.60	Investigation Costs
\$41,460.00	Analysis Costs
\$53,590.00	Personnel Costs
\$4,325.00	Equipment Costs
\$224,217.82	* Field Purchases and Other Costs
\$8,289.07	Handling Charges

218,127.92 - original budget amount
6,211.70
224,339.62



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19275, SPRINGFIELD, ILLINOIS 62794-9275

THOMAS V. SKINNER, DIRECTOR

217/782-6762

CERTIFIED MAIL

P344 339 369

DEC 21 1999

Carl Adams, Jr.
P.O. Box 772
Quincy, IL 62306

Re: LPC 1671203337-- Sangamon County
Springfield/Ayern #14
430 Stanford Avenue
LUST Incident No. 991372
LUST Technical File

Dear Mr. Adams:

The Illinois Environmental Protection Agency (Illinois EPA) has reviewed the High Priority Corrective Action Plan (plan) submitted for the above-referenced incident. This plan, dated December 10, 1999, was received by the Illinois EPA on December 10, 1999. Citations in this letter are from the Environmental Protection Act (Act) and 35 Illinois Administrative Code (35 IAC).

Pursuant to 35 IAC Section 732.405(c) and Section 57.7(c)(4) of the Act, the Illinois EPA is modifying the plan. The following modifications are necessary, in addition to those provisions already outlined in the plan, to demonstrate compliance with 35 IAC Part 732 and Title XVI of the Act:

1. A determination of off site contamination must include an investigation of the storm sewer to the North and East of the property as a potential migratory pathway pursuant to 35 IAC 732.507(g)(1)(B).
2. Monitoring of in place UST's on site and the Storm Sewer adjacent to the property during remedial activities in order to mitigate damage caused by potential soil fracturing.

Please note that a Class II groundwater determination does not apply to adjacent properties. Therefore Class I groundwater objectives must be met at the property line before a No Further Remediation Letter can be issued.

In addition, the total proposed budget for the High Priority Corrective Action Plan has been approved for the amounts listed in Section 1 of Attachment A. Please note that the costs must be incurred in accordance with the approved plan. Be aware that the amount of reimbursement may be limited by 35 IAC Sections 732.604, 732.606(s), and 732.611 as well as Sections 57.8(e), 57.8(g) and 57.8(d) of the Act.

Pursuant to Section 57.7(c)(4)(D) of the Act and 35 IAC Section 732.503(f), an owner or operator may elect to incorporate modifications required by the Illinois EPA and shall do so by submitting an amended plan and associated budget within 30 days of receipt of this letter. If the Illinois EPA does not receive an amended plan and associated budget, the Illinois EPA modified plan and budget will be deemed the approved plan and budget. Please note that if the owner or operator agrees with the Illinois EPA's modifications, an amended plan and/or budget is not required to be submitted.

Please note that if additional costs will be incurred as a result of the Illinois EPA's modifications, an amended budget must be submitted with the amended plan (35 IAC Section 732.405(e) and Section 57.8(a)(5) of the Act).

All future correspondence must be submitted to:

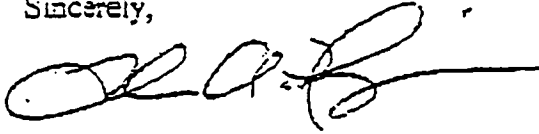
Illinois Environmental Protection Agency
Bureau of Land - #24
LUST Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, Illinois 62794-9276

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

Within 35 days after the date of mailing of this final decision, the owner or operator may petition for a hearing before the Illinois Pollution Control Board (Board) to contest the decision of the Illinois EPA. (For information regarding the filing of an appeal, please contact the Board at 312/814-3620.) However, the 35-day period for petitioning for a hearing may be extended for a period of time not to exceed 90 days by written notice provided to the Board from the owner or operator and the Illinois EPA within the 35-day initial appeal period. (For information regarding the filing of an extension, please contact the Illinois EPA's Division of Legal Counsel at 217/782-5544.)

If you have any questions or need further assistance, please contact Jeff Gebhardt at 217/782-6762.

Sincerely,



Thomas A. Henninger
Unit Manager
Leaking Underground Storage Tank Section
Division of Remediation
Bureau of Land

Attachments (1)

cc: Joe Truesdale, CSD Environmental Services, Inc.
Division File

Attachment A

Re: LPC #1671203337 - Sangamon County
Springfield/Ayerco #14
430 Stanford Avenue
LUST Incident No. 991372
LUST Technical File

NOTE: Citations in this attachment are from 35 Illinois Administrative Code (35 IAC) and the Environmental Protection Act.

SECTION 1

The following amounts have been approved:

\$ 11,547.60	Investigation Costs
\$ 41,460.00	Analysis Costs
\$ 53,590.00	Personnel Costs
\$ 4,325.00	Equipment Costs
\$218,127.92	Field Purchases and Other Costs
\$ <u>8,167.27</u>	Handling Charges
\$337,217.79	Total Budget

TAH/JG



Office of the Illinois
State Fire Marshal

General Office
217-785-7199

FAX

217-782-1052

Divisions

ARSON INVESTIGATION

217-782-3118

BOILER and PRESSURE

VESSEL SAFETY

217-782-2996

FIRE PREVENTION

217-782-4714

MANAGEMENT SERVICES

217-782-6883

INFIRMS

217-785-5225

HUMAN RESOURCES

217-785-1025

PERSONNEL STANDARDS

and EDUCATION

217-782-4642

PETROLEUM and

CHEMICAL SAFETY

217-785-5173

PUBLIC INFORMATION

217-785-1021

WEB SITE

www.sfm.state.il.us/cdm

CERTIFIED MAIL - RECEIPT REQUESTED #Z 082 408 981

July 23, 1999

Illinois Ayers Oil Company
P.O. Box 772
Quincy, IL 62306

In Re:

Facility No. 5-020797
IEMA Incident No. 99-1572
Ayerco Convenience Center #14
430 Stanford Avenue
Springfield, Sangamon Co., IL

Dear Applicant:

The Reimbursement Eligibility and Deductible Application received on July 15, 1999 for the above referenced occurrence has been reviewed. The following determinations have been made based upon this review.

It has been determined that you are eligible to seek payment of costs in excess of \$10,000. The costs must be in response to the occurrence referenced above and associated with the following tanks:

Eligible Tanks

- Tank 1 12,000 gallon Gasoline
- Tank 2 12,000 gallon Gasoline
- Tank 3 10,000 gallon Gasoline
- Tank 4 10,000 gallon Diesel

You must contact the Illinois Environmental Protection Agency to receive a packet of Agency billing forms for submitting your request for payment.

An owner or operator is eligible to access the Underground Storage Tank Fund if the eligibility requirements are satisfied:

1. Neither the owner nor the operator is the United States Government,
2. The tank does not contain fuel that is exempt from the Motor Fuel Tax Law,
3. The costs were incurred as a result of a confirmed release of any of the following substances:

"Fuel", as defined in Section 1.19 of the Motor Fuel Tax Law

Aviation fuel

Heating oil

Kerosene

Used oil, which has been refined from crude oil used in a motor vehicle, as defined in Section 1.3 of the Motor Fuel Tax Law.

4. The owner or operator registered the tank and paid all fees in accordance with the statutory and regulatory requirements of the Gasoline Storage Act.
5. The owner or operator notified the Illinois Emergency Management Agency of a confirmed release, the costs were incurred after the notification and the costs were a result of a release of a substance listed in this Section. Costs of corrective action or indemnification incurred before providing that notification shall not be eligible for payment. --
6. The costs have not already been paid to the owner or operator under a private insurance policy, other written agreement, or court order.
7. The costs were associated with "corrective action".

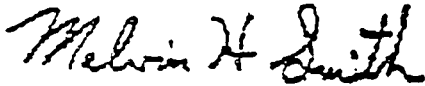
This constitutes the final decision as it relates to your eligibility and deductibility. We reserve the right to change the deductible determination should additional information that would change the determination become available. An underground storage tank owner or operator may appeal the decision to the Illinois Pollution Control Board (Board), pursuant to Section 57.9 (c) (2). An owner or operator who seeks to appeal the decision shall file a petition for a hearing before the Board within 35 days of the date of mailing of the final decision, (35 Illinois Administrative Code 105.102(a) (2)).

For information regarding the filing of an appeal, please contact:

Dorothy Gunn, Clerk
Illinois Pollution Control Board
State of Illinois Center
100 West Randolph, Suite 11-500
Chicago, Illinois 60601
(312) 814-3620

If you have any questions regarding the eligibility or deductibility determinations, please contact our Office at (217) 785-1020 or (217) 783-5878.

Sincerely,



Melvin H. Smith
Division Director
Division of Petroleum and Chemical Safety

MHS/dl

cc: EPA
Facility File

**UNDERGROUND STORAGE TANK PROGRAM
Illinois Environmental Protection Agency**

The IEPA is required to report State and Federal funds paid to Women's Business Enterprises (WBE) and to Minority Business Enterprises (MBE). Therefore, please provide the required information for all Prime Consultants/Contractors and Subcontractors used to perform the work for this billing:

Name of LUST site: Illinois Ayers Oil Company (Ayerco #14) Incident No. 991372

The work for this billing was performed from November, 1999 to March, 2007

Prime Consultants and/or Contractors:

FIRM'S NAME, ADDRESS AND TELEPHONE NUMBER	IS THIS FIRM A WBE/ MBE?	IF YES, WHAT IS THEIR STATE OF ILLINOIS VENDOR NUMBER?	AMOUNT PAID OR DUE THIS BILLING
CSD Environmental Services, Inc. 2220 Yale Boulevard Springfield, IL 62703 (217)522-4085	WBE	37-1341081	\$48,230.02
Billing Subtotal			\$ 48,230.02

Subcontractors:

Krumsiek Excavating	NO		\$20,241.47
Waste Management	NO		\$19,619.01
BILLING TOTAL			\$ 88,090.50

**WBE/MBE = If the firm is a WBE, place the term WBE in the space provided. If the firm is a MBE, place the term MBE in the space provided. If the firm is neither a WBE nor MBE, place the word NO in the space provided.

NOTE: *This form may be reproduced if space is not sufficient to include all Subcontractors used on this billing.*

This Agency is authorized to request this information under the Illinois Environmental Protection Act, 415 ILCS 5/1 et seq. (Formerly Ill. Rev. Stat. Ch 111-1/2, 1001 et seq.). Disclosure of this information is required. Failure to properly complete this form in its entirety may result in the delay or denial of any payment requested hereunder. This form has been approved by the Forms Management Center.

IL 532 2167
LPC 481 Jan. 98
BB:ct\WBE_MBE.wpd

UNDERGROUND STORAGE TANK PROGRAM
Private Insurance Coverage
Questionnaire and Affidavit

This form must be completed in full by all owners/operators or their authorized representatives, that have a claim for payment from the State of Illinois Leaking Underground Storage Tank (LUST) program, for the labor, materials, overhead and profit costs related to the study and/or remediation of a LUST site.

1. Name and address of the LUST site: Illinois Ayers Oil Company (Ayerco #14
430 Stanford Avenue
Springfield, IL. 62703

2. Name of insurance company providing coverage for this LUST site: None

3. Amount of coverage provided: \$ None

4. Have you or your firm filed a claim against your insurance company for this LUST site?
Yes No XXXX

a. If yes, how much is the claim for? \$ _____

b. If no, explain why. No private insurance was carried for LUST releases

5. Have you or your firm received payment for a claim against your insurance company for this LUST site? Yes No XXXX

a. If yes, how much and when? \$ _____
Date _____

b. If no, explain why. No private insurance was carried for LUST releases

6. Are you going to file a claim against your insurance policy? Yes No XXXX

a. If yes, how much and when? \$ _____
Date _____

b. If no, explain why. No private insurance was carried for LUST releases

I, Carl Adams, Jr., a duly authorized representative of Illinois Ayers Oil Co.
(owner/operator or firm's name)

hereby certify that Illinois Ayers Oil Co. does, X does not have private
(owner/operator or firm's name)

insurance coverage for all or part of the costs related to claim for payment of Illinois Ayers Oil Co.

study and/or remediation costs for work performed at Ayerco #14 located
(site name)

at 430 Stanford Avenue, Springfield, IL. 62703
(address)

I, Carl Adams, Jr., President of Illinois Ayers Oil Co.
(name) (title) (owner/operator or firm's name)

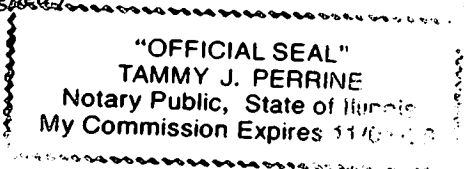
certify that as of this date, the above information is accurate and complete. Furthermore, I also agree to reimburse the Illinois EPA for any overpayment made by my private insurance company in excess of the deductible amount for each site.

Owner/Operator: Carl Adams Jr. Title: President

Signature: [Handwritten Signature] Date: 11/27/07

Subscribed and sworn to before me the 27th day of November, 20 07.
(The Private Insurance Affidavit must be notarized when the affidavit is signed.)

Tammy J. Perrine Seal:
(Notary Public)



The Agency is authorized to require this information under 415 ILCS 5/1. Disclosure of this information is required. Failure to do so may result in the delay or denial of any budget or payment requested hereunder. This form has been approved by the Forms Management Center.

**FEDERAL TAYPAYER IDENTIFICATION NUMBER AND
LEGAL STATUS DISCLOSURE CERTIFICATION REQUIREMENTS**

In order to comply with requirements mandated by Internal Revenue Service Rules and Regulations, the tank owner/operator must complete the section entitled TAXPAYER IDENTIFICATION NUMBER AND LEGAL STATUS DISCLOSURE CERTIFICATION below.

Enter your taxpayer identification number (TIN) in the appropriate space. For individuals and sole proprietors, this is your social security number. For other entities, it is your employer identification number. Federal Employer Identification Numbers (FEINs) must not be used for sole proprietorships.

If you do not have a TIN, apply for one immediately. To apply, get Form SS-5, Application for a Social Security Number Card (for individuals) from your local office of the Social Security administration, or Form SS-4, Application for Employer Identification Number (for businesses and all other entities), from your local Internal Revenue Service office.

To complete the certification if you do not have a TIN, fill out the certification including that a TIN has been applied for, sign and date the form, and return it to this Agency. As soon as you receive your TIN, fill out another such form including your TIN, sign and date the form, and send it to this Agency.

If you fail to furnish your correct TIN to this Agency, you are subject to an IRS penalty of \$50.00 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

WILLFULLY FALSIFYING CERTIFICATIONS OR AFFIRMATIONS MAY SUBJECT YOU TO CRIMINAL PENALTIES INCLUDING FINES AND/OR IMPRISONMENT.

Please return the completed form to the Bureau of Land, Remedial Projects, Accounting & Procurement Unit, Post Office Box 19276, Springfield, Illinois 62794-9276.

TAXPAYER IDENTIFICATION NUMBER AND LEGAL STATUS DISCLOSURE CERTIFICATION.
Under penalties of perjury, I certify that the FEIN or Social Security Number indicated below is my correct Federal Taxpayer Identification Number. I am doing business as a (please check one):

- | | | |
|---|--|--|
| <input type="checkbox"/> Individual | <input type="checkbox"/> Sole Proprietorship | <input type="checkbox"/> Real Estate Agent |
| <input type="checkbox"/> Partnership | <input type="checkbox"/> Governmental Entity | <input type="checkbox"/> Not-for-Profit Corporation |
| <input checked="" type="checkbox"/> Corporation | <input type="checkbox"/> Tax Exempt Organization | <input type="checkbox"/> Medical & Health Care |
| <input type="checkbox"/> Trust or Estate | <input type="checkbox"/> (IRC 501(a) only) | <input type="checkbox"/> Services Provider Corporation |

37-0860487
Taxpayer Identification Number


Signed

11/27/07
Date

Illinois Ayers Oil Company
Name of Firm (Please print or type)
Note: Original signature required.

This Agency is authorized to request this information under the Illinois Environmental Protection Act, 415 ILCS 5/1 et seq. (Formerly Ill. Rev. Stat. Ch 111-1/2, 1001 et seq.). Disclosure of this information is required. Failure to properly complete this form in its entirety may result in the delay or denial of any payment requested hereunder. This form has been approved by the Forms Management Center.

Form **W-9**
(Rev. November 2005)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Give form to the
requester. Do not
send to the IRS.

Print or type
See Specific Instructions on page 2.

Name (as shown on your income tax return) Illinois Ayers Oil Company, Inc.	
Business name, if different from above	
Check appropriate box: <input type="checkbox"/> Individual/ Sole proprietor <input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Other ▶	<input type="checkbox"/> Exempt from backup withholding
Address (number, street, and apt. or suite no.) PO Box 20912	Requester's name and address (optional)
City, state, and ZIP code Springfield, IL. 62708-0912	
List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on Line 1 to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Social security number								
or								
Employer identification number								
3	7	0	8	6	0	4	8	7

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
- I am a U.S. person (including a U.S. resident alien).

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the Certification, but you must provide your correct TIN. (See the instructions on page 4.)

Sign
Here

Signature of
U.S. person

Date ▶

11/27/07

Purpose of Form

A person who is required to file an information return with the IRS, must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

U.S. person. Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee.

In 3 above, if applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

For federal tax purposes, you are considered a person if you are:

- An individual who is a citizen or resident of the United States,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States, or
- Any estate (other than a foreign estate) or trust. See Regulations sections 301.7701-6(a) and 7(a) for additional information.

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.

The person who gives Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States is in the following cases:

- The U.S. owner of a disregarded entity and not the entity,

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY



1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 - (217) 782-2829
JAMES R. THOMPSON CENTER, 100 WEST RANDOLPH, SUITE 11-300, CHICAGO, IL 60601 - (312) 814-6026

ROD R. BLAGOJEVICH, GOVERNOR

DOUGLAS P. SCOTT, DIRECTOR

217/782-6762

CERTIFIED MAIL

AUG 20 2008

7007 2560 0003 2093 6495

Illinois Ayers Oil Co.
Attn: Carl Adams Jr.
P.O. Box 772
Quincy, Illinois 62306

Re: LPC #1671203337 -- Sangamon County
Springfield/Illinois Ayers Oil Co.
430 Stanford Ave.
Leaking UST Incident No. 991372
Leaking UST Technical File

RELEASABLE

SEP 11 2008

REVIEWER MD

Dear Mr. Adams:

The Illinois Environmental Protection Agency (Illinois EPA) has reviewed the High Priority Corrective Action Plan (plan) submitted for the above-referenced incident. This plan, dated June 23, 2008, was received by the Illinois EPA on June 27, 2008. Citations in this letter are from the Environmental Protection Act (Act) in effect prior to June 24, 2002, and 35 Illinois Administrative Code (35 Ill. Adm. Code).

Pursuant to Section 57.7(c) of the Act and 35 Ill. Adm. Code 732.405(c), the plan is approved. The activities proposed in the plan are appropriate to demonstrate compliance with Title XVI of the Act and 35 Ill. Adm. Code 732. Please note that all activities associated with the remediation of this release proposed in the plan must be executed in accordance with all applicable regulatory and statutory requirements, including compliance with the proper permits.

In addition, the total budget for the High Priority Corrective Action Plan is approved for the amounts listed in Attachment A. Please note that the costs must be incurred in accordance with the approved plan. Be aware that the amount of payment from the Fund may be limited by Sections 57.8(e), 57.8(g) and 57.8(d) of the Act, as well as 35 Ill. Adm. Code 732.604, 732.606(s), and 732.611.

NOTE: Amended plans and/or budgets must be submitted and approved prior to the issuance of a No Further Remediation (NFR) Letter. Costs associated with a plan or budget that have not been approved prior to the issuance of an NFR Letter will not be paid.

Further, pursuant to 35 Ill. Adm. Code 732.112, 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

Page 2

activities; and the date, time, and place the activities will be conducted. This notification of field activities may be done by telephone, facsimile, or electronic mail.

All future correspondence must be submitted to:

Illinois Environmental Protection Agency
Bureau of Land - #24
Leaking Underground Storage Tank Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, IL 62794-9276

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

If you have any questions or need further assistance, please contact Clayton Bloome at 217/524-1288.

Sincerely,



Michael T. Lowder
Unit Manager
Leaking Underground Storage Tank Section
Division of Remediation Management
Bureau of Land

MTL:CTB:C\

Attachment: Attachment A

c: Joseph W. Truesdale, CSD Environmental Services, Inc.
Leaking UST Claims Unit
BOL File

Attachment A

Re: LPC #1671203337 -- Sangamon County
Springfield/Illinois Ayers Oil Co.
430 Stanford Ave.
Leaking UST Incident No. 991372
Leaking UST Technical File

The budget was previously approved for:

\$15,440.26	Investigation Costs
\$45,858.35	Analysis Costs
\$103,178.72	Personnel Costs
\$5,200.60	Equipment Costs
\$267,787.56	Field Purchases and Other Costs

As a result of review of the budget at-hand, the following amounts are approved:

\$3,623.00	Investigation Costs
\$5,448.33	Analysis Costs
\$31,344.16	Personnel Costs
\$1,345.90	Equipment Costs
\$474.70	Field Purchases and Other Costs

Therefore, the total cumulative budget is approved for:

\$19,063.26	Investigation Costs
\$51,306.68	Analysis Costs
\$134,522.88	Personnel Costs
\$6,546.50	Equipment Costs
\$268,262.26	Field Purchases and Other Costs

Handling charges will be determined at the time a billing package is reviewed by the Illinois EPA. The amount of allowable handling charges will be determined in accordance with Section 57.8(f) of the Environmental Protection Act (Act) and 35 Illinois Administrative Code (35 Ill. Adm. Code) 732.607.

CTB:C\

5649 6602 6000 0952 2007

U.S. Postal Service™
CERTIFIED MAIL™ RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

For delivery information visit our website at www.usps.com

24 F 1901342 MR/CB

Postage \$	
Certified Fee	2.70
Return Receipt Fee (Endorsement Required)	2.20
Restricted Delivery Fee (Endorsement Required)	

Postmark Here

To: Illinois Ayers Oil Company
 Attn: Carl Adams, Jr.
 Post Office Box 772
 Quincy, IL 62306

Sent _____
 Street or P.O. _____
 City, _____

PS Form 3800, August 2006 See Reverse for Instructions

<p>SENDER: COMPLETE THIS SECTION</p> <ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. <p>1. Article Addressed to:</p> <p>Illinois Ayers Oil Company Attn: Carl Adams, Jr. Post Office Box 772 Quincy, IL 62306</p> <p>2. Article Number (Transfer from service label) 7007 2520 0003 2093 6495</p>	<p>COMPLETE THIS SECTION ON DELIVERY</p> <p>A. Signature <input checked="" type="checkbox"/> Agent <input checked="" type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) Carl Adams, Jr. C. Date of Delivery 8/24/08</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If YES, enter delivery address below:</p> <p>991372 MR/CB</p> <p>3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p> <p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>
---	---

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

UNITED STATES POSTAL SERVICE



First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

Illinois Environmental Protection Agency

P.O. Box 19276 Mail Code #

Springfield, IL 62794-9276





Electronic Filing: Received, Clerk's Office 09/18/2024
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 - (217) 782-3397
JAMES R. THOMPSON CENTER, 100 WEST RANDOLPH, SUITE 11-300. CHICAGO, IL 60601 - (312) 814-6026

ROD R. BLAGOJEVICH, GOVERNOR DOUGLAS P. SCOTT, DIRECTOR

217/782-6762

OCT. 21 2008

CERTIFIED MAIL #

7007 2560 0003 2086 3296

Illinois Ayers Oil Company
Attention: Carl Adams, Jr.
c/o CSD Environmental Services, Inc.
P.O. Box 20912
Springfield, Illinois 62708-0912

Re: LPC #1671203337 -- Sangamon County
Springfield/Illinois Ayers Oil Co.
430 Stanford Ave.
Leaking UST Incident No. 991372
Claim No. 54643
Leaking UST FISCAL FILE

IEPA-DIVISION OF RECORDS MANAGEMENT
RELEASEABLE

FEB 10 2021

REVIEWER: SAB

Dear Mr. Adams:

The Illinois Environmental Protection Agency has completed the review of your application for payment from the Underground Storage Tank Fund for the above-referenced Leaking UST incident pursuant to Section 57.8(a) of the Illinois Environmental Protection Act (Act), and 35 Ill. Adm. Code 732, Subpart F. This information is dated June 9, 2008 and was received by the Agency on July 3, 2008. The application for payment covers the period from December 1, 1999 to November 1, 2007. The amount requested is \$21,863.35.

The deductible amount for this claim is \$10,000.00, which was previously deducted from the billing submittal received by the Agency on August 4, 1999 for \$4,442.72 and September 8, 1999 for \$18,202.68. There are costs from this claim that are not being paid. Listed in Attachment A are the costs that are not being paid and the reasons these costs are not being paid.

On July 3, 2008, the Agency received your application for payment for this claim. As a result of the Agency's review of this application for payment, a voucher for \$16,063.35 will be prepared for submission to the Comptroller's Office for payment as funds become available based upon the date the Agency received your complete request for payment of this application for payment. Subsequent applications for payment that have been/are submitted will be processed based upon the date complete subsequent application for payment requests are received by the Agency. This constitutes the Agency's final action with regard to the above application(s) for payment.

An underground storage tank owner or operator may appeal this final decision to the Illinois Pollution Control Board (Board) pursuant to Section 57.8(i) and Section 40 of the Act by filing a petition for a hearing within 35 days after the date of issuance of the final decision. However,

ROCKFORD - 4302 North Main Street, Rockford, IL 61103 - (815) 987-7760 • DES PLAINES - 9511 W. Harrison St., Des Plaines, IL 60016 - (847) 294-4000
ELGIN - 595 South State, Elgin, IL 60123 - (847) 608-3131 • PEORIA - 5415 N. University St., Peoria, IL 61614 - (309) 693-5463
BUREAU OF LAND - PEORIA - 7620 N. University St., Peoria, IL 61614 - (309) 693-5462 • CHAMPAIGN - 2125 South First Street, Champaign, IL 61820 - (217) 278-5800
SPRINGFIELD - 4500 S. Sixth Street Rd., Springfield, IL 62706 - (217) 786-6892 • COLLINSVILLE - 2009 Mall Street, Collinsville, IL 62234 - (618) 346-5120
MARION - 2309 W. Main St., Suite 116, Marion, IL 62959 - (618) 993-7200

Page 2

the 35-day period may be extended for a period of time 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 applicant 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 request for an extension, please contact:

Illinois Environmental Protection Agency
Division of Legal Counsel
1021 North Grand Avenue East
Springfield, Illinois 62794-9276
217/782-5544

For information regarding the filing of an appeal, please contact:

Illinois Pollution Control Board, Clerk
State of Illinois Center
100 West Randolph, Suite 11-500
Chicago, Illinois 60601
312/814-3620

If you have any questions or require further assistance, please contact Theresa Sitton of my staff at 217/782-6762.

Sincerely,



E. William Radlinski, Manager
Planning and Reporting Section
Bureau of Land

EWR:TS:bjh\08756.doc

Attachment

cc: CSD Environmental Services, Inc.
LCU File
Theresa Sitton

Attachment A
Accounting Deductions

Re: LPC #1671203337 -- Sangamon County
Springfield/Illinois Ayers Oil Co.
430 Stanford Avenue
Leaking UST Incident No. 991372
Claim No. 54643
Leaking UST Fiscal File

Citations in this attachment are from the Environmental Protection Act (Act) in effect prior to June 24, 2002, and 35 Illinois Administrative Code (35 Ill. Adm. Code).

Item # Description of Deductions

- \$5,800.00, deduction for corrective action costs for Field Purchases that are not reasonable as submitted. Such costs are ineligible for payment from the Fund pursuant to Section 57.7(c)(4)(C) of the Act and 35 Ill. Adm. Code 732.606(hh).

The invoice for the biofeasibility study has the date changed from the original date of June 16, 2008 to December 16, 1999. No other information was submitted as back up to verify the actual work date.

EWR:TS:bjh\08757.doc

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 		<p>991372 BR/TS</p> <p>A. Signature <input type="checkbox"/> Agent X Fisher Enterprises <input type="checkbox"/> Addressee</p> <p>B. Received by (Printed Name) <input type="checkbox"/> C. Date of Delivery ON BEHALF OF ILLINOIS NATIONAL BANK</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No 12/17/2008</p> <p>Charles Fisher</p>	
<p>1. Article Addressed to: 167203337</p> <p>Illinois Ayers Oil Company Attention: Carl Adams Jr. c/o CSD Environmental Services PO Box 20912 Springfield IL 62708-0912</p>		<p>3. Service Type <input type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.</p>	
<p>2. Article Number (Transfer from service label) 7007 2560 0003 2086 3296</p>		<p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes</p>	
PS Form 3811, February 2004		Domestic Return Receipt	
		102595-02-M-1540	

INVOICE VOUCHER

FY10

ENVIRONMENTAL PROTECTION AGENCY
 ENVIRONMENTAL PROTECTION AGCY
 1021 N GRAND AVE EAST
 SPRINGFIELD, IL 62794-9276

PAYMENT OF INTEREST MAY BE AVAILABLE IF THE STATE FAILS TO COMPLY WITH THE STATE PROMPT PAYMENTS ACT, 30 ILCS 540

2. Taxpayer Identification Number

370860487

4. Voucher No. 6789

3. Vendor or Payee

ILLINOIS AYERS OIL CO
 ATTN NATLUST
 P O BOX 890587
 CHARLOTTE NC 282890587

5. Voucher Date 02-19-10

6. Appropriation Account Code
072-53230-4400-00-00

7. Invoice Number SEE BOX 10

8. Invoice Date 07-03-08

DISPOSITION OF COPIES

- 1. Comptroller
- 2. Agency
- 3. Agency
- 4. Remittance Copy
- 5. Agency
- 6. Agency
- 7. Retained By Vendor

10. Indicate Beginning and Ending Date of Service and GAAP Code. Give Complete Description of Articles/Services Rendered or Attach Itemized Vendor Invoice.

11. Quantity	12. Units	13. Unit Price	14. Amount
			\$16,063.35

CONTROL # /VENDOR INVOICE #/INV DATE /DOC
 0000006701/991372JAN25 /07-03-2008/4443

12011999 11012007 5300

FOR PAYMENT OF CORRECTIVE ACTION COSTS AT
 ILLINOIS AYERS OIL CO., 430 STANFORD AVENUE
 SANGAMON COUNTY - SPRINGFIELD (APPROP ALLOWS FOR PRIOR
 PURSUANT TO 415 ILCS 5/57.8, .57.9
 FY PAYMENTS)

18. Exp. Obj.	19. Exp. Amount	20. CFDA No.	15. Subtotal
4443	\$16,063.35		\$16,063.35
		22. Obligation No.	23. Payment Amount
		00	\$16,063.35
			16. Discount/Deduction
21. Total Exp.	\$16,063.35	24. Total Payment Amount	17. Total Amount
		\$16,063.35	\$16,063.35

25. For Agency Use Only

REF DOC:
 SUBA: 30600
 SUB SUBA: LP60S
 BLANKET OBL#:

Certification of Receiving Agency

I certify that the goods or services specified on this voucher were for the use of this agency and that the expenditure for such goods or services was authorized and lawfully incurred, that such goods or services meet all the required standards set forth in the purchase agreement or contract to which this voucher relates; and that the amount shown on this voucher is correct and approved for payment. If applicable, the reporting requirements of Section 5.1 of the Governor's Office of Management and Budget Act have been met.

Approved for Payment

Receiving Officer _____ Date _____ Clerk _____

Head of Unit or Authorized Agent _____ Date _____ (Date) Agency Head (Signature) _____

000359

Reviewer: Theresa Sitton Queue Date: 7/3/08 Initial Review Date: 10/16/08
 Subject to Program: 732
 LPC # & County: 1671203337/Sangamon PM: Bloome
 Site Name: Springfield/Illinois Ayers Oil Co
 LUST Incident # 991372 Billing Period: 12/1/99 to 11/1/07
 Early Action: _____ Site Class.: _____ Low Priority: _____ High Priority: XX
 Free Product: _____ Site Invest.: _____ Corrective Action: _____

Amount requested for High Priority: 21,863.35
SUB TOTAL: \$21,863.35
Less: STANDARD DEDUCTIBLE: MET

Less: DEDUCTIONS:
 # 35 unreasonable the invoice has been changed from 6/16/08 to 12/16/99 (5,800.00)
 to imply the work was done 12/16/99

SUMMARY DATE: 10/20/08 ORIGINAL Q-DATE: _____
 NFR DATE: _____
 OPT-IN DATE: _____ Total Amount Due: \$16,063.35

Payee: Illinois Ayers Oil Company Facility: Illinois Ayers Oil Company
 Attention: Carl Adams Jr Address: 430 Stanford Avenue
c/o CSD Environmental Services Inc City/State: Springfield IL
 Address: PO Box 20912 County: Sangamon
 City/St./Zip: Springfield IL 62708-0912 000300

TO: Bill Radlinski
FROM: Theresa Sitton

Initial Review Date: 10/16/08
Project Manager: Bloome
Subject to Program: 732
Sent to Tech: _____

LPC # & County: 1671203337/Sangamon
Site City & Name: Springfield/Illinois Ayers Oil Co
Site Address: 430 Stanford Ave
LUST Incident #: 991372
LUST / FISCAL FILE _____

The above referenced facility's consultants/contractors submission regarding invoices and billings has been reviewed.

The consultant/contractor in this billing package is: CSD Environmental Services

Queue Date: 7/3/08 120 Day Date: 10/31/08
Revised Queue Date: _____ Revised 120 Day Date: _____

IEMA: 6/8/99 52 Days After IEMA: 7/30/99
OSFM: _____ Date of 45 Day Report: 7/20/99
F.P. Discovered: _____ 45 Days After Free Product was Discovered: _____
E.A. Ext Date: _____ Date of Site Class. Comp. Report: 11/9/99
NFR Date: _____ Date of Site Invest. Comp. Report: _____
Opt-In Date: _____ Or Stage of Site Invest. work being billed: _____
Opt-In as New Owner: _____

of Eligible Tanks: 4 Tank Size: 2x12,000 1x10,000 gas, 1x10,000 diesel
Tank Pull: _____ Planned: _____ Not Planned: _____

The **Billing Period** for this claim covers: 12/1/99 to 11/1/07

The **Amount Requested** in this billing package is: \$21,863.35

The **Budget Amount Approved** for this site is: \$499,886.58

The **Deductible Applied** to this billing package is: MET

Early Action: _____ Site Class.: _____ Low Priority: _____ High Priority: XX
Free Product: _____ Site Invest.: _____ Corrective Action: _____

MANDATORY DOCUMENTS:

- X 1. Payment Certification Form.
- X 2. Owner/Operator & Professional Engineer/Geologist Billing Certification Form.
- X 3. Private Insurance Coverage Questionnaire & Affidavit Forms.
- X 4. Federal Taxpayer Identification Number &/or W-9 Form(s):
- X 5. Copy of OSFM Eligibility / Deductibility Letter.
- X 6. Women / Minority Business Enterprise Form.

The costs have been deemed reasonable based upon established standards, practices and procedures with the following exceptions:

Accounting deductions for \$5,800.00 field purchase the invoice has been changed for service date of 6/16/08 to 12/16/99 #35 unreasonable

Deductible \$10,000.00 met 2 claims 8/4/99 \$4,442.72 & 9/8/99 \$18,202.68

Amount requested	\$21,683.35
Accounting deductions	5,800.00
Total to pay	16,063.35

This review does not take into consideration the following issues: 1) The legitimacy or validity of the site remediation activities; 2) Whether or not plans for corrective action were submitted or approved by the Agency pursuant to Sections 22.18b(d)(4)(E) and 22.18b(d)(4)(F) of the Environmental Protection Act; 3) If there are any reports, technical data, or information in support of this claim.

Illinois Environmental Protection Agency
BOL - LUST Incident Tracking (L.I.T.)

Incident # LPC #: IEMA Date:

Site:
Street:
City: State: Zip:
County: Latitude: Longitude:

PRP:
Attn: Phone:
Street:
City: State: Zip:

Project Mgr:
Consultant:
Subject to: Opt-In Date: Site Class.:
Products:

Non-LUST Letter Date: 57.5(g) Letter Date:

20-Day Rpt.: 45-Day Rpt.:

NFR Date: Reissued: Recorded:
Reminder: Intent to Void: Rescission:
DLC for Void: Voided:

Alternative Technologies:
Transferred (Date/Program):
Selected 45-Day Report: Select Work Plan:
MTBE > 40 ppb in Groundwater: Early Action Extended to:
Right to Know Status: As of:
Free Product Discovery Date:

Comments: *RL 10/15/99 approved 45 day report.*
\$21,863.35
B.P. 12/1/99 - 11/1/07
Deed \$10,000.00 met
2 claims 8/4/99 \$4442.72
9/8/99 \$18202.68
OSFM N/A
Deed N/A
eligible 4 2 x 12K gasoline
1X10K
1X10K diesel

que 7/3/08

claim # 54643

Thursday, October 16, 2008

Page 1 of 3

**Illinois Environmental Protection Agency
BOL - LUST Incident Tracking (L.I.T.)**

Incident #	<input type="text" value="991372"/>	LPC #:	<input type="text" value="1671203337"/>	IEMA Date:	<input type="text" value="6/8/1999"/>
------------	-------------------------------------	--------	---	------------	---------------------------------------

TACO

<p>On-Site</p> <p><u>Barriers:</u></p> <p><input type="checkbox"/> Building/Structure</p> <p><input type="checkbox"/> Pavement</p> <p><input type="checkbox"/> Soil</p> <p><input type="checkbox"/> Other <input style="width:150px;" type="text"/></p>	<p><u>Institutional Controls:</u></p> <p><input type="checkbox"/> Groundwater Use Restriction</p> <p><input type="checkbox"/> Ordinance</p> <p><input type="checkbox"/> Ind./Com. Land Use Restriction</p> <p><input type="checkbox"/> Worker Caution</p> <p><input type="checkbox"/> Other <input style="width:150px;" type="text"/></p>
<p>Off-Site</p> <p><u>ELUC:</u></p> <p><input type="checkbox"/> Groundwater Use Restriction</p> <p><input type="checkbox"/> Ind./Com. Land Use Restriction</p> <p><input type="checkbox"/> Engineered Barrier</p> <p><input type="checkbox"/> Worker Caution</p> <p><input type="checkbox"/> Soil Handling</p> <p><input type="checkbox"/> Other <input style="width:150px;" type="text"/></p>	<p><u>Highway Authority Agreements:</u></p> <p><input type="checkbox"/> Highway Authority</p> <p><input type="checkbox"/> Highway Authority MOA.</p>

General Events

Date	Event Description
7/2/1999	Notice of Release Letter sent
9/20/1999	Review Letter sent
9/28/1999	45 Day Report Addendum received
10/15/1999	Review Letter sent

Title XVI Events

Title XVI Name	Received	Resp. Due	Dec.	Mailed
Site Classification Work Plan Budget	8/4/1999	12/2/1999	AOL	8/17/1999
Site Classification Work Plan	8/4/1999	12/2/1999	AOL	8/17/1999
Site Classification Completion Report	8/30/1999	12/28/1999	APR	11/9/1999
High Priority Corrective Action Plan Bu	12/10/1999	4/8/2000	APR	12/21/1999
High Priority Corrective Action Plan	12/10/1999	4/8/2000	MOD	12/21/1999
Amended Site Classification Budget	1/4/2000	5/3/2000	MOD	4/7/2000
Amended Site Classification Budget	2/9/2000	6/8/2000	APR	4/7/2000
Amended Site Classification Budget	5/4/2000	9/1/2000	APR	8/18/2000
High Priority Corrective Action Plan Bu	9/1/2000	12/30/2000	DEN	11/29/2000
High Priority Corrective Action Plan Bu	12/22/2006	4/21/2007	MOD	3/6/2007
High Priority Corrective Action Plan	12/22/2006	4/21/2007	APR	3/6/2007
High Priority Corrective Action Plan Bu	6/27/2008	10/25/2008	APR	8/20/2008

Illinois Environmental Protection Agency
BOL - LUST Incident Tracking (L.I.T.)

Incident # LPC #: IEMA Date:

Title XVI Name	Received	Resp. Due	Dec.	Mailed
High Priority Corrective Action Plan	6/27/2008	10/25/2008	APR	8/20/2008

Violations

--

Lust Claims Tracking System

Incident Number	991372	IEPA Number:	1671203337
Site:	ILLINOIS AYERS OIL CO.		
Owner:	ILLINOIS AYERS OIL CO.		
Status:	ELG	EPA/OSFM Approval:	7/23/1999
Deductible	\$10,000.00	OPT-IN Date:	
Closure Date:			
Comments			

Request Received	Status Code	Amount Requested	Amount Paid	Voucher Date	Deductible Applied
8/4/1999	INC	\$4,442.72	\$0.00 ✓		\$0.00
9/8/1999	VOP	\$18,202.68	\$11,838.13 ✓	1/14/2000	\$5,619.85
1/28/2000	VOP	\$46.79	\$46.79 ✓	5/16/2000	\$0.00
2/9/2000	VOP	\$255,401.49	\$255,401.49 ✓	6/19/2000	\$0.00
5/15/2000	VOP	\$58,197.75	\$21,934.73 ✓	9/22/2000	\$0.00
4/10/2001	VOP ✓	\$17,904.27	\$16,921.14 ✓	7/31/2001	\$0.00
6/7/2005	VOP	\$22,685.37	\$15,494.33 ✓	5/15/2006	\$0.00
3/19/2007	VOP	\$54,885.49	\$4,721.20 ✓	9/15/2008	\$0.00
11/28/2007	LTR	\$88,090.50	\$88,090.50 ✓		\$0.00
7/3/2008	NRE	\$21,863.35	\$0.00 ✓		\$0.00
		\$541,720.41	\$414,448.31		\$5,619.85

Thursday, October 16, 2008

**QUEUE DATE TRACKING SHEET
LUST CLAIMS UNIT**

LPC # 1671203337
INCIDENT # 991372

QUEUE DATE: 7/3/2008 120-DAY 10/31/2008

SITE NAME: ILLINOIS AYERS OIL CO.

OWNER/ OPERATOR: ILLINOIS AYERS OIL CO.

CLASS CODE: HP PROGRAM: 732

AMOUNT REQUESTED: \$21,863.35

BILLING PERIOD FROM: 12/1/1999 TO: 11/1/2007

CONSULTANT: CSD ENVIRONMENTAL SERVICES, INC.

OPT-IN:

NFR:

SENT TO DIVISION FILE:

COMMENTS:

L.U.S.T Reimbursement Request
(for High Priority Corrective Action)

#7

Prepared for:

Illinois Ayers Oil Company

LPC# 167203337 – Sangamon County
Springfield / Illinois Ayers Oil Co. (Ayerco #14)
430 Stanford Avenue

LUST Incident(s) #991372

July 2008

RECEIVED
JUL 03 2008
IEPA/BOL

L.U.S.T Reimbursement Request

(for High Priority Corrective Action)

#7

Prepared for:

Illinois Ayers Oil Company

LPC# 1671203337 – Sangamon County
Springfield / Illinois Ayers Oil Co. (Ayerco #14)
430 Stanford Avenue

LUST Incident(s) #991372

Prepared by:

CSD Environmental Services, Inc.
2220 Yale Boulevard
Springfield, IL 62702

Phone: (217) 522-4085
Fax: (217) 522-4087

TABLE OF CONTENTS

- 1.0 General Information for the Budget / Billing Forms & W-9**
- 2.0 Accounting of Cost for Corrective Action Activities**
- 3.0 Payment Certification, P.E. / P.G. Certification Form, Private Insurance Form, Federal Tax ID Form & WBE / MBE Form**
- 4.0 Proof of OSFM Determination of Eligibility to Access the Fund**
- 5.0 Bills & Receipts**
- 6.0 Proof of Payment**
- 7.0 IEPA Approval Letter**
- 8.0 Proof Deductible has been Paid**

IEMA No. 991372

If eligible for reimbursement, where should reimbursement checks be sent? Please note that only owners or operators of USTs may be eligible for reimbursement. Therefore, payment can only be made to an owner or operator.

Pay to the order of: Illinois Ayers Oil Company
 Send in care of: CSD Environmental Services, Inc.
 Address: P.O. Box 20912
 City: Springfield State: Illinois Zip: 62708-0912

Number of Petroleum USTs in Illinois presently owned or operated by the owner or operator; any subsidiary, parent or joint stock company of the owner or operator; and any company owned by any parent, subsidiary or joint stock company of the owner or operator:

Fewer than 101: X 101 or more: _____

Number of USTs at the site: 4 (Number of USTs includes USTs presently at the site and USTs that have been removed.)

Number of incidents reported to IEMA: One

Incident Numbers assigned to the site due to releases from USTs: 991372

Please list all tanks which have ever been located at the site and are presently located at the site.

Product Stored	Size (gallons)	Did UST have a release?	Incident No.	Type of Release
Unleaded Fuel	12000	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	991372	Spill/Overfill
Unleaded Fuel	12000	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	991372	Spill/Overfill
Unleaded Fuel	10000	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	991372	Spill/Overfill
Diesel Fuel	10000	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	991372	Spill/Overfill
		<input type="checkbox"/> Yes <input type="checkbox"/> No		
		<input type="checkbox"/> Yes <input type="checkbox"/> No		
		<input type="checkbox"/> Yes <input type="checkbox"/> No		
		<input type="checkbox"/> Yes <input type="checkbox"/> No		
		<input type="checkbox"/> Yes <input type="checkbox"/> No		
		<input type="checkbox"/> Yes <input type="checkbox"/> No		

D. PAYMENT CERTIFICATION - This certification must be included with every request for payment.

I, Carl Adams, Jr. the owner or operator of the LUST site for which this claim is being submitted, certify that \$ 21,863.35 is the amount being sought in this claim for reimbursement,

\$ 326,357.81 has already been reimbursed from the Fund for this occurrence and

\$ 88,090.50 has been sent to the Agency for reimbursement for this occurrence but has not yet been reimbursed. I further certify that the number of petroleum USTs in Illinois presently owned or operated by the owner or operator, any subsidiary, parent or joint stock company of the owner or operator, and any company owned by any parent, subsidiary or joint stock company of the owner or operator is:

Fewer than 101: X 101 or more:

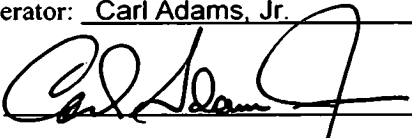
Except for claims associated with Early Action, I certify that a plan for the work included in this billing package was approved by the Agency on 03/06/07; certify that a budget for the work included in this claim was approved by the Agency on 03/06/07; certify that the amount sought for payment was expended in conformance with the approved budget and approved plan.

I further certify that if the costs included in this claim for reimbursement are approved for payment, the following limitations will not be exceeded:

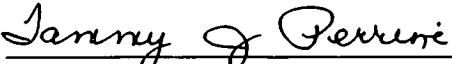
1. Payment of this claim will not result in the owner or operator receiving reimbursement of corrective action costs or indemnification costs from the Fund for more than \$1,000,000 per occurrence.
2. Payment of this claim will not result in the owner or operator receiving reimbursement of corrective action costs or indemnification costs from the Fund incurred during a calendar year in excess of the following amounts:

\$1,000,000, if fewer than 101 tanks are owned or operated in Illinois.
\$2,000,000, if 101 or more tanks are owned or operated in Illinois.

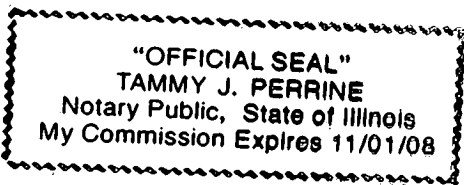
Owner/Operator: Carl Adams, Jr. Title: President

Signature:  Date: 7/1/08

Subscribed and sworn to before me the 1st day of July, 20 08.
(This certification must be notarized when the certification is signed.)


(Notary Public)

Seal:



Illinois Environmental Protection Agency

Owner/Operator and Professional Engineer / Professional Geologist Billing Certification Form for Leaking Underground Storage Tanks Sites

I hereby certify that the attached bills are for performing Corrective Action activities at Ayerco #14 (430 Stanford Ave., Springfield) LUST site for the billing period of December, 1999 to November, 2007. I further certify that the costs included in this billing are not for corrective action in excess of the minimum requirements of 415 ILCS 5/57. I further certify that costs ineligible for payment from the Fund pursuant to 35 Illinois Administrative Code Section 732.606 are not included in this billing package. Such ineligible costs include but are not limited to:

- Costs associated with ineligible tanks.
- Costs associated with site restoration (e.g., pump islands, canopies).
- Costs associated with utility replacement (e.g., sewers, electrical, telephone, etc.).
- Costs incurred prior to IEMA notification.
- Costs associated with planned tank pulls.
- Legal defense costs.
- Costs incurred prior to July 28, 1989.
- Costs associated with installation of new USTs or the repair of existing USTs.

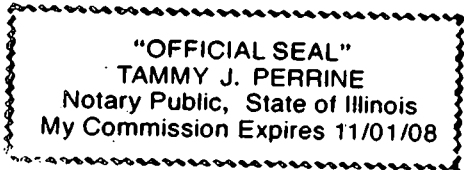
I further certify that this billing and all attachments thereto were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted therein. I affirm that the information is, to the best of my knowledge and belief, true, accurate and complete and the costs for remediating said LUST site are correct and reasonable. Such affirmation is made under penalty of perjury as defined in Section 32.2 of the Criminal Code of 1961, Ill. Rev. Stat. 1991, ch. 38, par. 32.2. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowingly committing violations.

Owner/Operator: Carl Adams, Jr. Title: President

Signature: [Signature] Date: 7/1/08

Subscribed and sworn to before me the 1st day of July, 2008.
(Budget Proposals and Budget Amendments must be notarized when the certification is signed.)

Tammy J. Perrine
(Notary Public)



P.E. / P.G.: Cindy S. Davis

P.E. / P.G. Signature: [Signature] Date: 7/3/08

Subscribed and sworn to before me the 3 day of July, 1908.
(Budget Proposals and Budget Amendments must be notarized when the certification is signed.)

[Signature]
(Notary Public)



The Agency is authorized to require this information under 415 ILCS 5/1. Disclosure of this information is required. Failure to do so may result in the delay or denial of any budget or payment requested hereunder. This form has been approved by the Forms Management Center.

UNDERGROUND STORAGE TANK PROGRAM
Private Insurance Coverage
Questionnaire and Affidavit

This form must be completed in full by all owners/operators or their authorized representatives, that have a claim for payment from the State of Illinois Leaking Underground Storage Tank (LUST) program, for the labor, materials, overhead and profit costs related to the study and/or remediation of a LUST site.

1. Name and address of the LUST site: Illinois Ayers Oil Company (Ayerco #14
430 Stanford Avenue
Springfield, IL. 62703

2. Name of insurance company providing coverage for this LUST site: None

3. Amount of coverage provided: \$ None

4. Have you or your firm filed a claim against your insurance company for this LUST site?
Yes No XXXX

a. If yes, how much is the claim for? \$ _____

b. If no, explain why. No private insurance was carried for LUST releases

5. Have you or your firm received payment for a claim against your insurance company for this LUST site? Yes No XXXX

a. If yes, how much and when? \$ _____
Date _____

b. If no, explain why. No private insurance was carried for LUST releases

6. Are you going to file a claim against your insurance policy? Yes No XXXX

a. If yes, how much and when? \$ _____
Date _____

b. If no, explain why. No private insurance was carried for LUST releases

I, Carl Adams, Jr., a duly authorized representative of Illinois Ayers Oil Co.,
(owner/operator or firm's name)

hereby certify that Illinois Ayers Oil Co. does, X does not have private
(owner/operator or firm's name)

insurance coverage for all or part of the costs related to claim for payment of Illinois Ayers Oil Co.

study and/or remediation costs for work performed at Ayerco #14 located
(site name)

at 430 Stanford Avenue, Springfield, IL. 62703
(address)

I, Carl Adams, Jr., President of Illinois Ayers Oil Co.
(name) (title) (owner/operator or firm's name)

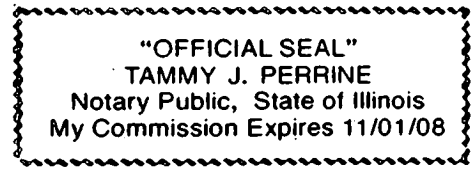
certify that as of this date, the above information is accurate and complete. Furthermore, I also agree to reimburse the Illinois EPA for any overpayment made by my private insurance company in excess of the deductible amount for each site.

Owner/Operator: Carl Adams, Jr. Title: President

Signature: [Handwritten Signature] Date: 7/1/08

Subscribed and sworn to before me the 1st day of July, 20 08.
(The Private Insurance Affidavit must be notarized when the affidavit is signed.)

Tammy J Perrine Seal:
(Notary Public)



The Agency is authorized to require this information under 415 ILCS 5/1. Disclosure of this information is required. Failure to do so may result in the delay or denial of any budget or payment requested hereunder. This form has been approved by the Forms Management Center.

**FEDERAL TAYPAYER IDENTIFICATION NUMBER AND
LEGAL STATUS DISCLOSURE CERTIFICATION REQUIREMENTS**

In order to comply with requirements mandated by Internal Revenue Service Rules and Regulations, the tank owner/operator must complete the section entitled TAXPAYER IDENTIFICATION NUMBER AND LEGAL STATUS DISCLOSURE CERTIFICATION below.

Enter your taxpayer identification number (TIN) in the appropriate space. For individuals and sole proprietors, this is your social security number. For other entities, it is your employer identification number. Federal Employer Identification Numbers (FEINs) must not be used for sole proprietorships.

If you do not have a TIN, apply for one immediately. To apply, get Form SS-5, Application for a Social Security Number Card (for individuals) from your local office of the Social Security administration, or Form SS-4, Application for Employer Identification Number (for businesses and all other entities), from your local Internal Revenue Service office.

To complete the certification if you do not have a TIN, fill out the certification including that a TIN has been applied for, sign and date the form, and return it to this Agency. As soon as you receive your TIN, fill out another such form including your TIN, sign and date the form, and send it to this Agency.

If you fail to furnish your correct TIN to this Agency, you are subject to an IRS penalty of \$50.00 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

WILLFULLY FALSIFYING CERTIFICATIONS OR AFFIRMATIONS MAY SUBJECT YOU TO CRIMINAL PENALTIES INCLUDING FINES AND/OR IMPRISONMENT.

Please return the completed form to the Bureau of Land, Remedial Projects, Accounting & Procurement Unit, Post Office Box 19276, Springfield, Illinois 62794-9276.

TAXPAYER IDENTIFICATION NUMBER AND LEGAL STATUS DISCLOSURE CERTIFICATION.
Under penalties of perjury, I certify that the FEIN or Social Security Number indicated below is my correct Federal Taxpayer Identification Number. I am doing business as a (please check one):

- | | | |
|---|--|--|
| <input type="checkbox"/> Individual | <input type="checkbox"/> Sole Proprietorship | <input type="checkbox"/> Real Estate Agent |
| <input type="checkbox"/> Partnership | <input type="checkbox"/> Governmental Entity | <input type="checkbox"/> Not-for-Profit Corporation |
| <input checked="" type="checkbox"/> Corporation | <input type="checkbox"/> Tax Exempt Organization | <input type="checkbox"/> Medical & Health Care |
| <input type="checkbox"/> Trust or Estate | <input type="checkbox"/> (IRC 501(a) only) | <input type="checkbox"/> Services Provider Corporation |

37-0860487
Taxpayer Identification Number



Signed

7/1/08

Date

Illinois Ayers Oil Company
Name of Firm (Please print or type)
Note: Original signature required.

This Agency is authorized to request this information under the Illinois Environmental Protection Act, 415 ILCS 5/1 et seq. (Formerly Ill. Rev. Stat. Ch 111-1/2, 1001 et seq.). Disclosure of this information is required. Failure to properly complete this form in its entirety may result in the delay or denial of any payment requested hereunder. This form has been approved by the Forms Management Center.

Form **W-9**
(Rev. November 2005)
Department of the Treasury
Internal Revenue Service

**Request for Taxpayer
Identification Number and Certification**

Give form to the
requester. Do not
send to the IRS.

Print or type
See Specific Instructions on page 2.

Name (as shown on your income tax return)
Illinois Ayers Oil Company, Inc.

Business name, if different from above

Check appropriate box: Individual/Sole proprietor Corporation Partnership Other Exempt from backup withholding

Address (number, street, and apt. or suite no.)
c/o CSD Environmental Services, Inc., PO Box 20912

City, state, and ZIP code
Springfield, IL. 62708-0912

List account number(s) here (optional)

Requester's name and address (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on Line 1 to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Social security number

--	--	--	--	--	--	--	--	--	--

or

Employer identification number

3	7	0	8	6	0	4	8	7
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Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Part II Certification

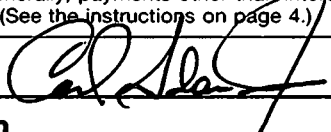
Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me), and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
- I am a U.S. person (including a U.S. resident alien).

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the Certification, but you must provide your correct TIN. (See the instructions on page 4.)

Sign Here

Signature of U.S. person



Date

7/1/08

Purpose of Form

A person who is required to file an information return with the IRS, must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

U.S. person. Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee.

In 3 above, if applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

For federal tax purposes, you are considered a person if you are:

- An individual who is a citizen or resident of the United States,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States, or
- Any estate (other than a foreign estate) or trust. See Regulations sections 301.7701-6(a) and 7(a) for additional information.

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.

The person who gives Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States is in the following cases:

- The U.S. owner of a disregarded entity and not the entity,

**UNDERGROUND STORAGE TANK PROGRAM
Illinois Environmental Protection Agency**

The IEPA is required to report State and Federal funds paid to Women's Business Enterprises (WBE) and to Minority Business Enterprises (MBE). Therefore, please provide the required information for all Prime Consultants/Contractors and Subcontractors used to perform the work for this billing:

Name of LUST site: Illinois Ayers Oil Company (Ayerco #14) Incident No. 991372

The work for this billing was performed from December 1999 to November 2007

Prime Consultants and/or Contractors:

FIRM'S NAME, ADDRESS AND TELEPHONE NUMBER	IS THIS FIRM A WBE/ MBE?	IF YES, WHAT IS THEIR STATE OF ILLINOIS VENDOR NUMBER?	AMOUNT PAID OR DUE THIS BILLING
CSD Environmental Services, Inc. 2220 Yale Boulevard Springfield, IL 62703 (217)522-4085	WBE	37-1341081	\$13,883.35

Billing Subtotal \$ 13,883.35

Subcontractors:

Heartland Drilling and Remediation	YES	37-1407764	\$ 3,486.40
TMI Analytical Services	NO		\$4,112.60
Shively Geotechnical	NO		\$ 381.00

BILLING TOTAL \$ 21,863.35

**WBE/MBE = If the firm is a WBE, place the term WBE in the space provided. If the firm is a MBE, place the term MBE in the space provided. If the firm is neither a WBE nor MBE, place the word NO in the space provided.

NOTE: *This form may be reproduced if space is not sufficient to include all Subcontractors used on this billing.*

This Agency is authorized to request this information under the Illinois Environmental Protection Act, 415 ILCS 5/1 et seq. (Formerly Ill. Rev. Stat. Ch 111-1/2, 1001 et seq.). Disclosure of this information is required. Failure to properly complete this form in its entirety may result in the delay or denial of any payment requested hereunder. This form has been approved by the Forms Management Center.

IL 532 2167
LPC 481 Jan. 98
BB:ct\WBE_MBE.wpd



Office of the Illinois
State Fire Marshal

General Office

217-785-7969

FAX

217-782-1062

Divisions

ARSON INVESTIGATION

217-782-3118

BOILER and PRESSURE

VESSEL SAFETY

217-782-2996

FIRE PREVENTION

217-782-4714

MANAGEMENT SERVICES

217-782-6889

INFIRMS

217-785-5825

HUMAN RESOURCES

217-785-1026

PERSONNEL STANDARDS

and EDUCATION

217-782-4642

PETROLEUM and

CHEMICAL SAFETY

217-785-3873

PUBLIC INFORMATION

217-782-1021

WEB SITE

www.idhs.gov/ifm

CERTIFIED MAIL - RECEIPT REQUESTED #Z 082 408 981

July 23, 1999

Illinois Ayers Oil Company
P.O. Box 772
Quincy, IL 62306

In Re:

Facility No. 5-020797
IEMA Incident No. 99-1572
Ayerco Convenience Center #14
430 Stanford Avenue
Springfield, Sangamon Co., IL

Dear Applicant:

The Reimbursement Eligibility and Deductible Application received on July 13, 1999 for the above referenced occurrence has been reviewed. The following determinations have been made based upon this review.

It has been determined that you are eligible to seek payment of costs in excess of \$10,000. The costs must be in response to the occurrence referenced above and associated with the following tanks:

Eligible Tanks

- Tank 1 12,000 gallon Gasoline
- Tank 2 12,000 gallon Gasoline
- Tank 3 10,000 gallon Gasoline
- Tank 4 10,000 gallon Diesel

You must contact the Illinois Environmental Protection Agency to receive a packet of Agency billing forms for submitting your request for payment.

An owner or operator is eligible to access the Underground Storage Tank Fund if the eligibility requirements are satisfied:

1. Neither the owner nor the operator is the United States Government,
2. The tank does not contain fuel that is exempt from the Motor Fuel Tax Law,
3. The costs were incurred as a result of a confirmed release of any of the following substances:

"Fuel", as defined in Section 1.19 of the Motor Fuel Tax Law

Aviation fuel

Heating oil

Kerosene

Used oil, which has been refined from crude oil used in a motor vehicle, as defined in Section 1.3 of the Motor Fuel Tax Law.

4. The owner or operator registered the tank and paid all fees in accordance with the statutory and regulatory requirements of the Gasoline Storage Act.
5. The owner or operator notified the Illinois Emergency Management Agency of a confirmed release, the costs were incurred after the notification and the costs were a result of a release of a substance listed in this Section. Costs of corrective action or indemnification incurred before providing that notification shall not be eligible for payment. --
6. The costs have not already been paid to the owner or operator under a private insurance policy, other written agreement, or court order.
7. The costs were associated with "corrective action".

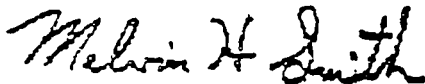
This constitutes the final decision as it relates to your eligibility and deductibility. We reserve the right to change the deductible determination should additional information that would change the determination become available. An underground storage tank owner or operator may appeal the decision to the Illinois Pollution Control Board (Board), pursuant to Section 57.9 (c) (2). An owner or operator who seeks to appeal the decision shall file a petition for a hearing before the Board within 35 days of the date of mailing of the final decision, (35 Illinois Administrative Code 105.102(a) (2)).

For information regarding the filing of an appeal, please contact:

Dorothy Gunn, Clerk
Illinois Pollution Control Board
State of Illinois Center
100 West Randolph, Suite 11-500
Chicago, Illinois 60601
(312) 814-3620

If you have any questions regarding the eligibility or deductibility determinations, please contact our Office at (217) 785-1020 or (217) 785-5878.

Sincerely,



Melvin H. Smith
Division Director
Division of Petroleum and Chemical Safety

MHS/dl

cc: EPA
Facility File

C. APPROVED BUDGET SUMMARY AND BILLING SUMMARY

1. Amount approved in the Budget

1. Investigation Costs:	<u>\$ 15,440.26</u>
2. Analysis Costs:	<u>\$ 45,858.35</u>
3. Personnel Costs:	<u>\$ 103,178.72</u>
4. Equipment Costs:	<u>\$ 5,200.60</u>
5. Field Purchases and Other Costs:	<u>\$ 273,877.46</u>
6. Handling Charges:	<u>\$ 8,289.07</u>
TOTAL APPROVED IN THE BUDGET:	<u>\$ 451,844.46</u>

2. Actual Amount Spent

1. Investigation Costs:	<u>\$ 3,486.40</u> ✓
2. Analysis Costs:	<u>\$ 4,493.60</u> ✓
3. Personnel Costs:	<u>\$ 6,089.58</u> ✓
4. Equipment Costs:	<u>\$ 1,090.00</u> ✓
5. Field Purchases and Other Costs:	<u>\$ 5,805.24</u> ✓ <i>5.24</i>
6. Handling Charges:	<u>\$ 898.53</u> ✓
TOTAL AMOUNT SPENT:	<u>\$ 21,863.35</u> <i><-5800.00></i> <i>16,063.35</i>

A budget for the bills included in this billing package was approved by the Agency on 12/21/1999.

This billing package includes bills which were included in the Budget Amendment dated Nov-06,
and approved by the Agency on 3/6/2007.

Neither a budget nor a budget amendment were approved by the Agency for the bills included in this package.

Company	Invoice #	Investigation	Analysis	Personnel	Equipment	Field Purchases	Other Costs	Handling Charges	Total
CSD		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CSD		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CSD		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CSD	07-00081	\$0.00	\$0.00	\$23.13	\$0.00	\$0.00	\$0.00	\$0.00	\$23.13
CSD	07-00500	\$0.00	\$0.00	\$61.67	\$0.00	\$0.00	\$0.00	\$0.00	\$61.67
CSD	07-00586	\$0.00	\$0.00	\$33.41	\$0.00	\$0.00	\$0.00	\$0.00	\$33.41
CSD	07-00834	\$0.00	\$0.00	\$68.82	\$0.00	\$0.00	\$0.00	\$0.00	\$68.82
CSD	07-00910	\$0.00	\$0.00	\$3,385.89	\$975.00	\$0.00	\$0.00	\$0.00	\$4,360.89
CSD	07-01001	\$3,486.40	\$4,014.60	\$2,175.22	\$115.00	\$5.24	\$0.00	\$0.00	\$9,796.46
CSD	07-01109	\$0.00	\$479.00	\$341.44	\$0.00	\$0.00	\$0.00	\$0.00	\$820.44
CSD	08-1734	\$0.00	\$0.00	\$0.00	\$0.00	\$5,800.00	\$0.00	\$0.00	\$5,800.00
CSD		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CSD		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CSD		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CSD		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CSD									\$0.00
CSD									\$0.00
CSD									\$0.00
CSD									\$0.00
CSD									\$0.00
CSD									\$0.00
CSD									\$0.00
sliding scale adjustment									\$898.53
Subtotals:		\$3,486.40	\$4,493.60	\$6,089.58	\$1,090.00	\$5,805.24	\$0.00	\$0.00	\$21,863.35
						FP & Other	\$5,805.24		

E. INVESTIGATION COSTS

Method I Method II Method III Not Applicable

1. Drilling Costs - This includes the costs for drilling labor, drill rig usage, and other drilling equipment. Borings which are to be completed as monitoring wells should be listed here. Costs associated with disposal of cuttings should not be included here. An indication must be made as to why each boring is being conducted (i.e., classification, monitoring wells, migration pathways).

<u>4</u>	borings to	<u>16</u>	feet =	<u>64.0</u>	feet to be bored for	<u>MW-20 thru MW-23</u>
<u>6</u>	borings to	<u>8</u>	feet =	<u>48.0</u>	feet to be bored for	<u>B-13 thru B-18</u>
<u> </u>	borings to	<u> </u>	feet =	<u> </u>	feet to be bored for	<u> </u>
<u> </u>	borings to	<u> </u>	feet =	<u> </u>	feet to be bored for	<u> </u>
<u> </u>	borings to	<u> </u>	feet =	<u> </u>	feet to be bored for	<u> </u>

Total Feet to be Bored: 112.0

Hollow Stem Boring	<u>64</u>	feet x \$	<u>23.64</u>	per foot =	<u>\$1,512.96</u>
Direct Push Boring:	<u>48</u>	feet x \$	<u>18.5</u>	per foot =	<u>888.00</u>

Borings: feet x per foot = (or)

Hours x per hour =

<u> </u>	borings through	<u> </u>	ft of bedrock=	<u> </u>	Ft bedrock to be bored
<u> </u>	borings through	<u> </u>	ft of bedrock=	<u> </u>	Ft bedrock to be bored

Total Feet bedrock to be Bored:

Borings:	<u> </u>	ft bedrock x	\$ <u>-</u>	per ft bedrock =	<u> </u> (or)
<u> </u>	Hours x	\$ <u>-</u>	per Hour	\$ <u>-</u>	
<u> </u>	# of Mobilizations @	\$ <u>-</u>	per mobilization =	\$ <u>-</u>	

Other Costs	Number of Units	Unit Cost	Total Cost
		\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -

2. Professional Services (e.g. P.E., geologist) - These costs must be listed in Section I, the Personnel section of the forms.

3. **Monitoring Well Installation Materials** - Costs listed here must be costs associated with the well casing, well screens, filter pack, annular seal, surface seal, well covers, etc. List the items below in a time and materials format.

Material	Number of Units	Unit Cost	Total Cost
Monitoring Well Installation	64	\$ 16.96	\$ 1,085.44
		\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -

4. **Disposal Costs** - This includes the costs for disposing of boring cuttings and any water generated while performing borings or installing wells.

Disposal of Cuttings: _____ drums x \$ - per drum = \$ -
 Disposal of Water: _____ gallons x \$ - per gallon = \$ -
 Transportation Costs: \$ _____

Describe how the water/ soil will be disposed:

Total Investigation Costs: \$ 3,486.40

F. ANALYSIS COSTS

1. **Physical Soil Analysis** - This must only include analysis costs for classification of soil types at the site.

<u>2</u> Moisture Content samples x	\$ <u>4.50</u>	per sample =	\$ <u>9.00</u>
<u>2</u> Bulk Density samples x	\$ <u>11.00</u>	per sample =	\$ <u>22.00</u>
<u>2</u> Particle Density samples x	<u>\$65.00</u>	per sample =	\$ <u>\$130.00</u>
<u>2</u> Soil Particle Size samples x	\$ <u>85.00</u>	per sample =	\$ <u>170.00</u>
<u> </u> Ex-situ Hydraulic Conductivity/Permeability samples			
	x \$ <u>-</u>	per sample =	\$ <u>-</u>

Indicate the method to be performed: _____

<u> </u> Rock Hydraulic Conductivity/Permeability samples			
	x \$ <u>-</u>	per sample =	\$ <u>-</u>
<u>2</u> Natural Organic Carbon Fraction (foc) samples			
	x \$ <u>25.00</u>	per sample =	\$ <u>50.00</u>

Indicate the ASTM or SW-846 method to be performed: _____

_____	samples x	\$ <u>-</u>	per sample =	\$ <u>-</u>
_____	samples x	\$ <u>-</u>	per sample =	\$ <u>-</u>
_____	samples x	\$ <u>-</u>	per sample =	\$ <u>-</u>
_____	samples x	\$ <u>-</u>	per sample =	\$ <u>-</u>
_____	samples x	\$ <u>-</u>	per sample =	\$ <u>-</u>

2. **Soil Analysis Costs** - This must be for laboratory analysis only.

<u>10</u> BTEX samples x	\$ <u>87.37</u>	per sample =	\$ <u>873.70</u>
<u>10</u> PNA samples x	\$ <u>156.24</u>	per sample =	\$ <u>1,562.40</u>
<u> </u> LUST Pollutants samples x	\$ <u>-</u>	per sample =	\$ <u>-</u>

<u> </u> pH Samples x	<u> </u> \$	<u> </u> -	per sample =	<u> </u> \$	<u> </u> -
<u> </u> Paint Filter samples	<u> </u> \$	<u> </u> -	per sample =	<u> </u> \$	<u> </u> -
<u> </u> TCLP Lead samples	<u> </u> \$	<u> </u> -	per sample =	<u> </u> \$	<u> </u> -
<u> </u> Flash Point samples	<u> </u> \$	<u> </u> -	per sample =	<u> </u> \$	<u> </u> -
<u> </u> Lab and/or Field Bank samples	<u> </u> \$	<u> </u> -	per sample =	<u> </u> \$	<u> </u> -
<u> </u>		samples x		<u> </u> \$	<u> </u> -
<u> </u>		samples x		<u> </u> \$	<u> </u> -
<u> </u>		samples x		<u> </u> \$	<u> </u> -
<u> </u>		samples x		<u> </u> \$	<u> </u> -
<u> </u>		samples x		<u> </u> \$	<u> </u> -

3. Groundwater Analysis Costs - This must be for laboratory analysis only.

<u> </u> 7 BTEX samples x	<u> </u> \$	<u> </u> / 83.26	per sample =	<u> </u> \$	<u> </u> 582.82 /
<u> </u> 7 PNA samples x	<u> </u> \$	<u> </u> / 156.24	per sample =	<u> </u> \$	<u> </u> 1,093.68 /
<u> </u> LUST Pollutants samples x	<u> </u> \$	<u> </u> -	per sample =	<u> </u> \$	<u> </u> -
<u> </u> pH Samples x	<u> </u> \$	<u> </u> -	per sample =	<u> </u> \$	<u> </u> -
<u> </u> Lab and/or Field Bank samples	<u> </u> \$	<u> </u> -	per sample =	<u> </u> \$	<u> </u> -
<u> </u> Flash Point samples	<u> </u> \$	<u> </u> -	per sample =	<u> </u> \$	<u> </u> -
<u> </u>		samples x		<u> </u> \$	<u> </u> -
<u> </u>		samples x		<u> </u> \$	<u> </u> -
<u> </u>		samples x		<u> </u> \$	<u> </u> -
<u> </u>		samples x		<u> </u> \$	<u> </u> -
<u> </u>		samples x		<u> </u> \$	<u> </u> -
<u> </u>		samples x		<u> </u> \$	<u> </u> -

TOTAL ANALYSIS COSTS: \$ 4,493.60 /

G. PERSONNEL

All personnel costs that are not included elsewhere in the budget/billing form must be listed here. Costs must be listed per task, not personnel type. The following are some examples of tasks: Drafting, data collection, plan, report, or budget preparation for _____ (i.e., site classification work plan, 45 day report, or high priority corrective action budget), sampling, field oversight for _____ (i.e., drilling/well installation, corrective action, or early action), or maintenance of . The above list is not inclusive of all possible tasks.

Sr. Administrative Asst. : 0.5 hours x \$ 46.26 per hour = \$ 23.13 ✓
(Title)

Task to be performed for the above hours: Copying

Sr. CAD Technician : 1 hours x \$ 61.67 per hour = \$ 61.67 ✓
(Title)

Task to be performed for the above hours: Prepare CAD Maps

Professional Engineer : 0.25 hours x \$ 133.63 per hour = \$ 33.41 ✓
(Title)

Task to be performed for the above hours: Field Work: Arrange Drilling Contractor, Obtain Bids if Necessary

Scientist II : 1 hours x \$ 68.82 per hour = \$ 68.82 ✓
(Title)

Task to be performed for the above hours: Field Preparation, Julie Locate, Review Geology, Meeting with PM

Scientist II : 7.75 hours x \$ 68.82 per hour = \$ 533.35 ✓
(Title)

Task to be performed for the above hours: Field: Guaging Water Level and Sampling Monitoring Wells

Scientist II : 1.5 hours x \$ 68.82 per hour = \$ 103.23 ✓
(Title)

Task to be performed for the above hours: Field: Guaging Water Level and Sampling Monitoring Wells

Sr. Professional Engineer : 1.25 hours x \$ 137.64 per hour = \$ 172.05 ✓
(Title)

Task to be performed for the above hours: Field: P.E. Oversight

Geologist III : 0.5 hours x \$ 93.17 per hour = \$ 46.59 ✓
(Title)

Task to be performed for the above hours: Field Preparation, Julie Locate, Review Geology, Meeting with PM

Pg.1 Subtotal Personnel Costs : \$ 1,042.24 ✓

Sr. Professional Engineer : 0.25 hours x \$ 137.64 per hour = \$ 34.41
 (Title)

Task to be performed for the above hours: Field Preparation, Julie Locate, Review Geology, Meeting with PM

Scientist II : 0.5 hours x \$ 68.82 per hour = \$ 34.41
 (Title)

Task to be performed for the above hours: Field: Prepare Generator Waste Profile for Disposal

Scientist II : 1.75 hours x \$ 68.82 per hour = \$ 120.43
 (Title)

Task to be performed for the above hours: Field: Prepare Samples for Shipping, Deliver to Shipping Site

Scientist II : 2.5 hours x \$ 68.82 per hour = \$ 172.04
 (Title)

Task to be performed for the above hours: Field: Sample Containers, Labels, Certs, COC

Scientist II : 3 hours x \$ 68.82 per hour = \$ 206.46
 (Title)

Task to be performed for the above hours: Field: Sample Containers, Labels, Certs, COC

Geologist III : 20.75 hours x \$ 93.17 per hour = \$ 1,933.28
 (Title)

Task to be performed for the above hours: Field: Soil Boring/MW Installation Oversight and Soil Sampling

Sr. Professional Engineer : 5.25 hours x \$ 137.64 per hour = \$ 722.61
 (Title)

Task to be performed for the above hours: Pay: Reimbursement P.G. Oversight and Certification

Sr. Professional Engineer : 1 hours x \$ 137.64 per hour = \$ 137.64
 (Title)

Task to be performed for the above hours: Plan: Attend Client Meeting; Agency/Client Correspondence

Sr. Cad Technician : 2 hours x \$ 63.52 per hour = \$ 127.04
 (Title)

Task to be performed for the above hours: Plan: Prepare Cad Maps

Sr. Project Manager : 2 hours x \$ 105.87 per hour = \$ 211.74
 (Title)

Task to be performed for the above hours: Budget: Budget Tracking

Pg.2 Subtotal Personnel Costs : \$ 3,700.06

Sr. Account Technician : 1 hours x \$ 58.23 / per hour = \$ 58.23 ✓
(Title)

Task to be performed for the above hours: Plan: Copy, Scan, and Distribute

_____ : _____ hours x _____ per hour = _____
(Title)

Task to be performed for the above hours: _____

Sr. Project Manager : 0.5 hours x \$ 105.87 / per hour = \$ 52.94 ✓
(Title)

Task to be performed for the above hours: Plan: Tabulate and Evaluate Analytical Lab Data

Scientist II : 7.5 hours x \$ 68.82 / per hour = \$ 516.15 ✓
(Title)

Task to be performed for the above hours: Plan: Tabulate and Evaluate Analytical Lab Data

Scientist II : 4.75 hours x \$ 68.82 / per hour = \$ 326.90 ✓
(Title)

Task to be performed for the above hours: Plan: TACO Evaluation

_____ : _____ hours x _____ per hour = \$ -
(Title)

Task to be performed for the above hours: _____

Sr. Professional Engineer : 1.75 hours x \$ 137.64 / per hour = \$ 240.87 ✓
(Title)

Task to be performed for the above hours: Plan: TACO P.E. Review

Administrative I : 0.25 hours x \$ 26.47 / per hour = \$ 6.62 ✓
(Title)

Task to be performed for the above hours: Pay: Copy, Scan and Destribute Request

Sr. Account Technician : 2.5 hours x \$ 58.23 / per hour = \$ 145.58 ✓
(Title)

Task to be performed for the above hours: Pay: Draft LUST Reimbursement Claim Request

_____ : _____ hours x _____ per hour = \$ -
(Title)

Task to be performed for the above hours: _____

Pg.3 Subtotal Personnel Costs : \$ 1,347.28 ✓

_____ : _____ hours x _____ per hour = \$ _____ -
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = \$ _____ -
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = _____
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = \$ _____ -
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = \$ _____ -
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = \$ _____ -
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = _____
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = _____
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = \$ _____ -
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = \$ _____ -
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = _____
(Title)

Task to be performed for the above hours: _____

Pg.4 Subtotal Personnel Costs : \$ _____ -

_____ : _____ hours x _____ per hour = \$ _____
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = _____
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = _____
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = \$ _____
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = \$ _____
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = \$ _____
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = _____
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = _____
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = \$ _____
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = \$ _____
(Title)

Task to be performed for the above hours: _____

Pg.5 Subtotal Personnel Costs : \$ _____

TOTAL PERSONNEL COSTS: \$ 6,089.58 ✓

Other Costs - A listing and description of all other costs which will be/were incurred and are not specifically listed on this form should be attached. The listing should include a cost breakdown in a time and materials format.

Other Costs	Quantity	Price/Item	Total Costs	Do Handling Charges Apply?
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	

TOTAL OTHER COSTS = \$ _____

Subtotal Page I-1	\$	5,805.24
Total Pages I-1 and I-2	\$	5,805.24

J. HANDLING CHARGES

Handling charges are eligible for payment on subcontractor billings and/or field purchases only if they are equal to or less than the amounts determined by the following table:

Subcontractor or Field Purchase Cost	Eligible Handling Charges as a Percentage of Cost
\$1 - \$5,000	12%
\$5,001 - \$15,000	\$600 + 10% of amt. Over \$5,000
\$15,001 - \$50,000	\$1,600 + 8% of amt. Over \$15,000
\$50,001 - \$100,000	\$4,400 + 5% of amt. Over \$50,000
\$100,001 - \$1,000,000	\$6,900 + 2% of amt. Over \$100,000

A. Subcontractor Charges

Subcontractor	Section in these Forms where Cost is Listed	Subcontract Amount
TMI Analytical Services - #19899	F - Analysis	\$ 2,436.10
Heartland Drilling & Remediation - #386	E- Investigation	\$ 3,486.40
TMI Analytical Services - #19907	F- Analysis	\$ 1,197.50
Shively Geotechnical - #14-4126-1	F- Analysis	\$ 381.00
TMI Analytical Services - #20055	F-Analysis	\$ 479.00
Subtotal J-1 Subtotal:		\$ 7,980.00



Invoice

DATE	INVOICE NO.
12/16/99	08-1734

BILL TO
Illinois Ayers Oil P. O. Box 772 Hwy 24 & Interstate 172 Quincy, IL 62306

Due Date	PROJECT
6/16/2008	#991372-CA/430 St...

DATE	ITEM	DESCRIPTION	QTY	RATE	AMOUNT
6/16/2008 5/1999	Laboratory Ana...	Biofeasibility Study	1	5,800.00	5,800.00
#35 cut \$5800.00 Document date was changed, ori- ginal date outside B.P.					
Total					\$5,800.00

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield IL 62703
Phone: 217-522-4085

Invoice Number: 07-00081
Invoice Date: 02/23/07
Amount Due: \$23.13

Terms:

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

Project ID: #991372
Project Name: #991372-CA/430 Stanford

INVOICE

Date	Staff Member	Description	Hours	Rate	Amount
12/22/06	Michelle Mesecher	LUST-07/01/07:M. Mesecher/ Sr. Adm Asst	0.50	\$46.26	\$23.13
OTHER SERVICES TOTAL:			0.50		\$23.13
TOTAL PROFESSIONAL FEES:			0.50		\$23.13

Amount Due (This Invoice): \$23.13

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield 62703
Phone: 217-522-4085

Invoice Number: 07-00586
Invoice Date: 6/5/2007
Amount Due: \$33.41
Billing Period: 5/1/2007 - 5/31/2007
Terms:

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

Project ID: #991372
Project Name: #991372-CA/430 Stanford

INVOICE

Date	Staff Member	Description	Hours	Rate	Amount
5/29/2007	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.25	\$133.63	\$33.41
		HP EXTENT-FIELD:ARRANGE DRILLING CONTRACTOR,OBTAIN BIDS IF NECESSARY TOTAL:	0.25		\$33.41
TOTAL PROFESSIONAL FEES:			0.25		\$33.41

Amount Due (This Invoice): \$33.41

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield 62703
Phone: 217-522-4085

Invoice Number: 07-00834
Invoice Date: 8/31/2007
Amount Due: \$68.82
Billing Period: 8/1/2007 - 8/31/2007
Terms:

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

Project ID: #991372
Project Name: #991372-CA/430 Stanford

INVOICE

Date	Staff Member	Description	Hours	Rate	Amount
8/21/2007	James Doerfler	LUST: J. Doerfler - Scientist II	1.00	\$68.82	\$68.82
		HP EXTENT-FIELD:PREPARATION, JULIE LOCATE,REVIEW GEOLOGY, MEETING WITH PM TOT	1.00		\$68.82
TOTAL PROFESSIONAL FEES:			1.00		\$68.82

Amount Due (This Invoice): \$68.82

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield 62703
Phone: 217-522-4085

Invoice Number: 07-00910
Invoice Date: 09/30/07
Amount Due: \$4,360.89
Billing Period: 09/01/07 - 09/30/07
Terms:

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

Project ID: #991372
Project Name: #991372-CA/430 Stanford

INVOICE

Date	Staff Member	Description	Hours	Rate	Amount
09/26/07	Eric Ihnen	LUST: E Ihnen/ Scientist II	1.00	\$68.82	\$68.82
09/26/07	Eric Ihnen	LUST: E Ihnen/ Scientist II	4.00	\$68.82	\$275.28
09/28/07	Eric Ihnen	LUST: E Ihnen/ Scientist II	0.50	\$68.82	\$34.41
HP EXTENT-FIELD:GUAGING WATER LEVEL AND SAMPLING MW TOTAL:			5.50		\$378.51
09/19/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.50	\$137.64	\$68.82
09/25/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
09/26/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
09/28/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
HP EXTENT-FIELD:PE OVERSIGHT TOTAL:			1.25		\$172.05
09/10/07	Brandon Hargrave	LUST:B Hargrave/Geologist III	0.50	\$93.17	\$46.59
09/13/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
HP EXTENT-FIELD:PREPARATION, JULIE LOCATE,REVIEW GEOLOGY, MEETING WITH PM TOT			0.75		\$81.00
09/13/07	James Doerfler	LUST: J. Doerfler - Scientist II	0.50	\$68.82	\$34.41
HP EXTENT-FIELD:PREPARE GENERATOR WASTE PROFILE FOR DISPOSAL (IF NOT DONE PR			0.60		\$34.41
09/26/07	Eric Ihnen	LUST: E Ihnen/ Scientist II	1.00	\$68.82	\$68.82
HP EXTENT-FIELD:PREPARE SAMPLES FOR SHIPPING, DELIVER TO SHIPPING SITE TOTAL:			1.00		\$68.82
09/12/07	James Doerfler	LUST: J. Doerfler - Scientist II	0.75	\$68.82	\$51.61
09/17/07	James Doerfler	LUST: J. Doerfler - Scientist II	0.50	\$68.82	\$34.41
09/25/07	Eric Ihnen	LUST: E Ihnen/ Scientist II	2.50	\$68.82	\$172.05
09/25/07	James Doerfler	LUST: J. Doerfler - Scientist II	0.75	\$68.82	\$51.61
HP EXTENT-FIELD:SAMPLE CONTAINERS, LABELS, CERTS, COC TOTAL:			4.60		\$309.68
09/19/07	Brandon Hargrave	LUST:B Hargrave/Geologist III	4.00	\$93.17	\$372.68
09/20/07	Brandon Hargrave	LUST:B Hargrave/Geologist III	8.00	\$93.17	\$745.36
09/21/07	Brandon Hargrave	LUST:B Hargrave/Geologist III	4.50	\$93.17	\$419.26
09/28/07	Brandon Hargrave	LUST:B Hargrave/Geologist III	0.25	\$93.17	\$23.29
HP EXTENT-FIELD:SOIL BOIRNG/MW INSTALLATION OVERSIGHT AND SOIL SAMPLING TOTAL			16.75		\$1,560.59
09/06/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.50	\$137.64	\$68.82
09/25/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
09/26/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	1.00	\$137.64	\$137.64
09/27/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	2.00	\$137.64	\$275.28
HP EXTENT-PAY:REIMBURSEMENT P.G. OVERSIGHT & CERTIFICATION TOTAL:			3.75		\$516.15
09/27/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
09/28/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.75	\$137.64	\$103.23
HP EXTENT-PLAN:ATTEND CLIENT MEETINGS; AGENCY/CLIENT CORRESPONDENCE TOTAL:			1.00		\$137.64
09/07/07	Burt Bradley	LUST:B Bradley/Sr. Cad Tech	1.00	\$63.52	\$63.52

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield 62703
Phone: 217-522-4085

Invoice Number: 07-00910
Invoice Date: 09/30/07
Amount Due: \$4,360.89
Billing Period: 09/01/07 - 09/30/07
Terms:

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

Project ID: #991372
Project Name: #991372-CA/430 Stanford

09/10/07	Burt Bradley	LUST:B Bradley/Sr. Cad Tech	1.00	\$63.52	\$63.52
		HP EXTENT-PLAN:PREPARE CAD MAPS TOTAL:	2.00		\$127.04
TOTAL PROFESSIONAL FEES:			37.00		\$3,385.89

Date	Source	Description	Hours	Rate	Amount
09/20/07	Brandon Hargrave	Equipment: Survey	1.00	125.00	\$125.00
09/20/07	Brandon Hargrave	Equipment:Purge and trap sampers	20.00	10.50	\$210.00
09/20/07	Brandon Hargrave	Equipment:PID	2.00	100.00	\$200.00
09/21/07	Brandon Hargrave	Equipment:Water Level Indicator	1.00	25.00	\$25.00
09/21/07	Brandon Hargrave	Equipment:Truck	3.00	60.00	\$180.00
09/26/07	Eric Ihnen	Equipment:Truck	1.00	60.00	\$60.00
09/26/07	Eric Ihnen	Equipment:Water Level Indicator	1.00	25.00	\$25.00
09/26/07	Eric Ihnen	Equipment:Bailers	10.00	15.00	\$150.00
OTHER SERVICES TOTAL:					\$975.00
TOTAL REIMBURSABLE EXPENSES:					\$975.00

Amount Due (This Invoice): \$4,360.89

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield 62703
Phone: 217-522-4085

Invoice Number: 07-01001
Invoice Date: 10/31/07
Amount Due: \$12,386.44
Billing Period: 10/01/07 - 10/31/07
Terms:

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

Project ID: #991372
Project Name: #991372-CA/430 Stanford

INVOICE

Date	Staff Member	Description	Hours	Rate	Amount
10/31/07	Shane Thorpe	LUST: S. Thorpe/Sr. Project Manager	2.00	\$105.87	\$211.74
		HP EXTENT-BUDGET:BUDGET TRACKING TOTAL:	2.00		\$211.74
10/12/07	Eric Ihnen	LUST: E Ihnen/ Scientist II	0.50	\$68.82	\$34.41
10/23/07	James Doerfler	LUST: J. Doerfler - Scientist II	1.50	\$68.82	\$103.23
10/23/07	Eric Ihnen	LUST: E Ihnen/ Scientist II	1.50	\$68.82	\$103.23
		HP EXTENT-FIELD:GUAGING WATER LEVEL AND SAMPLING MW TOTAL:	3.60		\$240.87
10/23/07	James Doerfler	LUST: J. Doerfler - Scientist II	0.75	\$68.82	\$51.61
		HP EXTENT-FIELD:PREPARE SAMPLES FOR SHIPPING, DELIVER TO SHIPPING SITE TOTAL:	0.75		\$51.61
10/22/07	James Doerfler	LUST: J. Doerfler - Scientist II	0.50	\$68.82	\$34.41
10/23/07	Eric Ihnen	LUST: E Ihnen/ Scientist II	0.50	\$68.82	\$34.41
		HP EXTENT-FIELD:SAMPLE CONTAINERS, LABELS, CERTS, COC TOTAL:	1.00		\$68.82
10/09/07	Brandon Hargrave	LUST:B Hargrave/Geologist III	0.50	\$93.17	\$46.59
10/11/07	Brandon Hargrave	LUST:B Hargrave/Geologist III	3.50	\$93.17	\$326.10
		HP EXTENT-FIELD:SOIL BOIRNG/MW INSTALLATION OVERSIGHT AND SOIL SAMPLING TOTAL	4.00		\$372.69
10/02/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
10/05/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
10/23/07	James Doerfler	LUST: J. Doerfler - Scientist II	0.25	\$68.82	\$17.20
10/29/07	James Doerfler	LUST: J. Doerfler - Scientist II	0.25	\$68.82	\$17.20
		HP EXTENT-OTHER:OTHER TASKS NOT DESCRIBED, MUST USE NOTES TOTAL:	1.00		\$103.22
10/02/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
		HP EXTENT-PAY:REIMBURSEMENT P.G. OVERSIGHT & CERTIFICATION TOTAL:	0.25		\$34.41
10/31/07	Sheri Cockrum	LUST:S. Cockrum/ Sr. Acct. Tech	1.00	\$58.23	\$58.23
		HP EXTENT-PLAN:COPY, SCAN AND DISTRIBUTE TOTAL:	1.00		\$58.23
10/16/07	Burt Bradley	LUST:B Bradley/Sr. Cad Tech	1.50	\$63.52	\$95.28
		HP EXTENT-PLAN:PREPARE CAD MAPS TOTAL:	1.50		\$95.28
10/17/07	James Doerfler	LUST: J. Doerfler - Scientist II	4.50	\$68.82	\$309.69
10/18/07	James Doerfler	LUST: J. Doerfler - Scientist II	7.25	\$68.82	\$498.94
10/19/07	James Doerfler	LUST: J. Doerfler - Scientist II	6.75	\$68.82	\$464.53
10/22/07	James Doerfler	LUST: J. Doerfler - Scientist II	6.50	\$68.82	\$447.33
		HP EXTENT-PLAN:PREPARE PLAN TOTAL:	25.00		\$1,720.49
10/04/07	Shane Thorpe	LUST: S. Thorpe/Sr. Project Manager	0.50	\$105.87	\$52.94
10/04/07	James Doerfler	LUST: J. Doerfler - Scientist II	3.00	\$68.82	\$206.46
10/10/07	James Doerfler	LUST: J. Doerfler - Scientist II	4.50	\$68.82	\$309.69
		HP EXTENT-PLAN:TABULATE AND EVALUATE ANALYTICAL LAB DATA TOTAL:	8.00		\$669.09

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield 62703
Phone: 217-522-4085

Invoice Number: 07-01001
Invoice Date: 10/31/07
Amount Due: \$12,386.44
Billing Period: 10/01/07 - 10/31/07
Terms:

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

Project ID: #991372
Project Name: #991372-CA/430 Stanford

10/09/07	James Doerfler	LUST: J. Doerfler - Scientist II	3.75	\$68.82	\$258.07
10/12/07	James Doerfler	LUST: J. Doerfler - Scientist II	3.50	\$68.82	\$240.87
10/15/07	James Doerfler	LUST: J. Doerfler - Scientist II	2.75	\$68.82	\$189.25
10/16/07	James Doerfler	LUST: J. Doerfler - Scientist II	1.00	\$68.82	\$68.82
HP EXTENT-PLAN:TACO EVALUATION (IF NOT DONE PREVIOUSLY) TOTAL:			11.00		\$767.04 326.89
10/10/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	1.00	\$137.64	\$137.64
10/12/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	1.25	\$137.64	\$172.05
10/15/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.50	\$137.64	\$68.82
10/22/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.75	\$137.64	\$103.23
HP EXTENT-PLAN:TACO PE REVIEW TOTAL:			3.50		\$481.74 240.87

TOTAL PROFESSIONAL FEES: 62.50 ~~\$4,765.20~~ 2,175.22

Date	Source	Description	Hours	Rate	Amount
10/04/07	TMI Analytical Service				\$2,436.10
10/08/07	Heartland Drilling & Re				\$3,486.40
10/08/07	TMI Analytical Service				\$1,197.50
10/08/07	United Parcel Service	General:Postage/Courier			\$5.24
10/15/07	Shively Geotechnical, I				\$381.00
10/23/07	James Doerfler	Equipment:Truck	1.00	60.00	\$60.00
10/23/07	James Doerfler	Equipment:Water Level Indicator	1.00	25.00	\$25.00
10/23/07	James Doerfler	Equipment:Bailers	2.00	15.00	\$30.00
OTHER SERVICES TOTAL:					\$7,621.24

TOTAL REIMBURSABLE EXPENSES: \$7,621.24

Amount Due (This Invoice): ~~\$12,386.44~~
9,790.40

(-items marked thru)
not requesting - need additional budget,
will request remainder at later date
CSIS 6/30/08

TMI Analytical Services, LLC
2110 N. Republic St.
Springfield, IL 62702-1851
(217) 698-0642

DATE	INVOICE NO.
9/28/2007	19899

BILL TO:

CSD Environmental Services
2220 Yale Boulevard
Springfield, IL 62703

REMIT TO:

TMI Analytical Services, LLC
2110 N. Republic Street
Springfield, IL 62702-1851

07.01001

P.O. NO.	TERMS	DUE DATE	TMI LOG NO.'S	PROJECT	
	Net 30	10/28/2007	0709048 1-10	Ayerco 14- Stanford <i>HP EXTENT</i>	
DESCRIPTION			QTY	RATE	AMOUNT
BTEX, 5035, SOLID			10	87.37	873.70
PNA's, 8270C, SOLID			10	156.24	1,562.40
POSTED OCT - 4 2007					
Thank-you, we appreciate your business!				Total	\$2,436.10

HEARTLAND

Drilling & Remediation, Inc.
ENVIRONMENTAL CONTRACTORS

Received, Clerk's Office 09/18/2024

Invoice

Date	Invoice #
10/4/2007	386

437 W. Hoecheater Road
 Springfield, IL, 62711

Inv.
~~07-01037~~
 07-01001

Bill To

CSD Environmental
 2220 Yale Boulevard
 Springfield, IL 62703

Project
Ayerco #14

Quantity	Description	Rate	Serviced	Amount
48	Direct push per foot or \$1,270.48 minimum	18.50	9/19/2007	888.00
64	HSA drilling per foot; \$1,588.11 minimum	23.64	9/20/2007	1,512.96
64	Hollow Stem Auger monitor well installation per foot of well length	16.96	9/21/2007	1,085.44
			Total	\$3,486.40

POSTED
 OCT - 8 2007

Electronic Filing Received, Clerk's Office 09/18/2024
TMI Analytical Services, LLC
 2110 N. Republic St.
 Springfield, IL 62702-1851
 (217) 698-0642

DATE	INVOICE NO.
10/2/2007	19907

BILL TO:
 CSD Environmental Services
 2220 Yale Boulevard
 Springfield, IL 62703

REMIT TO:
 TMI Analytical Services, LLC
 2110 N. Republic Street
 Springfield, IL 62702-1851

ATCAP 07-01001

P.O. NO.	TERMS	DUE DATE	TMI LOG NO.'S	PROJECT	
	Net 30	11/1/2007	0709108 1-5	Ayerco 14- Stanford	
DESCRIPTION			QTY	RATE	AMOUNT
BTEX, 8260B, LIQUID			5	83.26	416.30
PNA's, 8270C, LIQUID			5	156.24	781.20
<p>POSTED OCT 8 2007</p>					
Thank-you, we appreciate your business!				Total	\$1,197.50

Delivery Service Invoice

Invoice date **September 29, 2007**

Invoice number 00005E8939397

Shipper number 5E8939

Page 3 of 3

Outbound

UPS WorldShip

Pickup Date	Pickup Record	Message Codes	Number of Packages	Billed Charge
09/24	4827228560	Berger Landfill	1	5.70
09/25	4827228571	Ayerco #14 (Samples)	1	5.24
	4827228582	SHANE	1	5.99
09/26	4827228593	Ayerco #1	1	4.23
Total UPS WorldShip			4 Package(s)	21.16
Total Outbound			4 Package(s)	21.16

Adjustments & Other Charges

Residential/Commercial Adjustments

UPS WorldShip

Shipped Date	Pickup Record	Entry	Tracking Number	Recorded Corrected	Billed Charge	Adjustment Amount
09/24	4827228560	1	1Z5E89390351839813	Commercial	-4.04	
				Residential	4.04	
				Residential Surcharge	1.85	
				Delivery Area Surcharge	0.80	
				Fuel Surcharge	0.13	2.78
Total UPS WorldShip					1 Package(s)	2.78
Total Residential/Commercial Adjustments					1 Package(s)	2.78
Total Adjustments & Other Charges						2.78

Fees

Week Ending Date	Unpaid Balance	Rate	Billed Charge
09/01	37.51	5.00 %	1.88
Late Payment Fee Pursuant to the UPS Tariff, a late payment fee has been assessed.			
Total Fees			1.88

Service Charges

Week Ending Date	Explanation	Billed Charge
09/22	Weekly Service Charge	17.00
09/29	Weekly Service Charge	12.00
Total Service Charges		29.00



Invoice



DATE 10/05/2007
 INVOICE # 14-4126-1

BILL TO

Joseph Truesdale
 CSD Environmental Services, Inc.
 2220 Yale Boulevard
 Springfield, IL 62703

SEND PAYMENT TO

Shively Geotechnical, Inc.
 Post Office Box 1925
 Fairview Heights, IL 62208-0125

HPExtent

P.O. No.		TERMS	PROJECT	
			Illinois Ayers Oil Co - Ayerco #14	
QUANTITY	DESCRIPTION	RATE	AMOUNT	
2	Moisture Content (ASTM D 2216)	4.50	9.00	
2	Unit Weight (ASTM D 2937) <i>BULK DENSITY</i>	11.00	22.00	
2	Specific Gravity (ASTM D 854) <i>PARTICLE DENSITY</i>	65.00	130.00	
2	Organic Content (ASTM D 2974)	25.00	50.00	
2	Hydrometer (ASTM D 422) <i>PARTICLE SIZE</i>	85.00	170.00	
<p>PAID NOV - 1 2007</p> <p>POSTED OCT 15 2007</p>				
EIN 36-4124785			Total	\$381.00

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield 62703
Phone: 217-522-4085

Invoice Number: 07-01109
Invoice Date: 11/30/07
Amount Due: \$1,761.41
Billing Period: 11/01/07 - 11/30/07
Terms:

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

Project ID: #991372
Project Name: #991372-CA/430 Stanford

INVOICE

Date	Staff Member	Description	Hours	Rate	Amount
10/15/07	Eric Ihnen	LUST: E Ihnen/ Scientist II	0.25	\$68.82	\$17.20
		HP EXTENT-FIELD:GUAGING WATER LEVEL AND SAMPLING MW TOTAL:	0.25		\$17.20
11/30/07	Eric Ihnen	LUST: E Ihnen/ Scientist II	1.50	\$68.82	\$103.23
11/30/07	James Doerfler	LUST: J. Doerfler Scientist II	2.25	\$68.82	\$154.84
		HP EXTENT-OTHER:OTHER TASKS NOT DESCRIBED, MUST USE NOTES TOTAL:	3.76		-\$268.07
11/14/07	Kathryn Filson	LUST:Filson/Adm I	0.25	\$26.47	\$6.62
		HP EXTENT-PAY:COPY, SCAN AND DISTRIBUTE TOTAL:	0.25		\$6.62
11/27/07	Sheri Cockrum	LUST:S. Cockrum/ Sr. Acct. Tech	2.50	\$58.23	\$145.57
		HP EXTENT-PAY:DRAFT LUST REIMBURSEMENT CLAIM REQUEST TOTAL:	2.50		\$145.57
11/27/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	1.00	\$137.64	\$137.64
11/28/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
		HP EXTENT-PAY:REIMBURSEMENT P.G. OVERSIGHT & CERTIFICATION TOTAL:	1.25		\$172.05
11/30/07	Burt Bradley	LUST:B Bradley/Sr. Gad Tech	1.00	\$63.52	\$63.52
		HP EXTENT-PLAN:PREPARE CAD MAPS TOTAL:	1.00		-\$63.52
11/27/07	James Doerfler	LUST: J. Doerfler Scientist II	1.50	\$68.82	\$103.23
		HP EXTENT-PLAN:PREPARE PLAN TOTAL:	1.50		-\$103.23
11/28/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.50	\$137.64	\$68.82
11/30/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	1.00	\$137.64	\$137.64
		HP EXTENT-PLAN:REVIEW AND CERT BY PG OR PE TOTAL:	1.50		-\$206.46
11/26/07	James Doerfler	LUST: J. Doerfler Scientist II	0.50	\$68.82	\$34.41
11/27/07	James Doerfler	LUST: J. Doerfler Scientist II	1.00	\$68.82	\$68.82
11/30/07	James Doerfler	LUST: J. Doerfler Scientist II	1.00	\$68.82	\$68.82
		HP EXTENT-PLAN:TABULATE AND EVALUATE ANALYTICAL LAB DATA TOTAL:	2.50		-\$172.05
11/08/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	1.00	\$137.64	\$137.64
		HP EXTENT-PLAN:TACO PE REVIEW TOTAL:	1.00		-\$137.64

TOTAL PROFESSIONAL FEES:

15.50 ~~\$1,282.44~~
\$341.44

Date	Source	Description	Hours	Rate	Amount
11/28/07	TMI Analytical Service				\$479.00
		OTHER SERVICES TOTAL:			\$479.00

TOTAL REIMBURSABLE EXPENSES:

\$479.00

not requesting (items mark thru)
need addtional budget. Will request later.
CST 6/30/08

Amount Due (This Invoice): ~~\$1,761.41~~
\$820.44

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield 62703
Phone: 217-522-4085

Invoice Number: 07-01109
Invoice Date: 11/30/07
Amount Due: \$1,761.41
Billing Period: 11/01/07 - 11/30/07
Terms:

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

Project ID: #991372
Project Name: #991372-CA/430 Stanford

TMI Analytical Services, LLC
 2110 N. Republic St.
 Springfield, IL 62702-1851
 (217) 698-0642

DATE	INVOICE NO.
11/8/2007	20055

BILL TO:
 CSD Environmental Services
 2220 Yale Boulevard
 Springfield, IL 62703

REMIT TO:
 TMI Analytical Services, LLC
 2110 N. Republic Street
 Springfield, IL 62702-1851
 07-01109

HP Extent

P.O. NO.	TERMS	DUE DATE	TMI LOG NO.'S	PROJECT	
	Net 30	12/8/2007	0710113 1-2	Ayerco 14- Stanford	
DESCRIPTION			QTY	RATE	AMOUNT
BTEX, 8260B, LIQUID			2	83.26	166.52
PNA's, 8270C, LIQUID			2	156.24	312.48
<p>POSTED NOV 28 2007</p>					
Thank-you, we appreciate your business!				Total \$479.00	

SUBCONTRACTOR AFFIDAVIT of PAYMENT

The AFFIANT, **TMI Analytical Services, Inc.** has subcontracted with, and has furnished environmental subcontracting services under the Contractor **CSD Environmental Services, Inc.** in association with 35 IAC 731, 732 or 734 environmental regulatory compliance for the following facility:

167203337-Sangamon
LPC Number - County

Ayerco #14
Facility Name

430 Stanford, Spfld, IL
Facility Address

991372
LUST Incident

The undersigned, being a duly authorized representative of the AFFIANT, acknowledges that on the 19th day of March, 2008; payment has been made for services provided under **TMI Analytical Services, LLC.**

Invoice #: 19899, for the amount of \$ 2,436.10 Check #: 12481 Dated: 03/19/08

Frank T. Kygan
Representative's Name

Bus mgr
Representative's Title

Frank T. Kygan
Representative's Signature

3-19-08
Date

Subscribed and sworn before me this 19 day of March, 2008

Sheri Cockrum
Notary Public

Seal:



SUBCONTRACTOR AFFIDAVIT of PAYMENT

The AFFIANT, **TMI Analytical Services, Inc.** has subcontracted with, and has furnished environmental subcontracting services under the Contractor **CSD Environmental Services, Inc.** in association with 35 IAC 731, 732 or 734 environmental regulatory compliance for the following facility:

167203337-Sangamon
LPC Number - County

Ayerco #14
Facility Name

430 Stanford, Spfld, IL
Facility Address

991372
LUST Incident

The undersigned, being a duly authorized representative of the AFFIANT, acknowledges that on the 19th day of March, 2008; payment has been made for services provided under **TMI Analytical Services, LLC.**

Invoice #: 19907, for the amount of \$ 1,197.50 Check #: 12481 Dated: 03/19/08

Frank T Kygen
Representative's Name

Bos MGR
Representative's Title

Frank T. Kygen
Representative's Signature

3-19-08
Date

Subscribed and sworn before me this 19 day of March, 2008
Sheri Cockrum
Notary Public



SUBCONTRACTOR AFFIDAVIT of PAYMENT

The AFFIANT, **TMI Analytical Services, Inc.** has subcontracted with, and has furnished environmental subcontracting services under the Contractor **CSD Environmental Services, Inc.** in association with 35 IAC 731, 732 or 734 environmental regulatory compliance for the following facility:

167203337-Sangamon
LPC Number - County

Ayerco #14
Facility Name

430 Stanford, Spfld, IL
Facility Address

991372
LUST Incident

The undersigned, being a duly authorized representative of the AFFIANT, acknowledges that on the 19th day of March, 2008; payment has been made for services provided under **TMI Analytical Services, LLC.**

Invoice #: 20055, for the amount of \$ 479.00 Check #: 12481 Dated: 03/19/08

Frank T. Kyger
Representative's Name

Bus Mgr
Representative's Title

Frank T. Kyger
Representative's Signature

3-19-08
Date

Subscribed and sworn before me this 19 day of March 2008
Sheri Cockrum
Notary Public

Seal:



SUBCONTRACTOR AFFIDAVIT of PAYMENT

The AFFIANT, **Heartland Drilling and Remediation, Inc.** has subcontracted with, and has furnished environmental subcontracting services under the Contractor **CSD Environmental Services, Inc.** in association with 35 IAC 731, 732 or 734 environmental regulatory compliance for the following facility:

167203337-Sangamon
LPC Number - County

Illinois Ayers Oil Co. Inc. (Ayerco #14)
Facility Name

430 Stanford Avenue
Facility Address

991372
LUST Incident

The undersigned, being a duly authorized representative of the AFFIANT, acknowledges that on the 12 day of June, 2008; payment has been made for services provided under **Heartland Drilling and Remediation, Inc.**

Invoice #: 386, for the amount of \$ 3,486.40 Check #: 12714 Dated: 06/12/08

Cindy Davis
Representative's Name

President
Representative's Title

Cindy Davis
Representative's Signature

6-13-08
Date

Subscribed and sworn before me this 13 day of June, 2008.
Sheri Cockrum
Notary Public



CSD ENVIRONMENTAL SERVICES, INC.

2220 YALE BOULEVARD
SPRINGFIELD, IL 62703
(217) 522-4085

ILLINOIS NATIONAL BANK
SPRINGFIELD, IL 62701
70-933-711

6/12/2008

TO THE ORDER OF Heartland Drilling & Remediation

\$ **3,486.40

Three Thousand Four Hundred Eighty-Six and 40/100*****

DOLLARS

Heartland Drilling & Remediation
437 West Hoechester
Springfield, IL 62707

MEMO

Andrew Daves

MP

CSD ENVIRONMENTAL SERVICES, INC.

Heartland Drilling & Remediation

Date 10/8/2007 Type Bill Reference

Original Amt. 3,486.40

Balance Due 3,486.40

6/12/2008

Discount

Payment 3,486.40

Check Amount 3,486.40

IEPA
DIVISION OF RECORDS MANAGEMENT
EXEMPT IN PART

FEB 10 2021

REVIEWER: SAB

Illinois National Bank

3,486.40

SUBCONTRACTOR AFFIDAVIT of PAYMENT

The AFFIANT, **Shively Geotechnical, Inc.** has subcontracted with, and has furnished environmental subcontracting services under the Contractor **CSD Environmental Services, Inc.** in association with 35 IAC 731, 732 or 734 environmental regulatory compliance for the following facility:

167203337-Sangamon
LPC Number - County

Illinois Ayers Oil Co., Inc. (Ayerco #14)
Facility Name

430 Stanford Avenue
Facility Address

9971372
LUST Incident

The undersigned, being a duly authorized representative of the AFFIANT, acknowledges that on the _____ day of _____, 20____; payment has been made for services provided under **Shively, Geotechnical, Inc.**

Invoice #: 14-4126-1 , for the amount of \$ 381.00 Check #: 12126 Dated: 11/01/07

John E. Shively
Representative's Name

President
Representative's Title

John E. Shively
Representative's Signature

June 25, 2008
Date

Subscribed and sworn before me this 25 day of June, 2008.

Carol A. Himstedt
Notary Public

Seal:



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 - (217) 782-3397
JAMES R. THOMPSON CENTER, 100 WEST RANDOLPH, SUITE 11-300, CHICAGO, IL 60601 - (312) 814-6026

ROD R. BLAGOJEVICH, GOVERNOR

DOUGLAS P. SCOTT, DIRECTOR

217/782-6762

MAR 06 2007

Illinois Ayers Oil Co.
Attn: Carl Adams Jr.
P.O. Box 772
Quincy, Illinois 62306

CERTIFIED MAIL

7004 2510 0001 8590 9199

Re: LPC #1671203337 -- Sangamon County
Springfield/Illinois Ayers Oil Co.
430 Stanford Ave.
Leaking UST Incident No. 991372
Leaking UST Technical File

Dear Mr. Adams:

The Illinois Environmental Protection Agency (Illinois EPA) has reviewed the High Priority Corrective Action Plan (plan) submitted for the above-referenced incident. This plan, dated November 30, 2006, was received by the Illinois EPA on December 22, 2006. Citations in this letter are from the Environmental Protection Act (Act) in effect prior to June 24, 2002, and 35 Illinois Administrative Code (35 Ill. Adm. Code).

Pursuant to Section 57.7(c) of the Act and 35 Ill. Adm. Code 732.405(c), the plan is approved. The activities proposed in the plan are appropriate to demonstrate compliance with Title XVI of the Act and 35 Ill. Adm. Code 732. Please note that all activities associated with the remediation of this release proposed in the plan must be executed in accordance with all applicable regulatory and statutory requirements, including compliance with the proper permits.

In addition, the budget for the High Priority Corrective Action Plan is modified pursuant to Section 57.7(c) of the Act and 35 Ill. Adm. Code 732.405(c). Based on the modifications listed in Section 2 of Attachment A, the amounts listed in Section 1 of Attachment A are approved. Please note that the costs must be incurred in accordance with the approved plan. Be aware that the amount of payment from the Fund may be limited by Sections 57.8(e), 57.8(g) and 57.8(d) of the Act, as well as 35 Ill. Adm. Code 732.604, 732.606(s), and 732.611.

Please note that, if the owner or operator agrees with the Illinois EPA's modifications, submittal of an amended plan and/or budget, if applicable, is not required (Section 57.7(c) of the Act). Additionally, pursuant to Section 57.8(a)(5) of the Act and 35 Ill. Adm. Code 732.405(e), if payment from the Fund will be sought for any additional costs that may be incurred as a result of the Illinois EPA's modifications, an amended budget must be submitted.

Page 2

NOTE: Amended plans and/or budgets must be submitted and approved prior to the issuance of a No Further Remediation (NFR) Letter. Costs associated with a plan or budget that have not been approved prior to the issuance of an NFR Letter will not be paid.

Further, pursuant to 35 Ill. Adm. Code 732.112, 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. This notification of field activities may be done by telephone, facsimile, or electronic mail.

All future correspondence must be submitted to:

Illinois Environmental Protection Agency
Bureau of Land - #24
Leaking Underground Storage Tank Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, IL 62794-9276

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

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 Clayton Bloome at 217/524-1288.

Sincerely,



Hernando A. Albarracin
Unit Manager
Leaking Underground Storage Tank Section
Division of Remediation Management
Bureau of Land

HAA:CTB\

Attachment: A

cc: Joseph W. Truesdale, CSD Environmental Services, Inc.
BOL File

Attachment A

Re: LPC #1671203337 -- Sangamon County
Springfield/Illinois Ayers Oil Co.
430 Stanford Ave.
Leaking UST Incident No. 991372
Leaking UST Technical File

SECTION 1

The budget was previously approved for:

\$11,547.60	Investigation Costs
\$41,460.00	Analysis Costs
\$53,590.00	Personnel Costs
\$4,325.00	Equipment Costs
\$218,127.92	Field Purchases and Other Costs
\$8,167.27	Handling Charges

As a result of review of the budget at-hand and the Illinois EPA's modification(s) in Section 2 of this attachment, the following amounts are approved:

\$3892.66	Investigation Costs
\$4398.35	Analysis Costs
\$49,588.72	Personnel Costs
\$875.60	Equipment Costs
\$49,659.64	Field Purchases and Other Costs

Therefore, the total cumulative budget is approved for:

\$15,440.26	Investigation Costs
\$45,858.35	Analysis Costs
\$103,178.72	Personnel Costs
\$5,200.60	Equipment Costs
\$267,787.56	Field Purchases and Other Costs

Handling charges will be determined at the time a billing package is reviewed by the Illinois EPA. The amount of allowable handling charges will be determined in accordance with Section 57.8(f) of the Environmental Protection Act (Act) and 35 Illinois Administrative Code (35 Ill. Adm. Code) 732.607.

SECTION 2

1. \$5098.40 for corrective action costs for Personnel Cost that are not reasonable as submitted. Such costs are ineligible for payment from the Fund pursuant to Section 57.7(c)(4)(C) of the Act and 35 Ill. Adm. Code 732.606(hh).

The investigation results and TACO evaluation should be submitted in the Corrective Action Completion Report.

2. The Excavation, Transportation, and Disposal rate has been reduced to \$77.00 per cubic yard. The costs exceed the maximum payment amounts set forth in Subpart H, Appendix D, and/or Appendix E of 35 Ill. Adm. Code 732. Such costs are ineligible for payment from the Fund pursuant to 35 Ill. Adm. Code 732.606(ccc). In addition, such costs are not approved pursuant to Section 57.7(c)(4)(C) of the Act because they are not reasonable.

Based upon the above deduction, a total of \$ 222.36 was deducted from Field Purchases and Other Costs.

CTB\

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 of time 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:

Dorothy Gunn, Clerk
Illinois Pollution Control Board
State of Illinois 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
Post Office Box 19276
Springfield, IL 62794-9276
217/782-5544



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276

THOMAS V. SKINNER, DIRECTOR

217/782-6762

MAY 15 2000

Illinois Ayers Oil Co.
Attn: Carl Adams, Jr.
P.O. Box 772
Quincy, Illinois 62306

Re: LPC #1671203337 – Sangamon County
Springfield/Illinois Ayers Oil Co. #14
430 Stanford Drive
LUST Incident No. 991372
LUST FISCAL FILE

Dear Mr. Adams:

The Illinois Environmental Protection Agency has completed the review of your application for payment from the Underground Storage Tank Fund for the above-referenced LUST incident pursuant to Section 57.8(a) of the Illinois Environmental Protection Act (Act), and 35 Ill. Adm. Code 732, Subpart F. This information is dated February 8, 2000 and was received by the Agency on April 13, 2000. The application for payment covers the period from October 1, 1999 to January 15, 2000. The amount requested is \$255,401.49.

The deductible amount for this claim is \$10,000.00 which was previously deducted from the billing submittal received by the Agency on September 8, 1999 for \$18,202.68.

On April 13, 2000, the Agency received your complete application for payment for this claim. As a result of the Agency's review of this application for payment, a voucher for \$255,401.49 will be prepared for submission to the Comptroller's Office for payment if funds become available based upon the date the Agency received your complete request for payment of this application for payment. Subsequent applications for payment which have been/are submitted will be processed based upon the date complete subsequent application for payment requests are received by the Agency.

This constitutes the Agency's final action with regard to the above application(s) for payment.

An underground storage tank owner or operator may appeal this final decision to the Illinois Pollution Control Board (Board) pursuant to Section 57.8(i) and Section 40 of the Illinois Environmental Protection Act. An owner or operator who seeks to appeal the Agency's decision

Page 2

may, within 35 days after the notification of the final Agency decision, petition for a hearing before the Board; however, the 35-day period may be extended for a period of time not to exceed 90 days by written notice provided to the Board from the applicant and the Agency within the 35-day initial appeal period.

For information regarding the filing of an appeal, please contact:

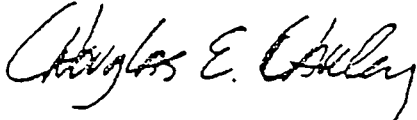
Dorothy Gunn, Clerk
Illinois Pollution Control Board
State of Illinois Center
100 West Randolph, Suite 11-500
Chicago, Illinois 60601
312/814-3620

For information regarding the filing of an extension, please contact:

Illinois Environmental Protection Agency
Division of Legal Counsel
1021 North Grand Avenue East
Springfield, Illinois 62794-9276
217/782-5544

If you have any questions or require further assistance, please contact Lieura Hackman of my staff at 217/782-6762.

Sincerely,



Douglas E. Oakley, Manager
LUST Claims Unit
Planning & Reporting Section
Bureau of Land

DEO:LH\mls\002253.WPD

cc: CSD Environmental Services, Inc.

**BUDGET AND BILLING FORM FOR LEAKING
UNDERGROUND STORAGE TANK SITES**

A. SITE INFORMATION

Site Name: Illinois Ayers Oil Company
Site Address: 430 Standford Avenue City: Springfield
Zip: 62703
County: Sangamon IEPA Generator No.: 16712053337
IEMA Incident No.: 991372 IEMA Notification Date: 8-Jun-99

Date this Form was Prepared: 13-Jan-09

This form is being submitted as a:

Budget Proposal
 Budget Amendment (Budget Amendments must include only the costs over the previous budget.)
Amendment Number: _____
 Billing Package for costs incurred pursuant to 35 Illinois Administrative Code (IAC), Part 732 ("new program"). Request #8

This form is being submitted for the Site Activities indicated below (check one):

Early Action Site Classification
 Low Priority Corrective Action High Priority Corrective Action
 Other (indicate activities) _____

DO NOT SUBMIT "NEW PROGRAM" COSTS AND "OLD PROGRAM" COSTS AT THE SAME TIME, ON THE SAME FORMS

RECEIVED
JAN 27 2009
IEPA/BOL

IEMA No. 991372

If eligible for reimbursement, where should reimbursement checks be sent? Please note that only owners or operators of USTs may be eligible for reimbursement. Therefore, payment can only be made to an owner or operator.

Pay to the order of: Illinois Ayers Oil Company
 Send in care of: CSD Environmental Services, Inc.
 Address: P.O. Box 20912
 City: Springfield State: Illinois Zip: 62708-0912

Number of Petroleum USTs in Illinois presently owned or operated by the owner or operator; any subsidiary, parent or joint stock company of the owner or operator; and any company owned by any parent, subsidiary or joint stock company of the owner or operator:

Fewer than 101: X 101 or more: _____

Number of USTs at the site: 4 (Number of USTs includes USTs presently at the site and USTs that have been removed.)

Number of incidents reported to IEMA: One

Incident Numbers assigned to the site due to releases from USTs: 991372

RECEIVED
 JAN 27 2009
 IEPA/BOL

Please list all tanks which have ever been located at the site and are presently located at the site.

Product Stored	Size (gallons)	Did UST have a release?	Incident No.	Type of Release
Unleaded Fuel	12000	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	991372	Spill/Overfill
Unleaded Fuel	12000	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	991372	Spill/Overfill
Unleaded Fuel	10000	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	991372	Spill/Overfill
Diesel Fuel	10000	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	991372	Spill/Overfill
		<input type="checkbox"/> Yes <input type="checkbox"/> No		
		<input type="checkbox"/> Yes <input type="checkbox"/> No		
		<input type="checkbox"/> Yes <input type="checkbox"/> No		
		<input type="checkbox"/> Yes <input type="checkbox"/> No		
		<input type="checkbox"/> Yes <input type="checkbox"/> No		
		<input type="checkbox"/> Yes <input type="checkbox"/> No		

Payment Certification Form

This certification must be included with every application for payment from the UST Fund.

I, Carl Adams, Jr., the owner or operator of the Leaking UST site for which this application for payment is being submitted, certify that \$ 33,435.55 is the amount being sought in this application for payment, \$ 326,357.81 has already been paid from the Fund for this occurrence, and \$ 104,153.85 has been sent to the Illinois EPA for payment for this occurrence but has not yet been paid. I further certify that the number of petroleum USTs in Illinois presently owned or operated by the owner or operator, any subsidiary, parent or joint stock company of the owner or operator, and any company owned by any parent, subsidiary or joint stock company of the owner or operator is (check one):

Fewer than 101 101 or more

Except for applications for payment associated with Early Action, I certify that a plan for the work included in this application for payment was approved by the Illinois EPA on 03/06/07; except for applications for payment associated with to 35 Ill. Adm. Code 731, certify that a budget for the work included in this application for payment was approved by the Illinois EPA on 08/20/08; and certify that the amount sought for payment was expended in conformance with the approved budget and approved plan. I further certify that, if the costs included in this application for payment are approved for payment, the following limitations will not be exceeded:

1. Payment will not result in the owner or operator receiving payment of corrective action costs or indemnification costs from the Fund for more than \$1,000,000 per occurrence for sites subject to 35 Ill. Adm. Code 731 or 732. (OR) Payment will not result in the owner or operator receiving payment of corrective action costs or indemnification costs from the Fund for more than \$1,500,000 per occurrence for sites subject to 35 Ill. Adm. Code 734.
2. Payment will not result in the owner or operator receiving payment of corrective action costs or indemnification costs from the Fund incurred during a calendar year in excess of the following amounts:

For costs incurred in calendar years prior to 2002:

\$1,000,000, if fewer than 101 tanks are owned or operated in Illinois.
\$2,000,000, if 101 or more tanks are owned or operated in Illinois.

For costs incurred in calendar years 2002 and later:

\$2,000,000, if fewer than 101 tanks are owned or operated in Illinois.
\$3,000,000, if 101 or more tanks are owned or operated in Illinois.

RECEIVED
JAN 27 2009
EPA/BOL

Owner/Operator Name: Carl Adams, Jr.

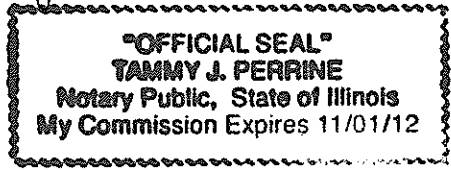
Authorized Representative*: [Signature] Title: President

Signature: [Signature] Date: 1/26/09

Subscribed and sworn to before me the 26th day of January, 2009.
(This certification must be notarized when the certification is signed.)

Tammy J Perrine
(Notary Public)

Seal:



*For a corporation, a principal executive officer of at least the level of vice president, or a person authorized by a resolution of the board of directors to sign the applicable document if a copy of the resolution, certified as a true copy by the secretary of the corporation, is submitted with the document.

Owner/Operator and Licensed Professional Engineer/Geologist Billing Certification Form

Under penalty of perjury as defined in Section 32-2 of the Criminal Code of 1961 [720 ILCS 5/32-2], I certify to the following:

- The bills in the attached application for payment are for performing corrective action activities associated with Incident # 991372 reported for the Leaking Underground Storage Tank site located at Address: 430 Stanford Avenue (Ayerco #14)
City: Springfield State: Illinois Zip: 62703
- The bills are for the billing period December 16, 1999 through January 22, 2009 and were incurred in conformance with the Environmental Protection Act and 35 Ill. Adm. Code 731, 732, or 734.
- The attached application for payment and all documents submitted with it were prepared under the supervision of the licensed professional engineer or licensed professional geologist and the owner and/or operator whose signatures are set forth below and in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information provided. The information in the attached application for payment is, to the best of my knowledge and belief, true, accurate, and complete.
- The costs for remediating the above-listed incident are correct, are reasonable, and if applicable, were determined in accordance with Subpart H: Maximum Payment Amounts, Appendix D Sample Handling and Analysis amounts, and Appendix E Personnel Titles and Rates of 35 Ill. Adm. Code 732 or 734.
- I am aware there are significant penalties for submitting false statements or representations to the Illinois EPA, including but not limited to fines, imprisonment, or both as provided in Section 44 of the Environmental Protection Act [415 ILCS 5/44] and Section 32-2 of the Criminal Code of 1961 [720 ILCS 5/32-2].

Owner/Operator Name: Illinois Ayers Oil Company

Authorized Representative*: Carl Adams, Jr.

Address: P.O. Box 772

Phone: _____

City: Quincy

State: Illinois

Zip: 62306

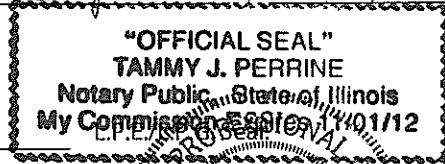
Signature: [Signature]

Date: 1/26/09

Subscribed and sworn to before me the 26th day of January, 2009

Tammy J Perrine
(Notary Public)

Seal:



L.P.E./L.P.G. Name: Joseph W. Truesdale, P.E., P.G.

L.P.E./L.P.G. Illinois Registration No.: 062-056797 196-000463

L.P.E./L.P.G. Registration Expiration Date: 11/30/2007 3/31/2011

Company Name: CSD Environmental Services, Inc.

Address: 2220 Yale Boulevard

Phone: (217) 622-4085

City: Springfield

State: Illinois

Zip: 62703

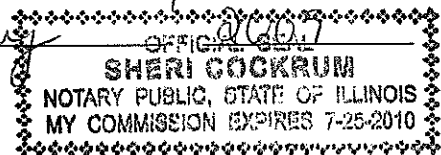
L.P.E./L.P.G. Signature: [Signature]

Date: 1/21/09

Subscribed and sworn to before me the 21 day of January, 2009

Sheri Cockrum
(Notary Public)

Seal:



*For a corporation, a principal executive officer of at least the level of vice president, or a person authorized by a resolution of the board of directors to sign the applicable document if a copy of the resolution, certified as a true copy by the secretary of the corporation, is submitted with the document.

Ayerco #14-Stanford CA Reimbursement Request #991372

Company	Invoice #	Investigation	Analysis	Personnel	Equipment	Field Purchases	Other Costs	Handling Charges	Total
CSD	07-01001	\$0.00	\$0.00	\$2,589.98	\$0.00	\$0.00	\$0.00	\$0.00	\$2,589.98
CSD	07-01109	\$0.00	\$0.00	\$940.97	\$0.00	\$0.00	\$0.00	\$0.00	\$940.97
CSD	07-01195	\$0.00	\$0.00	\$172.05	\$0.00	\$4.20	\$0.00	\$0.00	\$176.25
CSD	07-01254	\$0.00	\$0.00	\$2,182.34	\$0.00	\$0.00	\$0.00	\$0.00	\$2,182.34
CSD	07-01352	\$0.00	\$0.00	\$741.11	\$0.00	\$0.00	\$0.00	\$0.00	\$741.11
CSD	08-01533	\$0.00	\$0.00	\$292.48	\$0.00	\$0.00	\$0.00	\$0.00	\$292.48
CSD	08-01629	\$0.00	\$0.00	\$34.41	\$0.00	\$0.00	\$0.00	\$0.00	\$34.41
CSD	08-01750	\$0.00	\$0.00	\$415.57	\$0.00	\$0.00	\$0.00	\$0.00	\$415.57
CSD	08-01807	\$0.00	\$0.00	\$1,774.76	\$0.00	\$0.00	\$0.00	\$0.00	\$1,774.76
CSD	08-01958	\$0.00	\$0.00	\$33.09	\$0.00	\$0.00	\$0.00	\$0.00	\$33.09
CSD	08-02035	\$2,147.15	\$0.00	\$1,481.22	\$388.00	\$0.00	\$0.00	\$0.00	\$4,016.37
CSD	08-02112	\$0.00	\$775.35	\$2,200.36	\$635.00	\$0.00	\$0.00	\$0.00	\$3,610.71
CSD	08-02193	\$1,338.24	\$3,811.35	\$2,082.56	\$493.60	\$0.00	\$0.00	\$0.00	\$7,725.75
CSD	08-02304	\$0.00	\$995.22	\$0.00	\$0.00	\$6.24	\$0.00	\$0.00	\$1,001.46
CSD	08-1734	\$0.00	\$0.00	\$0.00	\$0.00	\$5,800.00	\$0.00	\$0.00	\$5,800.00
CSD	09-02424	\$0.00	\$0.00	\$1,623.80	\$0.00	\$0.00	\$0.00	\$0.00	\$1,623.80
CSD	08-02407	\$0.00	\$0.00	\$63.52	\$0.00	\$0.00	\$0.00	\$0.00	\$63.52
CSD		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CSD		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CSD		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CSD		\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
CSD				(\$5.27)					(\$5.27)
added handling charge									\$418.25
Subtotals:		\$3,485.39	\$5,581.92	\$16,622.95	\$1,516.60	\$5,810.44	\$0.00	\$0.00	\$33,435.55
						FP & Other	\$5,810.44		

Electronic Filing: Received, Clerk's Office 09/18/2024

C. APPROVED BUDGET SUMMARY AND BILLING SUMMARY

1. Amount approved in the Budget

1. Investigation Costs:	\$ 19,063.26 ✓
2. Analysis Costs:	\$ 51,306.68 ✓
3. Personnel Costs:	\$ 134,522.88 ✓
4. Equipment Costs:	\$ 6,546.50 ✓
5. Field Purchases and Other Costs:	\$ ^{274,352.16} 268,262.26 ✓
6. Handling Charges:	\$ ^{14,095.10} 8,289.07 ✓
TOTAL APPROVED IN THE BUDGET:	\$ 487,990.65

2. Actual Amount Spent

1. Investigation Costs:	3454.69 \$ 3,485.39 ✓ exceeds budget -30.72
2. Analysis Costs:	\$ 5,581.92 ✓
3. Personnel Costs:	\$ 16,622.95 ✓
4. Equipment Costs:	1486.90 \$ 1,516.60 ✓ exceeds budget -35.70
5. Field Purchases and Other Costs:	\$ 5,810.44 ✓
6. Handling Charges:	414.56 \$ 418.25 ✓ handling on inelig costs -3.69
TOTAL AMOUNT SPENT:	\$ 33,435.55 33,365.44

 X A budget for the bills included in this billing package was approved by the Agency on 12/21/1999 .

 X This billing package includes bills which were included in the Budget Amendment dated 11/30/06 ,
 and approved by the Agency on 3/6/2007 & 08/20/08 & 6/23/08 .

 Neither a budget nor a budget amendment were approved by the Agency for the bills included in this package.

E. INVESTIGATION COSTS

Method I Method II Method III Not Applicable

1. Drilling Costs - This includes the costs for drilling labor, drill rig usage, and other drilling equipment. Borings which are to be completed as monitoring wells should be listed here. Costs associated with disposal of cuttings should not be included here. An indication must be made as to why each boring is being conducted (i.e., classification, monitoring wells, migration pathways).

<u>4</u>	borings to	<u>16</u>	feet =	<u>64.0</u>	feet to be bored for	<u>MW-24 thru MW-27</u>
<u>1</u>	borings to	<u>8</u>	feet =	<u>8.0</u>	feet to be bored for	<u>B-19</u>
_____	borings to	_____	feet =	_____	feet to be bored for	_____
_____	borings to	_____	feet =	_____	feet to be bored for	_____
_____	borings to	_____	feet =	_____	feet to be bored for	_____

Total Feet to be Bored: 72.0

August 28, 2008 (HDR Invoice #456)

Hollow Stem Boring 32 feet x \$ 24.35 per foot = \$779.20
 Direct Push Boring: 8 feet x \$ 19.06 per foot = 152.48

Daily Minimum Drilling Rate \$1,588.11 ✓

October 14, 2008 (HDR Invoice #467)

Hollow Stem Boring: 32.0 feet x \$ \$ 24.35 per foot = \$ 779.20 ✓

Hours _____ x _____ per hour = _____

_____ borings through _____ ft of bedrock= _____ Ft bedrock to be bored
 _____ borings through _____ ft of bedrock= _____ Ft bedrock to be bored

Total Feet bedrock to be Bored: _____

Borings: _____ ft bedrock x \$ - per ft bedrock = _____ (or)
 _____ Hours x \$ - per Hour \$ -
 _____ # of Mobilizations @ \$ - per mobilization = \$ -

Other Costs	Number of Units	Unit Cost	Total Cost
		\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -

2. Professional Services (e.g. P.E., geologist) - These costs must be listed in Section I, the Personnel section of the forms.

3. **Monitoring Well Installation Materials** - Costs listed here must be costs associated with the well casing, well screens, filter pack, annular seal, surface seal, well covers, etc. List the items below in a time and materials format.

Material	Number of Units	Unit Cost	Total Cost
Monitoring Well Installation (4 @ 16 ft. each)	64	\$ 17.47	\$ 1,118.08
		\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -
		\$ -	\$ -

4. **Disposal Costs** - This includes the costs for disposing of boring cuttings and any water generated while performing borings or installing wells.

Disposal of Cuttings: _____ drums x \$ - per drum = \$ -
 Disposal of Water: _____ gallons x \$ - per gallon = \$ -
 Transportation Costs: \$ -

Describe how the water/ soil will be disposed: _____

Total Investigation Costs: \$ 3,485.39

IEMA No. 991372

✓ ^{PNA} 2 Samples x	\$ 160.93	per sample =	\$ 321.86
Paint Filter samples	\$ -	per sample =	\$ -
TCLP Lead samples	\$ -	per sample =	\$ -
Flash Point samples	\$ -	per sample =	\$ -
Lab and/or Field Bank samples	\$ -	per sample =	\$ -
_____ samples x	\$ -	per sample =	\$ -
_____ samples x	\$ -	per sample =	\$ -
_____ samples x	\$ -	per sample =	\$ -
_____ samples x	\$ -	per sample =	\$ -
_____ samples x	\$ -	per sample =	\$ -

3. Groundwater Analysis Costs - This must be for laboratory analysis only.

✓ 15 BTEX samples x	\$ 88.33	per sample =	\$ 1,324.95
✓ 15 PNA samples x	\$ 165.76	per sample =	\$ 2,486.40
✓ 2 BTEX samples x	\$ 85.76	per sample =	\$ 171.52
✓ 2 PNA Samples x	\$ 160.93	per sample =	\$ 321.86
Lab and/or Field Bank samples	\$ -	per sample =	\$ -
Flash Point samples	\$ -	per sample =	\$ -
_____ samples x	\$ -	per sample =	\$ -
_____ samples x	\$ -	per sample =	\$ -
_____ samples x	\$ -	per sample =	\$ -
_____ samples x	\$ -	per sample =	\$ -
_____ samples x	\$ -	per sample =	\$ -
_____ samples x	\$ -	per sample =	\$ -

TOTAL ANALYSIS COSTS: \$ 5,581.92 ✓

G. PERSONNEL

All personnel costs that are not included elsewhere in the budget/billing form must be listed here. Costs must be listed per task, not personnel type. The following are some examples of tasks: Drafting, data collection, plan, report, or budget preparation for _____ (i.e., site classification work plan, 45 day report, or high priority corrective action budget), sampling, field oversight for _____ (i.e., drilling/well installation, corrective action, or early action), or maintenance of . The above list is not inclusive of all possible tasks.

Scientist II : 44.25 hours x \$ 68.82 per hour = \$ 3,045.29 ✓
(Title)

Task to be performed for the above hours: Preparing plan

Scientist II : 6.5 hours x \$ 68.82 per hour = \$ 447.33 ✓
(Title)

Task to be performed for the above hours: Tabulate and evaluate analytical data

Sr. Professional Engineer : 3 hours x \$ 137.64 per hour = \$ 412.92 ✓
(Title)

Task to be performed for the above hours: Evaluate analytical data

Sr. Professional Engineer : 3 hours x \$ 137.64 per hour = \$ 412.92 ✓
(Title)

Task to be performed for the above hours: TACO review

Scientist II : 6.25 hours x \$ 68.82 per hour = \$ 430.13 ✓
(Title)

Task to be performed for the above hours: TACO evaluation

Sr. CAD Tech : 8 hours x \$ 63.52 per hour = \$ 508.16 ✓
(Title)

Task to be performed for the above hours: Prepaing CAD maps

Scientist II : 2.5 hours x \$ 68.82 per hour = \$ 172.05 ✓
(Title)

Task to be performed for the above hours: Preparing plan

Sr. Professional Engineer : 6.25 hours x \$ 137.64 per hour = \$ 860.25 ✓
(Title)

Task to be performed for the above hours: PE review & certification of plan

Pg.1 Subtotal Personnel Costs : \$ 6,289.04 ✓

<u>Scientist II</u> (Title)	:	<u>1.75</u> hours x <u>\$ 68.82</u>	per hour =	<u>\$ 120.44</u> ✓
Task to be performed for the above hours:		<u>TACO evaluation</u>		
<u>Sr. CAD Tech</u> (Title)	:	<u>2</u> hours x <u>\$ 63.52</u>	per hour =	<u>\$ 127.04</u> ✓
Task to be performed for the above hours:		<u>Preparing CAD maps</u>		
<u>Scientist II</u> (Title)	:	<u>5</u> hours x <u>\$ 68.82</u>	per hour =	<u>\$ 344.10</u> ✓
Task to be performed for the above hours:		<u>Tabulate & evaluate analytical data</u>		
<u>Sr. Project Manager</u> (Title)	:	<u>0.5</u> hours x <u>\$ 105.87</u>	per hour =	<u>\$ 52.94</u> ✓
Task to be performed for the above hours:		<u>Tabulate & evaluate analytical data</u>		
<u>Scientist II</u> (Title)	:	<u>1.5</u> hours x <u>\$ 68.82</u>	per hour =	<u>\$ 103.23</u> ✓
Task to be performed for the above hours:		<u>GW elevation summary table</u>		
<u>Geologist III</u> (Title)	:	<u>3</u> hours x <u>\$ 93.17</u>	per hour =	<u>\$ 279.51</u> ✓
Task to be performed for the above hours:		<u>Prepare boring logs & MWCD's</u>		
<u>Scientist II</u> (Title)	:	<u>2.75</u> hours x <u>\$ 68.82</u>	per hour =	<u>\$ 189.26</u> ✓
Task to be performed for the above hours:		<u>Access agreements</u>		
<u>Sr. Administrative Assistant</u> (Title)	:	<u>0.5</u> hours x <u>\$ 47.64</u>	per hour =	<u>\$ 23.82</u> ✓
Task to be performed for the above hours:		<u>Access agreements</u>		
<u>Administrative Assistant</u> (Title)	:	<u>1</u> hours x <u>\$ 26.47</u>	per hour =	<u>\$ 26.47</u> ✓
Task to be performed for the above hours:		<u>Copy, scan & distribute plan</u>		
<u>Sr. Project Manager</u> (Title)	:	<u>9</u> hours x <u>\$ 105.87</u>	per hour =	<u>\$ 952.83</u> ✓
Task to be performed for the above hours:		<u>Review and QA / QC plan by Project Manager</u>		

Pg.2 Subtotal Personnel Costs :

\$ 2,219.63 ✓

<u>Scientist II</u> (Title)	:	<u>1</u> hours x <u>\$ 68.82</u> per hour = <u>\$ 68.82</u> ✓
Task to be performed for the above hours:	:	<u>Attend client meetings & Agency / client correspondence</u>
<u>Scientist II</u> (Title)	:	<u>7.5</u> q <u>\$ 68.82</u> per hour = <u>\$ 516.15</u> ✓
Task to be performed for the above hours:	:	<u>Preparing budget</u>
<u>Sr. Professional Engineer</u> (Title)	:	<u>5.25</u> hours x <u>\$ 137.64</u> per hour = <u>\$ 722.61</u> ✓
Task to be performed for the above hours:	:	<u>Budget review & certification by PE</u>
<u>Administrative Assistant I</u> (Title)	:	<u>12.5</u> hours x <u>\$ 26.47</u> per hour = <u>\$ 330.88</u> ✓
Task to be performed for the above hours:	:	<u>Preparing draft reimbursement request</u>
<u>Sr. Project Manager</u> q (Title)	:	<u>1</u> hours x <u>\$ 105.87</u> per hour = <u>\$ 105.87</u> ✓
Task to be performed for the above hours:	:	<u>Soil boring / MW installation oversight</u>
<u>Sr. Professional Engineer</u> (Title)	:	<u>4.25</u> hours x <u>\$ 137.64</u> per hour = <u>\$ 584.97</u> ✓
Task to be performed for the above hours:	:	<u>PE oversight of field work</u>
<u>Geologist III</u> (Title)	:	<u>11.25</u> hours x <u>\$ 93.17</u> per hour = <u>\$ 1,048.16</u> ✓
Task to be performed for the above hours:	:	<u>Gauging water level and sampling MW</u>
<u>Geologist III</u> (Title)	:	<u>1.75</u> hours x <u>\$ 93.17</u> per hour = <u>\$ 163.05</u> ✓
Task to be performed for the above hours:	:	<u>Field preparation, review geology & meeting w/ Project Manager</u>
<u>Scientist II</u> (Title)	:	<u>1.5</u> hours x <u>\$ 68.82</u> per hour = <u>\$ 103.23</u> ✓
Task to be performed for the above hours:	:	<u>Prepare sample for shipping, deliver to lab</u>
<u>Scientist II</u> (Title)	:	<u>1.5</u> hours x <u>\$ 68.82</u> per hour = <u>\$ 103.23</u> ✓
Task to be performed for the above hours:	:	<u>Sample containers, labels, cert's & COC's</u>

Pg.3 Subtotal Personnel Costs : \$ 3,746.97 ✓

<u>Scientist II</u> (Title)	:	<u>1</u> hours x \$ <u>68.82</u>	per hour =	\$ <u>68.82</u> ✓
Task to be performed for the above hours:		<u>Sample containers, labels, cert's & COC's</u>		
<u>Geologist III</u> (Title)	:	<u>8.5</u> hours x \$ <u>93.17</u>	per hour =	\$ <u>791.95</u> ✓
Task to be performed for the above hours:		<u>Soil boring / MW installation oversight & soil sampling</u>		
<u>Geologist III</u> (Title)	:	<u>2.5</u> hours x \$ <u>93.17</u>	per hour =	\$ <u>232.93</u> ✓
Task to be performed for the above hours:		<u>Survey & develop MW's</u>		
<u>Sr. Project Manager</u> (Title)	:	<u>1.5</u> hours x \$ <u>105.87</u>	per hour =	\$ <u>158.81</u> ✓
Task to be performed for the above hours:		<u>Reimbursement review & QA / QC by Project Manager</u>		
<u>Administrative Assistant I</u> (Title)	:	<u>1</u> hours x \$ <u>26.47</u>	per hour =	\$ <u>26.47</u> ✓
Task to be performed for the above hours:		<u>Copy, scan, bind & distribute reimbursement request</u>		
<u>Sr. Professional Geologist</u> (Title)	:	<u>3</u> hours x \$ <u>116.46</u>	per hour =	\$ <u>349.38</u> ✓
Task to be performed for the above hours:		<u>Reimbursement PG oversight and certification</u>		
<u>Sr. Professional Engineer</u> (Title)	:	<u>8.5</u> hours x \$ <u>137.64</u>	per hour =	\$ <u>1,169.94</u> ✓
Task to be performed for the above hours:		<u>Reimbursement PE oversight and certification</u>		
<u>Scientist II</u> (Title)	:	<u>2.25</u> hours x \$ <u>68.82</u>	per hour =	\$ <u>154.85</u> ✓
Task to be performed for the above hours:		<u>Redo GW elevations & look for past elevations</u>		
<u>Geologist III</u> (Title)	:	<u>0.25</u> hours x \$ <u>93.17</u>	per hour =	\$ <u>23.29</u> ✓
Task to be performed for the above hours:		<u>File search for aerial photo's to update site map</u>		
<u>Sr. Administrative Assistant</u> (Title)	:	<u>2</u> hours x \$ <u>47.64</u>	per hour =	\$ <u>95.28</u> ✓
Task to be performed for the above hours:		<u>Copy, bind, scan & distribute reimbursement request</u>		
<u>Sr. Account Technician</u> (Title)	:	<u>22.25</u> hours x \$ <u>58.23</u>	per hour =	\$ <u>1,295.62</u> ✓
Task to be performed for the above hours:		<u></u>		

Pg.4 Subtotal Personnel Costs :

\$ 4,367.32 ✓

_____ : _____ hours x _____ per hour = \$ _____
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = _____
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = _____
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = \$ _____
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = \$ _____
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = \$ _____
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = _____
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = _____
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = \$ _____
(Title)

Task to be performed for the above hours: _____

_____ : _____ hours x _____ per hour = \$ _____
(Title)

Task to be performed for the above hours: _____

Pg.5 Subtotal Personnel Costs :

\$ _____

TOTAL PERSONNEL COSTS:

\$ 16,622.95 ✓

SUBCONTRACTOR AFFIDAVIT of PAYMENT

The AFFIANT, **Heartland Drilling and Remediation, Inc.** has subcontracted with, and has furnished environmental subcontracting services under the Contractor **CSD Environmental Services, Inc.** in association with 35 IAC 731, 732 or 734 environmental regulatory compliance for the following facility:

167203337-Sangamon
LPC Number - County

Illinois Ayers Oil Co. Inc. (Ayerco #14)
Facility Name

430 Stanford Avenue
Facility Address

991372
LUST Incident

The undersigned, being a duly authorized representative of the AFFIANT, acknowledges that on the 20 day of January, 2009; payment has been made for services provided under **Heartland Drilling and Remediation, Inc.**

Invoice #: 456 , for the amount of \$ 2,147.15 Check #: 13288 Dated: 01/20/09
Invoice #: 467 , for the amount of \$ 1,338.24 Check #: 13288 Dated: 01/20/09

Cindy Davis
Representative's Name

President
Representative's Title

Cindy Davis
Representative's Signature

1/20/09
Date

RECEIVED
JAN 27 2009
IEPA/BOL

Subscribed and sworn before me this 20 day of Jan, 20 09.
Sheri Cockrum
Notary Public

Seal: 

HEARTLAND

Drilling & Remediation, Inc.
ENVIRONMENTAL CONTRACTORS

Invoice

Date	Invoice #
8/29/2008	456

437 W. Hoecheater Road
 Springfield, IL, 62711

Bill To

CSD Environmental
 2220 Yale Boulevard
 Springfield, IL 62703

08-02035

Project
Ayerco #14

Quantity	Description	Rate	Serviced	Amount
1	HSA drilling per foot; \$1,588.11 minimum	1,588.11	8/28/2008	1,588.11
32	Hollow Stem Auger monitor well installation per foot of well length 2 mon. wells @ 16 ft./ea., 1 boring @ 8 ft. minimum daily drilling charge applies	17.47		559.04
			Total	\$2,147.15

POSTED
 AUG 29 2008

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield IL 62703
Phone: 217-522-4085

Invoice Number: 08-02035
Invoice Date: 08/31/08
Amount Due: \$4,016.37
Billing Period: 08/01/08 - 08/31/08
Terms: Net 30

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

Project ID: #991372
Project Name: #991372-CA/430 Stanford

INVOICE

Date	Staff Member	Description	Hours	Rate	Amount
08/25/08	Joseph Truesdale	J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
08/26/08	Joseph Truesdale	J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
08/26/08	Brandon Hargrave	B. Hargrave/Geologist III	0.50	\$93.17	\$46.59
08/27/08	Joseph Truesdale	J. Truesdale/Sr. Prof Eng	0.50	\$137.64	\$68.82
08/27/08	Brandon Hargrave	B. Hargrave/Geologist III	0.50	\$93.17	\$46.59
08/28/08	Joseph Truesdale	J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
HP EXTENT-FIELD:PREPARATION, REVIEW GEOLOGY, MEETING WITH PM TOTAL:			2.25		\$265.23
08/25/08	Eric Ihnen	E. Ihnen/ Scientist II	1.50	\$68.82	\$103.23
HP EXTENT-FIELD:PREPARE SAMPLES FOR SHIPPING, DELIVER TO SHIPPING SITE TOTAL:			1.50		\$103.23
08/28/08	Shane Thorpe	S. Thorpe/Sr. Project Manager	0.50	\$105.87	\$52.94
08/28/08	Brandon Hargrave	B. Hargrave/Geologist III	3.00	\$93.17	\$279.51
08/29/08	Brandon Hargrave	B. Hargrave/Geologist III	0.25	\$93.17	\$23.29
HP EXTENT-FIELD:SOIL BOIRNG/MW INSTALLATION OVERSIGHT AND SOIL SAMPLING TOTAL			3.75		\$355.74
08/14/08	Joseph Truesdale	J. Truesdale/Sr. Prof Eng	2.75	\$137.64	\$378.51
08/20/08	Joseph Truesdale	J. Truesdale/Sr. Prof Eng	0.75	\$137.64	\$103.23
08/21/08	Joseph Truesdale	J. Truesdale/Sr. Prof Eng	1.00	\$137.64	\$137.64
08/29/08	Joseph Truesdale	J. Truesdale/Sr. Prof Eng	1.00	\$137.64	\$137.64
HP EXTENT-PAY:REIMBURSEMENT P.G. OVERSIGHT & CERTIFICATION TOTAL:			5.50		\$757.02
TOTAL PROFESSIONAL FEES:			13.00		\$1,481.22

Date	Source	Description	Quantity	Rate	Amount
08/28/08	Brandon Hargrave	Equipment: Well Development	1.00	140.00	\$140.00
08/28/08	Brandon Hargrave	Equipment:Truck	1.00	60.00	\$60.00
08/28/08	Brandon Hargrave	Equipment:Water Level Indicator	1.00	25.00	\$25.00
08/28/08	Brandon Hargrave	Equipment:Purge and trap samplers (07)	6.00	10.50	\$63.00
08/28/08	Brandon Hargrave	Equipment:PID	1.00	100.00	\$100.00
08/29/08	Heartland Drilling & Re				\$2,147.15
OTHER SERVICES TOTAL:					\$2,535.15

TOTAL REIMBURSABLE EXPENSES: \$2,535.15

Amount Due (This Invoice): \$4,016.37

Please Remit Payment To: CSD Environmental Services, Inc., P.O. Box 20912, Springfield, IL 62708-0912

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield IL 62703
Phone: 217-522-4085

Invoice Number: 08-02112
Invoice Date: 09/30/08
Amount Due: \$3,610.71
Billing Period: 09/01/08 - 09/30/08
Terms: Net 30

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hgwy 24 & Interstate 172
Quincy, IL 62306

Project ID: #991372
Project Name: #991372-CA/430 Stanford

INVOICE

Date	Staff Member	Description	Hours	Rate	Amount
09/17/08	Brandon Hargrave	B. Hargrave/Geologist III	9.00	\$93.17	\$838.53
		HP EXTENT-FIELD:GUAGING WATER LEVEL AND SAMPLING MW TOTAL:	9.00		\$838.53
09/10/08	Eric Ihnen	E. Ihnen/ Scientist II	1.00	\$68.82	\$68.82
		HP EXTENT-FIELD:SAMPLE CONTAINERS, LABELS, CERTS, COC TOTAL:	1.00		\$68.82
09/12/08	Brandon Hargrave	B. Hargrave/Geologist III	1.75	\$93.17	\$163.05
09/29/08	Brandon Hargrave	B. Hargrave/Geologist III	0.25	\$93.17	\$23.29
		HP EXTENT-FIELD:SURVEY AND DEVELOP MW'S TOTAL:	2.00		\$186.34
09/08/08	Joseph Truesdale	J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
09/10/08	Joseph Truesdale	J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
09/12/08	Joseph Truesdale	J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
09/22/08	Joseph Truesdale	J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
09/26/08	Joseph Truesdale	J. Truesdale/Sr. Prof Eng	0.75	\$137.64	\$103.23
09/29/08	Joseph Truesdale	J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
09/30/08	Joseph Truesdale	J. Truesdale/Sr. Prof Eng	0.50	\$137.64	\$68.82
		HP EXTENT-OTHER:OTHER TASKS NOT DESCRIBED, MUST USE NOTES TOTAL:	2.50		\$344.10
09/04/08	Joseph Truesdale	J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
		HP EXTENT-PAY:REIMBURSEMENT P.G. OVERSIGHT & CERTIFICATION TOTAL:	0.25		\$34.41
09/04/08	Brandon Hargrave	B. Hargrave/Geologist III	0.50	\$93.17	\$46.59
09/08/08	Brandon Hargrave	B. Hargrave/Geologist III	0.25	\$93.17	\$23.29
09/16/08	Brandon Hargrave	B. Hargrave/Geologist III	1.75	\$93.17	\$163.05
09/18/08	Brandon Hargrave	B. Hargrave/Geologist III	0.50	\$93.17	\$46.59
		HP EXTENT-PLAN:PREPARE BORINGS LOGS AND MWCD'S TOTAL:	3.00		\$279.52
09/22/08	Burt Bradley	B. Bradley/Sr. Cad Tech	0.50	\$63.52	\$31.76
		HP EXTENT-PLAN:PREPARE CAD MAPS TOTAL:	0.50		\$31.76
09/22/08	Shane Thorpe	S. Thorpe/Sr. Project Manager	1.00	\$105.87	\$105.87
		HP EXTENT-PLAN:REVIEW AND QA/QC BY PM TOTAL:	1.00		\$105.87
09/08/08	Shane Thorpe	S. Thorpe/Sr. Project Manager	0.50	\$105.87	\$52.94
09/09/08	Eric Ihnen	E. Ihnen/ Scientist II	0.50	\$68.82	\$34.41
09/29/08	Eric Ihnen	E. Ihnen/ Scientist II	0.50	\$68.82	\$34.41
09/30/08	Eric Ihnen	E. Ihnen/ Scientist II	2.75	\$68.82	\$189.25
		HP EXTENT-PLAN:TABULATE AND EVALUATE ANALYTICAL LAB DATA TOTAL:	4.25		\$311.01
TOTAL PROFESSIONAL FEES:			23.50		\$2,200.36

OCT 27 2008

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield IL 62703
Phone: 217-522-4085

Invoice Number: 08-02112
Invoice Date: 09/30/08
Amount Due: \$3,610.71
Billing Period: 09/01/08 - 09/30/08
Terms: Net 30

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

Project ID: #991372
Project Name: #991372-CA/430 Stanford

Date	Source	Description	Quantity	Rate	Amount
09/09/08	TMI Analytical Service				\$775.35
09/12/08	Brandon Hargrave	Equipment:Truck	1.00	60.00	\$60.00
09/12/08	Brandon Hargrave	Equipment: Survey	1.00	125.00	\$125.00
09/12/08	Brandon Hargrave	Equipment: Well Development	1.00	140.00	\$140.00
09/17/08	Brandon Hargrave	Equipment:Water Level Indicator	1.00	25.00	\$25.00
09/17/08	Brandon Hargrave	Equipment:Truck	1.00	60.00	\$60.00
09/17/08	Brandon Hargrave	Equipment:Bailers	15.00	15.00	\$225.00
OTHER SERVICES TOTAL:					\$1,410.35

TOTAL REIMBURSABLE EXPENSES: **\$1,410.35**

Amount Due (This Invoice): \$3,610.71

Please Remit Payment To: CSD Environmental Services, Inc., P. O. Box 20912, Springfield, IL 62708-0912

TMI Analytical Services, LLC
2110 N. Republic St.
Springfield, IL 62702-1851
(217) 698-0642

DATE	INVOICE NO.
9/5/2008	21045

BILL TO:

CSD Environmental Services
 2220 Yale Boulevard
 Springfield, IL 62703

REMIT TO: 10/27/08

TMI Analytical Services, LLC
 2110 N. Republic Street
 Springfield, IL 62702-1851

08-02112

P.O. NO.	TERMS	DUE DATE	TMI LOG NO.'S	PROJECT	
	Net 60	11/4/2008	0808170 1-3	HP EXTENT Ayerco 14- Stanford	
DESCRIPTION			QTY	RATE	AMOUNT
BTEX, 5035, SOLID			3	92.69	278.07
PNA's, 8270C, SOLID			3	165.76	497.28
<p>POSTED SEP 9 2008</p> <p>PAID OCT 24 2008</p>					
Thank-you, we appreciate your business!				Total	5775.35

CSD Environmental Services, Inc.
 2220 Yale Boulevard
 Springfield IL 62703
 Phone: 217-522-4085

Invoice Number: 08-02193
 Invoice Date: 10/31/08
 Amount Due: \$7,725.75
 Billing Period: 10/01/08 - 10/31/08
 Terms: Net 30

Carl Adams
 Illinois Ayers Oil
 P. O. Box 772
 Hwy 24 & Interstate 172
 Quincy, IL 62306

DEC - 2 2008

Project ID: #991372
 Project Name: #991372-CA/430 Stanford

INVOICE

Date	Staff Member	Description	Hours	Rate	Amount
10/16/08	Brandon Hargrave	B. Hargrave/Geologist III	2.00	\$93.17	\$186.34
10/17/08	Brandon Hargrave	B. Hargrave/Geologist III	0.25	\$93.17	\$23.29
		HP EXTENT-FIELD:GAUGING WATER LEVEL AND SAMPLING MW TOTAL:	2.25		\$209.63
10/14/08	Joseph Truesdale	J. Truesdale/Sr. Prof Eng	0.50	\$137.64	\$68.82
		HP EXTENT-FIELD:PE OVERSIGHT TOTAL:	0.50		\$68.82
10/15/08	Brandon Hargrave	B. Hargrave/Geologist III	0.75	\$93.17	\$69.88
		HP EXTENT-FIELD:PREPARATION, REVIEW GEOLOGY, MEETING WITH PM TOTAL:	0.75		\$69.88
10/13/08	James Doerfler	J. Doerfler - Scientist II	1.50	\$68.82	\$103.23
		HP EXTENT-FIELD:SAMPLE CONTAINERS, LABELS, CERTS, COC TOTAL:	1.50		\$103.23
10/14/08	Brandon Hargrave	B. Hargrave/Geologist III	4.75	\$93.17	\$442.56
10/29/08	Brandon Hargrave	B. Hargrave/Geologist III	0.50	\$93.17	\$46.59
		HP EXTENT-FIELD:SOIL BORING/MW INSTALLATION OVERSIGHT AND SOIL SAMPLING TOTAL	5.25		\$489.15
10/14/08	Brandon Hargrave	B. Hargrave/Geologist III	0.50	\$93.17	\$46.59
		HP EXTENT-FIELD:SURVEY AND DEVELOP MW'S TOTAL:	0.50		\$46.59
10/08/08	Joseph Truesdale	J. Truesdale/Sr. Prof Eng	0.50	\$137.64	\$68.82
10/17/08	Brandon Hargrave	B. Hargrave/Geologist III	0.25	\$93.17	\$23.29
		HP EXTENT-OTHER:OTHER TASKS NOT DESCRIBED, MUST USE NOTES TOTAL:	0.75		\$92.11
10/21/08	Shane Thorpe	S. Thorpe/Sr. Project Manager	0.50	\$105.87	\$52.94
10/23/08	Shane Thorpe	S. Thorpe/Sr. Project Manager	0.50	\$105.87	\$52.94
		HP EXTENT-PAY:REIMBURSEMENT REVIEW & QC / QA BY PM TOTAL:	1.00		\$105.88
10/03/08	Eric Ihnen	E. Ihnen/ Scientist II	2.50	\$68.82	\$172.05
10/06/08	Judi Miles	J. Miles/Sr. Admin. Asst.	0.50	\$47.64	\$23.82
10/06/08	Eric Ihnen	E. Ihnen/ Scientist II	0.25	\$68.82	\$17.20
		HP EXTENT-PLAN:ACCESS AGREEMENTS TOTAL:	3.25		\$213.07
09/22/08	Burt Bradley	B. Bradley/Sr. Cad Tech	2.00	\$63.52	\$127.04
09/22/08	Sean Berberet	S. Berberet/Sr. CAD Tech	2.00	\$63.52	\$127.04
		HP EXTENT-PLAN:PREPARE CAD MAPS TOTAL:	4.00		\$254.08
10/02/08	Joseph Truesdale	J. Truesdale/Sr. Prof Eng	0.50	\$137.64	\$68.82
10/03/08	Eric Ihnen	E. Ihnen/ Scientist II	1.25	\$68.82	\$86.02
10/03/08	Joseph Truesdale	J. Truesdale/Sr. Prof Eng	1.25	\$137.64	\$172.05
10/27/08	Joseph Truesdale	J. Truesdale/Sr. Prof Eng	0.75	\$137.64	\$103.23
		HP EXTENT-PLAN:TABULATE AND EVALUATE ANALYTICAL LAB DATA TOTAL:	3.75		\$430.12
TOTAL PROFESSIONAL FEES:			23.50		\$2,082.56

CSD Environmental Services, Inc.

2220 Yale Boulevard
 Springfield IL 62703
 Phone: 217-522-4085

Invoice Number: 08-02193
 Invoice Date: 10/31/08
 Amount Due: \$7,725.75
 Billing Period: 10/01/08 - 10/31/08
 Terms: Net 30

Carl Adams
 Illinois Ayers Oil
 P. O. Box 772
 Hwy 24 & Interstate 172
 Quincy, IL 62306

Project ID: #991372
 Project Name: #991372-CA/430 Stanford

Date	Source	Description	Quantity	Rate	Amount
10/13/08	TMI Analytical Service				\$3,811.35
10/14/08	Brandon Hargrave	Equipment: Well Development	1.00	140.00	\$140.00
10/14/08	Brandon Hargrave	Equipment:Water Level Indicator	1.00	25.00	\$25.00
10/14/08	Brandon Hargrave	Equipment:Truck	1.00	60.00	\$60.00
10/14/08	Brandon Hargrave	Equipment: Survey	1.00	125.00	\$125.00
10/14/08	Brandon Hargrave	Equipment:Purge and trap samplers (08)	4.00	10.90	\$43.60
10/14/08	Brandon Hargrave	Equipment:PID	1.00	100.00	\$100.00
10/22/08	Heartland Drilling & Re				\$1,338.24
OTHER SERVICES TOTAL:					\$5,643.19
TOTAL REIMBURSABLE EXPENSES:					\$5,643.19

Amount Due (This Invoice): \$7,725.75

Please Remit Payment To: CSD Environmental Services, Inc., P. O. Box 20912, Springfield, IL 62708-0912

TMI Analytical Services, LLC
2110 N. Republic St.
Springfield, IL 62702-1851
(217) 698-0642

DATE	INVOICE NO.
9/30/2008	21131

11/17/08

BILL TO:

CSD Environmental Services
 2220 Yale Boulevard
 Springfield, IL 62703

REMIT TO:

TMI Analytical Services, LLC
 2110 N. Republic Street
 Springfield, IL 62702-1851

08-02193

P.O. NO.	TERMS	DUE DATE	TMI LOG NO.'S	PROJECT	
	Net 60	11/29/2008	0809077 2-16	Ayerco 14- Stanford HP Extent	
DESCRIPTION			QTY	RATE	AMOUNT
BTEX, 8260B, LIQUID			15	88.33	1,324.95
PNA's, 8270C, LIQUID			15	165.76	2,486.40
<p>POSTPAID OCT 13 2008</p> <p>PAID NOV 21 08</p>					
Thank-you, we appreciate your business!				Total	\$3,811.35

HEARTLAND

Drilling & Remediation, Inc.
ENVIRONMENTAL CONTRACTORS

Invoice

Date	Invoice #
10/21/2008	467

437 W. Hoecheater Road
 Springfield, IL, 62711

Bill To

CSD Environmental
 2220 Yale Boulevard
 Springfield, IL 62703

08-02193

Project
Ayerco #14

Quantity	Description	Rate	Serviced	Amount
32	HSA drilling per foot; \$1,588.11 minimum	24.35	10/14/2008	779.20
32	Hollow Stem Auger monitor well installation per foot of well length	17.47	10/14/2008	559.04
	Install MW-26 and MW-27			
POSTPAID OCT 22 2008				
Total				\$1,338.24

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield IL 62703
Phone: 217-522-4085

Invoice Number: 08-02304
Invoice Date: 11/30/08
Amount Due: \$1,001.46
Billing Period: 11/01/08 - 11/30/08
Terms: Net 30

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

Project ID: #991372
Project Name: #991372-CA/430 Stanford

INVOICE

Date	Source	Description	Quantity	Rate	Amount
11/12/08	TMI Analytical Service				\$493.38
11/12/08	Illinois National Bank	General:Postage/Courier			\$6.24
11/12/08	TMI Analytical Service				\$501.84
OTHER SERVICES TOTAL:					\$1,001.46
TOTAL REIMBURSABLE EXPENSES:					\$1,001.46

Amount Due (This Invoice): \$1,001.46

Please Remit Payment To: CSD Environmental Services, Inc., P. O. Box 20912, Springfield, IL 62708-0912

DEC 18 2008

Electronic Filing: Received, Clerk's Office 09/18/2024

TMI Analytical Services, LLC
2110 N. Republic St.
Springfield, IL 62702-1851
(217) 698-0642

DATE	INVOICE NO.
10/22/2008	21212


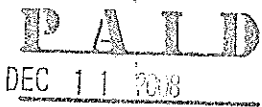
BILL TO:

CSD Environmental Services
2220 Yale Boulevard
Springfield, IL 62703

REMIT TO: 12/15/08

TMI Analytical Services, LLC
2110 N. Republic Street
Springfield, IL 62702-1851

08-02304

P.O. NO.	TERMS	DUE DATE	TMI LOG NO.'S	PROJECT	
	Net 60	12/21/2008	0810129 1-2	Ayerco 14- Stanford HPEXTENT	
DESCRIPTION			QTY	RATE	AMOUNT
BTEX, 8260B, LIQUID			2	85.76	171.52
PNA's, 8270C, LIQUID			2	160.93	321.86
 					
Thank-you, we appreciate your business!				Total	\$493.38

Judi

08-02304

IL Ayerco Stanford
HP Extent/Plan
Access Agreement

SPRINGFIELD MPO
SPRINGFIELD, Illinois
627039711

1615500605-0095

10/06/2008 (217)788-7225 04:17:16 PM

Sales Receipt

Product Description	Sale Unit Qty	Price	Final Price
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SPRINGFIELD IL 62704			\$1.34
----------------------	--	--	--------

Zone-1 First-Class			
--------------------	--	--	--

Large Env			
-----------	--	--	--

3.30 oz.			
----------	--	--	--

Return Rcpt (Green			\$2.20
--------------------	--	--	--------

Card)			
-------	--	--	--

Certified			\$2.70
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Label #:	70063450000167725193		
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Issue PVI:			\$6.24
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Total:			\$6.24
--------	--	--	--------

Paid by:			
Visa			\$6.24

Account #: XXXXXXXXXXXX5850

Approval: 215142

Transact

FORMS: 000A

YOUR OPINION COUNTS

POSTAL EXPERIENCE
TELL US ABOUT YOUR RECENT

GO TO: <http://www.usps.com>

HELP US SERVE YOU BETTER

Thank you for your business.

Letter-Case letter

3-9405 5005

EDWARDSVILLE IL

\$0.45

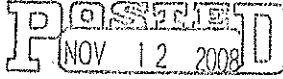
Product	01A 8106	DATE
Description	2916 0111	TIME

TMI Analytical Services, LLC
 2110 N. Republic St.
 Springfield, IL 62702-1851
 (217) 698-0642

DATE	INVOICE NO.
10/27/2008	21234

BILL TO:
 CSD Environmental Services
 2220 Yale Boulevard
 Springfield, IL 62703

REMIT TO: 12/22/08
 TMI Analytical Services, LLC
 2110 N. Republic Street
 Springfield, IL 62702-1851
 08-02304

P.O. NO.	TERMS	DUE DATE	TMI LOG NO.'S	PROJECT	
	Net 60	12/26/2008	0810094 1-2	Ayerco 14- Stanford HPEXTENT	
DESCRIPTION			QTY	RATE	AMOUNT
BTEX, 5035, SOLID			2	89.99	179.98
PNA's, 8270C, SOLID			2	160.93	321.86
					
Thank you for your business.				Total	\$501.84

Handwritten initials in a circle.



CSD ENVIRONMENTAL SERVICES, INC.
 2220 YALE BOULEVARD - SPRINGFIELD, ILLINOIS - (217) 522-4085

Invoice

DATE	INVOICE NO.
12/16/99	08-1734

BILL TO
Illinois Ayers Oil P. O. Box 772 Hgwy 24 & Interstate 172 Quincy, IL 62306

Due Date	PROJECT
6/16/2008	#991372-CA/430 St...

DATE	ITEM	DESCRIPTION	QTY	RATE	AMOUNT
12/16/99		Biofeasibility Study	1	5,800.00	5,800.00
<p>*****BASED ON THE RESULTS OF A BOOKKEEPING AUDIT, IT WAS FOUND THAT THESE EXPENSES HAD NOT BEEN INVOICED TO Illinois AYERS OIL COMPANY PREVIOUSLY DUE TO AN ACCOUNTING ERROR. THE CURRENT INVOICING SOFTWARE WOULD NOT ALLOW ENTRY OF THE ACTUAL SERVICE DATE DURING INVOICE CREATION, SO THE DATE OF SERVICE WAS WRITTEN IN MANUALLY AFTER THE INVOICE WAS GENERATED*****</p>					
Total					\$5,800.00

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield IL 62703
Phone: 217-522-4085

Invoice Number: 09-02424
Invoice Date: 01/20/09
Amount Due: \$1,623.80
Billing Period: 01/01/09 - 01/31/09
Terms: Net 30

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

Project ID: #991372
Project Name: #991372-CA/430 Stanford

INVOICE

Date	Staff Member	Description	Hours	Rate	Amount
01/22/09	Judi Miles	J. Miles/Sr. Admin. Asst.	2.00	\$47.64	\$95.28
		HP EXTENT-PAY:COPY, SCAN AND DISTRIBUTE TOTAL:	2.00		\$95.28
01/07/09	Sheri Cockrum	S. Cockrum/ Sr. Acct. Tech	2.50	\$58.23	\$145.57
01/08/09	Sheri Cockrum	S. Cockrum/ Sr. Acct. Tech	1.00	\$58.23	\$58.23
01/12/09	Sheri Cockrum	S. Cockrum/ Sr. Acct. Tech	2.75	\$58.23	\$160.13
01/13/09	Sheri Cockrum	S. Cockrum/ Sr. Acct. Tech	2.50	\$58.23	\$145.57
01/14/09	Sheri Cockrum	S. Cockrum/ Sr. Acct. Tech	2.00	\$58.23	\$116.46
01/15/09	Sheri Cockrum	S. Cockrum/ Sr. Acct. Tech	3.00	\$58.23	\$174.69
01/19/09	Sheri Cockrum	S. Cockrum/ Sr. Acct. Tech	3.00	\$58.23	\$174.69
01/20/09	Sheri Cockrum	S. Cockrum/ Sr. Acct. Tech	5.50	\$58.23	\$320.26
		HP EXTENT-PAY:DRAFT LUST REIMBURSEMENT CLAIM REQUEST TOTAL:	22.25		\$1,295.60
01/21/09	Cindy Davis	C. Davis/ Sr. Prof. Geologist	2.00	\$116.46	\$232.92
		HP EXTENT-PAY:REIMBURSEMENT P.G. OVERSIGHT & CERTIFICATION TOTAL:	2.00		\$232.92
TOTAL PROFESSIONAL FEES:			26.25		\$1,623.80

Amount Due (This Invoice): \$1,623.80

Please Remit Payment To: CSD Environmental Services, Inc., P. O. Box 20912, Springfield, IL 62708-0912

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield IL 62703
Phone: 217-522-4085

Invoice Number: 08-02407
Invoice Date: 12/31/08
Amount Due: \$63.52
Billing Period: 12/01/08 - 12/31/08
Terms: Net 30

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

Project ID: #991372
Project Name: #991372-CA/430 Stanford

INVOICE

Date	Staff Member	Description	Hours	Rate	Amount
11/07/08	Burt Bradley	CAD	1.00	\$63.52	\$63.52
TOTAL PROFESSIONAL FEES:			1.00		\$63.52

Amount Due (This Invoice): \$63.52

Please Remit Payment To: CSD Environmental Services, Inc., P. O. Box 20912, Springfield, IL 62708-0912



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276

THOMAS V. SKINNER, DIRECTOR

217/782-6762

MAY 15 2000

Illinois Ayers Oil Co.
Attn: Carl Adams, Jr.
P.O. Box 772
Quincy, Illinois 62306

Re: LPC #1671203337 -- Sangamon County
Springfield/Illinois Ayers Oil Co. #14
430 Stanford Drive
LUST Incident No. 991372
LUST FISCAL FILE

Dear Mr. Adams:

The Illinois Environmental Protection Agency has completed the review of your application for payment from the Underground Storage Tank Fund for the above-referenced LUST incident pursuant to Section 57.8(a) of the Illinois Environmental Protection Act (Act), and 35 Ill. Adm. Code 732, Subpart F. This information is dated February 8, 2000 and was received by the Agency on April 13, 2000. The application for payment covers the period from October 1, 1999 to January 15, 2000. The amount requested is \$255,401.49.

The deductible amount for this claim is \$10,000.00 which was previously deducted from the billing submittal received by the Agency on September 8, 1999 for \$18,202.68.

On April 13, 2000, the Agency received your complete application for payment for this claim. As a result of the Agency's review of this application for payment, a voucher for \$255,401.49 will be prepared for submission to the Comptroller's Office for payment if funds become available based upon the date the Agency received your complete request for payment of this application for payment. Subsequent applications for payment which have been/are submitted will be processed based upon the date complete subsequent application for payment requests are received by the Agency.

This constitutes the Agency's final action with regard to the above application(s) for payment.

An underground storage tank owner or operator may appeal this final decision to the Illinois Pollution Control Board (Board) pursuant to Section 57.8(i) and Section 40 of the Illinois Environmental Protection Act. An owner or operator who seeks to appeal the Agency's decision

000464

Page 2

may, within 35 days after the notification of the final Agency decision, petition for a hearing before the Board; however, the 35-day period may be extended for a period of time not to exceed 90 days by written notice provided to the Board from the applicant and the Agency within the 35-day initial appeal period.

For information regarding the filing of an appeal, please contact:

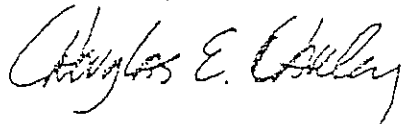
Dorothy Gunn, Clerk
Illinois Pollution Control Board
State of Illinois Center
100 West Randolph, Suite 11-500
Chicago, Illinois 60601
312/814-3620

For information regarding the filing of an extension, please contact:

Illinois Environmental Protection Agency
Division of Legal Counsel
1021 North Grand Avenue East
Springfield, Illinois 62794-9276
217/782-5544

If you have any questions or require further assistance, please contact Lieura Hackman of my staff at 217/782-6762.

Sincerely,



Douglas E. Oakley, Manager
LUST Claims Unit
Planning & Reporting Section
Bureau of Land

DEO:LH\mls\002253.WPD

cc: CSD Environmental Services, Inc.

Electronic Filing: Received, Clerk's Office 09/18/2024



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 - (217) 782-2829
JAMES R. THOMPSON CENTER, 100 WEST RANDOLPH, SUITE 11-300, CHICAGO, IL 60601 - (312) 814-6026

ROD R. BLAGOJEVICH, GOVERNOR

DOUGLAS P. SCOTT, DIRECTOR

217/782-6762

CERTIFIED MAIL

AUG 20 2008

7007 2560 0003 2093 6495

Illinois Ayers Oil Co.
Attn: Carl Adams Jr.
P.O. Box 772
Quincy, Illinois 62306

SCANNED

Re: LPC #1671203337 -- Sangamon County
Springfield/Illinois Ayers Oil Co.
430 Stanford Ave.
Leaking UST Incident No. 991372
Leaking UST Technical File

Dear Mr. Adams:

The Illinois Environmental Protection Agency (Illinois EPA) has reviewed the High Priority Corrective Action Plan (plan) submitted for the above-referenced incident. This plan, dated June 23, 2008, was received by the Illinois EPA on June 27, 2008. Citations in this letter are from the Environmental Protection Act (Act) in effect prior to June 24, 2002, and 35 Illinois Administrative Code (35 Ill. Adm. Code).

Pursuant to Section 57.7(c) of the Act and 35 Ill. Adm. Code 732.405(c), the plan is approved. The activities proposed in the plan are appropriate to demonstrate compliance with Title XVI of the Act and 35 Ill. Adm. Code 732. Please note that all activities associated with the remediation of this release proposed in the plan must be executed in accordance with all applicable regulatory and statutory requirements, including compliance with the proper permits.

In addition, the total budget for the High Priority Corrective Action Plan is approved for the amounts listed in Attachment A. Please note that the costs must be incurred in accordance with the approved plan. Be aware that the amount of payment from the Fund may be limited by Sections 57.8(e), 57.8(g) and 57.8(d) of the Act, as well as 35 Ill. Adm. Code 732.604, 732.606(s), and 732.611.

NOTE: Amended plans and/or budgets must be submitted and approved prior to the issuance of a No Further Remediation (NFR) Letter. Costs associated with a plan or budget that have not been approved prior to the issuance of an NFR Letter will not be paid.

Further, pursuant to 35 Ill. Adm. Code 732.112, 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

Page 2

activities; and the date, time, and place the activities will be conducted. This notification of field activities may be done by telephone, facsimile, or electronic mail.

All future correspondence must be submitted to:

Illinois Environmental Protection Agency
Bureau of Land - #24
Leaking Underground Storage Tank Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, IL 62794-9276

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

If you have any questions or need further assistance, please contact Clayton Bloome at 217/524-1288.

Sincerely,



Michael T. Lowder
Unit Manager
Leaking Underground Storage Tank Section
Division of Remediation Management
Bureau of Land

MTL:CTB:C\

Attachment: Attachment A

c: Joseph W. Truesdale, CSD Environmental Services, Inc.
Leaking UST Claims Unit
BOL File

Attachment A

Re: LPC #1671203337 -- Sangamon County
Springfield/Illinois Ayers Oil Co.
430 Stanford Ave.
Leaking UST Incident No. 991372
Leaking UST Technical File

The budget was previously approved for:

\$15,440.26	Investigation Costs
\$45,858.35	Analysis Costs
\$103,178.72	Personnel Costs
\$5,200.60	Equipment Costs
\$267,787.56	Field Purchases and Other Costs

As a result of review of the budget at-hand, the following amounts are approved:

\$3,623.00	Investigation Costs
\$5,448.33	Analysis Costs
\$31,344.16	Personnel Costs
\$1,345.90	Equipment Costs
\$474.70	Field Purchases and Other Costs

Therefore, the total cumulative budget is approved for:

\$19,063.26	Investigation Costs
\$51,306.68	Analysis Costs
\$134,522.88	Personnel Costs
\$6,546.50	Equipment Costs
\$268,262.26	Field Purchases and Other Costs

Handling charges will be determined at the time a billing package is reviewed by the Illinois EPA. The amount of allowable handling charges will be determined in accordance with Section 57.8(f) of the Environmental Protection Act (Act) and 35 Illinois Administrative Code (35 Ill. Adm. Code) 732.607.

CTB:C\



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 - (217) 782-3397
JAMES R. THOMPSON CENTER, 100 WEST RANDOLPH, SUITE 11-300, CHICAGO, IL 60601 - (312) 814-6026

ROD R. BLAGOJEVICH, GOVERNOR

DOUGLAS P. SCOTT, DIRECTOR

217/782-6762

CERTIFIED MAIL

MAR 06 2007

7004 2510 0001 8590 9199

Illinois Ayers Oil Co.
Attn: Carl Adams Jr.
P.O. Box 772
Quincy, Illinois 62306

Re: LPC #1671203337 -- Sangamon County
Springfield/Illinois Ayers Oil Co.
430 Stanford Ave.
Leaking UST Incident No. 991372
Leaking UST Technical File

Dear Mr. Adams:

The Illinois Environmental Protection Agency (Illinois EPA) has reviewed the High Priority Corrective Action Plan (plan) submitted for the above-referenced incident. This plan, dated November 30, 2006, was received by the Illinois EPA on December 22, 2006. Citations in this letter are from the Environmental Protection Act (Act) in effect prior to June 24, 2002, and 35 Illinois Administrative Code (35 Ill. Adm. Code).

Pursuant to Section 57.7(c) of the Act and 35 Ill. Adm. Code 732.405(c), the plan is approved. The activities proposed in the plan are appropriate to demonstrate compliance with Title XVI of the Act and 35 Ill. Adm. Code 732. Please note that all activities associated with the remediation of this release proposed in the plan must be executed in accordance with all applicable regulatory and statutory requirements, including compliance with the proper permits.

In addition, the budget for the High Priority Corrective Action Plan is modified pursuant to Section 57.7(c) of the Act and 35 Ill. Adm. Code 732.405(c). Based on the modifications listed in Section 2 of Attachment A, the amounts listed in Section 1 of Attachment A are approved. Please note that the costs must be incurred in accordance with the approved plan. Be aware that the amount of payment from the Fund may be limited by Sections 57.8(e), 57.8(g) and 57.8(d) of the Act, as well as 35 Ill. Adm. Code 732.604, 732.606(s), and 732.611.

Please note that, if the owner or operator agrees with the Illinois EPA's modifications, submittal of an amended plan and/or budget, if applicable, is not required (Section 57.7(c) of the Act). Additionally, pursuant to Section 57.8(a)(5) of the Act and 35 Ill. Adm. Code 732.405(e), if payment from the Fund will be sought for any additional costs that may be incurred as a result of the Illinois EPA's modifications, an amended budget must be submitted.

Page 2

NOTE: Amended plans and/or budgets must be submitted and approved prior to the issuance of a No Further Remediation (NFR) Letter. Costs associated with a plan or budget that have not been approved prior to the issuance of an NFR Letter will not be paid.

Further, pursuant to 35 Ill. Adm. Code 732.112, 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. This notification of field activities may be done by telephone, facsimile, or electronic mail.

All future correspondence must be submitted to:

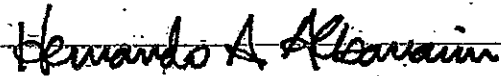
Illinois Environmental Protection Agency
Bureau of Land - #24
Leaking Underground Storage Tank Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, IL 62794-9276

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

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 Clayton Bloome at 217/524-1288.

Sincerely,



Hernando A. Albarracin
Unit Manager
Leaking Underground Storage Tank Section
Division of Remediation Management
Bureau of Land

HAA:CTB\

Attachment: A

cc: Joseph W. Truesdale, CSD Environmental Services, Inc.
BOL File

Attachment A

Re: LPC #1671203337 -- Sangamon County
Springfield/Illinois Ayers Oil Co.
430 Stanford Ave.
Leaking UST Incident No. 991372
Leaking UST Technical File

SECTION 1

The budget was previously approved for:

\$11,547.60	Investigation Costs
\$41,460.00	Analysis Costs
\$53,590.00	Personnel Costs
\$4,325.00	Equipment Costs
\$218,127.92	Field Purchases and Other Costs
\$8,167.27	Handling Charges

As a result of review of the budget at-hand and the Illinois EPA's modification(s) in Section 2 of this attachment, the following amounts are approved:

\$3892.66	Investigation Costs
\$4398.35	Analysis Costs
\$49,588.72	Personnel Costs
\$875.60	Equipment Costs
\$49,659.64	Field Purchases and Other Costs

Therefore, the total cumulative budget is approved for:

\$15,440.26	Investigation Costs
\$45,858.35	Analysis Costs
\$103,178.72	Personnel Costs
\$5,200.60	Equipment Costs
\$267,787.56	Field Purchases and Other Costs

Handling charges will be determined at the time a billing package is reviewed by the Illinois EPA. The amount of allowable handling charges will be determined in accordance with Section 57.8(f) of the Environmental Protection Act (Act) and 35 Illinois Administrative Code (35 Ill. Adm. Code) 732.607.

SECTION 2

1. \$5098.40 for corrective action costs for Personnel Cost that are not reasonable as submitted. Such costs are ineligible for payment from the Fund pursuant to Section 57.7(c)(4)(C) of the Act and 35 Ill. Adm. Code 732.606(hh).

The investigation results and TACO evaluation should be submitted in the Corrective Action Completion Report.

2. The Excavation, Transportation, and Disposal rate has been reduced to \$77.00 per cubic yard. The costs exceed the maximum payment amounts set forth in Subpart H, Appendix D, and/or Appendix E of 35 Ill. Adm. Code 732. Such costs are ineligible for payment from the Fund pursuant to 35 Ill. Adm. Code 732.606(ccc). In addition, such costs are not approved pursuant to Section 57.7(c)(4)(C) of the Act because they are not reasonable.

Based upon the above deduction, a total of \$ 222.36 was deducted from Field Purchases and Other Costs.

CTBA

Appeal Rights

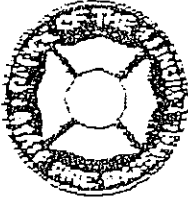
An underground storage tank owner or operator may appeal this final decision to the Illinois Pollution Control Board pursuant to Sections 40 and 57.7(c)(4) of the Act by filing a petition for a hearing within 35 days after the date of issuance of the final decision. However, the 35-day period may be extended for a period of time 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:

Dorothy Gunn, Clerk
Illinois Pollution Control Board
State of Illinois 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
Post Office Box 19276
Springfield, IL 62794-9276
217/782-5544



Office of the Illinois
State Fire Marshal

CERTIFIED MAIL - RECEIPT REQUESTED #C 082 408 981

July 23, 1999

Illinois Ayers Oil Company
P.O. Box 772
Quincy, IL 62306

In Re:

Facility No. 3-020797
IEMA Incident No. 99-1572
Ayerco Convenience Center #14
430 Stanford Avenue
Springfield, Sangamon Co., IL

Dear Applicant:

The Reimbursement Eligibility and Deductible Application received on July 13, 1999 for the above referenced occurrence has been reviewed. The following determinations have been made based upon this review.

It has been determined that you are eligible to seek payment of costs in excess of \$10,000. The costs must be in response to the occurrence referenced above and associated with the following tanks:

Eligible Tanks

- Tank 1 12,000 gallon Gasoline
- Tank 2 12,000 gallon Gasoline
- Tank 3 10,000 gallon Gasoline
- Tank 4 10,000 gallon Diesel

You must contact the Illinois Environmental Protection Agency to receive a packet of Agency billing forms for submitting your request for payment.

An owner or operator is eligible to access the Underground Storage Tank Fund if the eligibility requirements are satisfied:

1. Neither the owner nor the operator is the United States Government.
2. The tank does not contain fuel that is exempt from the Motor Fuel Tax Law.
3. The costs were incurred as a result of a confirmed release of any of the following substances:

"Fuel", as defined in Section 1.19 of the Motor Fuel Tax Law

Aviation fuel

Heating oil

Kerosene

General Office
217-785-2665
FAX
217-785-1052
Divisions
ARSON INVESTIGATION
217-785-3118
BOILER AND PRESSURE
VESSEL SAFETY
217-785-2596
FIRE PREVENTION
217-785-4714
MANAGEMENT SERVICES
217-785-6889
INFRA
217-785-3823
HUMAN RESOURCES
217-785-1025
PERSONNEL STANDARDS
AND EDUCATION
217-785-4542
PETROLEUM AND
CHEMICAL SAFETY
217-785-4873
PUBLIC INFORMATION
217-785-1021
WEB SITE
www.sfm.il.gov

Used oil, which has been refined from crude oil used in a motor vehicle, as defined in Section 1.13 of the Motor Fuel Tax Law.

4. The owner or operator registered the tank and paid all fees in accordance with the statutory and regulatory requirements of the Gasoline Storage Act.
5. The owner or operator notified the Illinois Emergency Management Agency of a confirmed release, the costs were incurred after the notification and the costs were a result of a release of a substance listed in this Section. Costs of corrective action or indemnification incurred before providing that notification shall not be eligible for payment. --
6. The costs have not already been paid to the owner or operator under a private insurance policy, other written agreement, or court order.
7. The costs were associated with "corrective action".

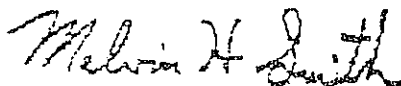
This constitutes the final decision as it relates to your eligibility and deductibility. We reserve the right to change the deductible determination should additional information that would change the determination become available. An underground storage tank owner or operator may appeal the decision to the Illinois Pollution Control Board (Board), pursuant to Section 57.9 (c)(2). An owner or operator who seeks to appeal the decision shall file a petition for a hearing before the Board within 35 days of the date of mailing of the final decision. (35 Illinois Administrative Code 105.102(a)(2)).

For information regarding the filing of an appeal, please contact:

Dorothy Gunn, Clerk
Illinois Pollution Control Board
State of Illinois Center
100 West Randolph, Suite 11-500
Chicago, Illinois 60601
(312) 814-3620

If you have any questions regarding the eligibility or deductibility determinations, please contact our Office at (217) 785-1020 or (217) 785-3873.

Sincerely,



Melvin H. Smith
Division Director
Division of Petroleum and Chemical Safety

MHS:dl

cc: EPA
Facility File

Women and Minority Business Enterprises Form

The Illinois EPA is required to report State and Federal funds paid to Women Business Enterprises (WBE) and Minority Business Enterprises (MBE). Therefore, please provide the required information for all Prime Consultants/Contractors and Subcontractors used to perform the work for this billing:

Name of Leaking UST site: Illinois Ayers Oil Company (Ayerco #14) Incident No.: 991372

The work for this billing was performed from December 16, 1999 to January 22, 2009

Prime Consultant: CSD Environmental Services, Inc.

FIRM'S NAME, ADDRESS, AND TELEPHONE NUMBER	IS THIS FIRM A WBE OR MBE?	IF WBE OR MBE, WHAT IS ITS STATE OF ILLINOIS VENDOR NUMBER?	AMOUNT PAID OR DUE THIS BILLING (\$)
CSD Environmental Services, Inc. 2220 Yale Boulevard Springfield, Illinois 62703 (217) 522-4085	WBE	37-1341081	21,368.24
Heartland Drilling and Remediation 437 West Hoecheater Springfield, Illinois 62707 (217) 528-6812	WBE	37-1407764	6,485.39
TMI Analytical Services, Inc. 2110 Republic St Springfield, Illinois 62702-1851 (217)698-0642	NO		5,581.92

BILLING TOTAL \$ 33,435.55

The Illinois EPA is authorized to request this information under the Environmental Protection Act, 415 ILCS 5/1 et seq. (formerly Ill. Rev. Stat. Ch 111-1/2, 1001 et seq.). Disclosure of this information is required. Failure to properly complete this form in its entirety may result in the delay or denial of any payment requested hereunder. This form has been approved by the Forms Management Center.

Private Insurance Coverage Questionnaire

This form must be completed in full by all owners or operators, or their authorized representatives, that have a claim for payment from the State of Illinois Underground Storage Tank Fund for the labor, materials, overhead, and profit costs related to the investigation and/or remediation of a Leaking UST site.

1. Site Name: Illinois Ayers Oil Company, Inc. (Ayerco #14)
Address: 430 Stanford
City: Springfield State: IL Zip: 62703

2. Name of insurance company providing coverage for this Leaking UST site:
NONE

3. Amount of coverage provided: \$.00

4. Have you or your firm filed a claim against your insurance company for this Leaking UST site?
Yes No
a. If yes, how much is the claim? \$ _____
b. If no, explain why. No private insurance coverage

5. Have you or your firm received payment for a claim against your insurance company for this Leaking UST site?
Yes No
a. If yes, how much and when? \$ _____
Date: _____
b. If no, explain why. No private insurance coverage

6. Are you going to file a claim against your insurance policy?
Yes No
a. If yes, how much and when? \$ _____
Date: _____
b. If no, explain why. No private insurance coverage

This Illinois EPA is authorized to request this information under the Environmental Protection Act, 415 ILCS 5/1 et seq. (formerly Ill. Rev. Stat. Ch 111-1/2, 1001 et seq.). Disclosure of this information is required. Failure to properly complete this form in its entirety may result in the delay or denial of any payment requested hereunder. This form has been approved by the Forms Management Center.

Private Insurance Affidavit

I, Carl Adams, Jr., a duly authorized representative of Illinois Ayers Oil Company, Inc.,
(owner/operator or firm's name)

hereby certify that Ayerco #14 (does, does not) does not have private
(owner/operator or firm's name) (choose one)

insurance coverage for all or part of the costs related to claim for payment of Illinois Ayers Oil Company, Inc.
(owner or firm's name)

investigation or remediation costs for work performed at Ayerco #14 located at
(site name)

430 Stanford Avenue, Springfield, IL. 62703
(address)

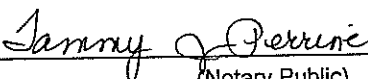
I, Carl Adams, Jr., President of Illinois Ayers Oil Company, Inc.,
(name) (title) (owner/operator or firm's name)

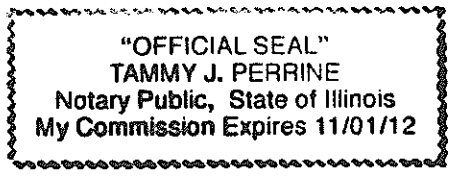
certify that, as of this date, the above information is accurate and complete. Furthermore, I also agree to reimburse the Illinois EPA for any overpayment made by my private insurance company in excess of the deductible amount for each site.

Owner/Operator: Carl Adams, Jr. Title: President

Signature:  Date: 1/26/09

Subscribed and sworn to before me the 26th day of January, 2009.

 Seal:
(Notary Public)



The Illinois EPA is authorized to require this information under 415 ILCS 5/1. Disclosure of this information is required. Failure to do so may result in the delay or denial of any budget or payment requested hereunder. This form has been approved by the Forms Management Center.

Federal Taxpayer Identification Number and Legal Status Disclosure Certification Requirements

In order to comply with requirements mandated by Internal Revenue Service rules and regulations, the tank owner or operator must complete the section entitled TAXPAYER IDENTIFICATION NUMBER AND LEGAL STATUS DISCLOSURE CERTIFICATION below.

Enter your taxpayer identification number (TIN) in the appropriate space. For individuals and sole proprietors, this is your social security number. For other entities, it is your employer identification number. Federal Employer Identification Numbers (FEINs) must not be used for sole proprietorships.

If you do not have a TIN, apply for one immediately. To apply, get Form SS-5, Application for a Social Security Number Card (for individuals), from your local office of the Social Security Administration, or Form SS-4, Application for Employer Identification Number (for businesses and all other entities), from your local Internal Revenue Service office.

To complete the certification if you do not have a TIN, fill out the certification including that a TIN has been applied for, sign and date the form, and return it to the Illinois EPA. As soon as you receive your TIN, fill out another such form including your TIN, sign and date the form, and send it to the Illinois EPA.

If you fail to furnish your correct TIN to the Illinois EPA, you are subject to an IRS penalty of \$50.00 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

WILLFULLY FALSIFYING CERTIFICATIONS OR AFFIRMATIONS MAY SUBJECT YOU TO CRIMINAL PENALTIES INCLUDING FINES AND/OR IMPRISONMENT.

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Please return the completed form to the Illinois EPA, Bureau of Land, Leaking UST Claims Unit, 19276, Springfield, Illinois 62794-9276.

EPA/BOL

TAXPAYER IDENTIFICATION NUMBER AND LEGAL STATUS DISCLOSURE CERTIFICATION.

Under penalties of perjury, I certify that the FEIN or Social Security Number indicated below is my correct Federal Taxpayer Identification Number. I am doing business as a (please check one):

- Individual
- Partnership
- Corporation
- Trust or Estate
- Sole Proprietorship
- Governmental Entity
- Tax Exempt Organization
- (IRC 501(a) only)
- Real Estate Agent
- Not-for-Profit Corporation
- Medical & Health Care
- Services Provider Corporation

37-0860487
Taxpayer Identification Number


Signature

1/26/09
Date

Illinois Ayers Oil Company, Inc.
Name of Firm (Please print or type)

If you have a change of address, [click here](#) to print off a W-9 Form.

Note: Original signature required

The Illinois EPA is authorized to request this information under the Environmental Protection Act, 415 ILCS 5/1 et seq. (formerly Ill. Rev. Stat. Ch 111-1/2, 1001 et seq.). Disclosure of this information is required. Failure to properly complete this form in its entirety may result in the delay or denial of any payment requested hereunder. This form has been approved by the Forms Management Center.

Form **W-9**
(Rev. October 2007)
Department of the Treasury
Internal Revenue Service

**Request for Taxpayer
Identification Number and Certification**

Give form to the requester. Do not send to the IRS.

Print or type
See Specific Instructions on page 2.

Name (as shown on your income tax return)
Illinois Ayers Oil Company, Inc.

Business name, if different from above

Check appropriate box: Individual/Sole proprietor Corporation Partnership
 Limited liability company. Enter the tax classification (D=disregarded entity, C=corporation, P=partnership) ▶ Exempt payee
 Other (see instructions) ▶

Address (number, street, and apt. or suite no.)
c/o CSD Environmental Services, Inc., PO Box 20912

City, state, and ZIP code
Springfield, IL. 62708-0912

Requester's name and address (optional)

List account number(s) here (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on Line 1 to avoid backup withholding. For individuals, this is your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Social security number
or
Employer identification number
37 0860487

Note. If the account is in more than one name, see the chart on page 4 for guidelines on whose number to enter.

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding, and
- I am a U.S. citizen or other U.S. person (defined below).

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the Certification, but you must provide your correct TIN. See the instructions on page 4.

Sign Here

Signature of U.S. person ▶

Date ▶

1/26/09

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Purpose of Form

A person who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) to report, for example, income paid to you, real estate transactions, mortgage interest you paid, acquisition or abandonment of secured property, cancellation of debt, or contributions you made to an IRA.

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN to the person requesting it (the requester) and, when applicable, to:

- Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
- Certify that you are not subject to backup withholding, or
- Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income.

Note. If a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien,
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States,
- An estate (other than a foreign estate), or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax on any foreign partners' share of income from such business. Further, in certain cases where a Form W-9 has not been received, a partnership is required to presume that a partner is a foreign person, and pay the withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid withholding on your share of partnership income.

The person who gives Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States is in the following cases:

- The U.S. owner of a disregarded entity and not the entity,

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IEMA No. 991372

H. EQUIPMENT COSTS

All equipment used must be listed below in a time and materials format. **Handling charges should not be added here; use Section J.**

Equipment	Own or Rent?	Time Used	Unit Rate	Total Cost/Item
Well Development	Own	3	\$ 140.00	\$ 420.00 ✓
Purge and Trap Samplers	Own	6	\$ 10.50	\$ 63.00 ✓
PID	Own	2	\$ 100.00	\$ 200.00 ✓
Water Level Indicator	Own	3	\$ 25.00	\$ 75.00 ✓
Truck	Own	4	\$ 60.00	\$ 240.00 ✓
Bailers	Own	15	\$ 15.00	\$ 225.00 ✓
Survey Equipment	Own	2	\$ 125.00	\$ 250.00 ✓
Purge and Trap Samplers	Own	4	\$ 10.90	\$ 43.60 ✓
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
Subtotal Page H-1				\$ 1,516.60 ✓

This form must be submitted in duplicate.

Equipment	Own or Rent?	Time Used	Unit Rate	Total Cost/Item
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
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				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
				\$ -
Subtotal Page H-2				\$ -
Total (Page H-1 & H-2)				\$ 1,516.60



I. FIELD PURCHASES AND OTHER COSTS

All field purchases must be listed below in a time and materials format. Handling charges must not be added here; use Section J, Handling Charges to calculate the handling charges.

Field Purchases	Quantity	Price/Item	Total Cost	Do Handling Charges Apply?
United Parcel Service	1	\$ 4.20	\$ 4.20	No
Biofeasibility Study	1	\$ 5,800.00	\$ 5,800.00	No
Postmaster (certified mail)	1	\$ 6.24	\$ 6.24	No
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	
Subtotal Page I-1:			\$ 5,810.44	✓

Other Costs - A listing and description of all other costs which will be/were incurred and are not specifically listed on this form should be attached. The listing should include a cost breakdown in a time and materials format.

Other Costs	Quantity	Price/Item	Total Costs	Do Handling Charges Apply?
			\$ -	
			\$ -	
			\$ -	
			\$ -	
			\$ -	

TOTAL OTHER COSTS = \$ -

Subtotal Page I-1	\$	5,810.44
Total Pages I-1 and I-2	\$	5,810.44



J. HANDLING CHARGES

Handling charges are eligible for payment on subcontractor billings and/or field purchases only if they are equal to or less than the amounts determined by the following table:

Subcontractor or Field Purchase Cost	Eligible Handling Charges as a Percentage of Cost
\$1 - \$5,000	12%
\$5,001 - \$15,000	\$600 + 10% of amt. Over \$5,000
\$15,001 - \$50,000	\$1,600 + 8% of amt. Over \$15,000
\$50,001 - \$100,000	\$4,400 + 5% of amt. Over \$50,000
\$100,001 - \$1,000,000	\$6,900 + 2% of amt. Over \$100,000

A. Subcontractor Charges

Subcontractor	Section in these Forms where Cost is Listed	Subcontract Amount
Heartland Drilling #456	Drilling	\$ 2,147.15
Heartland Drilling #467	Drilling	\$ 1,338.24
		\$ -
		\$ -
		\$ -
Subtotal J-1 Subtotal:		\$ 3,485.39

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield 62703
Phone: 217-522-4085

Invoice Number: 07-01001
Invoice Date: 10/31/07
Amount Due: \$12,386.44
Billing Period: 10/01/07 - 10/31/07
Terms:

NOV 20 2007

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

Project ID: #991372
Project Name: #991372-CA/430 Stanford

INVOICE

Date	Staff Member	Description	Hours	Rate	Amount
10/31/07	Shane Thorpe	LUST: S. Thorpe/Sr. Project Manager	2.00	\$106.87	\$211.74
		HP EXTENT-BUDGET:BUDGET TRACKING TOTAL:	2.00		\$211.74
10/12/07	Eric Ihnen	LUST: E Ihnen/ Scientist II	0.50	\$68.82	\$34.41
10/23/07	Eric Ihnen	LUST: E Ihnen/ Scientist II	1.50	\$68.82	\$103.23
10/23/07	James Doerfler	LUST: J. Doerfler - Scientist II	1.50	\$68.82	\$103.23
		HP EXTENT-FIELD:GUAGING WATER LEVEL AND SAMPLING MW TOTAL:	3.50		\$240.87
10/23/07	James Doerfler	LUST: J. Doerfler - Scientist II	0.75	\$68.82	\$51.61
		HP EXTENT-FIELD:PREPARE SAMPLES FOR SHIPPING, DELIVER TO SHIPPING SITE TOTAL:	0.75		\$51.61
10/22/07	James Doerfler	LUST: J. Doerfler - Scientist II	0.50	\$68.82	\$34.41
10/23/07	Eric Ihnen	LUST: E Ihnen/ Scientist II	0.50	\$68.82	\$34.41
		HP EXTENT-FIELD:SAMPLE CONTAINERS, LABELS, CERTS, COC TOTAL:	1.00		\$68.82
10/09/07	Brandon Hargrave	LUST:B Hargrave/Geologist III	0.50	\$93.17	\$46.59
10/11/07	Brandon Hargrave	LUST:B Hargrave/Geologist III	3.50	\$93.17	\$326.10
		HP EXTENT-FIELD:SOIL BOIRNG/MW INSTALLATION OVERSIGHT AND SOIL SAMPLING TOTAL	4.00		\$372.69
10/02/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
10/05/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
10/23/07	James Doerfler	LUST: J. Doerfler - Scientist II	0.25	\$68.82	\$17.20
10/29/07	James Doerfler	LUST: J. Doerfler - Scientist II	0.25	\$68.82	\$17.20
		HP EXTENT-OTHER:OTHER TASKS NOT DESCRIBED, MUST USE NOTES TOTAL:	1.00		\$103.22
10/02/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
		HP EXTENT-PAY:REIMBURSEMENT P.G. OVERSIGHT & CERTIFICATION TOTAL:	0.25		\$34.41
10/31/07	Sheri Cockrum	LUST:S. Cockrum/Sr. Acct. Tech	1.00	\$58.23	\$58.23
		HP EXTENT-PLAN:COPY, SCAN AND DISTRIBUTE TOTAL:	1.00		\$58.23
10/16/07	Burt Bradley	LUST:B Bradley/Sr. Cad Tech	1.50	\$63.52	\$95.28
		HP EXTENT-PLAN:PREPARE CAD MAPS TOTAL:	1.50		\$95.28
10/17/07	James Doerfler	LUST: J. Doerfler - Scientist II	4.50	\$68.82	\$309.69
10/18/07	James Doerfler	LUST: J. Doerfler - Scientist II	7.25	\$68.82	\$498.94
10/19/07	James Doerfler	LUST: J. Doerfler - Scientist II	6.75	\$68.82	\$464.53
10/22/07	James Doerfler	LUST: J. Doerfler - Scientist II	6.50	\$68.82	\$447.33
		HP EXTENT-PLAN:PREPARE PLAN TOTAL:	25.00		\$1,720.49
10/04/07	Shane Thorpe	LUST: S. Thorpe/Sr. Project Manager	0.50	\$106.87	\$52.94
10/04/07	James Doerfler	LUST: J. Doerfler - Scientist II	3.00	\$68.82	\$206.46
10/10/07	James Doerfler	LUST: J. Doerfler - Scientist II	4.50	\$68.82	\$309.69
		HP EXTENT-PLAN:TABULATE AND EVALUATE ANALYTICAL LAB DATA TOTAL:	8.00		\$569.09

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield 62703
Phone: 217-522-4085

Invoice Number: 07-01001
Invoice Date: 10/31/07
Amount Due: \$12,386.44
Billing Period: 10/01/07 - 10/31/07
Terms:

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

Project ID: #991372
Project Name: #991372-CA/430 Stanford

10/09/07	James Doerfler	LUST: J. Doerfler - Scientist II	3.75	\$68.82	\$258.07
10/12/07	James Doerfler	LUST: J. Doerfler - Scientist II	3.50	\$68.82	\$240.87
10/15/07	James Doerfler	LUST: J. Doerfler - Scientist II	2.75	\$68.82	\$189.25
10/16/07	James Doerfler	LUST: J. Doerfler - Scientist II	1.00	\$68.82	\$68.82
HP EXTENT-PLAN:TACO EVALUATION (IF NOT DONE PREVIOUSLY) TOTAL:			11.00		\$757.01
10/10/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	1.00	\$137.64	\$137.64
10/12/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	1.25	\$137.64	\$172.05
10/15/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.50	\$137.64	\$68.82
10/22/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.75	\$137.64	\$103.23
HP EXTENT-PLAN:TACO PE REVIEW TOTAL:			3.50		\$481.74

TOTAL PROFESSIONAL FEES: 62.50 ~~\$4,765.20~~ **\$2,589.98**

Date	Source	Description	Hours	Rate	Amount
10/04/07	TMI Analytical Service				\$2,436.10
10/08/07	Heartland Drilling & Re				\$3,486.40
10/08/07	TMI Analytical Service				\$1,197.50
10/08/07	United Parcel Service	General:Postage/Courrier			\$5.24
10/15/07	Shively Geotechnical, I				\$381.00
10/23/07	James Doerfler	Equipment:Truck	1.00	60.00	\$60.00
10/23/07	James Doerfler	Equipment:Water Level Indicator	1.00	25.00	\$25.00
10/23/07	James Doerfler	Equipment:Bailers	2.00	15.00	\$30.00
OTHER SERVICES TOTAL:					\$7,621.24

TOTAL REIMBURSABLE EXPENSES: ~~\$7,621.24~~

Amount Due (This Invoice): ~~\$12,386.44~~

\$ 2,589.98

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield 62703
Phone: 217-522-4085

Invoice Number: 07-01109
Invoice Date: 11/30/07
Amount Due: \$1,761.41
Billing Period: 11/01/07 - 11/30/07
Terms:

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

DEC 28 2007

Project ID: #991372
Project Name: #991372-CA/430 Stanford

INVOICE

Date	Staff Member	Description	Hours	Rate	Amount
10/15/07	Eric Ihnen	LUST: E Ihnen/ Scientist II	0.25	\$68.82	\$17.20
		HP EXTENT-FIELD:GUAGING WATER LEVEL AND SAMPLING MW TOTAL:	0.25		\$17.20
11/30/07	Eric Ihnen	LUST: E Ihnen/ Scientist II	1.50	\$68.82	\$103.23
11/30/07	James Doerfler	LUST: J. Doerfler - Scientist II	2.25	\$68.82	\$154.84
		HP EXTENT-OTHER:OTHER TASKS NOT DESCRIBED, MUST USE NOTES TOTAL:	3.75		\$258.07
11/14/07	Kathryn Filson	LUST:Filson/Adm I	0.25	\$26.47	\$6.62
		HP EXTENT-PAY:COPY, SCAN AND DISTRIBUTE TOTAL:	0.25		\$6.62
11/27/07	Sheri Gockrum	LUST:S. Gockrum/ Sr. Acct. Tech	2.50	\$58.23	\$145.57
		HP EXTENT-PAY:DRAFT LUST REIMBURSEMENT CLAIM REQUEST TOTAL:	2.50		\$145.57
11/27/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	1.00	\$137.04	\$137.04
11/28/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.25	\$137.04	\$34.41
		HP EXTENT-PAY:REIMBURSEMENT P.G. OVERSIGHT & CERTIFICATION TOTAL:	1.25		\$172.05
11/30/07	Burt Bradley	LUST:B Bradley/Sr. Cad Tech	1.00	\$63.52	\$63.52
		HP EXTENT-PLAN:PREPARE CAD MAPS TOTAL:	1.00		\$63.52
11/27/07	James Doerfler	LUST: J. Doerfler - Scientist II	1.50	\$68.82	\$103.23
		HP EXTENT-PLAN:PREPARE PLAN TOTAL:	1.50		\$103.23
11/28/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.50	\$137.64	\$68.82
11/30/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	1.00	\$137.64	\$137.64
		HP EXTENT-PLAN:REVIEW AND CERT BY PG OR PE TOTAL:	1.50		\$206.46
11/26/07	James Doerfler	LUST: J. Doerfler - Scientist II	0.50	\$68.82	\$34.41
11/27/07	James Doerfler	LUST: J. Doerfler - Scientist II	1.00	\$68.82	\$68.82
11/30/07	James Doerfler	LUST: J. Doerfler - Scientist II	1.00	\$68.82	\$68.82
		HP EXTENT-PLAN:TABULATE AND EVALUATE ANALYTICAL LAB DATA TOTAL:	2.50		\$172.05
11/08/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	1.00	\$137.64	\$137.64
		HP EXTENT-PLAN:TACO PE REVIEW TOTAL:	1.00		\$137.64

TOTAL PROFESSIONAL FEES:			15.50		\$1,282.41 \$940.97
Date	Source	Description	Hours	Rate	Amount
11/28/07	TMI Analytical Service				\$479.00
		OTHER SERVICES TOTAL:			\$479.00
TOTAL REIMBURSABLE EXPENSES:					\$479.00

Amount Due (This Invoice): ~~\$1,761.41~~
\$940.97

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield 62703
Phone: 217-522-4085

Invoice Number: 07-01109
Invoice Date: 11/30/07
Amount Due: \$1,761.41
Billing Period: 11/01/07 - 11/30/07
Terms:

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

Project ID: #991372
Project Name: #991372-CA/430 Stanford

CSD Environmental Services, Inc.

2220 Yale Boulevard
 Springfield 62703
 Phone: 217-522-4085

Invoice Number: 07-01195
 Invoice Date: 12/15/07
 Amount Due: \$176.25
 Billing Period: 12/01/07 - 12/15/07
 Terms:

Carl Adams
 Illinois Ayers Oil
 P. O. Box 772
 Hgwy 24 & Interstate 172
 Quincy, IL 62306

Project ID: #991372
 Project Name: #991372-CAJ430 Stanford

INVOICE

Date	Staff Member	Description	Hours	Rate	Amount
12/11/07	James Doerfler	LUST: J. Doerfler - Scientist II	1.00	\$68.82	\$68.82
		HP EXTENT-PLAN:PREPARE PLAN TOTAL:	1.00		\$68.82
12/11/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.75	\$137.64	\$103.23
		HP EXTENT-PLAN:REVIEW AND CERT BY PG OR PE TOTAL:	0.75		\$103.23
TOTAL PROFESSIONAL FEES:			1.75		\$172.05

Date	Source	Description	Hours	Rate	Amount
12/11/07	United Parcel Service	General:Postage/Courier			\$4.20
		OTHER SERVICES TOTAL:			\$4.20
TOTAL REIMBURSABLE EXPENSES:					\$4.20

Amount Due (This Invoice): \$176.25

JAN - 9 2008



Electronic Filing: Received, Clerk's Office 09/18/2024
Delivery Service Invoice

Invoice date **December 1, 2007**

Invoice number **00005E8939487**

Shipper number **5E8939**

Page 3 of 3

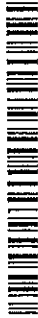
Outbound

UPS WorldShip

Pickup Date	Pickup Record	Message Codes	Number of Packages	Published Charge	Incentive Credit	Billed Charge
11/26	4827228814	Willardt - Mt Lion NP Extent	1	42.99	-4.30	38.69
11/27	4827228825	Hats Pit Stop - St 1	1	6.14		6.14
	4827228836	A & H - CA	1	5.67		5.67
11/29	4827228840	Ayres # 14	1	4.20		4.20
Total UPS WorldShip			4 Package(s)	59.00	-4.30	54.70
Total Outbound			4 Package(s)	59.00	-4.30	54.70

Fees

Week Ending Date	Unpaid Balance	Rate	Published Charge	Incentive Credit	Billed Charge
11/03	Late Payment Fee Pursuant to the UPS Tariff, a late payment fee has been assessed.	21.69	5.00 %	1.08	1.08
Total Fees			1.08		1.08



CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield IL 62703
Phone: 217-522-4085

Invoice Number: 07-01254
Invoice Date: 12/31/07
Amount Due: \$2,182.34
Billing Period: 12/16/07 - 12/31/07
Terms:

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

Project ID: #991372
Project Name: #991372-CA/430 Stanford

INVOICE

Date	Staff Member	Description	Hours	Rate	Amount
12/18/07	James Doerfler	LUST: J. Doerfler - Scientist II	3.00	\$68.82	\$206.46
12/19/07	James Doerfler	LUST: J. Doerfler - Scientist II	3.75	\$68.82	\$258.07
		HP EXTENT-BUDGET:PREPARE BUDGET TOTAL:	6.75		\$464.53
12/19/07	James Doerfler	LUST: J. Doerfler - Scientist II	2.25	\$68.82	\$154.84
		HP EXTENT-OTHER:OTHER TASKS NOT DESCRIBED, MUST USE NOTES TOTAL:	2.25		\$154.84
12/17/07	James Doerfler	LUST: J. Doerfler - Scientist II	3.75	\$68.82	\$258.07
12/18/07	James Doerfler	LUST: J. Doerfler - Scientist II	2.00	\$68.82	\$137.64
12/20/07	James Doerfler	LUST: J. Doerfler - Scientist II	2.00	\$68.82	\$137.64
12/21/07	James Doerfler	LUST: J. Doerfler - Scientist II	1.00	\$68.82	\$68.82
		HP EXTENT-PLAN:PREPARE PLAN TOTAL:	8.75		\$602.17
12/17/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.50	\$137.64	\$68.82
12/20/07	Joseph Truesdale	LUST:J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
		HP EXTENT-PLAN:REVIEW AND CERT BY PG OR PE TOTAL:	0.75		\$103.23
12/28/07	Shane Thorpe	LUST: S. Thorpe/Sr. Project Manager	3.00	\$105.87	\$317.61
12/31/07	Shane Thorpe	LUST: S. Thorpe/Sr. Project Manager	2.50	\$105.87	\$264.68
		HP EXTENT-PLAN:REVIEW AND QA/QC BY PM TOTAL:	5.50		\$582.29
12/20/07	James Doerfler	LUST: J. Doerfler - Scientist II	4.00	\$68.82	\$275.28
		HP EXTENT-PLAN:TABULATE AND EVALUATE ANALYTICAL LAB DATA TOTAL:	4.00		\$275.28
TOTAL PROFESSIONAL FEES:			28.00		\$2,182.34

Amount Due (This Invoice): \$2,182.34

JAN 17 2008

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield IL 62703
Phone: 217-522-4085

Invoice Number: 08-01352
Invoice Date: 01/31/08
Amount Due: \$741.11
Billing Period: 01/01/08 - 01/31/08
Terms: Net 30

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

Project ID: #991372
Project Name: #991372-CA/430 Stanford

INVOICE

Date	Staff Member	Description	Hours	Rate	Amount
01/07/08	James Doerfler	LUST: J. Doerfler - Scientist II	0.75	\$68.82	\$51.61
		HP EXTENT-BUDGET:PREPARE BUDGET TOTAL:	0.75		\$51.61
01/04/08	Burt Bradley	LUST:B Bradley/Sr. Cad Tech	1.00	\$63.52	\$63.52
		HP EXTENT-PLAN:PREPARE CAD MAPS TOTAL:	1.00		\$63.52
01/02/08	James Doerfler	LUST: J. Doerfler - Scientist II	4.25	\$68.82	\$292.48
01/07/08	James Doerfler	LUST: J. Doerfler - Scientist II	1.00	\$68.82	\$68.82
		HP EXTENT-PLAN:PREPARE PLAN TOTAL:	5.25		\$361.30
01/02/08	Shane Thorpe	LUST: S. Thorpe/Sr. Project Manager	0.50	\$105.87	\$52.94
01/07/08	Shane Thorpe	LUST: S. Thorpe/Sr. Project Manager	2.00	\$105.87	\$211.74
		HP EXTENT-PLAN:REVIEW AND QA/QC BY PM TOTAL:	2.50		\$264.68
TOTAL PROFESSIONAL FEES:			9.50		\$741.11

Amount Due (This Invoice): \$741.11

Please Remit Payment To: CSD Environmental Services, Inc., P. O. Box 20912, Springfield, IL 62708-0912

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield IL 62703
Phone: 217-522-4085

Invoice Number: 08-01533
Invoice Date: 03/31/08
Amount Due: \$292.48
Billing Period: 03/01/08 - 03/31/08
Terms: Net 30

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

Project ID: #991372
Project Name: #991372-CA/430 Stanford

INVOICE

Date	Staff Member	Description	Hours	Rate	Amount
03/26/08	Eric Ihnen	LUST-07/01/07: E Ihnen/ Scientist II	1.50	\$68.82	\$103.23
		HP EXTENT-PLAN:GROUNDWATER ELEVATION SUMMARY TABLE TOTAL:	1.50		\$103.23
03/26/08	Joseph Truesdale	LUST-07/01/07:J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
		HP EXTENT-PLAN:REVIEW AND CERT BY PG OR PE TOTAL:	0.25		\$34.41
03/25/08	Eric Ihnen	LUST-07/01/07: E Ihnen/ Scientist II	1.00	\$68.82	\$68.82
03/26/08	Eric Ihnen	LUST-07/01/07: E Ihnen/ Scientist II	0.75	\$68.82	\$51.61
		HP EXTENT-PLAN:TACO EVALUATION (IF NOT DONE PREVIOUSLY) TOTAL:	1.75		\$120.43
03/18/08	Joseph Truesdale	LUST-07/01/07:J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
		HP EXTENT-PLAN:TACO PE REVIEW TOTAL:	0.25		\$34.41
TOTAL PROFESSIONAL FEES:			3.75		\$292.48

Amount Due (This Invoice): \$292.48

Please Remit Payment To: CSD Environmental Services, Inc., P. O. Box 20912, Springfield, IL 62708-0912

APR 18 2008

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield IL 62703
Phone: 217-522-4085

Invoice Number: 08-01629
Invoice Date: 04/30/08
Amount Due: \$34.41
Billing Period: 04/01/08 - 04/30/08
Terms: Net 30

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

MAY 20 2008

Project ID: #991372
Project Name: #991372-CA/430 Stanford

INVOICE

Date	Staff Member	Description	Hours	Rate	Amount
04/16/08	Eric Ihnen	LUST-07/01/07: E Ihnen/ Scientist II	0.50	\$68.82	\$34.41
		HP EXTENT-PLAN:PREPARE PLAN TOTAL:	0.50		\$34.41
TOTAL PROFESSIONAL FEES:			0.50		\$34.41

Amount Due (This Invoice): \$34.41

Please Remit Payment To: CSD Environmental Services, Inc., P. O. Box 20912, Springfield, IL 62708-0912

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield IL 62703
Phone: 217-522-4085

Invoice Number: 08-01750
Invoice Date: 05/31/08
Amount Due: \$415.57
Billing Period: 05/01/08 - 05/31/08
Terms: Net 30

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

Project ID: #991372
Project Name: #991372-CA/430 Stanford

INVOICE

Date	Staff Member	Description	Hours	Rate	Amount
05/09/08	Shane Thorpe	LUST-07/01/07:S. Thorpe/Sr. Project Manager	0.50	\$105.87	\$52.94
05/16/08	Kathryn Filson	LUST-07/01/07:K. Filson/Adm I	2.00	\$26.47	\$52.94
		HP EXTENT-BUDGET:BUDGET TRACKING TOTAL:	2.50		\$105.88
05/06/08	Joseph Truesdale	LUST-07/01/07:J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
05/21/08	Joseph Truesdale	LUST-07/01/07:J. Truesdale/Sr. Prof Eng	0.50	\$137.64	\$68.82
		HP EXTENT-BUDGET:REVIEW AND CERT BY PE OR PG TOTAL:	0.75		\$103.23
05/06/08	Joseph Truesdale	LUST-07/01/07:J. Truesdale/Sr. Prof Eng	0.50	\$137.64	\$68.82
		HP EXTENT-PAY:REIMBURSEMENT P.G. OVERSIGHT & CERTIFICATION TOTAL:	0.50		\$68.82
05/21/08	Eric Ihnen	LUST-07/01/07: E Ihnen/ Scientist II	0.50	\$68.82	\$34.41
		HP EXTENT-PLAN:PREPARE PLAN TOTAL:	0.50		\$34.41
05/21/08	Joseph Truesdale	LUST-07/01/07:J. Truesdale/Sr. Prof Eng	0.50	\$137.64	\$68.82
05/27/08	Joseph Truesdale	LUST-07/01/07:J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
		HP EXTENT-PLAN:REVIEW AND CERT BY PG OR PE TOTAL:	0.75		\$103.23
TOTAL PROFESSIONAL FEES:			5.00		\$415.57

Amount Due (This Invoice): \$415.57

Please Remit Payment To: CSD Environmental Services, Inc., P. O. Box 20912, Springfield, IL 62708-0912

JUN 19 2008

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield IL 62703
Phone: 217-522-4085

Invoice Number: 08-01807
Invoice Date: 06/30/08
Amount Due: \$1,774.76
Billing Period: 06/01/08 - 06/30/08
Terms: Net 30

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

Project ID: #991372
Project Name: #991372-CA/430 Stanford

INVOICE

Date	Staff Member	Description	Hours	Rate	Amount
06/04/08	Joseph Truesdale	LUST-07/01/07:J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
06/05/08	Joseph Truesdale	LUST-07/01/07:J. Truesdale/Sr. Prof Eng	2.00	\$137.64	\$275.28
06/06/08	Joseph Truesdale	LUST-07/01/07:J. Truesdale/Sr. Prof Eng	0.75	\$137.64	\$103.23
06/12/08	Joseph Truesdale	LUST-07/01/07:J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
06/13/08	Joseph Truesdale	LUST-07/01/07:J. Truesdale/Sr. Prof Eng	1.00	\$137.64	\$137.64
06/23/08	Joseph Truesdale	LUST-07/01/07:J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
HP EXTENT-BUDGET:REVIEW AND CERT BY PE OR PG TOTAL:			4.50		\$619.38
06/05/08	Kathryn Filson	LUST-07/01/07:K. Filson/Adm I	1.00	\$26.47	\$26.47
06/06/08	Kathryn Filson	LUST-07/01/07:K. Filson/Adm I	0.50	\$26.47	\$13.23
06/10/08	Kathryn Filson	LUST-07/01/07:K. Filson/Adm I	2.00	\$26.47	\$52.94
06/12/08	Kathryn Filson	LUST-07/01/07:K. Filson/Adm I	4.00	\$26.47	\$105.88
06/13/08	Kathryn Filson	LUST-07/01/07:K. Filson/Adm I	0.25	\$26.47	\$6.62
06/16/08	Kathryn Filson	LUST-07/01/07:K. Filson/Adm I	1.00	\$26.47	\$26.47
06/18/08	Kathryn Filson	LUST-07/01/07:K. Filson/Adm I	1.50	\$26.47	\$39.70
HP EXTENT-PAY:DRAFT LUST REIMBURSEMENT CLAIM REQUEST TOTAL:			10.25		\$271.31
06/05/08	Joseph Truesdale	LUST-07/01/07:J. Truesdale/Sr. Prof Eng	0.50	\$137.64	\$68.82
06/12/08	Joseph Truesdale	LUST-07/01/07:J. Truesdale/Sr. Prof Eng	1.50	\$137.64	\$206.46
06/13/08	Joseph Truesdale	LUST-07/01/07:J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
06/30/08	Cindy Davis	LUST-07/01/07:C Davis/ Sr. Prof. Geologist	1.00	\$116.46	\$116.46
HP EXTENT-PAY:REIMBURSEMENT P.G. OVERSIGHT & CERTIFICATION TOTAL:			3.25		\$426.15
06/12/08	Shane Thorpe	LUST-07/01/07:S. Thorpe/Sr. Project Manager	0.50	\$105.87	\$52.94
HP EXTENT-PAY:REIMBURSEMENT REVIEW & QC / QA BY PM TOTAL:			0.50		\$52.94
06/06/08	James Doerfler	LUST-07/01/07:J. Doerfler - Scientist II	1.00	\$68.82	\$68.82
HP EXTENT-PLAN:ATTEND CLIENT MEETINGS; AGENCY/CLIENT CORRESPONDENCE TOTAL:			1.00		\$68.82
06/30/08	Kathryn Filson	LUST-07/01/07:K. Filson/Adm I	1.00	\$26.47	\$26.47
HP EXTENT-PLAN:COPY, SCAN AND DISTRIBUTE TOTAL:			1.00		\$26.47
06/04/08	Joseph Truesdale	LUST-07/01/07:J. Truesdale/Sr. Prof Eng	0.50	\$137.64	\$68.82
06/05/08	Joseph Truesdale	LUST-07/01/07:J. Truesdale/Sr. Prof Eng	1.50	\$137.64	\$206.46
06/23/08	Joseph Truesdale	LUST-07/01/07:J. Truesdale/Sr. Prof Eng	0.25	\$137.64	\$34.41
HP EXTENT-PLAN:REVIEW AND CERT BY PG OR PE TOTAL:			2.25		\$309.69
TOTAL PROFESSIONAL FEES:			22.75		\$1,774.76

Amount Due (This Invoice): \$1,774.76

AUG 18 2008

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield IL 62703
Phone: 217-522-4085

Invoice Number: 08-01807
Invoice Date: 06/30/08
Amount Due: \$1,774.76
Billing Period: 06/01/08 - 06/30/08
Terms: Net 30

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

Project ID: #991372
Project Name: #991372-CA/430 Stanford

Please Remit Payment To: CSD Environmental Services, Inc., P. O. Box 20912, Springfield, IL 62708-0912

CSD Environmental Services, Inc.

2220 Yale Boulevard
Springfield IL 62703
Phone: 217-522-4085

Invoice Number: 08-01958
Invoice Date: 07/31/08
Amount Due: \$33.09
Billing Period: 07/01/08 - 07/31/08
Terms: Net 30

Carl Adams
Illinois Ayers Oil
P. O. Box 772
Hwy 24 & Interstate 172
Quincy, IL 62306

Project ID: #991372
Project Name: #991372-CA/430 Stanford

INVOICE

Date	Staff Member	Description	Hours	Rate	Amount
07/03/08	Kathryn Filson	LUST-07/01/07:K. Filson/Adm I	1.00	\$26.47	\$26.47
		HP EXTENT-PAY: COPY, SCAN AND DISTRIBUTE TOTAL:	1.00		\$26.47
07/01/08	Kathryn Filson	LUST-07/01/07:K. Filson/Adm I	0.25	\$26.47	\$6.62
		HP EXTENT-PAY:DRAFT LUST REIMBURSEMENT CLAIM REQUEST TOTAL:	0.25		\$6.62
TOTAL PROFESSIONAL FEES:			1.25		\$33.09

Amount Due (This Invoice): \$33.09

Please Remit Payment To: CSD Environmental Services, Inc., P. O. Box 20912, Springfield, IL 62708-0912

Electronic Filing Received, Clerk's Office 09/18/2024

Reviewer: Catherine S. Elston Queue Date: 1/27/09 Initial Review Date: 5/8/09
Subject to Program: 732
LPC # & County: 1671203337 / Sangamon County PM: Bloome
Site Name: Springfield / Ayerco Convenience Center # 14
LUST Incident--Claim # 991372 - 56098 Billing Period: 12/16/99 to 1/22/09
Early Action: Site Class.: Low Priority: High Priority: XX
Free Product: Site Invest.: Corrective Action:

Amount requested for High Priority: 33,435.55

SUB TOTAL: \$33,435.55

Less: STANDARD DEDUCTIBLE: met

Less: DEDUCTIONS:

Investigation costs exceeded the approved budget (30.72)
Equipment costs exceeded the approved budget (35.70)
Handling charges on ineligible costs (3.69)

IEPA
Division of Records Management
Releasable

AUG 26 2024

Reviewer: MDB

SUMMARY DATE: 5/13/09 ORIGINAL Q-DATE:
NFR DATE:
OPT-IN DATE: Total Amount Due: \$33,365.44

Payee: Illinois Ayers Oil Company Facility: Ayerco Convenience Center # 14
Attention: CSD Environmental Services, Inc. Address: 430 Stanford Avenue
Address: PO Box 20912 City/State: Springfield
City/St./Zip: Springfield, IL. 62708 County: Sangamon

Electronic Filing: Received, Clerk's Office 09/18/2024

FILED

TO: John Sherrill
FROM: Catherine S. Elston

Initial Review Date: 5/8/09
Project Manager: Bloome
Subject to Program: 732
Sent to Tech:

LPC # & County: 1671203337 / Sangamon County
Site City & Name: Springfield / Ayerco Convenience Center # 14
Site Address: 430 Stanford Avenue
LUST Incident-Claim # 991372 - 56098
Queue Date: 1/27/2009
LUST / FISCAL FILE

The above referenced facility's consultants/contractors submission regarding invoices and billings has been reviewed.

The consultant/contractor in this billing package is: CSD Environmental Services

Queue Date: 1/27/09
Revised Queue Date:
120 Day Date: 5/27/09
Revised 120 Day Date:

IEMA: 6/8/99
OSFM:
F.P. Discovered:
E.A. Ext Date:
NFR Date:
Opt-In Date:
Opt-In as New Owner:
52 Days After IEMA: 7/30/99
Date of 45 Day Report: 7/20/99
45 Days After Free Product was Discovered:
Date of Site Class. Comp. Report: 11/9/99
Date of Site Invest. Comp. Report:
Or Stage of Site Invest. work being billed:

of Eligible Tanks: 4
Tank Pull:
Tank Size: 2 - 10,000 & 2 - 12,000
Planned:
Not Planned:

The Billing Period for this claim covers: 12/16/99 to 1/22/09

The Amount Requested in this billing package is: \$33,435.55

The Budget Amount Approved for this site is:

The Deductible Applied to this billing package is: met

Early Action: Site Class.: Low Priority: High Priority: XX
Free Product: Site Invest.: Corrective Action:

MANDATORY DOCUMENTS:

- X 1. Payment Certification Form.
X 2. Owner/Operator & Professional Engineer/Geologist Billing Certification Form.
X 3. Private Insurance Coverage Questionnaire & Affidavit Forms.
X 4. Federal Taxpayer Identification Number &/or W-9 Form(s):
X 5. Copy of OSFM Eligibility / Deductibility Letter.
X 6. Women / Minority Business Enterprise Form.

Approved LUST Budget/Billing Tracking Summary

Project Manager: Bloome

LUST Incident #: 991372
 LUST Site City & Name: Springfield/Illinois Ayerco #14
 Phase of Work being billed for: LP

SC XX HP
SI CA

APPROVED BUDGET AMOUNTS:

Budget Line Items	Approved Costs	Amendment #1	Amendment #2	Amendment #3	Amendment #4	Amendment #5	Approved Cumulative
Date of Approved Budget	4/7/00	3/6/07	8/20/08				
1. Investigative Costs:	11,547.60	3,892.66	3,623.00				\$19,063.26
2. Analysis Costs:	41,460.00	4,398.35	5,448.33				\$51,306.68
3. Personnel:	53,590.00	49,588.72	31,344.16				\$134,522.88
4. Equipment:	4,325.00	875.60	1,345.90				\$6,546.50
5. Field Purchases & Other:	224,217.82	49,659.64	474.70				\$274,352.16
6. Handling Charges:	8,289.07	6,220.59					\$14,509.66
Totals	\$343,429.49	\$114,635.56	\$42,236.09	\$0.00	\$0.00	\$0.00	\$500,301.14

handling tbd handling tbd

AMOUNTS PER CLAIM APPLIED TO APPROVED BUDGET LINES:

Billing Line Items	Billing #1	Billing #2	Billing #3	Billing #4	Billing #5	Billing #6
Date of Billing	4/13/00	5/15/00	4/10/01	6/7/05	3/19/07	11/28/07
1. Investigative Costs:	1,785.23	0.00	3,966.04	5,796.33	574.59	0.00
2. Analysis Costs:	1,501.60	660.00	2,936.00	3,664.00	3,404.50	0.00
3. Personnel:	27,656.25	11,171.25	9,118.50	5,644.00	0.00	43,306.98
4. Equipment:	2,055.00	0.00	900.60	390.00	630.00	0.00
5. Field Purchases & Other:	215,101.92	9,115.90	0.00	0.00	112.11	39,876.02
6. Handling Charges:	7,301.49	987.58	0.00	0.00	0.00	4,907.50
Totals	255,401.49	21,934.73	16,921.14	15,494.33	4,721.20	88,090.50

Billing Line Items	Billing #7	Billing #8	Billing #9	Billing #10	Billing #11	Billing #12	Billing Cumulative
Date of Billing	7/3/08	1/27/09					
1. Investigative Costs:	3,486.40	3,454.67					\$19,063.26
2. Analysis Costs:	4,493.60	5,581.92					\$22,241.62
3. Personnel:	6,089.58	16,622.95					\$119,609.51
4. Equipment:	1,090.00	1,480.90					\$6,546.50
5. Field Purchases & Other:	5.24	5,810.44					\$270,021.63
6. Handling Charges:	898.53	414.56					\$14,509.66
Totals	16,063.35	33,365.44	0.00	0.00	0.00	0.00	\$451,992.18

BILLING TO BUDGET DIFFERENTIALS:

Budget/Billing Line Items	Line Item Differences
1. Investigative Costs:	\$0.00
2. Analysis Costs:	\$29,065.06
3. Personnel:	\$14,913.37
4. Equipment:	\$0.00
5. Field Purchases & Other:	\$4,330.53
6. Handling Charges:	\$0.00

Electronic Filing: Received, Clerk's Office 09/18/2024

1/27/09

Billing 12/1/09 1/27/09
amt req \$ 33,435.55

Illinois Environmental Protection Agency
BOL - LUST Incident Tracking (L.I.T.)

HP

Incident # 991372 LPC #: 1671203337 IEMA Date: 6/8/1999

Site: Illinois Ayers Oil Co.
Street: 430 Stanford Ave.
City: Springfield State: IL Zip: 62703
County: Sangamon Latitude: 39.76679 Longitude: -89.65084

PRP: Illinois Ayers Oil Co.
Attn: Carl Adams Phone: 2174348662
Street: P.O. Box 772
City: Quincy State: IL Zip: 62306

Project Mgr: Bloome
Consultant: CSD Environmental Services
Subject to: 732 Opt-In Date: Site Class.: High
Products: Gasoline

Non-LUST Letter Date: 57.5(g) Letter Date:

20-Day Rpt.: 6/15/1999 45-Day Rpt.: 7/20/1999

NFR Date: Reissued: Recorded:
Reminder: Intent to Void: Rescission:
DLC for Void: Voided:

Alternative Technologies:
Transferred (Date/Program):
Selected 45-Day Report: Select Work Plan:
MTBE > 40 ppb in Groundwater: Early Action Extended to:
Right to Know Status: Reviewed-Not-Ref As of: 8/20/2008
Free Product Discovery Date

Comments: RL 10/15/99 approved 45 day report.
Tanks 2-10,000
2-12,000

\$ 10,000 deductible

Elig cost of \$4380.15 from 8/4/99 for \$4442.72. Bal of
\$ 5619.85 from 9/8/99 for \$ 18,202.68

**Illinois Environmental Protection Agency
BOL - LUST Incident Tracking (L.I.T.)**

Incident #	991372	LPC #:	1671203337	IEMA Date:	6/8/1999
------------	--------	--------	------------	------------	----------

TACO

On-Site	
<p><u>Barriers:</u></p> <input type="checkbox"/> Building/Structure <input type="checkbox"/> Pavement <input type="checkbox"/> Soil <input type="checkbox"/> Other <input type="text"/>	<p><u>Institutional Controls:</u></p> <input type="checkbox"/> Groundwater Use Restriction <input type="checkbox"/> Ordinance <input type="checkbox"/> Ind./Com. Land Use Restriction <input type="checkbox"/> Worker Caution <input type="checkbox"/> Other <input type="text"/>
Off-Site	
<p><u>ELUC:</u></p> <input type="checkbox"/> Groundwater Use Restriction <input type="checkbox"/> Ind./Com. Land Use Restriction <input type="checkbox"/> Engineered Barrier <input type="checkbox"/> Worker Caution <input type="checkbox"/> Soil Handling <input type="checkbox"/> Other <input type="text"/>	<p><u>Highway Authority Agreements:</u></p> <input type="checkbox"/> Highway Authority <input type="checkbox"/> Highway Authority MOA.

General Events

Date	Event Description
7/2/1999	Notice of Release Letter sent
9/20/1999	Review Letter sent
9/28/1999	45 Day Report Addendum received
10/15/1999	Review Letter sent

Title XVI Events

Title XVI Name	Received	Resp. Due	Dec.	Mailed
Site Classification Work Plan Budget	8/4/1999	12/2/1999	AOL	8/17/1999
Site Classification Work Plan	8/4/1999	12/2/1999	AOL	8/17/1999
Site Classification Completion Report	8/30/1999	12/28/1999	APR	11/9/1999
High Priority Corrective Action Plan Bu	12/10/1999	4/8/2000	APR	12/21/1999
High Priority Corrective Action Plan	12/10/1999	4/8/2000	MOD	12/21/1999
Amended Site Classification Budget	1/4/2000	5/3/2000	MOD	4/7/2000
Amended Site Classification Budget	2/9/2000	6/8/2000	APR	4/7/2000
Amended Site Classification Budget	5/4/2000	9/1/2000	APR	8/18/2000
High Priority Corrective Action Plan Bu	9/1/2000	12/30/2000	DEN	11/29/2000
High Priority Corrective Action Plan Bu	12/22/2006	4/21/2007	MOD	3/6/2007
High Priority Corrective Action Plan	12/22/2006	4/21/2007	APR	3/6/2007
High Priority Corrective Action Plan Bu	6/27/2008	10/25/2008	APR	8/20/2008

**Illinois Environmental Protection Agency
BOL - LUST Incident Tracking (L.I.T.)**

Incident # LPC #: IEMA Date:

Title XVI Name	Received	Resp. Due	Dec.	Mailed
High Priority Corrective Action Plan	6/27/2008	10/25/2008	APR	8/20/2008

Violations

Lust Claims Tracking System

Incident Number	991372	IEPA Number:	1671203337
Site:	ILLINOIS AYERS OIL CO.		
Owner:	ILLINOIS AYERS OIL CO.		
Status:	ELG	EPA/OSFM Approval:	7/23/1999
Deductible	\$10,000.00	OPT-IN Date:	
Closure Date:			
Comments			

Request Received	Status Code	Amount Requested	Amount Paid	Voucher Date	Deductible Applied
8/4/1999	INC	\$4,442.72	\$0.00		\$0.00
9/8/1999	VOP	\$18,202.68	\$11,838.13	1/14/2000	\$5,619.85
1/28/2000	VOP	\$46.79	\$46.79	5/16/2000	\$0.00
2/9/2000	VOP	\$255,401.49	\$255,401.49	6/19/2000	\$0.00
5/15/2000	VOP	\$58,197.75	\$21,934.73	9/22/2000	\$0.00
4/10/2001	VOP	\$17,904.27	\$16,921.14	7/31/2001	\$0.00
6/7/2005	VOP	\$22,685.37	\$15,494.33	5/15/2006	\$0.00
3/19/2007	VOP	\$54,885.49	\$4,721.20	9/15/2008	\$0.00
11/28/2007	LTR	\$88,090.50	\$88,090.50		\$0.00
7/3/2008	LTR	\$21,863.35	\$16,063.35		\$0.00
1/27/2009	NRE	\$33,435.55	\$0.00		\$0.00
		\$575,155.96	\$430,511.66		\$5,619.85

4380.15

10,000.00

Thursday, May 07, 2009

**QUEUE DATE TRACKING SHEET
LUST CLAIMS UNIT**

LPC # 1671203337
INCIDENT # 991372 -56098

QUEUE DATE: 1/27/2009 120-DAY DATE: 5/27/2009

SITE NAME: ILLINOIS AYERS OIL CO.

OWNER/ OPERATOR: ILLINOIS AYERS OIL CO.

CLASS CODE: HP PROGRAM: 732

AMOUNT REQUESTED: \$33,435.55

BILLING PERIOD FROM: 12/16/1999 TO: 1/22/2009

CONSULTANT: CSD ENVIRONMENTAL SERVICES, INC.

OPT-IN:

NFR:

SENT TO DIVISION FILE:

COMMENTS:



Electronic Filing: Received, Clerk's Office 09/18/2024

ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND-AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 - (217) 782-2829
JAMES R. THOMPSON CENTER, 100 WEST RANDOLPH, SUITE 11-300, CHICAGO, IL 60601 - (312) 814-6026

DOUGLAS P. SCOTT, DIRECTOR

217/782-6762

CERTIFIED MAIL #

MAY 15 2009

7008 1140 0004 7344 2869

Illinois Ayers Oil Company
Attention: CSD Environmental Services, Inc.
PO Box 20912
Springfield, Illinois 62708

IEPA
Division of Records Management
Releasable

Re: LPC #1671203337 -- Sangamon County
Springfield/Ayerco Convenience Center #14
430 Stanford Avenue
Incident-Claim No.: 991372 -- 56098
Queue Date: January 27, 2009
Leaking UST FISCAL FILE

AUG 26 2024

Reviewer: MDB

Dear Mr. Adams:

The Illinois Environmental Protection Agency has completed the review of your application for payment from the Underground Storage Tank Fund for the above-referenced Leaking UST incident pursuant to Section 57.8(a) of the Illinois Environmental Protection Act (Act), and 35 Ill. Adm. Code 732, Subpart F. This information is dated January 13, 2009 and was received by the Agency on January 27, 2009. The application for payment covers the period from December 16, 1999 to January 22, 2009. The amount requested is \$33,435.55.

The deductible amount for this claim is \$10,000.00. The eligible costs of \$4,380.15 from the claim received by the Agency on August 4, 1999 for \$4,442.72 were applied to the deductible. The balance of the deductible; \$5,619.85 was deducted from the claim received by the Agency on September 8, 1999 for \$18,202.68. Listed in Attachment A are the costs which are not being paid and the reasons these costs are not being paid.

On January 27, 2009, the Agency received your application for payment for this claim. As a result of the Agency's review of this application for payment, a voucher for \$33,365.44 will be prepared for submission to the Comptroller's Office for payment as funds become available based upon the date the Agency received your complete request for payment of this application for payment. Subsequent applications for payment that have been/are submitted will be processed based upon the date complete subsequent application for payment requests are received by the Agency. This constitutes the Agency's final action with regard to the above application(s) for payment.

Page 2

An underground storage tank owner or operator may appeal this final decision to the Illinois Pollution Control Board (Board) pursuant to Section 57.8(i) and Section 40 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 of time 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 applicant 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 request for an extension, please contact:

Illinois Environmental Protection Agency
Division of Legal Counsel
1021 North Grand Avenue East
Springfield, Illinois 62794-9276
217/782-5544

For information regarding the filing of an appeal, please contact:

Illinois Pollution Control Board, Clerk
State of Illinois Center
100 West Randolph, Suite 11-500
Chicago, Illinois 60601
312/814-3620

If you have any questions or require further assistance, please contact Catherine S. Elston of my staff at 217/782-6762.

Sincerely,



John Sherrill, Manager
Financial Management Unit
Bureau of Land

JS:CSE:bjh\092331.doc

Attachment

cc: CSD Environmental Services
LCU File
Cathy Elston

Attachment A
Accounting Deductions

Re: LPC #1671203337 -- Sangamon County
Springfield/Ayerco Convenience Center #14
430 Stanford Avenue
Incident-Claim No.: 991372 -- 56098
Queue Date: January 27, 2009
Leaking UST Fiscal File

Citations in this attachment are from the Environmental Protection Act (Act) in effect prior to June 24, 2002, and 35 Illinois Administrative Code (35 Ill. Adm. Code).

Item # Description of Deductions

1. \$66.42, deduction for costs associated with free product removal, site investigation or corrective action. The billings submitted exceed the approved budget amounts. The Illinois EPA is unable to approve billings that exceed the approved budget amounts pursuant to Section 57.8(a)(1) of the Act and 35 Ill. Adm. Code 732.601(g) and 732.606(m).

Investigation costs exceeded the approved budget - \$30.72

Equipment costs exceeded the approved budget - \$35.70

2. \$3.69, adjustment in the handling charges due to the deduction(s) of ineligible costs. Such costs are ineligible for payment from the Fund pursuant to Section 57.8(f) of the Act and 35 Ill. Adm. Code 732.607.

Handling charges on ineligible investigation costs.

JS:CSE:bjh\092332.doc

PEI Perry Environmental, Inc.

Environmental Consultants

1671203337 – Sangamon County
Illinois Ayers Oil Company
Incident # 991372
Leaking UST Technical File

December 28, 2022

Mohammed Rahman
Illinois Environmental Protection Agency
Leaking Underground Storage Tank Section
Bureau of Land #24
1021 North Grand Ave. East
P.O. Box 19276
Springfield, Illinois 62794-9276

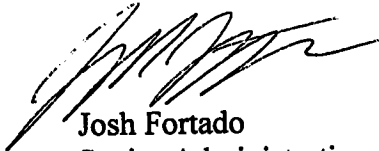
Re: LPC #1671203337 – Sangamon County
Springfield / Illinois Ayers Oil Company
430 Stanford Avenue
LUST Incident #991372

Dear Mohammed:

Enclosed is the Election to Proceed As Owner form and County Property Ownership record in regards to the above Leaking Underground Storage Tank (LUST) release. The property owner, Beeline Properties, LLC, is now becoming the UST Owner liable to close the above LUST incident. Please review and approve this Election to Proceed at your earliest convenience so the new owner can close this incident.

Thank you for your assistance. Should you have any questions or comments, please feel free to contact Mike Keebler at (217) 523-5446 or via email at mkeebler@perryenvironmental.net.

Sincerely,



Josh Fortado
Senior Administrative Assistant
Perry Environmental, Inc.

IEPA-DIVISION OF RECORDS MANAGEMENT
RELEASE

MAR 14 2023

REVIEWER: SAB

RECEIVED

JAN 04 2023

IEPA/BOL

2803 Old Rochester Road, Suite A • Springfield, Illinois 62703
Ph: (217) 523-5446



Illinois Environmental Proc

1671203337 – Sangamon County
Illinois Ayers Oil Company
Incident # 991372
Leaking UST Technical File

Bureau of Land • 1021 N. Grand Avenue E. • P.O. Box 19276 • S,

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 Election to Proceed as "Owner"

For additional information,
see the new fact sheet.

A. Site Identification

IEMA Incident # (6- or 8-digit): 991372 IEPA LPC # (10-digit): 1671203337
Site Name: Illinois Ayers Oil Co.
Site Address (Not a P.O. Box): 430 Stanford Avenue
City: Springfield County: Sangamon Zip Code: 62703

Leaking UST Technical File

B. Election

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

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

C. Signature

Person electing to proceed as "owner":

Name: Beeline Properties, LLC
Contact: Gour, R. Leshi
Address: 1728 Bull Elk Drive
City: Stephenville
State: Texas
Zip Code: 76401
Phone: 561-319-6356
Signature: [Handwritten Signature]
Date: 12/27/2022

RECEIVED

JAN 04 2023

IEPA/BOL

Property Tax

Sangamon County, Illinois



Selected Parcel: 22-09.0-280-012
Location: 430 E STANFORD AVE

Current Assessment 2022 Payable 2023

Name & Mailing Address BEELINE PROPERTIES LLC 1728 BULL ELK DR STEPHENVILLE, TX 76401-6058	Property Address 430 E STANFORD AVE SPRINGFIELD, IL 62703	Exemptions * None *
Class 60 IMPROVED COMMERCIAL	Legal Description L 7,8&9 B 40 EX HWY ON N &EX FORMER I.T. RR ROW ON S PAYNES S SIDE ADDN 6TH PLAT	
Status Active		
Tax Code A49	Non-Farm Acres 0.00 Farm Acres 0.00	
	Volume 3 Page 11	

Assessment Values

	Prior Year Board of Review Equalized	Assessor Changes	Board of Review Changes	Board of Review Equalized
Status	Active	Finalized	Not Finalized	Not Finalized
Class	IMPROVED COMMERCIAL	IMPROVED COMMERCIAL		
Tax Code	A49	A49		
Reason				
Non-Farm Land	18,798	18,798		
Non-Farm Building	184,706	184,706		
Farm Land	0	0		
Farm Building	0	0		
1st Time Non-Farm Building	0	0		
1st Time Farm Building	0	0		
* TOTAL *	203,504	203,504		

Current Billing Details 2021 Payable 2022

No	Date	Amount	Penalty	Other Costs	Transaction Type		
1	04/26/2022	19,079.72	0.00	0.00	Current	2021	Billed Amt
2	11/04/2022	-19,079.72	-1,287.87	-10.00	Current	2021	Tax Sale

Assessment Information	Bill Information	Installment Detail
------------------------	------------------	--------------------

Assessment Year	2021-2022	Tax Year	2021-2022	1st Installment
	2022	Value After	203,504	Due Date 06/03/2022
Fair Market Value	610,512	Exemptions		Tax Due \$0.00
Assessed Value	201,289	Tax Rate	9.3756%	2nd Installment
Township Multiplier	1.0110	Tax Extended	\$19,079.72	Due Date 09/02/2022
Value After Township Multiplier	203,504	Adjustments	\$0.00	Tax Due \$0.00
County Multiplier	1.0000	Tax Billed	\$19,079.72	No payments are currently scheduled.
Equalized Value	203,504	Payments	-\$19,079.72	
Value After Exemptions	203,504	Tax Due	\$0.00	Messages
		1st Installment	\$0.00	Previous years taxes sold at Tax Sale, call (217)753-6700
		2nd Installment	\$0.00	

Active Tax Sales

No	Owner Name	Parcel Number	Tax Year	Address	City	Status	Action
1	BEELINE PROPERTIES LLC	22-09.0-280-012	2021	430 E STANFORD AVE	SPRINGFIELD	ACTIVE	Details

Most Recent Sale

Number	Class	Sale Year	Sale Date	Sale Amount	Sale Acres	Township	
1	60 IMPROVED COMMERCIAL	2020	11/27/2020	730,000	0.00	WOODSIDE	Details



Electronic Filing Received Clerk's Office 09/18/2024
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

JAN 05 2023

Gouri Joshi
Beeline Properties LLC
1728 Bull Elk Dr.
Stephenville, TX 76401

Re: 1671203337 – Sangamon County
Springfield/Illinois Ayers Oil Co.
430 Stanford Ave.
Leaking UST Incident 991372
Leaking UST Technical File

IEPA-DIVISION OF RECORDS MANAGEMENT
RELEASABLE

MAR 14 2023

Dear Mr. Joshi:

REVIEWER: SAB

The Illinois Environmental Protection Agency (Illinois EPA) is providing notice that there was a release from an underground storage tank (UST) reported for your property located at 430 Stanford Ave., Springfield, Illinois. 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).

On June 8, 1999, a release was reported from the following USTs, which were located on your property: Three gasoline tanks and one diesel fuel tank. Review of Illinois EPA records has determined that limited information has been received documenting remediation of the release.

You may view available information regarding your property by accessing the Illinois EPA Document Explorer at <https://external.epa.illinois.gov/DocumentExplorer/Attributes>. The Bureau ID for your property is 1671203337.

As an owner of a property contaminated by a leaking UST release, there are options available to you to investigate and remediate the contamination, if you so choose. Failure to do so can result in decreased property value, an inability to sell the property, and possible liability pursuant to Sections 12(a), 12(d), 22.18(a), and 22.18(e) of the Act.

It should also be noted that reimbursement may be available from the Underground Storage Tank Fund for activities conducted to investigate and remediate the release. Please see the attached fact sheet for property owners with leaking UST contamination.

It is requested that you contact the Illinois EPA project manager, Benjamin Cope, at (217) 524-3309 or at Benjamin.Cope@illinois.gov to discuss your options to address this contamination.

2125 S. First Street, Champaign, IL 61820 (217) 278-5800
1101 Eastport Plaza Dr., Suite 100, Collinsville, IL 62234 (618) 346-5120
9511 Harrison Street, Des Plaines, IL 60016 (847) 294-4000
595 S. State Street, Elgin, IL 60123 (847) 608-3131

2309 W. Main Street, Suite 116, Marion, IL 62959 (618) 993-7200
412 SW Washington Street, Suite D, Peoria, IL 61602 (309) 671-3022
4302 N. Main Street, Rockford, IL 61103 (815) 987-7760

000518

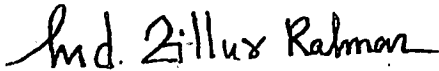
Page 2

Please respond within 30 days of the date of this letter. If you prefer to reply by mail, the address is

Illinois Environmental Protection Agency
Bureau of Land - #24
Leaking Underground Storage Tank Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, IL 62794-9276

We look forward to hearing from you.

Sincerely,



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

Attachment: Public Act 94-0274 Fact Sheet

c: BOL File



Public Act 94-0274 Fact Sheet

What is Public Act 94-0274?

Public Act 94-0274 amended the definition of "owner" at Section 57.2 of the Environmental Protection Act (Act). It expanded the definition to include any person who has submitted to the Illinois Environmental Protection Agency (Illinois EPA) a written election to proceed under Title XVI of the Act and has acquired an ownership interest in a site on which one or more registered tanks have been removed, but on which corrective action has not yet resulted in the issuance of a No Further Remediation Letter by the Illinois EPA pursuant to Title XVI of the Act.

How does this new law affect the Leaking Underground Storage Tank Program?

The owner of property with a reported release may become the tank owner for the purpose of remediating the site and accessing the Underground Storage Tank Fund, provided Office of the State Fire Marshal (OSFM) eligibility criteria are met.

I own a property on which a release from an underground storage tank (UST) was reported. What should I do next?

The first thing you should do is contact the state agencies that regulate USTs and request whatever information they have available on the site. These state agencies include the OSFM and the Illinois EPA.

To find out if the tanks at a property were registered with the OSFM, contact the Division of Petroleum & Chemical Safety at (217) 785-1020. When calling, you should be able to give the property's street address. Besides obtaining information regarding tank registration, you should also inquire as to whether the tanks have been removed, whether the eligibility criteria are met (so that you may access the UST Fund for payment of cleanup costs), and what the deductible amount would be.

You may search the Illinois EPA's Leaking UST database or call (217) 524-3300 to obtain information about the status of the cleanup and what reports, if any, have been submitted. You should know the property's street address and, if possible, the name of the business that owned and operated the tanks.

You may obtain copies of reports submitted to the Illinois EPA for a particular Leaking UST Program site and copies of related Illinois EPA correspondence by visiting Illinois EPA's Document Explorer at <https://external.epa.illinois.gov/DocumentExplorer/>.

If you wish to become the "owner," you must submit an Election to Proceed as "Owner" form to the Illinois EPA, which can be accessed at <https://www2.illinois.gov/epa/topics/cleanup-programs/lust/technical-forms/Pages/default.aspx>. Please be advised that, in so doing, you also assume the responsibilities and liabilities of owner of the tanks and that, once the election has been filed, it cannot be withdrawn. You may want to consult with a private attorney for advice.

If the tanks were never registered with the OSFM, can I qualify as "owner" by the new definition and access the UST Fund?

Provided the OSFM deems you eligible as owner of the tanks pursuant to Public Act 94-0274, you may access the UST Fund for payment of costs for corrective action. One of the things the OSFM requires to determine eligibility is proof of when the tanks were last used. OSFM also requires proof of ownership interest in the site. Please be aware that, if the tanks were not previously registered, the deductible amount to be paid by you out-of-pocket may be \$100,000.00.

Please note, too, that USTs removed from service prior to January 2, 1974, are not eligible for payment from the UST Fund because they are unregistrable as determined by OSFM.

What if the tanks were never removed?

The new law does not apply if the tanks are still underground. If the tanks were registered with the OSFM and are still on the premises, the tank registration may be transferred to the new property owner. The registration date from the previous owner would be used to determine the deductible amount.

If remediation of a release has not yet been conducted and I submit the new election form, which regulations apply?

By signing and submitting the Election to Proceed as "Owner" form, you elect to proceed under Title XVI of the Environmental Protection Act and the Illinois Pollution Control Board's rules at 35 Illinois Administrative Code 734. This applies to anyone who elects to proceed as "owner," no matter what date the release was reported.

If remediation of a release has begun but has not been completed and the previous owner paid the deductible amount, must the new "owner" (pursuant to P.A. 94-0274) also pay a deductible?

If the previous owner paid the deductible, then the new "owner" will not be assessed a deductible—provided no new release has occurred. Payment of the deductible is assessed only once per site per calendar year, except that, if corrective action continues over a period of more than one year, a deductible is not assessed again for that release. Please be advised that, for multiple incidents reported during multiple calendar years, more than one deductible would be assessed and that, if not paid by the previous owner, the new "owner" would be responsible for the payment.

Where can I get more information?

You may contact the project manager on call in the Leaking UST Section by dialing (217) 524-3300.

This fact sheet is for general information only and is not intended to replace, interpret, or modify laws, rules, or regulations.



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

7021 1970 0001 8412 1545

JAN 23 2023

Gouri Joshi
Beeline Properties, LLC
1728 Bull Elk Drive
Stephenville, IL 76401

Re: 1671203337 -- Sangamon County
Springfield / Illinois Ayers Oil Co.
430 Stanford Ave.
Leaking UST Incident 991372
Leaking UST Technical File

IEPA-DIVISION OF RECORDS MANAGEMENT
RELEASABLE

APR 03 2023

REVIEWER: SAB

Dear Gouri Joshi:

On January 4, 2023, the Illinois Environmental Protection Agency (Illinois EPA) received the Election to Proceed as "Owner" form (electing to proceed under Title XVI of the Act as amended by Public Act 94-0274) dated December 28, 2022 for the above-referenced incident. Citations in this letter are from the Environmental Protection Act (415 ILCS 5) (Act) and Title 35 of the Illinois Administrative Code (35 Ill. Adm. Code).

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

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

Pursuant to Sections 57.7 and 57.12(c) and (d) of the Act and 35 Ill. Adm. Code 734.100 and 734.125, a Corrective Action Plan that fully delineates the contamination associated with the release, and budget if reimbursement will be sought, must be submitted within 90 days of the date of this letter to:

Illinois Environmental Protection Agency
Bureau of Land -- #24
Leaking Underground Storage Tank Section
1021 North Grand Avenue East
Springfield, IL 62794-9276

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

2125 S. First Street, Champaign, IL 61820 (217) 278-5800
1101 Eastport Plaza Dr., Suite 100, Collinsville, IL 62234 (618) 346-5120
9511 Harrison Street, Des Plaines, IL 60016 (847) 294-4000
595 S. State Street, Elgin, IL 60123 (847) 608-3131

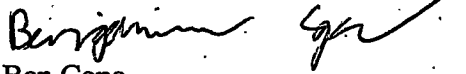
2309 W. Main Street, Suite 116, Marion, IL 62959 (618) 993-7200
412 SW Washington Street, Suite D, Peoria, IL 61602 (309) 671-3022
4302 N. Main Street, Rockford, IL 61103 (815) 987-7760

000522

Page 1

If you have any questions or need further assistance, please contact Ben Cope at (217) 524-3309.

Sincerely,



Ben Cope
Project Manager
Leaking Underground Storage Tank Section
Bureau of Land



Michael Keebler (electronic copy), mkeebler@perryenvironmental.net
BOL File

Electronic Filing: Received, Clerk's Office 09/18/2024

From: jfortado@perryenvironmental.net
To: "Swenny, Ronald"; [EPA.FieldNotifications](#)
Subject: [External] FW: Springfield / Illinois Ayers Oil Company
Date: Monday, July 24, 2023 1:23:54 PM

RE: LPC #1671203337 – Sangamon County
Springfield / Illinois Ayers Oil Company
430 Stanford Avenue
LUST Incident #991372

Hello,

The investigation activities as according to the Corrective Action Plan & Budget approved by the IEPA letter dated August 20, 2008 are scheduled to be performed on Wednesday, August 30th. Dan Lacey will be a field technician on-site. His cell phone number is (217) 299-0127. Please contact me if you have any questions or concerns.

Sincerely,

Josh Fortado
Senior Project Manager
Perry Environmental, Inc.

1671203337 - Sangamon County
Illinois Ayers Oil Company
Incident # 991372
LUST Tech File

PEI Perry Environmental, Inc.

Environmental Consultants

November 7, 2023

Benjamin Cope
Leaking Underground Storage Tank Section
Illinois Environmental Protection Agency
1021 North Grand Avenue East
Springfield, Illinois 62702

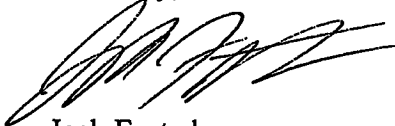
Re: LPC #1671203337 – Sangamon County
Springfield / Illinois Ayers Oil Company
430 Stanford Avenue
LUST Incident #991372
LUST Technical File

Dear Mr. Cope,

Perry Environmental, Inc. (PEI) has completed the investigation activities as according to the Corrective Action Plan approved by the IEPA letter dated August 20, 2008. I have enclosed the site map showing the sampling locations, soil and groundwater sampling analytical results, boring logs, photographs of the field activities, Tier 2 Site Specific Soil Remediation Objectives, Groundwater Elevation Table, and Gradient. An Amended Corrective Action Plan and Budget for defining the extent of the soil contamination to the east and west and for defining the vertical extent of the Csat concentrations detected in B-2 and B-3 as well as installing additional monitoring wells for defining the extents of the groundwater contamination to the east of PMW-25 and west of MW-14 will be prepared.

The enclosed information was also emailed to you on this date. Should you have any questions or comments, please feel free to contact me at (217) 523-5446 or via email at jfortado@perryenvironmental.net.

Sincerely,



Josh Fortado
Senior Project Manager
Perry Environmental, Inc.

EPA-DIVISION OF RECORDS MANAGEMENT
RELEASABLE

MAR 06 2024

REVIEWER: SAB

RECEIVED

NOV 14 2023

IEPA/BOL

900 South Spring Street • Springfield, Illinois 62704
Phone: (217) 523-5446

1671203337 - Sangamon County
Illinois Ayers Oil Company
Incident # 991372
LUST Tech File

APPENDIX A

Site Map

IEPA-DIVISION OF RECORDS MANAGEMENT
RELEASABLE

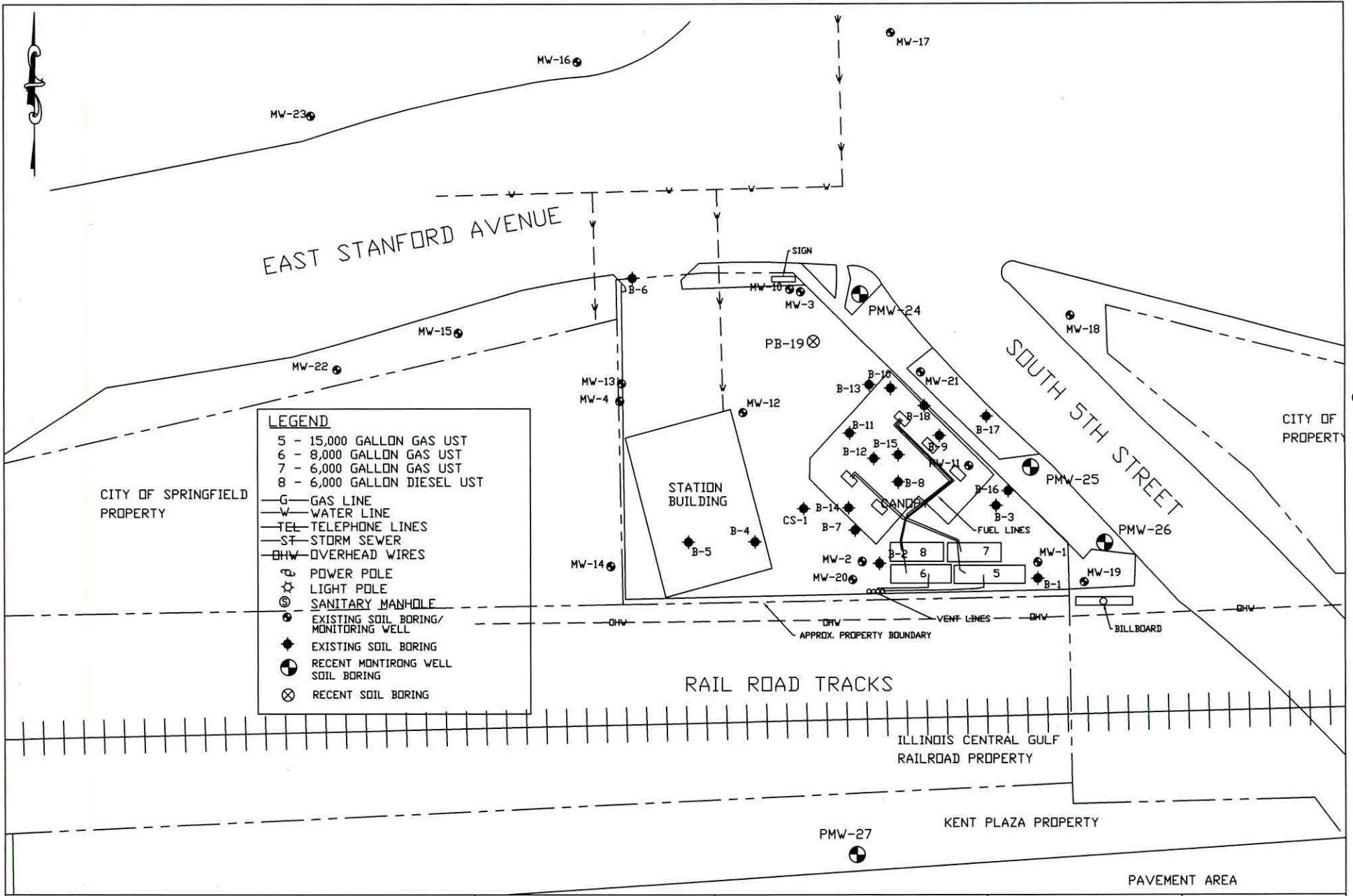
MAR 06 2024

REVIEWER: SAB

RECEIVED

NOV 14 2023

IEPA/BOL



PERRY ENVIRONMENTAL, INC.
 ENVIRONMENTAL CONSULTANTS
 Office: 900 South Spring Street
 Springfield, IL 62704
 (217) 523-5446 - Office

CORRECTIVE ACTION
SCALE
 30' 0 60'

INVESTIGATION PLAN
 PLANS PREPARED FOR
BEELINE PROPERTIES, LLC
 430 STANFORD AVENUE
 SPRINGFIELD, ILLINOIS

REVISIONS	

FIGURE 1
 DATE: NOVEMBER 2023
 JOB NO.: 22-1021
 FILE NAME: INV.DWG

000527

APPENDIX B
*Soil and Groundwater
Sampling Analytical Results
and Tables*

TABLE 1.1
SUMMARY OF SITE INVESTIGATION SOIL SAMPLING ANALYTICAL RESULTS
ILLINOIS AYERS OIL COMPANY
SPRINGFIELD, ILLINOIS

	OBJECTIVE	B-1 7.5'	B-2 8.5'	B-3 7.5'	MW-1 10'	MW-2 7.5'	MW-3 7.5'	MW-4 10'	B-5 10'	B-6 10'
SAMPLE DATE		5/14/99	5/14/99	5/14/99	6/16/99	6/16/99	6/17/99	6/18/99	6/18/99	6/18/99
BTEX										
Benzene	.03	0.008	6.797	1.569	0.359	3.955	2.919	3.055	1.850	2.070
Ethylbenzene	13	0.067	97.190	22.511	2.667	18.933	10.345	10.524	7.094	7.329
Toluene	12	0.005	143.481	23.216	1.726	20.401	0.319	3.823	2.788	3.096
Total Xylenes	5.6	0.191	428.886	183.919	2.353	56.665	12.849	9.673	5.667	8.721
PNA's										
Acenaphthene	570	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Acenaphthylene	85	N/A	N/A	N/A	<0.200	<0.200	<0.200	<0.200	<0.200	<0.200
Anthracene	12,000	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Benzo (a) anthracene	.9	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Benzo (b) fluoranthene	.9	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Benzo (k) fluoranthene	9	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Benzo (g,h,i) perylene	2,300	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Benzo (a) pyrene	.09	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Chrysene	88	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Dibenzo (a,h) anthracene	.09	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Fluoranthene	3,100	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Fluorene	560	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Indeno (1,2,3-cd) pyrene	.9	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Naphthalene	1.8	N/A	N/A	N/A	<0.030	0.360	0.790	<0.030	0.20	1.200
Phenanthrene	200	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Pyrene	2,300	N/A	N/A	N/A	<0.030	<0.030	<0.030	<0.030	<0.030	<0.030
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg

Notes:

BTEX/MTBE & PNAs were analyzed via SW-846 Method 5035/8260 and 8270 respectively

Bold cells represent concentrations detected above the Practical Quantitation Limits (PQLs).

Highlighted values represent concentrations above Tier 1 SROs.

The objectives cited above were obtained from 35 Ill. Adm. Code 742.Appendix B. Table A and Table B, amended February 23, 2007.

Electronic Filing: Received, Clerk's Office 09/18/2024

TABLE 1.2
SUMMARY OF SITE INVESTIGATION SOIL SAMPLING ANALYTICAL RESULTS
ILLINOIS AYERS OIL COMPANY
SPRINGFIELD, ILLINOIS

	OBJECTIVE	B-7 10'	B-8 10.5'	B-9 5.5'	B-10 6.5'	B-11 6.5'	B-12A 7'	B-12B 11'	MW-10 6'	MW-11 6'
SAMPLE DATE		12/1/99	12/1/99	12/1/99	12/1/99	12/1/99	12/1/99	12/1/99	2/28/00	2/28/00
BTEX										
Benzene	.03	3.620	9.040	2.160	3.410	2.210	4.090	1.960	<0.002	0.477
Ethylbenzene	13	25.000	17.400	9.440	10.500	12.900	62.200	0.353	<0.002	1.840
Toluene	12	6.170	0.675	21.300	12.800	0.487	13.700	0.052	<0.002	0.073
Total Xylenes	5.6	79.900	61.300	38.400	42.400	54.300	214.000	0.653	0.039	7.120
PNA's										
Acenaphthene	570	<1.200	<1.200	<1.200	<1.200	<1.200	<1.200	<1.200	N/A	N/A
Acenaphthylene	85	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	N/A	N/A
Anthracene	12,000	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	N/A	N/A
Benzo (a) anthracene	.9	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	N/A	N/A
Benzo (b) fluoranthene	.9	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	N/A	N/A
Benzo (k) fluoranthene	9	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	N/A	N/A
Benzo (g,h,i) perylene	2,300	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	N/A	N/A
Benzo (a) pyrene	.09	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	N/A	N/A
Chrysene	88	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	N/A	N/A
Dibenzo (a,h) anthracene	.09	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	N/A	N/A
Fluoranthene	3,100	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	N/A	N/A
Fluorene	560	<0.140	<0.140	<0.140	<0.140	<0.140	<0.140	0.181	N/A	N/A
Indeno (1,2,3-cd) pyrene	.9	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	N/A	N/A
Naphthalene	1.8	0.818	1.470	0.660	1.080	1.590	24.700	0.660	N/A	N/A
Phenanthrene	200	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	N/A	N/A
Pyrene	2,300	<0.180	<0.180	<0.180	<0.180	<0.180	<0.180	<0.180	N/A	N/A
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg

Notes:

BTEX/MTBE & PNAs were analyzed via SW-846 Method 5035/8260 and 8270 respectively

Bold cells represent concentrations detected above the Practical Quantitation Limits (PQLs).

Highlighted values represent concentrations above Tier 1 SROs.

The objectives cited above were obtained from 35 Ill. Adm. Code 742.Appendix B. Table A and Table B, amended February 23, 2007.

Electronic Filing: Received, Clerk's Office 09/18/2024

TABLE 1.3
SUMMARY OF SITE INVESTIGATION SOIL SAMPLING ANALYTICAL RESULTS
ILLINOIS AYERS OIL COMPANY
SPRINGFIELD, ILLINOIS

	OBJECTIVE	MW-12 6'	MW-13 6'	MW-14 11.5'	MW-15 10.5'	MW-16 4.5'	MW-17 6.5'	MW-18 5'	MW-19 6'	B-13 6'
SAMPLE DATE		2/28/00	2/28/00	8/20/01	8/20/01	8/20/01	8/20/01	8/20/01	8/20/01	9/19/07
BTEX										
Benzene	.03	<0.002	<0.002	<0.002	0.040	<0.002	<0.002	<0.002	<0.002	5.57
Ethylbenzene	13	<0.002	<0.002	0.036	5.230	0.005	<0.002	<0.002	<0.002	19.6
Toluene	12	<0.002	<0.002	<0.002	0.063	<0.002	<0.002	<0.002	<0.002	0.152
Total Xylenes	5.6	<0.005	<0.005	0.047	13.200	0.012	<0.005	<0.005	<0.005	69.3
PNA's										
Acenaphthene	570	<0.030	<0.030	<1.200	<1.200	<1.200	<1.200	<1.200	<1.200	<0.0836
Acenaphthylene	85	<0.200	<0.200	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	<0.0836
Anthracene	12,000	<0.030	<0.030	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	<0.0836
Benzo (a) anthracene	.9	<0.030	<0.030	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	<0.0087	<0.0836
Benzo (b) fluoranthene	.9	<0.030	<0.030	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.0836
Benzo (k) fluoranthene	9	<0.030	<0.030	<0.011	<0.011	<0.011	<0.011	<0.011	<0.011	<0.0836
Benzo (g,h,i) perylene	2,300	<0.030	<0.030	<0.051	<0.051	<0.051	<0.051	<0.051	<0.051	<0.0836
Benzo (a) pyrene	.09	<0.030	<0.030	<0.015	<0.015	<0.015	<0.015	<0.015	<0.015	<0.0836
Chrysene	88	<0.030	<0.030	<0.100	<0.100	<0.100	<0.100	<0.100	<0.100	<0.0836
Dibenzo (a,h) anthracene	.09	<0.030	<0.030	<0.020	<0.020	<0.020	<0.020	<0.020	<0.020	<0.0836
Fluoranthene	3,100	<0.030	<0.030	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	<0.0836
Fluorene	560	<0.030	<0.030	<0.140	<0.140	<0.140	<0.140	<0.140	<0.140	<0.0874
Indeno (1,2,3-cd) pyrene	.9	<0.030	<0.030	<0.029	<0.029	<0.029	<0.029	<0.029	<0.029	<0.0836
Naphthalene	1.8	<0.030	<0.030	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	0.618
Phenanthrene	200	<0.030	<0.030	<0.660	<0.660	<0.660	<0.660	<0.660	<0.660	<0.0836
Pyrene	2,300	<0.030	<0.030	<0.180	<0.180	<0.180	<0.180	<0.180	<0.180	<0.0836
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg

Electronic Filing: Received, Clerk's Office 09/18/2024

Notes:

BTEX/MTBE & PNAs were analyzed via SW-846 Method 5035/8260 and 8270 respectively

Bold cells represent concentrations detected above the Practical Quantitation Limits (PQLs).

Highlighted values represent concentrations above Tier 1 SROs.

The objectives cited above were obtained from 35 Ill. Adm. Code 742.Appendix B. Table A and Table B, amended February 23, 2007.

TABLE 1.4
SUMMARY OF SITE INVESTIGATION SOIL SAMPLING ANALYTICAL RESULTS
ILLINOIS AYERS OIL COMPANY
SPRINGFIELD, ILLINOIS

	OBJECTIVE	B-14 6.5'	B-15 6'	B-16 6.5'	B-17 6'	B-18 6'	MW-20 6.5'	MW-21 6.5'	MW-22 6.5'	MW-23 6'
SAMPLE DATE		9/19/07	9/19/07	9/19/07	9/19/07	9/19/07	9/20/07	9/20/07	9/20/07	9/20/07
BTEX										
Benzene	.03	1.08	0.0571	0.092	1.09	4.08	0.005	5.37	<0.0019	0.0052
Ethylbenzene	13	3.84	2.29	4.82	4.57	21.4	0.0043	28.9	<0.0019	0.0048
Toluene	12	<0.0996	<0.0491	<0.0503	0.085	0.48	0.0107	0.331	<0.0019	0.012
Total Xylenes	5.6	9.39	9.82	9.78	1.22	89.4	0.0104	106.0	<0.0048	0.0114
PNA's										
Acenaphthene	570	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807
Acenaphthylene	85	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807
Anthracene	12,000	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807
Benzo (a) anthracene	.9	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807
Benzo (b) fluoranthene	.9	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807
Benzo (k) fluoranthene	9	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807
Benzo (g,h,i) perylene	2,300	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807
Benzo (a) pyrene	.09	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807
Chrysene	88	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807
Dibenzo (a,h) anthracene	.09	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807
Fluoranthene	3,100	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807
Fluorene	560	<0.0883	<0.0737	<0.0884	<0.0919	<0.0856	<0.0874	<0.0884	<0.0893	<0.0843
Indeno (1,2,3-cd) pyrene	.9	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807
Naphthalene	1.8	<0.0845	<0.0705	<0.0846	<0.0879	0.55	<0.0836	1.14	<0.0855	<0.0807
Phenanthrene	200	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807
Pyrene	2,300	<0.0845	<0.0705	<0.0846	<0.0879	<0.0819	<0.0836	<0.0846	<0.0855	<0.0807
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg

Notes:

BTEX/MTBE & PNAs were analyzed via SW-846 Method 5035/8260 and 8270 respectively

Bold cells represent concentrations detected above the Practical Quantitation Limits (PQLs).

Highlighted values represent concentrations above Tier 1 SROs.

The objectives cited above were obtained from 35 Ill. Adm. Code 742.Appendix B. Table A and Table B, amended February 23, 2007.

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TABLE 2
SUMMARY OF THE LATEST SOIL SAMPLING ANALYTICAL RESULTS
ILLINOIS AYERS OIL COMPANY
SPRINGFIELD, ILLINOIS

	OBJECTIVE	PB-19 6'	PMW-24 6'	PMW-25 6'	PMW-26 6'	PMW-27 6'
SAMPLE DATE		8/30/23	8/30/23	8/30/23	8/30/23	8/30/23
BTEX						
Benzene	.03	4.05	0.0383	0.0648	0.0016	0.0016
Ethylbenzene	13	20.9	0.0503	1.56	0.0017	0.0014
Toluene	12	39.4	<0.0041	0.0081	<0.0040	<0.0040
Total Xylenes	5.6	78.1	0.0216	0.209	0.0024	<0.0009
MTBE						
Methyl tert-butyl ether	0.32	0.0131	0.0203	0.0031	<0.0007	<0.0007
PNA's						
Acenaphthene	570	0.0267	0.00179	0.0130	<0.000373	<0.00190
Acenaphthylene	85	<0.00167	<0.000343	<0.00172	<0.000332	<0.00169
Anthracene	12,000	0.00828	0.000490	<0.00213	<0.000410	0.00401
Benzo (a) anthracene	.9	<0.00305	<0.000626	<0.00315	<0.000606	0.0405
Benzo (b) fluoranthene	.9	0.00486	<0.000743	<0.00374	0.00105	0.0707
Benzo (k) fluoranthene	9	<0.00271	<0.000555	<0.00280	<0.000537	0.0340
Benzo (g,h,i) perylene	2,300	0.00665	0.00123	<0.00409	0.00149	0.0539
Benzo (a) pyrene	.09	<0.00289	<0.000594	<0.00299	<0.000575	0.0529
Chrysene	88	0.00407	<0.000792	<0.00398	<0.000767	0.0712
Dibenzo (a,h) anthracene	.09	<0.00379	<0.000780	<0.00392	<0.000755	0.0114
Fluoranthene	3,100	0.00947	0.000869	<0.00252	0.00105	0.0966
Fluorene	560	0.0383	0.00266	0.0134	<0.000351	<0.00179
Indeno (1,2,3-cd) pyrene	.9	<0.00388	<0.000796	<0.00401	<0.000771	0.0457
Naphthalene	1.8	1.18	0.156	2.07	<0.00178	<0.00915
Phenanthrene	200	0.0580	0.00487	0.0193	<0.000517	0.0164
Pyrene	2,300	0.0140	0.000997	<0.00411	0.00114	0.116
Units	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg

Notes:

BTEX/MTBE & PNAs were analyzed via SW-846 Method 5035/8260 and 8270 respectively

Bold cells represent concentrations detected above the Practical Quantitation Limits (PQLs).

Highlighted values represent concentrations above Tier 1 SROs.

The objectives cited above were obtained from 35 Ill. Adm. Code 742.Appendix B. Table A and Table B, amended February 23, 2007.

TABLE 3
SUMMARY OF THE GROUNDWATER EXCEEDENCES CONDUCTED BY PREVIOUS ENVIRONMENTAL CONSULTANT
ILLINOIS AYERS OIL COMPANY
SPRINGFIELD, ILLINOIS

SAMPLE DATE	OBJECTIVE	MW-1	MW-2	MW-3	MW-10	MW-11	MW-12	MW-13	MW-14	MW-15
BTEX										
Benzene	0.005	0.005	0.268	0.268	0.00048	0.169	0.00202	0.00044	<0.002	<0.005
Ethylbenzene	0.70	<0.002	0.143	0.143	0.00479	0.0292	0.00054	0.00508	<0.002	0.00523
Toluene	1	<0.002	0.052	0.052	<0.000383	<0.02	<0.000383	<0.000383	<0.002	<0.005
Total Xylenes	10	<0.005	0.401	0.401	0.00094	0.0375	0.0018	0.00517	<0.005	<0.015
PNA's										
Naphthalene	0.14	N/A	N/A	N/A	0.00072	0.108	0.00229	0.00265	<0.002	<0.00204
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L

SAMPLE DATE	OBJECTIVE	MW-16	MW-17	MW-18	MW-19	MW-20	MW-21	MW-22	MW-23
BTEX									
Benzene	0.005	<0.000317	<0.000317	<0.000317	<0.000317	0.235	2.0	0.0022	0.0131
Ethylbenzene	0.70	<0.000376	<0.000376	<0.000376	<0.000376	1.5	4.11	<0.002	0.0029
Toluene	1	<0.000383	<0.000383	<0.000383	<0.000383	0.0739	0.082	<0.002	<0.002
Total Xylenes	10	<0.001397	<0.001397	<0.001397	<0.001397	4.72	16.0	<0.005	0.0053
PNA's									
Naphthalene	0.14	<0.000382	<0.000382	<0.000382	<0.000382	0.164	0.78	<0.002	<0.002
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L

Notes:

BTEX and PNAs were analyzed via SW-846 Method 5035/8260 and 8270, respectively.

Bold cells represent concentrations detected above the Practical Quantitation Limits (PQLs).

Highlighted values represent concentrations above Tier 1 GROs.

N/A – Not Analyzed

The objectives cited above were obtained from 35 Ill. Adm. Code 742.Appendix B. Table E, which was amended February 23, 2007.

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TABLE 4.1
SUMMARY OF THE LATEST GROUNDWATER SAMPLING ANALYTICAL RESULTS
ILLINOIS AYERS OIL COMPANY
SPRINGFIELD, ILLINOIS

OBJECTIVE	MW-12	MW-14	MW-11	PMW-25	PMW-26	MW-20	MW-21	PMW-24	PMW-27	
SAMPLE DATE	9/21/23	9/22/23	9/22/23	9/22/23	9/22/23	9/22/23	9/22/23	9/23/23	9/22/23	9/22/23
BTEX										
Benzene	0.005	0.003	<0.0007	0.159	0.197	<0.0007	<0.0007	0.239	0.031	<0.0007
Ethylbenzene	0.70	0.001	<0.0009	0.019	0.016	<0.0009	<0.0009	0.008	0.021	<0.0009
Toluene	1	<0.0007	<0.0007	0.0008	<0.0007	<0.0007	<0.0007	0.010	<0.0007	<0.0007
Total Xylenes	10	<0.0009	<0.0009	0.041	0.008	<0.0009	<0.0009	0.030	0.006	<0.0009
MTBE										
Methyl tert-butyl ether	0.07	0.0010	0.082	0.003	0.034	0.001	0.057	0.358	0.270	<0.0008
PNA's										
Acenaphthene	0.42	0.000113	<0.000018	0.000042	0.000024	<0.000018	0.000325	0.000241	<0.000018	<0.000018
Acenaphthylene	0.21	<0.000014	<0.000014	<0.000014	<0.000014	<0.000014	<0.000014	0.000032	<0.000014	<0.000014
Anthracene	2.10	<0.000005	<0.000005	<0.000005	0.000013	0.000009	0.000079	0.000013	0.000008	0.000011
Benzo (a) anthracene	0.00013	<0.000011	<0.000011	<0.000011	<0.000011	<0.000011	<0.000011	<0.000011	<0.000011	<0.000011
Benzo (b) fluoranthene	0.00018	<0.000008	<0.000008	<0.000008	<0.000008	<0.000008	<0.000008	<0.000008	<0.000008	<0.000008
Benzo (k) fluoranthene	0.00017	<0.000016	<0.000016	<0.000016	<0.000016	<0.000016	<0.000016	<0.000016	<0.000016	<0.000016
Benzo (g,h,i) perylene	0.21	<0.000007	<0.000007	<0.000007	<0.000007	<0.000007	<0.000007	<0.000007	<0.000007	<0.000007
Benzo (a) pyrene	0.0002	<0.000012	<0.000012	<0.000012	<0.000012	<0.000012	<0.000012	<0.000012	<0.000012	<0.000012
Chrysene	0.0015	<0.000008	<0.000008	<0.000008	<0.000008	<0.000008	<0.000008	<0.000008	<0.000008	<0.000008
Dibenz(a,h)anthracene	0.003	<0.000006	<0.000006	<0.000006	<0.000006	<0.000006	<0.000006	<0.000006	<0.000006	<0.000006
Fluoranthene	0.28	<0.000005	<0.000005	<0.000005	<0.000005	<0.000005	<0.000005	<0.000005	<0.000005	<0.000005
Fluorene	0.28	0.000021	<0.000010	0.000014	<0.000010	<0.000010	<0.000010	0.000189	<0.000010	<0.000010
Indeno(1,2,3-cd) pyrene	0.00043	<0.000014	<0.000014	<0.000014	<0.000014	<0.000014	<0.000014	<0.000014	<0.000014	<0.000014
Naphthalene	0.14	0.00214	<0.000019	0.00363	0.0298	0.000051	0.000160	0.0100	0.119	<0.000019
Phenanthrene	0.21	<0.000008	<0.000008	<0.000008	<0.000008	<0.000008	<0.000008	0.000013	<0.000008	<0.000008
Pyrene	0.21	<0.000009	<0.000009	<0.000009	<0.000009	<0.000009	<0.000009	<0.000009	<0.000009	<0.000009
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L

Notes:

BTEX/MTBE and PNAs were analyzed via SW-846 Method 5035/8260 and 8270, respectively.

Bold cells represent concentrations detected above the Practical Quantitation Limits (PQLs).

Highlighted values represent concentrations above Tier 1 GROs.

The objectives cited above were obtained from 35 Ill. Adm. Code 742.Appendix B. Table E, which was amended February 23, 2007.

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TABLE 4.2
SUMMARY OF THE LATEST GROUNDWATER SAMPLING ANALYTICAL RESULTS
ILLINOIS AYERS OIL COMPANY
SPRINGFIELD, ILLINOIS

	OBJECTIVE	MW-15	MW-22	MW-13	MW-16	MW-17	MW-18	MW-19
SAMPLE DATE		9/22/23	9/22/23	9/22/23	9/22/23	9/22/23	9/22/23	9/22/23
BTEX								
Benzene	0.005	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
Ethylbenzene	0.70	<0.0009	<0.0009	<0.0009	<0.0009	<0.0009	<0.0009	<0.0009
Toluene	1	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007	<0.0007
Total Xylenes	10	<0.0009	<0.0009	<0.0009	<0.0009	<0.0009	<0.0009	<0.0009
MTBE								
Methyl tert-butyl ether	0.07	0.001	0.001	<0.0008	<0.0008	<0.0008	<0.0008	<0.0008
PNA's								
Acenaphthene	0.42	<0.00018	0.000026	<0.00018	<0.00018	<0.00018	<0.00018	<0.00018
Acenaphthylene	0.21	<0.00014	<0.00014	<0.00014	<0.00014	<0.00014	<0.00014	<0.00014
Anthracene	2.10	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	0.000012
Benzo (a) anthracene	0.00013	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011	<0.00011
Benzo (b) fluoranthene	0.00018	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
Benzo (k) fluoranthene	0.00017	<0.00016	<0.00016	<0.00016	<0.00016	<0.00016	<0.00016	<0.00016
Benzo (g,h,i) perylene	0.21	<0.00007	<0.00007	<0.00007	<0.00007	<0.00007	<0.00007	<0.00007
Benzo (a) pyrene	0.0002	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012	<0.00012
Chrysene	0.0015	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
Dibenz(a,h)anthracene	0.003	<0.00006	<0.00006	<0.00006	<0.00006	<0.00006	<0.00006	<0.00006
Fluoranthene	0.28	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Fluorene	0.28	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010	<0.00010
Indeno(1,2,3-cd) pyrene	0.00043	<0.00014	<0.00014	<0.00014	<0.00014	<0.00014	<0.00014	<0.00014
Naphthalene	0.14	0.000023	0.000166	0.000031	<0.00019	<0.00019	<0.00019	<0.00019
Phenanthrene	0.21	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008	<0.00008
Pyrene	0.21	<0.00009	<0.00009	<0.00009	<0.00009	<0.00009	<0.00009	<0.00009
Units	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L

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9/26/2023

Perry Environmental Inc
Mr. Mike Keebler
900 South Spring Street
Springfield, IL, 62704

Ref: Analytical Testing
Lab Report Number: 23-249-0004
Client Project Description: IL Ayers Oil Company
Springfield IL
Project # 22-1021

Dear Mr. Mike Keebler:
Waypoint Analytical, LLC. received sample(s) on 9/6/2023 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method. Where the laboratory was not responsible for the sampling stage (refer to the chain of custody) results apply to the sample as received.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2021) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,

A handwritten signature in black ink that reads "Kim S Storey".

Kim S Storey

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.





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Certification Summary

Laboratory ID: WP MTN: Waypoint Analytical, LLC., Memphis, TN

State	Program	Lab ID	Expiration Date
Alabama	State Program	40750	02/29/2024
Arkansas	State Program	88-0650	02/07/2024
California	State Program	2904	06/30/2024
Florida	State Program - NELAP	E871157	06/30/2024
Georgia	State Program	C044	11/14/2025
Georgia	State Program	04015	06/30/2024
Illinois	State Program - NELAP	200078	10/31/2024
Kentucky	State Program	80215	06/30/2024
Kentucky	State Program	KY90047	12/31/2023
Louisiana	State Program - NELAP	LA037	12/31/2023
Louisiana	State Program - NELAP	04015	06/30/2024
Mississippi	State Program	MS	11/14/2025
North Carolina	State Program	47701	07/31/2024
North Carolina	State Program	415	12/31/2023
Pennsylvania	State Program - NELAP	68-03195	05/31/2024
South Carolina	State Program	84002	06/30/2023
Tennessee	State Program	02027	11/14/2025
Texas	State Program - NELAP	T104704180	09/30/2023
Virginia	State Program	00106	06/30/2024
Virginia	State Program - NELAP	460181	09/14/2024



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Sample Summary Table

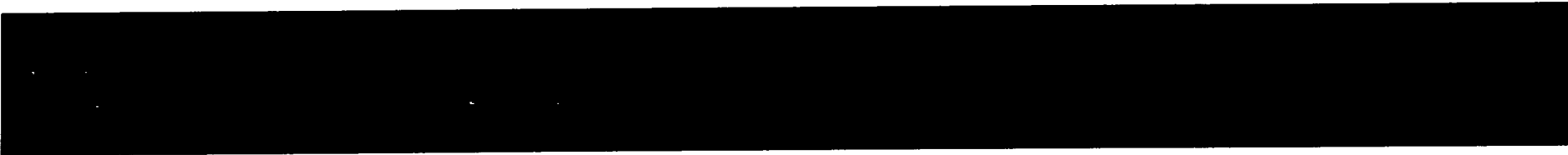
Report Number: 23-249-0004
Client Project Description: IL Ayers Oil Company
Springfield IL
Project # 22-1021

Lab No	Client Sample ID	Matrix	Date Collected	Date Received
86681	PB-19 6'	Solids	08/30/2023 11:10	09/06/2023
86682	PMW-24 6'	Solids	08/30/2023 11:35	09/06/2023
86683	PMW-25 6'	Solids	08/30/2023 12:00	09/06/2023
86684	PMW-26 6'	Solids	08/30/2023 12:25	09/06/2023
86685	PMW-27 6'	Solids	08/30/2023 12:55	09/06/2023

Summary Report



Legend: [redacted] [redacted]



Benzene	mg/Kg - dry	0.03							
Ethylbenzene	mg/Kg - dry	13							
Methyl tert-butyl ether (MTBE)	mg/Kg - dry	0.32						ND (0.0007)	ND (0.0007)
Toluene	mg/Kg - dry	12				ND (0.0041)		ND (0.0040)	ND (0.0040)
Xylene (Total)	mg/Kg - dry	5.6							ND (0.0009)



Acenaphthene	mg/Kg - dry	570						ND (0.000373)	ND (0.00190)
Acenaphthylene	mg/Kg - dry	85				ND (0.00167)	ND (0.000343)	ND (0.00172)	ND (0.000332)
Anthracene	mg/Kg - dry	12000						ND (0.00213)	ND (0.000410)
Benzo(a)anthracene	mg/Kg - dry	0.9				ND (0.00305)	ND (0.000626)	ND (0.00315)	ND (0.000606)
Benzo(a)pyrene	mg/Kg - dry	0.09				ND (0.00289)	ND (0.000594)	ND (0.00299)	ND (0.000575)
Benzo(b)fluoranthene	mg/Kg - dry	0.9					ND (0.000743)	ND (0.00374)	
Benzo(g,h,i)perylene	mg/Kg - dry	2300						ND (0.00409)	
Benzo(k)fluoranthene	mg/Kg - dry	9				ND (0.00271)	ND (0.000555)	ND (0.00280)	ND (0.000537)
Chrysene	mg/Kg - dry	88					ND (0.000792)	ND (0.00398)	ND (0.000767)
Dibenz(a,h)anthracene	mg/Kg - dry	0.09				ND (0.00379)	ND (0.000780)	ND (0.00392)	ND (0.000755)
Fluoranthene	mg/Kg - dry	3100						ND (0.00252)	

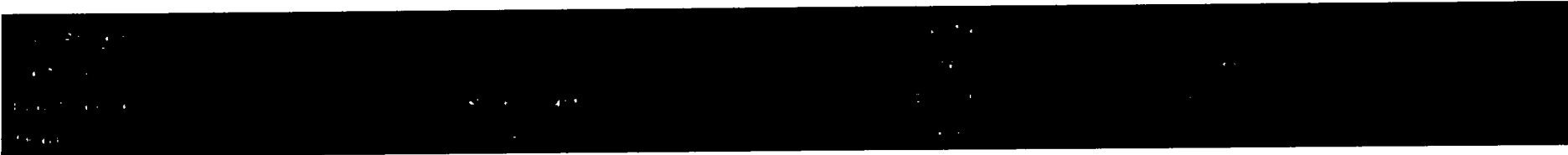
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000540

Summary Report



Legend: [Redacted]



Fluorene	mg/Kg - dry	560						ND (0.000351)	ND (0.00179)
Indeno(1,2,3-cd)pyrene	mg/Kg - dry	0.9			ND (0.00388)	ND (0.000796)	ND (0.00401)	ND (0.000771)	
1-Methylnaphthalene	mg/Kg - dry							ND (0.00134)	ND (0.00688)
2-Methylnaphthalene	mg/Kg - dry							ND (0.00239)	ND (0.0122)
Naphthalene	mg/Kg - dry	1.8						ND (0.00178)	ND (0.00915)
Phenanthrene	mg/Kg - dry	210						ND (0.000517)	
Pyrene	mg/Kg - dry	2300					ND (0.00411)		



Moisture	%								
Total Solids	%								

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000541



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Client: Perry Environmental Inc
Project: IL Ayers Oil Company
Lab Report Number: 23-249-0004
Date: 9/14/2023

CASE NARRATIVE

Volatile Organic Compounds - GC/MS Method 8260B

Sample 86681 (PB-19 6')

QC Batch No: L703541

Surrogate(s) was flagged for recovery outside QC limits in this project sample. This sample was re-analyzed for verification, and/or dilution of target analytes. Batch QC samples (method blank and laboratory control samples) all showed surrogates within QC limits.

Semivolatile Organic Compounds - GC/MS (SIM) Method 8270D SIM

Sample 86681 (PB-19 6')

QC Batch No: L703609/L703225

The sample was diluted due to the nature of the sample matrix. Reporting limits have been adjusted accordingly.

Sample 86683 (PMW-25 6')

QC Batch No: L703609/L703225

Surrogate recovery(s) was flagged as outside QC limits due to high levels of target and/or non-target analytes. Batch QC samples (method blank and laboratory control samples) all showed surrogates within QC limits.

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 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 5/57.17). This form has been approved by the Forms Management Center.

**Illinois Environmental Protection Agency
Leaking Underground Storage Tank Program
Laboratory Certification for Chemical Analysis**

A. Site Identification

IEMA Incident # (6- or 8-digit): 991372 IEPA LPC# (10-digit): 1671203337

Site Name: Illinois Ayers Oil Co

Site Address (Not a P.O. Box): 430 Stanford Avenue

City: Springfield County: Sangamon ZIP Code: 62703

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.

DKL
(initial)
DKL
(initial)
DKL
(initial)
DKL
(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.

KS
(initial)
KS
(initial)
KS
(initial)
KS
(initial)

- 5. Sample holding times were not exceeded. KS
(initial)
- 6. SW-846 Analytical Laboratory Procedure (USEPA) methods were used for the analyses. KS
(initial)
- 7. An accredited lab performed quantitative analysis using test methods identified in 35 IAC 186.180 (for samples collected on or after January 1, 2003). KS
(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: Dan Lacey
Title: Senior Scientist
Company: Perry Environmental, Inc.
Address: 900 South Spring Street
City: Springfield
State: Illinois
ZIP Code: 62704
Phone: 217-523-5446
Signature: [Signature]
Date: 9/1/23

Laboratory Representative

Name: Kim Storey
Title: Project Manager
Company: Waypoint Analytical
Address: 2790 Whitten Road
City: Memphis
State: Tennessee
ZIP Code: 38133
Phone: 901-213-2400
Signature: [Signature]
Date: 9.18.23



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28638
 Perry Environmental Inc
 Mr. Mike Keebler
 900 South Spring Street
 Springfield , IL 62704

Project IL Ayers Oil Company
 Information : Springfield IL
 Project # 22-1021

Report Date : 09/26/2023
 Received : 09/06/2023

Kim S Storey

Report Number : 23-249-0004

REPORT OF ANALYSIS

Lab No : 86681
 Sample ID : PB-19 6'

Matrix: Solids
 Sampled: 8/30/2023 11:10

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	19.1	%	0	0.050	1	09/07/23 10:47	CAH	SW-DRYWT
Total Solids	80.9	%	0	0.050	1	09/07/23 10:47	CAH	SW-DRYWT

Qualifiers/	*	Outside QC Limit	DF	Dilution Factor
Definitions	J	Estimated value	MQL	Method Quantitation Limit



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Report Date : 09/26/2023
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Kim S Storey

Report Number : 23-249-0004

REPORT OF ANALYSIS

Lab No : 86681
 Sample ID : PB-19 6'

Matrix: Solids
 Sampled: 8/30/2023 11:10

Analytical Method: 8270D SIM Prep Batch(es): L703225 09/08/23 05:39
 Prep Method: 35508

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(k)fluoranthene	<0.00271	mg/Kg - dry	0.00271	0.00414	5	09/08/23 15:59	SMB	L703609
Chrysene	0.00407 J	mg/Kg - dry	0.00386	0.00414	5	09/08/23 15:59	SMB	L703609
Dibenz(a,h)anthracene	<0.00379	mg/Kg - dry	0.00379	0.00414	5	09/08/23 15:59	SMB	L703609
Fluoranthene	0.00947	mg/Kg - dry	0.00244	0.00414	5	09/08/23 15:59	SMB	L703609
Fluorene	0.0383	mg/Kg - dry	0.00177	0.00414	5	09/08/23 15:59	SMB	L703609
Indeno(1,2,3-cd)pyrene	<0.00388	mg/Kg - dry	0.00388	0.00414	5	09/08/23 15:59	SMB	L703609
1-Methylnaphthalene	0.849	mg/Kg - dry	0.00679	0.0125	5	09/08/23 15:59	SMB	L703609
2-Methylnaphthalene	1.71	mg/Kg - dry	0.0120	0.0125	5	09/08/23 15:59	SMB	L703609
Naphthalene	1.18	mg/Kg - dry	0.00902	0.0125	5	09/08/23 15:59	SMB	L703609
Phenanthrene	0.0580	mg/Kg - dry	0.00261	0.00414	5	09/08/23 15:59	SMB	L703609
Pyrene	0.0140	mg/Kg - dry	0.00398	0.00414	5	09/08/23 15:59	SMB	L703609
Surrogate: 2-Fluorobiphenyl	50.6		Limits: 33-115%		5	09/08/23 15:59	SMB	L703609
Surrogate: Nitrobenzene-d5	85.8		Limits: 29-110%		5	09/08/23 15:59	SMB	L703609
Surrogate: 4-Terphenyl-d14	56.4		Limits: 33-122%		5	09/08/23 15:59	SMB	L703609

Qualifiers/ Definitions	*	Outside QC Limit	DF	Dilution Factor
	J	Estimated value	ML	Method Quantitation Limit



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Project IL Ayers Oil Company

Information : Springfield IL
 Project # 22-1021

Report Date : 09/26/2023
 Received : 09/06/2023

Kim S Storey

Report Number : 23-249-0004

REPORT OF ANALYSIS

Lab No : 86682
 Sample ID : PMW-24 6'

Matrix: Solids
 Sampled: 8/30/2023 11:35

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	21.3	%	0	0.050	1	09/07/23 13:38	CAH	SW-DRYWT
Total Solids	78.7	%	0	0.050	1	09/07/23 13:38	CAH	SW-DRYWT

Qualifiers/ Definitions	*	Outside QC Limit	DF	Dilution Factor
	J	Estimated value	MQL	Method Quantitation Limit



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Information : Springfield IL
 Project # 22-1021

Report Date : 09/26/2023
 Received : 09/06/2023

Kim S Storey

Report Number : 23-249-0004

REPORT OF ANALYSIS

Lab No : 86682
 Sample ID : PMW-24 6'

Matrix: Solids
 Sampled: 8/30/2023 11:35

Analytical Method: 8270D SIM Prep Batch(es): L703225 09/08/23 05:39
 Prep Method: 3550B

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Fluoranthene	0.000869	mg/Kg - dry	0.000500	0.000851	1	09/08/23 15:11	SMB	L703609
Fluorene	0.00266	mg/Kg - dry	0.000363	0.000851	1	09/08/23 15:11	SMB	L703609
Indeno(1,2,3-cd)pyrene	<0.000796	mg/Kg - dry	0.000796	0.000851	1	09/08/23 15:11	SMB	L703609
1-Methylnaphthalene	0.145	mg/Kg - dry	0.00139	0.00255	1	09/08/23 15:11	SMB	L703609
2-Methylnaphthalene	0.296	mg/Kg - dry	0.00247	0.00255	1	09/08/23 15:11	SMB	L703609
Naphthalene	0.156	mg/Kg - dry	0.00184	0.00255	1	09/08/23 15:11	SMB	L703609
Phenanthrene	0.00487	mg/Kg - dry	0.000534	0.000851	1	09/08/23 15:11	SMB	L703609
Pyrene	0.000997	mg/Kg - dry	0.000817	0.000851	1	09/08/23 15:11	SMB	L703609
Surrogate: 2-Fluorobiphenyl	58.3			Limits: 33-115%	1	09/08/23 15:11	SMB	L703609
Surrogate: Nitrobenzene-d5	59.2			Limits: 29-110%	1	09/08/23 15:11	SMB	L703609
Surrogate: 4-Terphenyl-d14	63.7			Limits: 33-122%	1	09/08/23 15:11	SMB	L703609

Qualifiers/Definitions	*	Outside QC Limit	DF	Dilution Factor
	J	Estimated value	ML	Method Quantitation Limit



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Information : Springfield IL
 Project # 22-1021

Report Date : 09/26/2023
 Received : 09/06/2023

Kim S Storey.

Report Number : 23-249-0004

REPORT OF ANALYSIS

Lab No : 86683
 Sample ID : PMW-25 6'

Matrix: Solids
 Sampled: 8/30/2023 12:00

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	21.7	%	0	0.050	1	09/07/23 13:38	CAH	SW-DRYWT
Total Solids	78.3	%	0	0.050	1	09/07/23 13:38	CAH	SW-DRYWT

Qualifiers/	*	Outside QC Limit	DF	Dilution Factor
Definitions	J	Estimated value	MQL	Method Quantitation Limit



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Report Date : 09/26/2023
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Kim S Storey

Report Number : 23-249-0004

REPORT OF ANALYSIS

Lab No : 86683
 Sample ID : PMW-25 6'

Matrix: Solids
 Sampled: 8/30/2023 12:00

Analytical Method: 8270D SIM Prep Batch(es): L703225 09/08/23 05:39
 Prep Method: 35508

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(k)fluoranthene	<0.00280	mg/Kg - dry	0.00280	0.00428	5	09/08/23 16:31	SMB	L703609
Chrysene	<0.00398	mg/Kg - dry	0.00398	0.00428	5	09/08/23 16:31	SMB	L703609
Dibenz(a,h)anthracene	<0.00392	mg/Kg - dry	0.00392	0.00428	5	09/08/23 16:31	SMB	L703609
Fluoranthene	<0.00252	mg/Kg - dry	0.00252	0.00428	5	09/08/23 16:31	SMB	L703609
Fluorene	0.0134	mg/Kg - dry	0.00183	0.00428	5	09/08/23 16:31	SMB	L703609
Indeno(1,2,3-cd)pyrene	<0.00401	mg/Kg - dry	0.00401	0.00428	5	09/08/23 16:31	SMB	L703609
1-Methylnaphthalene	1.72	mg/Kg - dry	0.00701	0.0129	5	09/08/23 16:31	SMB	L703609
2-Methylnaphthalene	3.54	mg/Kg - dry	0.0124	0.0129	5	09/08/23 16:31	SMB	L703609
Naphthalene	2.07	mg/Kg - dry	0.00932	0.0129	5	09/08/23 16:31	SMB	L703609
Phenanthrene	0.0193	mg/Kg - dry	0.00269	0.00428	5	09/08/23 16:31	SMB	L703609
Pyrene	<0.00411	mg/Kg - dry	0.00411	0.00428	5	09/08/23 16:31	SMB	L703609
Surrogate: 2-Fluorobiphenyl	67.9			Limits: 33-115%	5	09/08/23 16:31	SMB	L703609
Surrogate: Nitrobenzene-d5	144 *			Limits: 29-110%	5	09/08/23 16:31	SMB	L703609
Surrogate: 4-Terphenyl-d14	71.8			Limits: 33-122%	5	09/08/23 16:31	SMB	L703609

Qualifiers/ Definitions	*	Outside QC Limit	DF	Dilution Factor
	J	Estimated value	ML	Method Quantitation Limit



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Project IL Ayers Oil Company
 Information : Springfield IL
 Project # 22-1021

Report Date : 09/26/2023
 Received : 09/06/2023

Kim S Storey

Report Number : 23-249-0004

REPORT OF ANALYSIS

Lab No : 86684
 Sample ID : PMW-26 6'

Matrix: Solids
 Sampled: 8/30/2023 12:25

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	18.7	%	0	0.050	1	09/07/23 13:38	CAH	SW-DRYWT
Total Solids	81.3	%	0	0.050	1	09/07/23 13:38	CAH	SW-DRYWT

Qualifiers/	*	Outside QC Limit	DF	Dilution Factor
Definitions	J	Estimated value	MQL	Method Quantitation Limit



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Information : Springfield IL
 Project # 22-1021

Report Date : 09/26/2023
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Kim S Storey

Report Number : 23-249-0004

REPORT OF ANALYSIS

Lab No : 86684
 Sample ID : PMW-26 6'

Matrix: Solids
 Sampled: 8/30/2023 12:25

Analytical Method: 8260B Prep Batch(es): L703540 09/09/23 08:58
 Prep Method: 5035

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Benzene	0.0016 J	mg/Kg - dry	0.0004	0.0024	1	09/09/23 14:18	ELM	L703541
Ethylbenzene	0.0017 J	mg/Kg - dry	0.0007	0.0024	1	09/09/23 14:18	ELM	L703541
Methyl tert-butyl ether (MTBE)	<0.0007	mg/Kg - dry	0.0007	0.0024	1	09/09/23 14:18	ELM	L703541
Toluene	<0.0040	mg/Kg - dry	0.0040	0.0049	1	09/09/23 14:18	ELM	L703541
Xylene (Total)	0.0024 J	mg/Kg - dry	0.0009	0.0024	1	09/09/23 14:18		L703541
Surrogate: 4-Bromofluorobenzene	90.1			Limits: 60-140%	1	09/09/23 14:18	ELM	L703541
Surrogate: 1,2-Dichloroethane - d4	87.8			Limits: 60-140%	1	09/09/23 14:18	ELM	L703541
Surrogate: Toluene-d8	94.7			Limits: 60-140%	1	09/09/23 14:18	ELM	L703541

Analytical Method: 8270D SIM Prep Batch(es): L703225 09/08/23 05:39
 Prep Method: 3550B

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.000373	mg/Kg - dry	0.000373	0.000824	1	09/08/23 15:27	SMB	L703609
Acenaphthylene	<0.000332	mg/Kg - dry	0.000332	0.000824	1	09/08/23 15:27	SMB	L703609
Anthracene	<0.000410	mg/Kg - dry	0.000410	0.000824	1	09/08/23 15:27	SMB	L703609
Benzo(a)anthracene	<0.000606	mg/Kg - dry	0.000606	0.000824	1	09/08/23 15:27	SMB	L703609
Benzo(a)pyrene	<0.000575	mg/Kg - dry	0.000575	0.000824	1	09/08/23 15:27	SMB	L703609
Benzo(b)fluoranthene	0.00105	mg/Kg - dry	0.000719	0.000824	1	09/08/23 15:27	SMB	L703609
Benzo(g,h,i)perylene	0.00149	mg/Kg - dry	0.000785	0.000824	1	09/08/23 15:27	SMB	L703609
Benzo(k)fluoranthene	<0.000537	mg/Kg - dry	0.000537	0.000824	1	09/08/23 15:27	SMB	L703609
Chrysene	<0.000767	mg/Kg - dry	0.000767	0.000824	1	09/08/23 15:27	SMB	L703609
Dibenz(a,h)anthracene	<0.000755	mg/Kg - dry	0.000755	0.000824	1	09/08/23 15:27	SMB	L703609

Qualifiers/ Definitions * J Outside QC Limit Estimated value DF MQL Dilution Factor Method Quantitation Limit



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 Received : 09/06/2023

Kim S Storey

Report Number : 23-249-0004

REPORT OF ANALYSIS

Lab No : 86684
 Sample ID : PMW-26 6'

Matrix: Solids
 Sampled: 8/30/2023 12:25

Analytical Method: 8270D SIM Prep Batch(es): L703225 09/08/23 05:39
 Prep Method: 3550B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Fluoranthene	0.00105	mg/Kg - dry	0.000484	0.000824	1	09/08/23 15:27	SMB	L703609
Fluorene	<0.000351	mg/Kg - dry	0.000351	0.000824	1	09/08/23 15:27	SMB	L703609
Indeno(1,2,3-cd)pyrene	<0.000771	mg/Kg - dry	0.000771	0.000824	1	09/08/23 15:27	SMB	L703609
1-Methylnaphthalene	<0.00134	mg/Kg - dry	0.00134	0.00247	1	09/08/23 15:27	SMB	L703609
2-Methylnaphthalene	<0.00239	mg/Kg - dry	0.00239	0.00247	1	09/08/23 15:27	SMB	L703609
Naphthalene	<0.00178	mg/Kg - dry	0.00178	0.00247	1	09/08/23 15:27	SMB	L703609
Phenanthrene	<0.000517	mg/Kg - dry	0.000517	0.000824	1	09/08/23 15:27	SMB	L703609
Pyrene	0.00114	mg/Kg - dry	0.000790	0.000824	1	09/08/23 15:27	SMB	L703609
Surrogate: 2-Fluorobiphenyl	58.0			Limits: 33-115%	1	09/08/23 15:27	SMB	L703609
Surrogate: Nitrobenzene-d5	54.7			Limits: 29-110%	1	09/08/23 15:27	SMB	L703609
Surrogate: 4-Terphenyl-d14	66.1			Limits: 33-122%	1	09/08/23 15:27	SMB	L703609

Qualifiers/ * Outside QC Limit DF Dilution Factor
 Definitions J Estimated value MQL Method Quantitation Limit



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Project IL Ayers Oil Company

Information : Springfield IL
 Project # 22-1021

Report Date : 09/26/2023
 Received : 09/06/2023

Kim S Storey

Report Number : 23-249-0004

REPORT OF ANALYSIS

Lab No : 86685
 Sample ID : PMW-27 6'

Matrix: Solids
 Sampled: 8/30/2023 12:55

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Method
Moisture	20.2	%	0	0.050	1	09/07/23 13:38	CAH	SW-DRYWT
Total Solids	79.8	%	0	0.050	1	09/07/23 13:38	CAH	SW-DRYWT

Qualifiers/	*	Outside QC Limit	DF	Dilution Factor
Definitions	J	Estimated value	MQL	Method Quantitation Limit



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Project IL Ayers Oil Company

Information : Springfield IL
 Project # 22-1021

Report Date : 09/26/2023
 Received : 09/06/2023

Kim S Storey

Report Number : 23-249-0004

REPORT OF ANALYSIS

Lab No : 86685
 Sample ID : PMW-27 6'

Matrix: Solids
 Sampled: 8/30/2023 12:55

Analytical Method: 8270D SIM Prep Batch(es): L703225 09/08/23 05:39
 Prep Method: 3550B

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Fluoranthene	0.0966	mg/Kg - dry	0.00247	0.00420	5	09/08/23 15:43	SMB	L703609
Fluorene	<0.00179	mg/Kg - dry	0.00179	0.00420	5	09/08/23 15:43	SMB	L703609
Indeno(1,2,3-cd)pyrene	0.0457	mg/Kg - dry	0.00393	0.00420	5	09/08/23 15:43	SMB	L703609
1-Methylnaphthalene	<0.00688	mg/Kg - dry	0.00688	0.0127	5	09/08/23 15:43	SMB	L703609
2-Methylnaphthalene	<0.0122	mg/Kg - dry	0.0122	0.0127	5	09/08/23 15:43	SMB	L703609
Naphthalene	<0.00915	mg/Kg - dry	0.00915	0.0127	5	09/08/23 15:43	SMB	L703609
Phenanthrene	0.0164	mg/Kg - dry	0.00264	0.00420	5	09/08/23 15:43	SMB	L703609
Pyrene	0.116	mg/Kg - dry	0.00404	0.00420	5	09/08/23 15:43	SMB	L703609
Surrogate: 2-Fluorobiphenyl	56.5			Limits: 33-115%	5	09/08/23 15:43	SMB	L703609
Surrogate: Nitrobenzene-d5	53.8			Limits: 29-110%	5	09/08/23 15:43	SMB	L703609
Surrogate: 4-Terphenyl-d14	57.8			Limits: 33-122%	5	09/08/23 15:43	SMB	L703609

Qualifiers/Definitions	*	Outside QC Limit	DF	Dilution Factor
	J	Estimated value	MQL	Method Quantitation Limit



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Quality Control Data

Client ID: Perry Environmental Inc
Project Description: IL Ayers Oil Company
Report No: 23-249-0004

QC Prep: L703540 **QC Analytical Batch(es):** L703541
QC Prep Batch Method: 5035 **Analysis Method:** 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Lab Reagent Blank LRB-L703540 **Matrix:** SOL
 Associated Lab Samples: 86681, 86682, 86683, 86684, 86685

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
Benzene	mg/Kg	<0.0003	0.0003	0.0020	09/09/23 12:10		
Ethylbenzene	mg/Kg	<0.0006	0.0006	0.0020	09/09/23 12:10		
Methyl tert-butyl ether (MTBE)	mg/Kg	<0.0006	0.0006	0.0020	09/09/23 12:10		
m,p-Xylene	mg/Kg	<0.0014	0.0014	0.0040	09/09/23 12:10		
o-Xylene	mg/Kg	<0.0007	0.0007	0.0020	09/09/23 12:10		
Toluene	mg/Kg	<0.0032	0.0032	0.0040	09/09/23 12:10		
4-Bromofluorobenzene (S)					09/09/23 12:10	84.7	60-140
1,2-Dichloroethane - d4 (S)					09/09/23 12:10	91.9	60-140
Toluene-d8 (S)					09/09/23 12:10	90.0	60-140

Laboratory Control Sample & LCSD LCS-L703540 LCSD-L703540

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Benzene	mg/Kg	0.100	0.0940	0.0927	94.0	92.7	60-140	1.3	20
Ethylbenzene	mg/Kg	0.100	0.101	0.101	101	101	60-140	0.0	20
Methyl tert-butyl ether (MTBE)	mg/Kg	0.100	0.103	0.0832	103	83.2	60-140	21.2*	20
m,p-Xylene	mg/Kg	0.200	0.208	0.206	104	103	60-140	0.9	20
o-Xylene	mg/Kg	0.100	0.104	0.102	104	102	60-140	1.9	20
Toluene	mg/Kg	0.100	0.103	0.103	103	103	60-140	0.0	20
4-Bromofluorobenzene (S)					100	98.0	60-140		
1,2-Dichloroethane - d4 (S)					91.8	88.6	60-140		
Toluene-d8 (S)					101	99.9	60-140		

* QC Fail

Date: 09/26/2023 04:16 PM

Page 1 of 7



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Quality Control Data

Client ID: Perry Environmental Inc
Project Description: IL Ayers Oil Company
Report No: 23-249-0004

QC Prep: L704317 **QC Analytical Batch(es):** L704354
QC Prep Batch Method: 5035 **Analysis Method:** 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Lab Reagent Blank LRB-L704317 Matrix: SOL
 Associated Lab Samples: 86681, 86683

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
Benzene	mg/Kg	<0.0250	0.0250	0.0500	09/13/23 13:08		
Ethylbenzene	mg/Kg	<0.0720	0.0720	0.200	09/13/23 13:08		
m,p-Xylene	mg/Kg	<0.0850	0.0850	0.400	09/13/23 13:08		
o-Xylene	mg/Kg	<0.0960	0.0960	0.200	09/13/23 13:08		
4-Bromofluorobenzene (S)					09/13/23 13:08	85.3	40-140
1,2-Dichloroethane - d4 (S)					09/13/23 13:08	73.7	40-140
Toluene-d8 (S)					09/13/23 13:08	94.1	40-140

Laboratory Control Sample & LCSD LCS-L704317 LCSD-L704317

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Benzene	mg/Kg	20.0	16.4	17.6	82.0	88.0	40-140	7.0	30
Ethylbenzene	mg/Kg	20.0	18.5	20.0	92.5	100	40-140	7.7	30
m,p-Xylene	mg/Kg	40.0	37.1	39.8	92.7	99.5	40-140	7.0	30
o-Xylene	mg/Kg	20.0	18.6	20.2	93.0	101	40-140	8.2	30
Toluene	mg/Kg	20.0	19.1	20.5	95.5	103	40-140	7.0	30
4-Bromofluorobenzene (S)					87.3	96.7	40-140		
1,2-Dichloroethane - d4 (S)					83.3	86.3	40-140		
Toluene-d8 (S)					93.8	100	40-140		



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Quality Control Data

Client ID: Perry Environmental Inc
Project Description: IL Ayers Oil Company
Report No: 23-249-0004

QC Prep: L703225 **QC Analytical Batch(es):** L703609
QC Prep Batch Method: 3550B **Analysis Method:** 8270D SIM
Analysis Description: Semivolatile Organic Compounds - GC/MS (SIM)

Lab Reagent Blank LRB-L703225 **Matrix:** SOL
 Associated Lab Samples: 86681, 86682, 86683, 86684, 86685

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
Acenaphthene	mg/Kg	<0.000304	0.000304	0.000670	09/08/23 14:55		
Acenaphthylene	mg/Kg	<0.000270	0.000270	0.000670	09/08/23 14:55		
Anthracene	mg/Kg	<0.000334	0.000334	0.000670	09/08/23 14:55		
Benzo(a)anthracene	mg/Kg	<0.000493	0.000493	0.000670	09/08/23 14:55		
Benzo(a)pyrene	mg/Kg	<0.000468	0.000468	0.000670	09/08/23 14:55		
Benzo(b)fluoranthene	mg/Kg	<0.000585	0.000585	0.000670	09/08/23 14:55		
Benzo(g,h,i)perylene	mg/Kg	<0.000639	0.000639	0.000670	09/08/23 14:55		
Benzo(k)fluoranthene	mg/Kg	<0.000437	0.000437	0.000670	09/08/23 14:55		
Chrysene	mg/Kg	<0.000624	0.000624	0.000670	09/08/23 14:55		
Dibenz(a,h)anthracene	mg/Kg	<0.000614	0.000614	0.000670	09/08/23 14:55		
Fluoranthene	mg/Kg	<0.000394	0.000394	0.000670	09/08/23 14:55		
Fluorene	mg/Kg	<0.000286	0.000286	0.000670	09/08/23 14:55		
Indeno(1,2,3-cd)pyrene	mg/Kg	<0.000627	0.000627	0.000670	09/08/23 14:55		
1-Methylnaphthalene	mg/Kg	<0.00109	0.00109	0.00201	09/08/23 14:55		
2-Methylnaphthalene	mg/Kg	<0.00194	0.00194	0.00201	09/08/23 14:55		
Naphthalene	mg/Kg	<0.00145	0.00145	0.00201	09/08/23 14:55		
Phenanthrene	mg/Kg	<0.000421	0.000421	0.000670	09/08/23 14:55		
Pyrene	mg/Kg	<0.000643	0.000643	0.000670	09/08/23 14:55		
2-Fluorobiphenyl (S)					09/08/23 14:55	61.8	33-115
Nitrobenzene-d5 (S)					09/08/23 14:55	55.8	29-110
4-Terphenyl-d14 (S)					09/08/23 14:55	65.7	33-122

Laboratory Control Sample LCS-L703225

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Acenaphthene	mg/Kg	0.167	0.106	63.4	30-130
Acenaphthylene	mg/Kg	0.167	0.104	62.2	30-130



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Quality Control Data

Client ID: Perry Environmental Inc
Project Description: IL Ayers Oil Company
Report No: 23-249-0004

QC Prep: L703225 **QC Analytical Batch(es):** L703609
QC Prep Batch Method: 3550B **Analysis Method:** 8270D SIM
Analysis Description: Semivolatile Organic Compounds - GC/MS (SIM)

Laboratory Control Sample LCS-L703225

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Anthracene	mg/Kg	0.167	0.111	66.4	30-130
Benzo(a)anthracene	mg/Kg	0.167	0.118	70.6	30-130
Benzo(a)pyrene	mg/Kg	0.167	0.119	71.2	30-130
Benzo(b)fluoranthene	mg/Kg	0.167	0.113	67.6	30-130
Benzo(g,h,i)perylene	mg/Kg	0.167	0.128	76.6	30-130
Benzo(k)fluoranthene	mg/Kg	0.167	0.122	73.0	30-130
Chrysene	mg/Kg	0.167	0.117	70.0	30-130
Dibenz(a,h)anthracene	mg/Kg	0.167	0.134	80.2	30-130
Fluoranthene	mg/Kg	0.167	0.117	70.0	30-130
Fluorene	mg/Kg	0.167	0.107	64.0	30-130
Indeno(1,2,3-cd)pyrene	mg/Kg	0.167	0.129	77.2	30-130
1-Methylnaphthalene	mg/Kg	0.167	0.105	62.8	30-130
2-Methylnaphthalene	mg/Kg	0.167	0.103	61.6	30-130
Naphthalene	mg/Kg	0.167	0.102	61.0	30-130
Phenanthrene	mg/Kg	0.167	0.112	67.0	30-130
Pyrene	mg/Kg	0.167	0.116	69.4	30-130
2-Fluorobiphenyl (S)				66.6	33-115
Nitrobenzene-d5 (S)				62.1	29-110
4-Terphenyl-d14 (S)				73.5	33-122

Matrix Spike & Matrix Spike Duplicate L 86685-MS-L703225 L 86685-MSD-L703225

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Acenaphthene	mg/Kg	<0.00152	0.163	0.164	0.0953	0.0965	58.4	58.8	30-130	1.2	30
Acenaphthylene	mg/Kg	<0.00135	0.163	0.164	0.0913	0.0941	56.0	57.3	30-130	3.0	30
Anthracene	mg/Kg	0.00320	0.163	0.164	0.104	0.101	61.8	59.6	30-130	2.9	30



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Quality Control Data

Client ID: Perry Environmental Inc
Project Description: IL Ayers Oil Company
Report No: 23-249-0004

QC Prep: L703225 **QC Analytical Batch(es):** L703609
QC Prep Batch Method: 3550B **Analysis Method:** 8270D SIM
Analysis Description: Semivolatile Organic Compounds - GC/MS (SIM)

Matrix Spike & Matrix Spike Duplicate L 86685-MS-L703225 L 86685-MSD-L703225

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Benzo(a)anthracene	mg/Kg	0.0363	0.163	0.164	0.122	0.114	52.5	47.3	30-130	6.7	30
Benzo(a)pyrene	mg/Kg	0.0422	0.163	0.164	0.123	0.116	49.5	45.0	30-130	5.8	30
Benzo(b)fluoranthene	mg/Kg	0.0564	0.163	0.164	0.119	0.106	38.4	30.2	30-130	11.5	30
Benzo(g,h,i)perylene	mg/Kg	0.0430	0.163	0.164	0.114	0.106	43.5	38.4	30-130	7.2	30
Benzo(k)fluoranthene	mg/Kg	0.0271	0.163	0.164	0.115	0.108	53.9	49.3	30-130	6.2	30
Chrysene	mg/Kg	0.0568	0.163	0.164	0.128	0.123	43.6	40.3	30-130	3.9	30
Dibenz(a,h)anthracene	mg/Kg	0.00906	0.163	0.164	0.106	0.104	59.4	57.8	30-130	1.9	30
Fluoranthene	mg/Kg	0.0771	0.163	0.164	0.133	0.125	34.2	29.2*	30-130	6.2	30
Fluorene	mg/Kg	<0.00143	0.163	0.164	0.0975	0.0977	59.8	59.5	30-130	0.2	30
Indeno(1,2,3-cd)pyrene	mg/Kg	0.0365	0.163	0.164	0.113	0.110	46.9	44.8	30-130	2.6	30
1-Methylnaphthalene	mg/Kg	<0.00549	0.163	0.164	0.0899	0.0945	55.1	57.6	30-130	4.9	30
2-Methylnaphthalene	mg/Kg	<0.00972	0.163	0.164	0.0892	0.0939	54.7	57.2	30-130	5.1	30
Naphthalene	mg/Kg	<0.00730	0.163	0.164	0.0843	0.0888	51.7	54.1	30-130	5.1	30
Phenanthrene	mg/Kg	0.0131	0.163	0.164	0.110	0.104	59.4	55.4	30-130	5.6	30
Pyrene	mg/Kg	0.0926	0.163	0.164	0.141	0.131	29.6*	23.4*	30-130	7.3	30
2-Fluorobiphenyl (S)							57.1	57.7	33-115		
Nitrobenzene-d5 (S)							51.9	55.3	29-110		
4-Terphenyl-d14 (S)							65.7	62.0	33-122		

* QC Fail



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Quality Control Data

Client ID: Perry Environmental Inc
Project Description: IL Ayers Oil Company
Report No: 23-249-0004

QC Analytical Batch: L703063
Analysis Method: SW-DRYWT
Analysis Description: Dry Weight Determination

Duplicate V 93965-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Moisture	%	10.9	9.76	11.0	20.0	09/07/23 10:47
Total Solids	%	89.1	90.2	1.2	10.0	09/07/23 10:47



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Quality Control Data

Client ID: Perry Environmental Inc
Project Description: IL Ayers Oil Company
Report No: 23-249-0004

QC Analytical Batch: L703132
Analysis Method: SW-DRYWT
Analysis Description: Dry Weight Determination

Duplicate L 86684-DUP

Parameter	Units	Result	DUP Result	RPD	Max RPD	Analyzed
Moisture	%	18.7	18.3	2.1	20.0	09/07/23 13:38
Total Solids	%	81.3	81.7	0.4	10.0	09/07/23 13:38



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Shipment Receipt Form

Customer Number: 28638

Customer Name: Perry Environmental Inc

Report Number: 23-249-0004

Shipping Method

<input type="radio"/> Fed Ex	<input type="radio"/> US Postal	<input type="radio"/> Lab	<input type="radio"/> Other :	<input type="text"/>
<input type="radio"/> UPS	<input type="radio"/> Client	<input checked="" type="radio"/> Courier	Thermometer ID:	<input type="text" value="T136"/>

Shipping container/cooler uncompromised?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Number of coolers/boxes received	<input type="text" value="1"/>		
Custody seals intact on shipping container/cooler?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not Present
Custody seals intact on sample bottles?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not Present
Chain of Custody (COC) present?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC agrees with sample label(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC properly completed	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Samples in proper containers?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sample containers intact?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sufficient sample volume for indicated test(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
All samples received within holding time?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Cooler temperature in compliance?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Water - Sample containers properly preserved	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Water - VOA vials free of headspace	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Trip Blanks received with VOAs	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
Soil VOA method 5035 – compliance criteria met	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
<input type="checkbox"/> High concentration container (48 hr)		<input type="checkbox"/> Low concentration EnCore samplers (48 hr)	
<input type="checkbox"/> High concentration pre-weighed (methanol -14 d)		<input type="checkbox"/> Low conc pre-weighed vials (Sod Bis -14 d)	
Special precautions or instructions included?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	

Comments:

Signature:

Date & Time:


Client Name/Address Perry Environmental, Inc. 900 South Spring Street, Springfield, IL 62704	Client Project Manager/Contact Josh Fortado	Billing Information 900 South Spring Street, Springfield, IL 62704	For Laboratory Use Only	
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Project Description IL Ayers Oil Company	Project/Site Location (City/State) Springfield, Illinois	<input type="checkbox"/> RUSH - Additional charges apply <input type="checkbox"/> Special Detection Limit(s) Date Results Needed	Method of Shipment <input type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> USPS <input checked="" type="checkbox"/> Courier <input type="checkbox"/> Client Drop Off Other	Matrix Key WW - Wastewater GW - Groundwater DW - Drinking Water S - Soil /Solid O - Oil P - Product M - Misc
--	--	--	--	--

Project Number 22-1021	Project Manager Phone # (217) 523-5446	Project Manager Email jfortado@perryenvironmental.net	Purchase Order Number	Site/Facility ID #
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Waypoint ANALYTICAL 2790 Whitten Road Memphis, TN 38133 (901) 213-2400	Unless noted, all containers per Table II of 40 CFR Part 136.	Number of Containers Matrix (Refer to Key)	(G)rab or (C)omposite BTEX/MTBE PNA	Required Analysis / Preservative	Comments/Notes	A Cool < 10C Na2S2O3 (Micro Only)
						B Cool <= 6C C H2SO4 pH<2 D None Required E NaOH pH>10 F HNO3 pH<2 G HCL pH<2 H H3PO4 pH<2 I Cool <= 6C NA2S2O3

Date	Time	Sample Identification	Number of Containers	Matrix (Refer to Key)	(G)rab or (C)omposite	BTEX/MTBE	PNA	Required Analysis / Preservative	Comments/Notes
08/30/23	11:10 AM	PB-19 6'	5	S	G	✓	✓		
08/30/23	11:35 AM	PMW-24 6'	5	S	G	✓	✓		
08/30/23	12:00 PM	PMW-25 6'	5	S	G	✓	✓		
08/30/23	12:25 PM	PMW-26 6'	5	S	G	✓	✓		
08/30/23	12:55 PM	PMW-27 6'	5	S	G	✓	✓		



23-249-0004
28638
09-06-2023
12:52:05
Perry Environmental Inc
Perry Environmental

For Laboratory Use Only		Sampled by (Name - Print) Dan Lacey	Client Remarks/Comments		
Ice BYN	Custody Seals YIN	Relinquished by: (SIGNATURE) <i>[Signature]</i> Relinquished by: (SIGNATURE) <i>[Signature]</i> Relinquished by: (SIGNATURE) <i>[Signature]</i>	Date Time 9/5/23 10:10	Received by: (SIGNATURE) <i>[Signature]</i>	Date Time 9/5/23 10:10
Blank/Cooler Temp 0.7, 0.4°C T136 me			Date Time 9/6/23 0845	Received by: (SIGNATURE) <i>[Signature]</i>	Date Time 9/6/23 10:14

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Electronic Filing: Received Clerk's Office 09/18/2024

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 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 5/57.17). This form has been approved by the Forms Management Center.

**Illinois Environmental Protection Agency
Leaking Underground Storage Tank Program
Laboratory Certification for Chemical Analysis**

A. Site Identification

IEMA Incident # (6- or 8-digit): 991372 IEPA LPC# (10-digit): 1671203337
Site Name: Illinois Ayers Oil Co
Site Address (Not a P.O. Box): 430 Stanford Avenue
City: Springfield County: Sangamon ZIP Code: 62703
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.

DKL
(initial)
DKL
(initial)
DKL
(initial)
DKL
(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.

(initial)

(initial)

(initial)

(initial)

- 5. Sample holding times were not exceeded. _____
(initial)

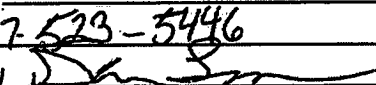
- 6. SW-846 Analytical Laboratory Procedure (USEPA) methods were used for the analyses. _____
(initial)

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

D. Signatures

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

Sample Collector

Name: Dan Lacey
Title: Senior Scientist
Company: Perry Environmental, Inc.
Address: 900 South Spring Street
City: Springfield
State: Illinois
ZIP Code: 62704
Phone: 217-523-5446
Signature: 
Date: 9/1/23

Laboratory Representative

Name: _____
Title: _____
Company: Waypoint Analytical
Address: 2790 Whitten Road
City: Memphis
State: Tennessee
ZIP Code: 38133
Phone: -
Signature: _____
Date: _____



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10/20/2023

Perry Environmental Inc
Mr. Mike Keebler
900 South Spring Street
Springfield, IL, 62704

Ref: Analytical Testing
Lab Report Number: 23-270-0023
Client Project Description: Illinois Ayers Oil Company (Beeline Prop
Springfield, IL
Project #22-1021

Dear Mr. Mike Keebler:
Waypoint Analytical, LLC. received sample(s) on 9/27/2023 for the analyses presented in the following report.

The above referenced project has been analyzed per your instructions. The analyses were performed in accordance with the applicable analytical method. Where the laboratory was not responsible for the sampling stage (refer to the chain of custody) results apply to the sample as received.

The analytical data has been validated using standard quality control measures performed as required by the analytical method. Quality Assurance, method validations, instrumentation maintenance and calibration for all parameters (NELAP and non-NELAP) were performed in accordance with guidelines established by the USEPA (including 40 CFR 136 Method Update Rule May 2021) and NELAC unless otherwise indicated. Any parameter for which the laboratory is not officially NELAP accredited is indicated by a '~' symbol. These are not included in the scope because NELAP accreditation is either not available or has not been applied for. Additional certifications may be held/are available for parameters, where NELAP accreditation is not required or applicable. A full list of certifications is available upon request.

Certain parameters (chlorine, pH, dissolved oxygen, sulfite...) are required to be analyzed within 15 minutes of sampling. Usually, but not always, any field parameter analyzed at the laboratory is outside of this holding time. Refer to sample analysis time for confirmation of holding time compliance.

The results are shown on the attached Report of Analysis(s). Results for solid matrices are reported on an as-received basis unless otherwise indicated. This report shall not be reproduced except in full and relates only to the samples included in this report.

Please do not hesitate to contact me or client services if you have any questions or need additional information.

Sincerely,

A handwritten signature in black ink that reads "Kim Storey". The signature is written in a cursive, flowing style.

Kim S Storey

Laboratory's liability in any claim relating to analyses performed shall be limited to, at laboratory's option, repeating the analysis in question at laboratory's expense, or the refund of the charges paid for performance of said analysis.





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Certification Summary

Laboratory ID: WP MTN: Waypoint Analytical, LLC., Memphis, TN

State	Program	Lab ID	Expiration Date
Alabama	State Program	40750	02/29/2024
Arkansas	State Program	88-0650	02/07/2024
California	State Program	2904	06/30/2024
Florida	State Program - NELAP	E871157	06/30/2024
Georgia	State Program	C044	11/14/2025
Georgia	State Program	04015	06/30/2024
Illinois	State Program - NELAP	200078	10/31/2024
Kentucky	State Program	80215	06/30/2024
Kentucky	State Program	KY90047	12/31/2023
Louisiana	State Program - NELAP	LA037	12/31/2023
Louisiana	State Program - NELAP	04015	06/30/2024
Mississippi	State Program	MS	11/14/2025
North Carolina	State Program	47701	07/31/2024
North Carolina	State Program	415	12/31/2023
Pennsylvania	State Program - NELAP	68-03195	05/31/2024
South Carolina	State Program	84002	06/30/2024
Tennessee	State Program	02027	11/14/2025
Texas	State Program - NELAP	T104704180	09/30/2024
Virginia	State Program	00106	06/30/2024
Virginia	State Program - NELAP	460181	09/14/2024



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Sample Summary Table

Report Number: 23-270-0023
Client Project Description: Illinois Ayers Oil Company (Beeline Prop
Springfield, IL
Project #22-1021

Lab No	Client Sample ID	Matrix	Date Collected	Date Received
87318	MW-12	Aqueous	09/21/2023 13:00	09/27/2023
87319	MW-14	Aqueous	09/22/2023 08:00	09/27/2023
87320	MW-11	Aqueous	09/22/2023 08:30	09/27/2023
87321	PMW-25	Aqueous	09/22/2023 09:00	09/27/2023
87322	PMW-26	Aqueous	09/22/2023 09:30	09/27/2023
87323	MW-20	Aqueous	09/22/2023 10:00	09/27/2023
87324	MW-21	Aqueous	09/23/2023 10:30	09/27/2023
87325	PMW-24	Aqueous	09/22/2023 11:30	09/27/2023
87326	PMW-27	Aqueous	09/22/2023 12:00	09/27/2023
87327	MW-15	Aqueous	09/22/2023 12:30	09/27/2023
87328	MW-22	Aqueous	09/22/2023 13:30	09/27/2023
87329	MW-13	Aqueous	09/22/2023 14:00	09/27/2023
87330	MW-16	Aqueous	09/22/2023 14:30	09/27/2023
87331	MW-17	Aqueous	09/22/2023 15:00	09/27/2023
87332	MW-18	Aqueous	09/22/2023 15:30	09/27/2023
87333	MW-19	Aqueous	09/22/2023 16:00	09/27/2023

Summary Report

Report Number:	23-270-0023
Client:	Perry Environmental Inc
Project:	Illinois Ayers Oil Company (Beeline Prop
Project Number:	Springfield, IL

Legend: **Hit** **Exceed**

Client Sample ID:					MW-12	MW-14	MW-11	PMW-25	PMW-26
Lab Sample ID:					87318	87319	87320	87321	87322
Date Sampled:			RSL - mg/L		09/21/2023	09/22/2023	09/22/2023	09/22/2023	09/22/2023
Matrix			Aqueous		Aqueous	Aqueous	Aqueous	Aqueous	Aqueous

Volatile Organic Compounds - GC/MS (8260B)

Benzene	mg/L	0.005			0.003	ND (0.0007)	0.159	0.197	ND (0.0007)
Ethylbenzene	mg/L	0.7			0.001	ND (0.0009)	0.019	0.016	ND (0.0009)
Methyl tert-butyl ether (MTBE)	mg/L	0.07			0.0010 J	0.082	0.003	0.034	0.001
m,p-Xylene	mg/L	10			ND (0.001)	ND (0.001)	0.036	0.008	ND (0.001)
o-Xylene	mg/L	10			ND (0.0009)	ND (0.0009)	0.005	ND (0.0009)	ND (0.0009)
Toluene	mg/L	1			ND (0.0007)	ND (0.0007)	0.0008 J	ND (0.0007)	ND (0.0007)
Xylene (Total)	mg/L	10			ND (0.0009)	ND (0.0009)	0.041	0.008	ND (0.0009)

Semivolatile Organic Compounds - GC/MS (SIM) (8270D SIM)

Acenaphthene	mg/L	0.42			0.000113	ND (0.000018)	0.000042	0.000024	ND (0.000018)
Acenaphthylene	mg/L	0.21			ND (0.000014)	ND (0.000014)	ND (0.000014)	ND (0.000014)	ND (0.000014)
Anthracene	mg/L	2.1			ND (0.000005)	ND (0.000005)	ND (0.000005)	0.000013 J	0.000009 J
Benzo(a)anthracene	mg/L	0.00013			ND (0.000011)	ND (0.000011)	ND (0.000011)	ND (0.000011)	ND (0.000011)
Benzo(a)pyrene	mg/L	0.0002			ND (0.000012)	ND (0.000012)	ND (0.000012)	ND (0.000012)	ND (0.000012)
Benzo(b)fluoranthene	mg/L	0.00018			ND (0.000008)	ND (0.000008)	ND (0.000008)	ND (0.000008)	ND (0.000008)
Benzo(g,h,i)perylene	mg/L	0.00017			ND (0.000007)	ND (0.000007)	ND (0.000007)	ND (0.000007)	ND (0.000007)
Benzo(k)fluoranthene	mg/L	0.21			ND (0.000016)	ND (0.000016)	ND (0.000016)	ND (0.000016)	ND (0.000016)
Chrysene	mg/L	0.0015			ND (0.000008)	ND (0.000008)	ND (0.000008)	ND (0.000008)	ND (0.000008)

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000574

Summary Report

Report Number:	23-270-0023
Client:	Perry Environmental Inc
Project:	Illinois Ayers Oil Company (Beeline Prop
Project Number:	Springfield, IL

Legend: **Hit** **Exceed**

Client Sample ID:						MW-12	MW-14	MW-11	PMW-25	PMW-26
Lab Sample ID:						87318	87319	87320	87321	87322
Date Sampled:			RSL - mg/L			09/21/2023	09/22/2023	09/22/2023	09/22/2023	09/22/2023
Matrix			Aqueous			Aqueous	Aqueous	Aqueous	Aqueous	Aqueous

Semivolatile Organic Compounds - GC/MS (SIM) (8270D SIM)

Dibenz(a,h)anthracene	mg/L	0.0003			ND (0.000006)	ND (0.000006)	ND (0.000006)	ND (0.000006)	ND (0.000006)
Fluoranthene	mg/L	0.28			ND (0.000005)	ND (0.000005)	ND (0.000005)	ND (0.000005)	ND (0.000005)
Fluorene	mg/L	0.28			0.000021	ND (0.000010)	0.000014 J	ND (0.000010)	ND (0.000010)
Indeno(1,2,3-cd)pyrene	mg/L	0.00043			ND (0.000014)	ND (0.000014)	ND (0.000014)	ND (0.000014)	ND (0.000014)
1-Methylnaphthalene	mg/L				0.0114	0.000069	0.0229	0.0123	0.000035
2-Methylnaphthalene	mg/L				0.00932	0.000037	0.0223	0.00266	0.000020
Naphthalene	mg/L	0.14			0.00214	ND (0.000019)	0.00363	0.0298	0.000051
Phenanthrene	mg/L	0.21			ND (0.000008)	ND (0.000008)	ND (0.000008)	ND (0.000008)	ND (0.000008)
Pyrene	mg/L	0.21			ND (0.000009)	ND (0.000009)	ND (0.000009)	ND (0.000009)	ND (0.000009)

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000575

Summary Report

Report Number:	23-270-0023
Client:	Perry Environmental Inc
Project:	Illinois Ayers Oil Company (Beeline Prop
Project Number:	Springfield, IL

Legend: **Hit** **Exceed**

Client Sample ID:					MW-20	MW-21	PMW-24	PMW-27	MW-15
Lab Sample ID:					87323	87324	87325	87326	87327
Date Sampled:			RSL - mg/L		09/22/2023	09/23/2023	09/22/2023	09/22/2023	09/22/2023
Matrix			Aqueous		Aqueous	Aqueous	Aqueous	Aqueous	Aqueous

Volatile Organic Compounds - GC/MS (8260B)

Benzene	mg/L	0.005			ND (0.0007)	0.239	0.031	ND (0.0007)	ND (0.0007)
Ethylbenzene	mg/L	0.7			ND (0.0009)	0.008	0.021	ND (0.0009)	ND (0.0009)
Methyl tert-butyl ether (MTBE)	mg/L	0.07			0.057	0.358	0.270	ND (0.0008)	0.001
m,p-Xylene	mg/L	10			ND (0.001)	0.029	0.006	ND (0.001)	ND (0.001)
o-Xylene	mg/L	10			ND (0.0009)	0.001	ND (0.0009)	ND (0.0009)	ND (0.0009)
Toluene	mg/L	1			ND (0.0007)	0.010	ND (0.0007)	ND (0.0007)	ND (0.0007)
Xylene (Total)	mg/L	10			ND (0.0009)	0.030	0.006	ND (0.0009)	ND (0.0009)

Semivolatile Organic Compounds - GC/MS (SIM) (8270D SIM)

Acenaphthene	mg/L	0.42			0.000325	0.000241	ND (0.000018)	ND (0.000018)	ND (0.000018)
Acenaphthylene	mg/L	0.21			ND (0.000014)	0.000032	ND (0.000014)	ND (0.000014)	ND (0.000014)
Anthracene	mg/L	2.1			0.000079	0.000013 J	0.000008 J	0.000011 J	ND (0.000005)
Benzo(a)anthracene	mg/L	0.00013			ND (0.000011)	ND (0.000011)	ND (0.000011)	ND (0.000011)	ND (0.000011)
Benzo(a)pyrene	mg/L	0.0002			ND (0.000012)	ND (0.000012)	ND (0.000012)	ND (0.000012)	ND (0.000012)
Benzo(b)fluoranthene	mg/L	0.00018			ND (0.000008)	ND (0.000008)	ND (0.000008)	ND (0.000008)	ND (0.000008)
Benzo(g,h,i)perylene	mg/L	0.00017			ND (0.000007)	ND (0.000007)	ND (0.000007)	ND (0.000007)	ND (0.000007)
Benzo(k)fluoranthene	mg/L	0.21			ND (0.000016)	ND (0.000016)	ND (0.000016)	ND (0.000016)	ND (0.000016)
Chrysene	mg/L	0.0015			ND (0.000008)	ND (0.000008)	ND (0.000008)	ND (0.000008)	ND (0.000008)

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000576



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Summary Report

Report Number:	23-270-0023
Client:	Perry Environmental Inc
Project:	Illinois Ayers Oil Company (Beeline Prop
Project Number:	Springfield, IL

Legend: **Hit** **Exceed**

Client Sample ID:					MW-20	MW-21	PMW-24	PMW-27	MW-15
Lab Sample ID:					87323	87324	87325	87326	87327
Date Sampled:			RSL - mg/L		09/22/2023	09/23/2023	09/22/2023	09/22/2023	09/22/2023
Matrix			Aqueous		Aqueous	Aqueous	Aqueous	Aqueous	Aqueous

Semivolatile Organic Compounds - GC/MS (SIM) (8270D SIM)

Dibenz(a,h)anthracene	mg/L	0.0003			ND (0.000006)	ND (0.000006)	ND (0.000006)	ND (0.000006)	ND (0.000006)
Fluoranthene	mg/L	0.28			ND (0.000005)	ND (0.000005)	ND (0.000005)	ND (0.000005)	ND (0.000005)
Fluorene	mg/L	0.28			ND (0.000010)	0.000189	ND (0.000010)	ND (0.000010)	ND (0.000010)
Indeno(1,2,3-cd)pyrene	mg/L	0.00043			ND (0.000014)	ND (0.000014)	ND (0.000014)	ND (0.000014)	ND (0.000014)
1-Methylnaphthalene	mg/L				0.000047	0.0712	0.0239	0.000019 J	0.000025
2-Methylnaphthalene	mg/L				0.000025	0.0872	0.0270	ND (0.000018)	ND (0.000018)
Naphthalene	mg/L	0.14			0.000160	0.0100	0.119	ND (0.000019)	0.000023
Phenanthrene	mg/L	0.21			ND (0.000008)	0.000013 J	ND (0.000008)	ND (0.000008)	ND (0.000008)
Pyrene	mg/L	0.21			ND (0.000009)	ND (0.000009)	ND (0.000009)	ND (0.000009)	ND (0.000009)

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000577

Summary Report

Report Number:	23-270-0023
Client:	Perry Environmental Inc
Project:	Illinois Ayers Oil Company (Beeline Prop
Project Number:	Springfield, IL

Legend: **Hit** **Exceed**

Client Sample ID:					MW-22	MW-13	MW-16	MW-17	MW-18
Lab Sample ID:					87328	87329	87330	87331	87332
Date Sampled:		RSL - mg/L			09/22/2023	09/22/2023	09/22/2023	09/22/2023	09/22/2023
Matrix		Aqueous			Aqueous	Aqueous	Aqueous	Aqueous	Aqueous

Volatile Organic Compounds - GC/MS (8260B)

Benzene	mg/L	0.005			ND (0.0007)	ND (0.0007)	ND (0.0007)	ND (0.0007)	ND (0.0007)
Ethylbenzene	mg/L	0.7			ND (0.0009)	ND (0.0009)	ND (0.0009)	ND (0.0009)	ND (0.0009)
Methyl tert-butyl ether (MTBE)	mg/L	0.07			0.001	ND (0.0008)	ND (0.0008)	ND (0.0008)	ND (0.0008)
m,p-Xylene	mg/L	10			ND (0.001)	ND (0.001)	ND (0.001)	ND (0.001)	ND (0.001)
o-Xylene	mg/L	10			ND (0.0009)	ND (0.0009)	ND (0.0009)	ND (0.0009)	ND (0.0009)
Toluene	mg/L	1			ND (0.0007)	ND (0.0007)	ND (0.0007)	ND (0.0007)	ND (0.0007)
Xylene (Total)	mg/L	10			ND (0.0009)	ND (0.0009)	ND (0.0009)	ND (0.0009)	ND (0.0009)

Semivolatile Organic Compounds - GC/MS (SIM) (8270D SIM)

Acenaphthene	mg/L	0.42			0.000026	ND (0.000018)	ND (0.000018)	ND (0.000018)	ND (0.000018)
Acenaphthylene	mg/L	0.21			ND (0.000014)	ND (0.000014)	ND (0.000014)	ND (0.000014)	ND (0.000014)
Anthracene	mg/L	2.1			ND (0.000005)	ND (0.000005)	ND (0.000005)	ND (0.000005)	ND (0.000005)
Benzo(a)anthracene	mg/L	0.00013			ND (0.000011)	ND (0.000011)	ND (0.000011)	ND (0.000011)	ND (0.000011)
Benzo(a)pyrene	mg/L	0.0002			ND (0.000012)	ND (0.000012)	ND (0.000012)	ND (0.000012)	ND (0.000012)
Benzo(b)fluoranthene	mg/L	0.00018			ND (0.000008)	ND (0.000008)	ND (0.000008)	ND (0.000008)	ND (0.000008)
Benzo(g,h,i)perylene	mg/L	0.00017			ND (0.000007)	ND (0.000007)	ND (0.000007)	ND (0.000007)	ND (0.000007)
Benzo(k)fluoranthene	mg/L	0.21			ND (0.000016)	ND (0.000016)	ND (0.000016)	ND (0.000016)	ND (0.000016)
Chrysene	mg/L	0.0015			ND (0.000008)	ND (0.000008)	ND (0.000008)	ND (0.000008)	ND (0.000008)

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000578

Summary Report

Report Number:	23-270-0023
Client:	Perry Environmental Inc
Project:	Illinois Ayers Oil Company (Beeline Prop
Project Number:	Springfield, IL

Legend: **Hit** **Exceed**

Client Sample ID:					MW-22	MW-13	MW-16	MW-17	MW-18
Lab Sample ID:					87328	87329	87330	87331	87332
Date Sampled:			RSL - mg/L		09/22/2023	09/22/2023	09/22/2023	09/22/2023	09/22/2023
Matrix			Aqueous		Aqueous	Aqueous	Aqueous	Aqueous	Aqueous

Semivolatile Organic Compounds - GC/MS (SIM) (8270D SIM)

Dibenz(a,h)anthracene	mg/L	0.0003			ND (0.000006)	ND (0.000006)	ND (0.000006)	ND (0.000006)	ND (0.000006)
Fluoranthene	mg/L	0.28			ND (0.000005)	ND (0.000005)	ND (0.000005)	ND (0.000005)	ND (0.000005)
Fluorene	mg/L	0.28			ND (0.000010)	ND (0.000010)	ND (0.000010)	ND (0.000010)	ND (0.000010)
Indeno(1,2,3-cd)pyrene	mg/L	0.00043			ND (0.000014)	ND (0.000014)	ND (0.000014)	ND (0.000014)	ND (0.000014)
1-Methylnaphthalene	mg/L				0.000523	0.000025	0.000013 J	0.000020	0.000012 J
2-Methylnaphthalene	mg/L				0.000084	ND (0.000018)	ND (0.000018)	ND (0.000018)	ND (0.000018)
Naphthalene	mg/L	0.14			0.000166	0.000031	ND (0.000019)	ND (0.000019)	ND (0.000019)
Phenanthrene	mg/L	0.21			ND (0.000008)	ND (0.000008)	ND (0.000008)	ND (0.000008)	ND (0.000008)
Pyrene	mg/L	0.21			ND (0.000009)	ND (0.000009)	ND (0.000009)	ND (0.000009)	ND (0.000009)

Electronic Filing: Received, Clerk's Office 09/18/2024

Summary Report

Report Number:	23-270-0023
Client:	Perry Environmental Inc
Project:	Illinois Ayers Oil Company (Beeline Prop
Project Number:	Springfield, IL

Legend: **Hit** **Exceed**

Client Sample ID:					MW-19			
Lab Sample ID:					87333			
Date Sampled:			RSL - mg/L		09/22/2023			
Matrix			Aqueous		Aqueous			

Volatile Organic Compounds - GC/MS (8260B)

Benzene	mg/L	0.005			ND (0.0007)			
Ethylbenzene	mg/L	0.7			ND (0.0009)			
Methyl tert-butyl ether (MTBE)	mg/L	0.07			ND (0.0008)			
m,p-Xylene	mg/L	10			ND (0.001)			
o-Xylene	mg/L	10			ND (0.0009)			
Toluene	mg/L	1			ND (0.0007)			
Xylene (Total)	mg/L	10			ND (0.0009)			

Semivolatile Organic Compounds - GC/MS (SIM) (8270D SIM)

Acenaphthene	mg/L	0.42			ND (0.000018)			
Acenaphthylene	mg/L	0.21			ND (0.000014)			
Anthracene	mg/L	2.1			0.000012 J			
Benzo(a)anthracene	mg/L	0.00013			ND (0.000011)			
Benzo(a)pyrene	mg/L	0.0002			ND (0.000012)			
Benzo(b)fluoranthene	mg/L	0.00018			ND (0.000008)			
Benzo(g,h,i)perylene	mg/L	0.00017			ND (0.000007)			
Benzo(k)fluoranthene	mg/L	0.21			ND (0.000016)			
Chrysene	mg/L	0.0015			ND (0.000008)			

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000580

Summary Report

Report Number:	23-270-0023
Client:	Perry Environmental Inc
Project:	Illinois Ayers Oil Company (Beeline Prop
Project Number:	Springfield, IL

Legend: **Hit** **Exceed**

Client Sample ID:					MW-19				
Lab Sample ID:					87333				
Date Sampled:			RSL - mg/L		09/22/2023				
Matrix			Aqueous		Aqueous				

Semivolatile Organic Compounds - GC/MS (SIM) (8270D SIM)

Dibenz(a,h)anthracene	mg/L	0.0003			ND (0.000006)				
Fluoranthene	mg/L	0.28			ND (0.000005)				
Fluorene	mg/L	0.28			ND (0.000010)				
Indeno(1,2,3-cd)pyrene	mg/L	0.00043			ND (0.000014)				
1-Methylnaphthalene	mg/L				0.000012 J				
2-Methylnaphthalene	mg/L				ND (0.000018)				
Naphthalene	mg/L	0.14			ND (0.000019)				
Phenanthrene	mg/L	0.21			ND (0.000008)				
Pyrene	mg/L	0.21			ND (0.000009)				

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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 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 5/57.17). This form has been approved by the Forms Management Center.

**Illinois Environmental Protection Agency
Leaking Underground Storage Tank Program
Laboratory Certification for Chemical Analysis**

A. Site Identification

IEMA Incident # (6- or 8-digit): 991372 IEPA LPC# (10-digit): 1671203337

Site Name: Illinois Ayers Oil Co

Site Address (Not a P.O. Box): 430 Stanford Avenue

City: Springfield County: Sangamon ZIP Code: 62703

Leaking UST Technical File

B. Sample Collector

I certify that:

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

DKL
(initial)
DKL
(initial)
DKL
(initial)
DKL
(initial)

Laboratory Representative

I certify that:

- Proper chain-of-custody procedures were followed as documented on the chain-of-custody forms.
- Sample integrity was maintained by proper preservation.
- All samples were properly labeled.
- Quality assurance/quality control procedures were established and carried out.

ICS
(initial)
ICS
(initial)
ICS
(initial)
ICS
(initial)

23-270-0023
286:09
09-27-2023
10 51:33
Perry Environmental Inc
Illinois Ayers Oil Company (Residue Properties, LLC)

Laboratory Certification for Chemical Analysis

1 of 2

IL 532 2283
LPC 509 Rev. March 2006

5. Sample holding times were not exceeded.

KS
(initial)

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

KS
(initial)

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

KS
(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: Dan Lacey
Title: Senior Scientist
Company: Perry Environmental, Inc.
Address: 900 South Spring Street
City: Springfield
State: Illinois
ZIP Code: 62704
Phone: 217-523-5346
Signature: [Signature]
Date: 9/25/23

Laboratory Representative

Name: Kim Starkey
Title: Project Manager
Company: Waypoint Analytical
Address: 2790 Whitten Road
City: Memphis
State: Tennessee
ZIP Code: 38133
Phone: 901-213-2400
Signature: [Signature]
Date: 10-9-23



23-270-0023
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09-27-2023
10-51 33



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 Perry Environmental Inc
 Mr. Mike Keebler
 900 South Spring Street
 Springfield, IL 62704

Project Illinois Ayers Oil Company (Beeline Prop)
 Information : Springfield, IL
 Project #22-1021

Report Date : 10/20/2023
 Received : 09/27/2023

Kim S Storey

Report Number : 23-270-0023

REPORT OF ANALYSIS

Lab No : 87318
 Sample ID : MW-12

Matrix: Aqueous
 Sampled: 9/21/2023 13:00

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Analytical Method: 8260B Prep Batch(es): L708177 10/02/23 07:38								
Prep Method: 5030B								
Benzene	0.003	mg/L	0.0007	0.001	1	10/02/23 11:47	ELM	L708178
Ethylbenzene	0.001	mg/L	0.0009	0.001	1	10/02/23 11:47	ELM	L708178
Methyl tert-butyl ether (MTBE)	0.0010 J	mg/L	0.0008	0.001	1	10/02/23 11:47	ELM	L708178
m,p-Xylene	<0.001	mg/L	0.001	0.002	1	10/02/23 11:47	ELM	L708178
o-Xylene	<0.0009	mg/L	0.0009	0.001	1	10/02/23 11:47	ELM	L708178
Toluene	<0.0007	mg/L	0.0007	0.002	1	10/02/23 11:47	ELM	L708178
Xylene (Total)	<0.0009	mg/L	0.0009	0.001	1	10/02/23 11:47		L708178
Surrogate: 4-Bromofluorobenzene	89.4			Limits: 71-137%	1	10/02/23 11:47	ELM	L708178
Surrogate: Dibromofluoromethane	79.2			Limits: 70-128%	1	10/02/23 11:47	ELM	L708178
Surrogate: 1,2-Dichloroethane - d4	91.2			Limits: 63-136%	1	10/02/23 11:47	ELM	L708178
Surrogate: Toluene-d8	81.2			Limits: 70-130%	1	10/02/23 11:47	ELM	L708178

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Analytical Method: 8270D SIM Prep Batch(es): L707294 09/28/23 09:11								
Prep Method: 3511								
Acenaphthene	0.000113	mg/L	0.000018	0.000020	1	09/28/23 18:03	JCA	L707661
Acenaphthylene	<0.000014	mg/L	0.000014	0.000020	1	09/28/23 18:03	JCA	L707661
Anthracene	<0.000005	mg/L	0.000005	0.000020	1	09/28/23 18:03	JCA	L707661
Benzo(a)anthracene	<0.000011	mg/L	0.000011	0.000020	1	09/28/23 18:03	JCA	L707661
Benzo(a)pyrene	<0.000012	mg/L	0.000012	0.000020	1	09/28/23 18:03	JCA	L707661
Benzo(b)fluoranthene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 18:03	JCA	L707661
Benzo(g,h,i)perylene	<0.000007	mg/L	0.000007	0.000020	1	09/28/23 18:03	JCA	L707661

Qualifiers/ * Outside QC Limit DF Dilution Factor
Definitions J Estimated value MQL Method Quantitation Limit



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 Springfield, IL 62704

Project Illinois Ayers Oil Company (Beeline Prop)

Information : Springfield, IL
 Project #22-1021

Report Date : 10/20/2023
 Received : 09/27/2023

Kim S Storey

Report Number : 23-270-0023

REPORT OF ANALYSIS

Lab No : 87318
 Sample ID : MW-12

Matrix: Aqueous
 Sampled: 9/21/2023 13:00

Analytical Method: 8270D SIM Prep Batch(es): L707294 09/28/23 09:11
 Prep Method: 3511

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(k)fluoranthene	<0.000016	mg/L	0.000016	0.000020	1	09/28/23 18:03	JCA	L707661
Chrysene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 18:03	JCA	L707661
Dibenz(a,h)anthracene	<0.000006	mg/L	0.000006	0.000020	1	09/28/23 18:03	JCA	L707661
Fluoranthene	<0.000005	mg/L	0.000005	0.000020	1	09/28/23 18:03	JCA	L707661
Fluorene	0.000021	mg/L	0.000010	0.000020	1	09/28/23 18:03	JCA	L707661
Indeno(1,2,3-cd)pyrene	<0.000014	mg/L	0.000014	0.000020	1	09/28/23 18:03	JCA	L707661
1-Methylnaphthalene	0.0114	mg/L	0.000064	0.000170	10	09/29/23 20:07	JCA	L707661
2-Methylnaphthalene	0.00932	mg/L	0.000157	0.000170	10	09/29/23 20:07	JCA	L707661
Naphthalene	0.00214	mg/L	0.000019	0.000020	1	09/28/23 18:03	JCA	L707661
Phenanthrene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 18:03	JCA	L707661
Pyrene	<0.000009	mg/L	0.000009	0.000020	1	09/28/23 18:03	JCA	L707661
Surrogate: 2-Fluorobiphenyl	110		Limits: 70-130%		1	09/28/23 18:03	JCA	L707661
Surrogate: 4-Terphenyl-d14	70.6		Limits: 70-130%		1	09/28/23 18:03	JCA	L707661

Qualifiers/Definitions	*	Outside QC Limit	DF	Dilution Factor
	J	Estimated value	MQL	Method Quantitation Limit



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Project Illinois Ayers Oil Company (Beeline Prop)
 Information : Springfield, IL
 Project #22-1021

Report Date : 10/20/2023
 Received : 09/27/2023

Kim S Storey

Report Number : 23-270-0023

REPORT OF ANALYSIS

Lab No : 87319

Matrix: Aqueous

Sample ID : MW-14

Sampled: 9/22/2023 8:00

Analytical Method: 8260B

Prep Batch(es): L708177 10/02/23 07:38

Prep Method: 5030B

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Benzene	<0.0007	mg/L	0.0007	0.001	1	10/02/23 12:09	ELM	L708178
Ethylbenzene	<0.0009	mg/L	0.0009	0.001	1	10/02/23 12:09	ELM	L708178
Methyl tert-butyl ether (MTBE)	0.082	mg/L	0.0008	0.001	1	10/02/23 12:09	ELM	L708178
m,p-Xylene	<0.001	mg/L	0.001	0.002	1	10/02/23 12:09	ELM	L708178
o-Xylene	<0.0009	mg/L	0.0009	0.001	1	10/02/23 12:09	ELM	L708178
Toluene	<0.0007	mg/L	0.0007	0.002	1	10/02/23 12:09	ELM	L708178
Xylene (Total)	<0.0009	mg/L	0.0009	0.001	1	10/02/23 12:09		L708178
Surrogate: 4-Bromofluorobenzene	90.6			Limits: 71-137%	1	10/02/23 12:09	ELM	L708178
Surrogate: Dibromofluoromethane	82.6			Limits: 70-128%	1	10/02/23 12:09	ELM	L708178
Surrogate: 1,2-Dichloroethane - d4	98.2			Limits: 63-136%	1	10/02/23 12:09	ELM	L708178
Surrogate: Toluene-d8	87.8			Limits: 70-130%	1	10/02/23 12:09	ELM	L708178

Analytical Method: 8270D SIM

Prep Batch(es): L707294 09/28/23 09:11

Prep Method: 3511

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.000018	mg/L	0.000018	0.000020	1	09/28/23 18:24	JCA	L707661
Acenaphthylene	<0.000014	mg/L	0.000014	0.000020	1	09/28/23 18:24	JCA	L707661
Anthracene	<0.000005	mg/L	0.000005	0.000020	1	09/28/23 18:24	JCA	L707661
Benzo(a)anthracene	<0.000011	mg/L	0.000011	0.000020	1	09/28/23 18:24	JCA	L707661
Benzo(a)pyrene	<0.000012	mg/L	0.000012	0.000020	1	09/28/23 18:24	JCA	L707661
Benzo(b)fluoranthene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 18:24	JCA	L707661
Benzo(g,h,i)perylene	<0.000007	mg/L	0.000007	0.000020	1	09/28/23 18:24	JCA	L707661

Qualifiers/ * Outside QC Limit DF Dilution Factor
Definitions J Estimated value MQL Method Quantitation Limit



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Project Illinois Ayers Oil Company (Beeline Prop)

Information : Springfield, IL
 Project #22-1021

Report Date : 10/20/2023
 Received : 09/27/2023

Kim S Storey

Report Number : 23-270-0023

REPORT OF ANALYSIS

Lab No : 87319

Matrix: Aqueous

Sample ID : MW-14

Sampled: 9/22/2023 8:00

Analytical Method: 8270D SIM Prep Batch(es): L707294 09/28/23 09:11
 Prep Method: 3511

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(k)fluoranthene	<0.000016	mg/L	0.000016	0.000020	1	09/28/23 18:24	JCA	L707661
Chrysene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 18:24	JCA	L707661
Dibenz(a,h)anthracene	<0.000006	mg/L	0.000006	0.000020	1	09/28/23 18:24	JCA	L707661
Fluoranthene	<0.000005	mg/L	0.000005	0.000020	1	09/28/23 18:24	JCA	L707661
Fluorene	<0.000010	mg/L	0.000010	0.000020	1	09/28/23 18:24	JCA	L707661
Indeno(1,2,3-cd)pyrene	<0.000014	mg/L	0.000014	0.000020	1	09/28/23 18:24	JCA	L707661
1-Methylnaphthalene	0.000069	mg/L	0.000007	0.000020	1	09/28/23 18:24	JCA	L707661
2-Methylnaphthalene	0.000037	mg/L	0.000018	0.000020	1	09/28/23 18:24	JCA	L707661
Naphthalene	<0.000019	mg/L	0.000019	0.000020	1	09/28/23 18:24	JCA	L707661
Phenanthrene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 18:24	JCA	L707661
Pyrene	<0.000009	mg/L	0.000009	0.000020	1	09/28/23 18:24	JCA	L707661
Surrogate: 2-Fluorobiphenyl	105			Limits: 70-130%		1 09/28/23 18:24	JCA	L707661
Surrogate: 4-Terphenyl-d14	66.0 *			Limits: 70-130%		1 09/28/23 18:24	JCA	L707661

Qualifiers/ Definitions * J Outside QC Limit Estimated value DF MQL Dilution Factor Method Quantitation Limit



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Project Illinois Ayers Oil Company (Beeline Prop)
 Information : Springfield, IL
 Project #22-1021

Report Date : 10/20/2023
 Received : 09/27/2023

Kim S Storey

Report Number : 23-270-0023

REPORT OF ANALYSIS

Lab No : 87320

Matrix: Aqueous

Sample ID : MW-11

Sampled: 9/22/2023 8:30

Analytical Method: 8260B
 Prep Method: 5030B

Prep Batch(es): L708177 10/02/23 07:38

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzene	0.159	mg/L	0.0007	0.001	1	10/02/23 12:30	ELM	L708178
Ethylbenzene	0.019	mg/L	0.0009	0.001	1	10/02/23 12:30	ELM	L708178
Methyl tert-butyl ether (MTBE)	0.003	mg/L	0.0008	0.001	1	10/02/23 12:30	ELM	L708178
m,p-Xylene	0.036	mg/L	0.001	0.002	1	10/02/23 12:30	ELM	L708178
o-Xylene	0.005	mg/L	0.0009	0.001	1	10/02/23 12:30	ELM	L708178
Toluene	0.0008 J	mg/L	0.0007	0.002	1	10/02/23 12:30	ELM	L708178
Xylene (Total)	0.041	mg/L	0.0009	0.001	1	10/02/23 12:30		L708178
Surrogate: 4-Bromofluorobenzene	95.0		Limits: 71-137%		1	10/02/23 12:30	ELM	L708178
Surrogate: Dibromofluoromethane	86.4		Limits: 70-128%		1	10/02/23 12:30	ELM	L708178
Surrogate: 1,2-Dichloroethane - d4	98.2		Limits: 63-136%		1	10/02/23 12:30	ELM	L708178
Surrogate: Toluene-d8	89.2		Limits: 70-130%		1	10/02/23 12:30	ELM	L708178

Analytical Method: 8270D SIM
 Prep Method: 3511

Prep Batch(es): L707294 09/28/23 09:11

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	0.000042	mg/L	0.000018	0.000020	1	09/28/23 22:57	JCA	L707661
Acenaphthylene	<0.000014	mg/L	0.000014	0.000020	1	09/28/23 22:57	JCA	L707661
Anthracene	<0.000005	mg/L	0.000005	0.000020	1	09/28/23 22:57	JCA	L707661
Benzo(a)anthracene	<0.000011	mg/L	0.000011	0.000020	1	09/28/23 22:57	JCA	L707661
Benzo(a)pyrene	<0.000012	mg/L	0.000012	0.000020	1	09/28/23 22:57	JCA	L707661
Benzo(b)fluoranthene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 22:57	JCA	L707661
Benzo(g,h,i)perylene	<0.000007	mg/L	0.000007	0.000020	1	09/28/23 22:57	JCA	L707661

Qualifiers/ * Outside QC Limit DF Dilution Factor
Definitions J Estimated value MQL Method Quantitation Limit



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Project Illinois Ayers Oil Company (Beeline Prop)
 Information : Springfield, IL
 Project #22-1021

Report Date : 10/20/2023
 Received : 09/27/2023

Kim S Storey

Report Number : 23-270-0023

REPORT OF ANALYSIS

Lab No : 87320
 Sample ID : MW-11

Matrix: Aqueous
 Sampled: 9/22/2023 8:30

Analytical Method: 8270D SIM Prep Batch(es): L707294 09/28/23 09:11
 Prep Method: 3511

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(k)fluoranthene	<0.000016	mg/L	0.000016	0.000020	1	09/28/23 22:57	JCA	L707661
Chrysene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 22:57	JCA	L707661
Dibenz(a,h)anthracene	<0.000006	mg/L	0.000006	0.000020	1	09/28/23 22:57	JCA	L707661
Fluoranthene	<0.000005	mg/L	0.000005	0.000020	1	09/28/23 22:57	JCA	L707661
Fluorene	0.000014 J	mg/L	0.000010	0.000020	1	09/28/23 22:57	JCA	L707661
Indeno(1,2,3-cd)pyrene	<0.000014	mg/L	0.000014	0.000020	1	09/28/23 22:57	JCA	L707661
1-Methylnaphthalene	0.0229	mg/L	0.000064	0.000170	10	09/29/23 00:00	JCA	L707661
2-Methylnaphthalene	0.0223	mg/L	0.000157	0.000170	10	09/29/23 00:00	JCA	L707661
Naphthalene	0.00363	mg/L	0.000019	0.000020	1	09/28/23 22:57	JCA	L707661
Phenanthrene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 22:57	JCA	L707661
Pyrene	<0.000009	mg/L	0.000009	0.000020	1	09/28/23 22:57	JCA	L707661
Surrogate: 2-Fluorobiphenyl	118			Limits: 70-130%	1	09/28/23 22:57	JCA	L707661
Surrogate: 4-Terphenyl-d14	71.3			Limits: 70-130%	1	09/28/23 22:57	JCA	L707661

Qualifiers/ Definitions * J Outside QC Limit Estimated value DF MQL Dilution Factor Method Quantitation Limit



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Project Illinois Ayers Oil Company (Beeline Prop)
 Information : Springfield, IL
 Project #22-1021

Report Date : 10/20/2023
 Received : 09/27/2023

Kim S Storey

Report Number : 23-270-0023

REPORT OF ANALYSIS

Lab No : 87321
 Sample ID : PMW-25

Matrix: Aqueous
 Sampled: 9/22/2023 9:00

Analytical Method: 8270D SIM Prep Batch(es): L707294 09/28/23 09:11
 Prep Method: 3511

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(k)fluoranthene	<0.000016	mg/L	0.000016	0.000020	1	09/28/23 18:45	JCA	L707661
Chrysene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 18:45	JCA	L707661
Dibenz(a,h)anthracene	<0.000006	mg/L	0.000006	0.000020	1	09/28/23 18:45	JCA	L707661
Fluoranthene	<0.000005	mg/L	0.000005	0.000020	1	09/28/23 18:45	JCA	L707661
Fluorene	<0.000010	mg/L	0.000010	0.000020	1	09/28/23 18:45	JCA	L707661
Indeno(1,2,3-cd)pyrene	<0.000014	mg/L	0.000014	0.000020	1	09/28/23 18:45	JCA	L707661
1-Methylnaphthalene	0.0123	mg/L	0.000064	0.000170	10	09/29/23 20:28	JCA	L707661
2-Methylnaphthalene	0.00266	mg/L	0.000018	0.000020	1	09/28/23 18:45	JCA	L707661
Naphthalene	0.0298	mg/L	0.000167	0.000170	10	09/29/23 20:28	JCA	L707661
Phenanthrene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 18:45	JCA	L707661
Pyrene	<0.000009	mg/L	0.000009	0.000020	1	09/28/23 18:45	JCA	L707661
Surrogate: 2-Fluorobiphenyl	101			Limits: 70-130%	1	09/28/23 18:45	JCA	L707661
Surrogate: 4-Terphenyl-d14	66.0 *			Limits: 70-130%	1	09/28/23 18:45	JCA	L707661

Qualifiers/ * Outside QC Limit DF Dilution Factor
Definitions J Estimated value MQL Method Quantitation Limit



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Project Illinois Ayers Oil Company (Beeline Prop
 Information : Springfield, IL
 Project #22-1021

Report Date : 10/20/2023
 Received : 09/27/2023

Kim Storey

Kim S Storey

Report Number : 23-270-0023

REPORT OF ANALYSIS

Lab No : 87322
 Sample ID : PMW-26

Matrix: Aqueous
 Sampled: 9/22/2023 9:30

Analytical Method: 8270D SIM Prep Batch(es): L707294 09/28/23 09:11
 Prep Method: 3511

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(k)fluoranthene	<0.000016	mg/L	0.000016	0.000020	1	09/28/23 19:06	JCA	L707661
Chrysene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 19:06	JCA	L707661
Dibenz(a,h)anthracene	<0.000006	mg/L	0.000006	0.000020	1	09/28/23 19:06	JCA	L707661
Fluoranthene	<0.000005	mg/L	0.000005	0.000020	1	09/28/23 19:06	JCA	L707661
Fluorene	<0.000010	mg/L	0.000010	0.000020	1	09/28/23 19:06	JCA	L707661
Indeno(1,2,3-cd)pyrene	<0.000014	mg/L	0.000014	0.000020	1	09/28/23 19:06	JCA	L707661
1-Methylnaphthalene	0.000035	mg/L	0.000007	0.000020	1	09/28/23 19:06	JCA	L707661
2-Methylnaphthalene	0.000020	mg/L	0.000018	0.000020	1	09/28/23 19:06	JCA	L707661
Naphthalene	0.000051	mg/L	0.000019	0.000020	1	09/28/23 19:06	JCA	L707661
Phenanthrene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 19:06	JCA	L707661
Pyrene	<0.000009	mg/L	0.000009	0.000020	1	09/28/23 19:06	JCA	L707661
Surrogate: 2-Fluorobiphenyl	108		Limits: 70-130%		1	09/28/23 19:06	JCA	L707661
Surrogate: 4-Terphenyl-d14	70.6		Limits: 70-130%		1	09/28/23 19:06	JCA	L707661

Qualifiers/ * Outside QC Limit DF Dilution Factor
Definitions J Estimated value MQL Method Quantitation Limit



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 Perry Environmental Inc
 Mr. Mike Keebler
 900 South Spring Street
 Springfield, IL 62704

Project Illinois Ayers Oil Company (Beeline Prop)
 Information : Springfield, IL
 Project #22-1021

Report Date : 10/20/2023
 Received : 09/27/2023

Kim S Storey

Report Number : 23-270-0023

REPORT OF ANALYSIS

Lab No : 87323

Matrix: Aqueous

Sample ID : MW-20

Sampled: 9/22/2023 10:00

Analytical Method: 8260B
 Prep Method: 5030B

Prep Batch(es): L708177 10/02/23 07:38

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Benzene	<0.0007	mg/L	0.0007	0.001	1	10/02/23 13:33	ELM	L708178
Ethylbenzene	<0.0009	mg/L	0.0009	0.001	1	10/02/23 13:33	ELM	L708178
Methyl tert-butyl ether (MTBE)	0.057	mg/L	0.0008	0.001	1	10/02/23 13:33	ELM	L708178
m,p-Xylene	<0.001	mg/L	0.001	0.002	1	10/02/23 13:33	ELM	L708178
o-Xylene	<0.0009	mg/L	0.0009	0.001	1	10/02/23 13:33	ELM	L708178
Toluene	<0.0007	mg/L	0.0007	0.002	1	10/02/23 13:33	ELM	L708178
Xylene (Total)	<0.0009	mg/L	0.0009	0.001	1	10/02/23 13:33		L708178
Surrogate: 4-Bromofluorobenzene	100			Limits: 71-137%	1	10/02/23 13:33	ELM	L708178
Surrogate: Dibromofluoromethane	89.0			Limits: 70-128%	1	10/02/23 13:33	ELM	L708178
Surrogate: 1,2-Dichloroethane - d4	103			Limits: 63-136%	1	10/02/23 13:33	ELM	L708178
Surrogate: Toluene-d8	87.0			Limits: 70-130%	1	10/02/23 13:33	ELM	L708178

Analytical Method: 8270D SIM
 Prep Method: 3511

Prep Batch(es): L707294 09/28/23 09:11

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	0.000325	mg/L	0.000018	0.000020	1	09/28/23 19:27	JCA	L707661
Acenaphthylene	<0.000014	mg/L	0.000014	0.000020	1	09/28/23 19:27	JCA	L707661
Anthracene	0.000079	mg/L	0.000005	0.000020	1	09/28/23 19:27	JCA	L707661
Benzo(a)anthracene	<0.000011	mg/L	0.000011	0.000020	1	09/28/23 19:27	JCA	L707661
Benzo(a)pyrene	<0.000012	mg/L	0.000012	0.000020	1	09/28/23 19:27	JCA	L707661
Benzo(b)fluoranthene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 19:27	JCA	L707661
Benzo(g,h,i)perylene	<0.000007	mg/L	0.000007	0.000020	1	09/28/23 19:27	JCA	L707661

Qualifiers/ * Outside QC Limit DF Dilution Factor
Definitions J Estimated value MQL Method Quantitation Limit



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Project Illinois Ayers Oil Company (Beeline Prop)
 Information : Springfield, IL
 Project #22-1021

Report Date : 10/20/2023
 Received : 09/27/2023

Kim S Storey

Report Number : 23-270-0023

REPORT OF ANALYSIS

Lab No : 87323
 Sample ID : MW-20

Matrix: Aqueous
 Sampled: 9/22/2023 10:00

Analytical Method: 8270D SIM Prep Batch(es): L707294 09/28/23 09:11
 Prep Method: 3511

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(k)fluoranthene	<0.000016	mg/L	0.000016	0.000020	1	09/28/23 19:27	JCA	L707661
Chrysene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 19:27	JCA	L707661
Dibenz(a,h)anthracene	<0.000006	mg/L	0.000006	0.000020	1	09/28/23 19:27	JCA	L707661
Fluoranthene	<0.000005	mg/L	0.000005	0.000020	1	09/28/23 19:27	JCA	L707661
Fluorene	<0.000010	mg/L	0.000010	0.000020	1	09/28/23 19:27	JCA	L707661
Indeno(1,2,3-cd)pyrene	<0.000014	mg/L	0.000014	0.000020	1	09/28/23 19:27	JCA	L707661
1-Methylnaphthalene	0.000047	mg/L	0.000007	0.000020	1	09/28/23 19:27	JCA	L707661
2-Methylnaphthalene	0.000025	mg/L	0.000018	0.000020	1	09/28/23 19:27	JCA	L707661
Naphthalene	0.000160	mg/L	0.000019	0.000020	1	09/28/23 19:27	JCA	L707661
Phenanthrene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 19:27	JCA	L707661
Pyrene	<0.000009	mg/L	0.000009	0.000020	1	09/28/23 19:27	JCA	L707661
Surrogate: 2-Fluorobiphenyl	105		Limits: 70-130%		1	09/28/23 19:27	JCA	L707661
Surrogate: 4-Terphenyl-d14	71.0		Limits: 70-130%		1	09/28/23 19:27	JCA	L707661

Qualifiers/ * Outside QC Limit DF Dilution Factor
Definitions J Estimated value MQL Method Quantitation Limit



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Project Illinois Ayers Oil Company (Beeline Prop)

Information : Springfield, IL
 Project #22-1021

Report Date : 10/20/2023
 Received : 09/27/2023

Kim S Storey

Report Number : 23-270-0023

REPORT OF ANALYSIS

Lab No : 87324

Sample ID : MW-21

Matrix: Aqueous

Sampled: 9/23/2023 10:30

Analytical Method: 8270D SIM Prep Batch(es): L707294 09/28/23 09:11
 Prep Method: 3511

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(a)anthracene	<0.000011	mg/L	0.000011	0.000020	1	09/28/23 23:18	JCA	L707661
Benzo(a)pyrene	<0.000012	mg/L	0.000012	0.000020	1	09/28/23 23:18	JCA	L707661
Benzo(b)fluoranthene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 23:18	JCA	L707661
Benzo(g,h,i)perylene	<0.000007	mg/L	0.000007	0.000020	1	09/28/23 23:18	JCA	L707661
Benzo(k)fluoranthene	<0.000016	mg/L	0.000016	0.000020	1	09/28/23 23:18	JCA	L707661
Chrysene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 23:18	JCA	L707661
Dibenz(a,h)anthracene	<0.000006	mg/L	0.000006	0.000020	1	09/28/23 23:18	JCA	L707661
Fluoranthene	<0.000005	mg/L	0.000005	0.000020	1	09/28/23 23:18	JCA	L707661
Fluorene	0.000189	mg/L	0.000010	0.000020	1	09/28/23 23:18	JCA	L707661
Indeno(1,2,3-cd)pyrene	<0.000014	mg/L	0.000014	0.000020	1	09/28/23 23:18	JCA	L707661
1-Methylnaphthalene	0.0712	mg/L	0.000646	0.00170	100	09/29/23 20:49	JCA	L707661
2-Methylnaphthalene	0.0872	mg/L	0.00157	0.00170	100	09/29/23 20:49	JCA	L707661
Naphthalene	0.0100	mg/L	0.000167	0.000170	10	09/29/23 00:21	JCA	L707661
Phenanthrene	0.000013 J	mg/L	0.000008	0.000020	1	09/28/23 23:18	JCA	L707661
Pyrene	<0.000009	mg/L	0.000009	0.000020	1	09/28/23 23:18	JCA	L707661
Surrogate: 2-Fluorobiphenyl	113			Limits: 70-130%	1	09/28/23 23:18	JCA	L707661
Surrogate: 4-Terphenyl-d14	71.3			Limits: 70-130%	1	09/28/23 23:18	JCA	L707661

Qualifiers/ Definitions	*	Outside QC Limit Estimated value	DF	Dilution Factor Method Quantitation Limit
	J		ML	



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Project Illinois Ayers Oil Company (Beeline Prop)
 Information : Springfield, IL
 Project #22-1021

Report Date : 10/20/2023
 Received : 09/27/2023

Kim S Storey

Report Number : 23-270-0023

REPORT OF ANALYSIS

Lab No : 87325
 Sample ID : PMW-24

Matrix: Aqueous
 Sampled: 9/22/2023 11:30

Analytical Method: 8260B Prep Batch(es): L708177 10/02/23 07:38 L708549 10/03/23 19:54
 Prep Method: 5030B

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzene	0.031	mg/L	0.0007	0.001	1	10/02/23 14:15	ELM	L708178
Ethylbenzene	0.021	mg/L	0.0009	0.001	1	10/02/23 14:15	ELM	L708178
Methyl tert-butyl ether (MTBE)	0.270	mg/L	0.008	0.010	10	10/03/23 23:46	ASH	L708655
m,p-Xylene	0.006	mg/L	0.001	0.002	1	10/02/23 14:15	ELM	L708178
o-Xylene	<0.0009	mg/L	0.0009	0.001	1	10/02/23 14:15	ELM	L708178
Toluene	<0.0007	mg/L	0.0007	0.002	1	10/02/23 14:15	ELM	L708178
Xylene (Total)	0.006	mg/L	0.0009	0.001	1	10/02/23 14:15		L708178
Surrogate: 4-Bromofluorobenzene	84.4			Limits: 71-137%	1	10/02/23 14:15	ELM	L708178
Surrogate: Dibromofluoromethane	85.0			Limits: 70-128%	1	10/02/23 14:15	ELM	L708178
Surrogate: 1,2-Dichloroethane - d4	93.8			Limits: 63-136%	1	10/02/23 14:15	ELM	L708178
Surrogate: Toluene-d8	87.6			Limits: 70-130%	1	10/02/23 14:15	ELM	L708178
Surrogate: 4-Bromofluorobenzene	101			Limits: 71-137%	10	10/03/23 23:46	ASH	L708655
Surrogate: Dibromofluoromethane	80.2			Limits: 70-128%	10	10/03/23 23:46	ASH	L708655
Surrogate: 1,2-Dichloroethane - d4	100			Limits: 63-136%	10	10/03/23 23:46	ASH	L708655
Surrogate: Toluene-d8	92.0			Limits: 70-130%	10	10/03/23 23:46	ASH	L708655

Analytical Method: 8270D SIM Prep Batch(es): L707294 09/28/23 09:11
 Prep Method: 3511

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.000018	mg/L	0.000018	0.000020	1	09/28/23 23:39	JCA	L707661
Acenaphthylene	<0.000014	mg/L	0.000014	0.000020	1	09/28/23 23:39	JCA	L707661
Anthracene	0.000008 J	mg/L	0.000005	0.000020	1	09/28/23 23:39	JCA	L707661

Qualifiers/ Definitions * Outside QC Limit Estimated value DF MQL Dilution Factor Method Quantitation Limit



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Project Illinois Ayers Oil Company (Beeline Prop)

Information : Springfield, IL
 Project #22-1021

Report Date : 10/20/2023
 Received : 09/27/2023

Kim S Storey

Report Number : 23-270-0023

REPORT OF ANALYSIS

Lab No : 87325
 Sample ID : PMW-24

Matrix: Aqueous
 Sampled: 9/22/2023 11:30

Analytical Method: 8270D SIM Prep Batch(es): L707294 09/28/23 09:11
 Prep Method: 3511

Test	Results	Units	MDL	SQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(a)anthracene	<0.000011	mg/L	0.000011	0.000020	1	09/28/23 23:39	JCA	L707661
Benzo(a)pyrene	<0.000012	mg/L	0.000012	0.000020	1	09/28/23 23:39	JCA	L707661
Benzo(b)fluoranthene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 23:39	JCA	L707661
Benzo(g,h,i)perylene	<0.000007	mg/L	0.000007	0.000020	1	09/28/23 23:39	JCA	L707661
Benzo(k)fluoranthene	<0.000016	mg/L	0.000016	0.000020	1	09/28/23 23:39	JCA	L707661
Chrysene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 23:39	JCA	L707661
Dibenz(a,h)anthracene	<0.000006	mg/L	0.000006	0.000020	1	09/28/23 23:39	JCA	L707661
Fluoranthene	<0.000005	mg/L	0.000005	0.000020	1	09/28/23 23:39	JCA	L707661
Fluorene	<0.000010	mg/L	0.000010	0.000020	1	09/28/23 23:39	JCA	L707661
Indeno(1,2,3-cd)pyrene	<0.000014	mg/L	0.000014	0.000020	1	09/28/23 23:39	JCA	L707661
1-Methylnaphthalene	0.0239	mg/L	0.000064	0.000170	10	09/29/23 00:43	JCA	L707661
2-Methylnaphthalene	0.0270	mg/L	0.000157	0.000170	10	09/29/23 00:43	JCA	L707661
Naphthalene	0.119	mg/L	0.00167	0.00170	100	09/29/23 21:10	JCA	L707661
Phenanthrene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 23:39	JCA	L707661
Pyrene	<0.000009	mg/L	0.000009	0.000020	1	09/28/23 23:39	JCA	L707661
Surrogate: 2-Fluorobiphenyl	113		Limits: 70-130%		1	09/28/23 23:39	JCA	L707661
Surrogate: 4-Terphenyl-d14	60.7 *		Limits: 70-130%		1	09/28/23 23:39	JCA	L707661

Qualifiers/ Definitions * J Outside QC Limit Estimated value DF MQL Dilution Factor Method Quantitation Limit



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Project Illinois Ayers Oil Company (Beeline Prop)
 Information : Springfield, IL
 Project #22-1021

Report Date : 10/20/2023
 Received : 09/27/2023

Kim S Storey

Report Number : 23-270-0023

REPORT OF ANALYSIS

Lab No : 87326
 Sample ID : PMW-27

Matrix: Aqueous
 Sampled: 9/22/2023 12:00

Analytical Method: 8260B
 Prep Method: 5030B

Prep Batch(es): L707889 10/01/23 09:22

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Benzene	<0.0007	mg/L	0.0007	0.001	1	10/01/23 13:20	HRS	L707985
Ethylbenzene	<0.0009	mg/L	0.0009	0.001	1	10/01/23 13:20	HRS	L707985
Methyl tert-butyl ether (MTBE)	<0.0008	mg/L	0.0008	0.001	1	10/01/23 13:20	HRS	L707985
m,p-Xylene	<0.001	mg/L	0.001	0.002	1	10/01/23 13:20	HRS	L707985
o-Xylene	<0.0009	mg/L	0.0009	0.001	1	10/01/23 13:20	HRS	L707985
Toluene	<0.0007	mg/L	0.0007	0.002	1	10/01/23 13:20	HRS	L707985
Xylene (Total)	<0.0009	mg/L	0.0009	0.001	1	10/01/23 13:20		L707985
Surrogate: 4-Bromofluorobenzene	81.8			Limits: 71-137%	1	10/01/23 13:20	HRS	L707985
Surrogate: Dibromofluoromethane	119			Limits: 70-128%	1	10/01/23 13:20	HRS	L707985
Surrogate: 1,2-Dichloroethane - d4	102			Limits: 63-136%	1	10/01/23 13:20	HRS	L707985
Surrogate: Toluene-d8	81.2			Limits: 70-130%	1	10/01/23 13:20	HRS	L707985

Analytical Method: 8270D SIM
 Prep Method: 3511

Prep Batch(es): L707294 09/28/23 09:11

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Acenaphthene	<0.000018	mg/L	0.000018	0.000020	1	09/28/23 19:48	JCA	L707661
Acenaphthylene	<0.000014	mg/L	0.000014	0.000020	1	09/28/23 19:48	JCA	L707661
Anthracene	0.000011 J	mg/L	0.000005	0.000020	1	09/28/23 19:48	JCA	L707661
Benzo(a)anthracene	<0.000011	mg/L	0.000011	0.000020	1	09/28/23 19:48	JCA	L707661
Benzo(a)pyrene	<0.000012	mg/L	0.000012	0.000020	1	09/28/23 19:48	JCA	L707661
Benzo(b)fluoranthene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 19:48	JCA	L707661
Benzo(g,h,i)perylene	<0.000007	mg/L	0.000007	0.000020	1	09/28/23 19:48	JCA	L707661

Qualifiers/ * Outside QC Limit DF Dilution Factor
Definitions J Estimated value MQL Method Quantitation Limit



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Project Illinois Ayers Oil Company (Beeline Prop)
 Information : Springfield, IL
 Project #22-1021

Report Date : 10/20/2023
 Received : 09/27/2023

Kim S Storey

Report Number : 23-270-0023

REPORT OF ANALYSIS

Lab No : 87326
 Sample ID : PMW-27

Matrix: Aqueous
 Sampled: 9/22/2023 12:00

Analytical Method: 8270D SIM Prep Batch(es): L707294 09/28/23 09:11
 Prep Method: 3511

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Benzó(k)fluoranthene	<0.000016	mg/L	0.000016	0.000020	1	09/28/23 19:48	JCA	L707661
Chrysene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 19:48	JCA	L707661
Dibenz(a,h)anthracene	<0.000006	mg/L	0.000006	0.000020	1	09/28/23 19:48	JCA	L707661
Fluoranthene	<0.000005	mg/L	0.000005	0.000020	1	09/28/23 19:48	JCA	L707661
Fluorene	<0.000010	mg/L	0.000010	0.000020	1	09/28/23 19:48	JCA	L707661
Indeno(1,2,3-cd)pyrene	<0.000014	mg/L	0.000014	0.000020	1	09/28/23 19:48	JCA	L707661
1-Methylnaphthalene	0.000019 J	mg/L	0.000007	0.000020	1	09/28/23 19:48	JCA	L707661
2-Methylnaphthalene	<0.000018	mg/L	0.000018	0.000020	1	09/28/23 19:48	JCA	L707661
Naphthalene	<0.000019	mg/L	0.000019	0.000020	1	09/28/23 19:48	JCA	L707661
Phenanthrene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 19:48	JCA	L707661
Pyrene	<0.000009	mg/L	0.000009	0.000020	1	09/28/23 19:48	JCA	L707661
Surrogate: 2-Fluorobiphenyl	105			Limits: 70-130%	1	09/28/23 19:48	JCA	L707661
Surrogate: 4-Terphenyl-d14	71.0			Limits: 70-130%	1	09/28/23 19:48	JCA	L707661

Qualifiers/Definitions	*	Outside QC Limit	DF	Dilution Factor
	J	Estimated value	ML	Method Quantitation Limit



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Project Illinois Ayers Oil Company (Beeline Prop)
 Information : Springfield, IL
 Project #22-1021

Report Date : 10/20/2023
 Received : 09/27/2023

Kim S Storey

Report Number : 23-270-0023

REPORT OF ANALYSIS

Lab No : 87327
 Sample ID : MW-15

Matrix: Aqueous
 Sampled: 9/22/2023 12:30

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Analytical Method: 8260B Prep Batch(es): L707889 10/01/23 09:22								
Prep Method: 5030B								
Benzene	<0.0007	mg/L	0.0007	0.001	1	10/01/23 13:41	HRS	L707985
Ethylbenzene	<0.0009	mg/L	0.0009	0.001	1	10/01/23 13:41	HRS	L707985
Methyl tert-butyl ether (MTBE)	0.001	mg/L	0.0008	0.001	1	10/01/23 13:41	HRS	L707985
m,p-Xylene	<0.001	mg/L	0.001	0.002	1	10/01/23 13:41	HRS	L707985
o-Xylene	<0.0009	mg/L	0.0009	0.001	1	10/01/23 13:41	HRS	L707985
Toluene	<0.0007	mg/L	0.0007	0.002	1	10/01/23 13:41	HRS	L707985
Xylene (Total)	<0.0009	mg/L	0.0009	0.001	1	10/01/23 13:41		L707985
Surrogate: 4-Bromofluorobenzene	76.0			Limits: 71-137%	1	10/01/23 13:41	HRS	L707985
Surrogate: Dibromofluoromethane	94.6			Limits: 70-128%	1	10/01/23 13:41	HRS	L707985
Surrogate: 1,2-Dichloroethane - d4	87.4			Limits: 63-136%	1	10/01/23 13:41	HRS	L707985
Surrogate: Toluene-d8	73.6			Limits: 70-130%	1	10/01/23 13:41	HRS	L707985

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Analytical Method: 8270D SIM Prep Batch(es): L707294 09/28/23 09:11								
Prep Method: 3511								
Acenaphthene	<0.000018	mg/L	0.000018	0.000020	1	09/28/23 20:09	JCA	L707661
Acenaphthylene	<0.000014	mg/L	0.000014	0.000020	1	09/28/23 20:09	JCA	L707661
Anthracene	<0.000005	mg/L	0.000005	0.000020	1	09/28/23 20:09	JCA	L707661
Benzo(a)anthracene	<0.000011	mg/L	0.000011	0.000020	1	09/28/23 20:09	JCA	L707661
Benzo(a)pyrene	<0.000012	mg/L	0.000012	0.000020	1	09/28/23 20:09	JCA	L707661
Benzo(b)fluoranthene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 20:09	JCA	L707661
Benzo(g,h,i)perylene	<0.000007	mg/L	0.000007	0.000020	1	09/28/23 20:09	JCA	L707661

Qualifiers/ * Outside QC Limit DF Dilution Factor
Definitions J Estimated value MQL Method Quantitation Limit



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Perry Environmental Inc
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 Springfield, IL 62704

Project Illinois Ayers Oil Company (Beeline Prop)
 Information : Springfield, IL
 Project #22-1021

Report Date : 10/20/2023
 Received : 09/27/2023

Kim S Storey

Report Number : 23-270-0023

REPORT OF ANALYSIS

Lab No : 87327

Matrix: Aqueous

Sample ID : MW-15

Sampled: 9/22/2023 12:30

Analytical Method: 8270D SIM Prep Batch(es): L707294 09/28/23 09:11
 Prep Method: 3511

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(k)fluoranthene	<0.000016	mg/L	0.000016	0.000020	1	09/28/23 20:09	JCA	L707661
Chrysene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 20:09	JCA	L707661
Dibenz(a,h)anthracene	<0.000006	mg/L	0.000006	0.000020	1	09/28/23 20:09	JCA	L707661
Fluoranthene	<0.000005	mg/L	0.000005	0.000020	1	09/28/23 20:09	JCA	L707661
Fluorene	<0.000010	mg/L	0.000010	0.000020	1	09/28/23 20:09	JCA	L707661
Indeno(1,2,3-cd)pyrene	<0.000014	mg/L	0.000014	0.000020	1	09/28/23 20:09	JCA	L707661
1-Methylnaphthalene	0.000025	mg/L	0.000007	0.000020	1	09/28/23 20:09	JCA	L707661
2-Methylnaphthalene	<0.000018	mg/L	0.000018	0.000020	1	09/28/23 20:09	JCA	L707661
Naphthalene	0.000023	mg/L	0.000019	0.000020	1	09/28/23 20:09	JCA	L707661
Phenanthrene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 20:09	JCA	L707661
Pyrene	<0.000009	mg/L	0.000009	0.000020	1	09/28/23 20:09	JCA	L707661
Surrogate: 2-Fluorobiphenyl	96.0			Limits: 70-130%	1	09/28/23 20:09	JCA	L707661
Surrogate: 4-Terphenyl-d14	64.4 *			Limits: 70-130%	1	09/28/23 20:09	JCA	L707661

Qualifiers/ Definitions * J Outside QC Limit Estimated value DF MQL Dilution Factor Method Quantitation Limit



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Project Illinois Ayers Oil Company (Beeline Prop)
 Information : Springfield, IL
 Project #22-1021

Report Date : 10/20/2023
 Received : 09/27/2023

Kim S Storey

Report Number : 23-270-0023

REPORT OF ANALYSIS

Lab No : 87328
 Sample ID : MW-22

Matrix: Aqueous
 Sampled: 9/22/2023 13:30

Analytical Method: 8270D SIM Prep Batch(es): L707294 09/28/23 09:11
 Prep Method: 3511

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(k)fluoranthene	<0.000016	mg/L	0.000016	0.000020	1	09/28/23 20:30	JCA	L707661
Chrysene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 20:30	JCA	L707661
Dibenz(a,h)anthracene	<0.000006	mg/L	0.000006	0.000020	1	09/28/23 20:30	JCA	L707661
Fluoranthene	<0.000005	mg/L	0.000005	0.000020	1	09/28/23 20:30	JCA	L707661
Fluorene	<0.000010	mg/L	0.000010	0.000020	1	09/28/23 20:30	JCA	L707661
Indeno(1,2,3-cd)pyrene	<0.000014	mg/L	0.000014	0.000020	1	09/28/23 20:30	JCA	L707661
1-Methylnaphthalene	0.000523	mg/L	0.000007	0.000020	1	09/28/23 20:30	JCA	L707661
2-Methylnaphthalene	0.000084	mg/L	0.000018	0.000020	1	09/28/23 20:30	JCA	L707661
Naphthalene	0.000166	mg/L	0.000019	0.000020	1	09/28/23 20:30	JCA	L707661
Phenanthrene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 20:30	JCA	L707661
Pyrene	<0.000009	mg/L	0.000009	0.000020	1	09/28/23 20:30	JCA	L707661
Surrogate: 2-Fluorobiphenyl	111			Limits: 70-130%	1	09/28/23 20:30	JCA	L707661
Surrogate: 4-Terphenyl-d14	72.6			Limits: 70-130%	1	09/28/23 20:30	JCA	L707661

Qualifiers/ * Outside QC Limit DF Dilution Factor
Definitions J Estimated value MQL Method Quantitation Limit



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Project Illinois Ayers Oil Company (Beeline Prop)
 Information : Springfield, IL
 Project #22-1021

Report Date : 10/20/2023
 Received : 09/27/2023

Kim Storey

Kim S Storey

Report Number : 23-270-0023

REPORT OF ANALYSIS

Lab No : 87329
 Sample ID : MW-13

Matrix: Aqueous
 Sampled: 9/22/2023 14:00

Analytical Method: 8270D SIM Prep Batch(es): L707294 09/28/23 09:11
 Prep Method: 3511

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(k)fluoranthene	<0.000016	mg/L	0.000016	0.000020	1	09/28/23 20:51	JCA	L707661
Chrysene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 20:51	JCA	L707661
Dibenz(a,h)anthracene	<0.000006	mg/L	0.000006	0.000020	1	09/28/23 20:51	JCA	L707661
Fluoranthene	<0.000005	mg/L	0.000005	0.000020	1	09/28/23 20:51	JCA	L707661
Fluorene	<0.000010	mg/L	0.000010	0.000020	1	09/28/23 20:51	JCA	L707661
Indeno(1,2,3-cd)pyrene	<0.000014	mg/L	0.000014	0.000020	1	09/28/23 20:51	JCA	L707661
1-Methylnaphthalene	0.000025	mg/L	0.000007	0.000020	1	09/28/23 20:51	JCA	L707661
2-Methylnaphthalene	<0.000018	mg/L	0.000018	0.000020	1	09/28/23 20:51	JCA	L707661
Naphthalene	0.000031	mg/L	0.000019	0.000020	1	09/28/23 20:51	JCA	L707661
Phenanthrene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 20:51	JCA	L707661
Pyrene	<0.000009	mg/L	0.000009	0.000020	1	09/28/23 20:51	JCA	L707661
Surrogate: 2-Fluorobiphenyl	110			Limits: 70-130%	1	09/28/23 20:51	JCA	L707661
Surrogate: 4-Terphenyl-d14	65.0 *			Limits: 70-130%	1	09/28/23 20:51	JCA	L707661

Qualifiers/ * Outside QC Limit DF Dilution Factor
Definitions J Estimated value MQL Method Quantitation Limit



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 Information : Springfield, IL
 Project #22-1021

Report Date : 10/20/2023
 Received : 09/27/2023

Kim Storey

Kim S Storey

Report Number : 23-270-0023

REPORT OF ANALYSIS

Lab No : 87330
 Sample ID : MW-16

Matrix: Aqueous
 Sampled: 9/22/2023 14:30

Analytical Method: 8270D SIM Prep Batch(es): L707294 09/28/23 09:11
 Prep Method: 3511

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(k)fluoranthene	<0.000016	mg/L	0.000016	0.000020	1	09/28/23 21:12	JCA	L707661
Chrysene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 21:12	JCA	L707661
Dibenz(a,h)anthracene	<0.000006	mg/L	0.000006	0.000020	1	09/28/23 21:12	JCA	L707661
Fluoranthene	<0.000005	mg/L	0.000005	0.000020	1	09/28/23 21:12	JCA	L707661
Fluorene	<0.000010	mg/L	0.000010	0.000020	1	09/28/23 21:12	JCA	L707661
Indeno(1,2,3-cd)pyrene	<0.000014	mg/L	0.000014	0.000020	1	09/28/23 21:12	JCA	L707661
1-Methylnaphthalene	0.000013 J	mg/L	0.000007	0.000020	1	09/28/23 21:12	JCA	L707661
2-Methylnaphthalene	<0.000018	mg/L	0.000018	0.000020	1	09/28/23 21:12	JCA	L707661
Naphthalene	<0.000019	mg/L	0.000019	0.000020	1	09/28/23 21:12	JCA	L707661
Phenanthrene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 21:12	JCA	L707661
Pyrene	<0.000009	mg/L	0.000009	0.000020	1	09/28/23 21:12	JCA	L707661
Surrogate: 2-Fluorobiphenyl	103			Limits: 70-130%		1 09/28/23 21:12	JCA	L707661
Surrogate: 4-Terphenyl-d14	71.0			Limits: 70-130%		1 09/28/23 21:12	JCA	L707661

Qualifiers/Definitions	*	Outside QC Limit	DF	Dilution Factor
	J	Estimated value	ML	Method Quantitation Limit



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 Information.: Springfield, IL
 Project #22-1021

Report Date : 10/20/2023
 Received : 09/27/2023

Kim S Storey

Report Number : 23-270-0023

REPORT OF ANALYSIS

Lab No : 87331
 Sample ID : MW-17

Matrix: Aqueous
 Sampled: 9/22/2023 15:00

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Analytical Method: 8260B Prep Batch(es): L707889 10/01/23 09:22								
Prep Method: 5030B								
Benzene	<0.0007	mg/L	0.0007	0.001	1	10/01/23 15:03	HRS	L707985
Ethylbenzene	<0.0009	mg/L	0.0009	0.001	1	10/01/23 15:03	HRS	L707985
Methyl tert-butyl ether (MTBE)	<0.0008	mg/L	0.0008	0.001	1	10/01/23 15:03	HRS	L707985
m,p-Xylene	<0.001	mg/L	0.001	0.002	1	10/01/23 15:03	HRS	L707985
o-Xylene	<0.0009	mg/L	0.0009	0.001	1	10/01/23 15:03	HRS	L707985
Toluene	<0.0007	mg/L	0.0007	0.002	1	10/01/23 15:03	HRS	L707985
Xylene (Total)	<0.0009	mg/L	0.0009	0.001	1	10/01/23 15:03		L707985
Surrogate: 4-Bromofluorobenzene	75.2			Limits: 71-137%	1	10/01/23 15:03	HRS	L707985
Surrogate: Dibromofluoromethane	109			Limits: 70-128%	1	10/01/23 15:03	HRS	L707985
Surrogate: 1,2-Dichloroethane - d4	101			Limits: 63-136%	1	10/01/23 15:03	HRS	L707985
Surrogate: Toluene-d8	72.8			Limits: 70-130%	1	10/01/23 15:03	HRS	L707985

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Analytical Method: 8270D SIM Prep Batch(es): L707294 09/28/23 09:11								
Prep Method: 3511								
Acenaphthene	<0.000018	mg/L	0.000018	0.000020	1	09/28/23 21:33	JCA	L707661
Acenaphthylene	<0.000014	mg/L	0.000014	0.000020	1	09/28/23 21:33	JCA	L707661
Anthracene	<0.000005	mg/L	0.000005	0.000020	1	09/28/23 21:33	JCA	L707661
Benzo(a)anthracene	<0.000011	mg/L	0.000011	0.000020	1	09/28/23 21:33	JCA	L707661
Benzo(a)pyrene	<0.000012	mg/L	0.000012	0.000020	1	09/28/23 21:33	JCA	L707661
Benzo(b)fluoranthene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 21:33	JCA	L707661
Benzo(g,h,i)perylene	<0.000007	mg/L	0.000007	0.000020	1	09/28/23 21:33	JCA	L707661

Qualifiers/ * Outside QC Limit **DF** Dilution Factor
Definitions J Estimated value **ML** Method Quantitation Limit



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 Information: Springfield, IL
 Project #22-1021

Report Date: 10/20/2023
 Received: 09/27/2023

Kim S Storey

Report Number: 23-270-0023

REPORT OF ANALYSIS

Lab No: 87331
 Sample ID: MW-17

Matrix: Aqueous
 Sampled: 9/22/2023 15:00

Analytical Method: 8270D SIM Prep Batch(es): L707294 09/28/23 09:11
 Prep Method: 3511

Test	Results	Units	MDL	MQL	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(k)fluoranthene	<0.000016	mg/L	0.000016	0.000020	1	09/28/23 21:33	JCA	L707661
Chrysene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 21:33	JCA	L707661
Dibenz(a,h)anthracene	<0.000006	mg/L	0.000006	0.000020	1	09/28/23 21:33	JCA	L707661
Fluoranthene	<0.000005	mg/L	0.000005	0.000020	1	09/28/23 21:33	JCA	L707661
Fluorene	<0.000010	mg/L	0.000010	0.000020	1	09/28/23 21:33	JCA	L707661
Indeno(1,2,3-cd)pyrene	<0.000014	mg/L	0.000014	0.000020	1	09/28/23 21:33	JCA	L707661
1-Methylnaphthalene	0.000020	mg/L	0.000007	0.000020	1	09/28/23 21:33	JCA	L707661
2-Methylnaphthalene	<0.000018	mg/L	0.000018	0.000020	1	09/28/23 21:33	JCA	L707661
Naphthalene	<0.000019	mg/L	0.000019	0.000020	1	09/28/23 21:33	JCA	L707661
Phenanthrene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 21:33	JCA	L707661
Pyrene	<0.000009	mg/L	0.000009	0.000020	1	09/28/23 21:33	JCA	L707661
Surrogate: 2-Fluorobiphenyl	105			Limits: 70-130%	1	09/28/23 21:33	JCA	L707661
Surrogate: 4-Terphenyl-d14	71.6			Limits: 70-130%	1	09/28/23 21:33	JCA	L707661

Qualifiers/ Definitions	*	Outside QC Limit Estimated value	DF	Dilution Factor Method Quantitation Limit
	J		MQL	



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Project Illinois Ayers Oil Company (Beeline Prop)
 Information: Springfield, IL
 Project #22-1021

Report Date: 10/20/2023
 Received: 09/27/2023

Kim S Storey

Report Number: 23-270-0023

REPORT OF ANALYSIS

Lab No: 87332

Matrix: Aqueous

Sample ID: MW-18

Sampled: 9/22/2023 15:30

Analytical Method: 8270D SIM Prep Batch(es): L707294 09/28/23 09:11
 Prep Method: 3511

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(k)fluoranthene	<0.000016	mg/L	0.000016	0.000020	1	09/28/23 21:54	JCA	L707661
Chrysene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 21:54	JCA	L707661
Dibenz(a,h)anthracene	<0.000006	mg/L	0.000006	0.000020	1	09/28/23 21:54	JCA	L707661
Fluoranthene	<0.000005	mg/L	0.000005	0.000020	1	09/28/23 21:54	JCA	L707661
Fluorene	<0.000010	mg/L	0.000010	0.000020	1	09/28/23 21:54	JCA	L707661
Indeno(1,2,3-cd)pyrene	<0.000014	mg/L	0.000014	0.000020	1	09/28/23 21:54	JCA	L707661
1-Methylnaphthalene	0.000012 J	mg/L	0.000007	0.000020	1	09/28/23 21:54	JCA	L707661
2-Methylnaphthalene	<0.000018	mg/L	0.000018	0.000020	1	09/28/23 21:54	JCA	L707661
Naphthalene	<0.000019	mg/L	0.000019	0.000020	1	09/28/23 21:54	JCA	L707661
Phenanthrene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 21:54	JCA	L707661
Pyrene	<0.000009	mg/L	0.000009	0.000020	1	09/28/23 21:54	JCA	L707661
Surrogate: 2-Fluorobiphenyl	112			Limits: 70-130%	1	09/28/23 21:54	JCA	L707661
Surrogate: 4-Terphenyl-d14	63.4 *			Limits: 70-130%	1	09/28/23 21:54	JCA	L707661

Qualifiers/Definitions	*	Outside QC Limit	DF	Dilution Factor
	J	Estimated value	ML	Method Quantitation Limit



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Project Illinois Ayers Oil Company (Beeline Prop)
 Information : Springfield, IL
 Project #22-1021

Report Date : 10/20/2023
 Received : 09/27/2023

Kim S Storey

Report Number : 23-270-0023

REPORT OF ANALYSIS

Lab No : 87333
 Sample ID : MW-19

Matrix: Aqueous
 Sampled: 9/22/2023 16:00

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Analytical Method: 8260B Prep Batch(es): L707889 10/01/23 09:22								
Prep Method: 5030B								
Benzene	<0.0007	mg/L	0.0007	0.001	1	10/01/23 15:44	HRS	L707985
Ethylbenzene	<0.0009	mg/L	0.0009	0.001	1	10/01/23 15:44	HRS	L707985
Methyl tert-butyl ether (MTBE)	<0.0008	mg/L	0.0008	0.001	1	10/01/23 15:44	HRS	L707985
m,p-Xylene	<0.001	mg/L	0.001	0.002	1	10/01/23 15:44	HRS	L707985
o-Xylene	<0.0009	mg/L	0.0009	0.001	1	10/01/23 15:44	HRS	L707985
Toluene	<0.0007	mg/L	0.0007	0.002	1	10/01/23 15:44	HRS	L707985
Xylene (Total)	<0.0009	mg/L	0.0009	0.001	1	10/01/23 15:44		L707985
Surrogate: 4-Bromofluorobenzene	75.6			Limits: 71-137%	1	10/01/23 15:44	HRS	L707985
Surrogate: Dibromofluoromethane	110			Limits: 70-128%	1	10/01/23 15:44	HRS	L707985
Surrogate: 1,2-Dichloroethane - d4	103			Limits: 63-136%	1	10/01/23 15:44	HRS	L707985
Surrogate: Toluene-d8	72.6			Limits: 70-130%	1	10/01/23 15:44	HRS	L707985

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Analytical Method: 8270D SIM Prep Batch(es): L707294 09/28/23 09:11								
Prep Method: 3511								
Acenaphthene	<0.000018	mg/L	0.000018	0.000020	1	09/28/23 22:15	JCA	L707661
Acenaphthylene	<0.000014	mg/L	0.000014	0.000020	1	09/28/23 22:15	JCA	L707661
Anthracene	0.000012 J	mg/L	0.000005	0.000020	1	09/28/23 22:15	JCA	L707661
Benzo(a)anthracene	<0.000011	mg/L	0.000011	0.000020	1	09/28/23 22:15	JCA	L707661
Benzo(a)pyrene	<0.000012	mg/L	0.000012	0.000020	1	09/28/23 22:15	JCA	L707661
Benzo(b)fluoranthene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 22:15	JCA	L707661
Benzo(g,h,i)perylene	<0.000007	mg/L	0.000007	0.000020	1	09/28/23 22:15	JCA	L707661

Qualifiers/	*	Outside QC Limit	DF	Dilution Factor
Definitions	J	Estimated value	ML	Method Quantitation Limit



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Project Illinois Ayers Oil Company (Beeline Prop)
 Information : Springfield, IL
 Project #22-1021

Report Date : 10/20/2023
 Received : 09/27/2023

Kim S Storey

Report Number : 23-270-0023

REPORT OF ANALYSIS

Lab No : 87333
 Sample ID : MW-19

Matrix: Aqueous
 Sampled: 9/22/2023 16:00

Analytical Method: 8270D SIM Prep Batch(es): L707294 09/28/23 09:11
 Prep Method: 3511

Test	Results	Units	MDL	ML	DF	Date / Time Analyzed	By	Analytical Batch
Benzo(k)fluoranthene	<0.000016	mg/L	0.000016	0.000020	1	09/28/23 22:15	JCA	L707661
Chrysene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 22:15	JCA	L707661
Dibenz(a,h)anthracene	<0.000006	mg/L	0.000006	0.000020	1	09/28/23 22:15	JCA	L707661
Fluoranthene	<0.000005	mg/L	0.000005	0.000020	1	09/28/23 22:15	JCA	L707661
Fluorene	<0.000010	mg/L	0.000010	0.000020	1	09/28/23 22:15	JCA	L707661
Indeno(1,2,3-cd)pyrene	<0.000014	mg/L	0.000014	0.000020	1	09/28/23 22:15	JCA	L707661
1-Methylnaphthalene	0.000012 J	mg/L	0.000007	0.000020	1	09/28/23 22:15	JCA	L707661
2-Methylnaphthalene	<0.000018	mg/L	0.000018	0.000020	1	09/28/23 22:15	JCA	L707661
Naphthalene	<0.000019	mg/L	0.000019	0.000020	1	09/28/23 22:15	JCA	L707661
Phenanthrene	<0.000008	mg/L	0.000008	0.000020	1	09/28/23 22:15	JCA	L707661
Pyrene	<0.000009	mg/L	0.000009	0.000020	1	09/28/23 22:15	JCA	L707661
Surrogate: 2-Fluorobiphenyl	109			Limits: 70-130%	1	09/28/23 22:15	JCA	L707661
Surrogate: 4-Terphenyl-d14	60.7 *			Limits: 70-130%	1	09/28/23 22:15	JCA	L707661

Qualifiers/ Definitions * Outside QC Limit DF Dilution Factor



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Quality Control Data

Client ID: Perry Environmental Inc
Project Description: Illinois Ayers Oil Company (Beeline Properties, LL
Report No: 23-270-0023

QC Prep: L707889 **QC Analytical Batch(es):** L707985
QC Prep Batch Method: 5030B **Analysis Method:** 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Lab Reagent Blank LRB-L707889 Matrix: AQU
 Associated Lab Samples: 87326, 87327, 87328, 87329, 87330, 87331, 87332, 87333

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
Benzene	mg/L	<0.0007	0.0007	0.001	10/01/23 12:39		
Ethylbenzene	mg/L	<0.0009	0.0009	0.001	10/01/23 12:39		
Methyl tert-butyl ether (MTBE)	mg/L	<0.0008	0.0008	0.001	10/01/23 12:39		
m,p-Xylene	mg/L	<0.001	0.001	0.002	10/01/23 12:39		
o-Xylene	mg/L	<0.0009	0.0009	0.001	10/01/23 12:39		
Toluene	mg/L	<0.0007	0.0007	0.002	10/01/23 12:39		
4-Bromofluorobenzene (S)					10/01/23 12:39	75.4	71-137
Dibromofluoromethane (S)					10/01/23 12:39	103	70-128
1,2-Dichloroethane - d4 (S)					10/01/23 12:39	89.0	63-136
Toluene-d8 (S)					10/01/23 12:39	73.8	70-130

Laboratory Control Sample LCS-L707889

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Benzene	mg/L	0.100	0.114	114	70-130
Ethylbenzene	mg/L	0.100	0.102	102	80-120
Methyl tert-butyl ether (MTBE)	mg/L	0.100	0.119	119	65-135
m,p-Xylene	mg/L	0.200	0.236	118	75-125
o-Xylene	mg/L	0.100	0.109	109	70-130
Toluene	mg/L	0.100	0.119	119	80-120
4-Bromofluorobenzene (S)				82.0	71-137
Dibromofluoromethane (S)				88.6	70-128
1,2-Dichloroethane - d4 (S)				84.0	63-136
Toluene-d8 (S)				82.4	70-130



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Quality Control Data

Client ID: Perry Environmental Inc
Project Description: Illinois Ayers Oil Company (Beeline Properties, LL
Report No: 23-270-0023

QC Prep: L707889 **QC Analytical Batch(es):** L707985
QC Prep Batch Method: 5030B **Analysis Method:** 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Matrix Spike & Matrix Spike Duplicate L 88166-MS-L707889 L 88166-MSD-L707889

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Benzene	mg/L	<0.0007	0.100	0.100	0.101	0.111	101	111	58-143	9.4	30
Ethylbenzene	mg/L	<0.0009	0.100	0.100	0.097	0.100	97.0	100	65-141	3.0	30
Methyl tert-butyl ether (MTBE)	mg/L	<0.0008	0.100	0.100	0.124	0.128	124	128	62-143	3.1	30
m,p-Xylene	mg/L	<0.001	0.200	0.200	0.224	0.225	112	113	61-149	0.4	30
o-Xylene	mg/L	<0.0009	0.100	0.100	0.107	0.110	107	110	65-142	2.7	30
Toluene	mg/L	<0.0007	0.100	0.100	0.106	0.110	106	110	64-145	3.7	30
4-Bromofluorobenzene (S)							87.8	82.8	71-137		
Dibromofluoromethane (S)							85.4	85.2	70-128		
1,2-Dichloroethane - d4 (S)							79.0	72.2	63-136		
Toluene-d8 (S)							84.4	82.0	70-130		



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Quality Control Data

Client ID: Perry Environmental Inc
Project Description: Illinois Ayers Oil Company (Beeline Properties, LL
Report No: 23-270-0023

QC Prep: L708177 **QC Analytical Batch(es):** L708178
QC Prep Batch Method: 5030B **Analysis Method:** 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Lab Reagent Blank LRB-L708177 Matrix: AQU
 Associated Lab Samples: 87318, 87319, 87320, 87321, 87322, 87323, 87324, 87325

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
Benzene	mg/L	<0.0007	0.0007	0.001	10/02/23 10:23		
Ethylbenzene	mg/L	<0.0009	0.0009	0.001	10/02/23 10:23		
Methyl tert-butyl ether (MTBE)	mg/L	<0.0008	0.0008	0.001	10/02/23 10:23		
m,p-Xylene	mg/L	<0.001	0.001	0.002	10/02/23 10:23		
o-Xylene	mg/L	<0.0009	0.0009	0.001	10/02/23 10:23		
Toluene	mg/L	<0.0007	0.0007	0.002	10/02/23 10:23		
4-Bromofluorobenzene (S)					10/02/23 10:23	97.0	71-137
Dibromofluoromethane (S)					10/02/23 10:23	86.2	70-128
1,2-Dichloroethane - d4 (S)					10/02/23 10:23	94.6	63-136
Toluene-d8 (S)					10/02/23 10:23	86.2	70-130

Laboratory Control Sample LCS-L708177

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Benzene	mg/L	0.100	0.107	107	70-130
Ethylbenzene	mg/L	0.100	0.096	96.8	80-120
Methyl tert-butyl ether (MTBE)	mg/L	0.100	0.108	108	65-135
m,p-Xylene	mg/L	0.200	0.194	97.0	75-125
o-Xylene	mg/L	0.100	0.099	99.9	70-130
Toluene	mg/L	0.100	0.103	103	80-120
4-Bromofluorobenzene (S)				92.4	71-137
Dibromofluoromethane (S)				80.2	70-128
1,2-Dichloroethane - d4 (S)				83.6	63-136
Toluene-d8 (S)				89.0	70-130



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Quality Control Data

Client ID: Perry Environmental Inc
Project Description: Illinois Ayers Oil Company (Beeline Properties, LL
Report No: 23-270-0023

QC Prep: L708177 **QC Analytical Batch(es):** L708178
QC Prep Batch Method: 5030B **Analysis Method:** 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Matrix Spike & Matrix Spike Duplicate L 84613-MS-L708177 L 84613-MSD-L708177

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Benzene	mg/L	<0.0007	0.100	0.100	0.105	0.114	105	114	58-143	8.2	30
Ethylbenzene	mg/L	<0.0009	0.100	0.100	0.090	0.093	90.6	93.6	65-141	3.2	30
Methyl tert-butyl ether (MTBE)	mg/L	0.002	0.100	0.100	0.111	0.112	108	109	62-143	0.8	30
m,p-Xylene	mg/L	0.002	0.200	0.200	0.178	0.187	87.7	92.2	61-149	4.9	30
o-Xylene	mg/L	<0.0009	0.100	0.100	0.092	0.093	92.8	93.4	65-142	0.6	30
Toluene	mg/L	<0.0007	0.100	0.100	0.093	0.102	93.2	102	64-145	9.0	30
4-Bromofluorobenzene (S)							96.2	89.4	71-137		
Dibromofluoromethane (S)							83.8	84.8	70-128		
1,2-Dichloroethane - d4 (S)							90.4	89.4	63-136		
Toluene-d8 (S)							89.4	88.2	70-130		



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Quality Control Data

Client ID: Perry Environmental Inc
Project Description: Illinois Ayers Oil Company (Beeline Properties, LL
Report No: 23-270-0023

QC Prep: L708549 **QC Analytical Batch(es):** L708655
QC Prep Batch Method: 5030B **Analysis Method:** 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Lab Reagent Blank LRB-L708549 Matrix: AQU
 Associated Lab Samples: 87324, 87325

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
Benzene	mg/L	<0.0007	0.0007	0.001	10/03/23 22:43		
Methyl tert-butyl ether (MTBE)	mg/L	<0.0008	0.0008	0.001	10/03/23 22:43		
4-Bromofluorobenzene (S)					10/03/23 22:43	91.4	71-137
Dibromofluoromethane (S)					10/03/23 22:43	86.0	70-128
1,2-Dichloroethane - d4 (S)					10/03/23 22:43	96.6	63-136
Toluene-d8 (S)					10/03/23 22:43	91.6	70-130

Laboratory Control Sample LCS-L708549

Parameter	Units	Spike Conc.	LCS Result	LCS %Rec	% Rec Limits
Benzene	mg/L	0.100	0.093	93.8	70-130
Methyl tert-butyl ether (MTBE)	mg/L	0.100	0.096	96.0	65-135
4-Bromofluorobenzene (S)				91.4	71-137
Dibromofluoromethane (S)				80.0	70-128
1,2-Dichloroethane - d4 (S)				86.8	63-136
Toluene-d8 (S)				84.4	70-130

Matrix Spike & Matrix Spike Duplicate L 84410-MS-L708549 L 84410-MSD-L708549

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
Benzene	mg/L	0.184	0.100	0.100	0.096	0.092	0.0*	0.0*	58-143	4.2	30
Methyl tert-butyl ether (MTBE)	mg/L	<0.0008	0.100	0.100	0.102	0.099	102	99.0	62-143	2.9	30
4-Bromofluorobenzene (S)							86.4	89.4	71-137		
Dibromofluoromethane (S)							86.8	86.6	70-128		
1,2-Dichloroethane - d4 (S)							94.8	90.6	63-136		

* QC Fail

Date: 10/20/2023 04:47 PM



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Quality Control Data

Client ID: Perry Environmental Inc
Project Description: Illinois Ayers Oil Company (Beeline Properties, LL
Report No: 23-270-0023

QC Prep: L708549 **QC Analytical Batch(es):** L708655
QC Prep Batch Method: 5030B **Analysis Method:** 8260B
Analysis Description: Volatile Organic Compounds - GC/MS

Matrix Spike & Matrix Spike Duplicate L 84410-MS-L708549 L 84410-MSD-L708549

Parameter	Units	Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS %Rec	MSD %Rec	%Rec Limits	RPD	Max RPD
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Toluene-d8 (S)							91.0	90.8	70-130		
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Quality Control Data

Client ID: Perry Environmental Inc
Project Description: Illinois Ayers Oil Company (Beeline Properties, LL
Report No: 23-270-0023

QC Prep: L707294 **QC Analytical Batch(es):** L707661
QC Prep Batch Method: 3511 **Analysis Method:** 8270D SIM
Analysis Description: Semivolatile Organic Compounds - GC/MS (SIM)

Lab Reagent Blank LRB-L707294 Matrix: AQU
 Associated Lab Samples: 87318, 87319, 87320, 87321, 87322, 87323, 87324, 87325, 87326, 87327, 87328, 87329, 87330, 87331, 87332, 87333

Parameter	Units	Blank Result	MDL	MQL	Analyzed	% Recovery	% Rec Limits
Acenaphthene	mg/L	<0.000018	0.000018	0.000020	09/28/23 17:42		
Acenaphthylene	mg/L	<0.000014	0.000014	0.000020	09/28/23 17:42		
Anthracene	mg/L	<0.000005	0.000005	0.000020	09/28/23 17:42		
Benzo(a)anthracene	mg/L	<0.000011	0.000011	0.000020	09/28/23 17:42		
Benzo(a)pyrene	mg/L	<0.000012	0.000012	0.000020	09/28/23 17:42		
Benzo(b)fluoranthene	mg/L	<0.000008	0.000008	0.000020	09/28/23 17:42		
Benzo(g,h,i)perylene	mg/L	<0.000007	0.000007	0.000020	09/28/23 17:42		
Benzo(k)fluoranthene	mg/L	<0.000016	0.000016	0.000020	09/28/23 17:42		
Chrysene	mg/L	<0.000008	0.000008	0.000020	09/28/23 17:42		
Dibenz(a,h)anthracene	mg/L	<0.000006	0.000006	0.000020	09/28/23 17:42		
Fluoranthene	mg/L	<0.000005	0.000005	0.000020	09/28/23 17:42		
Fluorene	mg/L	<0.000010	0.000010	0.000020	09/28/23 17:42		
Indeno(1,2,3-cd)pyrene	mg/L	<0.000014	0.000014	0.000020	09/28/23 17:42		
1-Methylnaphthalene	mg/L	<0.000007	0.000007	0.000020	09/28/23 17:42		
2-Methylnaphthalene	mg/L	<0.000018	0.000018	0.000020	09/28/23 17:42		
Naphthalene	mg/L	<0.000019	0.000019	0.000020	09/28/23 17:42		
Phenanthrene	mg/L	<0.000008	0.000008	0.000020	09/28/23 17:42		
Pyrene	mg/L	<0.000009	0.000009	0.000020	09/28/23 17:42		
2-Fluorobiphenyl (S)					09/28/23 17:42	121	70-130
4-Terphenyl-d14 (S)					09/28/23 17:42	85.4	70-130

Laboratory Control Sample & LCS LCS-L707294 LCS-D-L707294

Parameter	Units	Spike Conc.	LCS Result	LCS-D Result	LCS %Rec	LCS-D % Rec	% Rec Limits	RPD	Max RPD
Acenaphthene	mg/L	0.00303	0.00346	0.00343	114	113	60-140	0.8	20
Acenaphthylene	mg/L	0.00303	0.00337	0.00338	111	112	60-140	0.2	20



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Quality Control Data

Client ID: Perry Environmental Inc
Project Description: Illinois Ayers Oil Company (Beeline Properties, LL
Report No: 23-270-0023

QC Prep: L707294 **QC Analytical Batch(es):** L707661
QC Prep Batch Method: 3511 **Analysis Method:** 8270D SIM
Analysis Description: Semivolatile Organic Compounds - GC/MS (SIM)

Laboratory Control Sample & LCSD LCS-L707294 LCSD-L707294

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS %Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD
Anthracene	mg/L	0.00303	0.00335	0.00331	111	109	60-140	1.2	20
Benzo(a)anthracene	mg/L	0.00303	0.00377	0.00338	124	112	60-140	10.9	20
Benzo(a)pyrene	mg/L	0.00303	0.00395	0.00362	130	119	60-140	8.7	20
Benzo(b)fluoranthene	mg/L	0.00303	0.00307	0.00286	101	94.3	60-140	7.0	20
Benzo(g,h,i)perylene	mg/L	0.00303	0.00281	0.00244	92.7	80.5	60-140	14.0	20
Benzo(k)fluoranthene	mg/L	0.00303	0.00280	0.00252	92.4	83.1	60-140	10.5	20
Chrysene	mg/L	0.00303	0.00335	0.00322	111	106	60-140	3.9	20
Dibenz(a,h)anthracene	mg/L	0.00303	0.00335	0.00291	111	96.0	60-140	14.0	20
Fluoranthene	mg/L	0.00303	0.00358	0.00349	118	115	60-140	2.5	20
Fluorene	mg/L	0.00303	0.00369	0.00369	122	122	60-140	0.0	20
Indeno(1,2,3-cd)pyrene	mg/L	0.00303	0.00290	0.00260	95.7	85.8	60-140	10.9	20
1-Methylnaphthalene	mg/L	0.00303	0.00332	0.00334	110	110	60-140	0.6	20
2-Methylnaphthalene	mg/L	0.00303	0.00341	0.00345	113	114	60-140	1.1	20
Naphthalene	mg/L	0.00303	0.00342	0.00342	113	113	60-140	0.0	20
Phenanthrene	mg/L	0.00303	0.00357	0.00352	118	116	60-140	1.4	20
Pyrene	mg/L	0.00303	0.00358	0.00350	118	116	60-140	2.2	20
2-Fluorobiphenyl (S)					121	123	70-130		
4-Terphenyl-d14 (S)					75.2	71.6	70-130		



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Shipment Receipt Form

Customer Number: 28638
Customer Name: Perry Environmental Inc
Report Number: 23-270-0023

Shipping Method

Fed Ex US Postal Lab Other :
 UPS Client Courier Thermometer ID: T136

Shipping container/cooler uncompromised?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Number of coolers/boxes received	1		
Custody seals intact on shipping container/cooler?	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> Not Present
Custody seals intact on sample bottles?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Not Present
Chain of Custody (COC) present?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC agrees with sample label(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
COC properly completed	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Samples in proper containers?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sample containers intact?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Sufficient sample volume for indicated test(s)?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
All samples received within holding time?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Cooler temperature in compliance?	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Cooler/Samples arrived at the laboratory on ice. Samples were considered acceptable as cooling process had begun.	<input checked="" type="radio"/> Yes	<input type="radio"/> No	
Water - Sample containers properly preserved	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
Water - VOA vials free of headspace	<input checked="" type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> N/A
Trip Blanks received with VOAs	<input type="radio"/> Yes	<input checked="" type="radio"/> No	<input type="radio"/> N/A
Soil VOA method 5035 – compliance criteria met	<input type="radio"/> Yes	<input type="radio"/> No	<input checked="" type="radio"/> N/A
<input type="checkbox"/> High concentration container (48 hr)	<input type="checkbox"/> Low concentration EnCore samplers (48 hr)		
<input type="checkbox"/> High concentration pre-weighed (methanol -14 d)	<input type="checkbox"/> Low conc pre-weighed vials (Sod Bis -14 d)		
Special precautions or instructions included?	<input type="radio"/> Yes	<input checked="" type="radio"/> No	

Comments:

Signature: Carleen Qualls

Date & Time: 09/27/2023 10:53:24

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 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 5/57.17). This form has been approved by the Forms Management Center.

**Illinois Environmental Protection Agency
Leaking Underground Storage Tank Program
Laboratory Certification for Chemical Analysis**

A. Site Identification

IEMA Incident # (6- or 8-digit): 991372 IEPA LPC# (10-digit): 1671203337
Site Name: Illinois Ayers Oil Co
Site Address (Not a P.O. Box): 430 Stanford Avenue
City: Springfield County: Sangamon ZIP Code: 62703
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.

DKL
(initial)
DKL
(initial)
DKL
(initial)
DKL
(initial)

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.

(initial)

(initial)

(initial)

(initial)

23-270-0023
28638
09-27-2023
10 51 33
Perry Environmental Inc
Illinois Ayers Oil Company (Beating Properties, LLC)

- 5. Sample holding times were not exceeded. (initial)

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

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

D. Signatures

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

Sample Collector

Name: Dan Lacey
Title: Senior Scientist
Company: Perry Environmental, Inc.
Address: 900 South Spring Street
City: Springfield
State: Illinois
ZIP Code: 62704
Phone: 217-523-5346
Signature: [Handwritten Signature]
Date: 9/25/23

Laboratory Representative

Name: _____
Title: _____
Company: Waypoint Analytical
Address: 2790 Whitten Road
City: Memphis
State: Tennessee
ZIP Code: 38133
Phone: _____
Signature: _____
Date: _____



Perry Environmental Inc
Illinois Avers Oil company (Beeline Properties, LLC)


23-270-0023
28038
09-27-2023
10 51 33

APPENDIX C
Boring Logs


The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000.00 for each day failure continues, a fine up to \$50,000.00 and imprisonment up to five years. This form has been approved by the Forms Management Center.

LUST Incident No: 991372		Boring Number: PB-19		Page 1 of 1							
Site Name: Illinois Ayers Oil Co.		Boring Location: See Map		Date: 8/30/2023							
Address: 430 Stanford Avenue Springfield, Illinois				Start 11:00 AM Finish 11:20 AM							
Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Qu Hand Penetrometer	OVA/PID/FID/OVM	Remarks		
1	FIVE FOOT MACROCORE	80%		1	Concrete						
			ML-CL	2	Concrete Debris/Gravel			57.6			
			ML-CL	3	Black Silty Clay						
			ML-CL	4	Petroleum Odor						
			ML-CL	5	Grey/Blue Silty Clay				24.6		
		90%	ML-CL	6	Strong Petroleum Odor						
			ML-CL	7	Grey/Blue Silty Clay					1029	Sample Taken
			ML-CL	8	Strong Petroleum Odor						
			ML-CL	9	Grey/Blue Silty Clay					126	
			ML-CL	10	Strong Petroleum Odor						
ML-CL	10	Grey/Blue Silty Clay					92.5				
3	FIVE FOOT MACROCORE			11	EOB @ 10' via						
				12	Push Technology						
				13							
				14							
				15							
				16							
				17							
4	FIVE FOOT MACROCORE			18							
				19							
				20							
				21							
				22							
5	FIVE FOOT MACROCORE			23							
				24							
				25							
				26							
				27							
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.											
Groundwater Date ▼ Depth While Drilling 9' ▲ Depth After Drilling N/A		Auger Depth <u>N/A</u> Rig <u>Geo Probe</u> Rotary Depth <u>N/A</u> Geologist: <u>Dan Lacey</u> Driller/Co: <u>Jorge/Mike/Earth Solutions, Inc.</u>		Illinois Environmental Protection Agency							
		Note: Boring backfilled with cuttings and bentonite.									


The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000.00 for each day failure continues, a fine up to \$50,000.00 and imprisonment up to five years. This form has been approved by the Forms Management Center.

LUST Incident No: 991372		Boring Number: PMW-24		Page 1 of 1					
Site Name: Illinois Ayers Oil Co.		Boring Location: See Map		Date: 8/30/2023					
Address: 430 Stanford Avenue Springfield, Illinois				Start 11:25 AM Finish 11:45 AM					
Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Qu Hand Penetrometer	OVA/PID/FID/OVM	Remarks
1	FIVE FOOT MACROCORE	90%		1	Concrete				
			ML-CL	2	Concrete Debris/Gravel	D			
			ML-CL	3	Black Silty Clay	D		16.4	
			ML-CL	4	Grey/Green Silty Clay	D		24.1	
			ML-CL	5	Petroleum Odor	M		208	Sample Taken
		80%	ML-CL	6	Grey/Green Silty Clay	M		136	
			ML-CL	7	Petroleum Odor	M		114	
			ML-CL	8	Grey/Black Silty Clay	M		12.1	
			ML-CL	9	Petroleum Odor	W		4.1	
			ML-CL	10	Grey/Brown Silty Clay	W			
		N/A	ML-CL	11	Petroleum Odor	W			
			ML-CL	12	Grey/Brown Silty Clay	W			
			ML-CL	13		W			
			ML-CL	14	Grey/Brown Silty Clay	W			
			ML-CL	15		W			
4				16	EOB @ 15' via Hollow Stem Auger 2" Monitoring Well Installed to 15'				
				17					
				18					
				19					
				20					
				21					
				22					
				23					
				24					
				25					
				26					
				27					
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.									
Groundwater Date		Auger Depth <u>N/A</u>		Rig <u>Geo Probe</u>		 Illinois Environmental Protection Agency			
▼ Depth While Drilling <u>9'</u>		Rotary Depth <u>N/A</u>		Geologist: <u>Dan Lacey</u>					
▽ Depth After Drilling <u>N/A</u>		Driller/Co: <u>Jorge/Mike/Earth Solutions, Inc.</u>							
Note: MW drilled 8/31/23 from 8:15 AM to 9:30 AM									


The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000.00 for each day failure continues, a fine up to \$50,000.00 and imprisonment up to five years. This form has been approved by the Forms Management Center.

LUST Incident No: 991372		Boring Number: PMW-25		Page 1 of 1					
Site Name: Illinois Ayers Oil Co.		Boring Location: See Map		Date: 8/30/2023					
Address: 430 Stanford Avenue Springfield, Illinois				Start 11:50 AM Finish 12:10 PM					
Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Qu Hand Penetrometer	OVA/PID/FID/OVM	Remarks
1	FIVE FOOT MACROCORE	60%		1	Concrete				
			ML-CL	2	Concrete Debris/Gravel	D			
			ML-CL	3	Black Silty Clay	D		13.1	
			ML-CL	4	Grey/Blue Silty Clay	D			
			ML-CL	5		M		2.4	
			ML-CL	6	Grey/Blue Silty Clay	M			
		80%	ML-CL	7	Petroleum Odor	M		140	Sample Taken
			ML-CL	8	Grey/Blue Silty Clay	M		110	
			ML-CL	9	Petroleum Odor	W			
			ML-CL	10	Black Silty Clay	W		115	
			ML-CL	11	Petroleum Odor	W			
			ML-CL	12	Brown Silty Clay	W		22.4	
		3	N/A	ML-CL	13		W		
				ML-CL	14	Brown Silty Clay	W		0
				ML-CL	15		W		
EOB @ 15' via Hollow Stem Auger									
2" Monitoring Well Installed to 15'									
4				16					
				17					
				18					
				19					
				20					
				21					
				22					
5				23					
				24					
				25					
				26					
				27					
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.									
Groundwater Date		Auger Depth <u>N/A</u> Rig <u>Geo Probe</u>		 Illinois Environmental Protection Agency					
▼ Depth While Drilling <u>9'</u>		Rotary Depth <u>N/A</u> Geologist: <u>Dan Lacey</u>							
▽ Depth After Drilling <u>N/A</u>		Driller/Co: <u>Jorge/Mike/Earth Solutions, Inc.</u>							
		Note: MW drilled 8/31/23 from 9:45 AM to 11:00 AM							

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LUST Incident No: 991372		Boring Number: PMW-26		Page 1 of 1							
Site Name: Illinois Ayers Oil Co.		Boring Location: See Map		Date: Start 12:15 PM 8/30/2023							
Address: 430 Stanford Avenue Springfield, Illinois				Finish 12:35 PM							
Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Q _u Hand Penetrometer	OVA/PID/FID/OVM	Remarks		
1	FIVE FOOT MACROCORE	50%		1	Concrete						
			SM	2	Concrete Debris/Gravel	D					
			SM	3	Brown Sand	D		0			
		2	100%		ML-CL	4	Grey/Blue Silty Clay	M		2.4	
					ML-CL	5		M			
					ML-CL	6	Grey/Blue Silty Clay	M		6.1	Sample Taken
					ML-CL	7		M			
					ML-CL	8	Grey/Blue Silty Clay	M		0	
					ML-CL	9		W			
					ML-CL	10	Grey/Blue Silty Clay	W		0	
					ML-CL	11		W			
					ML-CL	12	Grey/Brown Silty Clay	W		0	
					ML-CL	13		W			
					ML-CL	14	Grey/Brown Silty Clay	W		0	
					ML-CL	15		W			
3	N/A			16	EOB @ 15' via Hollow Stem Auger						
				17	2" Monitoring Well Installed to 15'						
				18							
				19							
				20							
				21							
				22							
				23							
				24							
				25							
				26							
				27							
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.											
Groundwater Date		Auger Depth		Rig		 Illinois Environmental Protection Agency					
▼ Depth While Drilling		N/A		Geo Probe							
9'		Rotary Depth		Geologist: Dan Lacey							
▼ Depth After Drilling		N/A		Driller/Co: Jorge/Mike/Earth Solutions, Inc.							
N/A		Note: MW drilled 8/31/23 from 11:15 AM to 12:30PM									

The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000.00 for each day failure continues, a fine up to \$50,000.00 and imprisonment up to five years. This form has been approved by the Forms Management Center.

LUST Incident No: 991372		Boring Number: PMW-27		Page 1 of 1					
Site Name: Illinois Ayers Oil Co.		Boring Location: See Map		Date: Start 12:45 PM 8/30/2023					
Address: 430 Stanford Avenue Springfield, Illinois				Finish 2:15 PM					
Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Qu Hand Penetrometer	OVA/PI/D/FID/OVM	Remarks
1	FIVE FOOT MACROCORE	80%		1	Asphalt				
			ML-CL	2	Asphalt Debris/Gravel	D			
			ML-CL	3	Black Silty Clay	D		0	
			ML-CL	4	Brown Silty Clay	M		0	
			ML-CL	5	Brown Silty Clay	M		0	
		90%	ML-CL	6	Brown Silty Clay	M		0	Sample Taken
			ML-CL	7	Brown Silty Clay	M		0	
			ML-CL	8	Brown Silty Clay	M		0	
			ML-CL	9	Brown Silty Clay	M		0	
			ML-CL	10	Grey/Brown Silty Clay	W		0	
		N/A	ML-CL	11	Grey/Brown Silty Clay	W		0	
			ML-CL	12	Grey/Brown Silty Clay	W		0	
			ML-CL	13	Grey/Brown Silty Clay	W		0	
			ML-CL	14	Grey/Brown Silty Clay	W		0	
			ML-CL	15	Grey/Brown Silty Clay	W		0	
4				16	EOB @ 15' via Hollow Stem Auger 2" Monitoring Well Installed to 15'				
				17					
				18					
				19					
				20					
				21					
				22					
				23					
				24					
				25					
				26					
				27					
5				28					
				29					
				30					
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.									
Groundwater Date		Auger Depth		Rig		 Illinois Environmental Protection Agency			
▼ Depth While Drilling		N/A		Geo Probe					
9'		Rotary Depth		Geologist: Dan Lacey					
▼ Depth After Drilling		Driller/Co: Jorge/Mike/Earth Solutions, Inc.							
N/A									

APPENDIX D
Monitoring Well Completion
Reports



Illinois Environmental Protection Agency

LUST Well Completion Report

Incident No.: 991372 Well No.: PMW-24
 Site Name: Beeline Properties, LLC Date Drilled Start: 8/30/2023 Time: 11:25 AM
 Drilling Contractor: Earth Solutions, Inc. Date Completed: 8/30/2023 Time: 11:45 AM
 Driller: Jorge/Mike Geologist: Dan Lacey
 Drilling Method: Hollow Stem Auger Drilling Fluids (type): N/A

Annular Space Details

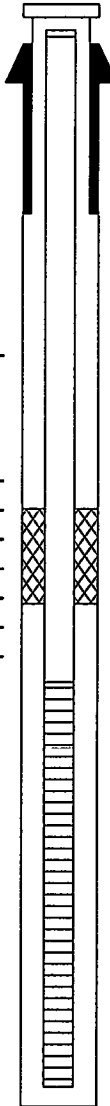
Type of Surface Seal: Cement
 Type of Annular Sealant: Bentonite
 Type of Bentonite Seal (Granular, Pellet) Pellet
 Type of Sand Pack: #5 Quartz Filter Sand

Elevations - .01 ft.

602.17 Top of Protective Casing
601.80 Top of Riser Pipe
602.17 Ground Surface
601.30 Top of Annular Sealant
0.37 Casing Stickup

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Threaded	
Riser pipe above w.t.		2" Schedule 40	
Riser pipe below w.t.		2" Schedule 40	
Screen		0.010" Slot	
Coupling joint screen to riser		Threaded	
Protective casing			Cast Iron



601.67 Top of Seal
0.50 Total Seal Interval

596.80 Top of Sand

596.80 Top of Screen

10.00 Total Screen Interval

586.80 Bottom of Screen

586.80 Bottom of Borehole

Measurements to .01 ft (where applicable)

Riser pipe length	5.00
Screen length	10.00
Screen slot size	0.010" Slot
Protective casing length	0.50
Depth to water	7.41
Elevation of water	594.39
Free product thickness	NA
Gallons removed (develop)	NA
Gallons removed (purge)	NA
Other	N/A

Completed by: Dan Lacey

The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information Failure to do so may result in a civil penalty up to \$25,000.00 for each day failure continues, a fine up to \$50,000 and imprisonment up to five years. This form has been approved by the Forms Management Center.

For Groundwater Monitoring Wells installed due to a release of petroleum subject to 35 Ill. Adm. Code Section 731, Subpart F.



Illinois Environmental Protection Agency

LUST Well Completion Report

Incident No.: 991372
 Site Name: Beeline Properties, LLC
 Drilling Contractor: Earth Solutions, Inc.
 Driller: Jorge/Mike
 Drilling Method: Hollow Stem Auger

Well No.: PMW-25
 Date Drilled Start: 8/30/2023 Time: 11:50 AM
 Date Completed: 8/30/2023 Time: 12:10 PM
 Geologist: Dan Lacey
 Drilling Fluids (type): N/A

Annular Space Details

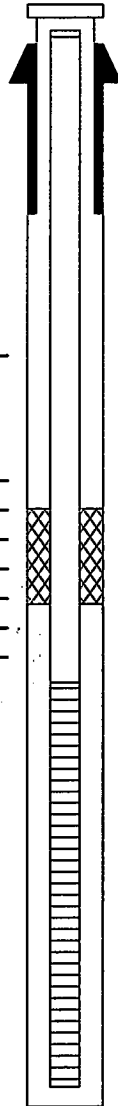
Type of Surface Seal: Cement
 Type of Annular Sealant: Bentonite
 Type of Bentonite Seal (Granular, Pellet) Pellet
 Type of Sand Pack: #5 Quartz Filter Sand

Elevations - .01 ft.

602.82 Top of Protective Casing
602.50 Top of Riser Pipe
602.82 Ground Surface
602.00 Top of Annular Sealant
0.32 Casing Stickup

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Threaded	
Riser pipe above w.t.		2" Schedule 40	
Riser pipe below w.t.		2" Schedule 40	
Screen		0.010" Slot	
Coupling joint screen to riser		Threaded	
Protective casing			Cast Iron



602.32 Top of Seal
0.50 Total Seal Interval
597.50 Top of Sand
597.50 Top of Screen
10.00 Total Screen Interval
587.50 Bottom of Screen
587.50 Bottom of Borehole

Measurements to .01 ft (where applicable)

Riser pipe length	5.00
Screen length	10.00
Screen slot size	0.010" Slot
Protective casing length	0.50
Depth to water	6.73
Elevation of water	595.77
Free product thickness	NA
Gallons removed (develop)	NA
Gallons removed (purge)	NA
Other	N/A

Completed by: Dan Lacey

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For Groundwater Monitoring Wells installed due to a release of petroleum subject to 35 Ill. Adm. Code Section 731, Subpart F.



Illinois Environmental Protection Agency

LUST Well Completion Report

Incident No.: 991372
 Site Name: Beeline Properties, LLC
 Drilling Contractor: Earth Solutions, Inc.
 Driller: Jorge/Mike
 Drilling Method: Hollow Stem Auger

Well No.: PMW-26
 Date Drilled Start: 8/30/2023 Time: 12:15 PM
 Date Completed: 8/30/2023 Time: 12:35 PM
 Geologist: Dan Lacey
 Drilling Fluids (type): N/A

Annular Space Details

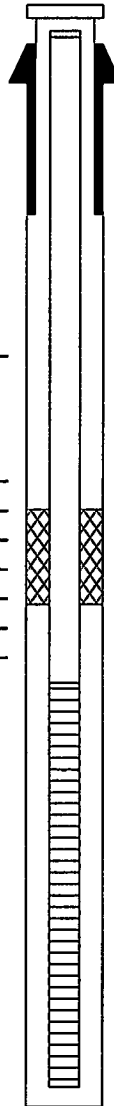
Type of Surface Seal: Cement
 Type of Annular Sealant: Bentonite
 Type of Bentonite Seal (Granular, Pellet) Pellet
 Type of Sand Pack: #5 Quartz Filter Sand

Elevations - .01 ft.

603.50 Top of Protective Casing
603.05 Top of Riser Pipe
603.50 Ground Surface
602.55 Top of Annular Sealant
0.45 Casing Stickup

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Threaded	
Riser pipe above w.t.		2" Schedule 40	
Riser pipe below w.t.		2" Schedule 40	
Screen		0.010" Slot	
Coupling joint screen to riser		Threaded	
Protective casing			Cast Iron



603.00 Top of Seal
0.50 Total Seal Interval
598.05 Top of Sand
598.05 Top of Screen
10.00 Total Screen Interval
588.05 Bottom of Screen
588.05 Bottom of Borehole

Measurements to .01 ft (where applicable)

Riser pipe length	5.00
Screen length	10.00
Screen slot size	0.010" Slot
Protective casing length	0.50
Depth to water	7.21
Elevation of water	595.84
Free product thickness	NA
Gallons removed (develop)	NA
Gallons removed (purge)	NA
Other	N/A

Completed by: Dan Lacey

The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information Failure to do so may result in a civil penalty up to \$25,000.00 for each day failure continues, a fine up to \$50,000 and imprisonment up to five years. This form has been approved by the Forms Management Center.

For Groundwater Monitoring Wells installed due to a release of petroleum subject to 35 Ill. Adm. Code Section 731, Subpart F.



Illinois Environmental Protection Agency

LUST Well Completion Report

Incident No.: 991372 Well No.: PMW-27
 Site Name: Beeline Properties, LLC Date Drilled Start: 8/30/2023 Time: 12:45 PM
 Drilling Contractor: Earth Solutions, Inc. Date Completed: 8/30/2023 Time: 2:15 PM
 Driller: Jorge/Mike Geologist: Dan Lacey
 Drilling Method: Hollow Stem Auger Drilling Fluids (type): N/A

Annular Space Details

Elevations - .01 ft.

Type of Surface Seal: Cement
 Type of Annular Sealant: Bentonite
 Type of Bentonite Seal (Granular, Pellet) Pellet
 Type of Sand Pack: #5 Quartz Filter Sand

604.53 Top of Protective Casing
604.17 Top of Riser Pipe
604.53 Ground Surface
603.67 Top of Annular Sealant
0.36 Casing Stickup

Well Construction Materials

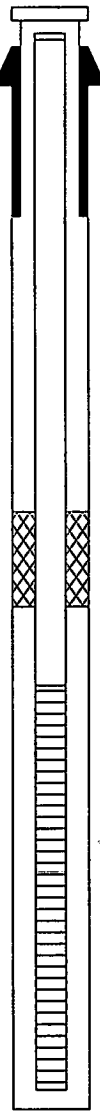
	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Threaded	
Riser pipe above w.t.		2" Schedule 40	
Riser pipe below w.t.		2" Schedule 40	
Screen		0.010" Slot	
Coupling joint screen to riser		Threaded	
Protective casing			Cast Iron

604.03 Top of Seal
0.50 Total Seal Interval
599.17 Top of Sand
599.17 Top of Screen

Measurements to .01 ft (where applicable)

Riser pipe length	5.00
Screen length	10.00
Screen slot size	0.010" Slot
Protective casing length	0.50
Depth to water	5.09
Elevation of water	599.08
Free product thickness	NA
Gallons removed (develop)	NA
Gallons removed (purge)	NA
Other	N/A

10.00 Total Screen Interval
589.17 Bottom of Screen
589.17 Bottom of Borehole



Completed by: Dan Lacey

The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information Failure to do so may result in a civil penalty up to \$25,000.00 for each day failure continues, a fine up to \$50,000 and imprisonment up to five years. This form has been approved by the Forms Management Center.

For Groundwater Monitoring Wells installed due to a release of petroleum subject to 35 Ill. Adm. Code Section 731, Subpart F.

APPENDIX E
Photographic Documentation

PHOTOGRAPHIC LOG

PROJECT: Illinois Ayers Oil Company-Springfield

PHOTOGRAPH #1

DATE: 8/30/23

VIEW: North

DESCRIPTION: Performing Soil Boring PB-19.



PROJECT: Illinois Ayers Oil Company-Springfield

PHOTOGRAPH #2

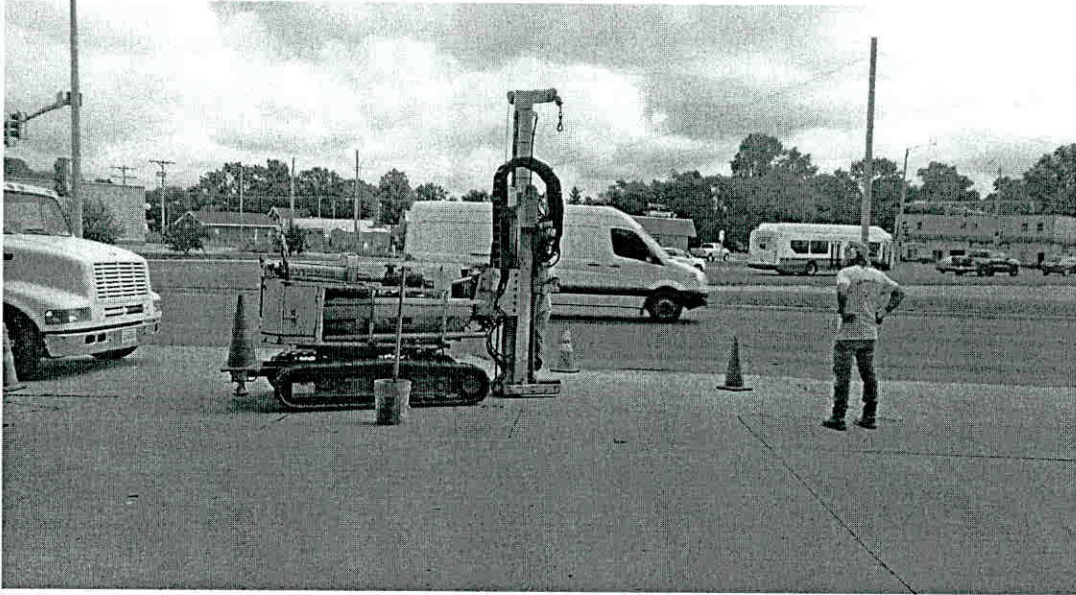
DATE: 8/30/23

VIEW: North

DESCRIPTION: Performing Soil Boring PMW-24.



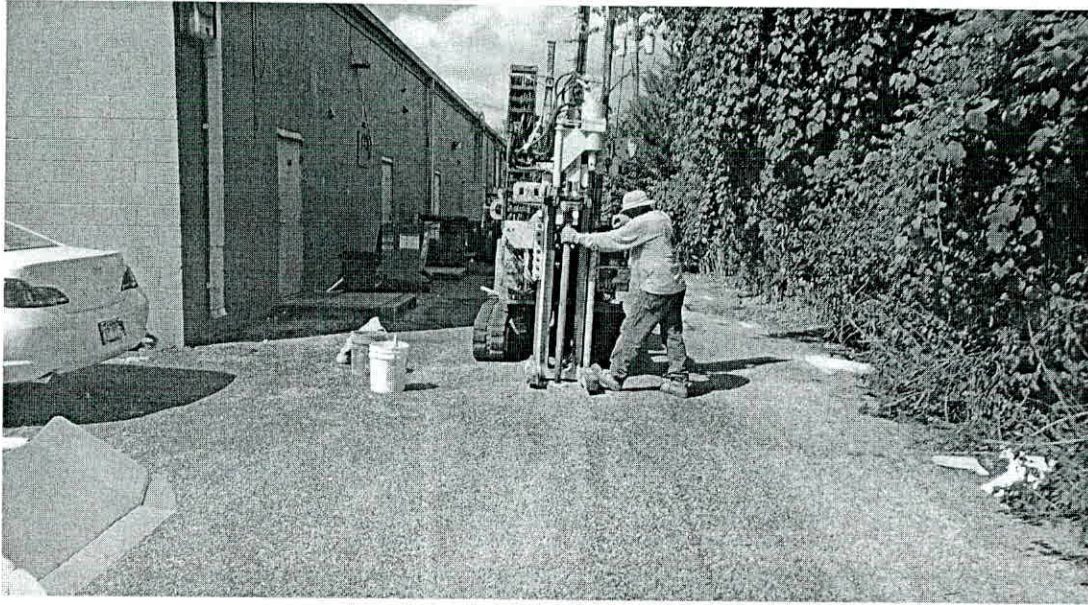
PROJECT: Illinois Ayers Oil Company-Springfield
PHOTOGRAPH #3
DATE: 8/30/23
VIEW: East
DESCRIPTION: Performing Soil Boring PMW-25.



PROJECT: Illinois Ayers Oil Company-Springfield
PHOTOGRAPH #4
DATE: 8/30/23
VIEW: East
DESCRIPTION: Performing Soil Boring PMW-26.



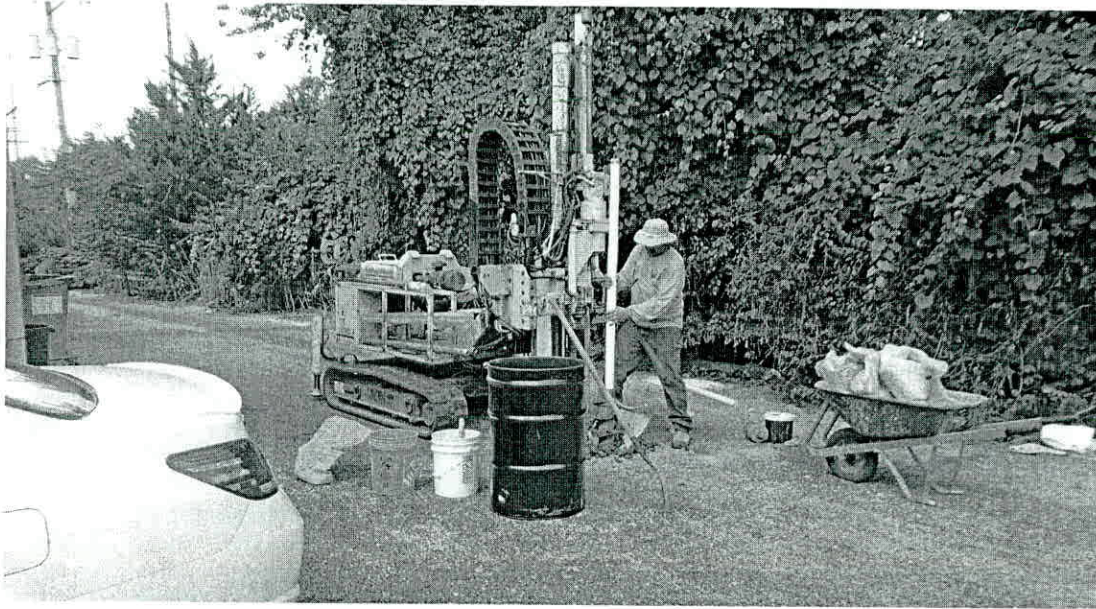
PROJECT: Illinois Ayers Oil Company-Springfield
PHOTOGRAPH #5
DATE: 8/30/23
VIEW: West
DESCRIPTION: Performing Soil Boring PMW-27.



PROJECT: Illinois Ayers Oil Company-Springfield
PHOTOGRAPH #6
DATE: 8/30/23
VIEW: West
DESCRIPTION: Drilling Monitoring Well PMW-27.



PROJECT: Illinois Ayers Oil Company-Springfield
PHOTOGRAPH #7
DATE: 8/30/23
VIEW: Northwest
DESCRIPTION: Installing Monitoring Well PMW-27.



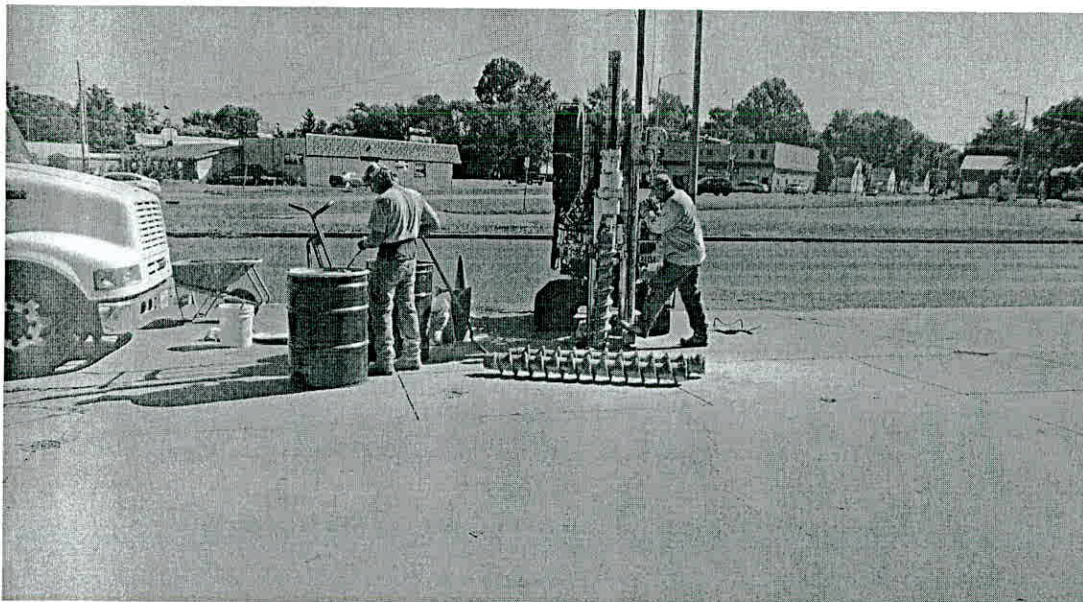
PROJECT: Illinois Ayers Oil Company-Springfield
PHOTOGRAPH #8
DATE: 8/31/23
VIEW: North
DESCRIPTION: Drilling Monitoring Well PMW-24.



PROJECT: Illinois Ayers Oil Company-Springfield
PHOTOGRAPH #9
DATE: 8/31/23
VIEW: North
DESCRIPTION: Installing Monitoring Well PMW-24.



PROJECT: Illinois Ayers Oil Company-Springfield
PHOTOGRAPH #10
DATE: 8/31/23
VIEW: East
DESCRIPTION: Drilling Monitoring Well PMW-25.



PROJECT: Illinois Ayers Oil Company-Springfield
PHOTOGRAPH #11
DATE: 8/31/23
VIEW: East
DESCRIPTION: Installing Monitoring Well PMW-25.



PROJECT: Illinois Ayers Oil Company-Springfield
PHOTOGRAPH #12
DATE: 8/31/23
VIEW: East
DESCRIPTION: Drilling Monitoring Well PMW-26.



PROJECT: Illinois Ayers Oil Company-Springfield

PHOTOGRAPH #13

DATE: 8/31/23

VIEW: East

DESCRIPTION: Installing Monitoring Well PMW-26.



PHOTOGRAPHIC LOG

PROJECT: Beeline Properties, LLC-Springfield

PHOTOGRAPH #14

DATE: 9/20/23

VIEW: Southeast

DESCRIPTION: Developing Monitoring well PMW-26.



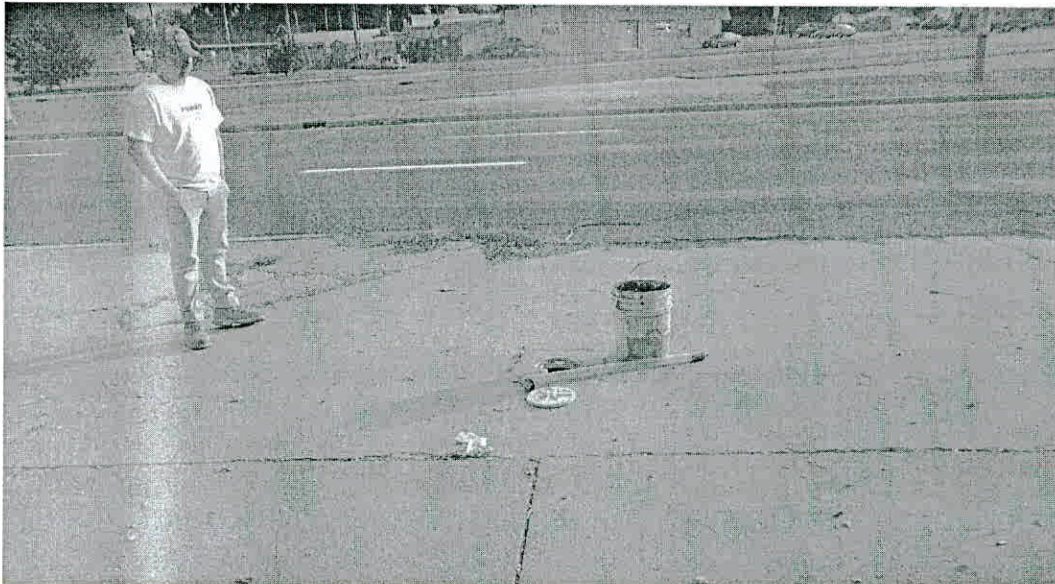
PROJECT: Beeline Properties, LLC-Springfield

PHOTOGRAPH #15

DATE: 9/20/23

VIEW: Northeast

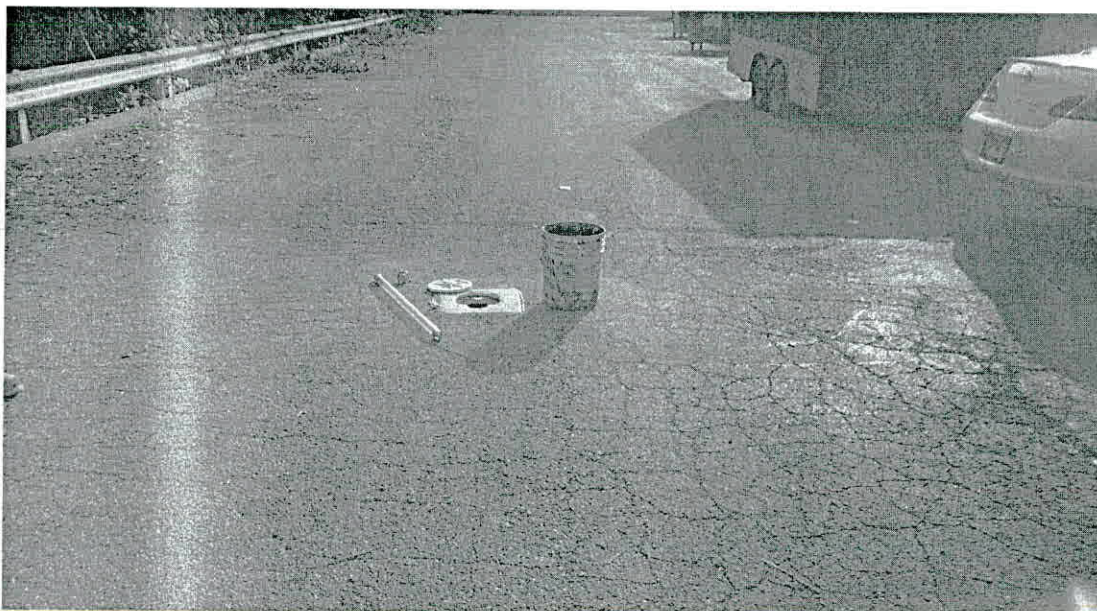
DESCRIPTION: Developing Monitoring well PMW-25.



PROJECT: Beeline Properties, LLC-Springfield
PHOTOGRAPH #16
DATE: 9/20/23
VIEW: Northwest
DESCRIPTION: Developing Monitoring well PMW-24.



PROJECT: Beeline Properties, LLC-Springfield
PHOTOGRAPH #17
DATE: 9/20/23
VIEW: East
DESCRIPTION: Developing Monitoring well PMW-27.



APPENDIX F
*Tier 2 Site Specific Soil
Remediation Objectives*

TABLE 1
TIER 2 SITE SPECIFIC SOIL REMEDIATION OBJECTIVES
ILLINOIS AYERS OIL COMPANY
SPRINGFIELD, ILLINOIS

Compound	Construction Worker Inhalation	Industrial Commercial Inhalation	Soil Saturation Limit
Benzene	7.96	11.46	2,547.49
Toluene	510.1*	159,671.2*	2,126.17
Ethylbenzene	24.84	15.78	1,343.9
Total Xylenes	40.8	3,193.4*	1,074.88

Notes:

All values represented in mg/kg

The soil remediation objectives shown above were calculated using SSL equations described in 35 IAC Section 742. Appendix C: Table A: SSL Equations.

* Since the Tier 2 value is over the soil saturation limit, the Tier 2 soil saturation limit value will be the soil remediation objective

**Illinois Ayers Oil Company
 Springfield, Illinois**

Residential, Industrial/Commercial
 Remediation Objectives for Carcinogenic
 Contaminants (mg/kg)

$$URF \cdot 1000 \frac{\mu\text{g}}{\text{mg}} \cdot EF \cdot ED \cdot \frac{1}{VF}$$

Construction Worker Remediation Objectives for
 Carcinogenic Contaminants (mg/kg)

$$URF \cdot 1000 \frac{\mu\text{g}}{\text{mg}} \cdot EF \cdot ED \cdot \frac{1}{VF}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
AT _c	AVERAGING TIME FOR CARCINOGENS	year	70
ED	EXPOSURE DURATION FOR INHALATION OF CARCINOGEN	year	RESIDENTIAL 30 INDUS/COMM. 25 CONST WRKR 1
EF	EXPOSURE FREQUENCY	d/yr	RESIDENTIAL 350 INDUS/COMM. 250 CONST WRKR 30
TR	TARGET CANCER RISK	unitless	RESIDENTIAL 10 ⁻⁶ INDUS/COMM. 10 ⁻⁶ CONST WRKR 10 ⁻⁶
URF	INHALATION UNIT RISK FACTOR	(^{μg} /m ³) ⁻¹	7.8x10 ⁻⁶ benzene
VF _{M-L}	VOLATILIZATION FACTOR	m ³ /kg	REFER TO EQ. S26& S27 WITHIN TACO

S26 - Mass-Limit Volatilization Factor for the
 Inhalation Exposure Route - Residential,
 Industrial/Commercial (m³/kg)

$$VF_{M-L} = \frac{Q}{C} \cdot \left[\frac{T_{M-L} \cdot (3.15 \cdot 10^7 \frac{s}{yr})}{\rho_b \cdot d_s \cdot 10^6 \frac{cm^3}{m^3}} \right]$$

S27 - Mass-Limit Volatilization Factor for the
 Inhalation Exposure Route - Construction Worker
 (m³/kg)

$$VF'_{M-L} = \frac{VF_{M-L}}{10}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
ds	DEPTH OF SOURCE	m	SITE SPECIFIC
Pb	DRY BULK DENSITY	g/cm ³	1.5, OR GRAVEL=2.0 SAND=1.8 SILT=1.6 CLAY=1.7, OR SITE SPECIFIC
Q/C	INVERSE OF THE MEAN CONCENTRATION AT THE CENTER OF A SQUARE SOURCE	(g/m ² -s)/(kg/m ³)	RESIDENTIAL 68.81 INDUS/COMM. 85.81 CONST WRKR 85.81 OR 742, Appendix C, Table H: Q/C by Source Area
T _{M-L}	EXPOSURE INTERVAL	yr	30

INPUT PARAMETERS FOR VF_{M-L}, RES/INDUS/COM PROP

Source Area	0.5 Acre
ds=	2.7432 m
Pb=	1.54 kg/L
Q/C=	97.78 (μm ² -s)/(kg/m ³) (Residential)
Q/C=	97.78 (g/m ² -s)/(kg/m ³) (Industrial/Commercial)
T _{M-L} =	25 yr
VF _{M-L} =	18227.30 m ³ /kg (Residential)
VF _{M-L} =	21872.76 m ³ /kg (Industrial/Commercial)

INPUT PARAMTERS FOR VF'_{M-L}, CONSTRUCTION WORKER

Source Area	0.5 Acre
ds=	2.7432 m
Pb=	1.54 kg/L
Q/C=	97.78 (μm ² -s)/(kg/m ³)
T _{M-L} =	1 yr
VF' _{M-L} =	72.91 m ³ /kg

INPUT PARAMETER VALUES RES/INDUS/COM PROP

AT _c =	70 year
ED=	30 year (Residential)
ED=	25 year (Industrial/Commercial)
EF=	350 d/yr (Residential)
EF=	250 d/yr (Industrial/Commercial)
TR=	1.00E-06 unitless
URF=	7.80E-06 (^{μg} /m ³) ⁻¹
VF _{M-L} =	18227.30 m ³ /kg (Residential)
VF _{M-L} =	21872.76 m ³ /kg (Industrial/Commercial)

INPUT PARAMETER VALUES FOR CONSTRUCTION WORKERS

AT _c =	70 year
ED=	1 year
EF=	30 d/yr
TR=	1.00E-06 unitless
URF=	7.80E-06 (^{μg} /m ³) ⁻¹
VF' _{M-L} =	72.91 m ³ /kg

Residential Inhalation Remediation Objective (S6) =	5.69 mg/kg	Construction Worker Inhalation Remediation Objective (S7) =	7.96 mg/kg
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Industrial/Commercial Inhalation Remediation Objective (S6) =	11.46 mg/kg
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EQUATIONS S6 AND S7 FOR INHALATION OF VOLATILE CONTAMINANTS IN SOIL
 Electronic Filing: Received, Clerk's Office 09/18/2024
 (CARCINOGENS)

**Illinois Ayers Oil Company
 Springfield, Illinois**

Residential, Industrial/Commercial Remediation Objectives for Carcinogenic Contaminants (mg/kg)	$TR \cdot AT_c \cdot 365 \frac{d}{yr}$ $URF \cdot 1000 \frac{\mu g}{mg} \cdot EF \cdot ED \cdot \frac{1}{VF}$	Construction Worker Remediation Objectives for Carcinogenic Contaminants (mg/kg)	$TR \cdot AT_c \cdot 365 \frac{d}{yr}$ $URF \cdot 1000 \frac{\mu g}{mg} \cdot EF \cdot ED \cdot \frac{1}{VF}$
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SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
AT _c	AVERAGING TIME FOR CARCINOGENS	year	70
ED	EXPOSURE DURATION FOR INHALATION OF CARCINOGEN	year	RESIDENTIAL 30 INDUS/COMM. 25 CONST WRKR 1
EF	EXPOSURE FREQUENCY	d/yr	RESIDENTIAL 350 INDUS/COMM. 250 CONST WRKR 30
TR	TARGET CANCER RISK	unitless	RESIDENTIAL 10 ⁻⁶ INDUS/COMM. 10 ⁻⁴ CONST WRKR 10 ⁻⁶
URF	INHALATION UNIT RISK FACTOR	(^{10⁶} /m ³) ⁻¹	2.5.8x10 ⁻⁶ ethylbenzene
VF _{M-L}	VOLATILIZATION FACTOR	m ³ /kg	REFER TO EQ. S26& S27 WITHIN TACO

S26 - Mass-Limit Volatilization Factor for the Inhalation Exposure Route - Residential, Industrial/Commercial (m ³ /kg)	$VF_{M-L} = \frac{Q}{C} \cdot \left[\frac{T_{M-L} \cdot (3.15 \cdot 10^7 \frac{s}{yr})}{\rho_b \cdot d_s \cdot 10^6 \frac{cm^3}{m^3}} \right]$	S27 - Mass-Limit Volatilization Factor for the Inhalation Exposure Route - Construction Worker (m ³ /kg)	$VF'_{M-L} = \frac{VF_{M-L}}{10}$
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SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
ds	DEPTH OF SOURCE	m	SITE SPECIFIC
Pb	DRY BULK DENSITY	g/cm ³	1.5, OR GRAVEL=2.0 SAND=1.8 SILT=1.6 CLAY=1.7, OR SITE SPECIFIC
Q/C	INVERSE OF THE MEAN CONCENTRATION AT THE CENTER OF A SQUARE SOURCE	(g/m ² -s)/(kg/m ³)	RESIDENTIAL 68.81 INDUS/COMM. 85.81 CONST WRKR 85.81 OR 742. Appendix C, Table H: Q/C by Source Area
T _{M-L}	EXPOSURE INTERVAL	yr	30

INPUT PARAMETERS FOR VF_{M-L}, RES/INDUS/COM PROP

Source Area	0.5 Acre
ds=	2.7432 m
Pb=	1.54 kg/L
Q/C=	97.78 (μ/m ² -s)/(kg/m ³) (Residential)
Q/C=	97.78 (g/m ² -s)/(kg/m ³) (Industrial/Commercial)
T _{M-L} =	25 yr
VF _{M-L} =	18227.30 m ³ /kg (Residential)
VF _{M-L} =	30112.33 m ³ /kg (Industrial/Commercial)

INPUT PARAMTERS FOR VF'_{M-L}, CONSTRUCTION WORKER

Source Area	0.5 Acre
ds=	2.7432 m
Pb=	1.54 kg/L
Q/C=	97.78 (μ/m ² -s)/(kg/m ³)
T _{M-L} =	1 yr
VF' _{M-L} =	72.91 m ³ /kg

INPUT PARAMETER VALUES RES/INDUS/COM PROP

AT _c =	70 year
ED=	30 year (Residential)
ED=	25 year (Industrial/Commercial)
EF=	350 d/yr (Residential)
EF=	250 d/yr (Industrial/Commercial)
TR=	1.00E-06 unitless
URF=	2.50E-06 (^{10⁶} /m ³) ⁻¹
VF _{M-L} =	18227.30 m ³ /kg (Residential)
VF _{M-L} =	30112.33 m ³ /kg (Industrial/Commercial)

INPUT PARAMETER VALUES FOR CONSTRUCTION WORKERS

AT _c =	70 year
ED=	1 year
EF=	30 d/yr
TR=	1.00E-06 unitless
URF=	2.50E-06 (^{10⁶} /m ³) ⁻¹
VF' _{M-L} =	72.91 m ³ /kg

Residential Inhalation Remediation Objective (S6) =	17.74 mg/kg
Construction Worker Inhalation Remediation Objective (S7) =	24.84 mg/kg

Industrial/Commercial Inhalation Remediation Objective (S6) =	15.78 mg/kg
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**Illinois Ayers Oil Company
 Springfield, Illinois**

Residential, Industrial/Commercial Remediation Objectives for Noncarcinogenic Contaminants (mg/kg)

$$\frac{THQ \cdot AT \cdot 365 \frac{d}{yr}}{EF \cdot ED \cdot \left(\frac{1}{RfC} \cdot \frac{1}{VF} \right)}$$

Construction Worker Remediation Objectives for Noncarcinogenic Contaminants (mg/kg)

$$\frac{THQ \cdot AT \cdot 365 \frac{d}{yr}}{EF \cdot ED \cdot \left(\frac{1}{RfC} \cdot \frac{1}{VF'} \right)}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
AT	AVERAGING TIME FOR NONCARCINOGENS	year	RESIDENTIAL 30 INDUS/COMM. 25 CONST WRKR 0.115
ED	EXPOSURE DURATION FOR INHALATION OF NONCARCINOGEN	year	RESIDENTIAL 30 INDUS/COMM. 25 CONST-WRKR 1
EF	EXPOSURE FREQUENCY	d/yr	RESIDENTIAL 350 INDUS/COMM. 250 CONST WRKR 30
RfC	INHALATION REFERENCE CONCENTRATION	mg/m ³	RESIDENTIAL 5.0 INDUS/COMM. 5.0 CONST WRKR 5.0
THQ	TARGET HAZARD QUOTIENT	unitless	1
VF _{M-L}	VOLATILIZATION FACTOR	m ³ /kg	REFER TO EQ. S26& S27 WITHIN TACO

<p>S26 - Mass-Limit Volatilization Factor for the Inhalation Exposure Route - Residential, Industrial/Commercial (m³/kg)</p> $VF_{M-L} = \frac{Q}{C} \cdot \frac{V_{M-L} \cdot \left(3.15 \cdot 10^7 \frac{s}{yr} \right)}{\rho_h \cdot d_s \cdot 10^6 \frac{cm^3}{m^3}}$	<p>S27 - Mass-Limit Volatilization Factor for the Inhalation Exposure Route - Construction Worker (m³/kg)</p> $VF'_{M-L} = \frac{VF_{M-L}}{10}$
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SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
ds	DEPTH OF SOURCE	m	SITE SPECIFIC
Pb	DRY BULK DENSITY	kg/L	1.5, OR GRAVEL=2.0 SAND=1.8 SILT=1.6 CLAY=1.7, OR SITE SPECIFIC
Q/C	INVERSE OF THE MEAN CONCENTRATION AT THE CENTER OF A SQUARE SOURCE	(g/m ² -s)/(kg/m ³)	RESIDENTIAL 68.81 INDUS/COMM. 85.81 CONST WRKR 85.81 OR 742.Appendix C, Table H: Q/C by Source Area
T _{M-L}	EXPOSURE INTERVAL	yr	30

INPUT PARAMETERS FOR VF_{M-L}, RES/INDUS/COM PROP

Source Area	0.5 Acre
ds=	2.7432 m
Pb=	1.54 kg/L
Q/C=	97.78 (g/m ² -s)/(kg/m ³) (Residential)
Q/C=	97.78 (g/m ² -s)/(kg/m ³) (Industrial/Commercial)
T _{M-L} =	25.00 yr
VF _{M-L} =	18227.30 m ³ /kg (Residential)
VF _{M-L} =	21872.76 m ³ /kg (Industrial/Commercial)

INPUT PARAMTERS VF'_{M-L}, CONSTRUCTION WORKER

Source Area	0.5 Acre
ds=	2.7432 m
Pb=	1.54 kg/L
Q/C=	97.78 (g/m ² -s)/(kg/m ³)
T _{M-L} =	1.00 yr
VF' _{M-L} =	72.91 m ³ /kg

INPUT PARAMETER VALUES RES/INDUS/COM PROP

AT=	30 year
ED=	30 year (Residential)
ED=	25 year (Industrial/Commercial)
EF=	350 d/yr (Residential)
EF=	250 d/yr (Industrial/Commercial)
RfC=	5.0 mg/m ³
THQ	1 unitless
VF _{M-L} =	18227.30 m ³ /kg (Residential)
VF _{M-L} =	21872.76 m ³ /kg (Industrial/Commercial)

INPUT PARAMETER VALUES FOR CONSTRUCTION WORKERS

AT=	0.115 year
ED=	1 year
EF=	30 d/yr
RfC=	5.0 mg/m ³
THQ	1 unitless
VF' _{M-L} =	72.91 m ³ /kg

Residential Inhalation Remediation Objective (S4) =	Construction Worker Inhalation Remediation Objective (S5) =
95,042.4 mg/kg	510.1 mg/kg

Industrial/Commercial Inhalation Remediation Objective (S4) =	159,671.2 mg/kg
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Illinois Ayers Oil Company
 Springfield, Illinois

Residential, Industrial/Commercial
 Remediation Objectives for Noncarcinogenic
 Contaminants (mg/kg)

$$\frac{THQ \cdot AT \cdot 365 \frac{d}{yr}}{EF \cdot ED \cdot \left(\frac{1}{RfC} \cdot \frac{1}{VF} \right)}$$

Construction Worker Remediation Objectives for
 Noncarcinogenic Contaminants (mg/kg)

$$\frac{THQ \cdot AT \cdot 365 \frac{d}{yr}}{EF \cdot ED \cdot \left(\frac{1}{RfC} \cdot \frac{1}{VF'} \right)}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
AT	AVERAGING TIME FOR NONCARCINOGENS	YEAR	RESIDENTIAL 30 INDUS/COMM. 25 CONST WRKR 0.115
ED	EXPOSURE DURATION FOR INHALATION OF NONCARCINOGENS	YEAR	RESIDENTIAL 30 INDUS/COMM. 25 CONST WRKR 1
EF	EXPOSURE FREQUENCY	D/YR	RESIDENTIAL 350 INDUS/COMM. 250 CONST WRKR 30
RfC	INHALATION REFERENCE CONCENTRATION	MG/M ³	RESIDENTIAL 0.1 INDUS/COMM. 0.1 CONST WRKR 0.4
THQ	TARGET HAZARD QUOTIENT	UNITLESS	1
VF _{M-L}	VOLATILIZATION FACTOR	M ³ /KG	REFER TO EQ. S26& S27 WITHIN TACO

S26 - Mass-Limit Volatilization Factor for the
 Inhalation Exposure Route - Residential,
 Industrial/Commercial (m³/kg)

$$VF_{M-L} = \frac{Q}{C} \cdot \frac{T_{M-L} \cdot \left(3.15 \cdot 10^7 \frac{s}{yr} \right)}{\rho_b \cdot d_s \cdot 10^6 \frac{cm^3}{m^3}}$$

S27 - Mass-Limit Volatilization Factor for the
 Inhalation Exposure Route - Construction Worker
 (m³/kg)

$$VF'_{M-L} = \frac{VF_{M-L}}{10}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
ds	DEPTH OF SOURCE	m	SITE SPECIFIC
Pb	DRY BULK DENSITY	kg/L	1.5, OR GRAVEL=2.0 SAND=1.8 SILT=1.6 CLAY=1.7, OR SITE SPECIFIC
Q/C	INVERSE OF THE MEAN CONCENTRATION AT THE CENTER OF A SQUARE SOURCE	(g/m ² -s)/(kg/m ³)	RESIDENTIAL 68.81 INDUS/COMM. 85.81 CONST WRKR 85.81 OR 742, Appendix C, Table H: Q/C by Source Area
T _{M-L}	EXPOSURE INTERVAL	yr	30

INPUT PARAMETERS FOR VF_{M-L}, RES/INDUS/COM PROP

Source Area	0.5 Acre
ds=	2.7432 m
Pb=	1.54 kg/L
Q/C=	97.78 (μ/m ² -s)/(kg/m ³) (Residential)
Q/C=	97.78 (g/m ² -s)/(kg/m ³) (Industrial/Commercial)
T _{M-L} =	25.00 yr
VF _{M-L} =	18227.30 m ³ /kg (Residential)
VF _{M-L} =	18227.30 m ³ /kg (Industrial/Commercial)

INPUT PARAMETERS FOR CONSTRUCTION WORKER

Source Area	0.5 Acre
ds=	2.7432 m
Pb=	1.54 kg/L
Q/C=	97.78 (μ/m ² -s)/(kg/m ³)
T _{M-L} =	1.00 yr
VF _{M-L} =	72.91 m ³ /kg

INPUT PARAMETER VALUES RES/INDUS/COM PROP

AT=	30 year (Residential)
AT=	25 year (Industrial/Commercial)
ED=	30 year (Residential)
ED=	25 year (Industrial/Commercial)
EF=	350 d/yr (Residential)
EF=	250 d/yr (Industrial/Commercial)
RfC=	0.1 mg/m ³
THQ	1 unitless
VF _{M-L} =	18227.30 m ³ /kg (Residential)
VF _{M-L} =	18227.30 m ³ /kg (Industrial/Commercial)

INPUT PARAMETER VALUES FOR CONSTRUCTION WORKERS

AT=	0.115 year
ED=	1 year
EF=	30 d/yr
RfC=	0.4 mg/m ³
THQ	1 unitless
VF _{M-L} =	72.91 m ³ /kg

Residential Inhalation Remediation
 Objective (S4) = 1,900.8 mg/kg

Construction Worker Inhalation Remediation
 Objective (S5) = 40.8 mg/kg

Industrial/Commercial Inhalation
 Remediation Objective (S4) = 3,193.4 mg/kg

EQUATIONS S20, S21 & S24 FOR DERIVATION OF
 TOTAL SOIL POROSITY, WATER-FILLED SOIL POROSITY & AIR-FILLED SOIL POROSITY

Illinois Ayers Oil Company
 Springfield, Illinois

S24 - Equation for Derivation of Total Soil Porosity,
 $\eta (L_{\text{pore}}/L_{\text{soil}})$

$$\eta = 1 - \frac{\rho_b}{\rho_s}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
ρ_b	Dry Soil Bulk Density	g/cm ³	Site-Specific Value
ρ_s	Soil Particle Density	g/cm ³	Site-Specific Value

INPUT PARAMETERS FOR η

$\rho_b =$ 1.54 g/cm³
 $\rho_s =$ 2.84 g/cm³

$\eta = 0.46 L_{\text{pore}}/L_{\text{soil}}$

S20 - Equation for Derivation of Water-Filled Soil Porosity,
 $\theta_w (L_{\text{water}}/L_{\text{soil}})$

$$\theta_w = \eta \cdot \left(\frac{l}{K_s}\right)^{1/(2b+3)}$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
η	Total Soil Porosity	$L_{\text{pore}}/L_{\text{soil}}$	Calculated Value Equation S24 in TACO
l	Infiltration Rate	m/yr	0.3
Soil Texture	USDA Soil Texture Classification	---	Site-Specific Value Appendix C, Illust. C
K_s	Saturated Hydraulic Conductivity	m/yr	Site-Specific Value Appendix C, Table K
$1/(2b+3)$	Exponential in Equation S20	unitless	Site-Specific Value Appendix C, Table K

Ks Values	
Sand	1,830
Loamy Sand	540
Sandy Loam	230
Silt Loam	120
Loam	60
Sandy Loam Clay	40
Silt Clay Loam	13
Clay Loam	20
Sandy Clay	10
Silt Clay	8

1/(2b+3) Values	
Sand	0.090
Loamy Sand	0.085
Sandy Loam	0.080
Silt Loam	0.074
Loam	0.073
Sandy Loam Clay	0.058
Silt Clay Loam	0.054
Clay Loam	0.050
Sandy Clay	0.042
Silt Clay	0.042

INPUT PARAMETERS FOR θ_w

$\eta =$ 0.46 $L_{\text{pore}}/L_{\text{soil}}$ Soil Texture = Silt Loam
 $l =$ 0.3 m/yr $K_s =$ 120 m/yr
 $1/(2b+3) =$ 0.074

$\theta_w = 0.29 L_{\text{water}}/L_{\text{soil}}$

S21 - Equation for Derivation of Air-Filled Soil Porosity,
 $\theta_a (L_{\text{air}}/L_{\text{soil}})$

$$\theta_a = \eta - \theta_w$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES
η	Total Soil Porosity	$L_{\text{pore}}/L_{\text{soil}}$	Calculated Value Equation S24 in TACO
θ_w	Water-Filled Soil Porosity	$L_{\text{water}}/L_{\text{soil}}$	Calculated Value Equation S20 in TACO

INPUT PARAMETERS FOR θ_a

$\eta =$ 0.46 g/cm³
 $\theta_w =$ 0.29 g/cm³

$\theta_a = 0.16 L_{\text{air}}/L_{\text{soil}}$

Illinois Ayers Oil Company in Springfield, Illinois

$$C_{sat} = \frac{S}{\rho_b} \cdot [(K_d \cdot \rho_b) + \theta_w + (H' \cdot \theta_a)]$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES	
S	Solubility in Water	mg/l	Benzene	1,750
			Toluene	526
			Ethylbenzene	169
			Total Xylenes	186
ρ _b	Bulk Soil Density	g/cm ³	Gravel	2.0
			Sand	1.8
			Silt	1.6
			Clay	1.7
			or Site-Specific	
K _d	Soil-Water Partition Coefficient	cm ³ /g	K _d = K _{oc} • f _{oc}	
K _{oc}	Organic Carbon Partition Coefficient	cm ³ /g	Benzene	58.9
			Toluene	182
			Ethylbenzene	363
			Total Xylenes	260
f _{oc}	Fractional Organic Carbon	g/g	Site specific	
θ _w	Water Filled Soil Porosity	Dimensionless	Gravel	0.20
			Sand	0.18
			Silt	0.16
			Clay	0.17
H'	Henry's Law Constant	Dimensionless	Benzene	0.288
			Toluene	0.272
			Ethylbenzene	0.323
			Total Xylenes	0.250
θ _a	Air Filled Soil Porosity	Dimensionless	Gravel	0.05
			Sand	0.14
			Silt	0.24
			Clay	0.19

INPUT PARAMETER VALUES/INTERMEDIATE VALUES

S=	1750 mg/l	
ρ _b =	1.54 g/cm ³	<--enter site specific data or default value per your lithology
K _{oc} =	58.9 L/kg	
f _{oc} =	24000 mg/kg	<--enter your TOC Method 9060 laboratory concentration in mg/kg to convert to, if using foc Method ASTM 2974-87C, multiple the % concentration by 10,000
f _{oc} =	0.024 g/g	
K _d =	1.414 cm ³ /g	
θ _w =	0.29 dimensionless	<--run porosity calculations tab first
H'=	0.228 dimensionless	
θ _a =	0.16 dimensionless	<--run porosity calculations tab first
C_{sat} =	2850.15 mg/kg	

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DERIVATION OF THE SOIL SATURATION LIMIT, C_{sat}
SSL Equations S19 and S29

Illinois Ayers Oil Company in Springfield, Illinois

$$C_{sat} = \frac{S}{\rho_b} \cdot [(K_d \cdot \rho_b) + \theta_w + (H' \cdot \theta_a)]$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES	
S	Solubility in Water	mg/l	Benzene	1,800
ρ _b	Bulk Soil Density	g/cm ³	Gravel	2.0
			Sand	1.8
			Silt	1.6
			Clay	1.7
			or Site-Specific	
K _d	Soil-Water Partition Coefficient	cm ³ /g	K _d = K _{oc} • f _{oc}	
K _{oc}	Organic Carbon Partition Coefficient	cm ³ /g	Benzene	50.0
f _{oc}	Fractional Organic Carbon	g/g	Site specific	
θ _w	Water Filled Soil Porosity	Dimensionless	Gravel	0.20
			Sand	0.18
			Silt	0.16
			Clay	0.17
			or Site-Specific	
H'	Henry's Law Constant	Dimensionless	Benzene	0.230
θ _a	Air Filled Soil Porosity	Dimensionless	Gravel	0.05
			Sand	0.14
			Silt	0.24
			Clay	0.19
			or Site-Specific	

INPUT PARAMETER VALUES/INTERMEDIATE VALUES

S=	1,800 mg/l	K _d =	1.20E+00 cm ³ /g
ρ _b =	1.54 g/cm ³	θ _w =	0.29 dimensionless
K _{oc} =	50.0 L/kg	H'=	0.230 dimensionless
f _{oc} =	24,000 mg/kg	θ _a =	0.16 dimensionless
f _{oc} =	0.024 g/g		

C_{sat} = 2,547.49 mg/kg

Calculated Tier 2 C_{sat} = 2,547 mg/kg

Tier 1 Non-Exceedence Check (value of C_{sat} will change if Tier 2 C_{sat} is less than Tier 1 C_{sat}):

C _{sat} (Soil Comp of GW Ingestion) =	2,547 mg/kg
C _{sat} (Soil Outdoor Inhalation) =	2,547 mg/kg

Electronic Filing: Received, Clerk's Office 09/18/2024
DERIVATION OF THE SOIL SATURATION LIMIT, C_{sat}
SSL Equations S19 and S29

Illinois Ayers Oil Company in Springfield, Illinois

$$C_{sat} = \frac{S}{\rho_b} \cdot [(K_d \cdot \rho_b) + \theta_w + (H' \cdot \theta_a)]$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES	
S	Solubility in Water	mg/l	Toluene	530
ρ _b	Bulk Soil Density	g/cm ³	Gravel	2.0
			Sand	1.8
			Silt	1.6
			Clay	1.7
			or Site-Specific	
K _d	Soil-Water Partition Coefficient	cm ³ /g	K _d = K _{oc} • f _{oc}	
K _{oc}	Organic Carbon Partition Coefficient	cm ³ /g	Toluene	158
f _{oc}	Fractional Organic Carbon	g/g	Site specific	
θ _w	Water Filled Soil Porosity	Dimensionless	Gravel	0.20
			Sand	0.18
			Silt	0.16
			Clay	0.17
			or Site-Specific	
H'	Henry's Law Constant	Dimensionless	Toluene	0.271
θ _a	Air Filled Soil Porosity	Dimensionless	Gravel	0.05
			Sand	0.14
			Silt	0.24
			Clay	0.19
			or Site-Specific	

INPUT PARAMETER VALUES/INTERMEDIATE VALUES

S=	530 mg/l	K _d =	3.79E+00 cm ³ /g
ρ _b =	1.54 g/cm ³	θ _w =	0.29 dimensionless
K _{oc} =	158 L/kg	H'=	0.271 dimensionless
f _{oc} =	24,000 mg/kg	θ _a =	0.16 dimensionless
f _{oc} =	0.024 g/g		

C_{sat} = 2,126.17 mg/kg

Calculated Tier 2 C_{sat} = 2,126 mg/kg

Tier 1 Non-Exceedence Check (value of C_{sat} will change if Tier 2 C_{sat} is less than Tier 1 C_{sat}):

C _{sat} (Soil Comp of GW Ingestion) =	2,126 mg/kg
C _{sat} (Soil Outdoor Inhalation) =	2,126 mg/kg

Electronic Filing: Received, Clerk's Office 09/18/2024
DERIVATION OF THE SOIL SATURATION LIMIT, C_{sat}
SSL Equations S19 and S29

Illinois Ayers Oil Company in Springfield, Illinois

$$C_{sat} = \frac{S}{\rho_b} \cdot [(K_d \cdot \rho_b) + \theta_w + (H' \cdot \theta_a)]$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES	
S	Solubility in Water	mg/l	Ethylbenzene	170
ρ _b	Bulk Soil Density	g/cm ³	Gravel	2.0
			Sand	1.8
			Silt	1.6
			Clay	1.7
			or Site-Specific	
K _d	Soil-Water Partition Coefficient	cm ³ /g	K _d = K _{oc} • f _{oc}	
K _{oc}	Organic Carbon Partition Coefficient	cm ³ /g	Ethylbenzene	320
f _{oc}	Fractional Organic Carbon	g/g	Site specific	
θ _w	Water Filled Soil Porosity	Dimensionless	Gravel	0.20
			Sand	0.18
			Silt	0.16
			Clay	0.17
			or Site-Specific Equation S20	
H'	Henry's Law Constant	Dimensionless	Ethylbenzene	0.324
θ _a	Air Filled Soil Porosity	Dimensionless	Gravel	0.05
			Sand	0.14
			Silt	0.24
			Clay	0.19
			or Site-Specific Equation S21	

INPUT PARAMETER VALUES/INTERMEDIATE VALUES

S=	170 mg/l	K _d =	7.68E+00 cm ³ /g
ρ _b =	1.54 g/cm ³	θ _w =	0.29 dimensionless
K _{oc} =	320 L/kg	H'=	0.324 dimensionless
f _{oc} =	24,000 mg/kg	θ _a =	0.16 dimensionless
f _{oc} '=	0.024 g/g		

C_{sat} = 1,343.90 mg/kg

Calculated Tier 2 C_{sat} = 1,344 mg/kg

Tier 1 Non-Exceedence Check (value of C_{sat} will change if Tier 2 C_{sat} is less than Tier 1 C_{sat}):

C _{sat} (Soil Comp of GW Ingestion) =	1,344 mg/kg
C _{sat} (Soil Outdoor Inhalation) =	1,344 mg/kg

Electronic Filing: Received, Clerk's Office 09/18/2024
DERIVATION OF THE SOIL SATURATION LIMIT, C_{sat}
SSL Equations S19 and S29

Illinois Ayers Oil Company in Springfield, Illinois

$$C_{sat} = \frac{S}{\rho_b} \cdot [(K_d \cdot \rho_b) + \theta_w + (H' \cdot \theta_a)]$$

SYMBOL	PARAMETER	UNITS	PARAMETER VALUES	
S	Solubility in Water	mg/l	Total Xylenes	110
ρ _b	Bulk Soil Density	g/cm ³	Gravel	2.0
			Sand	1.8
			Silt	1.6
			Clay	1.7
			or Site-Specific	
K _d	Soil-Water Partition Coefficient	cm ³ /g	K _d = K _{oc} • f _{oc}	
K _{oc}	Organic Carbon Partition Coefficient	cm ³ /g	Total Xylenes	398
f _{oc}	Fractional Organic Carbon	g/g	Site specific	
			Gravel	0.20
			Sand	0.18
			Silt	0.16
			Clay	0.17
or Site-Specific			Equation S20	
θ _w	Water Filled Soil Porosity	Dimensionless	Total Xylenes	0.271
θ _a	Air Filled Soil Porosity	Dimensionless	Gravel	0.05
			Sand	0.14
			Silt	0.24
			Clay	0.19
			or Site-Specific	

INPUT PARAMETER VALUES/INTERMEDIATE VALUES

S=	110 mg/l	K _d =	9.55E+00 cm ³ /g
ρ _b =	1.54 g/cm ³	θ _w =	0.29 dimensionless
K _{oc} =	398 L/kg	H'=	0.271 dimensionless
f _{oc} =	24,000 mg/kg	θ _a =	0.16 dimensionless
f _{oc} =	0.024 g/g		

C_{sat} = 1,074.88 mg/kg

Calculated Tier 2 C_{sat} = 1,075 mg/kg

Tier 1 Non-Exceedence Check (value of C_{sat} will change if Tier 2 C_{sat} is less than Tier 1 C_{sat}):

C _{sat} (Soil Comp of GW Ingestion) =	1,075 mg/kg
C _{sat} (Soil Outdoor Inhalation) =	1,075 mg/kg

TOTAL XYLENES

APPENDIX F
*Groundwater Elevation Table
and Gradient*

Groundwater Elevation Table

Illinois Ayers Oil Company
430 Stanford Avenue, Springfield, Illinois

Collection Date: 9/22/23			
Monitoring Well	Groundwater Depth (ft)	Groundwater Elevation (ft)	Riser Elevation (ft)
MW-11	7.88	595.27	603.15
MW-12	7.70	596.03	603.73
MW-13	7.42	595.76	603.18
MW-14	7.60	595.84	603.44
MW-15	8.15	593.72	601.87
MW-16	7.71	593.98	601.69
MW-17	8.05	593.97	602.02
MW-18	7.91	594.48	602.39
MW-19	6.82	596.24	603.06
MW-20	7.36	596.25	603.61
MW-21	6.93	595.30	602.23
MW-22	8.89	592.85	601.74
PMW-24	7.41	594.39	601.80
PMW-25	6.73	595.77	602.50
PMW-26	7.21	595.89	603.05
PMW-27	5.09	599.08	604.17

EPA On-line Tools for Site Assessment Calculation

Hydraulic Gradient – Magnitude and Direction

Gradient Calculation from fitting a plane to as many as thirty points

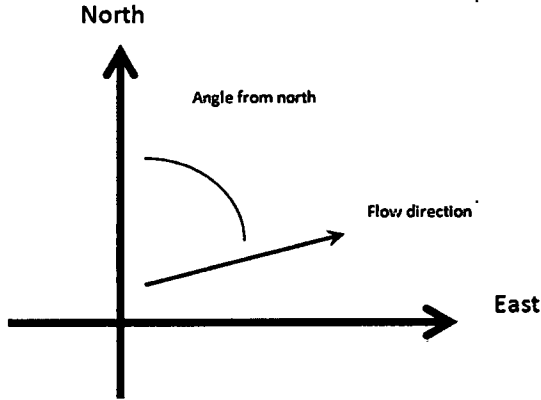
$$\begin{aligned}
 a x_1 + b y_1 + c &= h_1 \\
 a x_2 + b y_2 + c &= h_2 \\
 a x_3 + b y_3 + c &= h_3 \\
 &\dots \\
 a x_{30} + b y_{30} + c &= h_{30}
 \end{aligned}$$

where (x_i, y_i) are the coordinates of the well and h_i is the head

$i = 1, 2, 3, \dots, 30$

The coefficients a , b , and c are calculated by a least-squares fitting of the data to a plane

The gradient is calculated from the square root of $(a^2 + b^2)$ and the angle from the arctangent of a/b or b/a depending on the quadrant



Inputs

Site Name:

Date:

Calculation basis:

Coordinates:

I.D.	x-coordinate	y-coordinate	head ft
1) MW-11	4,477.2934	2,871.2392	595.27
2) MW-12	4,376.1714	2,894.1914	596.03
3) MW-13	4,321.6393	2,907.2787	595.76
4) MW-14	4,316.5394	2,827.2969	595.84
5) MW-15	4,247.7336	2,930.0916	593.72
6) MW-16	4,302.8120	3,048.0175	593.98
7) MW-17	4,443.4414	3,059.6947	593.97
8) MW-18	4,523.2776	2,935.6131	594.48
9) MW-19	4,528.6765	2,820.5851	596.24
10) MW-20	4,425.4326	2,821.9902	596.25
11) MW-21	4,455.7485	2,911.8078	595.30
12) MW-22	4,192.2580	2,914.8127	592.85
13) PMW-24	4,426.2845	2,949.3840	594.39
14) PMW-25	4,502.6549	2,872.4636	595.77
15) PMW-26	4,538.2996	2,840.6953	595.89
16) PWM-27	4,426.3608	2,703.2966	599.08
17)			
18)			
19)			
20)			
21)			
22)			
23)			
24)			
25)			
26)			
27)			
28)			
29)			
30)			

Results

Number of Points Used in Calculation	16
Max. Difference Between Head Values	1.699
Gradient Magnitude (l)	1.686
Flow direction as degrees from North (positive y axis)	331.7
Coefficient of Determination (R ²)	0.134

PEI Perry Environmental, Inc.

Environmental Consultants

December 8, 2023

Illinois Environmental Protection Agency
Bureau of Land - #24
LUST Claims Unit
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

Re: LPC #1671203337 – Sangamon County
Springfield / Illinois Ayers Oil Company
430 Stanford Avenue
LUST Incident #991372
LUST Fiscal File

Dear Claims Unit:

Perry Environmental, Inc., on behalf of the UST owner of the above-referenced facility, is pleased to submit the enclosed Billing Package for Corrective Action Activities completed for your review and approval. Thank you for your assistance. Should you have any questions or comments, please me at (217) 523-5446 or via email at jfortado@perryenvironmental.net.

Sincerely,



Josh Fortado
Senior Project Manager
Perry Environmental, Inc.

900 South Spring Street • Springfield, Illinois 62704
Ph: (217) 523-5446

RECEIVED

DEC 13 2023

IEPA/BOL

General Information for the Budget and Billing Forms

LPC#: 1671203337 County: Sangamon

City: Springfield Site Name: Illinois Ayers Oil Company

Site Address: 430 Stanford Avenue

IEMA Incident No.: 991372

IEMA Notification Date: 6/08/1999

Date this form was prepared: 11/7/2023

This form is being submitted as a (check one):

- Budget Proposal
- Budget Amendment (Budget Amendments must include only the costs over the previous budget.)
- Billing Package

Please provide the name(s) and date(s) of report(s) documenting the costs requested:

Name(s): AMD CAP Plan & Budget

Date(s): 6/27/2008

This package is being submitted for the site activities indicated below (check one):

35 III Adm. Code 734:

- Early Action
- Free Product Removal after Early Action
- Site Investigation: Stage 1: Stage 2: Stage 3:
- Corrective Action

35 III Adm. Code 732:

- Early Action
- Free Product Removal after Early Action
- Site Classification
- Low Priority Corrective Action
- High Priority Corrective Action

35 III Adm. Code 731:

- Site Investigation
- Corrective Action

RECEIVED
DEC 13 2023
IEPA/BOL

General Information for the Budget and Billing Forms

The following address will be used as the mailing address for checks and any final determination letters regarding payment from the Fund.

Pay to the order of: Beeline Properties, LLC

Send in care of: Perry Environmental, Inc.

Address: 900 South Spring Street

City: Springfield

State: Illinois

Zip: 62704

The payee is the:

Owner

Operator

(Check one or both.)



Signature of the owner or operator of the UST(s) (required)

If you have a change of address, click [here](#) to print off a W-9 Form.

Number of petroleum USTs in Illinois presently owned or operated by the owner or operator; any subsidiary, parent or joint stock company of the owner or operator; and any company owned by any parent, subsidiary or joint stock company of the owner or operator:

Fewer than 101:

101 or more:

Number of USTs at the site: 8 (Number of USTs includes USTs presently at the site and USTs that have been removed.)

Number of incidents reported to IEMA for this site: 1

Incident Numbers assigned to the site due to releases from USTs: 991372

Please list all tanks that have ever been located at the site and tanks that are presently located at the site.

Product Stored in UST	Size (gallons)	Did UST have a release?	Incident No.	Type of Release Tank Leak/ Overfill/ Piping Leak
Gasoline	12,000	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	991372	Overfill
Gasoline	12,000	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	991372	Overfill
Gasoline	10,000	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	991372	Overfill
Diesel	10,000	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	991372	Overfill
Gasoline - Regular	15,000	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Gasoline - Regular	8,000	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Gasoline - Premium	6,000	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
Diesel	6,000	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
		Yes <input type="checkbox"/> No <input type="checkbox"/>		

Approved Budget Summary and Billing Total

The total amounts from each individual form should be entered in the appropriate box below. Please note that early action activities or corrective action conducted pursuant to 35 Ill. Adm. Code 731 neither requires nor allows for pre-approval of costs in a budget; therefore, the first column of this form "Amount Approved in the Budget" will not be completed for Part 731 applications for payment.

	\$ Amount Approved in the Budget	\$ Amount Requested for Payment from the Fund
1. Drilling and Monitoring Well Costs Form	\$3,623.00	\$2,661.68
2. Analytical Costs Form	\$5,448.33	\$5,201.64
3. Remediation and Disposal Costs Form	\$0.00	\$0.00
4. UST Removal and Abandonment Costs Form	\$0.00	\$0.00
5. Paving, Demolition, and Well Abandonment Costs Form	\$0.00	\$0.00
6. Consulting Personnel Costs Form	\$31,344.16	\$9,432.65
7. Consultant's Materials Costs Form	\$1,820.60	\$380.90
Total Amount Approved in the Budget*	\$42,236.09	NOT APPLICABLE
Subtotal of lines 1-6:	NOT APPLICABLE	\$17,676.87
Handling Charges Form	NOT APPLICABLE	\$0.00
TOTAL AMOUNT REQUESTED FOR REIMBURSEMENT	NOT APPLICABLE	\$17,676.87 (17,676.87)

* Date(s) this Budget(s) was approved:

8/20/2008

↑ already completed + reimbursed in 2009

Drilling and Monitoring Well Costs Form

1. Drilling

Number of Borings to Be Drilled	Type HSA / PUSH / Injection	Depth (feet) of Each Boring	Total Feet Drilled	Reason for Drilling
1	PUSH	8	8	PB-19
4	HSA	15	60	PMW-24, PMW-25, PMW-26, & PMW-27
			0	
			0	
			0	
			0	

	Total Feet	Rate per Foot (\$)	Total Cost
Total Feet via HSA:	60	\$24.25	\$1,461.00
Total Feet via PUSH:	8	\$19.06	\$152.80
Total Feet for Injection via PUSH:			\$0.00
Total Drilling Cost:			\$1,613.48

2. Monitoring / Recovery Wells

Number of Wells	Type of Well HSA / PUSH / 4" or 6" Recovery / 8" Recovery	Diameter of Well (inches)	Depth of Well (feet)	Total Feet of Wells to Be Installed
4	HSA	2	15	60
				0
				0
				0
				0

Well Installation	Total Feet	Rate per Foot (\$)	Total Cost
Total Feet via HSA:	60	\$17.47	\$1,048.20
Total Feet via PUSH:			
Total Feet of 4" or 6" Recovery:			\$0.00
Total Feet of 8" or Greater Recovery:			\$0.00
Total Well Costs:			\$1,048.20

Total Drilling and Monitoring Well Costs:	\$2,661.68
--	-------------------



Earth Solutions Inc.
 P.O. Box 748
 Montgomery, IL 60538
 630-443-0955
 www.myearthsolutions.com

Invoice

Date	Invoice #
10/3/2023	8906

Bill To

Perry Environmental, Inc.
 900 South Spring St.
 Springfield, IL. 62704

P.O. No.	Terms	Due Date	Account #	Project #
	Net 30	11/2/2023		
Description		Qty	Rate	Amount
Drilling services on August 30 -31, 2023 at 430 E. Stanford Ave., Springfield, IL				
Direct-push platform for sampling		25	19.06	476.50
Hollow-stem auger Sampling		60	24.35	1,461.00
Monitoring well installation via hollow-stem auger		60	17.47	1,048.20
55 Gallon Drums		4	95.00	380.00
Total				\$3,365.70
Payments/Credits				\$0.00
Balance Due				\$3,365.70

Analytical Costs Form

Laboratory Analysis	Number of Samples		Cost (\$) per Analysis		Total per parameter
Chemical Analysis					
BETX Soil with MTBE (EPA 8260)	5	x	\$89.99	=	\$449.95
BETX - Water with MTBE (EPA 8260)	16	x	\$85.76	=	\$1,372.16
COD (Chemical Oxygen Demand)		x		=	\$0.00
Corrosivity		x		=	\$0.00
Flash Point or Ignitability Analysis EPA 1010		x		=	\$0.00
Fraction Organic Carbon (f _{oc}) ASTM-D 2974-00		x		=	\$0.00
Fat, Oil, & Grease (FOG)		x		=	\$0.00
LUSt Pollutants Soil - analysis must include volatile, base/neutral polynuclear aromatics and metals list in Section 732, Appendix B and 734, Appendix B		x		=	\$0.00
Dissolved Oxygen (DO)		x		=	\$0.00
Paint Filter (Free Liquids)		x		=	\$0.00
PCB / Pesticides (combination)		x		=	\$0.00
PCBs		x		=	\$0.00
Pesticides		x		=	\$0.00
pH		x		=	\$0.00
Phenol		x		=	\$0.00
Polynuclear Aromatics PNA, or PAH Soil EPA 8270	5	x	\$160.93	=	\$804.65
Polynuclear Aromatics PNA, or PAH Water EPA 8270	16	x	\$160.93	=	\$2,574.88
Reactivity		x		=	\$0.00
SVOC - Soil (Semi-Volatile Organic Compounds)		x		=	\$0.00
SVOC - Water (Semi-Volatile Organic Compounds)		x		=	\$0.00
TKN (Total Kjeldahl) "nitrogen"		x		=	\$0.00
TPH (Total Petroleum Hydrocarbons)		x		=	\$0.00
VOC (Volatile Organic Compound) - Soil (Non-Aqueous)		x		=	\$0.00
VOC (Volatile Organic Compound) - Water		x		=	\$0.00
Soil Vapor Testing for BTEX Compounds		x		=	\$0.00
		x		=	\$0.00
		x		=	
		x		=	
		x		=	
Geo-Technical Analysis					
Soil Bulk Density (p _b) ASTM D2937-94		x		=	\$0.00
Ex-Situ Hydraulic Conductivity / Permeability		x		=	\$0.00
Moisture Content (w) ASTM D2216-92 / D4643-93		x		=	\$0.00
Porosity		x		=	\$0.00
Rock Hydraulic Conductivity Ex-Situ		x		=	\$0.00
Sieve / Particle Size Analysis ASTM D422-63 / D1140-54		x		=	\$0.00
Soil Classification ASTM D2488-90 / D2487-90		x		=	\$0.00
Soil Particle Density (p _s) ASTM D854-92		x		=	\$0.00
		x		=	
		x		=	
		x		=	

Analytical Costs Form

Metals Analysis					
Soil preparation fee for Metals Soil TCLP (one fee per soil sample)		x		=	\$0.00
Soil preparation fee for Metals Total Soil (one fee per soil sample)		x		=	\$0.00
Water preparation fee for Metals in Water (one fee per soil sample)		x		=	\$0.00
Arsenic TCLP Soil		x		=	\$0.00
Arsenic Total Soil		x		=	\$0.00
Arsenic Water		x		=	\$0.00
Barium TCLP Soil		x		=	\$0.00
Barium Total Soil		x		=	\$0.00
Barium Water		x		=	\$0.00
Cadmium TCLP Soil		x		=	\$0.00
Cadmium Total Soil		x		=	\$0.00
Cadmium Water		x		=	\$0.00
Chromium TCLP Soil		x		=	\$0.00
Chromium Total Soil		x		=	\$0.00
Chromium Water		x		=	\$0.00
Cyanide TCLP Soil		x		=	\$0.00
Cyanide Total Soil		x		=	\$0.00
Cyanide Water		x		=	\$0.00
Iron TCLP Soil		x		=	\$0.00
Iron Total Soil		x		=	\$0.00
Iron Water		x		=	\$0.00
Lead TCLP Soil		x		=	\$0.00
Lead Total Soil		x		=	\$0.00
Lead Water		x		=	\$0.00
Mercury TCLP Soil		x		=	\$0.00
Mercury Total Soil		x		=	\$0.00
Mercury Water		x		=	\$0.00
Selenium TCLP Soil		x		=	\$0.00
Selenium Total Soil		x		=	\$0.00
Selenium Water		x		=	\$0.00
Silver TCLP Soil		x		=	\$0.00
Silver Total Soil		x		=	\$0.00
Silver Water		x		=	\$0.00
Metals TCLP Soil (a combination of all metals) RCRA		x		=	\$0.00
Metals Total Soil (a combination of all metals) RCRA		x		=	\$0.00
Metals Water (a combination of all metals) RCRA		x		=	\$0.00
		x		=	
		x		=	
		x		=	
		x		=	
Other					
Encore™ Sampler, purge-and-trap sampler, or equivalent sampling device)		x		=	\$0.00
Sample Shipping per sampling event ¹		x		=	\$0.00

¹ A sampling event, at a minimum, is all samples (soil and groundwater) collected in a calendar day.

Total Analysis Costs: \$5,201.64



2790 Whitten Road, Memphis, TN 38133
 Main 901.213.2400 ° Fax 901.213.2440
 www.waypointanalytical.com

Bill To:
 Perry Environmental Inc
 Mr. Mike Keebler
 900 South Spring Street
 Springfield, IL 62704

Page : 1 of 1
 Invoice Number : 1227148
 Customer Number : 28638
 Invoice Date : 09/26/2023
 PO Number :

Invoice

Report No	Project Information	Qty	Description	Unit Cost	Total Cost
23-249-0004	IL Ayers Oil Company Springfield IL Project # 22-1021	5	8260B 5035 BTEX/MTBE (2)(m,p,o reported)	\$89.99	\$449.95
	IL Ayers Oil Company Springfield IL Project # 22-1021	5	Dry Weight Moisture (with Moisture and TS reported)	\$0.00	\$0.00
	IL Ayers Oil Company Springfield IL Project # 22-1021	5	SW Method 8270 PAHs SIM (LIMS)	\$160.93	\$804.65
Sub Total					\$1,254.60
Discounts					\$0.00
Tax Total					\$0.00
Total Amount Due					\$1,254.60

Please include invoice number on your check.

This invoice becomes overdue **12/25/2023**

Interest will be charged on over due balances at the maximum rate allowable by law. Payable by the county of issued.



2790 Whitten Road, Memphis, TN 38133
Main 901.213.2400 ° Fax 901.213.2440
www.waypointanalytical.com

Bill To:
Perry Environmental Inc
Mr. Mike Keebler
900 South Spring Street
Springfield, IL 62704

Page : 1 of 1
Invoice Number : 1229102
Customer Number : 28638
Invoice Date : 10/20/2023
PO Number :

Invoice

Report No	Project Information	Qty	Description	Unit Cost	Total Cost
23-270-0023	Illinois Ayers Oil Company (Beeline Properties, LLC) Springfield, IL Project #22-1021	16	8260B 5030A/B BTEX/MTBE (m,p,o reported)	\$89.99	\$1,439.84
	Illinois Ayers Oil Company (Beeline Properties, LLC) Springfield, IL Project #22-1021	16	SW Method 8270 PAHs SIM LVI	\$160.93	\$2,574.88
				Sub Total	\$4,014.72
				Discounts	\$0.00
				Tax Total	\$0.00
				Total Amount Due	\$4,014.72

Please include invoice number on your check.

This invoice becomes overdue **01/18/2024**

Interest will be charged on over due balances at the maximum rate allowable by law. Payable by the county of issued.

Electronic Filing: Received, Clerk's Office 09/18/2024

Consulting Personnel Costs Form

Employee Name	Personnel Title	Hours	Rate* (\$)	Total Cost
Remediation Category	Task			
Michael Keebler	Senior Project Manager	4.50	\$105.87	\$476.42
CAP	Access Agreement Correspondence and Procurement			
Michael Keebler	Senior Draftperson/CAD	4.50	\$63.52	\$285.84
CAP	Prepare Maps and Figures			
Michael Keebler	Senior Project Manager	3.00	\$105.87	\$317.61
CAP	Organization of Field Activities			
Josh Fortado	Senior Project Manager	8.00	\$105.87	\$846.96
CAP	Organization of and Scheduling of Field Activities			
Dan Lacey	Geologist III	19.50	\$93.17	\$1,816.82
CAP	Logging Soil Borings, Field Screening, & Sample Collection			
Dan Lacey	Scientist II	1.00	\$68.82	\$68.82
CAP	Prepare COC and Labcertifications (Soil)			
Josh Fortado	Senior Technician	0.25	\$68.82	\$17.21
CAP	Sample Packaging and Shipment to Lab (Soil)			
Loren Curtis	Senior Technician	7.00	\$68.82	\$481.74
CAP	Survey & Develop New Monitoring Wells			
Hayden Eckhoff	Technician II	8.00	\$52.94	\$423.52
CAP	Gauge Monitoring Wells			
Loren Curtis	Senior Technician	1.00	\$68.82	\$68.82
CAP	Gauge Monitoring Wells			
Loren Curtis	Senior Technician	2.00	\$68.82	\$137.64
CAP	Purge and Sample Monitoring Wells			
Hayden Eckhoff	Technician II	8.00	\$52.94	\$423.52
CAP	Purge and Sample Monitoring Wells			

*Refer to the applicable Maximum Payment Amounts document.

Consulting Personnel Costs Form

Employee Name	Personnel Title*	Hours	Rate* (\$)	Total Cost
Remediation Category	Task			
Dan Lacey	Scientist II	0.50	\$68.82	\$34.41
CAP	Prepare COC and Labcertifications (GW)			
Josh Fortado	Senior Technician	0.25	\$68.82	\$17.21
CAP	Sample Packaging and Shipment to Lab (GW)			
Dan Lacey	Geologist III	4.00	\$93.17	\$372.68
CAP	Prepare Boring Logs and Monitoring Well Completion Reports			
Josh Fortado	Scientist II	10.25	\$68.82	\$705.41
CAP	Analytical data review			
Dan Lacey	Scientist II	3.25	\$68.82	\$223.67
CAP	Analytical data review			
Loren Curtis	Senior Technician	2.00	\$68.82	\$137.64
CAP	Revisions to Tier 1 extent & tables			
Josh Fortado	Scientist II	2.75	\$68.82	\$189.26
CAP	Revisions to Tier 1 extent & tables			
Josh Fortado	Scientist II	6.50	\$68.82	\$447.33
CAP	T-2 Evaluation/Preparation			
Dan Lacey	Scientist II	1.75	\$68.82	\$120.44
CAP	Evaluation of Water Level Elevations			
Josh Fortado	Scientist II	6.25	\$68.82	\$430.13
CAP	Evaluation of Water Level Elevations (Gradient)			
Josh Fortado	Senior Account Technician	17.50	\$58.23	\$1,019.03
CAP	CA Reimbursement Request and Preparation			

*Refer to the applicable Maximum Payment Amounts document.

Consulting Personnel Costs Form

Employee Name	Personnel Title	Hours	Rate* (\$)	Total Cost
Remediation Category	Task			
Josh Fortado	Senior Administrative Assistant	2.00	\$47.64	\$95.28
CAP	CA Reimbursement Request Administration & Distribution			
Michael Keebler	Senior Professional Engineer	2.00	\$137.64	\$275.28
CAP	CA Reimbursement Request Review & P.E. Certification			

*Refer to the applicable Maximum Payment Amounts document.

Consulting Personnel Costs Form

Employee Name	Personnel Title*	Hours	Rate* (\$)	Total Cost
Remediation Category	Task			

*Refer to the applicable Maximum Payment Amounts document.

Total Consulting Personnel Time Costs:	\$9,432.65
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Personnel Time Sheet - Corrective Action Activities
Electronic Filing: Received, Clerk's Office 09/18/2024

Company: Perry Environmental, Inc.

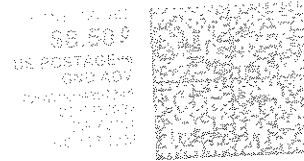
Job Name: Illinois Ayers Oil Company

Incident Number: 991372

Employee	Personnel Title	Description	Date	Time In	Time Out	Total Hours
Corrective Action Activities						
Keebler	Sr. Proj. Manager	Organization of Field Activities	1/25/23	11:00	12:00	1.00
Keebler	Sr. Proj. Manager	Organization of Field Activities		13:00	15:00	2.00
Keebler	Sr. Draft./CAD	Prepare Maps and Figures		15:00	17:00	2.00
Curtis	Sr. Technician	Revisions to Tier 1 extent & tables	1/25/23	11:00	13:00	2.00
Keebler	Sr. Proj. Manager	Access Agreement Correspondence/Procurement	1/26/23	7:00	9:30	2.50
Keebler	Sr. Draft./CAD	Prepare Maps and Figures		9:30	12:00	2.50
Keebler	Sr. Proj. Manager	Access Agreement Correspondence/Procurement	1/27/23	7:00	9:00	2.00
Fortado	Sr. Proj. Manager	Project & Field Activity Management/Coordination	7/24/23	6:45	7:30	0.75
Fortado	Sr. Proj. Manager	Project & Field Activity Management/Coordination		8:15	9:00	0.75
Fortado	Sr. Proj. Manager	Project & Field Activity Management/Coordination		9:15	10:15	1.00
Fortado	Sr. Proj. Manager	Project & Field Activity Management/Coordination		11:15	13:30	2.25
Fortado	Sr. Proj. Manager	Project & Field Activity Management/Coordination	8/30/23	7:30	8:00	0.50
Lacey	Geologist III	Logging Soil Borings, Field Screening, & Sample Collection	8/30/23	8:30	17:30	9.00
Lacey	Geologist III	Logging Soil Borings, Field Screening, & Sample Collection	8/31/23	7:00	17:30	10.00
Lacey	Scientist II	Prepare COC and Labcertifications (Soil)	9/1/23	8:00	9:00	1.00
Lacey	Geologist III	Prepare Boring Logs		9:00	11:30	2.50
Fortado	Sr. Technician	Soil Sample Shipment Preparation	9/5/23	10:00	10:30	0.25
Fortado	Sr. Proj. Manager	Project & Field Activity Management/Coordination	9/19/23	10:30	11:15	0.75
Fortado	Sr. Proj. Manager	Project & Field Activity Management/Coordination	9/20/23	6:45	7:30	0.75
Curtis	Sr. Technician	Survey & Develop New Monitoring Wells	9/20/23	7:00	14:00	1.00
Curtis	Sr. Technician	Gauge Monitoring Wells		14:00	15:00	1.00
Eckhoff	Technician II	Gauge Monitoring Wells	9/20/23	7:00	15:00	8.00
Fortado	Sr. Proj. Manager	Project & Field Activity Management/Coordination	9/21/23	6:30	7:15	0.75
Eckhoff	Technician II	Purge and Sample Monitoring Wells	9/22/23	7:00	15:00	8.00
Curtis	Sr. Technician	Purge and Sample Monitoring Wells	9/22/23	9:00	11:00	2.00
Lacey	Scientist II	Prepare COC and Labcertifications (GW)	9/25/23	8:00	8:30	0.50
Fortado	Sr. Technician	Groundwater Sample Shipment Preparation	9/26/23	10:00	10:15	0.25
Fortado	Sr. Acct. Technician	CA Reimbursement Request and Preparation	10/4/23	7:45	8:00	0.25
Lacey	Scientist II	Analytical data review	10/5/23	10:00	11:30	1.50
Fortado	Scientist II	Analytical data review	10/27/23	10:15	13:45	3.50
Fortado	Scientist II	Analytical data review		14:45	15:15	0.50
Fortado	Scientist II	Analytical data review	10/30/23	6:45	8:15	1.50
Fortado	Scientist II	Analytical data review		8:45	10:15	1.50
Fortado	Scientist II	Analytical data review		10:30	13:45	3.25
Fortado	Scientist II	CA Reimbursement Request and Preparation		13:45	14:00	0.25
Fortado	Scientist II	T-2 Evaluation/Preparation		14:00	15:15	1.25
Fortado	Scientist II	T-2 Evaluation/Preparation	10/31/23	7:00	9:45	2.75
Fortado	Scientist II	T-2 Evaluation/Preparation		10:00	10:30	0.50
Fortado	Scientist II	T-2 Evaluation/Preparation		10:45	12:45	2.00
Fortado	Sr. Acct. Technician	CA Reimbursement Request and Preparation		12:45	14:30	1.75
Lacey	Scientist II	Analytical data review	11/1/23	8:45	10:30	1.75
Fortado	Sr. Acct. Technician	CA Reimbursement Request and Preparation	11/1/23	7:15	9:15	2.00
Fortado	Sr. Acct. Technician	CA Reimbursement Request and Preparation		9:30	10:00	0.50
Fortado	Scientist II	Revisions to Tier 1 extent & tables		10:30	13:15	2.75
Fortado	Sr. Acct. Technician	CA Reimbursement Request and Preparation		14:00	15:15	1.25
Fortado	Sr. Acct. Technician	CA Reimbursement Request and Preparation	11/2/23	6:45	8:45	2.00
Fortado	Sr. Acct. Technician	CA Reimbursement Request and Preparation		9:30	15:15	5.75
Fortado	Sr. Acct. Technician	CA Reimbursement Request and Preparation	11/3/23	10:45	13:30	2.75
Fortado	Sr. Acct. Technician	CA Reimbursement Request and Preparation		14:15	15:00	0.75

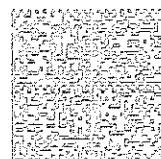
Electronic Filing: Received, Clerk's Office 09/18/2024
 Consultant's Materials Costs Form

Materials, Equipment, or Field Purchase	Time or Amount Used	Rate (\$)	Units	Total Cost
Remediation Category	Description/Justification			
Postage	2	\$8.50	Each	\$17.00
Billing Package	Postage for mailing Status Report & Billing Package to EPA			
Photoionization Detector	2	\$75.00	Day	\$150.00
CAP - Field	Soil Screening during Soil Boring & Monitoring Well Advancement			
Groundwater Level Indicator	2	\$25.00	Day	\$50.00
CAP - Field	Measuring depth to GW during Soil Boring & Monitoring Well Advancement			
Survey Equipment	1	\$50.00	Days	\$50.00
CAP - Field	Surveying Monitoring Wells			
Bailers	17	\$6.70	Each	\$113.90
CAP - Field	Monitoring Well Development and Groundwater Sampling			
Total of Consultant Materials Costs		\$380.90		



Benjamin Cope
Leaking Underground Storage Tank Section
Illinois Environmental Protection Agency
1021 North Grand Avenue East
Springfield, Illinois 62702

PITNEY BOWES
\$2.70
US POSTAGE
FIRST-CLASS
926W10004837489
2000162982
ZIP 62704
DEC 09 2023



Illinois Environmental Protection Agency
Bureau of Land - #24
LUST Claims Unit
1021 North Grand Avenue East
P.O. Box 19276
Springfield, Illinois 62794-9276

CURRENCIES:

USD v



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- > Featured Products
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- > Calibration Gas
- > Rental Equipment
 - > Air Quality
 - > Gas Detectors
 - > Landfill Gas Analyzers
 - > Photoionization Detectors
- > Soil Kits
- > Survey & Measurement

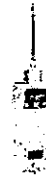
Home → Shop → Rental Equipment → Gas Detectors → Photoionization Detectors → **MiniRae 2000 Rental**

MINIRAE 2000 RENTAL

Price: \$75.00

MiniRae 2000 Rental (10.6 lamp 0-10,000ppm)

The MiniRAE 2000 is the world's most popular hand-held photoionization detector (PID) for volatile organic compound (VOC) measurement



Click Below for Product Media:

[MiniRae 2000 manual](#)

[MiniRae 2000 Spec Sheet](#)

Rental * Required Fields

Daily (\$75.00)	▼
-----------------	---

QTY: 1



**Eco-Rental
Solutions**

Eco-Rental Solutions
2372 Schuetz Road
SAINT LOUIS, MO 63146
Phone No.: 855-311-1167
Fax No.: 585-625-2366
Home Page: eco-rentalsolutions.com
E-Mail: info@eco-rentalsolutions.com

QUOTE

Quote Number: RO23865
Document Date: 03/25/16
Page: 1

Sell
To: Perry Environmental, Inc.
Dan Lacey
960 Clocktower Drive
Suite I
SPRINGFIELD, IL 62704

Ship
To: Perry Environmental, Inc.
Dan Lacey
960 Clocktower Drive
Suite I
SPRINGFIELD, IL 62704

Customer ID
Ship Via Ground
Terms 2% 10 Days Net 30 Days

Exp. Date 04/24/16
Salesperson Damien Flaherty

Items Rented

Item / Description	Quantity	Rental Term	From / Thru	Unit Price
0400.02.02 Heron dipper-T, 100 ft	1 Each	Indef.	04/25/16	145.00 per Month
	Rental Rates:	145.00 per Month	60.00 per Week	25.00 per Day
Water Level Meter				

Includes: Soft Case, Spare battery, Manual.

Items Sold

Item / Description	Quantity	Sale Date	Unit Price
30-DELIVERY Ground Shipping Estimate	1 Each	04/21/16	20.00

One month is defined as 28 days.

Field Environmental Instruments, Inc.

CALL YOUR LOCAL FEI

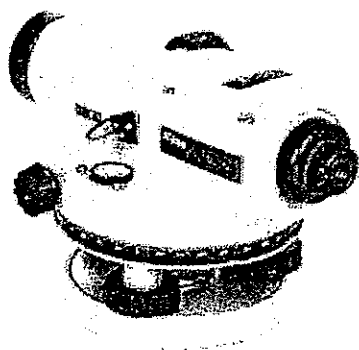
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BY MANUFACTURER

Nikon Auto Telescopic Level 360

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ADD TO CART

Daily



CONTACT AN FEI
LOCATION NEAR YOU

Item	Weekly	Monthly	Daily	Weekly	Monthly
Nikon Auto Telescopic Level 360			\$50	\$85	\$255

~~ONLINE ORDERING PROCEDURES~~

Checkout

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Your order has been received and is being reviewed. Thank you for your business.

Order number:

4691

Date:

December 29, 2022

Total:

\$642.92

Payment method:

Credit Card

Order details

<u>SinkFast® Disposable Groundwater Bailer, 1.6" x 36", Case of 24</u>	\$495.92
<u>(SF16x36SCW) × 4</u>	
Subtotal:	\$495.92
Shipping:	\$147.00 via Ground (UPS, Estimated)
Payment method:	Credit Card
Total:	\$642.92

Perry Environmental, Inc.

900 S. Spring St.
Springfield, IL 62704

Phone # (217) 523-5446

Invoice

Date	Invoice #
11/9/2023	2951

Bill To Client

Beeline Properties, LLC
2204 Sallenbeger Way
Flower Mound, TX 75028

Project Name
Illinois Ayers Oil Co.

Project Number
22-1021

Quantity	Description	Rate	Amount
	Environmental Services Performed for Illinois Ayers Oil Company located at 430 Stanford Avenue in Springfield, Illinois.		
4.5	Senior Project Manager - Access agreement procurement	105.87	476.42
4.5	Senior Draftperson/CAD - Map preparation	63.52	285.84
11	Senior Project Manager - Organizing and scheduling field activities	105.87	1,164.57
19.5	Geologist III - Boring advancement activities	93.17	1,816.82
1	Scientist II - Prepare COC and lab cert (soil)	68.82	68.82
0.25	Senior Technician - Sample package and shipment to lab (soil)	68.82	17.21
7	Senior Technician - Survey and develop MWs	68.82	481.74
8	Technician II - Gauge MWs	52.94	423.52
1	Senior Technician - Gauge MWs	68.80	68.80
2	Senior Technician - Purge and sample MWs	68.82	137.64
8	Technician II - Purge and sample MWs	52.94	423.52
0.5	Scientist II - Prepare COC and lab cert (GW)	68.82	34.41
0.25	Senior Technician - Sample package and shipment to lab (GW)	68.82	17.21
4	Geologist III - Prepare boring logs and MW completion reports	93.17	372.68
13.5	Scientist II - Analytical data review	68.82	929.07
2	Senior Technician - Revisions to Tier 1 tables	68.82	137.64
2.75	Scientist II - Revisions to Tier 1 tables	68.82	189.26
6.5	Scientist II - T-2 evaluation/preparation	68.82	447.33
8	Scientist II - Evaluation of water levels elevations	68.82	550.56
17.5	Senior Account Technician - CA reimbursement request preparation	58.23	1,019.03
2	Senior Administrative Assistant - CA reimbursement request administration and distribution	47.64	95.28
2	Senior Professional Engineer - CA reimbursement review and certification	137.64	275.28
2	Postage	8.50	17.00
2	Photoionization Detector	75.00	150.00
2	Groundwater Level Indicator	25.00	50.00
1	Survey Equipment	50.00	50.00
17	Bailers	6.70	113.90
	Drilling Services (Earth Solutions, Inc.)	2,661.68	2,661.68
	Laboratory Services (Waypoint Analytical)	5,201.64	5,201.64

Thank you for using PEI for all your environmental services.

Total	\$17,676.87
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PMW-26



Illinois Environmental Protection Agency

LUST Well Completion Report

Incident No.: 991372 Well No.: PMW-26
 Site Name: Beeline Properties, LLC Date Drilled Start: 8/30/2023 Time: 12:15 PM
 Drilling Contractor: Earth Solutions, Inc. Date Completed: 8/30/2023 Time: 12:35 PM
 Driller: Jorge/Mike Geologist: Dan Lacey
 Drilling Method: Hollow Stem Auger Drilling Fluids (type): N/A

Annular Space Details

Type of Surface Seal: Cement
 Type of Annular Sealant: Bentonite
 Type of Bentonite Seal (Granular, Pellet) Pellet
 Type of Sand Pack: #5 Quartz Filter Sand

Elevations - .01 ft.

603.50 Top of Protective Casing
603.05 Top of Riser Pipe
603.50 Ground Surface
602.55 Top of Annular Sealant
0.45 Casing Stickup

Well Construction Materials

	Stainless Steel	PVC	Other
	Specify Type	Specify Type	Specify Type
Riser coupling joint		Threaded	
Riser pipe above w.t.		2"Schedule 40	
Riser pipe below w.t.		2"Schedule 40	
Screen		0.010" Slot	
Coupling joint screen to riser		Threaded	
Protective casing			Cast Iron

603.00 Top of Seal
0.50 Total Seal Interval
598.05 Top of Sand

Measurements to .01 ft (where applicable)

Riser pipe length	5.00
Screen length	10.00
Screen slot size	0.010" Slot
Protective casing length	0.50
Depth to water	7.21
Elevation of water	595.84
Free product thickness	NA
Gallons removed (develop)	NA
Gallons removed (purge)	NA
Other	N/A

598.05 Top of Screen
10.00 Total Screen Interval
588.05 Bottom of Screen
588.05 Bottom of Borehole



Completed by: Dan Lacey

The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information Failure to do so may result in a civil penalty up to \$25,000.00 for each day failure continues, a fine up to \$50,000 and imprisonment up to five years. This form has been approved by the Forms Management Center.

For Groundwater Monitoring Wells installed due to a release of petroleum subject to 35 Ill. Adm. Code Section 731, Subpart F.

IL 532 2274
 LPC 500 Rev. Sep-97

PMW-24



Illinois Environmental Protection Agency

LUST Well Completion Report

Incident No.: 991372 Well No.: PMW-24
 Site Name: Beeline Properties, LLC Date Drilled Start: 8/30/2023 Time: 11:25 AM
 Drilling Contractor: Earth Solutions, Inc. Date Completed: 8/30/2023 Time: 11:45 AM
 Driller: Jorge/Mike Geologist: Dan Lacey
 Drilling Method: Hollow Stem Auger Drilling Fluids (type): N/A

Annular Space Details

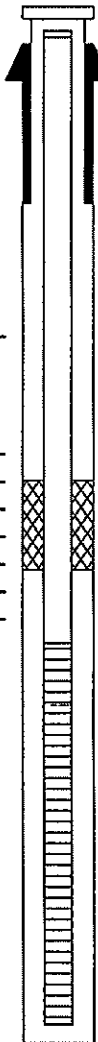
Type of Surface Seal: Cement
 Type of Annular Sealant: Bentonite
 Type of Bentonite Seal (Granular, Pellet): Pellet
 Type of Sand Pack: #5 Quartz Filter Sand

Elevations - .01 ft.

602.17 Top of Protective Casing
601.80 Top of Riser Pipe
602.17 Ground Surface
601.30 Top of Annular Sealant
0.37 Casing Stickup

Well Construction Materials

	Stainless Steel	PVC	Other
	Specify Type	Specify Type	Specify Type
Riser coupling joint		Threaded	
Riser pipe above w.t.		2"Schedule 40	
Riser pipe below w.t.		2"Schedule 40	
Screen		0.010" Slot	
Coupling joint screen to riser		Threaded	
Protective casing			Cast Iron



601.67 Top of Seat
0.50 Total Seal Interval
596.80 Top of Sand
596.80 Top of Screen
10.00 Total Screen Interval
586.80 Bottom of Screen
586.80 Bottom of Borehole

Measurements to .01 ft (where applicable)

Riser pipe length	5.00
Screen length	10.00
Screen slot size	0.010" Slot
Protective casing length	0.50
Depth to water	7.41
Elevation of water	594.39
Free product thickness	NA
Gallons removed (develop)	NA
Gallons removed (purge)	NA
Other	N/A


Completed by: Dan Lacey

The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information Failure to do so may result in a civil penalty up to \$25,000.00 for each day failure continues, a fine up to \$50,000 and imprisonment up to five years. This form has been approved by the Forms Management Center.


For Groundwater Monitoring Wells installed due to a release of petroleum subject to 35 Ill. Adm. Code Section 731, Subpart F.

IL 532 2274
 LPC 500 Rev. Sep-97

The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000.00 for each day failure continues, a fine up to \$50,000.00 and imprisonment up to five years. This form has been approved by the Forms Management Center.


LUST Incident No: 991372		Boring Number: PMW-26		Page 1 of 1							
Site Name: Illinois Ayers Oil Co.		Boring Location: See Map		Date: 8/30/2023							
Address: 430 Stanford Avenue Springfield, Illinois				Start 12:15 PM Finish 12:35 PM							
Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Qu Hand Penetrometer	OVA/PID/FID/OVM	Remarks		
1	FIVE FOOT MACROCORE	50%		1	Concrete						
			SM	2	Concrete Debris/Gravel	D					
			SM	3	Brown Sand	D		0			
		2	100%	N/A	ML-CL	4	Grey/Blue Silty Clay	M		2.4	Sample Taken
					ML-CL	5		M			
					ML-CL	6		M			
					ML-CL	7		M			
					ML-CL	8		M			
					ML-CL	9		M			
				N/A	ML-CL	10	Grey/Blue Silty Clay	W		6.1	
					ML-CL	11		W			
					ML-CL	12		W			
					ML-CL	13		W			
					ML-CL	14		W			
					ML-CL	15		W			
3				16	EOB @ 15' via Hollow Stem Auger 2" Monitoring Well Installed to 15'						
				17							
				18							
				19							
				20							
				21							
				22							
4				23							
				24							
				25							
				26							
				27							
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.											
Groundwater Date		Auger Depth <u>N/A</u> Rig <u>Geo Probe</u>		 Illinois Environmental Protection Agency							
▼ Depth While Drilling <u>9'</u>		Rotary Depth <u>N/A</u> Geologist: <u>Dan Lacey</u>									
▽ Depth After Drilling <u>N/A</u>		Driller/Co: <u>Jorge/Mike/Earth Solutions, Inc.</u>									
Note: MW drilled 8/31/23 from 11:15 AM to 12:30PM											

The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information is required. Failure to do so may result in a civil penalty up to \$25,000.00 for each day failure continues, a fine up to \$50,000.00 and imprisonment up to five years. This form has been approved by the Forms Management Center.


LUST Incident No: 991372		Boring Number: PMW-24		Page 1 of 1					
Site Name: Illinois Ayers Oil Co.		Boring Location: See Map		Date: 8/30/2023					
Address: 430 Stanford Avenue Springfield, Illinois				Start 11:25 AM Finish 11:45 AM					
Sample Number	Sample Device	Sample Recovery	Lithology Symbol	Depth (feet)	Detailed Soil and Rock Description	Natural Moisture Content %	Qu Hand Penetrometer	OVA/PID/FID/OVM	Remarks
1	FIVE FOOT MACROCORE	90%	ML-CL	1	Concrete				
			ML-CL	2	Concrete Debris/Gravel	D			
			ML-CL	3	Black Silty Clay	D	16.4		
			ML-CL	4	Grey/Green Silty Clay	D			
			ML-CL	5	Petroleum Odor	M	24.1		
		80%	ML-CL	6	Grey/Green Silty Clay	M			
			ML-CL	7	Petroleum Odor	M	208	Sample Taken	
			ML-CL	8	Grey/Black Silty Clay	M	136		
			ML-CL	9	Petroleum Odor	W			
			ML-CL	10	Grey/Brown Silty Clay	W	114		
		N/A	ML-CL	11	Petroleum Odor	W			
			ML-CL	12	Grey/Brown Silty Clay	W	12.1		
			ML-CL	13		W			
			ML-CL	14		W			
			ML-CL	15	Grey/Brown Silty Clay	W	4.1		
4				16	EOB @ 15' via Hollow Stem Auger 2" Monitoring Well Installed to 15'				
				17					
				18					
				19					
				20					
				21					
				22					
				23					
				24					
				25					
				26					
				27					
Note: Stratification lines are approximate; in-situ transition between soil types may be gradual.									
Groundwater Date		Auger Depth <u>N/A</u> Rig <u>Geo Probe</u>		 Illinois Environmental Protection Agency					
▼ Depth While Drilling <u>9'</u>		Rotary Depth <u>N/A</u> Geologist: <u>Dan Lacey</u>							
▽ Depth After Drilling <u>N/A</u>		Driller/Co: <u>Jorge/Mike/Earth Solutions, Inc.</u>							
Note: MW drilled 8/31/23 from 8:15 AM to 9:30 AM									

Electronic Filing: Received, Clerk's Office 09/18/2024

Electronic Filing: Received, Clerk's Office 09/18/2024

Client Name/Address Perry Environmental, Inc. 900 South Spring Street, Springfield, IL 62704		Client Project Manager/Contact Josh Fortado		Billing Information 900 South Spring Street, Springfield, IL 62704		For Laboratory Use Only								
Project Description Illinois Ayers Oil Company (Beeline Properties, LLC)		Project/Site Location (City/State) Springfield, Illinois		<input type="checkbox"/> RUSH - Additional charges apply <input type="checkbox"/> Special Detection Limit(s) Date Results Needed		Method of Shipment <input type="checkbox"/> Fed Ex <input type="checkbox"/> UPS <input type="checkbox"/> USPS <input checked="" type="checkbox"/> Courier <input type="checkbox"/> Client Drop Off Other			Matrix Key WW - Wastewater GW - Groundwater DW - Drinking Water S - Soil/Solid O - Oil P - Product M - Misc					
Project Number 22-1021		Project Manager Phone # (217) 523-5446		Project Manager Email jfortado@perryenvironmental.net		Purchase Order Number			Site/Facility ID #					
 2791 Whitten Road Memphis, TN 38133 (901) 213-2400		Unless noted, all containers per Table II of 40 CFR Part 136.		Number of Containers	Matrix (Refer to Key)	(Grab or Composite)	BTEX/MTBE	PNA					A Cool < 10C Na2S2O3 (Micro Only) B Cool <= 6C C H2SO4 pH<2 D None Required E NaOH pH>10 F HNO3 pH<2 G HCL pH<2 H H3PO4 pH<2 I Cool <= 6C NA2S2O3	
Date	Time	Sample Identification			Required Analysis / Preservative							Comments/Notes		
09/21/23	1:00 PM	MW-12			4	GW	G	✓	✓					
09/22/23	8:00 AM	MW-14			4	GW	G	✓	✓					
09/22/23	8:30 AM	MW-11			4	GW	G	✓	✓					
09/22/23	9:00 AM	PMW-25			4	GW	G	✓	✓					
09/22/23	9:30 AM	PMW-26			4	GW	G	✓	✓					
09/22/23	10:00 AM	MW-20			4	GW	G	✓	✓					
09/23/23	10:30 AM	MW-21			4	GW	G	✓	✓					
09/22/23	11:30 AM	PMW-24			4	GW	G	✓	✓					
09/22/23	12:00 PM	PMW-27			4	GW	G	✓	✓					
09/22/23	12:30 PM	MW-15			4	GW	G	✓	✓					
For Laboratory Use Only					Sampled by (Name - Print) Griffin Keebler/Hayden Eckhoff			Client F						
Ice Y/N	Custody Seals Y/N	Lab Comments			Relinquished by: (SIGNATURE)			Date Time 9/26/23 10:10	Received by: (SIGNATURE)		Date Time 9/26/23 10:10			
Blank/Cooler Temp 1-1					Relinquished by: (SIGNATURE)			Date Time 9/26/23 08:00	Received by: (SIGNATURE)		Date Time			
					Relinquished by: (SIGNATURE)			Date Time	Received by: (SIGNATURE)		Date Time 9/26/23 9:35			

Custody Seals
received on:
Cooler(s)/Container(s)


 23-270-0023
 28538
 Perry Environmental Inc
 Illinois Ayers Oil Company (Beeline Properties, LLC)
 09-27-2023
 10 51 33

1 of 2

000693

PMW-27



Illinois Environmental Protection Agency

LUST Well Completion Report

Incident No.: 991372 Well No.: PMW-27
 Site Name: Beeline Properties, LLC Date Drilled Start: 8/30/2023 Time: 12:45 PM
 Drilling Contractor: Earth Solutions, Inc. Date Completed: 8/30/2023 Time: 2:15 PM
 Driller: Jorge/Mike Geologist: Dan Lacey
 Drilling Method: Hollow Stem Auger Drilling Fluids (type): N/A

Annular Space Details

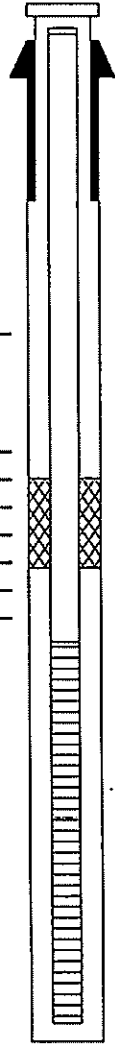
Type of Surface Seal: Cement
 Type of Annular Sealant: Bentonite
 Type of Bentonite Seal (Granular, Pellet) Pellet
 Type of Sand Pack: #5 Quartz Filter Sand

Elevations - .01 ft.

604.53 Top of Protective Casing
604.17 Top of Riser Pipe
604.53 Ground Surface
603.67 Top of Annular Sealant
0.36 Casing Stickup

Well Construction Materials

	Stainless Steel Specify Type	PVC Specify Type	Other Specify Type
Riser coupling joint		Threaded	
Riser pipe above w.t.		2" Schedule 40	
Riser pipe below w.t.		2" Schedule 40	
Screen		0.010" Slot	
Coupling joint screen to riser		Threaded	
Protective casing			Cast Iron



604.03 Top of Seal
0.50 Total Seal Interval
599.17 Top of Sand
599.17 Top of Screen
10.00 Total Screen Interval
589.17 Bottom of Screen
589.17 Bottom of Borehole

Measurements to .01 ft (where applicable)

Riser pipe length	5.00
Screen length	10.00
Screen slot size	0.010" Slot
Protective casing length	0.50
Depth to water	5.09
Elevation of water	599.08
Free product thickness	NA
Gallons removed (develop)	NA
Gallons removed (purge)	NA
Other	N/A

Completed by: Dan Lacey

The Agency is authorized to require this information under 415 ILCS 5/4 and 21. Disclosure of this information Failure to do so may result in a civil penalty up to \$25,000.00 for each day failure continues, a fine up to \$50,000 and imprisonment up to five years. This form has been approved by the Forms Management Center.

For Groundwater Monitoring Wells installed due to a release of petroleum subject to 35 Ill. Adm. Code Section 731, Subpart F.

IL 532 2274
 LPC 500 Rev. Sep-97

Owner/Operator and Licensed Professional Engineer/Geologist Billing Certification Form

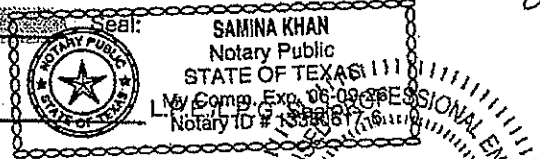
Under penalty of perjury as defined in Section 32-2 of the Criminal Code of 1961 [720 ILCS 5/32-2], I certify to the following:

- The bills in the attached application for reimbursement are for performing corrective action activities associated with Incident # 991372 reported for the Leaking Underground Storage Tank site located at Address: 430 Stanford Avenue City: Springfield, State: Illinois Zip: 62703
The bills are for the billing period 25-Jan, 2023 through 7-Dec, 2023 and were incurred in conformance with the Environmental Protection Act and 35 Ill. Adm. Code 731, 732, or 734.
The attached application for reimbursement and all documents submitted with it were prepared under the supervision of the licensed professional engineer or licensed professional geologist and the owner and/or operator whose signatures are set forth below and in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information provided.
The costs for remediating the above-listed incident are correct, are reasonable, and were determined in accordance with Subpart H: Maximum Payment Amounts, Appendix D Sample Handling and Analysis amounts, and Appendix E Personnel Titles and Rates of 35 Ill. Adm. Code 732 or 734.
I am aware there are significant penalties for submitting false statements or representations to the Illinois EPA, including but not limited to fines, imprisonment, or both as provided in Section 44 of the Environmental Protection Act [415 ILCS 5/44] and Section 32-2 of the Criminal Code of 1961 [720 ILCS 5/32-2].

Owner/Operator Name: Beeline Properties, LLC
Authorized Representative*: Gouri R. Joshi
Address: 2204 Sullenberger Way Phone: (561) 319-6356
City: Flower Mound State: Texas Zip: 75028

Signature: [Signature] Date: 12/10/2023

(Notary Public)



L.P.E./L.P.G. Name: Michael Keebler

L.P.E./L.P.G. Illinois Registration No.: 062-054510

L.P.E./L.P.G. Registration Expiration Date: 11/30/2023

Company Name: Perry Environmental, Inc.

Address: 900 South Spring Street Phone: (217) 223-5440

City: Springfield State: Illinois Zip: 62704

L.P.E./L.P.G. Signature: [Signature] Date: 11-8-23

Subscribed and sworn to before me the 8 day of November, 2023

[Signature] (Notary Public)



*For a corporation, a principal executive officer of at least the level of vice president, or a person authorized by a resolution of the board of directors to sign the applicable document if a copy of the resolution, certified as a true copy by the secretary of the corporation, is submitted with the document.

Payment Certification Form

This certification must be included with every request for payment.

I, Beeline Properties, LLC, the owner or operator of the Leaking UST site for which this claim is being submitted certify that \$17,676.86 is the amount being sought in this claim for reimbursement, \$153,602.33 has already been reimbursed from the Fund for this occurrence and \$0.00 has been sent to the Illinois EPA for reimbursement for this occurrence but has not yet been reimbursed. I further certify that the number of petroleum USTs in Illinois presently owned or operated by the owner or operator, any subsidiary, parent or joint stock company of the owner or operator, and any company owned by any parent, subsidiary or joint stock company of the owner or operator is (check one):

Fewer than 101 101 or more

Except for claims associated with Early Action, I certify that a plan for the work included in this billing package was approved by the Illinois EPA on 8/20/2008; except for claims associated with to 35 Ill. Adm. Code 731, certify that a budget for the work included in this claim was approved by the Illinois EPA on 8/20/2008; and certify that the amount sought for payment was expended in conformance with the approved budget and approved plan. I further certify that, if the costs included in this claim for reimbursement are approved for payment, the following limitations will not be exceeded:

- 1. Payment of this claim will not result in the owner or operator receiving reimbursement of corrective action costs or indemnification costs from the Fund for more than \$1,000,000 per occurrence for sites subject to 35 Ill. Adm. Code 731 or 732. (OR) Payment of this claim will not result in the owner or operator receiving reimbursement of corrective action costs or indemnification costs from the Fund for more than \$1,500,000 per occurrence for sites subject to 35 Ill. Adm. Code 734.
2. Payment of this claim will not result in the owner or operator receiving reimbursement of corrective action costs or indemnification costs from the Fund incurred during a calendar year in excess of the following amounts:

For costs incurred in calendar years prior to 2002:

\$1,000,000, if fewer than 101 tanks are owned or operated in Illinois
\$2,000,000, if 101 or more tanks are owned or operated in Illinois.

For costs incurred in calendar years 2002 and later:

\$2,000,000, if fewer than 101 tanks are owned or operated in Illinois
\$3,000,000, if 101 or more tanks are owned or operated in Illinois.

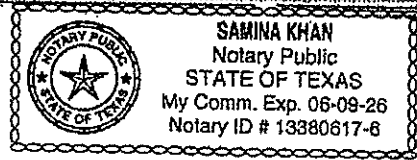
Owner/Operator Name: Beeline Properties, LLC

Authorized Representative*: Gouri R. Joshi Title: Owner

Signature: [Signature] Date: 12/10/2023

Subscribed and sworn to before me the _____ day of _____ (This certification must be notarized when the certification is signed.)

[Signature] Seal: (Notary Public)



*For a corporation, a principal executive officer of at least the level of vice president, or a person authorized by a resolution of the board of directors to sign the applicable document if a copy of the resolution, certified as a true copy by the secretary of the corporation, is submitted with the document.

Private Insurance Affidavit

I, Gouri R. Joshi, a duly authorized representative of

Beeline Properties, LLC
(owner/operator or firm's name)

hereby certify that Beeline Properties, LLC (owner/operator or firm's name) (does, does not) does not have private (choose one)

insurance coverage for all or part of the costs related to claim for payment of Beeline Properties, LLC (owner or firm's name)

investigation or remediation costs for work performed at Illinois Ayers Oil Company located (site name)

at 430 Stanford Avenue in Springfield, Illinois 62703 (address)

I, Gouri R. Joshi (name), Owner (title) of Beeline Properties, LLC (owner/operator or firm's name)

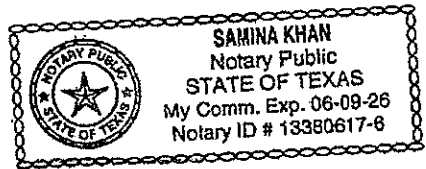
certify that, as of this date, the above information is accurate and complete. Furthermore, I also agree to reimburse the Illinois EPA for any overpayment made by my private insurance company in excess of the deductible amount for each site.

Owner/Operator: Gouri R. Joshi Title: Owner

Signature: [Signature] Date: 12/18/2023

Subscribed and sworn to before me the 18 day of Dec, 2023

[Signature]
(Notary Public) Seal:



The Illinois EPA is authorized to require this information under 415 ILCS 5/1. Disclosure of this information is required. Failure to do so may result in the delay or denial of any budget or payment requested hereunder. This form has been approved by the Forms Management Center.

**Federal Taxpayer Identification Number and Legal Status Disclosure
Certification Requirements**

In order to comply with requirements mandated by Internal Revenue Service rules and regulations, the tank owner or operator must complete the section entitled TAXPAYER IDENTIFICATION NUMBER AND LEGAL STATUS DISCLOSURE CERTIFICATION below.

Enter your taxpayer identification number (TIN) in the appropriate space. For individuals and sole proprietors, this is your social security number. For other entities, it is your employer identification number. Federal Employer Identification Numbers (FEINs) must not be used for sole proprietorships.

If you do not have a TIN, apply for one immediately. To apply, get Form SS-5, Application for Social Security Number Card (for individuals), from your local Social Security Administration, or Form SS-4, Application for Employer Identification Number (for businesses and all other entities), from your local Internal Revenue Service office.

To complete the certification if you do not have a TIN, fill out the certification including that a TIN has been applied for, sign and date the form, and return it to the Illinois EPA. As soon as you receive your TIN, fill out another such form including your TIN, sign and date the form, and send it to the Illinois EPA.

If you fail to furnish your correct TIN to the Illinois EPA, you are subject to an IRS penalty of \$50.00 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

**WILLFULLY FALSIFYING CERTIFICATIONS OR AFFIRMATIONS MAY SUBJECT YOU TO
CRIMINAL PENALTIES INCLUDING FINES AND/OR IMPRISONMENT.**

Please return the completed form to the Illinois EPA, Bureau of Land, Leaking UST Claims Unit, Post Office Box 19276, Springfield, Illinois 62794-9276.

TAXPAYER IDENTIFICATION NUMBER AND LEGAL STATUS DISCLOSURE CERTIFICATION.

Under penalties of perjury, I certify that the FEIN or Social Security Number indicated below is my correct Federal Taxpayer Identification Number. I am doing business as a (please check one):

- | | | |
|---|--|--|
| <input type="checkbox"/> Individual | <input type="checkbox"/> Sole Proprietorship | <input type="checkbox"/> Real Estate Agent |
| <input checked="" type="checkbox"/> Partnership | <input type="checkbox"/> Governmental Entity | <input type="checkbox"/> Not-for-Profit Corporation |
| <input type="checkbox"/> Corporation | <input type="checkbox"/> Tax Exempt Organization | <input type="checkbox"/> Medical & Health Care |
| <input type="checkbox"/> Trust or Estate | <input type="checkbox"/> (IRC 501(a) only) | <input type="checkbox"/> Services Provider Corporation |

85-2925288

Taxpayer Identification Number



Signature

12/15/23

Date

Beeline Properties, LLC

Name of Firm (Please print or type)

Note: Original signature required.

If you have a change of address,
click here to print of a W-9 Form.

This Illinois EPA is authorized to request this information under the Environmental Protection Act, 415 ILCS 5/1 et seq. (formerly Ill. Rev. Stat. Ch 111-1/2, 1001 et. seq.). Disclosure of this information is required. Failure to properly complete this form in its entirety may result in the delay or denial of any payment requested hereunder. This form has been approved by the Forms Management Center.

This form must be completed in full by all owners or operators, or their authorized representatives, that have a claim for payment from the State of Illinois Underground Storage Tank Fund for the labor, materials, overhead, and profit costs related to the investigation and/or remediation of a Leaking UST site.

1. Site Name: Illinois Ayers Oil Company
Address: 430 Stanford Avenue
City: Springfield State: Illinois Zip: 62703

2. Name of insurance company providing coverage for this Leaking UST site: Not Applicable

3. Amount of coverage provided: \$0.00

4. Have you or your firm filed a claim against your insurance company for this Leaking UST site?
Yes No
a. If yes, how much is this claim? _____
b. If no, explain why. No Coverage

5. Have you or your firm received payment for a claim against your insurance company for this Leaking UST site?
Yes No
a. If yes, how much is this claim? _____
Date: _____
b. If no, explain why. No Coverage

6. Are you going to file a claim against your insurance policy?
Yes No
a. If yes, how much is this claim? _____
Date: _____
b. If no, explain why. No Coverage

This Illinois EPA is authorized to request this information under the Environmental Protection Act, 415 ILCS 5/1 et seq. (formerly Ill. Rev. Stat. Ch 111-1/2, 1001 et. Seq.). Disclosure of this information is required. Failure to properly complete this form in its entirety may result in the delay or denial of any payment requested hereunder. This form has been approved by the Forms Management Center.

Electronic Filing: Received, Clerk's Office 09/18/2024
Women and Minority Business Enterprises Form

The Illinois EPA is required to report State and Federal funds paid to Women Business Enterprises (WBE) and Minority Business Enterprises (MBE). Therefore, please provide the required information for all Prime Consultants/Contractors and Subcontractors used to perform the work for this billing:

Name of Leaking UST site: Illinois Ayers Oil Company Incident No.: 991372

The work for this billing was performed from: 1/25/2023 to: 12/7/23

Prime Consultant: Perry Environmental, Inc.

FIRM'S NAME, ADDRESS, AND TELEPHONE NUMBER	IS THIS FIRM A WBE/ MBE?*	IF YES, WHAT IS ITS STATE OF ILLINOIS VENDOR NUMBER?	AMOUNT PAID OR DUE THIS BILLING
Perry Environmental, Inc. 900 South Spring Street Springfield, IL 62704 (217) 523-5446	NO		\$9,813.55
Earth Solutions, Inc. P.O. Box 748 Montgomery, IL 60538 (630) 443-0955	NO		\$2,661.68
Waypoint Analytical 2790 Whitten Road Memphis, TN 38133 (901) 213-2400	NO		\$5,201.64

BILLING TOTAL \$17,676.87

**WBE/MBE= If the firm is a WBE, place the term WBE in the space provided. If the firm is a MBE, place the term MBE in the space provided. If the firm is neither a WBE or MBE, place the word NO in the space provided.



**OFFICE OF THE ILLINOIS
STATE FIRE MARSHAL**

JB Pritzker, Governor
Dale Simpson, Acting State Fire Marshal

1/30/2023

Beeline Properties, LLC
1728 Bull Elk Drive
Stephenville, TX 76401

In Re: Facility No. 5020797
IEMA Incident No. 19991372
Beeline Mart #10430
430 Stanford Avenue
Springfield, Sangamon, IL 62703

Dear Applicant:

The Reimbursement Eligibility and Deductible Application received on January 26, 2023 for the above referenced occurrence has been reviewed. The following determinations have been made based upon this review.

You have filed an "Election to Proceed as Owner" and have received acceptance from the Illinois Environmental Protection Agency. It has been determined, therefore, that you are eligible to seek corrective action costs in excess of \$10,000. The costs must be in response to the occurrence referenced above and associated with the following tanks:

Eligible Tanks

- Tank 1 12000 gallon Gasoline
- Tank 2 12000 gallon Gasoline
- Tank 3 10000 gallon Gasoline
- Tank 4 10000 gallon Diesel Fuel

You must contact the Illinois Environmental Protection Agency to receive a packet of Agency billing forms for submitting your request for payment.

An owner or operator is eligible to access the Underground Storage Tank Fund if the eligibility requirements are satisfied:

1. Neither the owner nor the operator is the United States Government,
2. The tank does not contain fuel which is exempt from the Motor Fuel Tax Law,
3. The costs were incurred as a result of a confirmed release of any of the following substances:

"Fuel", as defined in Section 1.19 of the Motor Fuel Tax Law

Aviation fuel

Heating oil

Kerosene

Electronic Filing: Received, Clerk's Office 09/18/2024

Used oil, which has been refined from crude oil used in a motor vehicle, as defined in Section 1.3 of the Motor Fuel Tax Law.

4. The owner or operator registered the tank and paid all fees in accordance with the statutory and regulatory requirements of the Gasoline Storage Act.
5. The owner or operator notified the Illinois Emergency Management Agency of a confirmed release, the costs were incurred after the notification and the costs were a result of a release of a substance listed in this Section. Costs of corrective action or indemnification incurred before providing that notification shall not be eligible for payment.
6. The costs have not already been paid to the owner or operator under a private insurance policy, other written agreement, or court order.
7. The costs were associated with "corrective action".

This constitutes the final decision as it relates to your eligibility and the set deductible. We reserve the right to change the deductible determination should additional information that would change the determination become available. An underground storage tank owner or operator may appeal the decision to the Illinois Pollution Control Board (Board), pursuant to Section 57.9 (c) (2). An owner or operator who seeks to appeal the decision shall file a petition for a hearing before the Board within 35 days of the date of issuance of the final decision, (35 Illinois Administrative Code 105.504(b)).

For information regarding the filing of an appeal, please contact:

Clerk
Illinois Pollution Control Board
State of Illinois Center
100 West Randolph, Suite 11-500
Chicago, Illinois 60601
(312) 814-3620

The following tanks are also listed for this site:

Tank 5 15000 gallon Gasoline - Regular
Tank 6 8000 gallon Gasoline - Regular
Tank 7 6000 gallon Gasoline - Premium
Tank 8 6000 gallon Diesel Fuel

Your application indicates that there has not been a release from these tanks under this incident number. You may be eligible to seek payment of corrective action costs associated with these tanks if it is determined that there has been a release from one or more of these tanks. Once it is determined that there has been a release from one or more of these tanks you may submit a separate application for an eligibility determination to seek corrective action costs associated with this/these tanks.

If you have any questions, please contact our Office at (217) 785-1020.

Sincerely,



Deanne Lock

Division of Petroleum and Chemical Safety



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276 - (217) 782-2829
JAMES R. THOMPSON CENTER, 100 WEST RANDOLPH, SUITE 11-300, CHICAGO, IL 60601 - (312) 814-6026

ROD R. BLAGOJEVICH, GOVERNOR DOUGLAS P. SCOTT, DIRECTOR

217/782-6762

CERTIFIED MAIL

AUG 20 2008

7007 2560 0003 2093 6495

Illinois Ayers Oil Co.
Attn: Carl Adams Jr.
P.O. Box 772
Quincy, Illinois 62306

Re: LPC #1671203337 -- Sangamon County
Springfield/Illinois Ayers Oil Co.
430 Stanford Ave.
Leaking UST Incident No. 991372
Leaking UST Technical File

RELEASEABLE

SEP 11 2008

REVIEWER MD

Dear Mr. Adams:

The Illinois Environmental Protection Agency (Illinois EPA) has reviewed the High Priority Corrective Action Plan (plan) submitted for the above-referenced incident. This plan, dated June 23, 2008, was received by the Illinois EPA on June 27, 2008. Citations in this letter are from the Environmental Protection Act (Act) in effect prior to June 24, 2002, and 35 Illinois Administrative Code (35 Ill. Adm. Code).

Pursuant to Section 57.7(c) of the Act and 35 Ill. Adm. Code 732.405(c), the plan is approved. The activities proposed in the plan are appropriate to demonstrate compliance with Title XVI of the Act and 35 Ill. Adm. Code 732. Please note that all activities associated with the remediation of this release proposed in the plan must be executed in accordance with all applicable regulatory and statutory requirements, including compliance with the proper permits.

In addition, the total budget for the High Priority Corrective Action Plan is approved for the amounts listed in Attachment A. Please note that the costs must be incurred in accordance with the approved plan. Be aware that the amount of payment from the Fund may be limited by Sections 57.8(e), 57.8(g) and 57.8(d) of the Act, as well as 35 Ill. Adm. Code 732.604, 732.606(s), and 732.611.

NOTE: Amended plans and/or budgets must be submitted and approved prior to the issuance of a No Further Remediation (NFR) Letter. Costs associated with a plan or budget that have not been approved prior to the issuance of an NFR Letter will not be paid.

Further, pursuant to 35 Ill. Adm. Code 732.112, 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

Page 2

activities; and the date, time, and place the activities will be conducted. This notification of field activities may be done by telephone, facsimile, or electronic mail.

All future correspondence must be submitted to:

Illinois Environmental Protection Agency
Bureau of Land - #24
Leaking Underground Storage Tank Section
1021 North Grand Avenue East
Post Office Box 19276
Springfield, IL 62794-9276

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

If you have any questions or need further assistance, please contact Clayton Bloome at 217/524-1288.

Sincerely,



Michael T. Lowder
Unit Manager
Leaking Underground Storage Tank Section
Division of Remediation Management
Bureau of Land

MTL:CTB:C\

Attachment: Attachment A

c: Joseph W. Truesdale, CSD Environmental Services, Inc.
Leaking UST Claims Unit
BOL File

Attachment A

Re: LPC #1671203337 -- Sangamon County
Springfield/Illinois Ayers Oil Co.
430 Stanford Ave.
Leaking UST Incident No. 991372
Leaking UST Technical File

The budget was previously approved for:

\$15,440.26	Investigation Costs
\$45,858.35	Analysis Costs
\$103,178.72	Personnel Costs
\$5,200.60	Equipment Costs
\$267,787.56	Field Purchases and Other Costs

As a result of review of the budget at-hand, the following amounts are approved:

\$3,623.00	Investigation Costs
\$5,448.33	Analysis Costs
\$31,344.16	Personnel Costs
\$1,345.90	Equipment Costs
\$474.70	Field Purchases and Other Costs

Therefore, the total cumulative budget is approved for:

\$19,063.26	Investigation Costs
\$51,306.68	Analysis Costs
\$134,522.88	Personnel Costs
\$6,546.50	Equipment Costs
\$268,262.26	Field Purchases and Other Costs

Handling charges will be determined at the time a billing package is reviewed by the Illinois EPA. The amount of allowable handling charges will be determined in accordance with Section 57.8(f) of the Environmental Protection Act (Act) and 35 Illinois Administrative Code (35 Ill. Adm. Code) 732.607.

CTB:C\

Form **W-9**
(Rev. October 2018)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

Go to www.irs.gov/FormW9 for instructions and the latest information.

Print or type.
See Specific Instructions on page 3.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.
Beeline Properties, LLC

2 Business name/disregarded entity name, if different from above

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.

Individual/sole proprietor or single-member LLC C Corporation S Corporation Partnership Trust/estate

Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____

Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.

Other (see instructions) ▶ _____

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any) _____

Exemption from FATCA reporting code (if any) _____

(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.) See instructions.
1728 Bull Elk Drive

6 City, state, and ZIP code
Stephenville, Texas 76401

7 List account number(s) here (optional)

Requester's name and address (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number

			-			
--	--	--	---	--	--	--

or

Employer identification number

8	5	-	2	9	2	5	2	8	8
---	---	---	---	---	---	---	---	---	---

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification Instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here Signature of U.S. person ▶ _____ Date ▶ **12/18/2022**

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
 - Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
 - Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
 - Form 1099-S (proceeds from real estate transactions)
 - Form 1099-K (merchant card and third party network transactions)
 - Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
 - Form 1099-C (canceled debt)
 - Form 1099-A (acquisition or abandonment of secured property)
- Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See *What Is backup withholding*, later.

Electronic Filing Received Clerk's Office 09/18/2024

Reviewer: Amanda Ausmus Queue Date: 12/13/23 Initial Review Date: 4/5/24
 Subject to Program: 734
 LPC # & County: 1671203337 / Sangamon PM: Cope
 Site Name: Springfield / Illinois Ayers Oil Co
 LUST Incident--Claim # 991372-74387 Billing Period: 1/25/23 to 12/7/23
 Early Action: _____ Site Class.: _____ Low Priority: _____ High Priority: _____
 Free Product: _____ Site Invest.: _____ Corrective Action: X

Amount requested for 17,676.87

SUB TOTAL: \$17,676.87

Less: STANDARD DEDUCTIBLE: met

Less: DEDUCTIONS:

Deny (17,676.87)

IEPA
Division of Records Management
Releasable

AUG 27 2024

Reviewer: MDB

SUMMARY DATE: _____
 NFR DATE: _____
 OPT-IN DATE: _____
 Total Amount Due: \$0.00

Payee: Beeline Properties LLC Facility: Illinois Ayers Oil Co
 Attention: C/O Perry Environmental Inc Address: 430 Stanford Avenue
 Address: 900 South Spring Street City/State: Springfield, Illinois
 City/St./Zip: Springfield, Illinois 62704 County: Sangamon

Approved LUST Budget/Billing Tracking Summary

Project Manager: Bloome

LUST Incident #: 991372
 LUST Site City & Name: Springfield/Illinois Ayerco #14
 Phase of Work being billed for: LP SC XX HP
SI CA

APPROVED BUDGET AMOUNTS:

Budget Line Items	Approved Costs	Amendment #1	Amendment #2	Amendment #3	Amendment #4	Amendment #5	Approved Cumulative
Date of Approved Budget	4/7/00	3/6/07	8/20/08				
1. Investigative Costs:	11,547.60	3,892.66	3,623.00				\$19,063.26
2. Analysis Costs:	41,460.00	4,398.35	5,448.33				\$51,306.68
3. Personnel:	53,590.00	49,588.72	31,344.16				\$134,522.88
4. Equipment:	4,325.00	875.60	1,345.90				\$6,546.50
5. Field Purchases & Other:	224,217.82	49,659.64	474.70				\$274,352.16
6. Handling Charges:	8,289.07	6,220.59					\$14,509.66
Totals	\$343,429.49	\$114,635.56	\$42,236.09	\$0.00	\$0.00	\$0.00	\$500,301.14

handling tbd handling tbd

AMOUNTS PER CLAIM APPLIED TO APPROVED BUDGET LINES:

Billing Line Items	Billing #1	Billing #2	Billing #3	Billing #4	Billing #5	Billing #6
Date of Billing	4/13/00	5/15/00	4/10/01	6/7/05	3/19/07	11/28/07
1. Investigative Costs:	1,785.23	0.00	3,966.04	5,796.33	574.59	0.00
2. Analysis Costs:	1,501.60	660.00	2,936.00	3,664.00	3,404.50	0.00
3. Personnel:	27,656.25	11,171.25	9,118.50	5,644.00	0.00	43,306.98
4. Equipment:	2,055.00	0.00	900.60	390.00	630.00	0.00
5. Field Purchases & Other:	215,101.92	9,115.90	0.00	0.00	112.11	39,876.02
6. Handling Charges:	7,301.49	987.58	0.00	0.00	0.00	4,907.50
Totals	255,401.49	21,934.73	16,921.14	15,494.33	4,721.20	88,090.50

Billing Line Items	Billing #7	Billing #8	Billing #9	Billing #10	Billing #11	Billing #12	Billing Cumulative
Date of Billing	7/3/08	1/27/09	12/13/23				
1. Investigative Costs:	3,486.40	3,454.67	0.00				\$19,063.26
2. Analysis Costs:	4,493.60	5,581.92	0.00				\$22,241.62
3. Personnel:	6,089.58	16,622.95	0.00				\$119,609.51
4. Equipment:	1,090.00	1,480.90	0.00				\$6,546.50
5. Field Purchases & Other:	5.24	5,810.44	0.00				\$270,021.63
6. Handling Charges:	898.53	414.56	0.00				\$14,509.66
Totals	16,063.35	33,365.44	0.00	0.00	0.00	0.00	\$451,992.18

BILLING TO BUDGET DIFFERENTIALS:

Budget/Billing Line Items	Line Item Differences
1. Investigative Costs:	\$0.00
2. Analysis Costs:	\$29,065.06
3. Personnel:	\$14,913.37
4. Equipment:	\$0.00
5. Field Purchases & Other:	\$4,330.53
6. Handling Charges:	\$0.00

Electronic Filing: Received, Clerk's Office 09/18/2024

Electronic Filing: Received by Clerk's Office 09/18/2024

TO: Brian Bauer
FROM: Amanda Ausmus

Initial Review Date: 4/5/24
Project Manager: Cope
Subject to Program: 734

LPC # & County: 1671203337 / Sangamon
Site City & Name: Springfield / Illinois Ayers Oil Co
Site Address: 430 Stanford Avenue
LUST Incident-Claim # 991372-74387
Queue Date: 12/13/2023
LUST / FISCAL FILE

The above referenced facility's consultants/contractors submission regarding invoices and billings has been reviewed.

The consultant/contractor in this billing package is: Perry Environmental

Queue Date: 12/13/23
120 Day Date: 4/11/24
Revised 120 Day Date:

IEMA: 6/8/99
OSFM:
F.P. Discovered:
E.A. Ext Date:
NFR Date:
Opt-In Date:
Opt-In as New Owner:
52 Days After IEMA: 7/30/99
Date of 45 Day Report:
45 Days After Free Product was Discovered:
Date of Site Class. Comp. Report:
Date of Site Invest. Comp. Report:
Or Stage of Site Invest. work being billed:

of Eligible Tanks: 4
Tank Size: 2-12,000g Gas 1-10,000g Gas 1-10,000g Diesel
Tank Pull: Planned: Not Planned:

The Billing Period for this claim covers: 1/25/23 to 12/7/23

The Amount Requested in this billing package is: \$17,676.87

The Budget Amount Approved for this site is:

The Deductible Applied to this billing package is: met

Early Action: Site Class.: Low Priority: High Priority:
Free Product: Site Invest.: Corrective Action: X

MANDATORY DOCUMENTS:

- X 1. Payment Certification Form.
X 2. Owner/Operator & Professional Engineer/Geologist Billing Certification Form.
X 3. Private Insurance Coverage Questionnaire & Affidavit Forms.
X 4. Federal Taxpayer Identification Number &/or W-9 Form(s):
X 5. Copy of OSFM Eligibility / Deductibility Letter.
X 6. Women / Minority Business Enterprise Form.

Ausmus, Amanda S.

From: Cope, Benjamin
Sent: Thursday, April 4, 2024 3:59 PM
To: Ausmus, Amanda S.
Subject: RE: Illinois Ayers Oil 1671203337 Incident 991372

Correct, there was no approval or request from us.

Ben Cope
Project Manager
Leaking Underground Storage Tank Section
(217) 524-3309
Benjamin.Cope@Illinois.gov



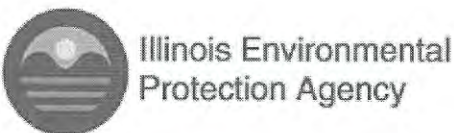
From: Ausmus, Amanda S. <Amanda.Ausmus@Illinois.gov>
Sent: Thursday, April 4, 2024 3:48 PM
To: Cope, Benjamin <Benjamin.Cope@Illinois.gov>
Subject: RE: Illinois Ayers Oil 1671203337 Incident 991372

The work being requested for reimbursement is from their report dated November 7, 2023. They state it was done according to the CAP approved in August 2008, which that work was already done in 2008 and reimbursed for in 2009.

I just want to confirm that the work done in the November 7, 2023, report they did on their own without approval or request from us.

Thank You,

Amanda Ausmus
Special Projects and Financial Unit
LUST Section
Illinois Environmental Protection Agency
Amanda.Ausmus@Illinois.gov
217-524-3860



Electronic Filing: Received, Clerk's Office 09/18/2024

From: Cope, Benjamin <Benjamin.Cope@Illinois.gov>
Sent: Thursday, April 4, 2024 3:32 PM
To: Ausmus, Amanda S. <Amanda.Ausmus@Illinois.gov>
Subject: RE: Illinois Ayers Oil 1671203337 Incident 991372

Hi Amanda,

Looking at what I have I approved an election to proceed as owner on January 23 ,2023. The letter only stated to submit a Corrective Action Plan. I have not approved any costs associated with this incident. Let me know if I can be of any further assistance.

Thanks,

Ben Cope
Project Manager
Leaking Underground Storage Tank Section
(217) 524-3309
Benjamin.Cope@Illinois.gov



From: Ausmus, Amanda S. <Amanda.Ausmus@Illinois.gov>
Sent: Thursday, April 4, 2024 2:59 PM
To: Cope, Benjamin <Benjamin.Cope@Illinois.gov>
Subject: Illinois Ayers Oil 1671203337 Incident 991372

Good Afternoon,

We received a reimbursement claim for this incident citing a CA budget from 2008, which is when their last budget was approved. All the technical work from that approved budget had already been completed in 2008/2009 and has already been reimbursed back in 2009. Did we request for additional borings to be done or the borings to be re-done? As of right now there is not an approved budget to align with the work done in 2023.

Thank You,

Amanda Ausmus
Special Projects and Financial Unit
LUST Section
Illinois Environmental Protection Agency
Amanda.Ausmus@Illinois.gov
217-524-3860





Electronic Filing: Received, Clerk's Office 09/18/2024
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 #

9589 0710 5270 1326 4524 57

APR 11 2024

Beeline Properties, LLC
C/O Perry Environmental, Inc
900 South Spring Street
Springfield, Illinois 62704

Re: 1671203337 -- Sangamon County
Springfield/Illinois Ayers Oil Company
430 Stanford Avenue
Incident-Claim No.: 991372 -- 74387
Queue Date: December 13, 2023
Leaking UST Fiscal File

Dear Mr. Joshi:

The Illinois Environmental Protection Agency (Illinois EPA) has completed the review of your application for payment from the Underground Storage Tank (UST) Fund for the above-referenced Leaking UST incident pursuant to Section 57.8(a) of the Environmental Protection Act (415 ILCS 5) (Act) and 35 Illinois Administrative Code (35 Ill. Adm. Code) 734.Subpart F.

This information is dated December 08, 2023, and was received by the Illinois EPA on December 13, 2023. The application for payment covers the period from January 25, 2023, to December 7, 2023. The amount requested is \$17,676.87.

On December 13, 2023, the Illinois EPA received your application for payment for this claim. As a result of the Illinois EPA's review of this application for payment, a voucher cannot be prepared for submission to the Comptroller's office for payment. Subsequent applications for payment that have been/are submitted will be processed based upon the date subsequent application for payment requests are received by the Illinois EPA. This constitutes the Illinois EPA's final action with regard to the above application(s) for payment.

The deductible amount for this claim is \$10,000.00, which was previously withheld from your payment(s). Pursuant to Section 57.8(a)(4) of the Act, any deductible, as determined pursuant to the Office of the State Fire Marshal's eligibility and deductibility final determination in accordance with Section 57.9 of the Act, shall be subtracted from any payment invoice paid to an eligible owner or operator.

There are costs from this claim that are not being paid. Listed in Attachment A are the costs that are not being paid and the reasons these costs are not being paid.

2125 S. First Street, Champaign, IL 61820 (217) 278-5800
115 S. LaSalle Street, Suite 2203, Chicago, IL 60603
1101 Eastport Plaza Dr., Suite 100, Collinsville, IL 62234 (618) 346-5120
9511 Harrison Street, Des Plaines, IL 60016 (847) 294-4000

595 S. State Street, Elgin, IL 60123 (847) 608-3131
2309 W. Main Street, Suite 116, Marion, IL 62959 (618) 993-7200
412 SW Washington Street, Suite D, Peoria, IL 61602 (309) 671-3022
4302 N. Main Street, Rockford, IL 61103 (815) 987-7760 000713

An underground storage tank system owner or operator may appeal this decision to the Illinois Pollution Control Board. Appeal rights are attached.

If you have any questions or require further assistance, please contact Amanda Ausmus of my staff at (217) 524-3860 or at Amanda.Ausmus@illinois.gov.

Sincerely,

A handwritten signature in black ink that reads "Jennifer Rossi" followed by "for J Rossi" in a smaller, less legible script.

Jennifer Rossi
Interim Unit Manager
Special Projects and Financial Unit
Leaking Underground Storage Tank Section
Bureau of Land

Attachments: A
Appeal Rights

c: Gouri Joshi
Leaking UST Claims Unit

Attachment A
Accounting Deductions

Re: 1671203337 -- Sangamon County
Springfield / Illinois Ayers Oil Co
430 Stanford Avenue
Incident-Claim No.: 991372 -- 74387
Queue Date: December 13, 2023
Leaking UST FISCAL FILE

Citations in this attachment are from the Environmental Protection Act (415 ILCS 5) (Act) and 35 Illinois Administrative Code (35 Ill. Adm. Code).

Item # Description of Deductions

1. \$17,676.87, deduction for costs due to no approved free product removal, site investigation, or corrective action budget. The Illinois EPA is unable to approve billings for free product removal conducted more the 45 days after the confirmation of the presence of free product, site investigation or corrective action activities without an approved budget pursuant to Section 57.8(a)(1) of the Act and 35 Ill. Adm. Code 734.605(f).

Deduction for site investigation or corrective action costs that are not reasonable as submitted. Such costs are ineligible for payment from the Fund pursuant to Section 57.7(c)(3) of the Act and 35 Ill. Adm. Code 734.630(dd).

In addition, deduction for costs, which lack supporting documentation. Such costs are ineligible for payment from the Fund pursuant to 35 Ill. Adm. Code 734.630(cc). Since there is no supporting documentation of costs, the Illinois EPA cannot determine that costs will not be used for activities in excess of those necessary to meet the minimum requirements of Title XVI of the Act. Therefore, such costs are not approved pursuant to Section 57.7(c)(3) of the Act and 35 Ill. Adm. Code 734.630(o) because they may be used for site investigation or corrective action activities in excess of those required to meet the minimum requirements of Title XVI of the Act.

- There is no budget approved for the costs being requested in the above referenced claim. The budget received by the Illinois EPA on June 27, 2008, as referenced on the *General Information for the Budget and Billing Forms* form included in the above referenced submittal, was previously utilized, i.e. all of the work associated with the 2008 plan and budget has already been completed. This work has already been reimbursed by the Illinois EPA in the claim received by the Illinois EPA on January 27, 2009.

Appeal Rights

An underground storage tank owner or operator may appeal this final decision to the Illinois Pollution Control Board pursuant to Sections 40 and 57.7(c)(4) of the Act by filing a petition for a hearing within 35 days after the date of issuance of the final decision. However, the 35-day period may be extended for a period not to exceed 90 days by written notice from the owner or operator and the Illinois EPA within the initial 35-day appeal period. If the owner or operator wishes to receive a 90-day extension, a written request that includes a statement of the date the final decision was received, along with a copy of this decision, must be sent to the Illinois EPA as soon as possible.

For information regarding the filing of an appeal, please contact:

Clerk of the Board
Illinois Pollution Control Board
60 East Van Buren Street, Suite 630
Chicago, IL 60605
(312) 814-3461

For information regarding the filing of an extension, please contact:

Illinois Environmental Protection Agency
Division of Legal Counsel
1021 North Grand Avenue East
PO Box 19276
Springfield, IL 62794-9276
(217) 782-5544

