State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee, WI 53212

Scott Walker, Governor
Daniel L. Meyer, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

WISCONSIN
DEPT. OF NATURAL RESOURCES

November 15, 2018

Miguel Veguilla
1506 Dr. Martin Luther King Jr. Dr.
Racine, WI 53404

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Final Case Closure with Continuing Obligations
Parks Pioneer Silver Steel, 1218 Frederick St., Racine, WI
DNR BRRTS Activity #: 03-52-203881 FID #: 252228240
PECFA #: 53404-3030-18

Dear Mr. Veguilla:

The Department of Natural Resources (DNR) considers Parks Pioneer Silver Steel closed, with continuing obligations. No further investigation or remediation is required at this time. However, you, future property owners, and occupants of the property must comply with the continuing obligations as explained in the conditions of closure in this letter. Please read over this letter closely to ensure that you comply with all conditions and other on-going requirements. Provide this letter and any attachments listed at the end of this letter to anyone who purchases, rents or leases this property from you.

This final closure decision is based on the correspondence and data provided and is issued under chs. NR 726 and 727, Wis. Adm. Code. The DNR reviewed the request for closure on February 21, 2017. The DNR reviewed this environmental remediation case for compliance with state laws and standards to maintain consistency in the closure of these cases. A request for monitoring well abandonment and closure packet adjustments were made by the DNR after the review. The environmental consultant working on your behalf was no longer willing to work on your case, so assistance was provided to you to find a consultant to complete the work. Final documentation that the conditions were met was received on November 13, 2018.

This industrial zoned site is used to stage vehicles and construction equipment. In 1998, petroleum contamination was identified during the removal of one 8,000-gallon diesel and one 550-gallon gasoline underground storage tank. Site Investigation included advancement of soil boring and completion of groundwater monitoring wells. The concrete slabs of two former buildings are present on-site, but no current on-site buildings exist. PAHs were identified as present in soil at concentrations exceeding non-industrial direct contact RCLs. No remedial action was conducted at the site.

The conditions of closure and continuing obligations required were based on the property being used for industrial purposes.

Continuing Obligations

The continuing obligations for this site are summarized below. Further details on actions required are found in the section Closure Conditions.

- Groundwater contamination is present at or above ch. NR 140, Wis. Adm. Code enforcement standards.
- Residual soil contamination exists that must be properly managed should it be excavated or removed.
- One or more monitoring wells were not located and must be properly filled and sealed if found.

- Industrial soil standards were applied for closure, and industrial zoning is required. Before the land use may be changed from industrial to non-industrial, additional environmental work must be completed.
- Remaining contamination could result in vapor intrusion if future construction activities occur. Future construction includes expansion or partial removal of current buildings as well as construction of new buildings. Vapor control technologies will be required for occupied buildings, unless the property owner assesses the potential for vapor intrusion, and the DNR agrees that vapor control technologies are not needed.

The DNR fact sheet "Continuing Obligations for Environmental Protection," RR-819, helps to explain a property owner's responsibility for continuing obligations on their property. The fact sheet may be obtained at http://dnr.wi.gov/files/PDF/pubs/rr/RR819.pdf.

Notice of Continuing Obligations

This site will be included on the Bureau for Remediation and Redevelopment Tracking System (BRRTS on the Web) at https://dnr.wi.gov/botw/SetUpBasicSearchForm.do, to provide public notice of residual contamination and of any continuing obligations. The site can also be viewed on the Remediation and Redevelopment Sites Map at https://dnrmaps.wi.gov/H5/?viewer=rrsites.

DNR approval prior to well construction or reconstruction is required for all sites identified as having residual contamination/continuing obligations, in accordance with s. NR 812.09 (4) (w), Wis. Adm. Code. This requirement applies to private drinking water wells and high capacity wells. To obtain approval, complete and submit Form 3300-254 to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at http://dnr.wi.gov/topic/wells/documents/3300254.pdf.

All site information is also on file at the Southeastern Regional DNR office, at 2300 N. Dr. Martin Luther King Jr. Drive. This letter and information that was submitted with your closure request application, including any maintenance plan and maps, can be found as a Portable Document Format (PDF) in BRRTS on the Web.

Closure Conditions

Compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere. DNR staff will conduct periodic prearranged inspections to ensure that the conditions included in this letter and the attached maintenance plan are met. If these requirements are not followed, the DNR may take enforcement action under s. 292.11, Wis. Stats. to ensure compliance with the specified requirements, limitations or other conditions related to the property.

Please send written notifications in accordance with the following requirements to:

Department of Natural Resources
Attn: Remediation and Redevelopment Program Environmental Program Associate
2300 N. Dr. Martin Luther King Jr. Drive
Milwaukee, WI 53212

Residual Groundwater Contamination (ch. NR 140, 812, Wis. Adm. Code)

Groundwater contamination greater than enforcement standards is present on this contaminated property as shown on *Figure B.3.b Groundwater Isoconcentration Map*, dated April 7, 2015. If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval.

Residual Soil Contamination (ch. NR 718, chs. 500 to 536, Wis. Adm. Code or ch. 289, Wis. Stats.)

Soil contamination remains in the former petroleum dispensing system as indicated on the attached map *Figure B.2.b, Residual Soil Contamination Map*, dated April 10, 2015. If soil in the specific locations described above is

excavated in the future, the property owner or right-of-way holder at the time of excavation must sample and analyze the excavated soil to determine if contamination remains. If sampling confirms that contamination is present, the property owner or right-of-way holder at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. Contaminated soil may be managed in accordance with ch. NR 718, Wis. Adm. Code, with prior DNR approval.

In addition, all current and future owners and occupants of the property and right-of-way holders need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

Monitoring Wells that could not be Properly Filled and Sealed (ch. NR 141, Wis. Adm. Code)
Monitoring well(s) MW-3, located on shown on *Figure B.3.d Monitoring Well Location Map*, dated December 5, 2012, could not be properly filled and sealed because they were missing due to being paved over, covered or removed during site development activities. Your consultant made a reasonable effort to locate the well and to determine whether it was properly filled and sealed but was unsuccessful. You may be held liable for any problems associated with the monitoring wells if they create a conduit for contaminants to enter groundwater. If any of the groundwater monitoring wells are found, the then current owner of the property on which the well is located is required to notify the DNR, to properly fill and seal the wells and to submit the required documentation to the DNR.

Industrial Soil Standards (s. NR 726.15, s. NR 727.07, Wis. Adm. Code)
Soil contamination remains at in areas around the former underground storage tank system, as shown on the attached map titled Figure B.2.b, Residual Soil Contamination Map, dated April 10, 2015. Samples contained PAHs in concentrations that met the site-specific industrial soil standards developed for this site.

This property may not be used or developed for a residential, commercial, agricultural or other non-industrial use, unless prior written approval has been obtained from the DNR. The property owner shall notify the DNR at least 45 days before changing the use. An investigation and remedial action to meet applicable soil cleanup standards may be required at that time.

Vapor Mitigation or Evaluation (s. 292.12 (2), Wis. Stats., s. NR 726.15, s. NR 727.07, Wis. Adm. Code)
Vapor intrusion is the movement of vapors coming from volatile chemicals in the soil or groundwater, into buildings where people may breathe air contaminated by the vapors. Vapor mitigation systems are used to interrupt the pathway, thereby reducing or preventing vapors from moving into the building.

Future Concern: Petroleum Volatile Organic Compounds remain in soil and near-surface groundwater at subject site, as shown on the attached map *Figure B.3.b Groundwater Isoconcentration Map*, at levels that may be of concern for vapor intrusion in the future, depending on construction and occupancy of a building. No buildings are currently present on the site. Therefore, before a building is constructed and/or an existing building is modified, the property owner must notify the DNR at least 45 days before the change. Vapor control technologies are required for construction of occupied buildings unless the property owner assesses the vapor pathway and DNR agrees that vapor control technologies are not needed.

Other Closure Information

PECFA Reimbursement

Section 101.143, Wis. Stats., requires that Petroleum Environmental Cleanup Fund Award (PECFA) claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received within 120 days of

the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement. If there is equipment purchased with PECFA funds remaining at the site, contact the DNR Project Manager to determine the method for salvaging the equipment.

Per Wisconsin Act 55 (2015 State budget), a claim for PECFA reimbursement must be submitted within 180 days of incurring costs (i.e., completing a task). If your final PECFA claim is not submitted within 180 days of incurring the costs, the costs will not be eligible for PECFA reimbursement.

In Closing

Please be aware that the case may be reopened pursuant to s. NR 727.13, Wis. Adm. Code, for any of the following situations:

- if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment,
- if the property owner does not comply with the conditions of closure, with any deed restrictions applied to the property, or with a certificate of completion issued under s. 292.15, Wis. Stats., or
- a property owner fails to maintain or comply with a continuing obligation (imposed under this closure approval letter).

The DNR appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Lee Delcore at 920-893-8524, or at Lee.Delcore@wisconsin.gov.

Sincerely,

Michele R. Norman
Southeast Team Supervisor
Remediation & Redevelopment Program

Attachments:

- Figure B.3.b Groundwater Isoconcentration Map dated April 7, 2015
- Figure B.2.b, Residual Soil Contamination Map, dated April 10, 2015
- Figure B.3.d Monitoring Well Location Map, dated December 5, 2012

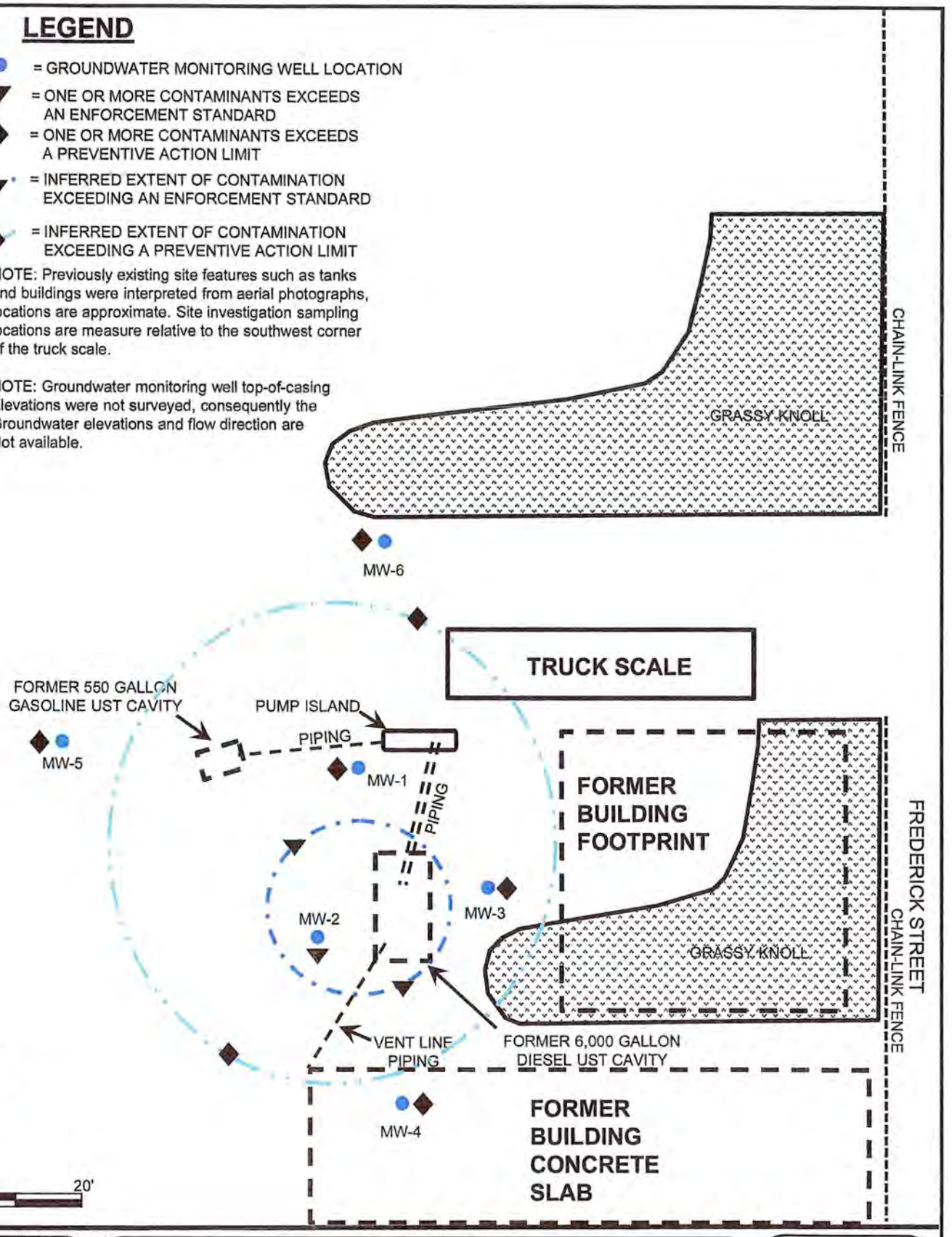
cc: Jason Powell, METCO

LEGEND

- = GROUNDWATER MONITORING WELL LOCATION
- = ONE OR MORE CONTAMINANTS EXCEEDS AN ENFORCEMENT STANDARD
- = ONE OR MORE CONTAMINANTS EXCEEDS A PREVENTIVE ACTION LIMIT
- = INFERRED EXTENT OF CONTAMINATION EXCEEDING AN ENFORCEMENT STANDARD
- = INFERRED EXTENT OF CONTAMINATION EXCEEDING A PREVENTIVE ACTION LIMIT

NOTE: Previously existing site features such as tanks and buildings were interpreted from aerial photographs, locations are approximate. Site investigation sampling locations are measure relative to the southwest corner of the truck scale.

NOTE: Groundwater monitoring well top-of-casing Elevations were not surveyed, consequently the Groundwater elevations and flow direction are Not available.

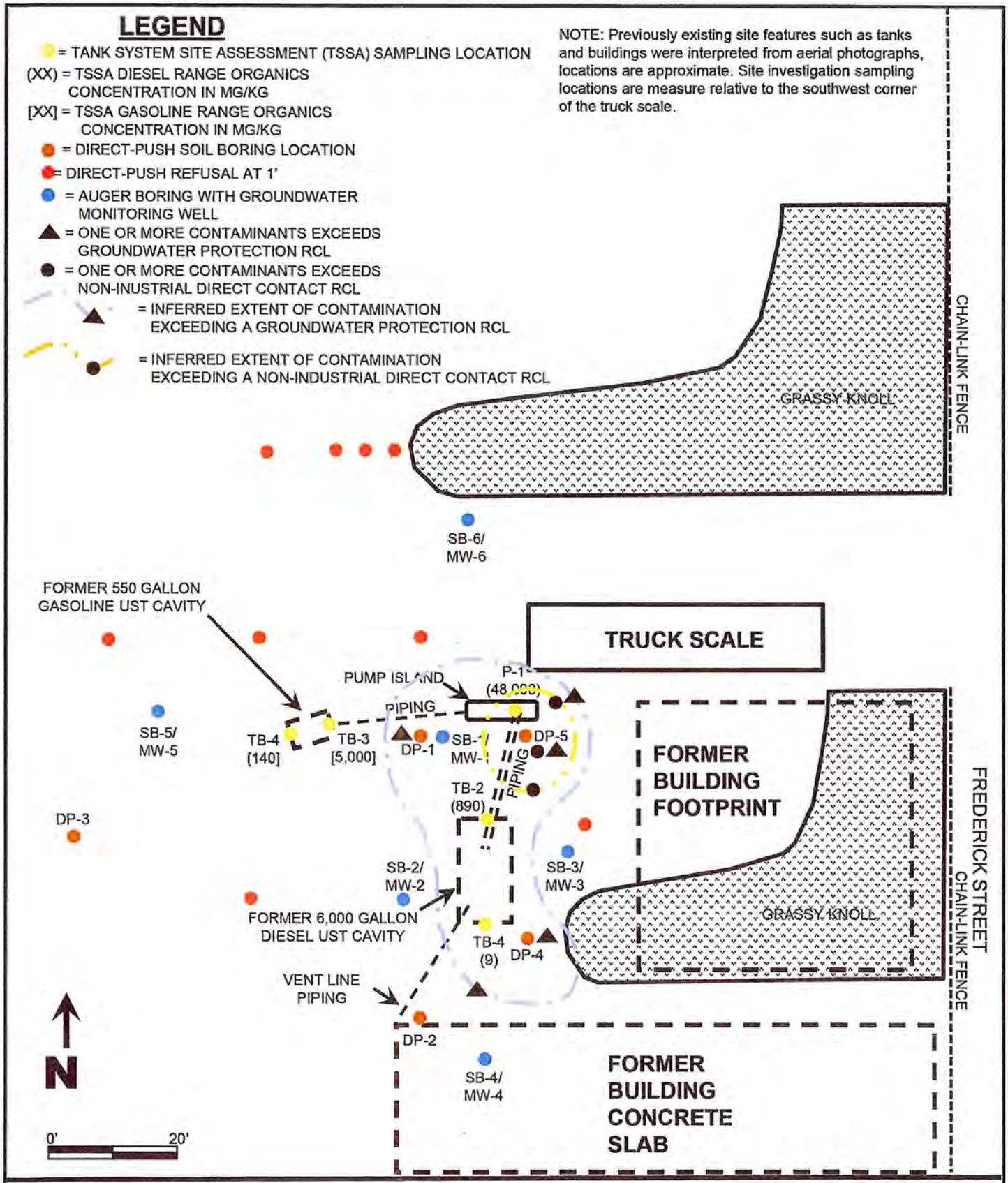


Approved By: Sean Cranley	Figure: 1
Date Approved: 4/7/15	
Date Drawn: 4/7/15	1 of 1
Drawn By: Sean Cranley	

FIGURE B.3.b

GROUNDWATER ISOCONCENTRATION MAP
PARKS PIONEER – SILVER STEEL
1218 FREDERICK STREET
RACINE, WI

ChemReport®
Environmental & Safety Engineers
4515 Washington Road
Kenosha, WI 53144
800-965-5323
engineer@chemreport.com

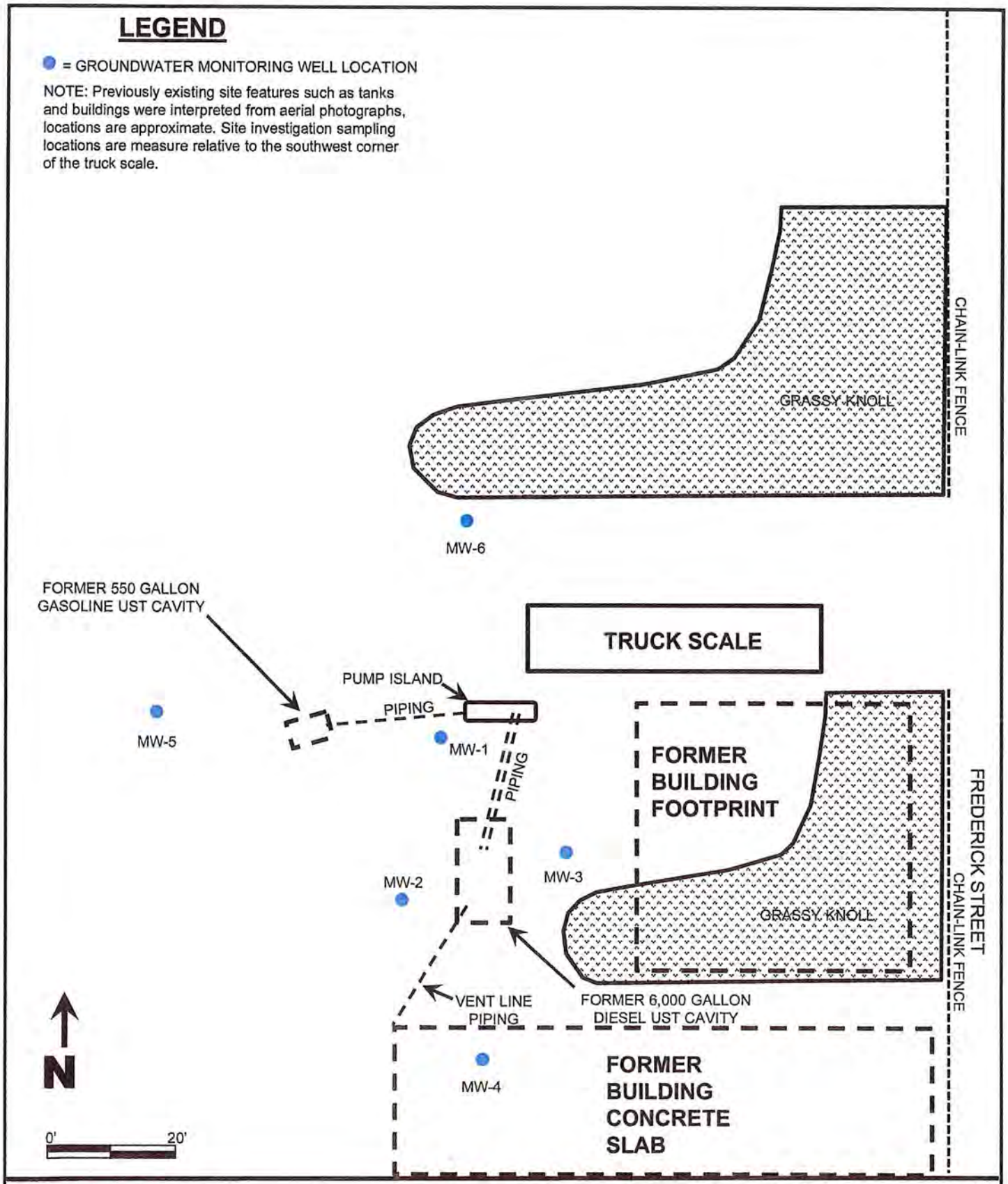


Approved By: Sean Cranley	Figure: 1
Date Approved: 4/10/15	
Date Drawn: 4/10/15	1 of 1
Drawn By: Sean Cranley	

FIGURE B.2.b

RESIDUAL SOIL CONTAMINATION MAP
PARKS PIONEER – SILVER STEEL
1218 FREDERICK STREET
RACINE, WI

ChemReport
Environmental & Safety Engineers
4515 Washington Road
Kenosha, WI 53144
800-965-5323
engineer@chemreport.com



Approved By: Sean Cranley	Figure: 1
Date Approved: 12/5/12	
Date Drawn: 12/5/12	1 of: 1
Drawn By: Sean Cranley	

FIGURE B.3.d

MONITORING WELL LOCATION MAP
PARKS PIONEER – SILVER STEEL
1218 FREDERICK STREET
RACINE, WI

ChemReport®
Environmental & Safety Engineers
4515 Washington Road
Kenosha, WI 53144
800-965-5323
engineer@chemreport.com

THE SIGMA GROUP
Single Source. Sound Solutions.

April 1, 2016

Project Reference #12420

Mr. Riley Neumann
Wisconsin Department of Natural Resources
Remediation & Redevelopment Program
2300 N. Dr. Martin Luther King Drive
Milwaukee, WI 53212

RE: Request for Cost Approval for PECFA Usual and Customary and Variance Cost Estimate for Additional Site Assessment and Closure Activities at the Pioneer Parks Facility Located at 1112 Frederick Street, Racine, Wisconsin WDNR BRRTS # 03-52-204139 PECFA # 53404-3028-80

Dear Mr. Neumann:

The Sigma Group, Inc. (Sigma) has prepared this revised cost estimate for Wisconsin Department of Natural Resources (WDNR) approval for one additional groundwater sampling event, preparation of WDNR case closure request for the above-referenced site, and well abandonment following case closure being granted. Previously, a diesel fuel release from an underground storage tank had been documented and monitoring wells were installed in August 2012 to monitor residual groundwater impacts, with the most recent sampling activities being performed in March 2015. The purpose of the proposed activities is to evaluate current groundwater conditions and develop a site closure request. A site map and soil and groundwater tables are attached.

Proposed Scope of Work

The revised proposed scope of work is as follows:

- Collect one round of groundwater samples from the on-site monitoring well network (4 wells) to determine current environmental conditions. Groundwater samples will be submitted to a laboratory for PVOCs and PAHs.
- Preparation and submittal of a WDNR case closure request pending groundwater analytical results from the proposed sample round.
- Abandonment of on-site monitoring well network (4 wells) following case closure being granted.

Estimated Cost

Sigma's cost estimate for the proposed activities with corresponding PECFA Usual and Customary costs is $5,689.59. The January 2016 - June 2016 U&C cost table is provided for your review as an attachment. Future claims/ invoicing not included.

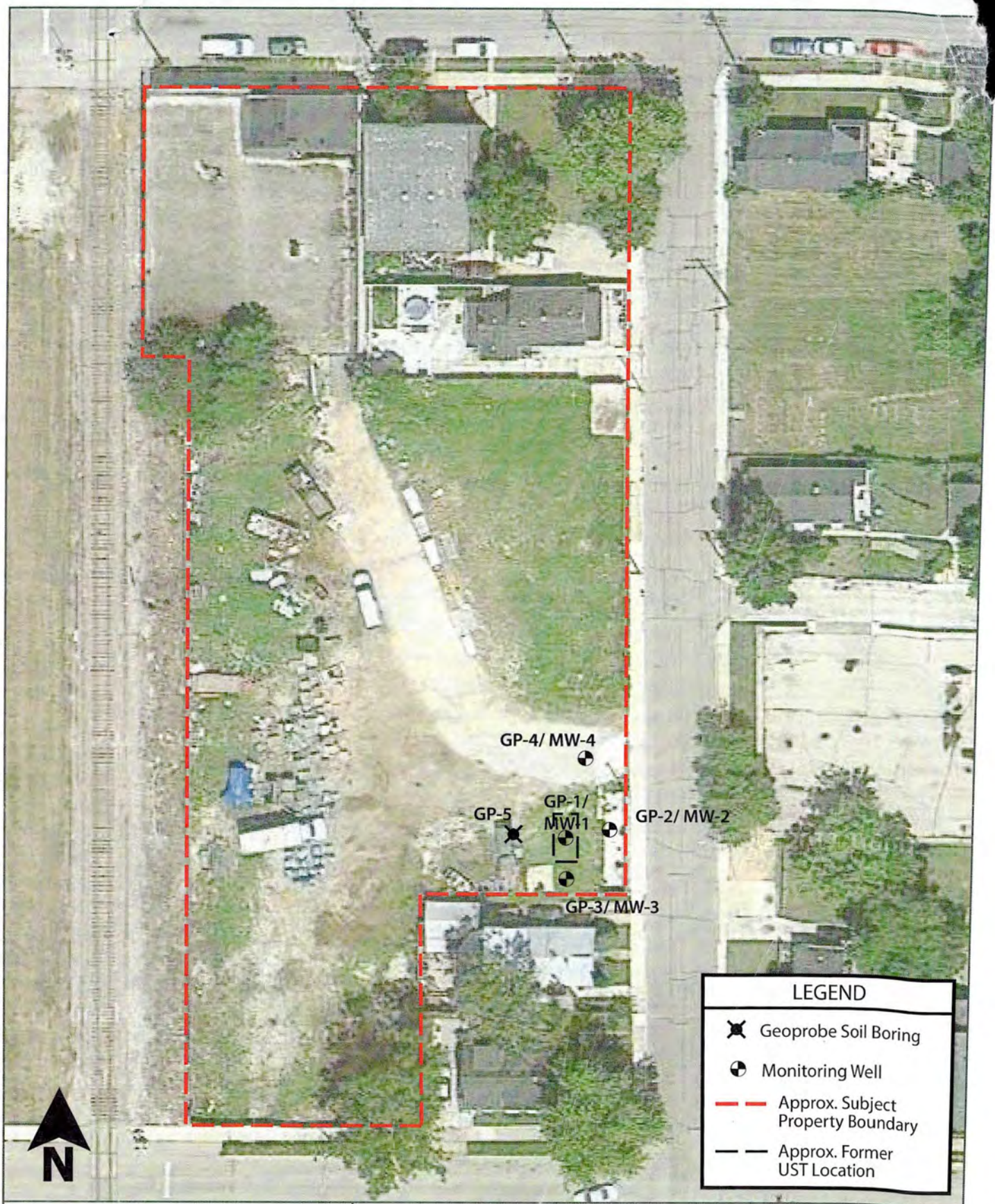
If you have any questions or comments, please call us at (414) 643-4117.

Sincerely,

THE SIGMA GROUP, INC

Stacy L. Oszuscik, E.I.T.
Staff Engineer

Timothy E. Wimmer, P.G.
Senior Project Manager



Project : 13703 | Directory: FIGURES | Filename: 13703_F1_Borehole Location Map.pdf | Created By: SLO | Date: 08/13/2013

THE SIGMA GROUP
Single Source. Sound Solutions.

BORING LOCATION MAP

1112 Frederick Street
Racine, Wisconsin

FIGURE

1

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
1155 Pilgrim Road
Plymouth, WI 53073

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

WISCONSIN
DEPT. OF NATURAL RESOURCES

August 12, 2015

Miguel Veguilla
1506 Dr. Martin Luther King, Jr. Dr.
Racine, WI 53404

RE: **Public Bidding Deferred – Cost Cap Approved**

PECFA # 53404-3030-18-A DNR BRRTS # 03-52-203881
Parks Pioneer-Silver Steel, 1214 Frederick St., Racine

On July 28, 2015, the Wisconsin Department of Natural Resources (Department) received a scope of work (SOW) and cost estimate utilizing the chapter NR 747, Wisconsin Administrative Code, Usual and Customary Cost Schedule (Cost Schedule) for the site referenced above. It is understood that the activities identified in the scope of work have already been completed, with the report and other deliverables already submitted to the Department. It is further recognized that several items submitted as part of the last claim for this site were denied reimbursement because the specific tasks claimed were not explicitly preapproved. This letter and approval serves to clarify past approvals and facilitate reimbursement.

As part of a scope of work and costs pre-approved on October 22, 2012, the mechanism for reporting investigation activities at the site was one unit of Cost Schedule Task SIR05, Soil Investigation Report. As field data was collected and work progressed at the site, the breadth of the scope of work expanded to include evaluation of groundwater. A subsequent scope of work and cost approval dated September 19, 2013 included approval of groundwater monitoring, but the reporting mechanism and costs were not formally adjusted at that time to include the groundwater aspect of the reporting. Investigating both soil and groundwater with a closure request is justified, along with approval of Task 23, Activity SGIR05 Soil and Groundwater Investigation Report. It is noted that one unit of Task 5, Activity CR15 GIS Packet Submittal was approved on October 22, 2012 and should be reimbursed when these costs are claimed. A breakdown of Cost Schedule approval adjustments are outlined below.

Deferment Cost Cap Approved: **$4,460.80**

To account for the change, the following actions are being taken:

- 1 unit of Task 23 SGIR05, subtracting report costs reimbursed ($4,728.90 - $1,000.00) $3,728.90
- 1 unit Task 26, Activity SSRCL05 Site Specific RCL Calculations is being approved $ 368.30
- 1 unit Task 36, Activity COR05 for the July 28, 2015 Change Order Request $ 363.60

$4,460.90

- Remaining Task 22 SIR05 authorization is revoked ($3,172.30 - $1,000.00) **($2,172.30)**
  *This Task is replaced by Task 23, SGIR05, above, and will be tracked as a separate submittal entry

Please provide the claim reviewer a copy of this letter along with final invoices using the proper activity codes, etc.

The Department considers the consultant the primary controller of costs during these activities. This approval does not guarantee eligibility of any specific costs that have been incurred or that may be incurred in the future. Final determination regarding the eligibility of costs will be made by the claim reviewer when the entire claim, including all invoices and reports, is submitted for payment.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (920) 893-8524.

Sincerely,

Lee R. Delcore
Hydrogeologist
Remediation and Redevelopment Program

cc: Sean Cranley, Chem-Report, Inc.

SOIL BORING LOG INFORMATION

Facility/Project Name: Park Pioneer (Silver Steel)	License/Permit/Monitoring Number:	Boring Number: DP-1
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Greg Last Name: Kirson Firm: Kirson Environmental Services	Date Drilling Started: 07/25/2012	Date Drilling Completed: 07/25/2012 — Drilling Method: Direct Push
WI Unique Well No.	DNR Well ID No.	Well Name
Final Static Water Level: Feet MSL	Surface Elevation: Feet MSL	Borehole Diameter: 2 inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ State Plane N, E S/C/N	Lat ° ' " Long ° ' "	Local Grid Location: Feet ☐ N ☐ S Feet ☐ E ☐ W
SE 1/4 of NE 1/4 of Section 8, T 3 N, R 22 (E/W)		
Facility ID	County: Racine	County Code: Civil Town/City/ or Village: Racine

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				Gravel and Traffic Bond	Fill									
			1	Clay w/ wood chips, brn dmp, SFt, Some Foundry Sand	Fill									
			2											
			3	Silt w/ Gravel, blk, mst, SFt, strong petro odor, stained, Foundry Sand	Fill			446						
			4											
			5	Clay, grading to silt w/ F. Sand, brn-gry, mst, strong odor.				1585						
			6											
			7					7.0						
			8	Clay w/ silt, brn, mottled, dmp, StF, No od				20						
			9											
			10											
			11											
			12											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] Firm: Chem Report, Inc.

DP-1

Sample: Number and Type	Sample: Length Att. & Recovered (in)	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Soil Properties: Moisture Content	Soil Properties: Liquid Limit	Soil Properties: Plasticity Index	Soil Properties: P 200	RQD/ Comments
				As above				6.8						
			13											
			14											
			15	EOB Water to 10' BLS										

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: Parks Pioneer
County: Racine

SE 1/4 of NE 1/4 of Sec. 8 ; T. 3 N; R. 22 [X] E [ ] W

(If applicable) _____ Gov't Lot _____ Grid Number

Grid Location _____ ft. [ ] N. [ ] S., _____ ft. [ ] E. [ ] W.

Civil Town Name: Racine

Street Address of Well: 1214 Frederick St.

City, Village: Racine

(2) FACILITY NAME

Original Well Owner (If Known): NA

Present Well Owner: Miguel Vegavilla

Street or Route: 1506 Dr Martin Luther King Jr. Dr.

City, State, Zip Code: Racine, WI 5

Facility Well No. and/or Name (If Applicable): DP-1

WI Unique Well No.: _____

Reason For Abandonment: Borehole

Date of Abandonment: 7/25/12

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On (Date) 7/25/12

[ ] Monitoring Well
[ ] Water Well
[ ] Drillhole
[X] Borehole

Construction Report Available? [ ] Yes [X] No

Construction Type:
[ ] Drilled [ ] Driven (Sandpoint) [ ] Dug
[X] Other (Specify) Direct Push

Formation Type:
[X] Unconsolidated Formation [ ] Bedrock

Total Well Depth (ft.) 15 (From groundsurface)
Casing Diameter (in.) _____
Casing Depth (ft.) _____

Lower Drillhole Diameter (in.) 2

Was Well Annular Space Grouted? [ ] Yes [X] No [ ] Unknown
If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) 10'

Pump & Piping Removed? [ ] Yes [ ] No [X] Not Applicable
Liner(s) Removed? [ ] Yes [ ] No [X] Not Applicable
Screen Removed? [ ] Yes [ ] No [X] Not Applicable
Casing Left in Place? [ ] Yes [X] No
If No, Explain Borehole

Was Casing Cut Off Below Surface? [ ] Yes [ ] No
Did Sealing Material Rise to Surface? [X] Yes [ ] No
Did Material Settle After 24 Hours? [ ] Yes [X] No
If Yes, Was Hole Retopped? [ ] Yes [ ] No

(5) Required Method of Placing Sealing Material
[ ] Conductor Pipe-Gravity [ ] Conductor Pipe-Pumped
[ ] Dump Bailer [X] Other (Explain) Gravity

(6) Sealing Materials
[ ] Neat Cement Grout
[ ] Sand-Cement (Concrete) Grout
[ ] Concrete
[ ] Clay-Sand Slurry
[ ] Bentonite-Sand Slurry
[ ] Chipped Bentonite

For monitoring wells and monitoring well boreholes only
[ ] Bentonite Pellets
[X] Granular Bentonite
[ ] Bentonite - Cement Grout

Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Granular bentonite	Surface	15		

Comments:

Name of Person or Firm Doing Sealing Work: Sean Crawley

Signature of Person Doing Work: [signature] Date Signed: 7/25/12

Street or Route: 1515 Washington Rd Telephone Number: (262) 654-7020

City, State, Zip Code

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: Parks Pioneer
County: Racine

SE 1/4 of NE 1/4 of Sec. 8 ; T. 3 N; R. 22 ☒ E ☐ W

(If applicable) Gov't Lot _____ Grid Number _____

Grid Location _____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Civil Town Name: Racine

Street Address of Well: 1214 Frederick St.

City, Village: Racine

(2) FACILITY NAME

Original Well Owner (If Known): NA

Present Well Owner: Miguel Vegvilla

Street or Route: 1506 Dr Martin Luther King Jr. Dr.

City, State, Zip Code: Racine, WI 5

Facility Well No. and/or Name (If Applicable): DP-2

WI Unique Well No.: ----

Reason For Abandonment: Borehole

Date of Abandonment: 7/25/12

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On

(Date) 7/25/12

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☒ Borehole

Construction Report Available? ☐ Yes ☒ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (Specify) Direct Push

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 12 (From groundsurface)
Casing Diameter (in.) ____
Casing Depth (ft.) ____

Lower Drillhole Diameter (in.) 2

Was Well Annular Space Grouted? ☐ Yes ☒ No ☐ Unknown
If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) 3.5

Pump & Piping Removed? ☐ Yes ☐ No ☒ Not Applicable
Liner(s) Removed? ☐ Yes ☐ No ☒ Not Applicable
Screen Removed? ☐ Yes ☐ No ☒ Not Applicable
Casing Left in Place? ☐ Yes ☒ No
If No, Explain: Borehole

Was Casing Cut Off Below Surface? ☐ Yes ☐ No
Did Sealing Material Rise to Surface? ☒ Yes ☐ No
Did Material Settle After 24 Hours? ☐ Yes ☒ No
If Yes, Was Hole Retopped? ☐ Yes ☐ No

(5) Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☒ Other (Explain) Gravity

(6) Sealing Materials — For monitoring wells and monitoring well boreholes only
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☐ Chipped Bentonite
☐ Bentonite Pellets
☒ Granular Bentonite
☐ Bentonite - Cement Grout

Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Granular bentonite	Surface	12		

Comments:

Name of Person or Firm Doing Sealing Work: Sean Crawley

Signature of Person Doing Work: [signature] Date Signed: 7/25/12

Street or Route: 1515 Washington Rd Telephone Number: (262) 654-7020

City, State, Zip Code

SOIL BORING LOG INFORMATION

Facility/Project Name: Park Pioneer (Silver Steel)	License/Permit/Monitoring Number: _ _ _ _ _ _ _ _	Boring Number: DP-2
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Last Name: Firm: Kifson Env. Services	Date Drilling Started: 07/25/2012 (m m / d d / y y y y)	Date Drilling Completed: 07/25/2012 (m m / d d / y y y y) — Drilling Method: Direct Push
WI Unique Well No.: _ _ _ _ _ _ — DNR Well ID No.: _ _ _ — Well Name:	Final Static Water Level: ____ Feet MSL	Surface Elevation: ____ Feet MSL — Borehole Diameter: 2 inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ — State Plane ____ N, ____ E S/C/N	Lat ___ ° ___ ' ___ " — Long ___ ° ___ ' ___ "	Local Grid Location: ____ Feet ☐ N ☐ S — ____ Feet ☐ E ☐ W
SE 1/4 of NE 1/4 of Section 8, T 3 N, R 22 (E/W)		
Facility ID:	County: Racine	County Code: _ _ — Civil Town/City/ or Village: Racine

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				Gravel	Fill									
			1	Clay w/sand and Gravel, some Foundry										
			2	sand, brn/blk, dmp	Fill			2.3						
			3											
			4	silt w/clay grading										
			5	to silt w/ F. Sand, brn,				0.3						
			6	mct, SFt	ml/									
			7		SP									
			8	Clay, gry, wet, V. Stf										
			9		Cl			0						
			10											
			11											
			12	EOB Water rose to 3.5'	BLS									

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] — Firm: ChemReport, Inc.

SOIL BORING LOG INFORMATION

Facility/Project Name: Park Pioneer (Silver Steel)	License/Permit/Monitoring Number:	Boring Number: DP-3
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Last Name: Firm: Kitson Env. Services	Date Drilling Started: 07/25/2012	Date Drilling Completed: 07/25/2012 — Drilling Method: Direct Push
WI Unique Well No.	DNR Well ID No.	Well Name
Final Static Water Level: Feet MSL	Surface Elevation: Feet MSL	Borehole Diameter: 2 inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ State Plane N, E S/C/N	Lat ° ' " Long ° ' "	Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W
SE 1/4 of NE 1/4 of Section 8, T 3 N, R 22 (E/W)		
Facility ID	County: Racine	County Code: Civil Town/City/or Village: Racine

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				Gravel	Fill									
			1	Clay w/gravel, sand, Foundry sand, brn/blk dmp, V. Stf	Fill			11.8						
			2											
			3											
			4	Foundry Sand, Blk	Fill									
				Clay, brn, dmp, stf										
			5		Cl			0.0						
			6											
			7											
				Silt, tan, wet, SFt	Ml									
			8	Clay, brn, dmp, V.stf										
			9					0.2						
			10		Cl									
			11											
			12	EOB										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] Firm: ChemReport, Inc.

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: Parks Pioneer
County: Racine

SE 1/4 of NE 1/4 of Sec. 8 ; T. 3 N; R. 22 [X] E [ ] W
(If applicable) Gov't Lot _____ Grid Number _____

Grid Location _____ ft. [ ] N. [ ] S., _____ ft. [ ] E. [ ] W.

Civil Town Name: Racine

Street Address of Well: 1214 Frederick St.

City, Village: Racine

(2) FACILITY NAME

Original Well Owner (If Known): NA

Present Well Owner: Miguel Vegavilla

Street or Route: 1506 Dr Martin Luther King Jr. Dr.

City, State, Zip Code: Racine, WI 5

Facility Well No. and/or Name (If Applicable): DP-3

WI Unique Well No.: ------

Reason For Abandonment: Borehole

Date of Abandonment: 7/25/12

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On
(Date) 7/25/12

[ ] Monitoring Well
[ ] Water Well
[ ] Drillhole
[X] Borehole

Construction Report Available? [ ] Yes [X] No

Construction Type:
[ ] Drilled [ ] Driven (Sandpoint) [ ] Dug
[X] Other (Specify) Direct Push

Formation Type:
[X] Unconsolidated Formation [ ] Bedrock

Total Well Depth (ft.) 12 (From groundsurface)
Casing Diameter (in.) ____
Casing Depth (ft.) ____

Lower Drillhole Diameter (in.) 2

Was Well Annular Space Grouted? [ ] Yes [X] No [ ] Unknown
If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) 7

Pump & Piping Removed? [ ] Yes [ ] No [X] Not Applicable
Liner(s) Removed? [ ] Yes [ ] No [X] Not Applicable
Screen Removed? [ ] Yes [ ] No [X] Not Applicable
Casing Left in Place? [ ] Yes [X] No
If No, Explain: Borehole

Was Casing Cut Off Below Surface? [ ] Yes [ ] No
Did Sealing Material Rise to Surface? [X] Yes [ ] No
Did Material Settle After 24 Hours? [ ] Yes [X] No
If Yes, Was Hole Retopped? [ ] Yes [ ] No

(5) Required Method of Placing Sealing Material
[ ] Conductor Pipe-Gravity [ ] Conductor Pipe-Pumped
[ ] Dump Bailer [X] Other (Explain) Gravity

(6) Sealing Materials
[ ] Neat Cement Grout
[ ] Sand-Cement (Concrete) Grout
[ ] Concrete
[ ] Clay-Sand Slurry
[ ] Bentonite-Sand Slurry
[ ] Chipped Bentonite

For monitoring wells and monitoring well boreholes only
[ ] Bentonite Pellets
[X] Granular Bentonite
[ ] Bentonite - Cement Grout

Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Granular bentonite	Surface	12		

Comments:

Name of Person or Firm Doing Sealing Work: Sean Crawley

Signature of Person Doing Work: [signature] Date Signed: 7/25/12

Street or Route: 515 Washington Rd Telephone Number: (262) 654-7020

City, State, Zip Code:

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: Parks Pioneer
County: Racine

SE 1/4 of NE 1/4 of Sec. 8 ; T. 3 N; R. 22 ☒ E ☐ W
(If applicable) Gov't Lot _____ Grid Number _____

Grid Location _____ ft. ☐ N. ☐ S., _____ ft. ☐ E. ☐ W.

Civil Town Name: Racine

Street Address of Well: 1214 Frederick St.

City, Village: Racine

(2) FACILITY NAME

Original Well Owner (If Known): NA

Present Well Owner: Miguel Vegvilla

Street or Route: 1506 Dr Martin Luther King Jr. Dr.

City, State, Zip Code: Racine, WI 5

Facility Well No. and/or Name (If Applicable): DP-4

WI Unique Well No.: _____

Reason For Abandonment: Borehole

Date of Abandonment: 7/25/12

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On
(Date) 7/25/12

☐ Monitoring Well
☐ Water Well
☐ Drillhole
☒ Borehole

Construction Report Available? ☐ Yes ☒ No

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (Specify) Direct Push

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total Well Depth (ft.) 12 (From groundsurface)
Casing Diameter (in.) ____
Casing Depth (ft.) ____

Lower Drillhole Diameter (in.) 2

Was Well Annular Space Grouted? ☐ Yes ☒ No ☐ Unknown
If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) 6

Pump & Piping Removed? ☐ Yes ☐ No ☒ Not Applicable
Liner(s) Removed? ☐ Yes ☐ No ☒ Not Applicable
Screen Removed? ☐ Yes ☐ No ☒ Not Applicable
Casing Left in Place? ☐ Yes ☒ No
If No, Explain: Borehole

Was Casing Cut Off Below Surface? ☐ Yes ☐ No
Did Sealing Material Rise to Surface? ☒ Yes ☐ No
Did Material Settle After 24 Hours? ☐ Yes ☒ No
If Yes, Was Hole Retopped? ☐ Yes ☐ No

(5) Required Method of Placing Sealing Material
☐ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Dump Bailer ☒ Other (Explain) Gravity

(6) Sealing Materials
☐ Neat Cement Grout
☐ Sand-Cement (Concrete) Grout
☐ Concrete
☐ Clay-Sand Slurry
☐ Bentonite-Sand Slurry
☐ Chipped Bentonite

For monitoring wells and monitoring well boreholes only
☐ Bentonite Pellets
☒ Granular Bentonite
☐ Bentonite - Cement Grout

Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Granular bentonite	Surface	12		

Comments: _____

Name of Person or Firm Doing Sealing Work: Sean Crawley

Signature of Person Doing Work: [signature] Date Signed: 7/25/12

Street or Route: 1515 Washington Rd Telephone Number: (262) 654-7020

City, State, Zip Code

SOIL BORING LOG INFORMATION

Facility/Project Name: Park Pioneer (Silver Steel)	License/Permit/Monitoring Number:	Boring Number: DP-4	
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Last Name: Firm:	Date Drilling Started: 07/25/2012	Date Drilling Completed: 07/25/2012	Drilling Method: Direct Push
WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level: Feet MSL
Surface Elevation: Feet MSL	Borehole Diameter: 2 inches		
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ State Plane N, E S/C/N	Lat ° ' " Long ° ' "	Local Grid Location ☐ N ☐ E Feet ☐ S Feet ☐ W	
SE 1/4 of NE 1/4 of Section 8, T 3 N, R 22 (E/W)			
Facility ID	County: Racine	County Code	Civil Town/City/or Village: Racine

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				Gravel	Fill									
			1	Clay, Gravel, Sand, brn	Fill									
				F. Sand, tan, dmp	Fill									
			2	Clay w/ brick fragments Dk, brn, dmp, stf	Fill			0						
			3											
			4											
			5	2' recovery Silt w/ F. Sand, blk wet, slight petro odor				70.2						
			6		M									
			7											
			8											
			9	Clay, brn, dmp, V. stf										
			10					0						
			11											
			12	EOB										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] Firm: Chem Report, Inc.

SOIL BORING LOG INFORMATION

Facility/Project Name: Park Pioneer (Silver Steel)	License/Permit/Monitoring Number:	Boring Number: DP-5
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Last Name: Firm: Kifson Env. Services	Date Drilling Started: 07/25/2012	Date Drilling Completed: 07/25/2012 — Drilling Method: Direct Push
WI Unique Well No.	DNR Well ID No.	Well Name
Final Static Water Level: Feet MSL	Surface Elevation: Feet MSL	Borehole Diameter: 2 inches
Local Grid Origin ☐ (estimated: ☐) or Boring Location ☐ — State Plane N, E S/C/N	Lat ° ' " Long ° ' "	Local Grid Location: Feet ☐ N ☐ S Feet ☐ E ☐ W
SE 1/4 of NE 1/4 of Section 8, T 3 N, R 22 E/W		
Facility ID	County: Racine	County Code: Civil Town/City/or Village: Racine

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
				Gravel	Fill									
			1	Clay and sand, brn, dmp, stf	Fill									
			2											
			3	Clay w/silt, blk, mst, sft, strong odor	CI			131						
			4		ML									
			5	Clay w/silt, brn, dmp, stf										
			6					0.6						
			7											
			8	As above										
			9											
			10					0						
			11											
			12	EOB										

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] Firm: ChemReport, Inc.

WELL/DRILLHOLE/BOREHOLE ABANDONMENT

(1) GENERAL INFORMATION

Well/Drillhole/Borehole Location: Parks Pioneer
County: Racine

SE 1/4 of NE 1/4 of Sec. 8 ; T. 3 N; R. 22 [X] E [ ] W

(If applicable) _____ Gov't Lot _____ Grid Number

Grid Location _____ ft. [ ] N. [ ] S., _____ ft. [ ] E. [ ] W.

Civil Town Name: Racine

Street Address of Well: 1214 Frederick St.

City, Village: Racine

(2) FACILITY NAME

Original Well Owner (If Known): NA

Present Well Owner: Miguel Vegvilla

Street or Route: 1506 Dr Martin Luther King Jr. Dr.

City, State, Zip Code: Racine, WI 5

Facility Well No. and/or Name (If Applicable): DP-5

WI Unique Well No.: _____

Reason For Abandonment: Borehole

Date of Abandonment: 7/25/12

WELL/DRILLHOLE/BOREHOLE INFORMATION

(3) Original Well/Drillhole/Borehole Construction Completed On (Date) 7/25/12

[ ] Monitoring Well
[ ] Water Well
[ ] Drillhole
[X] Borehole

Construction Report Available? [ ] Yes [X] No

Construction Type:
[ ] Drilled [ ] Driven (Sandpoint) [ ] Dug
[X] Other (Specify) Direct Push

Formation Type:
[X] Unconsolidated Formation [ ] Bedrock

Total Well Depth (ft.) 12 (From groundsurface)
Casing Diameter (in.) _____
Casing Depth (ft.) _____

Lower Drillhole Diameter (in.) 2

Was Well Annular Space Grouted? [ ] Yes [X] No [ ] Unknown
If Yes, To What Depth? _____ Feet

(4) Depth to Water (Feet) NA

Pump & Piping Removed? [ ] Yes [ ] No [X] Not Applicable
Liner(s) Removed? [ ] Yes [ ] No [X] Not Applicable
Screen Removed? [ ] Yes [ ] No [X] Not Applicable
Casing Left in Place? [ ] Yes [X] No
If No, Explain: Borehole

Was Casing Cut Off Below Surface? [ ] Yes [ ] No
Did Sealing Material Rise to Surface? [X] Yes [ ] No
Did Material Settle After 24 Hours? [ ] Yes [X] No
If Yes, Was Hole Retopped? [ ] Yes [ ] No

(5) Required Method of Placing Sealing Material
[ ] Conductor Pipe-Gravity [ ] Conductor Pipe-Pumped
[ ] Dump Bailer [X] Other (Explain) Gravity

(6) Sealing Materials
[ ] Neat Cement Grout
[ ] Sand-Cement (Concrete) Grout
[ ] Concrete
[ ] Clay-Sand Slurry
[ ] Bentonite-Sand Slurry
[ ] Chipped Bentonite

For monitoring wells and monitoring well boreholes only
[ ] Bentonite Pellets
[X] Granular Bentonite
[ ] Bentonite - Cement Grout

Material Used To Fill Well/Drillhole	From (Ft.)	To (Ft.)	No. Yards, Sacks Sealant or Volume (Circle One)	Mix Ratio or Mud Weight
Granular bentonite	Surface	12		

Comments: _____

Name of Person or Firm Doing Sealing Work: Sean Cranley

Signature of Person Doing Work: [signature] Date Signed: 7/25/12

Street or Route: 1515 Washington Rd Telephone Number: (262) 654-7020

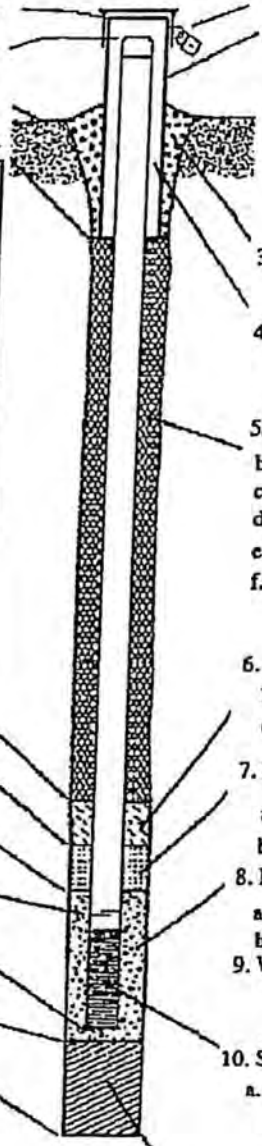
City, State, Zip Code

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Parks Pioneer (SS)	Local Grid Location of Well: _____ ft. ☐N. ☐S. _____ ft. ☐E. ☐W.	Well Name: MW-1
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ___ ° ___ ' ___ " Long. ___ ° ___ ' ___ " or	Wis. Unique Well No. _____ / DNR Well ID No. _____
Facility ID _____	St. Plane _____ ft. N, _____ ft. E. S/C/N	Date Well Installed 1/29/2012 (m m d d y y y y)
Type of Well / Well Code 1	Section Location of Waste/Source: SE 1/4 of NE 1/4 of Sec. 8, T. 3 N, R. 22 ☒E ☐W	Well Installed By: Name (first, last) and Firm: Midwest Eng.
Distance from Waste/Source _____ ft. / Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient, s ☐ Sidegradient, d ☐ Downgradient, n ☐ Not Known	Gov. Lot Number _____



A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ 1.0 ft. MSL or _____ ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☒ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ☒ 41; Other ☐ _____

15. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None ☐ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required): _____

E. Bentonite seal, top _____ ft. MSL or _____ 1.0 ft.

F. Fine sand, top _____ ft. MSL or _____ 2.0 ft.

G. Filter pack, top _____ ft. MSL or _____ 3.0 ft.

H. Screen joint, top _____ ft. MSL or _____ 4.0 ft.

I. Well bottom _____ ft. MSL or _____ 14.0 ft.

J. Filter pack, bottom _____ ft. MSL or _____ 15.0 ft.

K. Borehole, bottom _____ ft. MSL or _____ 15.0 ft.

L. Borehole, diameter 8.0 in.

M. O.D. well casing 2.0 in.

N. I.D. well casing 1.9 in.

1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 1.0 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04; Other ☐ _____
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30; Concrete ☒ 01; Other ☐ _____

4. Material between well casing and protective pipe: Bentonite ☒ 30; Other ☐ _____

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. _____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ☐ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☒ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ _____

7. Fine sand material: Manufacturer, product name & mesh size
a. Silica Sand
b. Volume added 2.0 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. Flint Sand
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐ _____

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11; Continuous slot ☐ 01; Other ☐ _____
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☒ 14; Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Sean Anderson | Firm: Chem Report, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
Parks Pioneer (Silver Steel)	Racine	MW-1

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method
   - surged with bailer and bailed ☐ 41
   - surged with bailer and pumped ☐ 61
   - surged with block and bailed ☐ 42
   - surged with block and pumped ☐ 62
   - surged with block, bailed and pumped ☐ 70
   - compressed air ☐ 20
   - bailed only ☒ 10
   - pumped only ☐ 51
   - pumped slowly ☐ 50
   - Other _____ ☐

3. Time spent developing well 15 min.

4. Depth of well (from top of well casisng) 14.5 ft.

5. Inside diameter of well 1.9 in.

6. Volume of water in filter pack and well casing 7.6 gal.

7. Volume of water removed from well 8.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added NA

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 4.32 ft.	Dry ft.
Date	b. 12/05/2012 (m m d d y y y y)	12/05/2012 (m m d d y y y y)
Time	c. 8:15 ☒ a.m. ☐ p.m.	8:30 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	0.0 inches	0.0 inches
13. Water clarity	Clear ☒ 10 Turbid ☐ 15 (Describe)	Clear ☐ 20 Turbid ☒ 25 (Describe)

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids ____.__ mg/l ____.__ mg/l

15. COD ____.__ mg/l ____.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Sean Last Name: Cranley
Firm: ChemReport, Inc.

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Miguel Last Name: Vegvilla
Facility/Firm: _____
Street: 1506 Dr Martin Luther King Jr Dr
City/State/Zip: Racine, WI 53404

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: [signature]
Print Name: Sean Cranley
Firm: ChemReport, Inc.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Parks Pioneer (SS)	Local Grid Location of Well: ____ ft. ☐N. ☐S. ____ ft. ☐E. ☐W.	Well Name: MW-2
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ___ ° ___ ' ___ " Long. ___ ° ___ ' ___ " or	Wis. Unique Well No. ____ / DNR Well ID No. ____
Facility ID ____	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed 11/29/2012 (m m d d y y y y)
Type of Well — Well Code 1	Section Location of Waste/Source: SE 1/4 of NE 1/4 of Sec. 8 T. 3 N, R. 22 ☒E ☐W	Well Installed By: Name (first, last) and Firm
Distance from Waste/Source ____ ft. — Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known — Gov. Lot Number ____	Midwest Eng.

A. Protective pipe, top elevation ____ ft. MSL

B. Well casing, top elevation ____ ft. MSL

C. Land surface elevation ____ ft. MSL

D. Surface seal, bottom ____ 1.0 ft. MSL or ____ ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☒ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ☒ 41; Other ☐ ____

15. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None ☐ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe ____

17. Source of water (attach analysis, if required): ____

E. Bentonite seal, top ____ ft. MSL or ____ 1.0 ft.

F. Fine sand, top ____ ft. MSL or ____ 2.0 ft.

G. Filter pack, top ____ ft. MSL or ____ 3.0 ft.

H. Screen joint, top ____ ft. MSL or ____ 4.0 ft.

I. Well bottom ____ ft. MSL or ____ 14.0 ft.

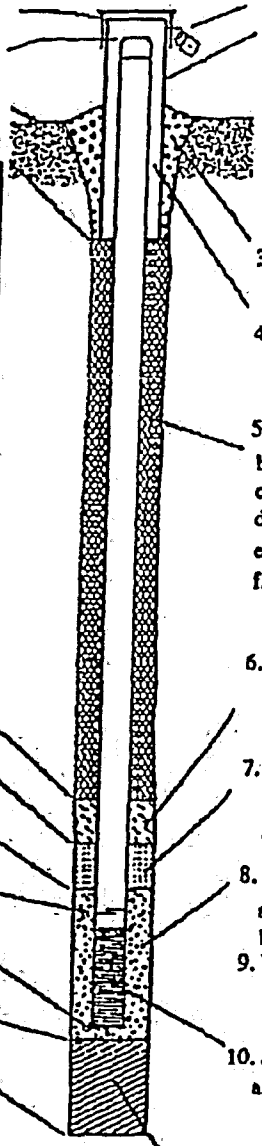
J. Filter pack, bottom ____ ft. MSL or ____ 15.0 ft.

K. Borehole, bottom ____ ft. MSL or ____ 15.0 ft.

L. Borehole, diameter ____ 8.0 in.

M. O.D. well casing ____ 2.0 in.

N. I.D. well casing ____ 1.9 in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: ____ 10 in.
b. Length: ____ 1 ft.
c. Material: Steel ☒ 04; Other ☐ ____
d. Additional protection? ☐ Yes ☒ No
If yes, describe: ____

3. Surface seal: Bentonite ☐ 30; Concrete ☒ 01; Other ☐ ____

4. Material between well casing and protective pipe: Bentonite ☒ 30; Other ☐ ____

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. ____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ☐ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☒ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. ____ Other ☐ ____

7. Fine sand material: Manufacturer, product name & mesh size
a. Silica Sand
b. Volume added 2.0 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. Flint Sand
b. Volume added ____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐ ____

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11; Continuous slot ☐ 01; Other ☐ ____
b. Manufacturer ____
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☒ 14; Other ☐ ____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] | Firm: Chem Report, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
Parks Pioneer (Silver Steel)	Racine	MW-2

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number
	__	_____	___

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method
   - surged with bailer and bailed ☐ 41
   - surged with bailer and pumped ☐ 61
   - surged with block and bailed ☐ 42
   - surged with block and pumped ☐ 62
   - surged with block, bailed and pumped ☐ 70
   - compressed air ☐ 20
   - bailed only ☒ 10
   - pumped only ☐ 51
   - pumped slowly ☐ 50
   - Other _____ ☐ ___

3. Time spent developing well __15 min.

4. Depth of well (from top of well casing) __14.4 ft.

5. Inside diameter of well __1.9 in.

6. Volume of water in filter pack and well casing __7.7 gal.

7. Volume of water removed from well __8.0 gal.

8. Volume of water added (if any) __0.0 gal.

9. Source of water added NA

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. __3.76 ft.	__Dry ft.
Date	b. 12/05/2012 (mm dd yyyy)	12/05/2012 (mm dd yyyy)
Time	c. 8:35 ☒ a.m. ☐ p.m.	8:50 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	__0.0 inches	__0.0 inches
13. Water clarity	Clear ☒ 10 Turbid ☐ 15 (Describe)	Clear ☐ 20 Turbid ☒ 25 (Describe)

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Sean Last Name: Cranley
Firm: ChemReport, Inc.

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Miguel Last Name: Vegvilla
Facility/Firm: _____
Street: 1506 Dr Martin Luther King Jr Dr
City/State/Zip: Racine, WI 53404

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: [signature]
Print Name: Sean Cranley
Firm: ChemReport, Inc.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Parks Pioneer (SS)	Local Grid Location of Well: ____ ft. ☐N. ☐S. ____ ft. ☐E. ☐W.	Well Name: MW-3
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ___ ° ___ ' ___ " Long. ___ ° ___ ' ___ " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane ____ ft. N. ____ ft. E. S/C/N	Date Well Installed: 11/29/2012 (m m d d y y y y)
Type of Well: Well Code 1	Section Location of Waste/Source: SE 1/4 of NE 1/4 of Sec. 8 T. 3 N. R. 22 ☒E. ☐W.	Well Installed By: Name (first, last) and Firm: Midwest Enr.
Distance from Waste/Source ____ ft. Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known; Gov. Lot Number ____	

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom 1.0 ft. MSL or ____ ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☒ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ☒ 41; Other ☐ ____

15. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None ☐ 99

16. Drilling additives used? ☐ Yes ☒ No

Describe _____

17. Source of water (attach analysis, if required):

E. Bentonite seal, top _____ ft. MSL or 1.0 ft.

F. Fine sand, top _____ ft. MSL or 5.5 ft.

G. Filter pack, top _____ ft. MSL or 6.5 ft.

H. Screen joint, top _____ ft. MSL or 7.5 ft.

I. Well bottom _____ ft. MSL or 17.5 ft.

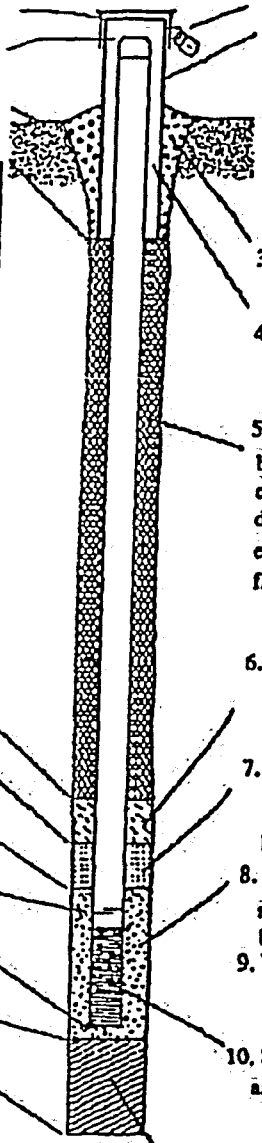
J. Filter pack, bottom _____ ft. MSL or 18.0 ft.

K. Borehole, bottom _____ ft. MSL or 18.0 ft.

L. Borehole, diameter 8.0 in.

M. O.D. well casing 2.0 in.

N. I.D. well casing 1.9 in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 10 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04; Other ☐ ____
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30; Concrete ☒ 01; Other ☐ ____

4. Material between well casing and protective pipe: Bentonite ☒ 30; Other ☐ ____

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. ____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. ____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. ____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ☐ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☒ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ ____

7. Fine sand material: Manufacturer, product name & mesh size
a. Silica Sand
b. Volume added 2.0 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. Flint Sand
b. Volume added ____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐ ____

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11; Continuous slot ☐ 01; Other ☐ ____
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☒ 14; Other ☐ ____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] Firm: Chem Report, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
Parks Pioneer (Silver Steel)	Racine	MW-3

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method
   - surged with bailer and bailed ☐ 41
   - surged with bailer and pumped ☐ 61
   - surged with block and bailed ☐ 42
   - surged with block and pumped ☐ 62
   - surged with block, bailed and pumped ☐ 70
   - compressed air ☐ 20
   - bailed only ☒ 10
   - pumped only ☐ 51
   - pumped slowly ☐ 50
   - Other _____ ☐

3. Time spent developing well 15 min.

4. Depth of well (from top of well casisng) 17.0 ft.

5. Inside diameter of well 1.9 in.

6. Volume of water in filter pack and well casing 6.7 gal.

7. Volume of water removed from well 7.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added NA

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 8.22 ft.	D.Ry ft.
Date	b. 12/05/2012 (m m d d y y y y)	12/05/2012 (m m d d y y y y)
Time	c. 9:00 ☒ a.m. ☐ p.m.	9:15 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	0.0 inches	0.0 inches
13. Water clarity	Clear ☒ 10 Turbid ☐ 15 (Describe)	Clear ☐ 20 Turbid ☒ 25 (Describe)

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Sean Last Name: Cranley
Firm: ChemReport, Inc.

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Miguel Last Name: Vegvilla
Facility/Firm: _____
Street: 1506 Dr Martin Luther King Jr Dr
City/State/Zip: Racine, WI 53404

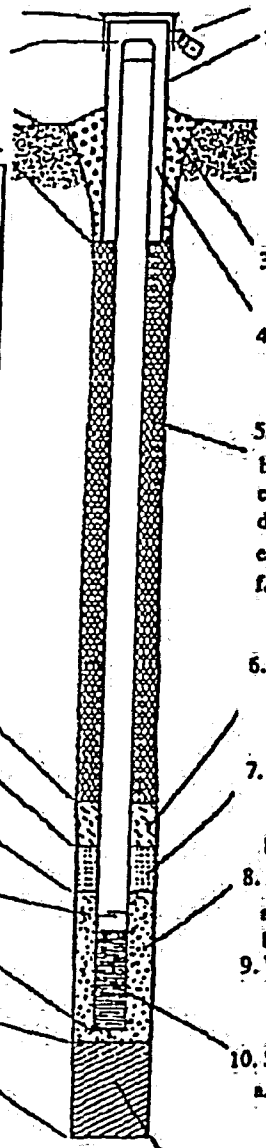
I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: [signature]
Print Name: Sean Cranley
Firm: Chem Report, Inc.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Parks Pioneer (SS)	Local Grid Location of Well: ____ ft. ☐N. ☐S. ____ ft. ☐E. ☐W.	Well Name: MW-4
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ___ ° ___ ' ___ " Long. ___ ° ___ ' ___ " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed: 11/29/2012 (m m d d y y y y)
Type of Well — Well Code ___/___	Section Location of Waste/Source: SE 1/4 of NE 1/4 of Sec. 8 T. 3 N, R. 22 ☐E ☐W	Well Installed By: Name (first, last) and Firm: Midwest Enc.
Distance from Waste/Source ____ ft. — Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number: ____



A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ 1.0 ft. MSL or _____ ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☒ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ☒ 41; Other ☐ ____

15. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None ☐ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):

E. Bentonite seal, top _____ ft. MSL or _____ 6.0 ft.

F. Fine sand, top _____ ft. MSL or _____ 3.0 ft.

G. Filter pack, top _____ ft. MSL or _____ 4.0 ft.

H. Screen joint, top _____ ft. MSL or _____ 5.0 ft.

I. Well bottom _____ ft. MSL or _____ 15.0 ft.

J. Filter pack, bottom _____ ft. MSL or _____ 16.0 ft.

K. Borehole, bottom _____ ft. MSL or _____ 16.0 ft.

L. Borehole, diameter 8.0 in.

M. O.D. well casing 2.0 in.

N. I.D. well casing 1.9 in.

1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 10 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04; Other ☐ ____
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30; Concrete ☒ 01; Other ☐ ____

4. Material between well casing and protective pipe: Bentonite ☒ 30; Other ☐ ____

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. ____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. ____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. ____ ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ☐ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☒ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. ____ Other ☐ ____

7. Fine sand material: Manufacturer, product name & mesh size
a. Silica Sand
b. Volume added 2.0 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. Flint Sand
b. Volume added ____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23; Flush threaded PVC schedule 80 ☐ 24; Other ☐ ____

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11; Continuous slot ☐ 01; Other ☐ ____
b. Manufacturer ____
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☒ 14; Other ☐ ____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] Firm: Chem Report, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
Parks Pioneer (Silver Steel)	Racine	MW-4

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method
   - surged with bailer and bailed ☐ 41
   - surged with bailer and pumped ☐ 61
   - surged with block and bailed ☐ 42
   - surged with block and pumped ☐ 62
   - surged with block, bailed and pumped ☐ 70
   - compressed air ☐ 20
   - bailed only ☒ 10
   - pumped only ☐ 51
   - pumped slowly ☐ 50
   - Other _____ ☐

3. Time spent developing well 25 min.

4. Depth of well (from top of well casing) 14.5 ft.

5. Inside diameter of well 1.9 in.

6. Volume of water in filter pack and well casing 7.8 gal.

7. Volume of water removed from well 11.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added NA

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 3.64 ft.	0.cy ft.
Date	b. 12/05/2012 (m m d d y y y y)	12/05/2012 (m m d d y y y y)
Time	c. 9:25 ☒ a.m. ☐ p.m.	9:50 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	0.0 inches	0.0 inches
13. Water clarity	Clear ☒ 10 / Turbid ☐ 15 (Describe)	Clear ☐ 20 / Turbid ☒ 25 (Describe)

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Sean Last Name: Cranley
Firm: ChemReport, Inc.

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Miguel Last Name: Vegvilla
Facility/Firm: _____
Street: 1506 Dr Martin Luther King Jr Dr
City/State/Zip: Racine, WI 53404

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: [signature]
Print Name: Sean Cranley
Firm: ChemReport, Inc.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Parks Pioneer (SS)	Local Grid Location of Well: ____ ft. ☐N. ☐S. ____ ft. ☐E. ☐W.	Well Name: MW-5
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ___ ° ___ ' ___ " Long. ___ ° ___ ' ___ " or	Wis. Unique Well No. / DNR Well ID No.
Facility ID	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed: 11 29 2012 (m m d d y y y y)
Type of Well: Well Code 1	Section Location of Waste/Source: SE 1/4 of NE 1/4 of Sec. 8 T. 3 N. R. 22 ☒E ☐W	Well Installed By: Name (first, last) and Firm: Midwest Eng.
Distance from Waste/Source ____ ft. Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number

A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom _____ 1.0 ft. MSL or _____ ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☒ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50 Hollow Stem Auger ☒ 41 Other ☐

15. Drilling fluid used: Water ☐ 02 Air ☐ 01 Drilling Mud ☐ 03 None ☐ 99

16. Drilling additives used? ☐ Yes ☒ No

Describe _____

17. Source of water (attach analysis, if required):

E. Bentonite seal, top _____ ft. MSL or _____ 1.0 ft.

F. Fine sand, top _____ ft. MSL or _____ 2.0 ft.

G. Filter pack, top _____ ft. MSL or _____ 4.0 ft.

H. Screen joint, top _____ ft. MSL or _____ 5.0 ft.

I. Well bottom _____ ft. MSL or _____ 15.0 ft.

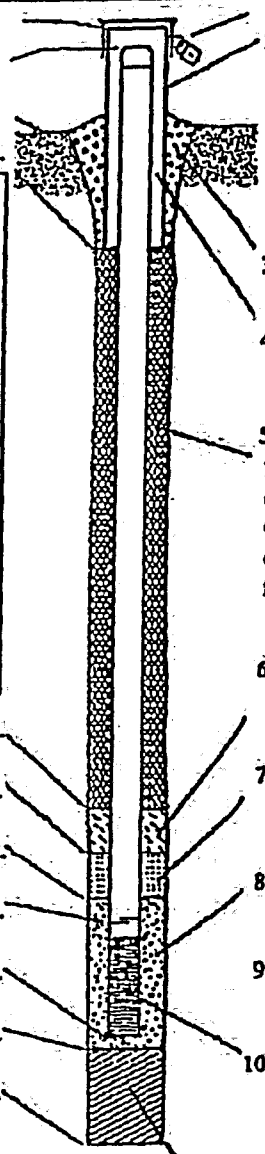
J. Filter pack, bottom _____ ft. MSL or _____ 16.0 ft.

K. Borehole, bottom _____ ft. MSL or _____ 16.0 ft.

L. Borehole, diameter _____ 8.0 in.

M. O.D. well casing _____ 2.0 in.

N. I.D. well casing _____ 1.9 in.



1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: 10 in.
b. Length: 1 ft.
c. Material: Steel ☒ 04 Other ☐
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30 Concrete ☒ 01 Other ☐

4. Material between well casing and protective pipe: Bentonite ☒ 30 Other ☐

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. ____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. ____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. ____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☐ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☒ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐

7. Fine sand material: Manufacturer, product name & mesh size
a. Silica Sand
b. Volume added 2.0 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. Flint Sand
b. Volume added _____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23 Flush threaded PVC schedule 80 ☐ 24 Other ☐

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 Continuous slot ☐ 01 Other ☐
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: 10 ft.

11. Backfill material (below filter pack): None ☒ 14 Other ☐

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] Firm: Chem Report, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
Parks Pioneer (Silver Steel)	Racine	MW-5

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method
   - surged with bailer and bailed ☐ 41
   - surged with bailer and pumped ☐ 61
   - surged with block and bailed ☐ 42
   - surged with block and pumped ☐ 62
   - surged with block, bailed and pumped ☐ 70
   - compressed air ☐ 20
   - bailed only ☒ 10
   - pumped only ☐ 51
   - pumped slowly ☐ 50
   - Other _____ ☐

3. Time spent developing well 15 min.

4. Depth of well (from top of well casing) 14.6 ft.

5. Inside diameter of well 1.9 in.

6. Volume of water in filter pack and well casing 7.7 gal.

7. Volume of water removed from well 8.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added NA

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing) a.	4.13 ft.	D.C.Y ft.
Date b. (mm dd yyyy)	12/05/2012	12/05/2012
Time c.	10:00 ☒ a.m. ☐ p.m.	10:15 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	0.0 inches	0.0 inches
13. Water clarity	Clear ☒ 10 / Turbid ☐ 15 (Describe)	Clear ☐ 20 / Turbid ☒ 25 (Describe)

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Sean Last Name: Cranley
Firm: ChemReport, Inc.

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Miguel Last Name: Vegvilla
Facility/Firm: _____
Street: 1506 Dr. Martin Luther King Jr. Dr.
City/State/Zip: Racine, WI 53404

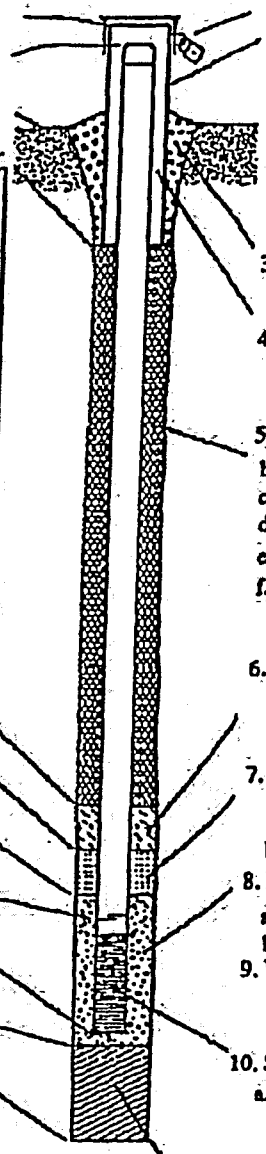
I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: [signature]
Print Name: Sean Cranley
Firm: ChemReport, Inc.

State of Wisconsin
Department of Natural Resources

Route to: Watershed/Wastewater ☐ Waste Management ☐ Remediation/Redevelopment ☐ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 7-98

Facility/Project Name: Parks Pioneer (SS)	Local Grid Location of Well: ____ ft. ☐N. ☐S. ____ ft. ☐E. ☐W.	Well Name: MW-6
Facility License, Permit or Monitoring No.	Local Grid Origin ☐ (estimated: ☐) or Well Location ☐ Lat. ___ ° ___ ' ___ " Long. ___ ° ___ ' ___ " or	Wis. Unique Well No. ____ / DNR Well ID No. ____
Facility ID ____	St. Plane ____ ft. N, ____ ft. E. S/C/N	Date Well Installed: 11/29/2012 (m m d d y y y y)
Type of Well: Well Code ____ / ____	Section Location of Waste/Source: SE 1/4 of NE 1/4 of Sec. 8 T. 3 N, R. 22 ☒E ☐W	Well Installed By: Name (first, last) and Firm: Midwest Enc.
Distance from Waste/Source ____ ft. Enf. Stds. Apply ☐	Location of Well Relative to Waste/Source: u ☐ Upgradient s ☐ Sidegradient d ☐ Downgradient n ☐ Not Known	Gov. Lot Number ____



A. Protective pipe, top elevation _____ ft. MSL

B. Well casing, top elevation _____ ft. MSL

C. Land surface elevation _____ ft. MSL

D. Surface seal, bottom ____ 1.0 ft. MSL or ____ ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☒ MH ☐ CL ☒ CH ☐
Bedrock ☐

13. Sieve analysis performed? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☒ 41
Other ☐ ____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☐ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe _____

17. Source of water (attach analysis, if required):

E. Bentonite seal, top _____ ft. MSL or ____ 1.0 ft.

F. Fine sand, top _____ ft. MSL or ____ 4.0 ft.

G. Filter pack, top _____ ft. MSL or ____ 5.0 ft.

H. Screen joint, top _____ ft. MSL or ____ 6.0 ft.

I. Well bottom _____ ft. MSL or ____ 16.0 ft.

J. Filter pack, bottom _____ ft. MSL or ____ 16.0 ft.

K. Borehole, bottom _____ ft. MSL or ____ 16.0 ft.

L. Borehole, diameter ____ 8.0 in.

M. O.D. well casing ____ 2.0 in.

N. I.D. well casing ____ 1.9 in.

1. Cap and lock? ☒ Yes ☐ No

2. Protective cover pipe:
a. Inside diameter: ____ 1.0 in.
b. Length: ____ 1 ft.
c. Material: Steel ☒ 04
Other ☐ ____
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____

3. Surface seal: Bentonite ☐ 30
Concrete ☒ 01
Other ☐ ____

4. Material between well casing and protective pipe:
Bentonite ☒ 30
Other ☐ ____

5. Annular space seal: a. Granular/Chipped Bentonite ☒ 33
b. ____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. ____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. ____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. ____ Ft^3 volume added for any of the above
f. How installed: Tremie ☐ 01
Tremie pumped ☐ 02
Gravity ☐ 08

6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☒ 1/4 in. ☐ 3/8 in. ☐ 1/2 in. Bentonite chips ☐ 32
c. _____ Other ☐ ____

7. Fine sand material: Manufacturer, product name & mesh size
a. Silica Sand
b. Volume added 2.0 ft^3

8. Filter pack material: Manufacturer, product name & mesh size
a. Flint Sand
b. Volume added ____ ft^3

9. Well casing: Flush threaded PVC schedule 40 ☒ 23
Flush threaded PVC schedule 80 ☐ 24
Other ☐ ____

10. Screen material: PVC
a. Screen type: Factory cut ☒ 11
Continuous slot ☐ 01
Other ☐ ____
b. Manufacturer _____
c. Slot size: 0.010 in.
d. Slotted length: ____ 10 ft.

11. Backfill material (below filter pack): None ☒ 14
Other ☐ ____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Sam [illegible] | Firm: Chem Report, Inc.

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats., failure to file these forms may result in a forfeiture of between $10 and $25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
Parks Pioneer (Silver Steel)	Racine	MW-6

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method
   - surged with bailer and bailed ☐ 41
   - surged with bailer and pumped ☐ 61
   - surged with block and bailed ☐ 42
   - surged with block and pumped ☐ 62
   - surged with block, bailed and pumped ☐ 70
   - compressed air ☐ 20
   - bailed only ☒ 10
   - pumped only ☐ 51
   - pumped slowly ☐ 50
   - Other _____ ☐

3. Time spent developing well 0 min.

4. Depth of well (from top of well casing) 15.5 ft.

5. Inside diameter of well 1.9 in.

6. Volume of water in filter pack and well casing 0.0 gal.

7. Volume of water removed from well 0.0 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added NA

10. Analysis performed on water added? (If yes, attach results) ☐ Yes ☐ No

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. Dry ft.	Dry ft.
Date	b. 12/05/2012 (mm dd yyyy)	12/05/2012 (mm dd yyyy)
Time	c. 10:30 ☒ a.m. ☐ p.m.	10:30 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	0.0 inches	0.0 inches
13. Water clarity	Clear ☒ 10 Turbid ☐ 15 (Describe)	Clear ☐ 20 Turbid ☒ 25 (Describe)

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Sean Last Name: Crawley
Firm: ChemReport, Inc.

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Miguel Last Name: Vegvilla
Facility/Firm: _____
Street: 1506 Dr Martin Luther King Jr Dr
City/State/Zip: Racine, WI 53404

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: [signature]
Print Name: Sean Crawley
Firm: ChemReport, Inc.

NOTE: See instructions for more information including a list of county codes and well type codes.

State of Wisconsin
Department of Natural Resources

MONITORING WELL DEVELOPMENT

Form 4400-113B Rev. 7-98

Route to: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Redevelopment ☐ Other ☐ _____

Facility/Project Name	County Name	Well Name
Parks Pioneer (Silver Steel)	Racine	MW-6

Facility License, Permit or Monitoring Number	County Code	Wis. Unique Well Number	DNR Well ID Number

1. Can this well be purged dry? ☒ Yes ☐ No

2. Well development method
   - surged with bailer and bailed ☐ 41
   - surged with bailer and pumped ☐ 61
   - surged with block and bailed ☐ 42
   - surged with block and pumped ☐ 62
   - surged with block, bailed and pumped ☐ 70
   - compressed air ☐ 20
   - bailed only ☒ 10
   - pumped only ☐ 51
   - pumped slowly ☐ 50
   - Other _____ ☐

3. Time spent developing well 15 min.

4. Depth of well (from top of well casisng) 15.5 ft.

5. Inside diameter of well 1.9 in.

6. Volume of water in filter pack and well casing 7.8 gal.

7. Volume of water removed from well 9.5 gal.

8. Volume of water added (if any) 0.0 gal.

9. Source of water added NA

10. Analysis performed on water added? ☐ Yes ☐ No
(If yes, attach results)

	Before Development	After Development
11. Depth to Water (from top of well casing)	a. 4.35 ft.	Dry ft.
Date	b. 06/20/2013 (m m d d y y y y)	06/20/2013 (m m d d y y y y)
Time	c. 09:15 ☒ a.m. ☐ p.m.	09:30 ☒ a.m. ☐ p.m.
12. Sediment in well bottom	0.0 inches	0.0 inches
13. Water clarity	Clear ☒ 10 Turbid ☐ 15 (Describe)	Clear ☐ 20 Turbid ☒ 25 (Describe)

Fill in if drilling fluids were used and well is at solid waste facility:

14. Total suspended solids	____.__ mg/l	____.__ mg/l
15. COD	____.__ mg/l	____.__ mg/l

16. Well developed by: Name (first, last) and Firm
First Name: Sean Last Name: Cranley
Firm: ChemReport, Inc.

17. Additional comments on development:

Name and Address of Facility Contact/Owner/Responsible Party
First Name: Miguel Last Name: Vegvilla
Facility/Firm: _____
Street: 1506 Dr Martin Luther King Jr Dr
City/State/Zip: Racine, WI 53404

I hereby certify that the above information is true and correct to the best of my knowledge.
Signature: [signature]
Print Name: Sean Cranley
Firm: ChemReport, Inc.

NOTE: See instructions for more information including a list of county codes and well type codes.

SER CASE CLOSURE COMMITTEE NOTES

DATE:	8/6/15
CASE:	Park Pioneer
FID / BRRTS#	0352203881
PRESENTER:	Lee D
REQUEST:	closure – advisory (no fee submitted)

BRRTS Action Codes

- ☐ 56 Continuing Obligations Present:
- ☐ 220 Soil: Maintain Industrial Land Use
- ☐ 222 Cover or Barrier
- ☐ 224 Structural Impediment
- ☐ 226 Vapor Mitigation
- ☐ 228 Site Specific Condition
- ☐ 230 Maintain Liability Exemption
- ☐ 232 Soil Contamination > *RCL or **SSRCL
- ☐ 234 MW Not Properly Abandoned - List MW#s [ ]
- ☐ 236 Groundwater Contamination > ES
- ☐ 238 Submittal of Inspection Report Required (Cap and/or Vapor System)
- ☐ 48 PAL Exceedance - List Substances [ ]
- ☐ 55 NR 720.19 SSRCL Used For Closure

Cap Type (choose one)
- ☐ 1 Direct Contact Only
- ☐ 2 Impervious Barrier
- ☐ 3 Engineered Cap

Vapor Types (choose one or more)
- ☐ 1 Exceed Vapor Risk Levels - Mitigation Req
- ☐ 2 Hydrogeologic Concerns - Mitigation Req
- ☐ 3 Compounds of Concern in Use
- ☐ 4 Specific Exposure Assumptions
- ☐ 5 Future Exposure Notification Required

Reason MW not Abandoned (choose one)
- ☐ 1 MW Was Not Able to Be Located (LOST)
- ☐ 2 Continued Monitoring Required
- ☐ 3 Continued Use of MW Requested/Appr

Media / Receptors Addressed:

☐ Vapor ☐ Soil ☐ Groundwater ☐ Utilities

ACTION ITEMS	DISCUSSION NOTES
	COMMITTEE DECISIONS: ☐ CONCUR
	☐ CONCUR W/ COMMENTS (SEE CHECKED ITEMS BELOW)
V	☐ MORE WORK NEEDED (SEE CHECKED ITEMS BELOW)
	No fee DOT referral from Com/DSP 8
	~~Use structural impediment 224~~
	Site reopened – RCL exceed – SEE gasoline – new equipment stor.
	RCL + DC Soil exceedances & no cap proposed.
	F.M – 100 truck loads
	PAH > ES
	Only one sample in top 4' (DPS)
	P – piping TR = tank bed
*	Put tank site assessment samples on table – no PVOCs tho
*	Need define direct contact exceedance area
*	Define cap – submit maintenance plan with map.
*	Need fee.
	TB3 ITD4 –
	Soil 1-4 ~~DRO~~ – not tested for VOCs
*	Need better estimate of extent + depth include
	TB3 – ~~[illegible]~~ – expand dashed line or re-sample.

SER CASE CLOSURE COMMITTEE NOTES

DATE:	
CASE:	
FID / BRRTS#	
PRESENTER:	
REQUEST:	

	fl -
	TB2 850 aro
	TB2 140 GRO
	TB3 8000 GRO
☆	LW - ok - no more sampling justified.
± ☆	over extend ~~map~~ to make up for lack of data?
☆	Lee - come up for recommendation for more sampling needed or not.

Case Closure Review - **DENIAL or PAUSE**

SITE NAME: **Park Pioneer Silver Steel** BRRTS #: **03-52-203881** Date Reviewed:

Committee Review #: _____

✓	Condition	Comments
☐	PM Consult Water Program on Sediments	
☐	PM Consult Water Quality on Surface Waste Discharge Concentrations	
☐	PM Consult Waste & Materials Management Program	
☐	Other	
☐	Once Paused Items Received Resubmit Fast Track	
☐	Once Paused Items Received PM Close	

Closure Committee Signatures

☐ RR Bureau Director Concurrence

_____ Member (Sup)

_____ Member

_____ Member

_____ Member

_____ Other_____

_____ VPLE Concurrence

SITE NAME: **Park Pioneer Silver Steel** BRRTS #: **03-52-203881** Date Reviewed:

Committee Review #: _____

DENIAL

✓	Condition	Comments
☐	(80) Closure Not Approved	
☐	Fee Submittal Missing	
☐	Notification Letter(s) Not Issued	
☐	Notification Letter(s) still in 30 day comment period	
☐	Soil Investigation - Delineate Soil Contamination	
☐	Active Soil Remediation Required	
☒	Install & Document Engineered Cap	Direct Contact
☐	GW Investigation - Delineate GW Contamination	
☐	Install MW/Piezometer	
☐	Continued GW Monitoring Required	
☐	Active GW Remediation Required	
☐	Vapor Investigation Required	
☐	Install Vapor System	
☐	Utility Investigation Required	
☐	Other	

PAUSE

✓	Condition	Comments
☐	(198) Pause, Request Additional Info	
☐	Fee Submittal Missing	
☐	Require ROW Notification	
☐	Table(s) ○ Modify ○ Missing	
☐	Figure(s) ○ Modify ○ Missing	
☐	Show All Property Lines On Map	
☐	Maintenance Plan Required for Soil to GW Pathway	
☐	Maintenance Plan Required for Barrier to Prevent VI	
☐	Modify Maintenance Plan ○ CAP ○ VI	
☐	Document ○ Soil Disposal ○ Soil Treatment	
☐	Document Dismantled ○ Soil Pile ○ Biopile	
☐	Document Landspreading Treatment	
☐	Document Treatment	
☐	Document Engineered System Abandonment/Dismantle	
☐	Document DC/GW Protection Cap	
☐	Document Chemical Reaction Time frame	
☐	Document Free Product Conditions	
☐	PM Consult D&GW on Potable Well Issues	

ChemReport®
Environmental & Safety Engineers

July 28, 2015

RECEIVED
JUL 28 2015
PLYMOUTH DNR
via email

Mr. Lee Delcore
Hydrogeologist
Wisconsin Department of Natural Resources
Plymouth Service Center
1155 Pilgrim Road
Plymouth, WI 53073

Re: Change Order Request for Parks Pioneer – Silver Steel
1218 Frederick St. Racine, WI
COMM#: 53404-3030-18
BRRTS#: 03-52-203881

Dear Mr. Delcore:

ChemReport, Inc. is hereby submitting a Change Order Request for the above-referenced site to include tasks necessary to complete the June 10, 2015 Closure Request Submittal.

The attached cost itemization of $4,387.40 prepared using the Petroleum Environmental Cleanup Fund (PECFA) Standardized Invoice Schedule #17 includes costs for the remainder of the Soil and Groundwater Investigation Report/Closure Request, performing the site specific residual contaminant level calculations, compiling the geographic information system registry submittal for the site and this change order request.

Please note that the cost for the Soil and Groundwater Investigation Report of $3,172.30 reflects $1,000.00 and $556.60 that were billed for Soil Investigation Report preparation on invoices dated 12/28/12 and 8/4/14, respectively.

If you have any questions or need additional information please contact me at (262) 654-7020.

Sincerely,

Sean Cranley, P.G.
Principal Hydrogeologist

Usual and Customary Standardized Invoice #17
January 2015 - June 2015

RR-043A

PECFA #:	534040-3030-18	Vendor Name:	ChemReport, Inc.		
BRRT's #:	03-52-203881	Invoice #:	NA	U&C Total	$ 1,215.10
Site Name:	Parks Pioneer	Invoice Date:	NA	Variance to U&C Total	$ 3,172.30
Site Address:	1218 Frederick Street	Check #:		Grand Total	$ 4,387.40

TASK	TASK DESCRIPTION	SERVICES	ACTIVITY CODE	ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAX UNIT COST	UNITS	TOTAL MAX
5	Closure Request		CR15	GIS Packet Submittal (For Source Property only)	Packet	$ 483.20	1	$ 483.20
26	Site Specific RCL Calculations For Direct Contact Risk		SSRCL05	SSRCL Calculations	Site	$ 368.30	1	$ 368.30
36	Change Order Request		COR05	Change Order Request (cost cap exceedance requests)	Change Order	$ 363.60	1	$ 363.60
Variance Variance	Soil & GW Report/Closure Rqst	Consultant	SGIR05	Remainder of Soil and Groundwater Investigation Report				$ 3,172.30

Delcore, Lee R - DNR

From: sean Cranley <SeanCranley@chemreport.com>
Sent: Tuesday, July 28, 2015 3:59 PM
To: Delcore, Lee R - DNR
Subject: Change Order - Parks Pioneer
Attachments: Change Order July 2015.pdf

Lee,

Attached is a Change Order Request pertaining to activities required to submit the closure request for the above-referenced site.

Please let me know if you have any questions or need a hard copy.

Thank you,
Sean
(262) 237-4351

ChemReport

Sean Cranley, PG
Principal Hydrogeologist
ChemReport, Incorporated
9725 – 12th Street
Kenosha, WI 53144
P (262) 654-7020
C (262) 237-4351
F (262) 654-7025

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ChemReport
Environmental & Safety Engineers

RECEIVED
JUN 11 2015
BY: JB

June 10, 2015

Ms. Victoria Stovall
Wisconsin Department of Natural Resources
2300 N. Dr. Martin Luther King Jr. Dr.
Milwaukee, WI 53212

RE: Closure Request Submittal
Parks Pioneer Silver Steel
1218 Frederick Street
Racine, WI 53404
BRRTS#: 03-52-203881

Dear Ms. Stovall:

Please find enclosed the Closure Request Submittal for the above-referenced site.

Please note that a check in not included to cover the closure fee and registry fees for the geographic information system registry for residual soil and groundwater contamination. A check in the appropriate amount will be submitted the Department once the Responsible Party has the sufficient funds.

If you have any questions please call me at (262) 654-7020.

Thank you,

CHEMREPORT INCORPORATED

Sean Cranley, P.G.
Principal Hydrogeologist

- Provide a description of the system/cover/barrier/monitoring well(s) to be maintained.
- Provide a description of the maintenance actions required for maximizing effectiveness of the engineered control, vapor mitigation system, feature or other action for which maintenance is required.
- Provide contact information, including the name, address and phone number of the individual or facility who will be conducting the maintenance.

D.2. **Location map(s) which show(s):** (1) the feature that requires maintenance; (2) the location of the feature(s) that require(s) maintenance - on and off the source property; (3) the extent of the structure or feature(s) to be maintained, in relation to other structures or features on the site; (4) the extent and type of residual contamination; and (5) all property boundaries.

D.3. **Photographs** for site or facilities with a cover or other performance standard, a structural impediment or a vapor mitigation system, include one or more photographs documenting the condition and extent of the feature at the time of the closure request. Pertinent features shall be visible and discernible. Photographs shall be submitted with a title related to the site name and location, and the date on which it was taken.

D.4. **Inspection log**, to be maintained on site, or at a location specified in the maintenance plan or approval letter. The inspection and maintenance log is found at: http://dnr.wi.gov/files/PDF/forms/4400/4400-305.pdf.

Monitoring Well Information (Attachment E)

Directions for Monitoring Well Information:
For all wells that will remain in use, be transferred to another party, or that could not be located; attach monitoring well construction and development forms (DNR Form 4400-113 A and B: http://dnr.wi.gov/topic/groundwater/documents/forms/4400_113_1_2.pdf)

Select One:

○ No monitoring wells were installed as part of this response action.

◉ All monitoring wells have been located and will be properly abandoned upon the DNR granting conditional closure to the site

○ ***Select One or More:***

☐ Not all monitoring wells can be located, despite good faith efforts. Attachment E must include a description of efforts made to locate the wells.

☐ One or more wells will remain in use at the site after this closure. Attachment E must include documentation as to the reason (s) the well(s) will remain in use. When one or more monitoring wells will remain in use this is considered a continuing obligation and a maintenance plan will be required and must be included in Attachment D.

☐ One or more monitoring wells will be transferred to another owner upon case closure being granted. Attachment E should include documentation identifying the name, address and email for the new owner(s). Provide documentation from the party accepting future responsibility for monitoring well(s).

Source Legal Documents (Attachment F)

Directions for Source Legal Documents:
Label documents with the specific closure form titles (e.g., F.1. Deed, F.2. Certified Survey Map, etc.). Include all of the following documents, in the order listed:

F.1. **Deed:** The most recent deed with legal description clearly listed.

Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.

F.2. **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. In cases where the certified survey map or recorded plat map are not legible or are unavailable, a copy of a parcel map from a county land information office may be substituted. A copy of a parcel map from a county land information office shall be legible, and the parcels identified in the legal description shall be clearly identified and labeled with the applicable parcel identification number.

F.3. **Verification of Zoning**: Documentation (e.g., official zoning map or letter from municipality) of the property's or properties' current zoning status.

F.4. **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description(s) accurately describe(s) the correct contaminated property or properties. This section applies to the source property only. Signed statements for Other Affected Properties should be included in Attachment G.

Notifications to Owners of Affected Properties (Attachment G)

Directions for Notifications to Owners of Affected Properties:
Complete the table on the following page for sites which require notification to owners of affected properties pursuant to ch. 292, Wis. Stats. and ch. NR 725 and 726, Wis. Adm. Code. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31- 19.39,Wis. Stats.]. The DNR's "Guidance on Case Closure and the Requirements for Managing Continuing Obligations" (PUB-RR-606) lists specific notification requirements http://dnr.wi.gov/files/PDF/pubs/rr/RR606.pdf.

State law requires that the responsible party provide a 30-day, written advance notification to certain persons prior to applying for case closure. This requirement applies if: (1) the person conducting the response action does not own the source property; (2) the contamination has migrated onto another property; and/or (3) one or more monitoring wells will not be abandoned. Use form 4400-286, Notification of Continuing Obligations and Residual Contamination, at http://dnr.wi.gov/files/PDF/forms/4400/4400-286.pdf

Include a copy of each notification sent and accompanying proof of delivery, i.e., return receipt or signature confirmation. (These items will not be placed on the GIS Registry.)

Include the following documents for each property, keeping each property's documents grouped together and labeled with the letter G and the corresponding ID number from the table on the following page. (Source Property documents should only be included in Attachment F):

- **Deed:** The most recent deed with legal descriptions clearly listed for all affected properties.
  Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.
- **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. In cases where the certified survey map or recorded plat map are not legible or are unavailable, a copy of a parcel map from a county land information office may be substituted. A copy of a parcel map from a county land information office shall be legible, and the parcels identified in the legal description shall be clearly identified and labeled with the applicable parcel identification number.
- **Verification of Zoning:** Documentation (e.g., official zoning map or letter from municipality) of the property's or properties' current zoning status.
- **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes the attached legal description(s) accurately describe(s) the correct contaminated property or properties.

Notifications to Owners of Affected Properties (Attachment G)

							Reasons Notification Letter Sent:												
ID	Address of Affected Property	Parcel ID No.	Date of Receipt of Letter	Type of Property Owner	WTMX	WTMY	Residual Groundwater Contamination = or > ES	Residual Soil Contamination Exceeds RCLs	Monitoring Wells: Not Abandoned	Monitoring Wells: Continued Monitoring	Cover/Barrier/Engineered Control	Structural Impediment	Industrial RCLs Met/Applied	Vapor Mitigation System(VMS)	Dewatering System Needed for VMS	Compounds of Concern in Use	Commercial/Industrial Vapor Exposure Assumptions Applied	Residual Volatile Contamination Poses Future Risk of Vapor Intrusion	Site Specification Situation
A																			
B																			
C																			
D																			

Signatures and Findings for Closure Determination

Check the correct box for this case closure request, and have either a professional engineer or a hydrogeologist, as defined in ch. NR 712, Wis. Adm. Code, sign this document.

☐ A response action(s) for this site addresses groundwater contamination (including natural attenuation remedies).

☒ The response action(s) for this site addresses media other than groundwater.

Engineering Certification

I _____ hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this case closure request has been prepared by me or prepared under my supervision in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this case closure request is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code. Specifically, with respect to compliance with the rules, in my professional opinion a site investigation has been conducted in accordance with ch. NR 716, Wis. Adm. Code, and all necessary remedial actions have been completed in accordance with chs. NR 140, NR 718, NR 720, NR 722, NR 724 and NR 726, Wis. Adm. Codes."

Printed Name	Title

Signature	Date	P.E. Stamp and Number

Hydrogeologist Certification

I Sean Crawley hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this case closure request is correct and the document was prepared by me or prepared by me or prepared under my supervision and, in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code. Specifically, with respect to compliance with the rules, in my professional opinion a site investigation has been conducted in accordance with ch. NR 716, Wis. Adm. Code, and all necessary remedial actions have been completed in accordance with chs. NR 140, NR 718, NR 720, NR 722, NR 724 and NR 726, Wis. Adm. Codes."

Printed Name	Title
Sean Crawley	Principal Hydrogeologist

Signature	Date
Sean Crawley	6/10/15

ChemReport
Environmental & Safety Engineers

ATTACHMENT A
Data Tables

Attachment A Explanations

A.4.

Not applicable, vapor intrusion not evaluated as part of PECFA approved scope of work. There are no buildings on site nor any in proximity to the zones of soil or groundwater contamination and no preferential migration pathways within the zones of contamination.

A.5.

Not applicable, other media of concern were not evaluated as part of the PECFA approved scope of work. There are no surface water bodies or sediment deposits at or adjacent to the site or the zones of contamination .

A.6.

Table A.6 provides the depth to water measurements and other relevant data for the site monitoring wells. However, the well top-of-casing elevations were not surveyed, consequently groundwater elevations are not available.

A.7.

Not applicable, neither natural attenuation monitoring nor engineered remediation system operation were part of the project scope.

Table A.1. (Page 1 of 1)
Groundwater Analytical Results
Parks Pioneer Silver Steel

Parameter	Sample ID I Date I Results												Groundwater Quality Standards	
	MW-1		MW-2		MW-3		MW-4		MW-5		MW-6		PAL	ES
	6/6/2014	11/7/2014	6/6/2014	11/7/2014	6/6/2014	11/7/2014	6/6/2014	11/7/2014	6/6/2014	11/7/2014	6/6/2014	11/7/2014		
PVOCs & Naphthalene (ug/l)														
Benzene	**6.1** ▼	*2.8* ♦	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.5	5
Ethylbenzene	64.1	29.6	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	140	700
Methyl-tert-butyl ether	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	12	60
Naphthalene	8.1	4.3	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	10	100
Toluene	10.0	4.7	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	160	800
1,2,4-Trimethylbenzene	15.2	9.6	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	96 (1)	480 (1)
1,3,5-Trimethylbenzene	10.5	3.5	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	96 (1)	480 (1)
Xylenes	32.3	15.5	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	400	2,000
PAHs (ug/l)														
Acenaphthene	0.0073	0.0041	0.088	0.065	<0.0068	<0.0033	<0.0068	<0.0033	<0.0068	<0.0033	<0.0068	<0.0033	NS	NS
Acenaphthylene	<0.0063	<0.0028	0.14	0.11	<0.0063	<0.0028	<0.0063	<0.0028	<0.0063	<0.0028	<0.0063	<0.0028	NS	NS
Anthracene	0.054	0.027	0.40	0.35	0.012	0.0089	0.011	0.012	<0.0067	<0.0023	<0.0067	<0.0023	600	3,000
Benzo(a)anthracene	0.036	0.020	1.1	0.54	0.014	0.026	<0.0053	<0.0030	0.076	<0.0030	0.011	<0.0030	NS	NS
Benzo(a)pyrene	*0.039* ♦	0.017	**0.87** ▼	**0.48** ▼	0.017	*0.020*	<0.0087	<0.0024	<0.0087	<0.0024	0.010	0.0027	0.02	0.2
Benzo(b)fluoranthene	*0.060* ♦	*0.029* ♦	**1.0** ▼	**0.72** ▼	*0.034* ♦	*0.032* ♦	*0.022* ♦	<0.0046	*0.028* ♦	<0.0046	*0.032* ♦	<0.0046	0.02	0.2
Benzo(g.h.i)perylene	0.046	0.017	0.81	0.38	0.021	0.019	0.0059	<0.0048	0.011	<0.0048	0.014	<0.0048	NS	NS
Benzo(k)fluoranthene	0.034	0.011	0.84	0.28	0.019	0.013	<0.0028	<0.0045	0.0066	<0.0045	0.013	<0.0045	NS	NS
Chrysene	*0.044* ♦	*0.031* ♦	**1.2** ▼	**0.72** ▼	*0.024* ♦	*0.032* ♦	0.011	<0.0058	*0.020* ♦	<0.0058	*0.026* ♦	0.011	0.02	0.2
Dibenz(a,h)anthracene	0.011	<0.0031	0.28	0.084	<0.0059	0.0041	<0.0059	<0.0031	<0.0059	<0.0031	<0.0059	<0.0031	NS	NS
Fluoranthene	0.058	0.037	2.1	1.1	0.025	0.032	<0.0072	0.0060	0.017	0.0059	0.024	0.011	80	400
Fluorene	<0.0066	0.0062	0.19	0.21	<0.0066	0.0044	<0.0066	<0.0027	<0.0066	<0.0027	<0.0066	0.0031	80	400
Indeno(1,2,3-cd)pyrene	0.033	0.011	0.68	0.29	0.013	0.013	<0.0049	<0.0033	0.0058	<0.0033	0.0090	<0.0033	NS	NS
1-Methylnaphthalene	0.013	0.10	0.41	0.044	<0.0062	0.0074	<0.0062	<0.0057	<0.0062	<0.0057	<0.0062	<0.0057	NS	NS
2-Methylnaphthalene	0.32	0.059	0.43	0.041	<0.0064	0.0086	<0.0064	<0.0076	<0.0064	<0.0076	0.0073	<0.0076	NS	NS
Naphthalene	0.22	0.50	0.11	0.069	0.013	0.0070	<0.0081	<0.0055	<0.0081	<0.0055	<0.0081	<0.0055	10	100
Phenanthrene	0.022	0.027	0.81	0.47	0.016	0.032	0.0097	0.0086	0.017	0.012	0.016	0.014	NS	NS
Pyrene	0.064	0.041	1.8	1.4	0.025	0.041	0.011	0.0086	0.032	0.011	0.035	0.017	50	250

Notes:

♦ *Italic type* indicates concentration exceeds PAL.

▼ **Bold type** indicates concentration exceeds ES.

VOCs - Volatile Organic Compounds
PAHs - Polyaromatic Hydrocarbons
NS - No Standard
PAL - NR 140 Preventive Action Limit
ES - NR 140 Enforcement Standard
NS - No standard
(1) - Groundwater quality standards apply to the combined total concentrations of 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene

TABLE A.2. (Page 1 of 2)
Soil Analytical Results
Parks Pioneer Silver Steel

Sample I.D.	DP-1 (4'-6') Unsaturated 7/25/12	DP-1 (10'- 12') Unsaturated 7/25/12	DP-2 (6'-8') Unsaturated 7/25/12	DP-3 (7'-8') Unsaturated 7/25/12	DP-4 (8'-9') Unsaturated 7/25/12	DP-4 (11'-12') Unsaturated 7/25/12	Not to Exeed Industrial Direct Contact RCLs	Not to Exceed Non-Industrial Direct Contact RCLs	Groundwater Protection RCLs
	Soil Sample I.D. | Saturation | Date I Results						Residual Contaminant Levels		
Parameter									
VOCs (mg/kg)							mg/kg	mg/kg	mg/kg
1,2,4-Trymethylbenzene	1.320	<0.0250	<0.0250	<0.0250	0.124	<0.0250	219	89.8	NS
1,3,5-Tymethylbenzene	0.708	<0.0250	<0.0250	<0.0250	0.106	<0.0250	182	182	NS
Ethylbenzene	*1.690* ▲	<0.0250	<0.0250	<0.0250	0.0672	<0.0250	37	7.14	1.57
Isopropylbenzene	0.657	NA	NA	NA	0.178	NA	268	268	NS
Naphthalene	*3.050* ▲	NA	NA	NA	0.414	NA	26	5.15	0.6582
Toluene	<0.100	<0.0250	<0.0250	<0.0250	0.0887	<0.0250	818	818	1.1072
Xylenes	2.050	<0.0500	<0.0500	<0.0500	0.1956	<0.0500	258	258	3.94
n-Butylbenzene	0.551	NA	NA	NA	<0.0404	NA	108	108	NS
n-Propylbenzene	1.070	NA	NA	NA	0.173	NA	264	264	NS
p-Isopropylbenzene	<0.100	NA	NA	NA	0.0483	NA	NS	NS	NS
sec-Butylbenzene	0.269	NA	NA	NA	0.473	NA	145	145	NS
PAHs (mg/kg)							mg/kg	mg/kg	mg/kg
Acenaphthene	<0.0099	<0.0094	<0.0096	<0.0097	0.156	NA	33,000	3,440	NS
Acenaphthylene	<0.0099	<0.0094	<0.0096	<0.0097	0.0738	NA	NS	NS	NS
Anthracene	<0.0020	<0.0019	0.0042	0.0052	0.215	NA	100,000	17,200	197.7273
Benzo (a) anthracene	<0.0099	<0.0094	0.0258	0.0099	0.384	NA	2.11	0.148	NS
Benzo (a) Pyrene	<0.0099	<0.0094	0.0291	<0.0097	0.415	NA	0.211	0.015	0.47
Benzo (b) fluoranthene	<0.0028	<0.0027	0.0298	0.0064	*0.610* ▲	NA	2.11	0.148	0.4793
Benzo (g,h,i) perylene	<0.0099	<0.0094	0.0175	<0.0097	0.294	NA	NS	NS	NS
Benzo (k) fluoranthene	<0.0099	<0.0094	0.0283	0.0099	0.282	NA	21.1	1.48	NS
Chrysene	<0.0022	0.0024	0.0343	0.0117	*0.482* ▲	NA	211	14.8	0.1446
Dibenz (a,h) anthracene	<0.0099	<0.0094	<0.0096	<0.0097	0.0993	NA	0.211	0.015	NS
Fluoranthene	<0.0099	<0.0094	0.0392	0.0233	0.813	NA	22,000	2,290	88.8778
Fluorene	<0.0099	<0.0094	<0.0096	<0.0097	0.230	NA	22,000	2,290	14.8027
Indeno (1,2,3-cd) pyrene	<0.0099	<0.0094	0.0158	<0.0097	0.273	NA	2.11	0.148	NS
1-Methylnaphthalene	0.0656	<0.0085	<0.0087	<0.0089	0.252	NA	15.6	53.1	NS
2-Methylnaphthalene	0.0803	<0.0018	<0.0018	<0.0018	0.351	NA	2,200	229	NS
Naphthalene	0.468	<0.0035	<0.0036	<0.0037	0.268	NA	26	5.15	0.6582
Phenanthrene	<0.0025	<0.0024	0.0142	0.0179	0.767	NA	NS	NS	NS
Pyrene	<0.0099	<0.0094	0.0306	0.0161	0.646	NA	16,500	1,720	54.1322
Lead (mg/kg)							mg/kg	mg/kg	mg/kg
Lead	8.4	NA	NA	NA	*427* ▲	NA	800	400	27

Notes:
Table includes detected analytes only.

- ● **Bold type** indicates concentration within the upper 4 feet of the subsurface exceeds the non-industrial direct contact RCL and, if applicable, the background level, thus constituting a soil standard exceedance.
- ■ **Bold type** indicates concentration within the upper 4 feet of the subsurface exceeds the industrial direct contact risk RCL and, if applicable, the background level, thus constituting a soil standard exceedance.
- ▲ *Italic type* indicates a concentration exceeds the groundwater protection RCL and, if applicable the background level, thus constituting a soil standard exceedance.

RCL - Residual Contaminant Level
PVOCs = Petroleum Volatile Organic Compounds
VOCs = Volatile Organic Compounds
PAHs - Polynuclear Aromatic Hydrocarbons
NS = No Standard
NA = Not Analyzed

TABLE A.2. (Page 2 of 2)
Soil Analytical Results
Parks Pioneer Silver Steel

	Soil Sample I.D. | Saturation | Date I Results						Residual Contaminant Levels		
Sample I.D.	**DP-5 (3'-4')** Unsaturated 7/25/12	**DP-5 (7'- 8')** Unsaturated 7/25/12	**SB-3 (12'-14')** 11/29/12	**SB-4 (9-11')** 11/29/12	**SB-5 (8'-10')** 11/29/12	**SB-6 (10'-12')** 11/29/12	**Not to Exeed Industrial Direct Contact RCLs**	**Not to Exceed Non-Industrial Direct Contact RCLs**	**Groundwater Protection RCLs**
Parameter									
VOCs (mg/kg)							mg/kg	mg/kg	mg/kg
1,2,4-Trymethylbenzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	219	89.8	NS
1,3,5-Tymethylbenzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	182	182	NS
Ethylbenzene	0.0404	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	37	7.14	1.57
Isopropylbenzene	0.0453	NA	NA	NA	NA	NA	268	268	NS
Naphthalene	0.0303	NA	NA	NA	NA	NA	26	5.15	0.6582
Toluene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	818	818	1.1072
Xylenes	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	258	258	3.94
n-Butylbenzene	<0.0404	NA	NA	NA	NA	NA	108	108	NS
n-Propylbenzene	0.0352	NA	NA	NA	NA	NA	264	264	NS
p-Isopropylbenzene	<0.0250	NA	NA	NA	NA	NA	NS	NS	NS
sec-Butylbenzene	0.0986	NA	NA	NA	NA	NA	145	145	NS
PAHs (mg/kg)							mg/kg	mg/kg	mg/kg
Acenaphthene	0.0154	NA	<0.0095	<0.0097	<0.0096	<0.0096	33,000	3,440	NS
Acenaphthylene	0.0200	NA	<0.0095	<0.0097	<0.0096	<0.0096	NS	NS	NS
Anthracene	0.0461	NA	<0.0020	<0.0020	<0.0020	<0.0020	100,000	17,200	197.7273
Benzo (a) anthracene	**0.161** ●	NA	<0.0095	<0.0097	<0.0096	<0.0096	2.11	0.148	NS
Benzo (a) Pyrene	**0.190** ●	NA	<0.0095	<0.0097	<0.0096	<0.0096	0.211	0.015	0.47
Benzo (b) fluoranthene	**0.248** ●	NA	<0.0028	<0.0097	<0.0028	0.0095	2.11	0.148	0.4793
Benzo (g,h,i) perylene	0.176	NA	<0.0095	<0.0097	<0.0096	<0.0096	NS	NS	NS
Benzo (k) fluoranthene	0.183	NA	<0.0095	<0.0097	<0.0096	<0.0096	21.1	1.48	NS
Chrysene	*0.271* ▲	NA	0.0058	0.0036	<0.0022	0.0162	211	14.8	0.1446
Dibenz (a,h) anthracene	**0.0555** ●	NA	<0.0095	<0.0097	<0.0096	<0.0096	0.211	0.015	NS
Fluoranthene	0.386	NA	<0.0095	<0.0097	<0.0096	0.0140	22,000	2,290	88.8778
Fluorene	0.0134	NA	<0.0095	<0.0097	<0.0096	<0.0096	22,000	2,290	14.8027
Indeno (1,2,3-cd) pyrene	0.146	NA	<0.0095	<0.0097	<0.0096	<0.0096	2.11	0.148	NS
1-Methylnaphthalene	0.0150	NA	<0.0087	<0.0088	<0.0088	<0.0088	15.6	53.1	NS
2-Methylnaphthalene	0.0216	NA	0.0022	<0.0018	<0.0018	<0.0018	2,200	229	NS
Naphthalene	0.0304	NA	<0.0036	<0.0036	<0.0036	<0.0036	26	5.15	0.6582
Phenanthrene	0.125	NA	0.0034	<0.0025	<0.0025	0.0058	NS	NS	NS
Pyrene	0.296	NA	<0.0095	<0.0097	<0.0096	0.0131	16,500	1,720	54.1322
Lead							mg/kg	mg/kg	mg/kg
Lead	*94.9* ▲	NA	8.2	8.6	7.6	6.8	800	400	27

Notes:
Table includes detected analytes only.

● **Bold type** indicates concentration within the upper 4 feet of the subsurface exceeds the non-industrial direct contact RCL and, if applicable, the background level, thus constituting a soil standard exceedance.

■ **Bold type** indicates concentration within the upper 4 feet of the subsurface exceeds the industrial direct contact risk RCL and, if applicable, the background level, thus constituting a soil standard exceedance.

▲ *Italic type* indicates a concentration exceeds the groundwater protection RCL and, if applicable the background level, thus constituting a soil standard exceedance.

RCL - Residual Contaminant Level
PVOCs = Petroleum Volatile Organic Compounds
VOCs = Volatile Organic Compounds
PAHs - Polynuclear Aromatic Hydrocarbons
NS = No Standard
NA = Not Analyzed

ATTACHMENT B
Maps and Figures and Photos

Attachment B Explanations

B.3.c

The well top-of-casing elevations were not surveyed, consequently groundwater elevations and flow direction are not available.

B.3.d

All six site monitoring wells will be properly abandoned upon case closure.

B.4.a

Not applicable, a vapor intrusion map is not available because the evaluation of vapor intrusion was not part of the scope of work specified or required by PECFA Project Managers for the site. There are no buildings on site nor any in proximity to the zones of soil or groundwater contamination and no preferential migration pathways within the zones of contamination.

B.4.b

Not applicable, other media of concern were not evaluated as part of the PECFA approved scope of work. There are no surface water bodies or sediment deposits at or adjacent to the site or the zones of contamination.

B.4.c

Not applicable, no other maps or figures are deemed relevant to the site conditions or request for closure at this time.

B.5.

Not applicable, there were no structural impediments that precluded a complete site investigation or remediation.

ATTACHMENT C
Documentation of Remedial Action

Attachment C Explanations

C.3.

ChemReport used the Department's RCL Spreadsheet to determine the RCLs used on the Soil Analytical Tables A.2., A.3. and A.4.

C.4.

Not applicable, no remedial system installed.

C.5.

Not applicable, no remedial system installed.

C.6.

Not applicable, no other information is deemed relevant.

ATTACHMENT D
Maintenance Plan and Photographs

Attachment D Explanations

Site conditions do not warrant a maintenance plan for the source property nor for any surrounding properties.

ATTACHMENT E
Monitoring Well Information

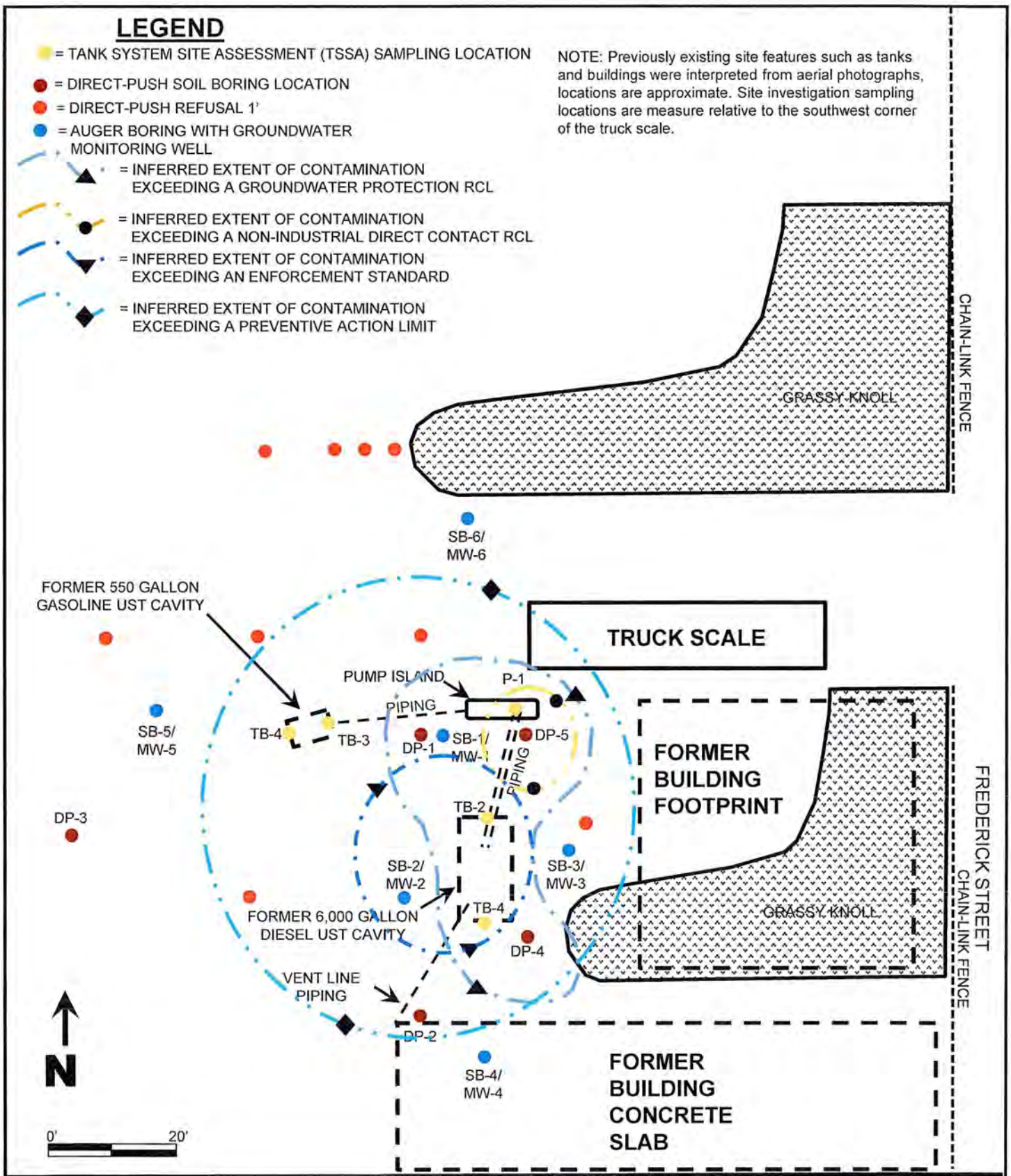
Attachment E Explanations

All monitoring wells will be properly abandoned upon case closure.

ChemReport
Environmental & Safety Engineers

ATTACHMENT F
Source Legal Documents

ATTACHMENT G
Notifications to Owners of Affected Properties



Approved By: Sean Cranley	Figure: 1
Date Approved: 12/5/12	
Date Drawn: 12/5/12	1 of 1
Drawn By: Sean Cranley	

FIGURE B.1.b

DETAILED SITE MAP
PARKS PIONEER – SILVER STEEL
1218 FREDERICK STREET
RACINE, WI

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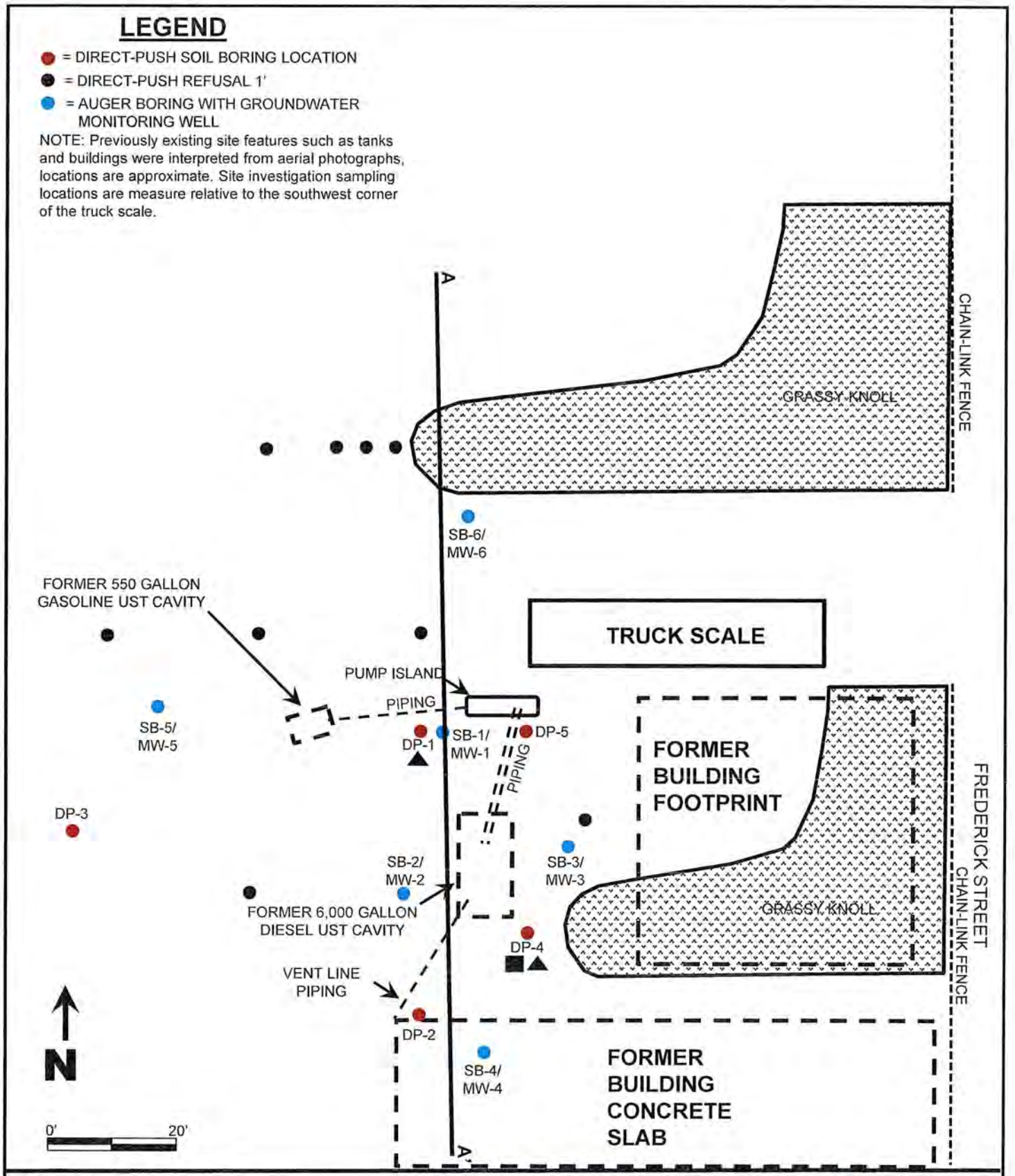
Environmental & Safety Engineers
4515 Washington Road
Kenosha, WI 53144
800-965-5323
engineer@chemreport.com

Attachment G Explanations

Site conditions do not affect any surrounding properties.



Approved By: Sean Cranley	Figure: 1
Date Approved: 12/5/12	
Date Drawn: 12/5/12	1 of 1
Drawn By: Sean Cranley	

FIGURE B.3.a.2

GEOLOGIC CROSS-SECTION A-A' PLANVIEW

PARKS PIONEER – SILVER STEEL

1218 FREDERICK STREET

RACINE, WI

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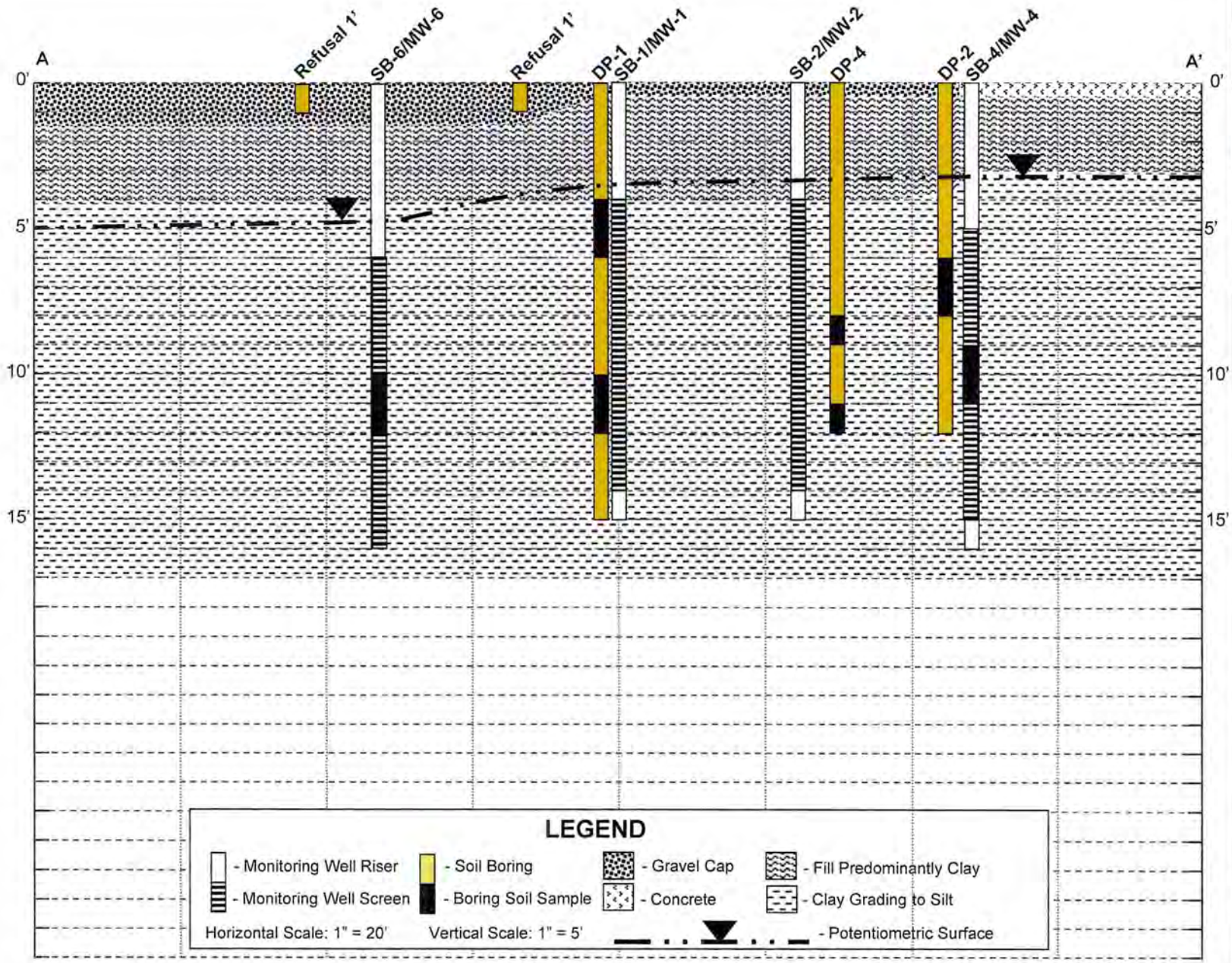

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engineer@chemreport.com

FIGURE B.3.a

GEOLOGIC CROSS-SECTION A-A'
PARKS PIONEER – SILVER STEEL
1218 FREDERICK STREET
RACINE, WI

Approved By: Sean Cranley	Figure: 1
Date Approved: 4/8/15	
Date Drawn: 4/8/15	1 of 1
Drawn By: Sean Cranley	

Ms. Victoria Stovall
Environmental Program Associate
Remediation and Redevelopment Program
Wisconsin Dept. of Natural Resources
2300 N. Martin Luther king Dr.
Milwaukee, WI 53212

RE: Legal Description
Parks Pioneer Silver Steel 08207000
Racine, WI 53404
BRRTS#: 03-52-203881

Dear Ms. Stovall:

This letter is to certify that to the best of my knowledge the legal description provided on the attached deed for the above referenced parcel is accurate.

If you have any questions please call me or Sean Cranley of ChemReport, Inc. at (262) 654-7020. Thank you.

Sincerely,

Miguel Veguilla
(262) 488-6767

5/5/2015
Date

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Green Bay, WI 54302
(920)469-2436

June 26, 2014

Sean Cranley
Chem Report, Inc.
9725 12th Street
Kenosha, WI 53144

RE: Project: PARKS PIONEER
Pace Project No.: 4098134

Dear Sean Cranley:
Enclosed are the analytical results for sample(s) received by the laboratory on June 17, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kang Khang
kang.khang@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: PARKS PIONEER
Pace Project No.: 4098134

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

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SAMPLE SUMMARY

Project: PARKS PIONEER
Pace Project No.: 4098134

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4098134001	MW-1	Water	06/06/14 12:10	06/17/14 08:50
4098134002	MW-2	Water	06/06/14 14:15	06/17/14 08:50
4098134003	MW-3	Water	06/06/14 12:05	06/17/14 08:50
4098134004	MW-4	Water	06/06/14 12:00	06/17/14 08:50
4098134005	MW-5	Water	06/06/14 11:55	06/17/14 08:50
4098134006	MW-6	Water	06/06/14 11:50	06/17/14 08:50

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SAMPLE ANALYTE COUNT

Project: PARKS PIONEER
Pace Project No.: 4098134

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4098134001	MW-1	WI MOD GRO	LCF	10	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G
4098134002	MW-2	WI MOD GRO	LCF	10	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G
4098134003	MW-3	WI MOD GRO	LCF	10	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G
4098134004	MW-4	WI MOD GRO	LCF	10	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G
4098134005	MW-5	WI MOD GRO	LCF	10	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G
4098134006	MW-6	WI MOD GRO	LCF	10	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G

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ANALYTICAL RESULTS

Project: PARKS PIONEER
Pace Project No.: 4098134

Sample: MW-1 **Lab ID: 4098134001** Collected: 06/06/14 12:10 Received: 06/17/14 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**6.1**	ug/L	1.0	0.40	1		06/20/14 06:13	71-43-2	
Ethylbenzene	**64.1**	ug/L	1.0	0.39	1		06/20/14 06:13	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		06/20/14 06:13	1634-04-4	
Naphthalene	**8.1**	ug/L	1.0	0.42	1		06/20/14 06:13	91-20-3	
Toluene	**10.0**	ug/L	1.0	0.39	1		06/20/14 06:13	108-88-3	
1,2,4-Trimethylbenzene	**15.2**	ug/L	1.0	0.42	1		06/20/14 06:13	95-63-6	
1,3,5-Trimethylbenzene	**10.5**	ug/L	1.0	0.42	1		06/20/14 06:13	108-67-8	
m&p-Xylene	**28.4**	ug/L	2.0	0.80	1		06/20/14 06:13	179601-23-1	
o-Xylene	**3.9**	ug/L	1.0	0.45	1		06/20/14 06:13	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	107	%	80-120		1		06/20/14 06:13	98-08-8	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**0.0073J**	ug/L	0.047	0.0068	1	06/24/14 07:49	06/24/14 12:02	83-32-9	H3
Acenaphthylene	**<0.0063**	ug/L	0.047	0.0063	1	06/24/14 07:49	06/24/14 12:02	208-96-8	H3
Anthracene	**0.054**	ug/L	0.047	0.0067	1	06/24/14 07:49	06/24/14 12:02	120-12-7	H3
Benzo(a)anthracene	**0.036J**	ug/L	0.047	0.0053	1	06/24/14 07:49	06/24/14 12:02	56-55-3	H3
Benzo(a)pyrene	**0.039J**	ug/L	0.047	0.0087	1	06/24/14 07:49	06/24/14 12:02	50-32-8	H3
Benzo(b)fluoranthene	**0.060**	ug/L	0.047	0.0062	1	06/24/14 07:49	06/24/14 12:02	205-99-2	H3
Benzo(g,h,i)perylene	**0.046J**	ug/L	0.047	0.0037	1	06/24/14 07:49	06/24/14 12:02	191-24-2	H3
Benzo(k)fluoranthene	**0.034J**	ug/L	0.047	0.0028	1	06/24/14 07:49	06/24/14 12:02	207-08-9	H3
Chrysene	**0.044J**	ug/L	0.047	0.0030	1	06/24/14 07:49	06/24/14 12:02	218-01-9	H3
Dibenz(a,h)anthracene	**0.011J**	ug/L	0.047	0.0059	1	06/24/14 07:49	06/24/14 12:02	53-70-3	H3
Fluoranthene	**0.058**	ug/L	0.047	0.0072	1	06/24/14 07:49	06/24/14 12:02	206-44-0	H3
Fluorene	**<0.0066**	ug/L	0.047	0.0066	1	06/24/14 07:49	06/24/14 12:02	86-73-7	H3
Indeno(1,2,3-cd)pyrene	**0.033J**	ug/L	0.047	0.0049	1	06/24/14 07:49	06/24/14 12:02	193-39-5	H3
1-Methylnaphthalene	**0.013J**	ug/L	0.047	0.0062	1	06/24/14 07:49	06/24/14 12:02	90-12-0	H3
2-Methylnaphthalene	**0.032J**	ug/L	0.047	0.0064	1	06/24/14 07:49	06/24/14 12:02	91-57-6	H3
Naphthalene	**0.22**	ug/L	0.047	0.0081	1	06/24/14 07:49	06/24/14 12:02	91-20-3	H3
Phenanthrene	**0.022J**	ug/L	0.047	0.0083	1	06/24/14 07:49	06/24/14 12:02	85-01-8	H3
Pyrene	**0.064**	ug/L	0.047	0.0076	1	06/24/14 07:49	06/24/14 12:02	129-00-0	H3
Surrogates									
2-Fluorobiphenyl (S)	73	%	24-130		1	06/24/14 07:49	06/24/14 12:02	321-60-8	
Terphenyl-d14 (S)	97	%	44-169		1	06/24/14 07:49	06/24/14 12:02	1718-51-0	

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ANALYTICAL RESULTS

Project: PARKS PIONEER
Pace Project No.: 4098134

Sample: MW-2 **Lab ID: 4098134002** Collected: 06/06/14 14:15 Received: 06/17/14 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		06/20/14 05:44	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		06/20/14 05:44	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		06/20/14 05:44	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		06/20/14 05:44	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		06/20/14 05:44	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/20/14 05:44	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/20/14 05:44	108-67-8	
m&p-Xylene	**<0.80**	ug/L	2.0	0.80	1		06/20/14 05:44	179601-23-1	
o-Xylene	**<0.45**	ug/L	1.0	0.45	1		06/20/14 05:44	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	99	%	80-120		1		06/20/14 05:44	98-08-8	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**0.088J**	ug/L	0.24	0.034	5	06/24/14 07:49	06/24/14 19:11	83-32-9	H3
Acenaphthylene	**0.14J**	ug/L	0.24	0.032	5	06/24/14 07:49	06/24/14 19:11	208-96-8	H3
Anthracene	**0.40**	ug/L	0.24	0.034	5	06/24/14 07:49	06/24/14 19:11	120-12-7	H3
Benzo(a)anthracene	**1.1**	ug/L	0.24	0.027	5	06/24/14 07:49	06/24/14 19:11	56-55-3	H3
Benzo(a)pyrene	**0.87**	ug/L	0.24	0.043	5	06/24/14 07:49	06/24/14 19:11	50-32-8	H3
Benzo(b)fluoranthene	**1.0**	ug/L	0.24	0.031	5	06/24/14 07:49	06/24/14 19:11	205-99-2	H3
Benzo(g,h,i)perylene	**0.81**	ug/L	0.24	0.019	5	06/24/14 07:49	06/24/14 19:11	191-24-2	H3
Benzo(k)fluoranthene	**0.84**	ug/L	0.24	0.014	5	06/24/14 07:49	06/24/14 19:11	207-08-9	H3
Chrysene	**1.2**	ug/L	0.24	0.015	5	06/24/14 07:49	06/24/14 19:11	218-01-9	H3
Dibenz(a,h)anthracene	**0.28**	ug/L	0.24	0.029	5	06/24/14 07:49	06/24/14 19:11	53-70-3	H3
Fluoranthene	**2.1**	ug/L	0.24	0.036	5	06/24/14 07:49	06/24/14 19:11	206-44-0	H3
Fluorene	**0.19J**	ug/L	0.24	0.033	5	06/24/14 07:49	06/24/14 19:11	86-73-7	H3
Indeno(1,2,3-cd)pyrene	**0.68**	ug/L	0.24	0.024	5	06/24/14 07:49	06/24/14 19:11	193-39-5	H3
1-Methylnaphthalene	**0.041J**	ug/L	0.24	0.031	5	06/24/14 07:49	06/24/14 19:11	90-12-0	H3
2-Methylnaphthalene	**0.043J**	ug/L	0.24	0.032	5	06/24/14 07:49	06/24/14 19:11	91-57-6	H3
Naphthalene	**0.11J**	ug/L	0.24	0.040	5	06/24/14 07:49	06/24/14 19:11	91-20-3	H3
Phenanthrene	**0.81**	ug/L	0.24	0.041	5	06/24/14 07:49	06/24/14 19:11	85-01-8	H3
Pyrene	**1.8**	ug/L	0.24	0.038	5	06/24/14 07:49	06/24/14 19:11	129-00-0	H3
Surrogates									
2-Fluorobiphenyl (S)	63	%	24-130		5	06/24/14 07:49	06/24/14 19:11	321-60-8	
Terphenyl-d14 (S)	72	%	44-169		5	06/24/14 07:49	06/24/14 19:11	1718-51-0	

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ANALYTICAL RESULTS

Project: PARKS PIONEER
Pace Project No.: 4098134

Sample: MW-3 Lab ID: 4098134003 Collected: 06/06/14 12:05 Received: 06/17/14 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	<0.40	ug/L	1.0	0.40	1		06/18/14 15:55	71-43-2	
Ethylbenzene	<0.39	ug/L	1.0	0.39	1		06/18/14 15:55	100-41-4	
Methyl-tert-butyl ether	<0.48	ug/L	1.0	0.48	1		06/18/14 15:55	1634-04-4	
Naphthalene	<0.42	ug/L	1.0	0.42	1		06/18/14 15:55	91-20-3	
Toluene	<0.39	ug/L	1.0	0.39	1		06/18/14 15:55	108-88-3	
1,2,4-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		06/18/14 15:55	95-63-6	
1,3,5-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		06/18/14 15:55	108-67-8	
m&p-Xylene	<0.80	ug/L	2.0	0.80	1		06/18/14 15:55	179601-23-1	
o-Xylene	<0.45	ug/L	1.0	0.45	1		06/18/14 15:55	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	99	%	80-120		1		06/18/14 15:55	98-08-8	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	<0.0068	ug/L	0.047	0.0068	1	06/24/14 07:49	06/24/14 11:44	83-32-9	H3
Acenaphthylene	<0.0063	ug/L	0.047	0.0063	1	06/24/14 07:49	06/24/14 11:44	208-96-8	H3
Anthracene	0.012J	ug/L	0.047	0.0067	1	06/24/14 07:49	06/24/14 11:44	120-12-7	H3
Benzo(a)anthracene	0.014J	ug/L	0.047	0.0053	1	06/24/14 07:49	06/24/14 11:44	56-55-3	H3
Benzo(a)pyrene	0.017J	ug/L	0.047	0.0087	1	06/24/14 07:49	06/24/14 11:44	50-32-8	H3
Benzo(b)fluoranthene	0.034J	ug/L	0.047	0.0062	1	06/24/14 07:49	06/24/14 11:44	205-99-2	H3
Benzo(g,h,i)perylene	0.021J	ug/L	0.047	0.0037	1	06/24/14 07:49	06/24/14 11:44	191-24-2	H3
Benzo(k)fluoranthene	0.019J	ug/L	0.047	0.0028	1	06/24/14 07:49	06/24/14 11:44	207-08-9	H3
Chrysene	0.024J	ug/L	0.047	0.0030	1	06/24/14 07:49	06/24/14 11:44	218-01-9	H3
Dibenz(a,h)anthracene	<0.0059	ug/L	0.047	0.0059	1	06/24/14 07:49	06/24/14 11:44	53-70-3	H3
Fluoranthene	0.025J	ug/L	0.047	0.0072	1	06/24/14 07:49	06/24/14 11:44	206-44-0	H3
Fluorene	<0.0066	ug/L	0.047	0.0066	1	06/24/14 07:49	06/24/14 11:44	86-73-7	H3
Indeno(1,2,3-cd)pyrene	0.013J	ug/L	0.047	0.0049	1	06/24/14 07:49	06/24/14 11:44	193-39-5	H3
1-Methylnaphthalene	<0.0062	ug/L	0.047	0.0062	1	06/24/14 07:49	06/24/14 11:44	90-12-0	H3
2-Methylnaphthalene	<0.0064	ug/L	0.047	0.0064	1	06/24/14 07:49	06/24/14 11:44	91-57-6	H3
Naphthalene	0.013J	ug/L	0.047	0.0081	1	06/24/14 07:49	06/24/14 11:44	91-20-3	H3
Phenanthrene	0.016J	ug/L	0.047	0.0083	1	06/24/14 07:49	06/24/14 11:44	85-01-8	H3
Pyrene	0.025J	ug/L	0.047	0.0076	1	06/24/14 07:49	06/24/14 11:44	129-00-0	H3
Surrogates									
2-Fluorobiphenyl (S)	61	%	24-130		1	06/24/14 07:49	06/24/14 11:44	321-60-8	
Terphenyl-d14 (S)	96	%	44-169		1	06/24/14 07:49	06/24/14 11:44	1718-51-0	

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ANALYTICAL RESULTS

Project: PARKS PIONEER
Pace Project No.: 4098134

Sample: MW-4 Lab ID: 4098134004 Collected: 06/06/14 12:00 Received: 06/17/14 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		06/18/14 16:24	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		06/18/14 16:24	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		06/18/14 16:24	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		06/18/14 16:24	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		06/18/14 16:24	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/18/14 16:24	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/18/14 16:24	108-67-8	
m&p-Xylene	**<0.80**	ug/L	2.0	0.80	1		06/18/14 16:24	179601-23-1	
o-Xylene	**<0.45**	ug/L	1.0	0.45	1		06/18/14 16:24	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1		06/18/14 16:24	98-08-8	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0068**	ug/L	0.047	0.0068	1	06/24/14 07:49	06/24/14 13:21	83-32-9	H3
Acenaphthylene	**<0.0063**	ug/L	0.047	0.0063	1	06/24/14 07:49	06/24/14 13:21	208-96-8	H3
Anthracene	**0.011J**	ug/L	0.047	0.0067	1	06/24/14 07:49	06/24/14 13:21	120-12-7	H3
Benzo(a)anthracene	**<0.0053**	ug/L	0.047	0.0053	1	06/24/14 07:49	06/24/14 13:21	56-55-3	H3
Benzo(a)pyrene	**<0.0087**	ug/L	0.047	0.0087	1	06/24/14 07:49	06/24/14 13:21	50-32-8	H3
Benzo(b)fluoranthene	**0.022J**	ug/L	0.047	0.0062	1	06/24/14 07:49	06/24/14 13:21	205-99-2	H3
Benzo(g,h,i)perylene	**0.0059J**	ug/L	0.047	0.0037	1	06/24/14 07:49	06/24/14 13:21	191-24-2	H3
Benzo(k)fluoranthene	**<0.0028**	ug/L	0.047	0.0028	1	06/24/14 07:49	06/24/14 13:21	207-08-9	H3
Chrysene	**0.011J**	ug/L	0.047	0.0030	1	06/24/14 07:49	06/24/14 13:21	218-01-9	H3
Dibenz(a,h)anthracene	**<0.0059**	ug/L	0.047	0.0059	1	06/24/14 07:49	06/24/14 13:21	53-70-3	H3
Fluoranthene	**<0.0072**	ug/L	0.047	0.0072	1	06/24/14 07:49	06/24/14 13:21	206-44-0	H3
Fluorene	**<0.0066**	ug/L	0.047	0.0066	1	06/24/14 07:49	06/24/14 13:21	86-73-7	H3
Indeno(1,2,3-cd)pyrene	**<0.0049**	ug/L	0.047	0.0049	1	06/24/14 07:49	06/24/14 13:21	193-39-5	H3
1-Methylnaphthalene	**<0.0062**	ug/L	0.047	0.0062	1	06/24/14 07:49	06/24/14 13:21	90-12-0	H3
2-Methylnaphthalene	**<0.0064**	ug/L	0.047	0.0064	1	06/24/14 07:49	06/24/14 13:21	91-57-6	H3
Naphthalene	**<0.0081**	ug/L	0.047	0.0081	1	06/24/14 07:49	06/24/14 13:21	91-20-3	H3
Phenanthrene	**0.0097J**	ug/L	0.047	0.0083	1	06/24/14 07:49	06/24/14 13:21	85-01-8	H3
Pyrene	**0.011J**	ug/L	0.047	0.0076	1	06/24/14 07:49	06/24/14 13:21	129-00-0	H3
Surrogates									
2-Fluorobiphenyl (S)	75	%	24-130		1	06/24/14 07:49	06/24/14 13:21	321-60-8	
Terphenyl-d14 (S)	109	%	44-169		1	06/24/14 07:49	06/24/14 13:21	1718-51-0	

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ANALYTICAL RESULTS

Project: PARKS PIONEER
Pace Project No.: 4098134

Sample: MW-5 **Lab ID: 4098134005** Collected: 06/06/14 11:55 Received: 06/17/14 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	<0.40	ug/L	1.0	0.40	1		06/18/14 16:52	71-43-2	
Ethylbenzene	<0.39	ug/L	1.0	0.39	1		06/18/14 16:52	100-41-4	
Methyl-tert-butyl ether	<0.48	ug/L	1.0	0.48	1		06/18/14 16:52	1634-04-4	
Naphthalene	<0.42	ug/L	1.0	0.42	1		06/18/14 16:52	91-20-3	
Toluene	<0.39	ug/L	1.0	0.39	1		06/18/14 16:52	108-88-3	
1,2,4-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		06/18/14 16:52	95-63-6	
1,3,5-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		06/18/14 16:52	108-67-8	
m&p-Xylene	<0.80	ug/L	2.0	0.80	1		06/18/14 16:52	179601-23-1	
o-Xylene	<0.45	ug/L	1.0	0.45	1		06/18/14 16:52	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	99	%	80-120		1		06/18/14 16:52	98-08-8	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	<0.0068	ug/L	0.047	0.0068	1	06/24/14 07:49	06/24/14 13:38	83-32-9	H3
Acenaphthylene	<0.0063	ug/L	0.047	0.0063	1	06/24/14 07:49	06/24/14 13:38	208-96-8	H3
Anthracene	<0.0067	ug/L	0.047	0.0067	1	06/24/14 07:49	06/24/14 13:38	120-12-7	H3
Benzo(a)anthracene	0.0076J	ug/L	0.047	0.0053	1	06/24/14 07:49	06/24/14 13:38	56-55-3	H3
Benzo(a)pyrene	<0.0087	ug/L	0.047	0.0087	1	06/24/14 07:49	06/24/14 13:38	50-32-8	H3
Benzo(b)fluoranthene	0.028J	ug/L	0.047	0.0062	1	06/24/14 07:49	06/24/14 13:38	205-99-2	H3
Benzo(g,h,i)perylene	0.011J	ug/L	0.047	0.0037	1	06/24/14 07:49	06/24/14 13:38	191-24-2	H3
Benzo(k)fluoranthene	0.0066J	ug/L	0.047	0.0028	1	06/24/14 07:49	06/24/14 13:38	207-08-9	H3
Chrysene	0.020J	ug/L	0.047	0.0030	1	06/24/14 07:49	06/24/14 13:38	218-01-9	H3
Dibenz(a,h)anthracene	<0.0059	ug/L	0.047	0.0059	1	06/24/14 07:49	06/24/14 13:38	53-70-3	H3
Fluoranthene	0.017J	ug/L	0.047	0.0072	1	06/24/14 07:49	06/24/14 13:38	206-44-0	H3
Fluorene	<0.0066	ug/L	0.047	0.0066	1	06/24/14 07:49	06/24/14 13:38	86-73-7	H3
Indeno(1,2,3-cd)pyrene	0.0058J	ug/L	0.047	0.0049	1	06/24/14 07:49	06/24/14 13:38	193-39-5	H3
1-Methylnaphthalene	<0.0062	ug/L	0.047	0.0062	1	06/24/14 07:49	06/24/14 13:38	90-12-0	H3
2-Methylnaphthalene	<0.0064	ug/L	0.047	0.0064	1	06/24/14 07:49	06/24/14 13:38	91-57-6	H3
Naphthalene	<0.0081	ug/L	0.047	0.0081	1	06/24/14 07:49	06/24/14 13:38	91-20-3	H3
Phenanthrene	0.017J	ug/L	0.047	0.0083	1	06/24/14 07:49	06/24/14 13:38	85-01-8	H3
Pyrene	0.032J	ug/L	0.047	0.0076	1	06/24/14 07:49	06/24/14 13:38	129-00-0	H3
Surrogates									
2-Fluorobiphenyl (S)	50	%	24-130		1	06/24/14 07:49	06/24/14 13:38	321-60-8	
Terphenyl-d14 (S)	109	%	44-169		1	06/24/14 07:49	06/24/14 13:38	1718-51-0	

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ANALYTICAL RESULTS

Project: PARKS PIONEER
Pace Project No.: 4098134

Sample: MW-6 **Lab ID: 4098134006** Collected: 06/06/14 11:50 Received: 06/17/14 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		06/18/14 17:21	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		06/18/14 17:21	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		06/18/14 17:21	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		06/18/14 17:21	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		06/18/14 17:21	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/18/14 17:21	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/18/14 17:21	108-67-8	
m&p-Xylene	**<0.80**	ug/L	2.0	0.80	1		06/18/14 17:21	179601-23-1	
o-Xylene	**<0.45**	ug/L	1.0	0.45	1		06/18/14 17:21	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1		06/18/14 17:21	98-08-8	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0068**	ug/L	0.047	0.0068	1	06/24/14 07:49	06/24/14 13:56	83-32-9	H3
Acenaphthylene	**<0.0063**	ug/L	0.047	0.0063	1	06/24/14 07:49	06/24/14 13:56	208-96-8	H3
Anthracene	**<0.0067**	ug/L	0.047	0.0067	1	06/24/14 07:49	06/24/14 13:56	120-12-7	H3
Benzo(a)anthracene	**0.011J**	ug/L	0.047	0.0053	1	06/24/14 07:49	06/24/14 13:56	56-55-3	H3
Benzo(a)pyrene	**0.010J**	ug/L	0.047	0.0087	1	06/24/14 07:49	06/24/14 13:56	50-32-8	H3
Benzo(b)fluoranthene	**0.032J**	ug/L	0.047	0.0062	1	06/24/14 07:49	06/24/14 13:56	205-99-2	H3
Benzo(g,h,i)perylene	**0.014J**	ug/L	0.047	0.0037	1	06/24/14 07:49	06/24/14 13:56	191-24-2	H3
Benzo(k)fluoranthene	**0.013J**	ug/L	0.047	0.0028	1	06/24/14 07:49	06/24/14 13:56	207-08-9	H3
Chrysene	**0.026J**	ug/L	0.047	0.0030	1	06/24/14 07:49	06/24/14 13:56	218-01-9	H3
Dibenz(a,h)anthracene	**<0.0059**	ug/L	0.047	0.0059	1	06/24/14 07:49	06/24/14 13:56	53-70-3	H3
Fluoranthene	**0.024J**	ug/L	0.047	0.0072	1	06/24/14 07:49	06/24/14 13:56	206-44-0	H3
Fluorene	**<0.0066**	ug/L	0.047	0.0066	1	06/24/14 07:49	06/24/14 13:56	86-73-7	H3
Indeno(1,2,3-cd)pyrene	**0.0090J**	ug/L	0.047	0.0049	1	06/24/14 07:49	06/24/14 13:56	193-39-5	H3
1-Methylnaphthalene	**<0.0062**	ug/L	0.047	0.0062	1	06/24/14 07:49	06/24/14 13:56	90-12-0	H3
2-Methylnaphthalene	**0.0073J**	ug/L	0.047	0.0064	1	06/24/14 07:49	06/24/14 13:56	91-57-6	H3
Naphthalene	**<0.0081**	ug/L	0.047	0.0081	1	06/24/14 07:49	06/24/14 13:56	91-20-3	H3
Phenanthrene	**0.016J**	ug/L	0.047	0.0083	1	06/24/14 07:49	06/24/14 13:56	85-01-8	H3
Pyrene	**0.035J**	ug/L	0.047	0.0076	1	06/24/14 07:49	06/24/14 13:56	129-00-0	H3
Surrogates									
2-Fluorobiphenyl (S)	68	%	24-130		1	06/24/14 07:49	06/24/14 13:56	321-60-8	
Terphenyl-d14 (S)	90	%	44-169		1	06/24/14 07:49	06/24/14 13:56	1718-51-0	

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QUALITY CONTROL DATA

Project: PARKS PIONEER
Pace Project No.: 4098134

QC Batch: GCV/12562 Analysis Method: WI MOD GRO
QC Batch Method: WI MOD GRO Analysis Description: WIGRO GCV Water
Associated Lab Samples: 4098134001, 4098134002, 4098134003, 4098134004, 4098134005, 4098134006

METHOD BLANK: 991755 Matrix: Water
Associated Lab Samples: 4098134001, 4098134002, 4098134003, 4098134004, 4098134005, 4098134006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.42	1.0	06/18/14 08:42	
1,3,5-Trimethylbenzene	ug/L	<0.42	1.0	06/18/14 08:42	
Benzene	ug/L	<0.40	1.0	06/18/14 08:42	
Ethylbenzene	ug/L	<0.39	1.0	06/18/14 08:42	
m&p-Xylene	ug/L	<0.80	2.0	06/18/14 08:42	
Methyl-tert-butyl ether	ug/L	<0.48	1.0	06/18/14 08:42	
Naphthalene	ug/L	<0.42	1.0	06/18/14 08:42	
o-Xylene	ug/L	<0.45	1.0	06/18/14 08:42	
Toluene	ug/L	<0.39	1.0	06/18/14 08:42	
a,a,a-Trifluorotoluene (S)	%	99	80-120	06/18/14 08:42	

LABORATORY CONTROL SAMPLE & LCSD: 991756 991757

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	20.5	19.9	103	100	80-120	3	20	
1,3,5-Trimethylbenzene	ug/L	20	20.1	19.5	100	97	80-120	3	20	
Benzene	ug/L	20	20.1	19.7	100	99	80-120	2	20	
Ethylbenzene	ug/L	20	20.0	19.5	100	97	80-120	3	20	
m&p-Xylene	ug/L	40	39.9	38.7	100	97	80-120	3	20	
Methyl-tert-butyl ether	ug/L	20	19.4	19.5	97	97	80-120	0	20	
Naphthalene	ug/L	20	18.7	19.3	94	96	80-120	3	20	
o-Xylene	ug/L	20	19.9	19.3	99	97	80-120	3	20	
Toluene	ug/L	20	20.1	19.7	101	98	80-120	2	20	
a,a,a-Trifluorotoluene (S)	%				100	100	80-120			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 991989 991990

Parameter	Units	10271012009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trimethylbenzene	ug/L	4710	4000	4000	8930	9310	106	115	26-200	4	20	
1,3,5-Trimethylbenzene	ug/L	1300	4000	4000	5650	5840	109	113	70-160	3	20	
Benzene	ug/L	11000	4000	4000	15400	15500	110	113	49-165	1	20	
Ethylbenzene	ug/L	6670	4000	4000	11100	11300	112	116	59-156	2	20	
m&p-Xylene	ug/L	21800	8000	8000	30300	30900	107	114	49-164	2	20	
Methyl-tert-butyl ether	ug/L	ND	4000	4000	4490	4460	112	112	80-127	1	20	
Naphthalene	ug/L	1170	4000	4000	5350	5690	104	113	71-130	6	20	
o-Xylene	ug/L	9950	4000	4000	14200	14500	107	113	70-137	1	20	
Toluene	ug/L	39600	4000	4000	43900	44200	108	115	80-135	1	20	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PARKS PIONEER
Pace Project No.: 4098134

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 991989 991990

Parameter	Units	10271012009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
a,a,a-Trifluorotoluene (S)	%						103	101	80-120			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: PARKS PIONEER
Pace Project No.: 4098134

QC Batch: OEXT/22868 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3510 Analysis Description: 8270 Water PAH by SIM MSSV
Associated Lab Samples: 4098134001, 4098134002, 4098134003, 4098134004, 4098134005, 4098134006

METHOD BLANK: 995175 Matrix: Water
Associated Lab Samples: 4098134001, 4098134002, 4098134003, 4098134004, 4098134005, 4098134006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.0066	0.050	06/24/14 10:52	
2-Methylnaphthalene	ug/L	<0.0068	0.050	06/24/14 10:52	
Acenaphthene	ug/L	<0.0073	0.050	06/24/14 10:52	
Acenaphthylene	ug/L	<0.0067	0.050	06/24/14 10:52	
Anthracene	ug/L	<0.0071	0.050	06/24/14 10:52	
Benzo(a)anthracene	ug/L	<0.0056	0.050	06/24/14 10:52	
Benzo(a)pyrene	ug/L	<0.0092	0.050	06/24/14 10:52	
Benzo(b)fluoranthene	ug/L	<0.0065	0.050	06/24/14 10:52	
Benzo(g,h,i)perylene	ug/L	<0.0040	0.050	06/24/14 10:52	
Benzo(k)fluoranthene	ug/L	<0.0029	0.050	06/24/14 10:52	
Chrysene	ug/L	<0.0032	0.050	06/24/14 10:52	
Dibenz(a,h)anthracene	ug/L	<0.0062	0.050	06/24/14 10:52	
Fluoranthene	ug/L	<0.0076	0.050	06/24/14 10:52	
Fluorene	ug/L	<0.0070	0.050	06/24/14 10:52	
Indeno(1,2,3-cd)pyrene	ug/L	<0.0052	0.050	06/24/14 10:52	
Naphthalene	ug/L	<0.0086	0.050	06/24/14 10:52	
Phenanthrene	ug/L	<0.0088	0.050	06/24/14 10:52	
Pyrene	ug/L	<0.0080	0.050	06/24/14 10:52	
2-Fluorobiphenyl (S)	%	70	24-130	06/24/14 10:52	
Terphenyl-d14 (S)	%	105	44-169	06/24/14 10:52	

LABORATORY CONTROL SAMPLE: 995176

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	.2	0.094	47	35-130	
2-Methylnaphthalene	ug/L	.2	0.088	44	32-130	
Acenaphthene	ug/L	.2	0.11	53	30-130	
Acenaphthylene	ug/L	.2	0.10	51	28-130	
Anthracene	ug/L	.2	0.11	56	22-130	
Benzo(a)anthracene	ug/L	.2	0.12	60	40-130	
Benzo(a)pyrene	ug/L	.2	0.19	95	51-130	
Benzo(b)fluoranthene	ug/L	.2	0.14	70	45-130	
Benzo(g,h,i)perylene	ug/L	.2	0.20	100	59-130	
Benzo(k)fluoranthene	ug/L	.2	0.21	107	60-130	
Chrysene	ug/L	.2	0.21	106	62-130	
Dibenz(a,h)anthracene	ug/L	.2	0.17	86	51-130	
Fluoranthene	ug/L	.2	0.13	66	43-130	
Fluorene	ug/L	.2	0.10	52	29-130	
Indeno(1,2,3-cd)pyrene	ug/L	.2	0.19	94	56-130	
Naphthalene	ug/L	.2	0.11	53	30-130	

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALITY CONTROL DATA

Project: PARKS PIONEER
Pace Project No.: 4098134

LABORATORY CONTROL SAMPLE: 995176

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/L	.2	0.096	48	29-130	
Pyrene	ug/L	.2	0.14	69	38-130	
2-Fluorobiphenyl (S)	%			55	24-130	
Terphenyl-d14 (S)	%			82	44-169	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 995177 995178

Parameter	Units	4098305009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	0.030J	.19	.19	0.11	0.14	43	55	10-130	20	50	
2-Methylnaphthalene	ug/L	<0.0068	.19	.19	0.090	0.093	44	45	10-130	4	50	
Acenaphthene	ug/L	0.043J	.19	.19	0.13	0.13	42	45	10-130	5	50	
Acenaphthylene	ug/L	0.014J	.19	.19	0.10	0.11	47	51	10-130	8	50	
Anthracene	ug/L	0.019J	.19	.19	0.12	0.13	52	57	10-130	9	45	
Benzo(a)anthracene	ug/L	0.053	.19	.19	0.17	0.17	58	61	22-130	4	21	
Benzo(a)pyrene	ug/L	0.044J	.19	.19	0.18	0.20	72	78	40-130	6	20	
Benzo(b)fluoranthene	ug/L	0.039J	.19	.19	0.16	0.20	60	84	23-130	26	23	R1
Benzo(g,h,i)perylene	ug/L	0.029J	.19	.19	0.20	0.21	86	93	30-130	7	21	
Benzo(k)fluoranthene	ug/L	0.040J	.19	.19	0.17	0.15	66	57	50-130	10	20	
Chrysene	ug/L	0.083	.19	.19	0.20	0.21	58	67	32-147	8	20	
Dibenz(a,h)anthracene	ug/L	<0.0062	.19	.19	0.19	0.20	95	101	14-130	6	26	
Fluoranthene	ug/L	0.081	.19	.19	0.16	0.18	43	49	37-130	8	30	
Fluorene	ug/L	0.0072J	.19	.19	0.097	0.11	46	51	10-130	10	50	
Indeno(1,2,3-cd)pyrene	ug/L	0.018J	.19	.19	0.19	0.21	91	97	27-130	6	23	
Naphthalene	ug/L	0.022J	.19	.19	0.11	0.12	45	49	10-130	6	50	
Phenanthrene	ug/L	0.038J	.19	.19	0.11	0.12	36	41	13-130	9	50	
Pyrene	ug/L	0.13	.19	.19	0.17	0.18	20	28	34-130	9	32	M1
2-Fluorobiphenyl (S)	%						45	48	24-130			
Terphenyl-d14 (S)	%						81	87	44-169			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

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QUALIFIERS

Project: PARKS PIONEER
Pace Project No.: 4098134

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

LOD - Limit of Detection.

LOQ - Limit of Quantitation.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: MSSV/6883

[IP]	Benzo(b)fluoranthene and benzo(k)fluoranthene were in the check standard but did not meet the resolution criteria in SW846 Method 8270C. Whereas sample results included are reported as individual isomers, the lab and the customer must recognize them as an isomeric pair.

ANALYTE QUALIFIERS

H3	Sample was received or analysis requested beyond the recognized method holding time.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
R1	RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PARKS PIONEER
Pace Project No.: 4098134

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4098134001	MW-1	WI MOD GRO	GCV/12562		
4098134002	MW-2	WI MOD GRO	GCV/12562		
4098134003	MW-3	WI MOD GRO	GCV/12562		
4098134004	MW-4	WI MOD GRO	GCV/12562		
4098134005	MW-5	WI MOD GRO	GCV/12562		
4098134006	MW-6	WI MOD GRO	GCV/12562		
4098134001	MW-1	EPA 3510	OEXT/22868	EPA 8270 by SIM	MSSV/6883
4098134002	MW-2	EPA 3510	OEXT/22868	EPA 8270 by SIM	MSSV/6883
4098134003	MW-3	EPA 3510	OEXT/22868	EPA 8270 by SIM	MSSV/6883
4098134004	MW-4	EPA 3510	OEXT/22868	EPA 8270 by SIM	MSSV/6883
4098134005	MW-5	EPA 3510	OEXT/22868	EPA 8270 by SIM	MSSV/6883
4098134006	MW-6	EPA 3510	OEXT/22868	EPA 8270 by SIM	MSSV/6883

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6/17/14 SOW

CHAIN OF CUSTODY

4098134

(Please Print Clearly)	
Company Name:	Chem Report, Inc
Branch/Location:	Kenosha
Project Contact:	Sean Crawley
Phone:	(262) 654-7020
Project Number:	
Project Name:	Parks Pioneer
Project State:	WI
Sampled By (Print):	Sean Crawley
Sampled By (Sign):	Sean Crawley
PO #:	Regulatory Program:

Quote #:	PECFA U&C
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SL = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested: 7718	Analyses Requested: Flak Letter	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					FILTERED? (YES/NO)	PRESERVATION (CODE)*			
001	MW-1	6/6/14	1210	GW	X	X	3-40mlVB 1-1LAG*		
002	MW-2	↓	1415	↓	↓	↓	↓		
003	MW-3	↓	1205	↓	↓	↓	↓		
004	MW-4	↓	1200	↓	↓	↓	↓		
005	MW-5	↓	1155	↓	↓	↓	↓		
006	MW-6	↓	1150	↓	↓	↓	↓		

Analyses Requested: PVOCs + Naphs; PAHs

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	scrawley@chemreport.com
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	6/16/14 10:38	Mary Fann	6/16/14 10:38
Mary Fann	6/16/14 1300		
CS Logistics	6/17/14 0800	S Boulanger	6/17/14 0800

PACE Project No. 4098134

Receipt Temp = 2 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

C019a(27Jun2006)

ORIGINAL

Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Pace Analytical™

Project # WO#: 4098134

4098134

Client Name: Chem Report Inc

Courier: ☐ Fed Ex ☐ UPS ☐ Client ☐ Pace Other: CS logistics

Tracking #:

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals Intact: ☑ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☑ no Seals Intact: ☐ yes ☐ no

Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other

Thermometer Used NA Type of Ice: (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: Rol /Corr: Biological Tissue Is Frozen: ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 6/17/14
Initials: SB

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5. Past hold PAH SB 6/17/14
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☑Yes ☐No ☐N/A	6. See above SB 6/17/14
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☑No ☐N/A	11.
Sample Labels match COC:	☐Yes ☑No ☐N/A	12. No dates or times on samples SB 6/17/14
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes ☐No ☑N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 <2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☑Yes ☐No	Initial when completed / Lab Std #ID of preservative / Date/Time:
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	14.
Trip Blank Present:	☐Yes ☑No ☐N/A	15.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: Date: 6/17/14

F-GB-C-031-Rev.02 (28Oct2013) SCUR Form

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November 14, 2014

Sean Cranley
Chem Report, Inc.
9725 12th Street
Kenosha, WI 53144

RE: Project: PARKS PIONEER
Pace Project No.: 40106840

Dear Sean Cranley:
Enclosed are the analytical results for sample(s) received by the laboratory on November 11, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Christopher Hyska

Christopher Hyska
christopher.hyska@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: PARKS PIONEER
Pace Project No.: 40106840

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

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SAMPLE SUMMARY

Project: PARKS PIONEER
Pace Project No.: 40106840

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40106840001	MW-1	Water	11/07/14 13:10	11/11/14 09:00
40106840002	MW-2	Water	11/07/14 13:15	11/11/14 09:00
40106840003	MW-3	Water	11/07/14 13:20	11/11/14 09:00
40106840004	MW-4	Water	11/07/14 13:25	11/11/14 09:00
40106840005	MW-5	Water	11/07/14 13:00	11/11/14 09:00
40106840006	MW-6	Water	11/07/14 13:05	11/11/14 09:00

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SAMPLE ANALYTE COUNT

Project: PARKS PIONEER
Pace Project No.: 40106840

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40106840001	MW-1	WI MOD GRO	MRS	10	PASI-G
		EPA 8270 by HVI	RJN	20	PASI-G
40106840002	MW-2	WI MOD GRO	MRS	10	PASI-G
		EPA 8270 by HVI	RJN	20	PASI-G
40106840003	MW-3	WI MOD GRO	MRS	10	PASI-G
		EPA 8270 by HVI	RJN	20	PASI-G
40106840004	MW-4	WI MOD GRO	MRS	10	PASI-G
		EPA 8270 by HVI	RJN	20	PASI-G
40106840005	MW-5	WI MOD GRO	MRS	10	PASI-G
		EPA 8270 by HVI	RJN	20	PASI-G
40106840006	MW-6	WI MOD GRO	MRS	10	PASI-G
		EPA 8270 by HVI	RJN	20	PASI-G

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ANALYTICAL RESULTS

Project: PARKS PIONEER
Pace Project No.: 40106840

Sample: MW-1 Lab ID: 40106840001 Collected: 11/07/14 13:10 Received: 11/11/14 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**2.8**	ug/L	1.0	0.40	1		11/12/14 18:46	71-43-2	
Ethylbenzene	**29.6**	ug/L	1.0	0.39	1		11/12/14 18:46	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		11/12/14 18:46	1634-04-4	
Naphthalene	**4.3**	ug/L	1.0	0.42	1		11/12/14 18:46	91-20-3	
Toluene	**4.7**	ug/L	1.0	0.39	1		11/12/14 18:46	108-88-3	
1,2,4-Trimethylbenzene	**9.6**	ug/L	1.0	0.42	1		11/12/14 18:46	95-63-6	
1,3,5-Trimethylbenzene	**3.5**	ug/L	1.0	0.42	1		11/12/14 18:46	108-67-8	
m&p-Xylene	**12.1**	ug/L	2.0	0.80	1		11/12/14 18:46	179601-23-1	
o-Xylene	**3.4**	ug/L	1.0	0.45	1		11/12/14 18:46	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	105	%	80-120		1		11/12/14 18:46	98-08-8	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**0.0041J**	ug/L	0.045	0.0033	1	11/12/14 08:28	11/13/14 12:02	83-32-9	
Acenaphthylene	**<0.0028**	ug/L	0.045	0.0028	1	11/12/14 08:28	11/13/14 12:02	208-96-8	
Anthracene	**0.027J**	ug/L	0.045	0.0023	1	11/12/14 08:28	11/13/14 12:02	120-12-7	
Benzo(a)anthracene	**0.020J**	ug/L	0.045	0.0031	1	11/12/14 08:28	11/13/14 12:02	56-55-3	
Benzo(a)pyrene	**0.017J**	ug/L	0.045	0.0024	1	11/12/14 08:28	11/13/14 12:02	50-32-8	
Benzo(b)fluoranthene	**0.029J**	ug/L	0.045	0.0047	1	11/12/14 08:28	11/13/14 12:02	205-99-2	
Benzo(g,h,i)perylene	**0.017J**	ug/L	0.045	0.0049	1	11/12/14 08:28	11/13/14 12:02	191-24-2	
Benzo(k)fluoranthene	**0.011J**	ug/L	0.045	0.0045	1	11/12/14 08:28	11/13/14 12:02	207-08-9	
Chrysene	**0.031J**	ug/L	0.045	0.0058	1	11/12/14 08:28	11/13/14 12:02	218-01-9	
Dibenz(a,h)anthracene	**<0.0031**	ug/L	0.045	0.0031	1	11/12/14 08:28	11/13/14 12:02	53-70-3	
Fluoranthene	**0.037J**	ug/L	0.045	0.0046	1	11/12/14 08:28	11/13/14 12:02	206-44-0	
Fluorene	**0.0062J**	ug/L	0.045	0.0027	1	11/12/14 08:28	11/13/14 12:02	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.011J**	ug/L	0.045	0.0033	1	11/12/14 08:28	11/13/14 12:02	193-39-5	
1-Methylnaphthalene	**0.10**	ug/L	0.045	0.0057	1	11/12/14 08:28	11/13/14 12:02	90-12-0	
2-Methylnaphthalene	**0.059**	ug/L	0.045	0.0077	1	11/12/14 08:28	11/13/14 12:02	91-57-6	
Naphthalene	**0.50**	ug/L	0.045	0.0056	1	11/12/14 08:28	11/13/14 12:02	91-20-3	
Phenanthrene	**0.027J**	ug/L	0.045	0.0081	1	11/12/14 08:28	11/13/14 12:02	85-01-8	
Pyrene	**0.041J**	ug/L	0.045	0.0054	1	11/12/14 08:28	11/13/14 12:02	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	49	%	38-130		1	11/12/14 08:28	11/13/14 12:02	321-60-8	
Terphenyl-d14 (S)	54	%	18-145		1	11/12/14 08:28	11/13/14 12:02	1718-51-0	

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ANALYTICAL RESULTS

Project: PARKS PIONEER
Pace Project No.: 40106840

Sample: MW-2 **Lab ID: 40106840002** Collected: 11/07/14 13:15 **Received:** 11/11/14 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		11/12/14 16:38	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		11/12/14 16:38	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		11/12/14 16:38	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		11/12/14 16:38	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		11/12/14 16:38	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		11/12/14 16:38	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		11/12/14 16:38	108-67-8	
m&p-Xylene	**<0.80**	ug/L	2.0	0.80	1		11/12/14 16:38	179601-23-1	
o-Xylene	**<0.45**	ug/L	1.0	0.45	1		11/12/14 16:38	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1		11/12/14 16:38	98-08-8	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**0.065**	ug/L	0.045	0.0033	1	11/12/14 08:28	11/13/14 12:20	83-32-9	
Acenaphthylene	**0.11**	ug/L	0.045	0.0028	1	11/12/14 08:28	11/13/14 12:20	208-96-8	
Anthracene	**0.35**	ug/L	0.045	0.0023	1	11/12/14 08:28	11/13/14 12:20	120-12-7	
Benzo(a)anthracene	**0.54**	ug/L	0.045	0.0030	1	11/12/14 08:28	11/13/14 12:20	56-55-3	
Benzo(a)pyrene	**0.48**	ug/L	0.045	0.0024	1	11/12/14 08:28	11/13/14 12:20	50-32-8	
Benzo(b)fluoranthene	**0.72**	ug/L	0.045	0.0046	1	11/12/14 08:28	11/13/14 12:20	205-99-2	
Benzo(g,h,i)perylene	**0.38**	ug/L	0.045	0.0048	1	11/12/14 08:28	11/13/14 12:20	191-24-2	
Benzo(k)fluoranthene	**0.28**	ug/L	0.045	0.0045	1	11/12/14 08:28	11/13/14 12:20	207-08-9	
Chrysene	**0.72**	ug/L	0.045	0.0058	1	11/12/14 08:28	11/13/14 12:20	218-01-9	
Dibenz(a,h)anthracene	**0.084**	ug/L	0.045	0.0031	1	11/12/14 08:28	11/13/14 12:20	53-70-3	
Fluoranthene	**1.1**	ug/L	0.045	0.0046	1	11/12/14 08:28	11/13/14 12:20	206-44-0	
Fluorene	**0.21**	ug/L	0.045	0.0027	1	11/12/14 08:28	11/13/14 12:20	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.29**	ug/L	0.045	0.0033	1	11/12/14 08:28	11/13/14 12:20	193-39-5	
1-Methylnaphthalene	**0.044J**	ug/L	0.045	0.0057	1	11/12/14 08:28	11/13/14 12:20	90-12-0	
2-Methylnaphthalene	**0.041J**	ug/L	0.045	0.0076	1	11/12/14 08:28	11/13/14 12:20	91-57-6	
Naphthalene	**0.069**	ug/L	0.045	0.0055	1	11/12/14 08:28	11/13/14 12:20	91-20-3	B
Phenanthrene	**0.47**	ug/L	0.045	0.0080	1	11/12/14 08:28	11/13/14 12:20	85-01-8	
Pyrene	**1.4**	ug/L	0.045	0.0054	1	11/12/14 08:28	11/13/14 12:20	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	54	%	38-130		1	11/12/14 08:28	11/13/14 12:20	321-60-8	
Terphenyl-d14 (S)	56	%	18-145		1	11/12/14 08:28	11/13/14 12:20	1718-51-0	

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ANALYTICAL RESULTS

Project: PARKS PIONEER
Pace Project No.: 40106840

Sample: MW-3 Lab ID: **40106840003** Collected: 11/07/14 13:20 Received: 11/11/14 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	<0.40	ug/L	1.0	0.40	1		11/12/14 21:20	71-43-2	
Ethylbenzene	<0.39	ug/L	1.0	0.39	1		11/12/14 21:20	100-41-4	
Methyl-tert-butyl ether	<0.48	ug/L	1.0	0.48	1		11/12/14 21:20	1634-04-4	
Naphthalene	<0.42	ug/L	1.0	0.42	1		11/12/14 21:20	91-20-3	
Toluene	<0.39	ug/L	1.0	0.39	1		11/12/14 21:20	108-88-3	
1,2,4-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		11/12/14 21:20	95-63-6	
1,3,5-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		11/12/14 21:20	108-67-8	
m&p-Xylene	<0.80	ug/L	2.0	0.80	1		11/12/14 21:20	179601-23-1	
o-Xylene	<0.45	ug/L	1.0	0.45	1		11/12/14 21:20	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1		11/12/14 21:20	98-08-8	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	<0.0033	ug/L	0.045	0.0033	1	11/12/14 08:28	11/13/14 12:39	83-32-9	
Acenaphthylene	<0.0028	ug/L	0.045	0.0028	1	11/12/14 08:28	11/13/14 12:39	208-96-8	
Anthracene	0.0089J	ug/L	0.045	0.0023	1	11/12/14 08:28	11/13/14 12:39	120-12-7	
Benzo(a)anthracene	0.026J	ug/L	0.045	0.0030	1	11/12/14 08:28	11/13/14 12:39	56-55-3	
Benzo(a)pyrene	0.020J	ug/L	0.045	0.0024	1	11/12/14 08:28	11/13/14 12:39	50-32-8	
Benzo(b)fluoranthene	0.032J	ug/L	0.045	0.0046	1	11/12/14 08:28	11/13/14 12:39	205-99-2	
Benzo(g,h,i)perylene	0.019J	ug/L	0.045	0.0048	1	11/12/14 08:28	11/13/14 12:39	191-24-2	
Benzo(k)fluoranthene	0.013J	ug/L	0.045	0.0045	1	11/12/14 08:28	11/13/14 12:39	207-08-9	
Chrysene	0.032J	ug/L	0.045	0.0058	1	11/12/14 08:28	11/13/14 12:39	218-01-9	
Dibenz(a,h)anthracene	0.0041J	ug/L	0.045	0.0031	1	11/12/14 08:28	11/13/14 12:39	53-70-3	
Fluoranthene	0.032J	ug/L	0.045	0.0046	1	11/12/14 08:28	11/13/14 12:39	206-44-0	
Fluorene	0.0044J	ug/L	0.045	0.0027	1	11/12/14 08:28	11/13/14 12:39	86-73-7	
Indeno(1,2,3-cd)pyrene	0.013J	ug/L	0.045	0.0033	1	11/12/14 08:28	11/13/14 12:39	193-39-5	
1-Methylnaphthalene	0.0074J	ug/L	0.045	0.0057	1	11/12/14 08:28	11/13/14 12:39	90-12-0	
2-Methylnaphthalene	0.0086J	ug/L	0.045	0.0076	1	11/12/14 08:28	11/13/14 12:39	91-57-6	
Naphthalene	0.0070J	ug/L	0.045	0.0055	1	11/12/14 08:28	11/13/14 12:39	91-20-3	B
Phenanthrene	0.032J	ug/L	0.045	0.0080	1	11/12/14 08:28	11/13/14 12:39	85-01-8	
Pyrene	0.041J	ug/L	0.045	0.0054	1	11/12/14 08:28	11/13/14 12:39	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	59	%	38-130		1	11/12/14 08:28	11/13/14 12:39	321-60-8	
Terphenyl-d14 (S)	61	%	18-145		1	11/12/14 08:28	11/13/14 12:39	1718-51-0	

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ANALYTICAL RESULTS

Project: PARKS PIONEER
Pace Project No.: 40106840

Sample: MW-4 **Lab ID: 40106840004** Collected: 11/07/14 13:25 Received: 11/11/14 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	<0.40	ug/L	1.0	0.40	1		11/12/14 20:55	71-43-2	
Ethylbenzene	<0.39	ug/L	1.0	0.39	1		11/12/14 20:55	100-41-4	
Methyl-tert-butyl ether	<0.48	ug/L	1.0	0.48	1		11/12/14 20:55	1634-04-4	
Naphthalene	<0.42	ug/L	1.0	0.42	1		11/12/14 20:55	91-20-3	
Toluene	<0.39	ug/L	1.0	0.39	1		11/12/14 20:55	108-88-3	
1,2,4-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		11/12/14 20:55	95-63-6	
1,3,5-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		11/12/14 20:55	108-67-8	
m&p-Xylene	<0.80	ug/L	2.0	0.80	1		11/12/14 20:55	179601-23-1	
o-Xylene	<0.45	ug/L	1.0	0.45	1		11/12/14 20:55	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1		11/12/14 20:55	98-08-8	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	<0.0033	ug/L	0.045	0.0033	1	11/12/14 08:28	11/13/14 12:57	83-32-9	
Acenaphthylene	<0.0028	ug/L	0.045	0.0028	1	11/12/14 08:28	11/13/14 12:57	208-96-8	
Anthracene	0.012J	ug/L	0.045	0.0023	1	11/12/14 08:28	11/13/14 12:57	120-12-7	
Benzo(a)anthracene	<0.0030	ug/L	0.045	0.0030	1	11/12/14 08:28	11/13/14 12:57	56-55-3	
Benzo(a)pyrene	<0.0024	ug/L	0.045	0.0024	1	11/12/14 08:28	11/13/14 12:57	50-32-8	
Benzo(b)fluoranthene	<0.0046	ug/L	0.045	0.0046	1	11/12/14 08:28	11/13/14 12:57	205-99-2	
Benzo(g,h,i)perylene	<0.0048	ug/L	0.045	0.0048	1	11/12/14 08:28	11/13/14 12:57	191-24-2	
Benzo(k)fluoranthene	<0.0045	ug/L	0.045	0.0045	1	11/12/14 08:28	11/13/14 12:57	207-08-9	
Chrysene	<0.0058	ug/L	0.045	0.0058	1	11/12/14 08:28	11/13/14 12:57	218-01-9	
Dibenz(a,h)anthracene	<0.0031	ug/L	0.045	0.0031	1	11/12/14 08:28	11/13/14 12:57	53-70-3	
Fluoranthene	0.0060J	ug/L	0.045	0.0046	1	11/12/14 08:28	11/13/14 12:57	206-44-0	
Fluorene	<0.0027	ug/L	0.045	0.0027	1	11/12/14 08:28	11/13/14 12:57	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.0033	ug/L	0.045	0.0033	1	11/12/14 08:28	11/13/14 12:57	193-39-5	
1-Methylnaphthalene	<0.0057	ug/L	0.045	0.0057	1	11/12/14 08:28	11/13/14 12:57	90-12-0	
2-Methylnaphthalene	<0.0076	ug/L	0.045	0.0076	1	11/12/14 08:28	11/13/14 12:57	91-57-6	
Naphthalene	<0.0055	ug/L	0.045	0.0055	1	11/12/14 08:28	11/13/14 12:57	91-20-3	
Phenanthrene	0.0086J	ug/L	0.045	0.0080	1	11/12/14 08:28	11/13/14 12:57	85-01-8	
Pyrene	0.0086J	ug/L	0.045	0.0054	1	11/12/14 08:28	11/13/14 12:57	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	60	%	38-130		1	11/12/14 08:28	11/13/14 12:57	321-60-8	
Terphenyl-d14 (S)	77	%	18-145		1	11/12/14 08:28	11/13/14 12:57	1718-51-0	

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ANALYTICAL RESULTS

Project: PARKS PIONEER
Pace Project No.: 40106840

Sample: MW-5 **Lab ID: 40106840005** Collected: 11/07/14 13:00 Received: 11/11/14 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	<0.40	ug/L	1.0	0.40	1		11/12/14 20:29	71-43-2	
Ethylbenzene	<0.39	ug/L	1.0	0.39	1		11/12/14 20:29	100-41-4	
Methyl-tert-butyl ether	<0.48	ug/L	1.0	0.48	1		11/12/14 20:29	1634-04-4	
Naphthalene	<0.42	ug/L	1.0	0.42	1		11/12/14 20:29	91-20-3	
Toluene	<0.39	ug/L	1.0	0.39	1		11/12/14 20:29	108-88-3	
1,2,4-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		11/12/14 20:29	95-63-6	
1,3,5-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		11/12/14 20:29	108-67-8	
m&p-Xylene	<0.80	ug/L	2.0	0.80	1		11/12/14 20:29	179601-23-1	
o-Xylene	<0.45	ug/L	1.0	0.45	1		11/12/14 20:29	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1		11/12/14 20:29	98-08-8	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	<0.0033	ug/L	0.045	0.0033	1	11/12/14 08:28	11/13/14 13:16	83-32-9	
Acenaphthylene	<0.0028	ug/L	0.045	0.0028	1	11/12/14 08:28	11/13/14 13:16	208-96-8	
Anthracene	<0.0023	ug/L	0.045	0.0023	1	11/12/14 08:28	11/13/14 13:16	120-12-7	
Benzo(a)anthracene	<0.0030	ug/L	0.045	0.0030	1	11/12/14 08:28	11/13/14 13:16	56-55-3	
Benzo(a)pyrene	<0.0024	ug/L	0.045	0.0024	1	11/12/14 08:28	11/13/14 13:16	50-32-8	
Benzo(b)fluoranthene	<0.0046	ug/L	0.045	0.0046	1	11/12/14 08:28	11/13/14 13:16	205-99-2	
Benzo(g,h,i)perylene	<0.0048	ug/L	0.045	0.0048	1	11/12/14 08:28	11/13/14 13:16	191-24-2	
Benzo(k)fluoranthene	<0.0045	ug/L	0.045	0.0045	1	11/12/14 08:28	11/13/14 13:16	207-08-9	
Chrysene	<0.0058	ug/L	0.045	0.0058	1	11/12/14 08:28	11/13/14 13:16	218-01-9	
Dibenz(a,h)anthracene	<0.0031	ug/L	0.045	0.0031	1	11/12/14 08:28	11/13/14 13:16	53-70-3	
Fluoranthene	0.0059J	ug/L	0.045	0.0046	1	11/12/14 08:28	11/13/14 13:16	206-44-0	
Fluorene	<0.0027	ug/L	0.045	0.0027	1	11/12/14 08:28	11/13/14 13:16	86-73-7	
Indeno(1,2,3-cd)pyrene	<0.0033	ug/L	0.045	0.0033	1	11/12/14 08:28	11/13/14 13:16	193-39-5	
1-Methylnaphthalene	<0.0057	ug/L	0.045	0.0057	1	11/12/14 08:28	11/13/14 13:16	90-12-0	
2-Methylnaphthalene	<0.0076	ug/L	0.045	0.0076	1	11/12/14 08:28	11/13/14 13:16	91-57-6	
Naphthalene	<0.0055	ug/L	0.045	0.0055	1	11/12/14 08:28	11/13/14 13:16	91-20-3	
Phenanthrene	0.012J	ug/L	0.045	0.0080	1	11/12/14 08:28	11/13/14 13:16	85-01-8	
Pyrene	0.011J	ug/L	0.045	0.0054	1	11/12/14 08:28	11/13/14 13:16	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	59	%	38-130		1	11/12/14 08:28	11/13/14 13:16	321-60-8	
Terphenyl-d14 (S)	72	%	18-145		1	11/12/14 08:28	11/13/14 13:16	1718-51-0	

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ANALYTICAL RESULTS

Project: PARKS PIONEER
Pace Project No.: 40106840

Sample: MW-6 **Lab ID: 40106840006** Collected: 11/07/14 13:05 Received: 11/11/14 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		11/12/14 20:03	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		11/12/14 20:03	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		11/12/14 20:03	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		11/12/14 20:03	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		11/12/14 20:03	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		11/12/14 20:03	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		11/12/14 20:03	108-67-8	
m&p-Xylene	**<0.80**	ug/L	2.0	0.80	1		11/12/14 20:03	179601-23-1	
o-Xylene	**<0.45**	ug/L	1.0	0.45	1		11/12/14 20:03	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		1		11/12/14 20:03	98-08-8	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**<0.0033**	ug/L	0.045	0.0033	1	11/12/14 08:28	11/13/14 13:34	83-32-9	
Acenaphthylene	**<0.0028**	ug/L	0.045	0.0028	1	11/12/14 08:28	11/13/14 13:34	208-96-8	
Anthracene	**<0.0023**	ug/L	0.045	0.0023	1	11/12/14 08:28	11/13/14 13:34	120-12-7	
Benzo(a)anthracene	**<0.0030**	ug/L	0.045	0.0030	1	11/12/14 08:28	11/13/14 13:34	56-55-3	
Benzo(a)pyrene	**0.0027J**	ug/L	0.045	0.0024	1	11/12/14 08:28	11/13/14 13:34	50-32-8	
Benzo(b)fluoranthene	**<0.0046**	ug/L	0.045	0.0046	1	11/12/14 08:28	11/13/14 13:34	205-99-2	
Benzo(g,h,i)perylene	**<0.0048**	ug/L	0.045	0.0048	1	11/12/14 08:28	11/13/14 13:34	191-24-2	
Benzo(k)fluoranthene	**<0.0045**	ug/L	0.045	0.0045	1	11/12/14 08:28	11/13/14 13:34	207-08-9	
Chrysene	**0.011J**	ug/L	0.045	0.0058	1	11/12/14 08:28	11/13/14 13:34	218-01-9	
Dibenz(a,h)anthracene	**<0.0031**	ug/L	0.045	0.0031	1	11/12/14 08:28	11/13/14 13:34	53-70-3	
Fluoranthene	**0.011J**	ug/L	0.045	0.0046	1	11/12/14 08:28	11/13/14 13:34	206-44-0	
Fluorene	**0.0031J**	ug/L	0.045	0.0027	1	11/12/14 08:28	11/13/14 13:34	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.0033**	ug/L	0.045	0.0033	1	11/12/14 08:28	11/13/14 13:34	193-39-5	
1-Methylnaphthalene	**<0.0057**	ug/L	0.045	0.0057	1	11/12/14 08:28	11/13/14 13:34	90-12-0	
2-Methylnaphthalene	**<0.0076**	ug/L	0.045	0.0076	1	11/12/14 08:28	11/13/14 13:34	91-57-6	
Naphthalene	**<0.0055**	ug/L	0.045	0.0055	1	11/12/14 08:28	11/13/14 13:34	91-20-3	
Phenanthrene	**0.014J**	ug/L	0.045	0.0080	1	11/12/14 08:28	11/13/14 13:34	85-01-8	
Pyrene	**0.017J**	ug/L	0.045	0.0054	1	11/12/14 08:28	11/13/14 13:34	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	56	%	38-130		1	11/12/14 08:28	11/13/14 13:34	321-60-8	
Terphenyl-d14 (S)	66	%	18-145		1	11/12/14 08:28	11/13/14 13:34	1718-51-0	

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QUALITY CONTROL DATA

Project: PARKS PIONEER
Pace Project No.: 40106840

QC Batch: GCV/13532 — Analysis Method: WI MOD GRO
QC Batch Method: WI MOD GRO — Analysis Description: WIGRO GCV Water
Associated Lab Samples: 40106840001, 40106840002, 40106840003, 40106840004, 40106840005, 40106840006

METHOD BLANK: 1080829 — Matrix: Water
Associated Lab Samples: 40106840001, 40106840002, 40106840003, 40106840004, 40106840005, 40106840006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.42	1.0	11/12/14 11:55	
1,3,5-Trimethylbenzene	ug/L	<0.42	1.0	11/12/14 11:55	
Benzene	ug/L	<0.40	1.0	11/12/14 11:55	
Ethylbenzene	ug/L	<0.39	1.0	11/12/14 11:55	
m&p-Xylene	ug/L	<0.80	2.0	11/12/14 11:55	
Methyl-tert-butyl ether	ug/L	<0.48	1.0	11/12/14 11:55	
Naphthalene	ug/L	<0.42	1.0	11/12/14 11:55	
o-Xylene	ug/L	<0.45	1.0	11/12/14 11:55	
Toluene	ug/L	<0.39	1.0	11/12/14 11:55	
a,a,a-Trifluorotoluene (S)	%	103	80-120	11/12/14 11:55	

LABORATORY CONTROL SAMPLE & LCSD: 1080830 — 1080831

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	21.4	21.1	107	105	80-120	2	20	
1,3,5-Trimethylbenzene	ug/L	20	21.3	20.9	107	105	80-120	2	20	
Benzene	ug/L	20	21.4	21.0	107	105	80-120	2	20	
Ethylbenzene	ug/L	20	21.5	21.1	108	106	80-120	2	20	
m&p-Xylene	ug/L	40	42.3	41.9	106	105	80-120	1	20	
Methyl-tert-butyl ether	ug/L	20	20.5	20.5	102	102	80-120	0	20	
Naphthalene	ug/L	20	19.8	20.0	99	100	80-120	1	20	
o-Xylene	ug/L	20	20.8	20.6	104	103	80-120	1	20	
Toluene	ug/L	20	21.1	20.7	106	104	80-120	2	20	
a,a,a-Trifluorotoluene (S)	%				102	102	80-120			

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QUALITY CONTROL DATA

Project: PARKS PIONEER
Pace Project No.: 40106840

QC Batch: OEXT/25147 | Analysis Method: EPA 8270 by HVI
QC Batch Method: EPA 3510 | Analysis Description: 8270 Water PAH by HVI
Associated Lab Samples: 40106840001, 40106840002, 40106840003, 40106840004, 40106840005, 40106840006

METHOD BLANK: 1080912 | Matrix: Water
Associated Lab Samples: 40106840001, 40106840002, 40106840003, 40106840004, 40106840005, 40106840006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.0064	0.050	11/12/14 16:35	
2-Methylnaphthalene	ug/L	<0.0085	0.050	11/12/14 16:35	
Acenaphthene	ug/L	<0.0037	0.050	11/12/14 16:35	
Acenaphthylene	ug/L	<0.0032	0.050	11/12/14 16:35	
Anthracene	ug/L	<0.0026	0.050	11/12/14 16:35	
Benzo(a)anthracene	ug/L	<0.0034	0.050	11/12/14 16:35	
Benzo(a)pyrene	ug/L	<0.0027	0.050	11/12/14 16:35	
Benzo(b)fluoranthene	ug/L	<0.0052	0.050	11/12/14 16:35	
Benzo(g,h,i)perylene	ug/L	<0.0054	0.050	11/12/14 16:35	
Benzo(k)fluoranthene	ug/L	<0.0050	0.050	11/12/14 16:35	
Chrysene	ug/L	<0.0065	0.050	11/12/14 16:35	
Dibenz(a,h)anthracene	ug/L	<0.0035	0.050	11/12/14 16:35	
Fluoranthene	ug/L	<0.0052	0.050	11/12/14 16:35	
Fluorene	ug/L	<0.0030	0.050	11/12/14 16:35	
Indeno(1,2,3-cd)pyrene	ug/L	<0.0037	0.050	11/12/14 16:35	
Naphthalene	ug/L	0.0080J	0.050	11/12/14 16:35	
Phenanthrene	ug/L	<0.0090	0.050	11/12/14 16:35	
Pyrene	ug/L	<0.0060	0.050	11/12/14 16:35	
2-Fluorobiphenyl (S)	%	65	38-130	11/12/14 16:35	
Terphenyl-d14 (S)	%	91	18-145	11/12/14 16:35	

LABORATORY CONTROL SAMPLE & LCSD: 1080913 1080914

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/L	2	1.7	1.6	83	78	23-130	6	49	
2-Methylnaphthalene	ug/L	2	1.6	1.6	82	79	22-130	3	50	
Acenaphthene	ug/L	2	1.5	1.6	77	78	31-130	1	34	
Acenaphthylene	ug/L	2	1.5	1.5	73	74	31-130	2	37	
Anthracene	ug/L	2	1.6	1.6	82	82	26-130	0	35	
Benzo(a)anthracene	ug/L	2	1.6	1.6	81	81	47-130	1	27	
Benzo(a)pyrene	ug/L	2	1.7	1.7	87	86	41-130	1	28	
Benzo(b)fluoranthene	ug/L	2	1.8	1.8	91	91	37-130	0	27	
Benzo(g,h,i)perylene	ug/L	2	1.6	1.6	78	82	37-130	5	29	
Benzo(k)fluoranthene	ug/L	2	1.9	1.9	94	97	51-130	2	26	
Chrysene	ug/L	2	2.2	2.2	112	112	50-130	0	26	
Dibenz(a,h)anthracene	ug/L	2	1.4	1.4	70	72	34-130	3	30	
Fluoranthene	ug/L	2	1.6	1.8	80	89	49-130	10	26	
Fluorene	ug/L	2	1.5	1.6	74	80	30-130	8	34	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.7	1.8	86	92	36-130	6	29	
Naphthalene	ug/L	2	1.4	1.3	69	67	24-130	4	40	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PARKS PIONEER
Pace Project No.: 40106840

LABORATORY CONTROL SAMPLE & LCSD: 1080913 1080914

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Phenanthrene	ug/L	2	1.8	1.8	88	90	39-130	2	30	
Pyrene	ug/L	2	2.1	2.1	103	104	47-130	1	25	
2-Fluorobiphenyl (S)	%				71	72	38-130			
Terphenyl-d14 (S)	%				92	93	18-145			

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QUALIFIERS

Project: PARKS PIONEER
Pace Project No.: 40106840

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

LOD - Limit of Detection.

LOQ - Limit of Quantitation.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: GCV/13532

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSSV/7400

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PARKS PIONEER
Pace Project No.: 40106840

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40106840001	MW-1	WI MOD GRO	GCV/13532		
40106840002	MW-2	WI MOD GRO	GCV/13532		
40106840003	MW-3	WI MOD GRO	GCV/13532		
40106840004	MW-4	WI MOD GRO	GCV/13532		
40106840005	MW-5	WI MOD GRO	GCV/13532		
40106840006	MW-6	WI MOD GRO	GCV/13532		
40106840001	MW-1	EPA 3510	OEXT/25147	EPA 8270 by HVI	MSSV/7400
40106840002	MW-2	EPA 3510	OEXT/25147	EPA 8270 by HVI	MSSV/7400
40106840003	MW-3	EPA 3510	OEXT/25147	EPA 8270 by HVI	MSSV/7400
40106840004	MW-4	EPA 3510	OEXT/25147	EPA 8270 by HVI	MSSV/7400
40106840005	MW-5	EPA 3510	OEXT/25147	EPA 8270 by HVI	MSSV/7400
40106840006	MW-6	EPA 3510	OEXT/25147	EPA 8270 by HVI	MSSV/7400

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CHAIN OF CUSTODY

40106840

(Please Print Clearly)	
Company Name:	Chem Report
Branch/Location:	Kenosha
Project Contact:	Sean Crawley
Phone:	262-237-4351
Project Number:	
Project Name:	Parks Pioneer
Project State:	WI
Sampled By (Print):	Sean Crawley
Sampled By (Sign):	
PO #:	
Regulatory Program:	

Quote #:	PECFA U&C
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, Sl = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: PVOCs Naphthalene	Analyses Requested: PAHs	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	MW-1	11/7/14	1310	GW	N	B	X	X		3-40 ml vial	1-100 ml bag A
002	MW-2		1315								
003	MW-3		1320								
004	MW-4		1325								
005	MW-5		1300								
006	MW-6		1305								

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):
Email #1: scrawley@chemreport
Email #2:
Telephone:
Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
	11/6/14 12:16	Mary Fenner	11/10/14 10:16
Mary Fenner	11/10/14 1430		
Logistics	11-11-14 0900		11-11-14 0900

PACE Project No. 40106840
Receipt Temp = 2.01 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present
Intact / Not Intact

Sample Condition Upon Receipt

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Green Bay, WI 54302

Project #: WO#: 40106840

40106840

Client Name: Chem Report

Courier: ☐ Fed Ex ☐ UPS ☐ Client ☐ Pace Other: Cslogistics

Tracking #:

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals intact: ☑ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other

Thermometer Used: NA Type of Ice: (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature: Uncorr: Ro/ /Corr: Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☑ yes ☐ no

Person examining contents: Date: 11-11-14 Initials: KB

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

				Comments:
Chain of Custody Present:	☑Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☑Yes	☐No	☐N/A	2.
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes	☐No		Date/Time:
Short Hold Time Analysis (<72hr): 11-11-14 KB	☑Yes	(☑No)	☐N/A	6.
Rush Turn Around Time Requested:	☐Yes	☑No	☐N/A	7.
Sufficient Volume:	☑Yes	☐No	☐N/A	8.
Correct Containers Used:	☑Yes	☐No	☐N/A	9.
-Pace Containers Used:	☑Yes	☐No	☐N/A	
-Pace IR Containers Used:	☐Yes	☐No	☑N/A	
Containers Intact:	☑Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A	11.
Sample Labels match COC:	☐Yes	☑No	☐N/A	12. No time on samples 11-11-14 KB
-Includes date/time/ID/Analysis Matrix: W				
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes	☐No	☑N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes	☐No	☑N/A	
exceptions: (VOA) coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☑Yes	☐No		Initial when completed / Lab Std #ID of preservative / Date/Time:
Headspace in VOA Vials (>6mm):	☐Yes	☑No	☐N/A	14.
Trip Blank Present:	☐Yes	☑No	☐N/A	15.
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A	
Pace Trip Blank Lot # (if purchased):				

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: Date: 11/11/14

F-GB-C-031-Rev.02 (28Oct2013) SCUR Form

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August 07, 2012

Sean Cranley
Chem Reports, Inc.
4515 Washington Road
Kenosha, WI 53144

RE: Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Dear Sean Cranley:
Enclosed are the analytical results for sample(s) received by the laboratory on July 27, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kang Khang

kang.khang@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

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SAMPLE SUMMARY

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4064149001	DP-1 (4'-6')	Solid	07/25/12 09:45	07/27/12 10:35
4064149002	DP-1 (10'-12')	Solid	07/25/12 09:55	07/27/12 10:35
4064149003	DP-2 (6'-8')	Solid	07/25/12 10:25	07/27/12 10:35
4064149004	DP-3 (7'-8')	Solid	07/25/12 10:55	07/27/12 10:35
4064149005	DP-4 (8'-9')	Solid	07/25/12 11:35	07/27/12 10:35
4064149006	DP-4 (11'-12')	Solid	07/25/12 11:40	07/27/12 10:35
4064149007	DP-5 (3'-4')	Solid	07/25/12 11:50	07/27/12 10:35
4064149008	DP-5 (7'-8')	Solid	07/25/12 12:00	07/27/12 10:35

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SAMPLE ANALYTE COUNT

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4064149001	DP-1 (4'-6')	EPA 6010	MMZ	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4064149002	DP-1 (10'-12')	WI MOD GRO	LCM	9	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4064149003	DP-2 (6'-8')	WI MOD GRO	LCM	9	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4064149004	DP-3 (7'-8')	WI MOD GRO	LCM	9	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4064149005	DP-4 (8'-9')	EPA 6010	MMZ	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4064149006	DP-4 (11'-12')	WI MOD GRO	LCM	9	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4064149007	DP-5 (3'-4')	EPA 6010	MMZ	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4064149008	DP-5 (7'-8')	WI MOD GRO	LCM	9	PASI-G
		ASTM D2974-87	KMF	1	PASI-G

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-1 (4'-6') **Lab ID: 4064149001** Collected: 07/25/12 09:45 Received: 07/27/12 10:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	8.4	mg/kg	1.2	0.30	1	07/30/12 16:00	07/31/12 17:10	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	<9.9	ug/kg	19.8	9.9	1	07/30/12 07:53	07/30/12 13:21	83-32-9	
Acenaphthylene	<9.9	ug/kg	19.8	9.9	1	07/30/12 07:53	07/30/12 13:21	208-96-8	
Anthracene	<2.0	ug/kg	19.8	2.0	1	07/30/12 07:53	07/30/12 13:21	120-12-7	
Benzo(a)anthracene	<9.9	ug/kg	19.8	9.9	1	07/30/12 07:53	07/30/12 13:21	56-55-3	
Benzo(a)pyrene	<9.9	ug/kg	19.8	9.9	1	07/30/12 07:53	07/30/12 13:21	50-32-8	
Benzo(b)fluoranthene	<2.8	ug/kg	19.8	2.8	1	07/30/12 07:53	07/30/12 13:21	205-99-2	
Benzo(g,h,i)perylene	<9.9	ug/kg	19.8	9.9	1	07/30/12 07:53	07/30/12 13:21	191-24-2	
Benzo(k)fluoranthene	<9.9	ug/kg	19.8	9.9	1	07/30/12 07:53	07/30/12 13:21	207-08-9	
Chrysene	<2.2	ug/kg	19.8	2.2	1	07/30/12 07:53	07/30/12 13:21	218-01-9	
Dibenz(a,h)anthracene	<9.9	ug/kg	19.8	9.9	1	07/30/12 07:53	07/30/12 13:21	53-70-3	
Fluoranthene	<9.9	ug/kg	19.8	9.9	1	07/30/12 07:53	07/30/12 13:21	206-44-0	
Fluorene	<9.9	ug/kg	19.8	9.9	1	07/30/12 07:53	07/30/12 13:21	86-73-7	
Indeno(1,2,3-cd)pyrene	<9.9	ug/kg	19.8	9.9	1	07/30/12 07:53	07/30/12 13:21	193-39-5	
1-Methylnaphthalene	65.6	ug/kg	19.8	9.0	1	07/30/12 07:53	07/30/12 13:21	90-12-0	
2-Methylnaphthalene	80.3	ug/kg	19.8	1.9	1	07/30/12 07:53	07/30/12 13:21	91-57-6	
Naphthalene	468	ug/kg	19.8	3.7	1	07/30/12 07:53	07/30/12 13:21	91-20-3	
Phenanthrene	<2.5	ug/kg	19.8	2.5	1	07/30/12 07:53	07/30/12 13:21	85-01-8	
Pyrene	<9.9	ug/kg	19.8	9.9	1	07/30/12 07:53	07/30/12 13:21	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	79	%.	43-130		1	07/30/12 07:53	07/30/12 13:21	321-60-8	
Terphenyl-d14 (S)	73	%.	32-130		1	07/30/12 07:53	07/30/12 13:21	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	630-20-6	W
1,1,1-Trichloroethane	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	71-55-6	W
1,1,2,2-Tetrachloroethane	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	79-34-5	W
1,1,2-Trichloroethane	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	79-00-5	W
1,1-Dichloroethane	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	75-34-3	W
1,1-Dichloroethene	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	75-35-4	W
1,1-Dichloropropene	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	563-58-6	W
1,2,3-Trichlorobenzene	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	87-61-6	W
1,2,3-Trichloropropane	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	96-18-4	W
1,2,4-Trichlorobenzene	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	120-82-1	W
1,2,4-Trimethylbenzene	1320	ug/kg	284	119	4	08/01/12 16:34	08/02/12 19:58	95-63-6	
1,2-Dibromo-3-chloropropane	<329	ug/kg	1000	329	4	08/01/12 16:34	08/02/12 19:58	96-12-8	W
1,2-Dibromoethane (EDB)	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	106-93-4	W
1,2-Dichlorobenzene	<178	ug/kg	240	178	4	08/01/12 16:34	08/02/12 19:58	95-50-1	W
1,2-Dichloroethane	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	107-06-2	W
1,2-Dichloropropane	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	78-87-5	W
1,3,5-Trimethylbenzene	708	ug/kg	284	119	4	08/01/12 16:34	08/02/12 19:58	108-67-8	
1,3-Dichlorobenzene	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	541-73-1	W
1,3-Dichloropropane	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	142-28-9	W

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-1 (4'-6') **Lab ID: 4064149001** Collected: 07/25/12 09:45 Received: 07/27/12 10:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,4-Dichlorobenzene	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	106-46-7	W
2,2-Dichloropropane	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	594-20-7	W
2-Chlorotoluene	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	95-49-8	W
4-Chlorotoluene	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	106-43-4	W
Benzene	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	71-43-2	W
Bromobenzene	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	108-86-1	W
Bromochloromethane	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	74-97-5	W
Bromodichloromethane	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	75-27-4	W
Bromoform	<104	ug/kg	240	104	4	08/01/12 16:34	08/02/12 19:58	75-25-2	W
Bromomethane	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	74-83-9	W
Carbon tetrachloride	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	56-23-5	W
Chlorobenzene	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	108-90-7	W
Chloroethane	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	75-00-3	W
Chloroform	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	67-66-3	W
Chloromethane	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	74-87-3	W
Dibromochloromethane	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	124-48-1	W
Dibromomethane	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	74-95-3	W
Dichlorodifluoromethane	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	75-71-8	W
Diisopropyl ether	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	108-20-3	W
Ethylbenzene	1690	ug/kg	284	119	4	08/01/12 16:34	08/02/12 19:58	100-41-4	
Hexachloro-1,3-butadiene	<106	ug/kg	240	106	4	08/01/12 16:34	08/02/12 19:58	87-68-3	W
Isopropylbenzene (Cumene)	657	ug/kg	284	119	4	08/01/12 16:34	08/02/12 19:58	98-82-8	
Methyl-tert-butyl ether	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	1634-04-4	W
Methylene Chloride	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	75-09-2	W
Naphthalene	3050	ug/kg	284	119	4	08/01/12 16:34	08/02/12 19:58	91-20-3	
Styrene	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	100-42-5	W
Tetrachloroethene	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	127-18-4	W
Toluene	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	108-88-3	W
Trichloroethene	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	79-01-6	W
Trichlorofluoromethane	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	75-69-4	W
Vinyl chloride	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	75-01-4	W
cis-1,2-Dichloroethene	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	156-59-2	W
cis-1,3-Dichloropropene	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	10061-01-5	W
m&p-Xylene	1700	ug/kg	569	237	4	08/01/12 16:34	08/02/12 19:58	179601-23-1	
n-Butylbenzene	551	ug/kg	284	191	4	08/01/12 16:34	08/02/12 19:58	104-51-8	
n-Propylbenzene	1070	ug/kg	284	119	4	08/01/12 16:34	08/02/12 19:58	103-65-1	
o-Xylene	305	ug/kg	284	119	4	08/01/12 16:34	08/02/12 19:58	95-47-6	
p-Isopropyltoluene	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	99-87-6	W
sec-Butylbenzene	269J	ug/kg	284	119	4	08/01/12 16:34	08/02/12 19:58	135-98-8	
tert-Butylbenzene	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	98-06-6	W
trans-1,2-Dichloroethene	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	156-60-5	W
trans-1,3-Dichloropropene	<100	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	93	%.	57-130		4	08/01/12 16:34	08/02/12 19:58	1868-53-7	
Toluene-d8 (S)	113	%.	54-133		4	08/01/12 16:34	08/02/12 19:58	2037-26-5	

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-1 (4'-6') **Lab ID: 4064149001** Collected: 07/25/12 09:45 Received: 07/27/12 10:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Surrogates									
4-Bromofluorobenzene (S)	121	%.	49-130		4	08/01/12 16:34	08/02/12 19:58	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.6**	%	0.10	0.10	1		07/27/12 16:55		

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-1 (10'-12') **Lab ID: 4064149002** Collected: 07/25/12 09:55 Received: 07/27/12 10:35 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 12:46	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 12:46	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 12:46	1634-04-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 12:46	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 12:46	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 12:46	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	07/30/12 11:22	07/30/12 12:46	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 12:46	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%.	80-120		1	07/30/12 11:22	07/30/12 12:46	98-08-8	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<9.4**	ug/kg	18.7	9.4	1	07/30/12 07:53	07/30/12 13:39	83-32-9	
Acenaphthylene	**<9.4**	ug/kg	18.7	9.4	1	07/30/12 07:53	07/30/12 13:39	208-96-8	
Anthracene	**<1.9**	ug/kg	18.7	1.9	1	07/30/12 07:53	07/30/12 13:39	120-12-7	
Benzo(a)anthracene	**<9.4**	ug/kg	18.7	9.4	1	07/30/12 07:53	07/30/12 13:39	56-55-3	
Benzo(a)pyrene	**<9.4**	ug/kg	18.7	9.4	1	07/30/12 07:53	07/30/12 13:39	50-32-8	
Benzo(b)fluoranthene	**<2.7**	ug/kg	18.7	2.7	1	07/30/12 07:53	07/30/12 13:39	205-99-2	
Benzo(g,h,i)perylene	**<9.4**	ug/kg	18.7	9.4	1	07/30/12 07:53	07/30/12 13:39	191-24-2	
Benzo(k)fluoranthene	**<9.4**	ug/kg	18.7	9.4	1	07/30/12 07:53	07/30/12 13:39	207-08-9	
Chrysene	**2.4J**	ug/kg	18.7	2.1	1	07/30/12 07:53	07/30/12 13:39	218-01-9	
Dibenz(a,h)anthracene	**<9.4**	ug/kg	18.7	9.4	1	07/30/12 07:53	07/30/12 13:39	53-70-3	
Fluoranthene	**<9.4**	ug/kg	18.7	9.4	1	07/30/12 07:53	07/30/12 13:39	206-44-0	
Fluorene	**<9.4**	ug/kg	18.7	9.4	1	07/30/12 07:53	07/30/12 13:39	86-73-7	
Indeno(1,2,3-cd)pyrene	**<9.4**	ug/kg	18.7	9.4	1	07/30/12 07:53	07/30/12 13:39	193-39-5	
1-Methylnaphthalene	**<8.5**	ug/kg	18.7	8.5	1	07/30/12 07:53	07/30/12 13:39	90-12-0	
2-Methylnaphthalene	**<1.8**	ug/kg	18.7	1.8	1	07/30/12 07:53	07/30/12 13:39	91-57-6	
Naphthalene	**<3.5**	ug/kg	18.7	3.5	1	07/30/12 07:53	07/30/12 13:39	91-20-3	
Phenanthrene	**<2.4**	ug/kg	18.7	2.4	1	07/30/12 07:53	07/30/12 13:39	85-01-8	
Pyrene	**<9.4**	ug/kg	18.7	9.4	1	07/30/12 07:53	07/30/12 13:39	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	76	%.	43-130		1	07/30/12 07:53	07/30/12 13:39	321-60-8	
Terphenyl-d14 (S)	75	%.	32-130		1	07/30/12 07:53	07/30/12 13:39	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.0**	%	0.10	0.10	1		07/31/12 16:51		

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-2 (6'-8') **Lab ID: 4064149003** Collected: 07/25/12 10:25 Received: 07/27/12 10:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 13:12	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 13:12	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 13:12	1634-04-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 13:12	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 13:12	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 13:12	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	07/30/12 11:22	07/30/12 13:12	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 13:12	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%.	80-120		1	07/30/12 11:22	07/30/12 13:12	98-08-8	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<9.6**	ug/kg	19.1	9.6	1	07/30/12 07:53	07/30/12 13:56	83-32-9	
Acenaphthylene	**<9.6**	ug/kg	19.1	9.6	1	07/30/12 07:53	07/30/12 13:56	208-96-8	
Anthracene	**4.2J**	ug/kg	19.1	2.0	1	07/30/12 07:53	07/30/12 13:56	120-12-7	
Benzo(a)anthracene	**25.8**	ug/kg	19.1	9.6	1	07/30/12 07:53	07/30/12 13:56	56-55-3	
Benzo(a)pyrene	**29.1**	ug/kg	19.1	9.6	1	07/30/12 07:53	07/30/12 13:56	50-32-8	
Benzo(b)fluoranthene	**29.8**	ug/kg	19.1	2.8	1	07/30/12 07:53	07/30/12 13:56	205-99-2	
Benzo(g,h,i)perylene	**17.5J**	ug/kg	19.1	9.6	1	07/30/12 07:53	07/30/12 13:56	191-24-2	
Benzo(k)fluoranthene	**28.3**	ug/kg	19.1	9.6	1	07/30/12 07:53	07/30/12 13:56	207-08-9	
Chrysene	**34.3**	ug/kg	19.1	2.2	1	07/30/12 07:53	07/30/12 13:56	218-01-9	
Dibenz(a,h)anthracene	**<9.6**	ug/kg	19.1	9.6	1	07/30/12 07:53	07/30/12 13:56	53-70-3	
Fluoranthene	**39.2**	ug/kg	19.1	9.6	1	07/30/12 07:53	07/30/12 13:56	206-44-0	
Fluorene	**<9.6**	ug/kg	19.1	9.6	1	07/30/12 07:53	07/30/12 13:56	86-73-7	
Indeno(1,2,3-cd)pyrene	**15.8J**	ug/kg	19.1	9.6	1	07/30/12 07:53	07/30/12 13:56	193-39-5	
1-Methylnaphthalene	**<8.7**	ug/kg	19.1	8.7	1	07/30/12 07:53	07/30/12 13:56	90-12-0	
2-Methylnaphthalene	**<1.8**	ug/kg	19.1	1.8	1	07/30/12 07:53	07/30/12 13:56	91-57-6	
Naphthalene	**<3.6**	ug/kg	19.1	3.6	1	07/30/12 07:53	07/30/12 13:56	91-20-3	
Phenanthrene	**14.2J**	ug/kg	19.1	2.4	1	07/30/12 07:53	07/30/12 13:56	85-01-8	
Pyrene	**30.6**	ug/kg	19.1	9.6	1	07/30/12 07:53	07/30/12 13:56	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	81	%.	43-130		1	07/30/12 07:53	07/30/12 13:56	321-60-8	
Terphenyl-d14 (S)	76	%.	32-130		1	07/30/12 07:53	07/30/12 13:56	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.8**	%	0.10	0.10	1		07/31/12 16:51		

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-3 (7'-8') **Lab ID: 4064149004** Collected: 07/25/12 10:55 Received: 07/27/12 10:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:29	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:29	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:29	1634-04-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:29	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:29	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:29	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	07/30/12 11:22	07/30/12 17:29	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:29	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	**103**	%.	80-120		1	07/30/12 11:22	07/30/12 17:29	98-08-8	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<9.7**	ug/kg	19.4	9.7	1	07/30/12 07:53	07/30/12 14:14	83-32-9	
Acenaphthylene	**<9.7**	ug/kg	19.4	9.7	1	07/30/12 07:53	07/30/12 14:14	208-96-8	
Anthracene	**5.2J**	ug/kg	19.4	2.0	1	07/30/12 07:53	07/30/12 14:14	120-12-7	
Benzo(a)anthracene	**9.9J**	ug/kg	19.4	9.7	1	07/30/12 07:53	07/30/12 14:14	56-55-3	
Benzo(a)pyrene	**<9.7**	ug/kg	19.4	9.7	1	07/30/12 07:53	07/30/12 14:14	50-32-8	
Benzo(b)fluoranthene	**6.4J**	ug/kg	19.4	2.8	1	07/30/12 07:53	07/30/12 14:14	205-99-2	
Benzo(g,h,i)perylene	**<9.7**	ug/kg	19.4	9.7	1	07/30/12 07:53	07/30/12 14:14	191-24-2	
Benzo(k)fluoranthene	**9.9J**	ug/kg	19.4	9.7	1	07/30/12 07:53	07/30/12 14:14	207-08-9	
Chrysene	**11.7J**	ug/kg	19.4	2.2	1	07/30/12 07:53	07/30/12 14:14	218-01-9	
Dibenz(a,h)anthracene	**<9.7**	ug/kg	19.4	9.7	1	07/30/12 07:53	07/30/12 14:14	53-70-3	
Fluoranthene	**23.3**	ug/kg	19.4	9.7	1	07/30/12 07:53	07/30/12 14:14	206-44-0	
Fluorene	**<9.7**	ug/kg	19.4	9.7	1	07/30/12 07:53	07/30/12 14:14	86-73-7	
Indeno(1,2,3-cd)pyrene	**<9.7**	ug/kg	19.4	9.7	1	07/30/12 07:53	07/30/12 14:14	193-39-5	
1-Methylnaphthalene	**<8.9**	ug/kg	19.4	8.9	1	07/30/12 07:53	07/30/12 14:14	90-12-0	
2-Methylnaphthalene	**<1.8**	ug/kg	19.4	1.8	1	07/30/12 07:53	07/30/12 14:14	91-57-6	
Naphthalene	**<3.7**	ug/kg	19.4	3.7	1	07/30/12 07:53	07/30/12 14:14	91-20-3	
Phenanthrene	**17.9J**	ug/kg	19.4	2.5	1	07/30/12 07:53	07/30/12 14:14	85-01-8	
Pyrene	**16.1J**	ug/kg	19.4	9.7	1	07/30/12 07:53	07/30/12 14:14	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	**74**	%.	43-130		1	07/30/12 07:53	07/30/12 14:14	321-60-8	
Terphenyl-d14 (S)	**72**	%.	32-130		1	07/30/12 07:53	07/30/12 14:14	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.2**	%	0.10	0.10	1		07/31/12 16:51		

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-4 (8'-9') **Lab ID: 4064149005** Collected: 07/25/12 11:35 Received: 07/27/12 10:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**427**	mg/kg	1.1	0.29	1	07/30/12 16:00	07/31/12 17:16	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**156**	ug/kg	20.4	10.2	1	07/30/12 07:53	07/30/12 14:31	83-32-9	
Acenaphthylene	**73.8**	ug/kg	20.4	10.2	1	07/30/12 07:53	07/30/12 14:31	208-96-8	
Anthracene	**216**	ug/kg	20.4	2.1	1	07/30/12 07:53	07/30/12 14:31	120-12-7	
Benzo(a)anthracene	**384**	ug/kg	20.4	10.2	1	07/30/12 07:53	07/30/12 14:31	56-55-3	
Benzo(a)pyrene	**416**	ug/kg	20.4	10.2	1	07/30/12 07:53	07/30/12 14:31	50-32-8	
Benzo(b)fluoranthene	**610**	ug/kg	20.4	2.9	1	07/30/12 07:53	07/30/12 14:31	205-99-2	
Benzo(g,h,i)perylene	**294**	ug/kg	20.4	10.2	1	07/30/12 07:53	07/30/12 14:31	191-24-2	
Benzo(k)fluoranthene	**282**	ug/kg	20.4	10.2	1	07/30/12 07:53	07/30/12 14:31	207-08-9	
Chrysene	**482**	ug/kg	20.4	2.3	1	07/30/12 07:53	07/30/12 14:31	218-01-9	
Dibenz(a,h)anthracene	**99.3**	ug/kg	20.4	10.2	1	07/30/12 07:53	07/30/12 14:31	53-70-3	
Fluoranthene	**813**	ug/kg	20.4	10.2	1	07/30/12 07:53	07/30/12 14:31	206-44-0	
Fluorene	**230**	ug/kg	20.4	10.2	1	07/30/12 07:53	07/30/12 14:31	86-73-7	
Indeno(1,2,3-cd)pyrene	**273**	ug/kg	20.4	10.2	1	07/30/12 07:53	07/30/12 14:31	193-39-5	
1-Methylnaphthalene	**252**	ug/kg	20.4	9.3	1	07/30/12 07:53	07/30/12 14:31	90-12-0	
2-Methylnaphthalene	**351**	ug/kg	20.4	1.9	1	07/30/12 07:53	07/30/12 14:31	91-57-6	
Naphthalene	**268**	ug/kg	20.4	3.8	1	07/30/12 07:53	07/30/12 14:31	91-20-3	
Phenanthrene	**767**	ug/kg	20.4	2.6	1	07/30/12 07:53	07/30/12 14:31	85-01-8	
Pyrene	**646**	ug/kg	20.4	10.2	1	07/30/12 07:53	07/30/12 14:31	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	**71**	%.	43-130		1	07/30/12 07:53	07/30/12 14:31	321-60-8	
Terphenyl-d14 (S)	**71**	%.	32-130		1	07/30/12 07:53	07/30/12 14:31	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	120-82-1	W
1,2,4-Trimethylbenzene	**124**	ug/kg	73.5	30.6	1	08/01/12 16:34	08/02/12 14:00	95-63-6	
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	08/01/12 16:34	08/02/12 14:00	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	08/01/12 16:34	08/02/12 14:00	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	78-87-5	W
1,3,5-Trimethylbenzene	**106**	ug/kg	73.5	30.6	1	08/01/12 16:34	08/02/12 14:00	108-67-8	
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	142-28-9	W

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-4 (8'-9') **Lab ID: 4064149005** Collected: 07/25/12 11:35 **Received: 07/27/12 10:35** Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	08/01/12 16:34	08/02/12 14:00	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	108-20-3	W
Ethylbenzene	**67.2J**	ug/kg	73.5	30.6	1	08/01/12 16:34	08/02/12 14:00	100-41-4	
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	08/01/12 16:34	08/02/12 14:00	87-68-3	W
Isopropylbenzene (Cumene)	**178**	ug/kg	73.5	30.6	1	08/01/12 16:34	08/02/12 14:00	98-82-8	
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	75-09-2	W
Naphthalene	**414**	ug/kg	73.5	30.6	1	08/01/12 16:34	08/02/12 14:00	91-20-3	
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	100-42-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	127-18-4	W
Toluene	**88.7**	ug/kg	73.5	30.6	1	08/01/12 16:34	08/02/12 14:00	108-88-3	
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	10061-01-5	W
m&p-Xylene	**140J**	ug/kg	147	61.2	1	08/01/12 16:34	08/02/12 14:00	179601-23-1	
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	08/01/12 16:34	08/02/12 14:00	104-51-8	W
n-Propylbenzene	**173**	ug/kg	73.5	30.6	1	08/01/12 16:34	08/02/12 14:00	103-65-1	
o-Xylene	**55.6J**	ug/kg	73.5	30.6	1	08/01/12 16:34	08/02/12 14:00	95-47-6	
p-Isopropyltoluene	**48.3J**	ug/kg	73.5	30.6	1	08/01/12 16:34	08/02/12 14:00	99-87-6	
sec-Butylbenzene	**473**	ug/kg	73.5	30.6	1	08/01/12 16:34	08/02/12 14:00	135-98-8	
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	85	%.	57-130		1	08/01/12 16:34	08/02/12 14:00	1868-53-7	
Toluene-d8 (S)	97	%.	54-133		1	08/01/12 16:34	08/02/12 14:00	2037-26-5	

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-4 (8'-9') **Lab ID: 4064149005** Collected: 07/25/12 11:35 **Received: 07/27/12 10:35** Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Surrogates									
4-Bromofluorobenzene (S)	89	%.	49-130		1	08/01/12 16:34	08/02/12 14:00	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**18.3**	%	0.10	0.10	1		07/31/12 16:51		

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-4 (11'-12') **Lab ID: 4064149006** Collected: 07/25/12 11:40 **Received:** 07/27/12 10:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:55	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:55	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:55	1634-04-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:55	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:55	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:55	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	07/30/12 11:22	07/30/12 17:55	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:55	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%.	80-120		1	07/30/12 11:22	07/30/12 17:55	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.6**	%	0.10	0.10	1		07/31/12 16:51		

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-5 (3'-4') **Lab ID: 4064149007** Collected: 07/25/12 11:50 Received: 07/27/12 10:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**94.9**	mg/kg	1.1	0.27	1	07/30/12 16:00	07/31/12 17:18	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**15.4J**	ug/kg	20.2	10.1	1	07/30/12 07:53	07/30/12 16:42	83-32-9	
Acenaphthylene	**20.0J**	ug/kg	20.2	10.1	1	07/30/12 07:53	07/30/12 16:42	208-96-8	
Anthracene	**46.1**	ug/kg	20.2	2.1	1	07/30/12 07:53	07/30/12 16:42	120-12-7	
Benzo(a)anthracene	**161**	ug/kg	20.2	10.1	1	07/30/12 07:53	07/30/12 16:42	56-55-3	
Benzo(a)pyrene	**190**	ug/kg	20.2	10.1	1	07/30/12 07:53	07/30/12 16:42	50-32-8	
Benzo(b)fluoranthene	**248**	ug/kg	20.2	2.9	1	07/30/12 07:53	07/30/12 16:42	205-99-2	
Benzo(g,h,i)perylene	**176**	ug/kg	20.2	10.1	1	07/30/12 07:53	07/30/12 16:42	191-24-2	
Benzo(k)fluoranthene	**183**	ug/kg	20.2	10.1	1	07/30/12 07:53	07/30/12 16:42	207-08-9	
Chrysene	**271**	ug/kg	20.2	2.3	1	07/30/12 07:53	07/30/12 16:42	218-01-9	
Dibenz(a,h)anthracene	**55.5**	ug/kg	20.2	10.1	1	07/30/12 07:53	07/30/12 16:42	53-70-3	
Fluoranthene	**386**	ug/kg	20.2	10.1	1	07/30/12 07:53	07/30/12 16:42	206-44-0	
Fluorene	**13.4J**	ug/kg	20.2	10.1	1	07/30/12 07:53	07/30/12 16:42	86-73-7	
Indeno(1,2,3-cd)pyrene	**146**	ug/kg	20.2	10.1	1	07/30/12 07:53	07/30/12 16:42	193-39-5	
1-Methylnaphthalene	**15.0J**	ug/kg	20.2	9.2	1	07/30/12 07:53	07/30/12 16:42	90-12-0	
2-Methylnaphthalene	**21.6**	ug/kg	20.2	1.9	1	07/30/12 07:53	07/30/12 16:42	91-57-6	
Naphthalene	**30.4**	ug/kg	20.2	3.8	1	07/30/12 07:53	07/30/12 16:42	91-20-3	
Phenanthrene	**125**	ug/kg	20.2	2.6	1	07/30/12 07:53	07/30/12 16:42	85-01-8	
Pyrene	**296**	ug/kg	20.2	10.1	1	07/30/12 07:53	07/30/12 16:42	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	**74**	%.	43-130		1	07/30/12 07:53	07/30/12 16:42	321-60-8	
Terphenyl-d14 (S)	**74**	%.	32-130		1	07/30/12 07:53	07/30/12 16:42	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	08/01/12 16:34	08/02/12 14:23	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	08/01/12 16:34	08/02/12 14:23	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	142-28-9	W

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-5 (3'-4') **Lab ID: 4064149007** Collected: 07/25/12 11:50 Received: 07/27/12 10:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,4-Dichlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	106-46-7	W
2,2-Dichloropropane	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	594-20-7	W
2-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	95-49-8	W
4-Chlorotoluene	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	106-43-4	W
Benzene	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	71-43-2	W
Bromobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	108-86-1	W
Bromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	74-97-5	W
Bromodichloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	75-27-4	W
Bromoform	<25.9	ug/kg	60.0	25.9	1	08/01/12 16:34	08/02/12 14:23	75-25-2	W
Bromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	74-83-9	W
Carbon tetrachloride	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	56-23-5	W
Chlorobenzene	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	108-90-7	W
Chloroethane	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	75-00-3	W
Chloroform	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	67-66-3	W
Chloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	74-87-3	W
Dibromochloromethane	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	124-48-1	W
Dibromomethane	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	74-95-3	W
Dichlorodifluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	75-71-8	W
Diisopropyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	108-20-3	W
Ethylbenzene	40.4J	ug/kg	72.8	30.3	1	08/01/12 16:34	08/02/12 14:23	100-41-4	
Hexachloro-1,3-butadiene	<26.4	ug/kg	60.0	26.4	1	08/01/12 16:34	08/02/12 14:23	87-68-3	W
Isopropylbenzene (Cumene)	45.3J	ug/kg	72.8	30.3	1	08/01/12 16:34	08/02/12 14:23	98-82-8	
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	1634-04-4	W
Methylene Chloride	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	75-09-2	W
Naphthalene	30.3J	ug/kg	72.8	30.3	1	08/01/12 16:34	08/02/12 14:23	91-20-3	
Styrene	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	100-42-5	W
Tetrachloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	127-18-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	108-88-3	W
Trichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	79-01-6	W
Trichlorofluoromethane	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	75-69-4	W
Vinyl chloride	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	75-01-4	W
cis-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	156-59-2	W
cis-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	10061-01-5	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	08/01/12 16:34	08/02/12 14:23	179601-23-1	W
n-Butylbenzene	<40.4	ug/kg	60.0	40.4	1	08/01/12 16:34	08/02/12 14:23	104-51-8	W
n-Propylbenzene	35.2J	ug/kg	72.8	30.3	1	08/01/12 16:34	08/02/12 14:23	103-65-1	
o-Xylene	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	95-47-6	W
p-Isopropyltoluene	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	99-87-6	W
sec-Butylbenzene	98.6	ug/kg	72.8	30.3	1	08/01/12 16:34	08/02/12 14:23	135-98-8	
tert-Butylbenzene	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	98-06-6	W
trans-1,2-Dichloroethene	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	156-60-5	W
trans-1,3-Dichloropropene	<25.0	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	88	%.	57-130		1	08/01/12 16:34	08/02/12 14:23	1868-53-7	
Toluene-d8 (S)	99	%.	54-133		1	08/01/12 16:34	08/02/12 14:23	2037-26-5	

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-5 (3'-4') Lab ID: **4064149007** Collected: 07/25/12 11:50 Received: 07/27/12 10:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Surrogates									
4-Bromofluorobenzene (S)	102	%.	49-130		1	08/01/12 16:34	08/02/12 14:23	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**17.6**	%	0.10	0.10	1		07/31/12 16:51		

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-5 (7'-8') **Lab ID: 4064149008** Collected: 07/25/12 12:00 Received: 07/27/12 10:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	<25.0	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 21:20	71-43-2	W
Ethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 21:20	100-41-4	W
Methyl-tert-butyl ether	<25.0	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 21:20	1634-04-4	W
Toluene	<25.0	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 21:20	108-88-3	W
1,2,4-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 21:20	95-63-6	W
1,3,5-Trimethylbenzene	<25.0	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 21:20	108-67-8	W
m&p-Xylene	<50.0	ug/kg	120	50.0	1	07/30/12 11:22	07/30/12 21:20	179601-23-1	W
o-Xylene	<25.0	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 21:20	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%.	80-120		1	07/30/12 11:22	07/30/12 21:20	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	14.2	%	0.10	0.10	1		07/31/12 16:51		

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

QC Batch: GCV/8755 Analysis Method: WI MOD GRO
QC Batch Method: TPH GRO/PVOC WI ext. Analysis Description: WIGRO Solid GCV
Associated Lab Samples: 4064149002, 4064149003, 4064149004, 4064149006, 4064149008

METHOD BLANK: 644062 Matrix: Solid
Associated Lab Samples: 4064149002, 4064149003, 4064149004, 4064149006, 4064149008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	07/30/12 11:29	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	07/30/12 11:29	
Benzene	ug/kg	<25.0	60.0	07/30/12 11:29	
Ethylbenzene	ug/kg	<25.0	60.0	07/30/12 11:29	
m&p-Xylene	ug/kg	<50.0	120	07/30/12 11:29	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	07/30/12 11:29	
o-Xylene	ug/kg	<25.0	60.0	07/30/12 11:29	
Toluene	ug/kg	<25.0	60.0	07/30/12 11:29	
a,a,a-Trifluorotoluene (S)	%.	102	80-120	07/30/12 11:29	

LABORATORY CONTROL SAMPLE & LCSD: 644063 644064

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1000	911	908	91	91	80-120	0	20	
1,3,5-Trimethylbenzene	ug/kg	1000	918	916	92	92	80-120	0	20	
Benzene	ug/kg	1000	919	917	92	92	80-120	0	20	
Ethylbenzene	ug/kg	1000	993	988	99	99	80-120	0	20	
m&p-Xylene	ug/kg	2000	1950	1940	97	97	80-120	0	20	
Methyl-tert-butyl ether	ug/kg	1000	944	931	94	93	80-120	1	20	
o-Xylene	ug/kg	1000	991	985	99	99	80-120	1	20	
Toluene	ug/kg	1000	976	972	98	97	80-120	0	20	
a,a,a-Trifluorotoluene (S)	%.				103	102	80-120			

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

QC Batch: MPRP/7263 — Analysis Method: EPA 6010
QC Batch Method: EPA 3050 — Analysis Description: 6010 MET
Associated Lab Samples: 4064149001, 4064149005, 4064149007

METHOD BLANK: 644163 — Matrix: Solid
Associated Lab Samples: 4064149001, 4064149005, 4064149007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/kg	<0.25	1.0	07/31/12 17:05	

LABORATORY CONTROL SAMPLE: 644164

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	50	51.3	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 644165 644166

Parameter	Units	4064149001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/kg	8.4	58.8	59.3	57.5	60.4	84	88	75-125	5	20	

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

QC Batch: MSV/16049 | Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B | Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 4064149001, 4064149005, 4064149007

METHOD BLANK: 646022 | Matrix: Solid
Associated Lab Samples: 4064149001, 4064149005, 4064149007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<25.0	60.0	08/02/12 08:37	
1,1,1-Trichloroethane	ug/kg	<25.0	60.0	08/02/12 08:37	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	60.0	08/02/12 08:37	
1,1,2-Trichloroethane	ug/kg	<25.0	60.0	08/02/12 08:37	
1,1-Dichloroethane	ug/kg	<25.0	60.0	08/02/12 08:37	
1,1-Dichloroethene	ug/kg	<25.0	60.0	08/02/12 08:37	
1,1-Dichloropropene	ug/kg	<25.0	60.0	08/02/12 08:37	
1,2,3-Trichlorobenzene	ug/kg	<25.0	60.0	08/02/12 08:37	
1,2,3-Trichloropropane	ug/kg	<25.0	60.0	08/02/12 08:37	
1,2,4-Trichlorobenzene	ug/kg	<25.0	60.0	08/02/12 08:37	
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	08/02/12 08:37	
1,2-Dibromo-3-chloropropane	ug/kg	<82.3	250	08/02/12 08:37	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	60.0	08/02/12 08:37	
1,2-Dichlorobenzene	ug/kg	<44.4	60.0	08/02/12 08:37	
1,2-Dichloroethane	ug/kg	<25.0	60.0	08/02/12 08:37	
1,2-Dichloropropane	ug/kg	<25.0	60.0	08/02/12 08:37	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	08/02/12 08:37	
1,3-Dichlorobenzene	ug/kg	<25.0	60.0	08/02/12 08:37	
1,3-Dichloropropane	ug/kg	<25.0	60.0	08/02/12 08:37	
1,4-Dichlorobenzene	ug/kg	<25.0	60.0	08/02/12 08:37	
2,2-Dichloropropane	ug/kg	<25.0	60.0	08/02/12 08:37	
2-Chlorotoluene	ug/kg	<25.0	60.0	08/02/12 08:37	
4-Chlorotoluene	ug/kg	<25.0	60.0	08/02/12 08:37	
Benzene	ug/kg	<25.0	60.0	08/02/12 08:37	
Bromobenzene	ug/kg	<25.0	60.0	08/02/12 08:37	
Bromochloromethane	ug/kg	<25.0	60.0	08/02/12 08:37	
Bromodichloromethane	ug/kg	<25.0	60.0	08/02/12 08:37	
Bromoform	ug/kg	<25.9	60.0	08/02/12 08:37	
Bromomethane	ug/kg	<25.0	60.0	08/02/12 08:37	
Carbon tetrachloride	ug/kg	<25.0	60.0	08/02/12 08:37	
Chlorobenzene	ug/kg	<25.0	60.0	08/02/12 08:37	
Chloroethane	ug/kg	<25.0	60.0	08/02/12 08:37	
Chloroform	ug/kg	<25.0	60.0	08/02/12 08:37	
Chloromethane	ug/kg	<25.0	60.0	08/02/12 08:37	
cis-1,2-Dichloroethene	ug/kg	<25.0	60.0	08/02/12 08:37	
cis-1,3-Dichloropropene	ug/kg	<25.0	60.0	08/02/12 08:37	
Dibromochloromethane	ug/kg	<25.0	60.0	08/02/12 08:37	
Dibromomethane	ug/kg	<25.0	60.0	08/02/12 08:37	
Dichlorodifluoromethane	ug/kg	<25.0	60.0	08/02/12 08:37	
Diisopropyl ether	ug/kg	<25.0	60.0	08/02/12 08:37	
Ethylbenzene	ug/kg	<25.0	60.0	08/02/12 08:37	
Hexachloro-1,3-butadiene	ug/kg	<26.4	60.0	08/02/12 08:37	
Isopropylbenzene (Cumene)	ug/kg	<25.0	60.0	08/02/12 08:37	

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

METHOD BLANK: 646022 Matrix: Solid

Associated Lab Samples: 4064149001, 4064149005, 4064149007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/kg	<50.0	120	08/02/12 08:37	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	08/02/12 08:37	
Methylene Chloride	ug/kg	<25.0	60.0	08/02/12 08:37	
n-Butylbenzene	ug/kg	<40.4	60.0	08/02/12 08:37	
n-Propylbenzene	ug/kg	<25.0	60.0	08/02/12 08:37	
Naphthalene	ug/kg	<25.0	60.0	08/02/12 08:37	
o-Xylene	ug/kg	<25.0	60.0	08/02/12 08:37	
p-Isopropyltoluene	ug/kg	<25.0	60.0	08/02/12 08:37	
sec-Butylbenzene	ug/kg	<25.0	60.0	08/02/12 08:37	
Styrene	ug/kg	<25.0	60.0	08/02/12 08:37	
tert-Butylbenzene	ug/kg	<25.0	60.0	08/02/12 08:37	
Tetrachloroethene	ug/kg	<25.0	60.0	08/02/12 08:37	
Toluene	ug/kg	<25.0	60.0	08/02/12 08:37	
trans-1,2-Dichloroethene	ug/kg	<25.0	60.0	08/02/12 08:37	
trans-1,3-Dichloropropene	ug/kg	<25.0	60.0	08/02/12 08:37	
Trichloroethene	ug/kg	<25.0	60.0	08/02/12 08:37	
Trichlorofluoromethane	ug/kg	<25.0	60.0	08/02/12 08:37	
Vinyl chloride	ug/kg	<25.0	60.0	08/02/12 08:37	
4-Bromofluorobenzene (S)	%.	105	49-130	08/02/12 08:37	
Dibromofluoromethane (S)	%.	93	57-130	08/02/12 08:37	
Toluene-d8 (S)	%.	110	54-133	08/02/12 08:37	

LABORATORY CONTROL SAMPLE & LCSD: 646023 646024

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2530	2600	101	104	70-130	3	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2510	2490	100	100	70-130	1	20	
1,1,2-Trichloroethane	ug/kg	2500	2540	2540	102	102	70-130	0	20	
1,1-Dichloroethane	ug/kg	2500	2560	2540	103	102	70-130	1	20	
1,1-Dichloroethene	ug/kg	2500	2500	2530	100	101	64-130	1	20	
1,2,4-Trichlorobenzene	ug/kg	2500	2480	2600	99	104	68-130	5	20	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2000	2220	80	89	50-150	10	20	
1,2-Dibromoethane (EDB)	ug/kg	2500	2660	2640	107	105	70-130	1	20	
1,2-Dichlorobenzene	ug/kg	2500	2510	2540	100	102	70-130	2	20	
1,2-Dichloroethane	ug/kg	2500	2550	2610	102	105	70-130	2	20	
1,2-Dichloropropane	ug/kg	2500	2520	2590	101	104	70-130	3	20	
1,3-Dichlorobenzene	ug/kg	2500	2480	2550	99	102	70-130	3	20	
1,4-Dichlorobenzene	ug/kg	2500	2480	2520	99	101	70-130	2	20	
Benzene	ug/kg	2500	2550	2620	102	105	70-130	3	20	
Bromodichloromethane	ug/kg	2500	2300	2400	92	96	70-130	4	20	
Bromoform	ug/kg	2500	1910	2020	76	81	63-130	6	20	
Bromomethane	ug/kg	2500	2100	2160	84	87	41-142	3	20	
Carbon tetrachloride	ug/kg	2500	2460	2620	98	105	70-130	6	20	
Chlorobenzene	ug/kg	2500	2510	2550	101	102	70-130	1	20	
Chloroethane	ug/kg	2500	2170	2120	87	85	57-130	2	20	

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

LABORATORY CONTROL SAMPLE & LCSD: 646023 646024

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloroform	ug/kg	2500	2480	2570	99	103	70-130	4	20	
Chloromethane	ug/kg	2500	2320	2390	93	96	57-130	3	20	
cis-1,2-Dichloroethene	ug/kg	2500	2510	2580	100	103	70-130	3	20	
cis-1,3-Dichloropropene	ug/kg	2500	2230	2270	89	91	70-130	2	20	
Dibromochloromethane	ug/kg	2500	2140	2210	86	88	70-130	3	20	
Dichlorodifluoromethane	ug/kg	2500	1710	1700	68	68	31-150	1	20	
Ethylbenzene	ug/kg	2500	2630	2630	105	105	65-137	0	20	
Isopropylbenzene (Cumene)	ug/kg	2500	2670	2700	107	108	70-130	1	20	
m&p-Xylene	ug/kg	5000	5190	5140	104	103	64-139	1	20	
Methyl-tert-butyl ether	ug/kg	2500	2640	2730	106	109	69-130	3	20	
Methylene Chloride	ug/kg	2500	2510	2550	100	102	70-130	2	20	
o-Xylene	ug/kg	2500	2620	2620	105	105	63-135	0	20	
Styrene	ug/kg	2500	2610	2620	105	105	69-130	0	20	
Tetrachloroethene	ug/kg	2500	2470	2500	99	100	70-130	1	20	
Toluene	ug/kg	2500	2550	2570	102	103	70-130	1	20	
trans-1,2-Dichloroethene	ug/kg	2500	2400	2610	96	104	70-130	8	20	
trans-1,3-Dichloropropene	ug/kg	2500	2310	2380	92	95	70-130	3	20	
Trichloroethene	ug/kg	2500	2510	2580	100	103	70-130	3	20	
Trichlorofluoromethane	ug/kg	2500	2080	2120	83	85	50-150	2	20	
Vinyl chloride	ug/kg	2500	2380	2450	95	98	57-130	3	20	
4-Bromofluorobenzene (S)	%.				107	107	49-130			
Dibromofluoromethane (S)	%.				105	101	57-130			
Toluene-d8 (S)	%.				109	108	54-133			

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

QC Batch: OEXT/15435 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM
Associated Lab Samples: 4064149001, 4064149002, 4064149003, 4064149004, 4064149005, 4064149007

METHOD BLANK: 643967 Matrix: Solid
Associated Lab Samples: 4064149001, 4064149002, 4064149003, 4064149004, 4064149005, 4064149007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<7.6	16.7	07/30/12 09:48	
2-Methylnaphthalene	ug/kg	<1.6	16.7	07/30/12 09:48	
Acenaphthene	ug/kg	<8.3	16.7	07/30/12 09:48	
Acenaphthylene	ug/kg	<8.3	16.7	07/30/12 09:48	
Anthracene	ug/kg	<1.7	16.7	07/30/12 09:48	
Benzo(a)anthracene	ug/kg	<8.3	16.7	07/30/12 09:48	
Benzo(a)pyrene	ug/kg	<8.3	16.7	07/30/12 09:48	
Benzo(b)fluoranthene	ug/kg	<2.4	16.7	07/30/12 09:48	
Benzo(g,h,i)perylene	ug/kg	<8.3	16.7	07/30/12 09:48	
Benzo(k)fluoranthene	ug/kg	<8.3	16.7	07/30/12 09:48	
Chrysene	ug/kg	<1.9	16.7	07/30/12 09:48	
Dibenz(a,h)anthracene	ug/kg	<8.3	16.7	07/30/12 09:48	
Fluoranthene	ug/kg	<8.3	16.7	07/30/12 09:48	
Fluorene	ug/kg	<8.3	16.7	07/30/12 09:48	
Indeno(1,2,3-cd)pyrene	ug/kg	<8.3	16.7	07/30/12 09:48	
Naphthalene	ug/kg	<3.1	16.7	07/30/12 09:48	
Phenanthrene	ug/kg	<2.1	16.7	07/30/12 09:48	
Pyrene	ug/kg	<8.3	16.7	07/30/12 09:48	
2-Fluorobiphenyl (S)	%.	79	43-130	07/30/12 09:48	
Terphenyl-d14 (S)	%.	80	32-130	07/30/12 09:48	

LABORATORY CONTROL SAMPLE: 643968

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	333	271	81	44-130	
2-Methylnaphthalene	ug/kg	333	264	79	45-130	
Acenaphthene	ug/kg	333	279	84	51-130	
Acenaphthylene	ug/kg	333	280	84	53-130	
Anthracene	ug/kg	333	302	91	48-130	
Benzo(a)anthracene	ug/kg	333	251	75	55-130	
Benzo(a)pyrene	ug/kg	333	282	85	56-130	
Benzo(b)fluoranthene	ug/kg	333	260	78	53-130	
Benzo(g,h,i)perylene	ug/kg	333	278	83	58-130	
Benzo(k)fluoranthene	ug/kg	333	284	85	55-130	
Chrysene	ug/kg	333	267	80	59-130	
Dibenz(a,h)anthracene	ug/kg	333	278	83	56-130	
Fluoranthene	ug/kg	333	277	83	56-130	
Fluorene	ug/kg	333	282	85	54-130	
Indeno(1,2,3-cd)pyrene	ug/kg	333	281	84	57-130	
Naphthalene	ug/kg	333	258	77	43-130	
Phenanthrene	ug/kg	333	273	82	56-130	

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

LABORATORY CONTROL SAMPLE: 643968

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/kg	333	275	82	54-130	
2-Fluorobiphenyl (S)	%.			77	43-130	
Terphenyl-d14 (S)	%.			74	32-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 643969 643970

Parameter	Units	4064148001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/kg	<9.4	411	411	289	323	69	77	35-130	11	30	
2-Methylnaphthalene	ug/kg	4.9J	411	411	283	324	67	77	39-130	14	33	
Acenaphthene	ug/kg	<10.3	411	411	290	455	68	108	40-130	44	20	D6
Acenaphthylene	ug/kg	<10.3	411	411	292	305	70	73	40-130	4	20	
Anthracene	ug/kg	31.7	411	411	293	575	64	132	46-130	65	24	D6,M1
Benzo(a)anthracene	ug/kg	33.0	411	411	227	520	47	118	42-130	79	25	D6
Benzo(a)pyrene	ug/kg	28.5	411	411	256	534	55	123	40-130	70	31	D6
Benzo(b)fluoranthene	ug/kg	23.2	411	411	245	455	54	105	45-130	60	29	D6
Benzo(g,h,i)perylene	ug/kg	14.5J	411	411	251	405	57	95	16-143	47	23	D6
Benzo(k)fluoranthene	ug/kg	25.4	411	411	252	500	55	115	38-130	66	33	D6
Chrysene	ug/kg	35.7	411	411	253	542	53	123	38-130	73	31	D6
Dibenz(a,h)anthracene	ug/kg	<10.3	411	411	248	313	59	75	30-135	23	23	
Fluoranthene	ug/kg	91.4	411	411	264	1120	42	250	42-133	124	28	D6,M1
Fluorene	ug/kg	<10.3	411	411	285	431	67	102	43-130	41	22	D6
Indeno(1,2,3-cd)pyrene	ug/kg	13.2J	411	411	254	385	58	90	15-150	41	27	D6
Naphthalene	ug/kg	8.5J	411	411	271	339	64	80	24-130	22	33	
Phenanthrene	ug/kg	86.3	411	411	270	1320	45	300	27-135	132	27	D6,M1
Pyrene	ug/kg	66.1	411	411	215	822	36	184	36-130	117	23	D6,M1
2-Fluorobiphenyl (S)	%.						71	70	43-130			
Terphenyl-d14 (S)	%.						51	56	32-130			

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

QC Batch: PMST/7365
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4064149001

SAMPLE DUPLICATE: 643421

Parameter	Units	4064149001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.6	15.2	3	10	

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

QC Batch: PMST/7390 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4064149002, 4064149003, 4064149004, 4064149005, 4064149006, 4064149007, 4064149008

SAMPLE DUPLICATE: 645021

Parameter	Units	4063977001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.1	18.1	0	10	

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QUALIFIERS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

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LABORATORIES

PASI-G	Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: MSSV/4820

[IP]	Benzo(b)fluoranthene and benzo(k)fluoranthene were in the check standard but did not meet the resolution criteria in SW846 Method 8270C. Whereas sample results included are reported as individual isomers, the lab and the customer must recognize them as an isomeric pair.

Batch: MSV/16052

[M5]	A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

D6	The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
W	Non-detect results are reported on a wet weight basis.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4064149002	DP-1 (10'-12')	TPH GRO/PVOC WI ext.	GCV/8755	WI MOD GRO	GCV/8756
4064149003	DP-2 (6'-8')	TPH GRO/PVOC WI ext.	GCV/8755	WI MOD GRO	GCV/8756
4064149004	DP-3 (7'-8')	TPH GRO/PVOC WI ext.	GCV/8755	WI MOD GRO	GCV/8756
4064149006	DP-4 (11'-12')	TPH GRO/PVOC WI ext.	GCV/8755	WI MOD GRO	GCV/8756
4064149008	DP-5 (7'-8')	TPH GRO/PVOC WI ext.	GCV/8755	WI MOD GRO	GCV/8756
4064149001	DP-1 (4'-6')	EPA 3050	MPRP/7263	EPA 6010	ICP/6300
4064149005	DP-4 (8'-9')	EPA 3050	MPRP/7263	EPA 6010	ICP/6300
4064149007	DP-5 (3'-4')	EPA 3050	MPRP/7263	EPA 6010	ICP/6300
4064149001	DP-1 (4'-6')	EPA 3546	OEXT/15435	EPA 8270 by SIM	MSSV/4820
4064149002	DP-1 (10'-12')	EPA 3546	OEXT/15435	EPA 8270 by SIM	MSSV/4820
4064149003	DP-2 (6'-8')	EPA 3546	OEXT/15435	EPA 8270 by SIM	MSSV/4820
4064149004	DP-3 (7'-8')	EPA 3546	OEXT/15435	EPA 8270 by SIM	MSSV/4820
4064149005	DP-4 (8'-9')	EPA 3546	OEXT/15435	EPA 8270 by SIM	MSSV/4820
4064149007	DP-5 (3'-4')	EPA 3546	OEXT/15435	EPA 8270 by SIM	MSSV/4820
4064149001	DP-1 (4'-6')	EPA 5035/5030B	MSV/16049	EPA 8260	MSV/16052
4064149005	DP-4 (8'-9')	EPA 5035/5030B	MSV/16049	EPA 8260	MSV/16052
4064149007	DP-5 (3'-4')	EPA 5035/5030B	MSV/16049	EPA 8260	MSV/16052
4064149001	DP-1 (4'-6')	ASTM D2974-87	PMST/7365		
4064149002	DP-1 (10'-12')	ASTM D2974-87	PMST/7390		
4064149003	DP-2 (6'-8')	ASTM D2974-87	PMST/7390		
4064149004	DP-3 (7'-8')	ASTM D2974-87	PMST/7390		
4064149005	DP-4 (8'-9')	ASTM D2974-87	PMST/7390		
4064149006	DP-4 (11'-12')	ASTM D2974-87	PMST/7390		
4064149007	DP-5 (3'-4')	ASTM D2974-87	PMST/7390		
4064149008	DP-5 (7'-8')	ASTM D2974-87	PMST/7390		

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UPPER MIDWEST REGION JDF
MN: 612-607-1700 WI: 920-469-2436

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CHAIN OF CUSTODY

4064149

(Please Print Clearly)	
Company Name:	ChemReport, Inc
Branch/Location:	Kenosha
Project Contact:	Sean Cranley
Phone:	(262) 654-7020
Project Number:	
Project Name:	Parks Pioneer (Silver Steel)
Project State:	WI
Sampled By (Print):	Sean Cranley
Sampled By (Sign):	
PO #:	Regulatory Program: PECFA

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	PECFA U+C
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, Sl = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter: F	A	F	A	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
					Analyses Requested	PVOCs	PAHs	VOCs	Lead			
001	DP-1 (4'-6')	7/25/12	9:45	S			X	X	X		1-40mlF; 1-4ozagA; 1-4ozpA	
002	DP-1 (10'-12')	↓	9:55	↓		X	X				↓	
003	DP-2 (6'-8')		10:25			X	X					
004	DP-3 (7'-8')		10:55			X	X					
005	DP-4 (8'-9')		11:35				X	X	X		; 1-4ozpA	
006	DP-4 (11'-12')		11:40			X						
007	DP-5 (3'-4')		11:50				X	X	X		; 1-4ozpA	
008	DP-5 (7'-8')	↓	12:00	↓		X					↓	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):
Email #1: scranley@chemreport.com
Email #2:
Telephone:
Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	7/26/12 11:40	Mary Fanna	7/26/12 11:40
Mary Fanna	7/26/12 1540		
CS Logistics	7/27/12 1035	E Kelling Pace GB	7/27/12 1035

PACE Project No. 4064149
Receipt Temp = ROI °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal: Present / Not Present; Intact / Not Intact

Version 6.0 06/14/06

C019e(27 Jun2006)

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Pace Analytical

Sample Condition Upon Receipt

Client Name: Chem Reports Project # 40604149

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☑ Commercial ☐ Pace Other CS Logistics

Tracking #: _____

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals intact: ☑ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None Other

Thermometer Used N/A Type of Ice: (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun.

Cooler Temperature ROI Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 7/27/12
Initials: EMH

Temp should be above freezing to 6°C for all sample except Biota.
Biota Samples should be received ≤ 0°C.

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC: EMH 7/27/12	☑Yes (☑No) ☐N/A	12. No dates or times on samples EMH 7/27/12
-Includes date/time/ID/Analysis Matrix: S		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.
Trip Blank Present:	☐Yes ☐No ☑N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: [signature] Date: 7/27/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

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1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

December 14, 2012

Sean Cranley
Chem Reports, Inc.
4515 Washington Road
Kenosha, WI 53144

RE: Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

Dear Sean Cranley:
Enclosed are the analytical results for sample(s) received by the laboratory on December 04, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kang Khang

kang.khang@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

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SAMPLE SUMMARY

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4071374001	**SB-3 (12'-14')**	Solid	11/29/12 11:40	12/04/12 10:05
4071374002	**SB-4 (9'-11')**	Solid	11/29/12 12:55	12/04/12 10:05
4071374003	**SB-5 (8'-10')**	Solid	11/29/12 13:30	12/04/12 10:05
4071374004	**SB-6 (10'-12')**	Solid	11/30/12 09:25	12/04/12 10:05

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SAMPLE ANALYTE COUNT

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4071374001	SB-3 (12'-14')	WI MOD GRO	PMS	9	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		ASTM D2974-87	BLF	1	PASI-G
4071374002	SB-4 (9'-11')	WI MOD GRO	PMS	9	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		ASTM D2974-87	BLF	1	PASI-G
4071374003	SB-5 (8'-10')	WI MOD GRO	PMS	9	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		ASTM D2974-87	BLF	1	PASI-G
4071374004	SB-6 (10'-12')	WI MOD GRO	PMS	9	PASI-G
		EPA 6010	MMZ	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		ASTM D2974-87	BLF	1	PASI-G

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

Sample: SB-3 (12'-14') **Lab ID: 4071374001** Collected: 11/29/12 11:40 Received: 12/04/12 10:05 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 20:45	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 20:45	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 20:45	1634-04-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 20:45	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 20:45	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 20:45	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/05/12 09:33	12/05/12 20:45	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 20:45	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	98	%.	80-120		1	12/05/12 09:33	12/05/12 20:45	98-08-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**8.2**	mg/kg	1.1	0.29	1	12/06/12 16:15	12/07/12 10:56	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<9.5**	ug/kg	19.1	9.5	1	12/11/12 12:00	12/11/12 16:06	83-32-9	
Acenaphthylene	**<9.5**	ug/kg	19.1	9.5	1	12/11/12 12:00	12/11/12 16:06	208-96-8	
Anthracene	**<2.0**	ug/kg	19.1	2.0	1	12/11/12 12:00	12/11/12 16:06	120-12-7	
Benzo(a)anthracene	**<9.5**	ug/kg	19.1	9.5	1	12/11/12 12:00	12/11/12 16:06	56-55-3	
Benzo(a)pyrene	**<9.5**	ug/kg	19.1	9.5	1	12/11/12 12:00	12/11/12 16:06	50-32-8	
Benzo(b)fluoranthene	**<2.8**	ug/kg	19.1	2.8	1	12/11/12 12:00	12/11/12 16:06	205-99-2	
Benzo(g,h,i)perylene	**<9.5**	ug/kg	19.1	9.5	1	12/11/12 12:00	12/11/12 16:06	191-24-2	
Benzo(k)fluoranthene	**<9.5**	ug/kg	19.1	9.5	1	12/11/12 12:00	12/11/12 16:06	207-08-9	
Chrysene	**5.8J**	ug/kg	19.1	2.2	1	12/11/12 12:00	12/11/12 16:06	218-01-9	
Dibenz(a,h)anthracene	**<9.5**	ug/kg	19.1	9.5	1	12/11/12 12:00	12/11/12 16:06	53-70-3	
Fluoranthene	**<9.5**	ug/kg	19.1	9.5	1	12/11/12 12:00	12/11/12 16:06	206-44-0	
Fluorene	**<9.5**	ug/kg	19.1	9.5	1	12/11/12 12:00	12/11/12 16:06	86-73-7	
Indeno(1,2,3-cd)pyrene	**<9.5**	ug/kg	19.1	9.5	1	12/11/12 12:00	12/11/12 16:06	193-39-5	
1-Methylnaphthalene	**<8.7**	ug/kg	19.1	8.7	1	12/11/12 12:00	12/11/12 16:06	90-12-0	
2-Methylnaphthalene	**2.2J**	ug/kg	19.1	1.8	1	12/11/12 12:00	12/11/12 16:06	91-57-6	
Naphthalene	**<3.6**	ug/kg	19.1	3.6	1	12/11/12 12:00	12/11/12 16:06	91-20-3	
Phenanthrene	**3.4J**	ug/kg	19.1	2.4	1	12/11/12 12:00	12/11/12 16:06	85-01-8	
Pyrene	**<9.5**	ug/kg	19.1	9.5	1	12/11/12 12:00	12/11/12 16:06	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	91	%.	43-130		1	12/11/12 12:00	12/11/12 16:06	321-60-8	
Terphenyl-d14 (S)	99	%.	32-130		1	12/11/12 12:00	12/11/12 16:06	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.6**	%	0.10	0.10	1		12/12/12 15:48		

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

Sample: SB-4 (9'-11') **Lab ID: 4071374002** Collected: 11/29/12 12:55 **Received:** 12/04/12 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 13:55	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 13:55	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 13:55	1634-04-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 13:55	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 13:55	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 13:55	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/05/12 09:33	12/05/12 13:55	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 13:55	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%.	80-120		1	12/05/12 09:33	12/05/12 13:55	98-08-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**8.6**	mg/kg	0.98	0.25	1	12/06/12 16:15	12/07/12 11:03	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<9.7**	ug/kg	19.3	9.7	1	12/11/12 12:00	12/11/12 16:24	83-32-9	
Acenaphthylene	**<9.7**	ug/kg	19.3	9.7	1	12/11/12 12:00	12/11/12 16:24	208-96-8	
Anthracene	**<2.0**	ug/kg	19.3	2.0	1	12/11/12 12:00	12/11/12 16:24	120-12-7	
Benzo(a)anthracene	**<9.7**	ug/kg	19.3	9.7	1	12/11/12 12:00	12/11/12 16:24	56-55-3	
Benzo(a)pyrene	**<9.7**	ug/kg	19.3	9.7	1	12/11/12 12:00	12/11/12 16:24	50-32-8	
Benzo(b)fluoranthene	**<2.8**	ug/kg	19.3	2.8	1	12/11/12 12:00	12/11/12 16:24	205-99-2	
Benzo(g,h,i)perylene	**<9.7**	ug/kg	19.3	9.7	1	12/11/12 12:00	12/11/12 16:24	191-24-2	
Benzo(k)fluoranthene	**<9.7**	ug/kg	19.3	9.7	1	12/11/12 12:00	12/11/12 16:24	207-08-9	
Chrysene	**3.6J**	ug/kg	19.3	2.2	1	12/11/12 12:00	12/11/12 16:24	218-01-9	
Dibenz(a,h)anthracene	**<9.7**	ug/kg	19.3	9.7	1	12/11/12 12:00	12/11/12 16:24	53-70-3	
Fluoranthene	**<9.7**	ug/kg	19.3	9.7	1	12/11/12 12:00	12/11/12 16:24	206-44-0	
Fluorene	**<9.7**	ug/kg	19.3	9.7	1	12/11/12 12:00	12/11/12 16:24	86-73-7	
Indeno(1,2,3-cd)pyrene	**<9.7**	ug/kg	19.3	9.7	1	12/11/12 12:00	12/11/12 16:24	193-39-5	
1-Methylnaphthalene	**<8.8**	ug/kg	19.3	8.8	1	12/11/12 12:00	12/11/12 16:24	90-12-0	
2-Methylnaphthalene	**<1.8**	ug/kg	19.3	1.8	1	12/11/12 12:00	12/11/12 16:24	91-57-6	
Naphthalene	**<3.6**	ug/kg	19.3	3.6	1	12/11/12 12:00	12/11/12 16:24	91-20-3	
Phenanthrene	**<2.5**	ug/kg	19.3	2.5	1	12/11/12 12:00	12/11/12 16:24	85-01-8	
Pyrene	**<9.7**	ug/kg	19.3	9.7	1	12/11/12 12:00	12/11/12 16:24	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	80	%.	43-130		1	12/11/12 12:00	12/11/12 16:24	321-60-8	
Terphenyl-d14 (S)	87	%.	32-130		1	12/11/12 12:00	12/11/12 16:24	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.8**	%	0.10	0.10	1		12/12/12 15:49		

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

Sample: SB-5 (8'-10') **Lab ID: 4071374003** Collected: 11/29/12 13:30 **Received:** 12/04/12 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 21:10	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 21:10	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 21:10	1634-04-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 21:10	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 21:10	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 21:10	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/05/12 09:33	12/05/12 21:10	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 21:10	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	98	%.	80-120		1	12/05/12 09:33	12/05/12 21:10	98-08-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**7.6**	mg/kg	1.1	0.29	1	12/06/12 16:15	12/07/12 11:05	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<9.6**	ug/kg	19.3	9.6	1	12/11/12 12:00	12/11/12 16:41	83-32-9	
Acenaphthylene	**<9.6**	ug/kg	19.3	9.6	1	12/11/12 12:00	12/11/12 16:41	208-96-8	
Anthracene	**<2.0**	ug/kg	19.3	2.0	1	12/11/12 12:00	12/11/12 16:41	120-12-7	
Benzo(a)anthracene	**<9.6**	ug/kg	19.3	9.6	1	12/11/12 12:00	12/11/12 16:41	56-55-3	
Benzo(a)pyrene	**<9.6**	ug/kg	19.3	9.6	1	12/11/12 12:00	12/11/12 16:41	50-32-8	
Benzo(b)fluoranthene	**<2.8**	ug/kg	19.3	2.8	1	12/11/12 12:00	12/11/12 16:41	205-99-2	
Benzo(g,h,i)perylene	**<9.6**	ug/kg	19.3	9.6	1	12/11/12 12:00	12/11/12 16:41	191-24-2	
Benzo(k)fluoranthene	**<9.6**	ug/kg	19.3	9.6	1	12/11/12 12:00	12/11/12 16:41	207-08-9	
Chrysene	**<2.2**	ug/kg	19.3	2.2	1	12/11/12 12:00	12/11/12 16:41	218-01-9	
Dibenz(a,h)anthracene	**<9.6**	ug/kg	19.3	9.6	1	12/11/12 12:00	12/11/12 16:41	53-70-3	
Fluoranthene	**<9.6**	ug/kg	19.3	9.6	1	12/11/12 12:00	12/11/12 16:41	206-44-0	
Fluorene	**<9.6**	ug/kg	19.3	9.6	1	12/11/12 12:00	12/11/12 16:41	86-73-7	
Indeno(1,2,3-cd)pyrene	**<9.6**	ug/kg	19.3	9.6	1	12/11/12 12:00	12/11/12 16:41	193-39-5	
1-Methylnaphthalene	**<8.8**	ug/kg	19.3	8.8	1	12/11/12 12:00	12/11/12 16:41	90-12-0	
2-Methylnaphthalene	**<1.8**	ug/kg	19.3	1.8	1	12/11/12 12:00	12/11/12 16:41	91-57-6	
Naphthalene	**<3.6**	ug/kg	19.3	3.6	1	12/11/12 12:00	12/11/12 16:41	91-20-3	
Phenanthrene	**<2.5**	ug/kg	19.3	2.5	1	12/11/12 12:00	12/11/12 16:41	85-01-8	
Pyrene	**<9.6**	ug/kg	19.3	9.6	1	12/11/12 12:00	12/11/12 16:41	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	90	%.	43-130		1	12/11/12 12:00	12/11/12 16:41	321-60-8	
Terphenyl-d14 (S)	105	%.	32-130		1	12/11/12 12:00	12/11/12 16:41	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.5**	%	0.10	0.10	1		12/12/12 15:49		

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

Sample: SB-6 (10'-12') **Lab ID: 4071374004** Collected: 11/30/12 09:25 Received: 12/04/12 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 15:38	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 15:38	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 15:38	1634-04-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 15:38	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 15:38	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 15:38	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/05/12 09:33	12/05/12 15:38	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 15:38	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%.	80-120		1	12/05/12 09:33	12/05/12 15:38	98-08-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**6.8**	mg/kg	1.1	0.28	1	12/07/12 10:30	12/10/12 11:05	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<9.6**	ug/kg	19.2	9.6	1	12/11/12 12:00	12/11/12 16:59	83-32-9	
Acenaphthylene	**<9.6**	ug/kg	19.2	9.6	1	12/11/12 12:00	12/11/12 16:59	208-96-8	
Anthracene	**<2.0**	ug/kg	19.2	2.0	1	12/11/12 12:00	12/11/12 16:59	120-12-7	
Benzo(a)anthracene	**<9.6**	ug/kg	19.2	9.6	1	12/11/12 12:00	12/11/12 16:59	56-55-3	
Benzo(a)pyrene	**<9.6**	ug/kg	19.2	9.6	1	12/11/12 12:00	12/11/12 16:59	50-32-8	
Benzo(b)fluoranthene	**9.5J**	ug/kg	19.2	2.8	1	12/11/12 12:00	12/11/12 16:59	205-99-2	
Benzo(g,h,i)perylene	**<9.6**	ug/kg	19.2	9.6	1	12/11/12 12:00	12/11/12 16:59	191-24-2	
Benzo(k)fluoranthene	**<9.6**	ug/kg	19.2	9.6	1	12/11/12 12:00	12/11/12 16:59	207-08-9	
Chrysene	**16.2J**	ug/kg	19.2	2.2	1	12/11/12 12:00	12/11/12 16:59	218-01-9	
Dibenz(a,h)anthracene	**<9.6**	ug/kg	19.2	9.6	1	12/11/12 12:00	12/11/12 16:59	53-70-3	
Fluoranthene	**14.0J**	ug/kg	19.2	9.6	1	12/11/12 12:00	12/11/12 16:59	206-44-0	
Fluorene	**<9.6**	ug/kg	19.2	9.6	1	12/11/12 12:00	12/11/12 16:59	86-73-7	
Indeno(1,2,3-cd)pyrene	**<9.6**	ug/kg	19.2	9.6	1	12/11/12 12:00	12/11/12 16:59	193-39-5	
1-Methylnaphthalene	**<8.8**	ug/kg	19.2	8.8	1	12/11/12 12:00	12/11/12 16:59	90-12-0	
2-Methylnaphthalene	**<1.8**	ug/kg	19.2	1.8	1	12/11/12 12:00	12/11/12 16:59	91-57-6	
Naphthalene	**<3.6**	ug/kg	19.2	3.6	1	12/11/12 12:00	12/11/12 16:59	91-20-3	
Phenanthrene	**5.8J**	ug/kg	19.2	2.5	1	12/11/12 12:00	12/11/12 16:59	85-01-8	
Pyrene	**13.1J**	ug/kg	19.2	9.6	1	12/11/12 12:00	12/11/12 16:59	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	89	%.	43-130		1	12/11/12 12:00	12/11/12 16:59	321-60-8	
Terphenyl-d14 (S)	97	%.	32-130		1	12/11/12 12:00	12/11/12 16:59	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.4**	%	0.10	0.10	1		12/12/12 15:49		

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

QC Batch: GCV/9431 Analysis Method: WI MOD GRO
QC Batch Method: TPH GRO/PVOC WI ext. Analysis Description: WIGRO Solid GCV
Associated Lab Samples: 4071374001, 4071374002, 4071374003, 4071374004

METHOD BLANK: 722270 Matrix: Solid
Associated Lab Samples: 4071374001, 4071374002, 4071374003, 4071374004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	12/05/12 11:14	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	12/05/12 11:14	
Benzene	ug/kg	<25.0	60.0	12/05/12 11:14	
Ethylbenzene	ug/kg	<25.0	60.0	12/05/12 11:14	
m&p-Xylene	ug/kg	<50.0	120	12/05/12 11:14	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	12/05/12 11:14	
o-Xylene	ug/kg	<25.0	60.0	12/05/12 11:14	
Toluene	ug/kg	<25.0	60.0	12/05/12 11:14	
a,a,a-Trifluorotoluene (S)	%.	99	80-120	12/05/12 11:14	

LABORATORY CONTROL SAMPLE & LCSD: 722271 722272

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1000	1060	1080	106	108	80-120	2	20	
1,3,5-Trimethylbenzene	ug/kg	1000	1060	1070	106	107	80-120	1	20	
Benzene	ug/kg	1000	1080	1090	108	109	80-120	1	20	
Ethylbenzene	ug/kg	1000	1040	1050	104	105	80-120	1	20	
m&p-Xylene	ug/kg	2000	2090	2110	105	106	80-120	1	20	
Methyl-tert-butyl ether	ug/kg	1000	1010	1020	101	102	80-120	1	20	
o-Xylene	ug/kg	1000	1050	1050	105	105	80-120	1	20	
Toluene	ug/kg	1000	1050	1060	105	106	80-120	1	20	
a,a,a-Trifluorotoluene (S)	%.				101	102	80-120			

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

QC Batch: MPRP/7898 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 4071374001, 4071374002, 4071374003

METHOD BLANK: 723337 Matrix: Solid
Associated Lab Samples: 4071374001, 4071374002, 4071374003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/kg	<0.25	1.0	12/07/12 10:38	

LABORATORY CONTROL SAMPLE: 723338

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	50	51.6	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 723339 723340

Parameter	Units	4071374001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/kg	8.2	57.1	56.8	57.0	56.6	86	85	75-125	1	20	

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

QC Batch: MPRP/7901 | Analysis Method: EPA 6010
QC Batch Method: EPA 3050 | Analysis Description: 6010 MET
Associated Lab Samples: 4071374004

METHOD BLANK: 723722 | Matrix: Solid
Associated Lab Samples: 4071374004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/kg	<0.25	1.0	12/10/12 10:36	

LABORATORY CONTROL SAMPLE: 723723

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	50	49.8	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 723724 723725

Parameter	Units	4071430002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/kg	5.2	52.3	52.4	53.9	52.3	93	90	75-125	3	20	

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

QC Batch: OEXT/17157 — Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 — Analysis Description: 8270/3546 MSSV PAH by SIM
Associated Lab Samples: 4071374001, 4071374002, 4071374003, 4071374004

METHOD BLANK: 725035 — Matrix: Solid
Associated Lab Samples: 4071374001, 4071374002, 4071374003, 4071374004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<7.6	16.7	12/11/12 09:41	
2-Methylnaphthalene	ug/kg	<1.6	16.7	12/11/12 09:41	
Acenaphthene	ug/kg	<8.3	16.7	12/11/12 09:41	
Acenaphthylene	ug/kg	<8.3	16.7	12/11/12 09:41	
Anthracene	ug/kg	<1.7	16.7	12/11/12 09:41	
Benzo(a)anthracene	ug/kg	<8.3	16.7	12/11/12 09:41	
Benzo(a)pyrene	ug/kg	<8.3	16.7	12/11/12 09:41	
Benzo(b)fluoranthene	ug/kg	<2.4	16.7	12/11/12 09:41	
Benzo(g,h,i)perylene	ug/kg	<8.3	16.7	12/11/12 09:41	
Benzo(k)fluoranthene	ug/kg	<8.3	16.7	12/11/12 09:41	
Chrysene	ug/kg	<1.9	16.7	12/11/12 09:41	
Dibenz(a,h)anthracene	ug/kg	<8.3	16.7	12/11/12 09:41	
Fluoranthene	ug/kg	<8.3	16.7	12/11/12 09:41	
Fluorene	ug/kg	<8.3	16.7	12/11/12 09:41	
Indeno(1,2,3-cd)pyrene	ug/kg	<8.3	16.7	12/11/12 09:41	
Naphthalene	ug/kg	<3.1	16.7	12/11/12 09:41	
Phenanthrene	ug/kg	<2.1	16.7	12/11/12 09:41	
Pyrene	ug/kg	<8.3	16.7	12/11/12 09:41	
2-Fluorobiphenyl (S)	%.	74	43-130	12/11/12 09:41	
Terphenyl-d14 (S)	%.	84	32-130	12/11/12 09:41	

LABORATORY CONTROL SAMPLE: 725036

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	333	242	73	44-130	
2-Methylnaphthalene	ug/kg	333	242	72	45-130	
Acenaphthene	ug/kg	333	248	74	51-130	
Acenaphthylene	ug/kg	333	264	79	53-130	
Anthracene	ug/kg	333	281	84	48-130	
Benzo(a)anthracene	ug/kg	333	257	77	55-130	
Benzo(a)pyrene	ug/kg	333	270	81	56-130	
Benzo(b)fluoranthene	ug/kg	333	248	74	53-130	
Benzo(g,h,i)perylene	ug/kg	333	256	77	58-130	
Benzo(k)fluoranthene	ug/kg	333	258	77	55-130	
Chrysene	ug/kg	333	257	77	59-130	
Dibenz(a,h)anthracene	ug/kg	333	262	79	56-130	
Fluoranthene	ug/kg	333	274	82	56-130	
Fluorene	ug/kg	333	265	79	54-130	
Indeno(1,2,3-cd)pyrene	ug/kg	333	260	78	57-130	
Naphthalene	ug/kg	333	228	68	43-130	
Phenanthrene	ug/kg	333	272	81	56-130	

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

LABORATORY CONTROL SAMPLE: 725036

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/kg	333	257	77	54-130	
2-Fluorobiphenyl (S)	%.			74	43-130	
Terphenyl-d14 (S)	%.			76	32-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 725037 725038

Parameter	Units	4071549001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/kg	<8.1	357	357	313	324	88	91	35-130	4	30	
2-Methylnaphthalene	ug/kg	<1.7	357	357	310	320	87	89	39-130	3	33	
Acenaphthene	ug/kg	<8.9	357	357	317	329	89	92	40-130	4	20	
Acenaphthylene	ug/kg	<8.9	357	357	341	352	96	98	40-130	3	20	
Anthracene	ug/kg	<1.8	357	357	369	390	103	109	46-130	6	24	
Benzo(a)anthracene	ug/kg	<8.9	357	357	319	326	89	91	42-130	2	25	
Benzo(a)pyrene	ug/kg	<8.9	357	357	354	369	99	103	40-130	4	31	
Benzo(b)fluoranthene	ug/kg	<2.6	357	357	333	333	93	93	45-130	0	29	
Benzo(g,h,i)perylene	ug/kg	<8.9	357	357	315	338	88	95	16-143	7	23	
Benzo(k)fluoranthene	ug/kg	<8.9	357	357	329	376	92	105	38-130	13	33	
Chrysene	ug/kg	<2.0	357	357	323	322	90	90	38-130	0	31	
Dibenz(a,h)anthracene	ug/kg	<8.9	357	357	322	344	90	96	30-135	6	23	
Fluoranthene	ug/kg	<8.9	357	357	347	364	97	102	42-133	5	28	
Fluorene	ug/kg	<8.9	357	357	336	348	94	97	43-130	3	22	
Indeno(1,2,3-cd)pyrene	ug/kg	<8.9	357	357	324	345	91	97	15-150	6	27	
Naphthalene	ug/kg	<3.4	357	357	297	294	83	82	24-130	1	33	
Phenanthrene	ug/kg	<2.3	357	357	343	361	96	101	27-135	5	27	
Pyrene	ug/kg	<8.9	357	357	321	327	89	91	36-130	2	23	
2-Fluorobiphenyl (S)	%.						90	91	43-130			
Terphenyl-d14 (S)	%.						96	98	32-130			

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

QC Batch: PMST/8029 | Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 | Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4071374001, 4071374002, 4071374003, 4071374004

SAMPLE DUPLICATE: 726032

Parameter	Units	4071374001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.6	12.6	0	10	

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Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALIFIERS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: MSSV/5263

[IP] Benzo(b)fluoranthene and benzo(k)fluoranthene were in the check standard but did not meet the resolution criteria in SW846 Method 8270C. Whereas sample results included are reported as individual isomers, the lab and the customer must recognize them as an isomeric pair.

ANALYTE QUALIFIERS

W Non-detect results are reported on a wet weight basis.

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(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4071374001	SB-3 (12'-14')	TPH GRO/PVOC WI ext.	GCV/9431	WI MOD GRO	GCV/9436
4071374002	SB-4 (9'-11')	TPH GRO/PVOC WI ext.	GCV/9431	WI MOD GRO	GCV/9436
4071374003	SB-5 (8'-10')	TPH GRO/PVOC WI ext.	GCV/9431	WI MOD GRO	GCV/9436
4071374004	SB-6 (10'-12')	TPH GRO/PVOC WI ext.	GCV/9431	WI MOD GRO	GCV/9436
4071374001	SB-3 (12'-14')	EPA 3050	MPRP/7898	EPA 6010	ICP/6918
4071374002	SB-4 (9'-11')	EPA 3050	MPRP/7898	EPA 6010	ICP/6918
4071374003	SB-5 (8'-10')	EPA 3050	MPRP/7898	EPA 6010	ICP/6918
4071374004	SB-6 (10'-12')	EPA 3050	MPRP/7901	EPA 6010	ICP/6922
4071374001	SB-3 (12'-14')	EPA 3546	OEXT/17157	EPA 8270 by SIM	MSSV/5263
4071374002	SB-4 (9'-11')	EPA 3546	OEXT/17157	EPA 8270 by SIM	MSSV/5263
4071374003	SB-5 (8'-10')	EPA 3546	OEXT/17157	EPA 8270 by SIM	MSSV/5263
4071374004	SB-6 (10'-12')	EPA 3546	OEXT/17157	EPA 8270 by SIM	MSSV/5263
4071374001	SB-3 (12'-14')	ASTM D2974-87	PMST/8029		
4071374002	SB-4 (9'-11')	ASTM D2974-87	PMST/8029		
4071374003	SB-5 (8'-10')	ASTM D2974-87	PMST/8029		
4071374004	SB-6 (10'-12')	ASTM D2974-87	PMST/8029		

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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

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CHAIN OF CUSTODY

4071374

(Please Print Clearly)	
Company Name:	Chem Report, Inc.
Branch/Location:	Kenosha
Project Contact:	Sean Crowley
Phone:	(262) 654-7020
Project Number:	Parks Pioneer (Silver Steel)
Project Name:	
Project State:	WI
Sampled By (Print):	Sean Crowley
Sampled By (Sign):	
PO #:	
Regulatory Program:	PECFA

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	PECFA UFC
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, Sl = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	PVOCs	Lead	PAHs						CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
							F	A	A								
001	SB-3 (12'-14')	11/29/12	11:40	S			X	X	X							1-40mlF, 1-4ozpA	
002	SB-4 (9'-11')		12:55														
003	SB-5 (8'-10')		1:30														
004	SB-6 (10'-12')	11/30/12	9:25														

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	SCrowley@chemreport.com
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Sean Crowley	12/3/12 11:27	Mary Fannin	12/3/12 11:27
Mary Fannin	12/3/12 14:00		
CSL Logistics	12/4/12 1005	E. Rehling Pace GB	12/4/12 1005

PACE Project No. 4071374

Receipt Temp = ROT °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal: Present / Not Present; Intact / Not Intact

Version 0.0 06/14/06

C019a(27 Jun2006)

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Pace Analytical

Sample Condition Upon Receipt

Client Name: ChemReport Project # 4071374

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☑ Commercial ☐ Pace Other CSLogistics

Tracking #:

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals intact: ☑ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None Other

Thermometer Used N/A Type of Ice: (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun.

Cooler Temperature ROT Biological Tissue Is Frozen: ☐ yes ☐ no

Temp Blank Present: ☑ yes ☐ no

Temp should be above freezing to 6°C for all sample except Biota.
Biota Samples should be received ≤ 0°C.

Person examining contents:
Date: 12/4/12
Initials: EMH

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	~~☑Yes~~ (☑No) ☐N/A	12. No dates or times on samples EMH 12/4/12
-Includes date/time/ID/Analysis Matrix: S		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.
Trip Blank Present:	☐Yes ☐No ☑N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: Date: 12/4/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

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

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of 1	3. Emergency Response Phone 800-424-9300	4. Waste Tracking Number 031021

5. Generator's Name and Mailing Address
Parks Pioneer Silver Street
1218 Frederick St.
Racine WI 53404
Generator's Phone: 262 488 5757
Att: Miguel Vaguilla
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Badger Disposal of WI., Inc.
U.S. EPA ID Number: WID988580056

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

8. Designated Facility Name and Site Address
Badger Disposal of WI, Inc.
5611 West Hemlock Street
Milwaukee WI 53223
Facility's Phone: 414 760-9175
U.S. EPA ID Number: WID988580056

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non-regulated material	002	DM	110	G	NONE
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1)WS038236 Well Purge Water Emergency Contact: CHEMTREC #CCN708044

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: Sean Cranley (consultant) Signature: [signature] Month 03 Day 11 Year 15

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: MICHAEL SHEPHERD Signature: [signature] Month 03 Day 11 Year 15
Transporter 2 Printed/Typed Name Signature Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Sarah Wedsten Signature: [signature] Month 3 Day 12 Year 15

6-NHM-C-C-11

2-DESIGNATED FACILITY TO GENERATOR

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	1	414-236-1083	062002

5. Generator's Name and Mailing Address

Parks Pioneer Sliver Street
1218 Frederick St.
Racine WI 53404
Generator's Phone: 262 488 6767

Att: Miguel Vegulla

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

6. Transporter 1 Company Name

Badger Disposal of WI., Inc.

U.S. EPA ID Number: WID988580056

7. Transporter 2 Company Name

U.S. EPA ID Number:

8. Designated Facility Name and Site Address

Badger Disposal of WI, Inc.
5611 West Hemlock Street
Milwaukee WI 53223
Facility's Phone: 414 760 0175

U.S. EPA ID Number: WID988580056

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non-regulated material	005	DM	275	G	NONE
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information

1)WS031195 Soil Boring Solids Emergency Contact: Badger Disposal 414-236-1083

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: (D) Sean Crawley
Signature: (X) Sean Crawley
Month 06 Day 20 Year 13

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: MICHAEL SHEPHERD
Signature: Michael Shepherd
Month 06 Day 20 Year 13

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

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: Eric Key
Signature: Eric Key
Month 6 Day 20 Year 13

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

6-NHM-C-C-11

9 DESIGNATED FACILITY TO GENERATOR

ChemReport
Environmental & Safety Engineers

ATTACHMENT D
Maintenance Plan and Photographs

Attachment D Explanations

Site conditions do not warrant a maintenance plan for the source property nor for any surrounding properties.

ChemReport
Environmental & Safety Engineers

ATTACHMENT E
Monitoring Well Information

Attachment E Explanations

All monitoring wells will be properly abandoned upon case closure.

ChemReport
Environmental & Safety Engineers

ATTACHMENT F
Source Legal Documents

DOC # 2103041
Recorded
SEP. 25, 2006 AT 05:10PM

James A. Ladwig

JAMES A LADWIG
RACINE COUNTY
REGISTER OF DEEDS
Fee Amount: 011.00
Transfer Fee: 173.00

Rec

Name and Return Address
MIGUEL VEGUILLA
1506 Dr. Martin Luther King Dr
Racine, WI 53404

276-000008207000

Parcel Identification Number (PIN)

Document Number	WARRANTY DEED Document Title

This Deed, made between

RANDY ECHEVERRIA

Grantor,

and MIGUEL VEGUILLA

Grantee,

Witnessoth. That the said Grantor, for a valuable consideration conveys to Grantee the following described real estate in Racine County, State of Wisconsin:

PARCEL B: Parcel 1: That part of the East One-half of the North East One-quarter (1/4) Section Eight (8), Township Three (3) North, Range Twenty-three (23) East, bounded as follow: Begin on the West line of Frederick Street at a point 182.05 feet North of the North line of Hamilton Street; thence West to the East line of the right of way of the Chicago & Northwestern Railroad Company; thence South along said right of way 158.05 feet; thence East to the West line of Frederick Street; thence North 158.05 feet to the place of beginning. Excepting therefrom the South 50 feet of the East 120 feet thereof. Said land being in the City of Racine, County of Racine and State of Wisconsin.

Parcel 2: The North Two Hundred Fifty (250) feet in width of the following: That part of the East One-half (1/2) of the North East One-quarter (1/4) of Section Eight (8), Township Three (3) North, Range Twenty-three (23) East, bounded as follows, to-wit: Begin on the West line of Frederick Street at a point 81.81 rods South of the North line of said Section; run thence West to the East line of right of way of Chicago & Northwestern Railroad Company; thence South along said East line, 24.24 rods; thence East to a point 100 feet West of the West line of Frederick Street; thence North 50 feet; thence East 100 feet to the West line of Frederick Street; thence North along the West line of Frederick Street to the place of beginning. Said land being in the City of Racine, County of Racine and State of Wisconsin.

This is not homestead property.

Together with all and singular the hereditaments and appurtenances thereunto belonging and Grantor warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except municipal and zoning ordinances and agreements entered under them, recorded easements for the distribution of utility and municipal services, recorded building and use restrictions and covenants, general taxes for 2006, and will warrant and defend the same.

Dated this 22ND day of SEPTEMBER, 20 06

RANDY ECHEVERRIA (SEAL) _____ (SEAL)

_____ (SEAL) _____ (SEAL)

AUTHENTICATION

Signature(s)

_____

authenticated this ____ day of _____, 20__

_____

_____

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not,_____
authorized by 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY:
JOHN U. SCHNEIDER - ATTORNEY AT LAW

(Signature may be authenticated or acknowledged. Both are not necessary.)

ATC File Number: 02847

ACKNOWLEDGMENT

STATE OF WISCONSIN)
) ss
RACINE County)

Personally came before me this 22ND day of SEPTEMBER, 2006 the above named

RANDY ECHEVERRIA to me known to be the person who executed the foregoing instrument and acknowledged the same.

Maria L. Rivera

Maria L. Rivera

Notary Public RACINE County, Wis.
My Commission is permanent. (If not, state expiration date: 7/12/2009)

MARIA L. RIVERA
NOTARY PUBLIC
STATE OF WISCONSIN

*Names of persons signing in any capacity should be typed or printed below their signatures.

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
P.O. Box 8044
Madison, WI 53708-8044

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

WISCONSIN
DEPT. OF NATURAL RESOURCES

September 19, 2013

Miguel Veguilla
1506 Dr Martin Luther King Jr Dr
Racine, WI 53404

RE: **Public Bidding Deferred – Cost Cap Approved**

PECFA # 53404-3030-18-A DNR BRRTS # 03-52-203881
Parks Pioneer-Silver Steel, 1214 Frederick St, Racine

The Wisconsin Department of Natural Resources (Department) has reviewed the cost request utilizing the SPS 347, Wisconsin Administrative Code, Usual and Customary Cost Schedule (Cost Schedule) that was submitted by your consultant, ChemReport, on September 6, 2013. The Department **approves** the additional costs as indicated below. This site will be deferred from the public bidding process at this time. The Department will contact you if this site will be bid in the future.

The additional new costs approved below are for four rounds of groundwater samples from the existing monitoring well network, a site survey, and groundwater waste disposal. A copy of the Department's worksheet using the Cost Schedule for this work is enclosed for your reference.

Incurred Costs Under Prior Two Approvals and Included in Recent (6/14/13) Claim Submittal:	**$11,271.70**
Incurred Costs Under Prior Two Approvals - Not Yet Claimed:	**1,763.20**
Approved Costs - Not Yet Completed:	**2,960.30**
Additional Costs Approved (see attached worksheet):	**7,917.60**
Revised Deferment Cost Cap:	**$23,912.80**

Please note the following:

1. Costs paid in the recent claim ($11,478.40) included non-cost cap items ($206.70).
2. Costs indicated in line item #1 above include additional paid Cost Schedule direct push footage over and above that approved ($387.00).
3. Approved/incurred, but not yet claimed costs include well development and drill cuttings waste disposal activities.
4. Approved, but not yet incurred costs include the balance of the investigation reporting, GIS packet, and cap maintenance plan.

In the September 6, 2013 cost request ChemReport requested the balance of the investigation reporting costs; however, investigation reporting costs ($3,172.30) were already approved in my October 22, 2012

bid deferment approval. Likewise, I did not approve new funding for well development, since that had also been provided in the earlier approval. If the investigation ultimately includes contaminated groundwater, additional reporting costs would be warranted under Cost Schedule task SGIR05. Lastly, the Department has modified the request for waste disposal. ChemReport indicates development water is still stored on site. When the first round of groundwater purge water is added to that, it should be disposed. Following the lab results from the well samples, it is likely the amount of subsequent purge water requiring containment will be minimal. If not, ChemReport can request another revision to the Deferment Cost Cap. This would likely also include a request for incremental additional costs for investigation reporting.

Be reminded that annual web reports are required until this case is closed.

Usual and customary costs for activities included in this approval will only be reimbursed at a rate equal to or less than what is allowed on the Cost Schedule, and are reimbursed based upon the Cost Schedule that is in effect at the time the activity is performed. Costs for activities not included in this approval are not reimbursable without prior Department authorization.

Regulatory Correspondence (Task 7, Activity RC05), Claim Submittal (Task 27, Activity CS05) and Standardized Invoice (Task 28, Activity SI05) costs are not included in the cap approved above. These activities will be reimbursed according to the task specifications and with proper supporting documentation submitted with the PECFA claim.

The Department considers the consultant the primary controller of costs during these activities. This approval does not guarantee eligibility of any specific costs that have been incurred or that may be incurred in the future. Final determination regarding the eligibility of costs will be made by the claim reviewer when the entire claim, including all invoices and reports, is submitted for payment.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at 608-264-8766.

Sincerely,

David Swimm, PG
Advanced Hydrogeologist
Remediation & Redevelopment Program

Enclosure: Usual and Customary Cost Schedule Worksheet

cc: Sean Cranley, ChemReport

Usual & Customary Cost Schedule Worksheet #14 (effective July 1, 2013)

PECFA #:	53404-3030-18
Site Name:	Parks Pioneer-Silver Steel
Site Address:	1214 Fredrick St., Racine
Date:	September 19, 2013

Grand Total
$7,917.60

#	Task	Provider	Ref Code	Activity Reference Code Description	Unit	Units	Unit Cost	Total Cost	Notes
1	Groundwater Sampling		GS05	Sample Collection	Well	24	$69.00	$ 1,656.00	
1	Groundwater Sampling		GS25	Primary Mob/Demob	Site	4	$598.20	$ 2,392.80	
4	Waste Disposal	Consultant	WD05	Consultant Coordination	Site	2	$130.60	$ 261.20	
4	Waste Disposal	Commodity	WD10	Groundwater Sample and/or Purge	Drum	3	$40.10	$ 120.30	
4	Waste Disposal	Commodity	WD25	Primary Mob/Demob	Site	2	$274.00	$ 548.00	
10	Initial Site Survey - Features and Well Elevations	Consultant	IS05	Consultant Coordination of Initial Site Survey - Features and Well Elevations	Survey	1	$111.60	$ 111.60	
10	Initial Site Survey - Features and Well Elevations	Commodity	IS15	Initial Survey	Survey	1	$1,115.90	$ 1,115.90	
33	Water Sample	Laboratory	W4	PVOC + Naphthalene	Sample	18	$28.90	$ 520.20	
33	Water Sample	Laboratory	W5	VOC	Sample	6	$68.50	$ 411.00	
33	Water Sample	Laboratory	W6	PAH	Sample	6	$69.50	$ 417.00	
36	Change Order Request		COR05	Change Order Request	Change Order	1	$363.60	$ 363.60	
							Grand Total	$ 7,917.60	

ChemReport®
Environmental & Safety Engineers

September 5, 2013

Mr. David Swimm
Advanced Hydrogeologist
Wisconsin Department of Natural Resources
P.O. Box 8044
Madison, WI 53708-8044

Re: Change Order Request for Parks Pioneer – Silver Steel
1218 Frederick St. Racine, WI
COMM#: 53404-3030-18
BRRTS#: 03-52-203881

Dear Mr. Swimm:

ChemReport, Inc. is hereby resubmitting a Change Order Request for the above-referenced site to include additional tasks as requested in your letter dated August 15, 2013.

Monitoring wells MW-1 through MW-5 were developed on December 5, 2012. However, MW-6 was dry and could not be developed at that time. On June 20, 2013 ChemReport developed MW-6 and had the five drums of soil cuttings removed from the site for proper disposal, thus completing the previously approved scope of work. One drum of well development water remains on site to be disposed with the purge water that will be generated through the proposed well sampling activities. Please note that the well development costs were inadvertently left out of the claim submittal reimbursed in July 2013. Consequently, these costs will be part of the next claim and are included the attached cost estimate. The additional scope of work proposed to move the site toward case closure is discussed below.

ChemReport will conduct an initial round of sampling for the six groundwater monitoring wells on site. One groundwater sample will be collected from each monitoring well to be analyzed for volatile organic compounds (VOCs) and polynuclear aromatic hydrocarbons (PAHs). These results will be tabulated and submitted to your attention via email to facilitate evaluation of additional activities necessary to bring the site to closure.

The attached cost estimate of $11,983.30 prepared using the Petroleum Environmental Cleanup Fund (PECFA) Standardized Invoice Schedule #13 includes costs to conduct three additional rounds, for a total four rounds of sampling at the six wells on site for to be analyzed for petroleum volatile organic compounds (PVOCs) and naphthalene, along with associated purge water disposal. Costs are also included to conduct an initial survey of the monitoring well elevations, if necessary due to the potential presence of groundwater contamination.

If sampling results indicate that the contamination is sufficiently defined and site conditions warrant it, ChemReport will prepare a Site Investigation Report/Closure Request for submittal to the Department. If determined to be present, groundwater contamination may require the preparation of a Soil and Groundwater Investigation Report in conformance with the PECFA Usual & Customary Cost Schedule.

ChemReport®
Environmental & Safety Engineers

Note: $1,000.00 was claimed and paid out in the July 17, 2013 reimbursement for data reduction and analysis as well as development of tables and figures completed to date for the Soil Investigation Report. This is reflected in the cost estimate. All activities will be conducted in accordance with the PECFA Usual & Customary Cost Schedules in place at the time the activities occur.

If you have any questions or need additional information please contact me at (262) 654-7020.

Sincerely,

Sean Cranley, P.G.
Principal Hydrogeologist

Usual & Customary Standardized Invoice

PECFA #: 53404-3030-18

Vendor Name: ChemReport, Inc.

BRRT's #: 03-52-203881

Invoice #: Cost Estimate

Site Name: Parks Pioneer (Silver Steel)

Invoice Date: 9/5/2013

Site Address: 1214 Federick Street

Check #: NA

Personal information you provide may be used for a secondary purposes [Privacy Law, s. 15.04 (1) (m), Stats.].

TASK CODE/ACTIVITY REFERENCE CODE	TASK DESCRIPTIONS/ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAXIMUM REIMBURSEABLE UNIT COST	UNITS INVOICED	UNIT COST CLAIMED	AMOUNT CLAIMED
1	**GROUNDWATER SAMPLING**					
GS05	Sample Collection	WELL	$69.00	24.00	$ 69.00	$ 1,656.00
GS25	Primary Mob/Demob	SITE	$598.20	4.00	$ 598.20	$ 2,392.80
4	**WASTE DISPOSAL**					
	CONSULTANT SERVICES					
WD05	Consultant Coordination	SITE	$130.60	4.00	$ 130.60	$ 522.40
	COMMODITY SERVICES					
WD10	Groundwater Sample and/or Purge	DRUM	$40.10	9.00	$ 40.10	$ 360.90
WD25	Primary Mob/Demob	SITE	$274.00	4.00	$ 274.00	$ 1,096.00
10	**INITIAL SITE SURVEY - FEATURES AND WELL ELEVATIONS**					
	CONSULTANT SERVICES					
IS05	Consultant Coordination of Initial Site Survey - Features and Well Elevations	SURVEY	$111.60	1.00	$ 111.60	$ 111.60
IS10	Subsequent Surveys	WELL	$104.90		$ -	$ -
	COMMODITY SERVICES					
IS15	Initial Survey	SURVEY	$1,115.90	1.00	$ 1,115.90	$ 1,115.90
14	**MONITORING WELL INSTALLATION**					
MWI20	Well Development	WELL	$140.60	6.00	$ 140.60	$ 843.60
22	**SOIL INVESTIGATION REPORT**					
SIR05	Soil Investigation Report	REPORT	$3,172.30	[illegible]	$ 2,172.30	$ 2,172.30
33	**SCHEDULE OF LABORATORY MAXIMUMS**	SEE ATTACHED SCHEDULE				$ 1,348.20
36	**CHANGE ORDER REQUEST (includes cost cap exceedence requests)**					
COR05	Change Order Request	CHANGE ORDER	$363.60	1.00	$ 363.60	$ 363.60
					TOTAL AMOUNT CLAIMED	$ 11,983.30

Effective Schedule Date: January 2013 to
June 2013--Schedule #13

MATRIX	ANALYTE REFERENCE CODE	REIMBURSABLE ANALYTE	UNITS	MAXIMUM REIMBURSABLE UNIT COST	UNITS INVOICED	UNIT COST CLAIMED	AMOUNT CLAIMED TASK 33	AMOUNT CLAIMED TASK 24
WATER	W1	GRO/PVOC	SAMPLE	$27.80		$ -	$ -	
	W2	PVOC	SAMPLE	$25.70			$ -	
	W3	PVOC + 1,2 DCA	SAMPLE	$41.70		$ -	$ -	
	W4	PVOC + Naphthalene	SAMPLE	$28.90	18	$ 28.90	$ 520.20	
	W5	VOC	SAMPLE	$68.50	6	$ 68.50	$ 411.00	
	W6	PAH	SAMPLE	$69.50	6	$ 69.50	$ 417.00	
	W7	Lead	SAMPLE	$11.80		$ -	$ -	
	W8	Cadmium	SAMPLE	$12.90		$ -	$ -	
	W9	Hardness	SAMPLE	$11.80		$ -	$ -	
	W10	BOD, Total	SAMPLE	$22.50		$ -	$ -	
	W11	Nitrate	SAMPLE	$10.70		$ -	$ -	
	W12	Total Kjeldahl	SAMPLE	$19.30		$ -	$ -	
			TASK 33 TOTAL		$ 1,348.20			
				TASK 24 TOTAL		$ -		
					TOTAL LAB CHARGES		$ 1,348.20	

10804 (R. 12/12)

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
P.O. Box 8044
Madison, WI 53708-8044

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

August 15, 2013

Miguel Veguilla
1506 Dr Martin Luther King Jr Dr
Racine, WI 53404

RE: **Request for Revised Costs**

PECFA # 53404-3030-18-A DNR BRRTS # 03-52-203881
Parks Pioneer-Silver Steel, 1214 Frederick St, Racine

The Wisconsin Department of Natural Resources (Department) has reviewed the cost estimate utilizing the SPS 347, Wisconsin Administrative Code, Usual and Customary Cost Schedule (Cost Schedule), which was submitted by your consultant, ChemReport, via email on July 31, 2013.

The Department would like ChemReport to submit a revised cost request that reflects the following:

1. The Department, now that it is the regulatory agency for the site, is requiring a budget for four rounds of groundwater sampling. For the first round, costs should be provided for VOC and PAH analyses. For the three remaining rounds, provide costs for PVOC + naphthalene analyses.
2. Update waste disposal costs appropriately.
3. Reporting costs are OK as presented, but may change depending on groundwater results.
4. If groundwater contamination is detected, groundwater flow maps will be required as part of the Site Investigation Report. Consequently, include costs for surveying the wells to determine elevations. The Department, now that it is the regulatory agency for the site, will require USGS datum-related elevations, so ChemReport may want to determine from City of Racine records the nearest datum benchmark values (i.e., from road projects or hydrant elevations).

Please have ChemReport provide (email) the results of the first round of groundwater sampling on a summary table. The table will be part of the Site Investigation Report, regardless, and from the first round results, some modifications to the budget may be possible.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at 608-264-8766.

Sincerely,

David Swimm, PG
Advanced Hydrogeologist
Remediation and Redevelopment Program

cc: ChemReport, Sean Cranley

ChemReport®
Environmental & Safety Engineers

July 31, 2013 — email reciept date.

Mr. David Swimm
Advanced Hydrogeologist
Wisconsin Department of Natural Resources
P.O. Box 8044
Madison, WI 53708-8044

Re: Change Order Request for Parks Pioneer – Silver Steel
1218 Frederick St. Racine, WI
COMM#: 53404-3030-18
BRRTS#: 03-52-203881

Dear Mr. Swimm:

ChemReport, Inc. is hereby submitting a Change Order Request for the above-referenced site. In November 2012 ChemReport advanced six soil borings and installed six groundwater monitoring wells on site. The soil boring/monitoring well locations are illustrated on Figure 1, attached. Four soil samples were collected and analyzed. The analytical results are summarized on Table 1, attached.

Monitoring wells MW-1 through MW-5 were developed on December 5, 2012. However, MW-6 was dry and could not be developed at that time. On June 20, 2013 ChemReport developed MW-6 and had the five drums of soil cuttings removed from the site for proper disposal, thus completing the previously approved scope of work. One drum of well development water remains on site to be disposed with the purge water that will be generated through the proposed well sampling activities. The additional scope of work proposed to move the site toward case closure is discussed below.

ChemReport will purge and sample the six groundwater monitoring wells on site. One groundwater sample will be collected from each monitoring well to be analyzed for petroleum volatile organic compounds (PVOCs) and polynuclear aromatic hydrocarbons (PAHs).

If the sampling results indicate that the contamination is sufficiently defined and site conditions warrant it, ChemReport will prepare a Site Investigation Report/Closure Request for submittal to the Department.

The costs to date for this site are $11,478.40 as reflected in the July 17, 2013 PECFA reimbursement. The proposed costs of $4,604.10 are detailed on the attached Cost Estimate, prepared using the Petroleum Environmental Cleanup Fund (PECFA) Standardized Invoice Schedule #13. Note: $1,000.00 was claimed and paid out in the July 17, 2013 reimbursement for data reduction and analysis as well as development of tables and figures completed to date for the Soil Investigation Report. This is reflected in the cost estimate. All activities will be conducted in accordance with the PECFA Usual & Customary Cost Schedules in place at the time the activities occur.

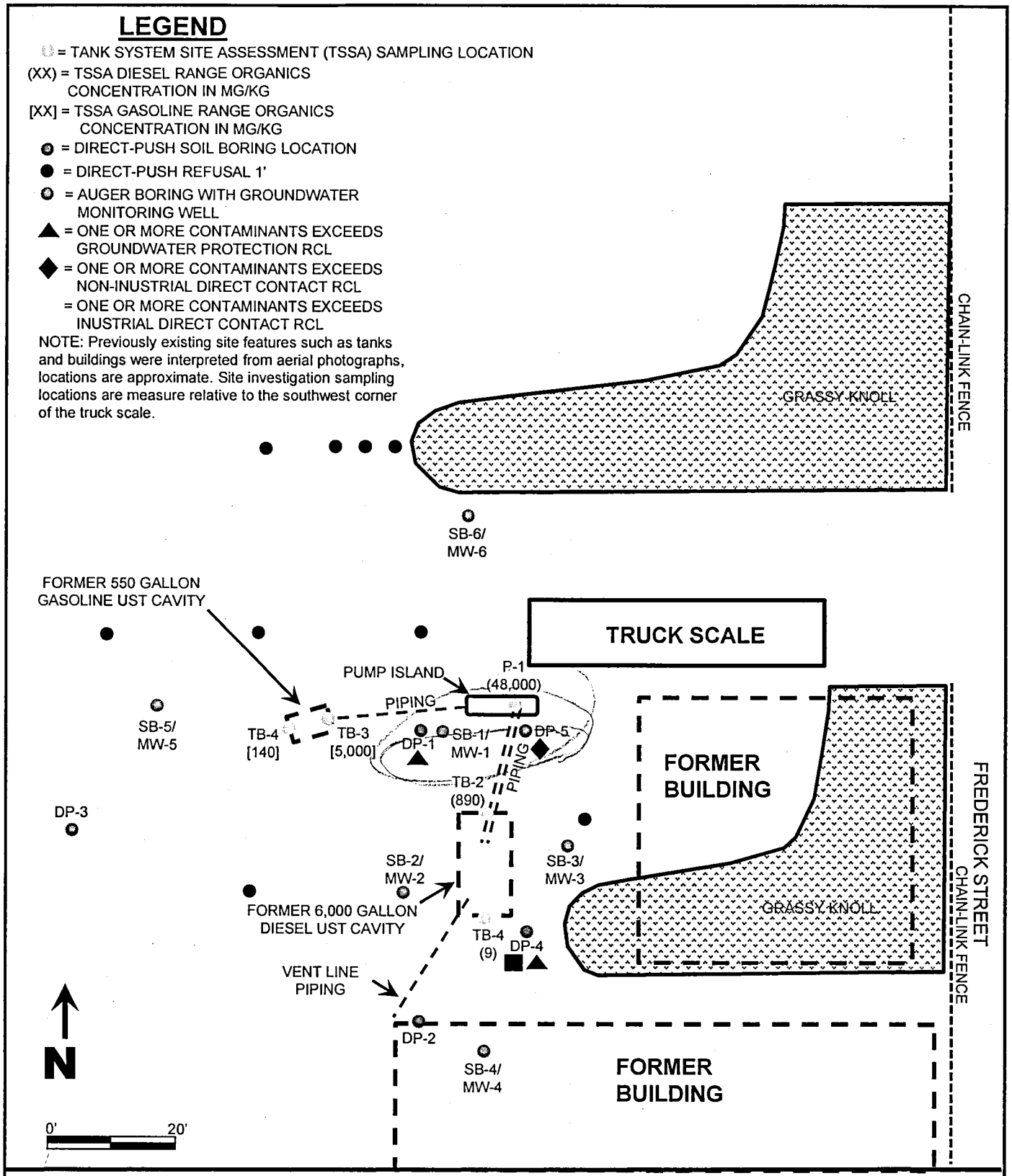
If you have any questions or need additional information please contact me at (262) 654-7020.

Sincerely,

Sean Cranley, P.G.
Principal Hydrogeologist

World Wide Web
www.chemreport.com

Kenosha Office
4515 Washington Road
Kenosha, Wisconsin 53144
Phone: (262) 654-7020
Fax: (262) 654-7025



Approved By: Sean Cranley	Figure: 1
Date Approved: 12/5/12	
Date Drawn: 12/5/12	1 of 1
Drawn By: Sean Cranley	

FIGURE 1

SITE SAMPLING LOCATIONS
PARKS PIONEER – SILVER STEELET
1218 FREDERICK STREET
RACINE, WI

ChemReport
Environmental & Safety Engineers
4515 Washington Road
Kenosha, WI 53144
800-965-5323
engineer@chemreport.com

TABLE 1 (Page 1 of 2)
Soil Sample Analytical Results Summary
Parks Pioneer (Silver Steel)
July 2012

Sample I.D.	DP-1 (4'-6')	DP-1 (10'- 12')	DP-2 (6'-8')	DP-3 (7'-8')	DP-4 (8'-9')	DP-4 (11'-12')	Groundwater	Soil Standards NR 720 RCLs Non-Industrial	Industrial
	Soil Sample I.D.								
Parameter									
VOCs (ug/kg)							ug/kg	ug/kg	ug/kg
1,2,4-Trymethylbenzene	**1,320**	<25.0	<25.0	<25.0	**124**	<25.0	NS	NS	NS
1,3,5-Tymethylbenzene	**708**	<25.0	<25.0	<25.0	**106**	<25.0	NS	NS	NS
Ethylbenzene	**1,690**	<25.0	<25.0	<25.0	**J 67.2**	<25.0	2,900	NS	NS
Isopropylbenzene	**657**	NA	NA	NA	**178**	NA	NS	NS	NS
Naphthalene	**3,050 ▲**	NA	NA	NA	**414 ▲**	NA	400	20,000	110,000
Toluene	<100	<25.0	<25.0	<25.0	**88.7**	<25.0	1,500	NS	NS
Xylenes	**2,050**	<50.0	<50.0	<50.0	**J 195.6**	<50.0	4,100	NS	NS
n-Butylbenzene	**551**	NA	NA	NA	<40.4	NA	NS	NS	NS
n-Propylbenzene	**1,070**	NA	NA	NA	**173**	NA	NS	NS	NS
p-Isopropylbenzene	<100	NA	NA	NA	**J 48.3**	NA	NS	NS	NS
sec-Butylbenzene	**J 269**	NA	NA	NA	**473**	NA	NS	NS	NS
Benzene	<100	<25	<25	<25	<25	<25			
PAHs (ug/kg)							ug/kg	ug/kg	ug/kg
Acenaphthene	<9.9	<9.4	<9.6	7	**156**	NA	38,000	900,000	60,000,000
Acenaphthylene	<9.9	<9.4	<9.6	<9.7	**73.8**	NA	700	18,000	360,000
Anthracene	<2.0	<1.9	**J 4.2**	**J 5.2**	**215**	NA	3,000,000	5,000,000	300,000,000
Benzo (a) anthracene	<9.9	<9.4	**25.8**	**J 9.9**	**384 ◆**	NA	17,000	88	3,900
Benzo (a) Pyrene	<9.9	<9.4	**29.1**	<9.7	**415 ■**	NA	48,000	8.8	390
Benzo (b) fluoranthene	<2.8	<2.7	**29.8**	**J 6.4**	**610 ◆**	NA	360,000	88	3,900
Benzo (g,h,i) perylene	<9.9	<9.4	**J 17.5**	<9.7	**294**	NA	6,800,000	1,800	39,000
Benzo (k) fluoranthene	<9.9	<9.4	**28.3**	**J 9.9**	**282**	NA	870,000	880	39,000
Chrysene	<2.2	**J 2.4**	**34.3**	**J 11.7**	**482**	NA	37,000	8,800	390,000
Dibenz (a,h) anthracene	<9.9	<9.4	<9.6	<9.7	**99.3 ◆**	NA	38,000	8.8	390
Fluoranthene	<9.9	<9.4	**39.2**	23.3	**813**	NA	500,000	600,000	40,000,000
Fluorene	<9.9	<9.4	<9.6	<9.7	**230**	NA	100,000	600,000	40,000,000
Indeno (1,2,3-cd) pyrene	<9.9	<9.4	**J 15.8**	<9.7	**273 ◆**	NA	680,000,000	88	3,900
1-Methylnaphthalene	**65.6**	<8.5	<8.7	<8.9	**252**	NA	23,000	1,100,000	70,000,000
2-Methylnaphthalene	**80.3**	<1.8	<1.8	<1.8	**351**	NA	20,000	600,000	40,000,000
Naphthalene	468	<3.5	<3.6	<3.7	**268**	NA	400	20,000	110,000
Phenanthrene	**<2.5**	<2.4	**J 14.2**	**J 17.9**	**767**	NA	1,800	18,000	390,000
Pyrene	<9.9	<9.4	**30.6**	**J 16.1**	**646**	NA	8,700,000	500,000	30,000,000
Lead (mg/kg)							mg/kg	mg/kg	mg/kg
Lead	**8.4**	NA	NA	NA	**427 ◆**	NA	NS	50	500

Notes:
Table includes detected analytes only.
Soil sample ID indicates depth of sample, e.g. sample DP-1 (4'-6') was collected from soil boring location DP-1 from the depth interval between 4 and 6 feet below land surface.

■ Indicates concentration exceeds industrial direct contact RCL.
◆ Indicates concentration exceeds non-industrial direct contact RCL.
▲ Indicates concentration exceeds groundwater protection RCL.
J = Concentration is between laboratory limit of detection and limit of quantification.
Bold typed results indicate that the analyte was present at a concentration equal to or greater than the laboratory detection limit.
RCL = Residual Contaminant Level
VOCs = Volatile Organic Compounds
PVOCs = Petroleum Volatile Organic Compounds
PAHs - Polynuclear Aromatic Hydrocarbons
NS = No Standard
NA = Not Analyzed

TABLE 1 (Page 2 of 2)
Soil Sample Analytical Results Summary
Parks Pioneer (Silver Steel)
July & December 2012

Sample I.D.	DP-5 (3'-4')	DP-5 (7'- 8')	SB-3 (12'-14')	SB-4 (9-11')	SB-5 (8'-10')	SB-6 (10'-12')	Groundwater	Soil Standards NR 720 RCLs Non-Industrial	Industrial
	Soil Sample I.D.								
Parameter									
VOCs (ug/kg)							ug/kg	ug/kg	ug/kg
1,2,4-Trymethylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NS	NS	NS
1,3,5-Tymethylbenzene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	NS	NS	NS
Ethylbenzene	**J 40.4**	<25.0	<25.0	<25.0	<25.0	<25.0	2,900	NS	NS
Isopropylbenzene	**J 45.3**	NA	NA	NA	NA	NA	NS	NS	NS
Naphthalene	**J 30.3**	NA	NA	NA	NA	NA	400	20,000	110,000
Toluene	<25.0	<25.0	<25.0	<25.0	<25.0	<25.0	1,500	NS	NS
Xylenes	<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	4,100	NS	NS
n-Butylbenzene	<40.4	NA	NA	NA	NA	NA	NS	NS	NS
n-Propylbenzene	**J 35.2**	NA	NA	NA	NA	NA	NS	NS	NS
p-Isopropylbenzene	<25.0	NA	NA	NA	NA	NA	NS	NS	NS
sec-Butylbenzene	**98.6**	NA	NA	NA	NA	NA	NS	NS	NS
benzene	<25	<25							
PAHs (ug/kg)							ug/kg	ug/kg	ug/kg
Acenaphthene	**J 15.4**	NA	<9.5	<9.7	<9.6	<9.6	38,000	900,000	60,000,000
Acenaphthylene	**J 20.0**	NA	<9.5	<9.7	<9.6	<9.6	700	18,000	360,000
Anthracene	**46.1**	NA	<2.0	<2.0	<2.0	<2.0	3,000,000	5,000,000	300,000,000
Benzo (a) anthracene	**161** ◆	NA	<9.5	<9.7	<9.6	<9.6	17,000	88	3,900
Benzo (a) Pyrene	**190** ◆	NA	<9.5	<9.7	<9.6	<9.6	48,000	9	390
Benzo (b) fluoranthene	**248** ◆	NA	<2.8	<9.7	<2.8	**J 9.5**	360,000	88	3,900
Benzo (g,h,i) perylene	**176**	NA	<9.5	<9.7	<9.6	<9.6	6,800,000	1,800	39,000
Benzo (k) fluoranthene	**183**	NA	<9.5	<9.7	<9.6	<9.6	870,000	880	39,000
Chrysene	**271**	NA	**J 5.8**	**J 3.6**	<2.2	**J 16.2**	37,000	8,800	390,000
Dibenz (a,h) anthracene	**55.5** ◆	NA	<9.5	<9.7	<9.6	<9.6	38,000	8.8	390
Fluoranthene	**386**	NA	<9.5	<9.7	<9.6	**J 14.0**	500,000	600,000	40,000,000
Fluorene	**J 13.4**	NA	<9.5	<9.7	<9.6	<9.6	100,000	600,000	40,000,000
Indeno (1,2,3-cd) pyrene	**146** ◆	NA	<9.5	<9.7	<9.6	<9.6	680,000,000	88	3,900
1-Methylnaphthalene	**J 15.0**	NA	<8.7	<8.8	<8.8	<8.8	23,000	1,100,000	70,000,000
2-Methylnaphthalene	**21.6**	NA	**J 2.2**	<1.8	<1.8	<1.8	20,000	600,000	40,000,000
Naphthalene	**30.4**	NA	<3.6	<3.6	<3.6	<3.6	400	20,000	110,000
Phenanthrene	**125**	NA	**J 3.4**	<2.5	<2.5	**J 5.8**	1,800	18,000	390,000
Pyrene	**296**	NA	<9.5	<9.7	<9.6	**J 13.1**	8,700,000	500,000	30,000,000
Lead							mg/kg	mg/kg	mg/kg
Lead	**94.9** ◆	NA	**8.2**	**8.6**	**7.6**	**6.8**	NS	50	500

Notes:
Table includes detected analytes only.

Soil sample ID indicates depth of sample, e.g. sample DP-1 (4'-6') was collected from soil boring location DP-1 from the depth interval between 4 and 6 feet below land surface.

■ Indicates concentration exceeds industrial direct contact RCL.
◆ Indicates concentration exceeds non-industrial direct contact RCL.
▲ Indicates concentration exceeds groundwater protection RCL.
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PAHs - Polynuclear Aromatic Hydrocarbons
NS = No Standard
NA = Not Analyzed

Effective Schedule Date: January 2013 to June 2013--Schedule #13

Usual & Customary Standardized Invoice

PECFA #: 53404-3030-18

Vendor Name: ChemReport, Inc.

BRRT's #: 03-52-203881

Invoice #: Cost Estimate

Site Name: Parks Pioneer (Silver Steel)

Invoice Date: 7/31/2013

Site Address: 1214 Federick Street

Check #: NA

Personal information you provide may be used for a secondary purposes [Privacy Law, s. 15.04 (1) (m), Stats.].

TASK CODE/ACTIVITY REFERENCE CODE	TASK DESCRIPTIONS/ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAXIMUM REIMBURSEABLE UNIT COST	UNITS INVOICED	UNIT COST CLAIMED	AMOUNT CLAIMED
1	GROUNDWATER SAMPLING					
GS05	Sample Collection	WELL	$69.00	6.00	$ 69.00	$ 414.00
GS25	Primary Mob/Demob	SITE	$598.20	1.00	$ 598.20	$ 598.20
GS30	Temp Well Abandonment	WELL	$25.70		$ -	$ -
4	WASTE DISPOSAL					
	CONSULTANT SERVICES					
WD05	Consultant Coordination	SITE	$130.60	1.00	$ 130.60	$ 130.60
	COMMODITY SERVICES					
WD10	Groundwater Sample and/or Purge	DRUM	$40.10	2.00	$ 40.10	$ 80.20
WD15	Drill Cuttings	DRUM	$103.00		$ -	$ -
WD17	Landfill Environmental Fee (support documentation must be provided)	ACTUAL COST	ACTUAL COST			
WD20	Free Product	DRUM	$113.10		$ -	$ -
WD25	Primary Mob/Demob	SITE	$274.00	1.00	$ 274.00	$ 274.00
22	SOIL INVESTIGATION REPORT					
SIR05	Soil Investigation Report	REPORT	$3,172.30		$ 2,172.30	$ 2,172.30
23	SOIL AND GROUNDWATER INVESTIGATION REPORT					
SGIR05	*Soil and Groundwater Investigation Report*	REPORT	$4,728.90			
33	SCHEDULE OF LABORATORY MAXIMUMS	SEE ATTACHED SCHEDULE				$ 571.20
36	CHANGE ORDER REQUEST (Includes cost cap exceedence requests)					
COR05	Change Order Request	CHANGE ORDER	$363.60	1.00	$ 363.60	$ 363.60
					TOTAL AMOUNT CLAIMED	$ 4,604.10

Effective Schedule Date: January 2013 to
June 2013--Schedule #13

MATRIX	ANALYTE REFERENCE CODE	REIMBURSABLE ANALYTE	UNITS	MAXIMUM REIMBURSABLE UNIT COST	UNITS INVOICED	UNIT COST CLAIMED	AMOUNT CLAIMED TASK 33	AMOUNT CLAIMED TASK 24
WATER	W1	GRO/PVOC	SAMPLE	$27.80		$ -	$ -	
	W2	PVOC	SAMPLE	$25.70	6	$ 25.70	$ 154.20	
	W3	PVOC + 1,2 DCA	SAMPLE	$41.70		$ -	$ -	
	W4	PVOC + Naphthalene	SAMPLE	$28.90		$ -	$ -	
	W5	VOC	SAMPLE	$68.50		$ -	$ -	
	W6	PAH	SAMPLE	$69.50	6	$ 69.50	$ 417.00	
	W7	Lead	SAMPLE	$11.80		$ -	$ -	
	W8	Cadmium	SAMPLE	$12.90		$ -	$ -	
	W9	Hardness	SAMPLE	$11.80		$ -	$ -	
	W10	BOD, Total	SAMPLE	$22.50		$ -	$ -	
	W11	Nitrate	SAMPLE	$10.70		$ -	$ -	
	W12	Total Kjeldahl	SAMPLE	$19.30		$ -	$ -	
			TASK 33 TOTAL		$ 571.20			
				TASK 24 TOTAL		$ -		
					TOTAL LAB CHARGES		$ 571.20	

10804 (R. 12/12)

Swimm, David E - DSPS

From: sean Cranley [seanCranley@chemreport.com]
Sent: Wednesday, June 05, 2013 10:45 AM
To: Swimm, David E - DSPS
Subject: Parks Pioneer (Silver Steel)

53404-303078

David,

As we discussed today, late last December I scheduled with our waste disposal contractor to pick up the drums of soil cuttings at the above-referenced site. I coordinated with Miguel Veguilla, the Responsible Party, to meet me there and unlock the gate so that the drums could be picked up and so that I could develop a monitoring well which had previously been dry. These activities would have completed the scope of work and allowed the development of a scope of work and budget for the phase, groundwater sampling. However, after waiting some time at the site, I called Mr. Veguilla and he had forgotten about the appointment and was in Milwaukee. I then made the same arrangements again in mid-January, when the Waste contractor was making another milk run to Racine. Again I waited at the site for a period of time before calling Mr. VEguilla, and being unable to reach him, I left him a voice mail message, called off the waste contractor and departed from the site. When Miguel called back later he told me had given the key to someone to give to me, which was an arrangement he did not tell me about in advance. In any event, I saw no one at the site and no one approached me to give me a key. Being frustrated with this pattern and the substantial amount of time otherwise expended with Mr. Veguilla to get this project started and keep it on track, I decided at that time to suspend work and direct my efforts toward more productive enterprises.

Thank you,

Sean

ChemReport

Sean Cranley, PG
Principal Hydrogeologist
ChemReport, Incorporated
4515 Washington Road
Kenosha, WI 53144
P (262) 654-7020 ext 13
C (262) 237-4351
F (262) 654-7025

emailed 6/11 asking about status of signature/claim and waste recov.

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STATE OF WISCONSIN
Department of Safety and Professional Services

P.O. Box 8044
Madison, Wisconsin 53708-8044

Email: dsps@wisconsin.gov
Web: http://dsps.wi.gov

Governor Scott Walker **Secretary Dave Ross**

October 22, 2012

Miguel Veguilla
1506 Dr Martin Luther King Jr Dr
Racine, WI 53404

RE: **Public Bidding Deferred – Cost Cap Approved**

PECFA # 53404-3030-18-A DNR BRRTS # 03-52-203881
Parks Pioneer-Silver Steel, 1214 Frederick St, Racine

The Wisconsin Department of Safety and Professional Services (DSPS) has reviewed the scope of work and cost estimate utilizing the SPS 347, Wisconsin Administrative Code, Usual and Customary Cost Schedule (Cost Schedule) that was submitted by your consultant, ChemReport Environmental & Safety Engineers (ChemReport), on October 3, 2012. A revised cost request was provided by ChemReport in email dated October 19, 2012.

DSPS **approves** the additional costs as indicated below. This site will be deferred from the public bidding process at this time. DSPS will contact you if this site will be bid in the future.

Work being approved is to advance soil borings using a drilling rig. This is necessary since a direct push probe was not able to penetrate at many locations under the prior cost approval. An attempt will be made to sample groundwater from the borings. If groundwater monitoring wells are determined to be necessary, costs for their installation and development are included in the approved costs below. In addition, a report cost and a number of closure-related costs have been included in this approval in the event this is determined to be the final phase of field work for this project. A copy of the DSPS worksheet for the Cost Schedule tasks is enclosed for your reference.

Incurred Costs Under Prior (5/8/12) Approval	**$ 3,046.90**
Additional Deferment Costs Approved:	**16,105.80**
Revised Deferment Cost Cap:	**$19,152.70**

Be reminded that annual web reports are required until this case is closed.

Usual and customary costs for activities included in this approval will only be reimbursed at a rate equal to or less than what is allowed on the Cost Schedule, and are reimbursed based upon the Cost Schedule that is in effect at the time the activity is performed. Costs for activities not included in this approval are not reimbursable without prior DSPS authorization.

Regulatory Correspondence (Task 7, Activity RC05), Claim Submittal (Task 27, Activity CS05) and Standardized Invoice (Task 28, Activity SI05) costs are not included in the cap approved above. These activities will be reimbursed according to the task specifications and with submittal of proper supporting documentation at claim review time.

DSPS approves a variance from the Cost Schedule for Direct Push groundwater sampling (DP20). Drilled borings (not direct push) will be sampled. This is not a variance from the Schedule relative to costs, so include these costs on the standardized invoice (as it was on the cost request).

DSPS considers the consultant the primary controller of costs during these activities. This approval does not guarantee eligibility of any specific costs that have been incurred or that may be incurred in the future. Final determination regarding the eligibility of costs will be made by the claim reviewer when the entire claim, including all invoices and reports, is submitted for payment.

Note: If you have not submitted a reimbursement claim in the past 12 months, DSPS encourages you to do so at this time. In the future, we may review your claim submittal history and require a claim. Failure to submit a claim at that time would result in denial of reimbursement for corresponding interest costs. If you need a claim packet or would like assistance with filing your claim, please contact Renee' Dickey at (608) 264-8765.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (608) 264-8766.

Sincerely,

David Swimm, PG
Advanced Hydrogeologist, PECFA Site Review Section

Enclosure: U&C Cost Schedule Worksheet

cc: Sean Cranley, ChemReport

Usual & Customary Cost Schedule Worksheet #11 (effective January 1, 2012)

PECFA #:	53404-3030-18
Site Name:	Former Parks Pioneer -Silver Steel
Site Address:	1218 Fredrick St., Racine
Date:	October 22, 2012

Grand Total $16,105.80

#	Task	Provider	Ref Code	Activity Reference Code Description	Unit	Units	Unit Cost	Total Cost	Notes
4	Waste Disposal	Consultant	WD05	Consultant Coordination	Site	1	$130.60	$ 130.60	
4	Waste Disposal	Commodity	WD15	Drill Cuttings	Drum	8	$103.00	$ 824.00	
4	Waste Disposal	Commodity	WD25	Primary Mob/Demob	Site	1	$274.00	$ 274.00	
5	Closure Request		CR15	GIS Packet Submittal (For Source Property only)	Packet	1	$483.20	$ 483.20	
12	Direct Push	Consultant	DP20	Groundwater Sample Collection (to be used in conjunction with activity DP05 or DP10)	Each	6	$34.30	$ 205.80	Variance Appr for use with drilled borings
13.a	Consultant Oversight Drilling in Unconsolidated Soils - With Soil Sampling	Consultant	DR05	For depth interval 0 - 25 ft bgs	ft	120	$5.10	$ 612.00	
13.a	Consultant Oversight Drilling in Unconsolidated Soils - With Soil Sampling	Consultant	DR20	Primary Mob/Demob	Site	1	$564.80	$ 564.80	
13.d	Drilling in Unconsolidated Soils - With Soil Sampling	Commodity	DR45	0 - 25 ft bgs	ft	120	$15.90	$ 1,908.00	
14	Monitoring Well Installation - Consultant Oversight	Consultant	MWI05	0 - 25 ft bgs	ft	120	$3.70	$ 444.00	
14	Monitoring Well Installation	Commodity	MWI15	2 inch PVC Casing	ft	120	$15.90	$ 1,908.00	
14	Monitoring Well Installation	Commodity	MWI20	Well Development	Well	6	$140.60	$ 843.60	
15	Miscellaneous Drilling Activities and Supplies		MDT05	Drill Rig Mob/Demob (includes decontamination)	Mob/Demob	1	$917.50	$ 917.50	
15	Miscellaneous Drilling Activities and Supplies		MDT10	Well Cover/flushmount	Each	6	$193.00	$ 1,158.00	
15	Miscellaneous Drilling Activities and Supplies		MDT21	Drum 55 gallon DOT steel	Drum	8	$52.50	$ 420.00	
15	Miscellaneous Drilling Activities and Supplies		MDT35	Borehole Abandonment	ft	120	$5.20	$ 624.00	
15	Miscellaneous Drilling Activities and Supplies		MDT40	Concrete Penetration	Each	2	$69.40	$ 138.80	
22	Soil Investigation Report		SIR05	Soil Investigation Report	Report	1	$3,172.30	$ 3,172.30	
33	Water Sample	Laboratory	W4	PVOC + Naphthalene	Sample	6	$28.90	$ 173.40	
33	Soil Sample	Laboratory	S4	PVOC	Sample	6	$24.60	$ 147.60	
33	Soil Sample	Laboratory	S9	PAH	Sample	6	$69.50	$ 417.00	
33	Soil Sample	Laboratory	S10	Lead	Sample	6	$11.80	$ 70.80	
35	Cap Maintenance Plan		CMP05	Cap Maintenance Plan	Plan	1	$304.80	$ 304.80	
36	Change Order Request		COR05	Change Order Request	Change Order	1	$363.60	$ 363.60	
							Grand Total	$ 16,105.80	

ChemReport
Environmental & Safety Engineers

October 3, 2012

Mr. David Swimm
Advanced Hydrogeologist
Wisconsin Department of Safety & Professional Services
P.O. Box 8044
Madison, WI 53708-8044

Re: Change Order Request for Parks Pioneer – Silver Steel
1218 Frederick St. Racine, WI
COMM#: 53404-3030-18
BRRTS#: 03-52-203881

Dear Mr. Swimm:

Per our correspondence, ChemReport, Inc. is hereby submitting a Change Order Request for the above-referenced site. In July 2012 ChemReport advanced five direct push soil borings onsite in the vicinity of the former underground storage tank system. The soil boring locations are illustrated on Figure 1, attached. Eight soil samples were collected and analyzed. The analytical results are summarized on Table 1, attached.

Due to repeated refusals encountered during the direct-push soil boring activities, ChemReport is proposing to advance six hollow-stem auger soil borings to estimated depths of 15 feet below land surface in order to complete definition of the extent of soil contamination at the site. A total of 120 feet of hollow-stem auger drilling has been included in the budget to facilitate flexibility based on field observations.

In addition, attempts will be made to collect groundwater samples directly from the boreholes in an effort to characterize groundwater contamination at the site while avoiding the installation of groundwater monitoring wells. However, should it be determined in the field that monitoring wells will be required, up to eight wells will be installed to estimated depths of 15 feet below land surface. The proposed primary soil boring and groundwater sampling locations are illustrated on Figure 1.

One soil sample will be collected from each soil boring to be analyzed for petroleum volatile organic compounds (PVOCs), polynuclear aromatic hydrocarbons (PAHs) and lead. One groundwater sample will be collected from each borehole, where possible and analyzed for PVOCs and naphthalene.

If the sampling results indicate that the contamination is sufficiently defined and site conditions warrant it, ChemReport will prepare a Site Investigation Report/Closure Request for submittal to the Department.

The costs to date for this site are $3,444.10 as reflected on invoice numbers 80212 and 100112, attached. The proposed costs are also provided in the Change Order Request Cost Estimate, attached.

World Wide Web
www.chemreport.com

Kenosha Office
4515 Washington Road
Kenosha, Wisconsin 53144
Phone: (262) 654-7020
Fax: (262) 654-7025

ChemReport®
Environmental & Safety Engineers

All activities will be conducted in accordance with the Petroleum Environmental Cleanup Fund (PECFA) Usual & Customary Cost Schedules in place at the time the activities occur.

If you have any questions or need additional information please contact me at (262) 654-7020.

Sincerely,

Sean Cranley, P.G.
Principal Hydrogeologist

TABLE 1 (Page 1 of 2)
Soil Sample Analytical Results Summary
Parks Pioneer (Silver Steel)
July 2012

Sample I.D.	Soil Sample I.D. DP-1 (4'-6')	DP-1 (10'- 12')	DP-2 (6'-8')	DP-3 (7'-8')	DP-4 (8'-9')	DP-4 (11'-12')	Soil Standards NR 720 RCLs Groundwater	Non-Industrial	Industrial
Parameter									
VOCs (ug/kg)							ug/kg	ug/kg	ug/kg
1,2,4-Trymethylbenzene	**1,320**	<25.0	<25.0	<25.0	**124**	<25.0	NS	NS	NS
1,3,5-Tymethylbenzene	**708**	<25.0	<25.0	<25.0	**106**	<25.0	NS	NS	NS
Ethylbenzene	**1,690**	<25.0	<25.0	<25.0	**J 67.2**	<25.0	2,900	NS	NS
Isopropylbenzene	**657**	NA	NA	NA	**178**	NA	NS	NS	NS
Naphthalene	**3,050 ▲**	NA	NA	NA	**414 ▲**	NA	400	20,000	110,000
Toluene	<100	<25.0	<25.0	<25.0	**88.7**	<25.0	1,500	NS	NS
Xylenes	**2,050**	<50.0	<50.0	<50.0	**J 195.6**	<50.0	4,100	NS	NS
n-Butylbenzene	**551**	NA	NA	NA	<40.4	NA	NS	NS	NS
n-Propylbenzene	**1,070**	NA	NA	NA	**173**	NA	NS	NS	NS
p-Isopropylbenzene	<100	NA	NA	NA	**J 48.3**	NA	NS	NS	NS
sec-Butylbenzene	**J 269**	NA	NA	NA	**473**	NA	NS	NS	NS
PAHs (ug/kg)							ug/kg	ug/kg	ug/kg
Acenaphthene	<9.9	<9.4	<9.6	7	**156**	NA	38,000	900,000	60,000,000
Acenaphthylene	<9.9	<9.4	<9.6	<9.7	**73.8**	NA	700	18,000	360,000
Anthracene	<2.0	<1.9	**J 4.2**	**J 5.2**	**215**	NA	3,000,000	5,000,000	300,000,000
Benzo (a) anthracene	<9.9	<9.4	**25.8**	**J 9.9**	**384 ◆**	NA	17,000	88	3,900
Benzo (a) Pyrene	<9.9	<9.4	**29.1**	<9.7	**415 ■**	NA	48,000	8.8	390
Benzo (b) fluoranthene	<2.8	<2.7	**29.8**	**J 6.4**	**610 ◆**	NA	360,000	88	3,900
Benzo (g,h,i) perylene	<9.9	<9.4	**J 17.5**	<9.7	**294**	NA	6,800,000	1,800	39,000
Benzo (k) fluoranthene	<9.9	<9.4	**28.3**	**J 9.9**	**282**	NA	870,000	880	39,000
Chrysene	<2.2	**J 2.4**	**34.3**	**J 11.7**	**482**	NA	37,000	8,800	390,000
Dibenz (a,h) anthracene	<9.9	<9.4	<9.6	<9.7	**99.3 ◆**	NA	38,000	8.8	390
Fluoranthene	<9.9	<9.4	**39.2**	23.3	**813**	NA	500,000	600,000	40,000,000
Fluorene	<9.9	<9.4	<9.6	<9.7	**230**	NA	100,000	600,000	40,000,000
Indeno (1,2,3-cd) pyrene	<9.9	<9.4	**J 15.8**	<9.7	**273 ◆**	NA	680,000,000	88	3,900
1-Methylnaphthalene	**65.6**	<8.5	<8.7	<8.9	**252**	NA	23,000	1,100,000	70,000,000
2-Methylnaphthalene	**80.3**	<1.8	<1.8	<1.8	**351**	NA	20,000	600,000	40,000,000
Naphthalene	468	<3.5	<3.6	<3.7	**268**	NA	400	20,000	110,000
Phenanthrene	**<2.5**	<2.4	**J 14.2**	**J 17.9**	**767**	NA	1,800	18,000	390,000
Pyrene	<9.9	<9.4	**30.6**	**J 16.1**	**646**	NA	8,700,000	500,000	30,000,000
Lead (mg/kg)							mg/kg	mg/kg	mg/kg
Lead	**8.4**	NA	NA	NA	**427 ◆**	NA	NS	50	500

Notes:
Table includes detected analytes only.
Soil sample ID indicates depth of sample, e.g. sample **DP-1 (4'-6')** was collected from soil boring location **DP-1** from the depth interval between 4 and 6 feet below land surface.

■ Indicates concentration exceeds industrial direct contact RCL.
◆ Indicates concentration exceeds non-industrial direct contact RCL.
▲ Indicates concentration exceeds groundwater protection RCL.
J = Concentration is between laboratory limit of detection and limit of quantification.
Bold typed results indicate that the analyte was present at a concentration equal to or greater than the laboratory detection limit.
RCL = Residual Contaminant Level
VOCs = Volatile Organic Compounds
PVOCs = Petroleum Volatile Organic Compounds
PAHs - Polynuclear Aromatic Hydrocarbons
NS = No Standard
NA = Not Analyzed

TABLE 1 (Page 2 of 2)
Soil Sample Analytical Results Summary
Parks Pioneer (Silver Steel)
July 2012

Sample I.D.	Soil Sample I.D. DP-5 (3'-4')	DP-5 (7'- 8')	Groundwater	Soil Standards NR 720 RCLs Non-Industrial	Industrial
Parameter VOCs (ug/kg)			ug/kg	ug/kg	ug/kg
1,2,4-Trymethylbenzene	<25.0	<25.0	NS	NS	NS
1,3,5-Tymethylbenzene	<25.0	<25.0	NS	NS	NS
Ethylbenzene	**J 40.4**	<25.0	2,900	NS	NS
Isopropylbenzene	**J 45.3**	NA	NS	NS	NS
Naphthalene	**J 30.3**	NA	400	20,000	110,000
Toluene	<25.0	<25.0	1,500	NS	NS
Xylenes	<50.0	<50.0	4,100	NS	NS
n-Butylbenzene	<40.4	NA	NS	NS	NS
n-Propylbenzene	**J 35.2**	NA	NS	NS	NS
p-Isopropylbenzene	<25.0	NA	NS	NS	NS
sec-Butylbenzene	**98.6**	NA	NS	NS	NS
PAHs (ug/kg)			ug/kg	ug/kg	ug/kg
Acenaphthene	**J 15.4**	NA	38,000	900,000	60,000,000
Acenaphthylene	**J 20.0**	NA	700	18,000	360,000
Anthracene	**46.1**	NA	3,000,000	5,000,000	300,000,000
Benzo (a) anthracene	**161** ◆	NA	17,000	88	3,900
Benzo (a) Pyrene	**190** ◆	NA	48,000	9	390
Benzo (b) fluoranthene	**248** ◆	NA	360,000	88	3,900
Benzo (g,h,i) perylene	**176**	NA	6,800,000	1,800	39,000
Benzo (k) fluoranthene	**183**	NA	870,000	880	39,000
Chrysene	**271**	NA	37,000	8,800	390,000
Dibenz (a,h) anthracene	**55.5** ◆	NA	38,000	8.8	390
Fluoranthene	**386**	NA	500,000	600,000	40,000,000
Fluorene	**J 13.4**	NA	100,000	600,000	40,000,000
Indeno (1,2,3-cd) pyrene	**146** ◆	NA	680,000,000	88	3,900
1-Methylnaphthalene	**J 15.0**	NA	23,000	1,100,000	70,000,000
2-Methylnaphthalene	**21.6**	NA	20,000	600,000	40,000,000
Naphthalene	**30.4**	NA	400	20,000	110,000
Phenanthrene	**125**	NA	1,800	18,000	390,000
Pyrene	**296**	NA	8,700,000	500,000	30,000,000
Lead			mg/kg	mg/kg	mg/kg
Lead	**94.9** ◆	NA	NS	50	500

Notes:

Table includes detected analytes only.

Soil sample ID indicates depth of sample, e.g. sample DP-1 (4'-6') was collected from soil boring location DP-1 from the depth interval between 4 and 6 feet below land surface.

■ Indicates concentration exceeds industrial direct contact RCL.

◆ Indicates concentration exceeds non-industrial direct contact RCL.

▲ Indicates concentration exceeds groundwater protection RCL.

J = Concentration is between laboratory limit of detection and limit of quantification.

Bold typed results indicate that the analyte was present at a concentration equal to or greater than the laboratory detection limit

RCL = Residual Contaminant Level

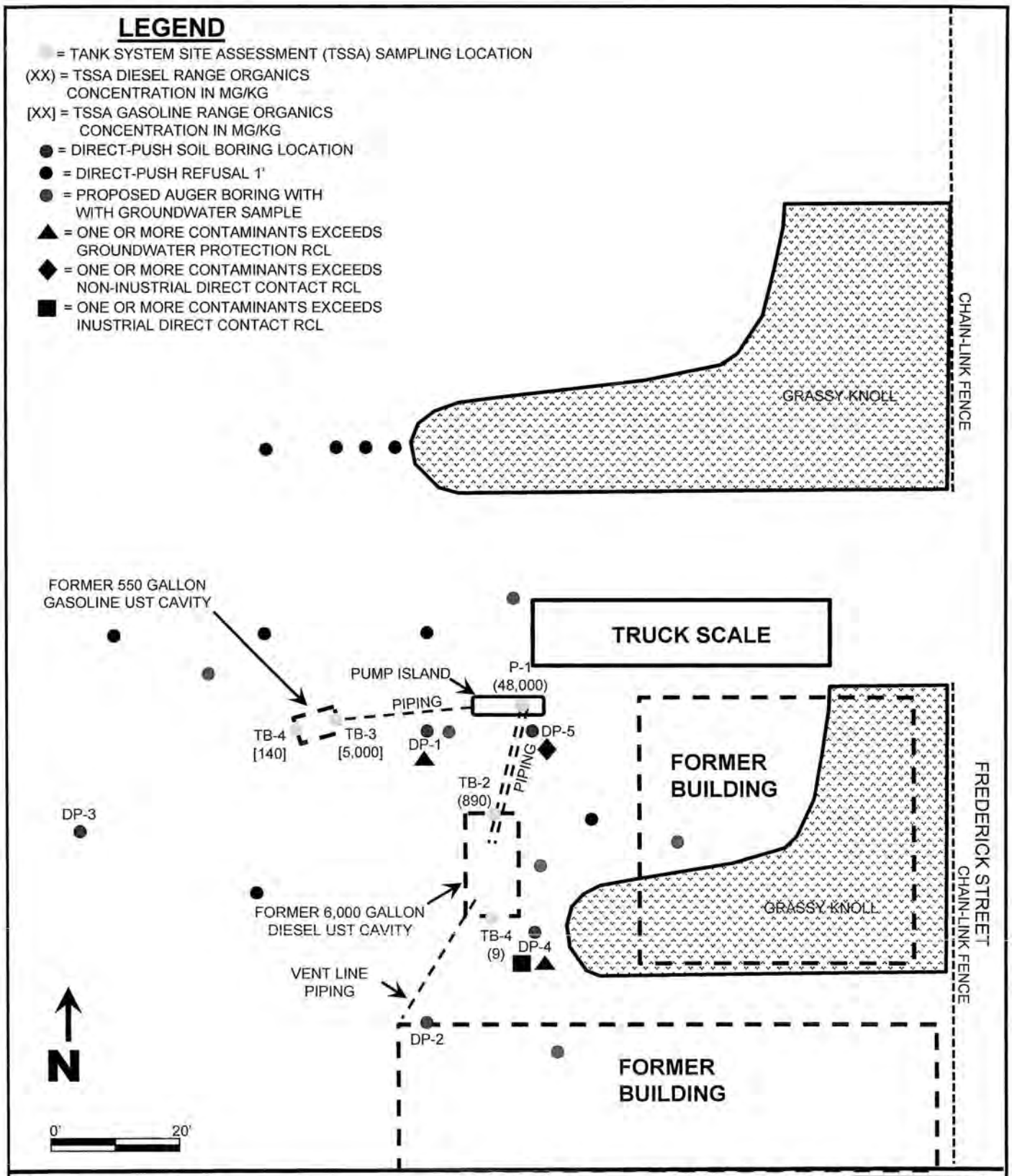
VOCs = Volatile Organic Compounds

PVOCs = Petroleum Volatile Organic Compounds

PAHs - Polynuclear Aromatic Hydrocarbons

NS = No Standard

NA = Not Analyzed



Approved By: Sean Cranley	Figure: 1
Date Approved: 09/28/12	
Date Drawn: 09/28/12	1 of 1
Drawn By: Sean Cranley	

FIGURE 1

SITE SAMPLING LOCATIONS
PARKS PIONEER – SILVER STEELET
1218 FREDERICK STREET
RACINE, WI

ChemReport®
Environmental & Safety Engineers
4515 Washington Road
Kenosha, WI 53144
800-965-5323
engineer@chemreport.com

Usual & Customary Standardized Invoice

PECFA #: 53404-3030-18

Vendor Name: ChemReport, Inc.

BRRT's #: 03-52-203881

Invoice #: 80212

Site Name: Parks Pioneer (Silver Steel)

Invoice Date: 8/2/2012

Site Address: 1214 Frederick St.

Check #: _____

Personal information you provide may be used for a secondary purposes [Privacy Law, s. 15.04 (1) (m), Stats.].

TASK CODE/ACTIVITY REFERENCE CODE	TASK DESCRIPTIONS/ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAXIMUM REIMBURSEABLE UNIT COST	UNITS INVOICED	UNIT COST CLAIMED	AMOUNT CLAIMED
12	DIRECT PUSH					
	CONSULTANT SERVICES					
DP05	0 - 24 ft bgs W/ Continuous Soil Sampling	FT	$5.10	63.00	$ 5.10	$ 321.30
DP10	> 24 ft bgs W/ Continuous Soil Sampling	FT	$5.70		$ -	$ -
DP15	Groundwater Profiling (No Soil Sampling)	FT	$2.20		$ -	$ -
DP20	Groundwater Sample Collection (to be used in conjunction with activity DP05 or DP10)	EACH	$34.30		$ -	$ -
DP25	Temporary Well Installation	EACH	$47.50		$ -	$ -
DP30	Primary Mob/Demob	SITE	$487.70	1.00	$ 487.70	$ 487.70
	COMMODITY SERVICES					
DP35	0 - 24 ft bgs W/ Continuous Soil Sampling	FT	$6.60	63.00	$ 6.60	$ 415.80
DP40	> 24 ft bgs W/ Continuous Soil Sampling	FT	$8.60		$ -	$ -
DP45	Groundwater Profiling (no soil sampling)	FT	$6.20		$ -	$ -
DP50	Groundwater Sample Collection (cost for tubing)	FT	$0.40		$ -	$ -
DP55	Expendable Drive Point	EACH	$13.80		$ -	$ -
DP60	Borehole Abandonment	FT	$1.20	63.00	$ 1.20	$ 75.60
DP65	Concrete Penetration	EACH	$19.10		$ 19.10	$ -
DP70	Groundwater Sample Collection (to be used in conjunction with activity DP35 or DP40)	EACH	$37.40		$ -	$ -
DP75	Temporary Well Installation (use DP45 to advance this borehole)	FT	$5.00		$ -	$ -
DP80	Mob/Demob (Includes Decon)	SITE	$501.00	1.00	$ 501.00	$ 501.00
15	MISCELLANEOUS DRILLING ACTIVITIES AND SUPPLIES					
MDT21	Drum 55-gallon DOT steel	DRUM	$52.50	1.00	$ 52.50	$ 52.50
28	STANDARDIZED INVOICE					
SI05	Standardized Invoice	INVOICE	$16.80	1.00	$ 16.80	$ 16.80
33	SCHEDULE OF LABORATORY MAXIMUMS	SEE ATTACHED SCHEDULE				$ 829.40
36	CHANGE ORDER REQUEST (includes cost cap exceedence requests)					
COR05	Change Order Request	CHANGE ORDER	$363.60	1.00	$ 363.60	$ 363.60
					TOTAL AMOUNT CLAIMED	$ 3,063.70

Usual & Customary Standardized Invoice

PECFA #: 53404-3030-18

Vendor Name: ChemReport, Inc.

BRRT's #: 03-52-203881

Invoice #: 100112

Site Name: Parks Pioneer (Silver Steel)

Invoice Date: 10/1/2012

Site Address: 1214 Frederick St.

Check #: _____

Personal information you provide may be used for a secondary purposes [Privacy Law, s. 15.04 (1) (m), Stats.].

TASK CODE/ACTIVITY REFERENCE CODE	TASK DESCRIPTIONS/ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAXIMUM REIMBURSEABLE UNIT COST	UNITS INVOICED	UNIT COST CLAIMED	AMOUNT CLAIMED
28	STANDARDIZED INVOICE					
SI05	Standardized Invoice	INVOICE	$16.80	1.00	$ 16.80	$ 16.80
36	CHANGE ORDER REQUEST (includes cost cap exceedence requests)					
COR05	Change Order Request	CHANGE ORDER	$363.60	1.00	$ 363.60	$ 363.60
					TOTAL AMOUNT CLAIMED	$ 380.40

Effective Schedule Date: July 2012 to December 2012--Schedule #12

Usual & Customary Standardized Invoice

PECFA #: 53404-3030-18

Vendor Name: ChemReport, Inc.

BRRT's #: 03-52-203881

Invoice #: CHANGE ORDER REQUEST COST ESTIMATE

Site Name: Parks Pioneer (Silver Steel)

Invoice Date: 10/3/2012

Site Address: 1214 Frederick St.

Check #: _____

Personal information you provide may be used for a secondary purposes [Privacy Law, s. 15.04 (1) (m), Stats.]

TASK CODE/ACTIVITY REFERENCE CODE	TASK DESCRIPTIONS/ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAXIMUM REIMBURSEABLE UNIT COST	UNITS INVOICED	UNIT COST CLAIMED	AMOUNT CLAIMED
4	WASTE DISPOSAL					
	CONSULTANT SERVICES					
WD05	Consultant Coordination	SITE	$130.60	1.00	$ 130.60	$ 130.60
	COMMODITY SERVICES					
WD15	Drill Cuttings	DRUM	$103.00	8.00	$ 103.00	$ 824.00
WD17	Landfill Environmental Fee (support documentation must be provided)	ACTUAL COST	ACTUAL COST			
WD25	Primary Mob/Demob	SITE	$274.00	1.00	$ 274.00	$ 274.00
5	CLOSURE REQUEST					
CR15	GIS Packet Submittal (For Source Property only)	PACKET	$483.20	1.00	$ 483.20	$ 483.20
12	DIRECT PUSH					
	CONSULTANT SERVICES					
DP20	Groundwater Sample Collection (to be used in conjunction with activity DP05 or DP10)	EACH	$34.30	8.00	$ 34.30	$ 274.40
13	DRILLING					
	CONSULTANT SERVICES					
13.a	CONSULTANT OVERSIGHT DRILLING IN UNCONSOLIDATED SOILS - WITH SOIL SAMPLING					
DR05	For depth interval 0 - 25 ft bgs	FT	$5.10	120.00	$ 5.10	$ 612.00
DR20	Primary Mob/Demob	SITE	$564.80	1.00	$ 564.80	$ 564.80
	COMMODITY SERVICES					
13.d	DRILLING IN UNCONSOLIDATED SOILS - WITH SOIL SAMPLING					
DR45	0 - 25 ft bgs	FT	$15.90	120.00	$ 15.90	$ 1,908.00
14	MONITORING WELL INSTALLATION					
	CONSULTANT SERVICES					
	CONSULTANT OVERSIGHT MONITORING WELL INSTALLATION					
MWI05	0 - 25 ft bgs	FT	$3.70	120.00	$ 3.70	$ 444.00
	COMMODITY SERVICES					
MWI15	2 inch PVC Casing	FT	$15.90	120.00	$ 15.90	$ 1,908.00
15	MISCELLANEOUS DRILLING ACTIVITIES AND SUPPLIES					
MDT05	Drill Rig Mob/Demob (includes decontamination)	MOB/DEMOB	$917.50	1.00	$ 917.50	$ 917.50
MDT10	Well Cover/flushmount	EACH	$193.00	8.00	$ 193.00	$ 1,544.00
MDT15	Stickup Well Cover	EACH	$156.10		$ -	$ -
MDT20	Bumper Guard Posts	EACH	$66.00		$ -	$ -
MDT21	Drum 55-gallon DOT steel	DRUM	$52.50	8.00	$ 52.50	$ 420.00
MDT35	Borehole Abandonment	FT	$5.20	120.00	$ 5.20	$ 624.00
MDT40	Concrete Penetration	EACH	$69.40	~~8.00~~ 2	$ 69.40	$ 555.20 — chg.
22	SOIL INVESTIGATION REPORT					
SIR05	Soil Investigation Report	REPORT	$3,172.30		$ 3,172.30	$ 3,172.30
23	SOIL AND GROUNDWATER INVESTIGATION REPORT					
SGIR05	Soil and Groundwater Investigation Report	REPORT	$4,728.90		$ -	← need details.
33	SCHEDULE OF LABORATORY MAXIMUMS	SEE ATTACHED SCHEDULE				$ 673.00
35	CAP MAINTENANCE PLAN					
CMP05	Cap Maintenance Plan	PLAN	$304.80	1.00	$ 304.80	$ 304.80
					TOTAL AMOUNT CLAIMED	$ 15,633.80

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August 07, 2012

Sean Cranley
Chem Reports, Inc.
4515 Washington Road
Kenosha, WI 53144

RE: Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Dear Sean Cranley:
Enclosed are the analytical results for sample(s) received by the laboratory on July 27, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kang Khang

kang.khang@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

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SAMPLE SUMMARY

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4064149001	DP-1 (4'-6')	Solid	07/25/12 09:45	07/27/12 10:35
4064149002	DP-1 (10'-12')	Solid	07/25/12 09:55	07/27/12 10:35
4064149003	DP-2 (6'-8')	Solid	07/25/12 10:25	07/27/12 10:35
4064149004	DP-3 (7'-8')	Solid	07/25/12 10:55	07/27/12 10:35
4064149005	DP-4 (8'-9')	Solid	07/25/12 11:35	07/27/12 10:35
4064149006	DP-4 (11'-12')	Solid	07/25/12 11:40	07/27/12 10:35
4064149007	DP-5 (3'-4')	Solid	07/25/12 11:50	07/27/12 10:35
4064149008	DP-5 (7'-8')	Solid	07/25/12 12:00	07/27/12 10:35

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SAMPLE ANALYTE COUNT

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4064149001	DP-1 (4'-6')	EPA 6010	MMZ	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4064149002	DP-1 (10'-12')	WI MOD GRO	LCM	9	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4064149003	DP-2 (6'-8')	WI MOD GRO	LCM	9	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4064149004	DP-3 (7'-8')	WI MOD GRO	LCM	9	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4064149005	DP-4 (8'-9')	EPA 6010	MMZ	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4064149006	DP-4 (11'-12')	WI MOD GRO	LCM	9	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4064149007	DP-5 (3'-4')	EPA 6010	MMZ	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		EPA 8260	SMT	64	PASI-G
		ASTM D2974-87	KMF	1	PASI-G
4064149008	DP-5 (7'-8')	WI MOD GRO	LCM	9	PASI-G
		ASTM D2974-87	KMF	1	PASI-G

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-1 (4'-6') **Lab ID: 4064149001** Collected: 07/25/12 09:45 Received: 07/27/12 10:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**8.4**	mg/kg	1.2	0.30	1	07/30/12 16:00	07/31/12 17:10	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<9.9**	ug/kg	19.8	9.9	1	07/30/12 07:53	07/30/12 13:21	83-32-9	
Acenaphthylene	**<9.9**	ug/kg	19.8	9.9	1	07/30/12 07:53	07/30/12 13:21	208-96-8	
Anthracene	**<2.0**	ug/kg	19.8	2.0	1	07/30/12 07:53	07/30/12 13:21	120-12-7	
Benzo(a)anthracene	**<9.9**	ug/kg	19.8	9.9	1	07/30/12 07:53	07/30/12 13:21	56-55-3	
Benzo(a)pyrene	**<9.9**	ug/kg	19.8	9.9	1	07/30/12 07:53	07/30/12 13:21	50-32-8	
Benzo(b)fluoranthene	**<2.8**	ug/kg	19.8	2.8	1	07/30/12 07:53	07/30/12 13:21	205-99-2	
Benzo(g,h,i)perylene	**<9.9**	ug/kg	19.8	9.9	1	07/30/12 07:53	07/30/12 13:21	191-24-2	
Benzo(k)fluoranthene	**<9.9**	ug/kg	19.8	9.9	1	07/30/12 07:53	07/30/12 13:21	207-08-9	
Chrysene	**<2.2**	ug/kg	19.8	2.2	1	07/30/12 07:53	07/30/12 13:21	218-01-9	
Dibenz(a,h)anthracene	**<9.9**	ug/kg	19.8	9.9	1	07/30/12 07:53	07/30/12 13:21	53-70-3	
Fluoranthene	**<9.9**	ug/kg	19.8	9.9	1	07/30/12 07:53	07/30/12 13:21	206-44-0	
Fluorene	**<9.9**	ug/kg	19.8	9.9	1	07/30/12 07:53	07/30/12 13:21	86-73-7	
Indeno(1,2,3-cd)pyrene	**<9.9**	ug/kg	19.8	9.9	1	07/30/12 07:53	07/30/12 13:21	193-39-5	
1-Methylnaphthalene	**65.6**	ug/kg	19.8	9.0	1	07/30/12 07:53	07/30/12 13:21	90-12-0	
2-Methylnaphthalene	**80.3**	ug/kg	19.8	1.9	1	07/30/12 07:53	07/30/12 13:21	91-57-6	
Naphthalene	**468**	ug/kg	19.8	3.7	1	07/30/12 07:53	07/30/12 13:21	91-20-3	
Phenanthrene	**<2.5**	ug/kg	19.8	2.5	1	07/30/12 07:53	07/30/12 13:21	85-01-8	
Pyrene	**<9.9**	ug/kg	19.8	9.9	1	07/30/12 07:53	07/30/12 13:21	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	79	%.	43-130		1	07/30/12 07:53	07/30/12 13:21	321-60-8	
Terphenyl-d14 (S)	73	%.	32-130		1	07/30/12 07:53	07/30/12 13:21	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	630-20-6	W
1,1,1-Trichloroethane	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	71-55-6	W
1,1,2,2-Tetrachloroethane	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	79-34-5	W
1,1,2-Trichloroethane	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	79-00-5	W
1,1-Dichloroethane	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	75-34-3	W
1,1-Dichloroethene	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	75-35-4	W
1,1-Dichloropropene	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	563-58-6	W
1,2,3-Trichlorobenzene	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	87-61-6	W
1,2,3-Trichloropropane	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	96-18-4	W
1,2,4-Trichlorobenzene	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	120-82-1	W
1,2,4-Trimethylbenzene	**1320**	ug/kg	284	119	4	08/01/12 16:34	08/02/12 19:58	95-63-6	
1,2-Dibromo-3-chloropropane	**<329**	ug/kg	1000	329	4	08/01/12 16:34	08/02/12 19:58	96-12-8	W
1,2-Dibromoethane (EDB)	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	106-93-4	W
1,2-Dichlorobenzene	**<178**	ug/kg	240	178	4	08/01/12 16:34	08/02/12 19:58	95-50-1	W
1,2-Dichloroethane	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	107-06-2	W
1,2-Dichloropropane	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	78-87-5	W
1,3,5-Trimethylbenzene	**708**	ug/kg	284	119	4	08/01/12 16:34	08/02/12 19:58	108-67-8	
1,3-Dichlorobenzene	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	541-73-1	W
1,3-Dichloropropane	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	142-28-9	W

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-1 (4'-6') **Lab ID: 4064149001** Collected: 07/25/12 09:45 Received: 07/27/12 10:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260		Preparation Method: EPA 5035/5030B						
1,4-Dichlorobenzene	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	106-46-7	W
2,2-Dichloropropane	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	594-20-7	W
2-Chlorotoluene	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	95-49-8	W
4-Chlorotoluene	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	106-43-4	W
Benzene	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	71-43-2	W
Bromobenzene	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	108-86-1	W
Bromochloromethane	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	74-97-5	W
Bromodichloromethane	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	75-27-4	W
Bromoform	**<104**	ug/kg	240	104	4	08/01/12 16:34	08/02/12 19:58	75-25-2	W
Bromomethane	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	74-83-9	W
Carbon tetrachloride	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	56-23-5	W
Chlorobenzene	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	108-90-7	W
Chloroethane	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	75-00-3	W
Chloroform	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	67-66-3	W
Chloromethane	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	74-87-3	W
Dibromochloromethane	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	124-48-1	W
Dibromomethane	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	74-95-3	W
Dichlorodifluoromethane	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	75-71-8	W
Diisopropyl ether	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	108-20-3	W
Ethylbenzene	**1690**	ug/kg	284	119	4	08/01/12 16:34	08/02/12 19:58	100-41-4	
Hexachloro-1,3-butadiene	**<106**	ug/kg	240	106	4	08/01/12 16:34	08/02/12 19:58	87-68-3	W
Isopropylbenzene (Cumene)	**657**	ug/kg	284	119	4	08/01/12 16:34	08/02/12 19:58	98-82-8	
Methyl-tert-butyl ether	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	1634-04-4	W
Methylene Chloride	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	75-09-2	W
Naphthalene	**3050**	ug/kg	284	119	4	08/01/12 16:34	08/02/12 19:58	91-20-3	
Styrene	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	100-42-5	W
Tetrachloroethene	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	127-18-4	W
Toluene	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	108-88-3	W
Trichloroethene	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	79-01-6	W
Trichlorofluoromethane	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	75-69-4	W
Vinyl chloride	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	75-01-4	W
cis-1,2-Dichloroethene	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	156-59-2	W
cis-1,3-Dichloropropene	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	10061-01-5	W
m&p-Xylene	**1700**	ug/kg	569	237	4	08/01/12 16:34	08/02/12 19:58	179601-23-1	
n-Butylbenzene	**551**	ug/kg	284	191	4	08/01/12 16:34	08/02/12 19:58	104-51-8	
n-Propylbenzene	**1070**	ug/kg	284	119	4	08/01/12 16:34	08/02/12 19:58	103-65-1	
o-Xylene	**305**	ug/kg	284	119	4	08/01/12 16:34	08/02/12 19:58	95-47-6	
p-Isopropyltoluene	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	99-87-6	W
sec-Butylbenzene	**269J**	ug/kg	284	119	4	08/01/12 16:34	08/02/12 19:58	135-98-8	
tert-Butylbenzene	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	98-06-6	W
trans-1,2-Dichloroethene	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	156-60-5	W
trans-1,3-Dichloropropene	**<100**	ug/kg	240	100	4	08/01/12 16:34	08/02/12 19:58	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	93	%.	57-130		4	08/01/12 16:34	08/02/12 19:58	1868-53-7	
Toluene-d8 (S)	113	%.	54-133		4	08/01/12 16:34	08/02/12 19:58	2037-26-5	

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-1 (4'-6') **Lab ID: 4064149001** Collected: 07/25/12 09:45 Received: 07/27/12 10:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Surrogates									
4-Bromofluorobenzene (S)	121	%.	49-130		4	08/01/12 16:34	08/02/12 19:58	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.6**	%	0.10	0.10	1		07/27/12 16:55		

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-1 (10'-12') **Lab ID: 4064149002** Collected: 07/25/12 09:55 Received: 07/27/12 10:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 12:46	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 12:46	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 12:46	1634-04-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 12:46	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 12:46	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 12:46	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	07/30/12 11:22	07/30/12 12:46	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 12:46	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%.	80-120		1	07/30/12 11:22	07/30/12 12:46	98-08-8	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<9.4**	ug/kg	18.7	9.4	1	07/30/12 07:53	07/30/12 13:39	83-32-9	
Acenaphthylene	**<9.4**	ug/kg	18.7	9.4	1	07/30/12 07:53	07/30/12 13:39	208-96-8	
Anthracene	**<1.9**	ug/kg	18.7	1.9	1	07/30/12 07:53	07/30/12 13:39	120-12-7	
Benzo(a)anthracene	**<9.4**	ug/kg	18.7	9.4	1	07/30/12 07:53	07/30/12 13:39	56-55-3	
Benzo(a)pyrene	**<9.4**	ug/kg	18.7	9.4	1	07/30/12 07:53	07/30/12 13:39	50-32-8	
Benzo(b)fluoranthene	**<2.7**	ug/kg	18.7	2.7	1	07/30/12 07:53	07/30/12 13:39	205-99-2	
Benzo(g,h,i)perylene	**<9.4**	ug/kg	18.7	9.4	1	07/30/12 07:53	07/30/12 13:39	191-24-2	
Benzo(k)fluoranthene	**<9.4**	ug/kg	18.7	9.4	1	07/30/12 07:53	07/30/12 13:39	207-08-9	
Chrysene	**2.4J**	ug/kg	18.7	2.1	1	07/30/12 07:53	07/30/12 13:39	218-01-9	
Dibenz(a,h)anthracene	**<9.4**	ug/kg	18.7	9.4	1	07/30/12 07:53	07/30/12 13:39	53-70-3	
Fluoranthene	**<9.4**	ug/kg	18.7	9.4	1	07/30/12 07:53	07/30/12 13:39	206-44-0	
Fluorene	**<9.4**	ug/kg	18.7	9.4	1	07/30/12 07:53	07/30/12 13:39	86-73-7	
Indeno(1,2,3-cd)pyrene	**<9.4**	ug/kg	18.7	9.4	1	07/30/12 07:53	07/30/12 13:39	193-39-5	
1-Methylnaphthalene	**<8.5**	ug/kg	18.7	8.5	1	07/30/12 07:53	07/30/12 13:39	90-12-0	
2-Methylnaphthalene	**<1.8**	ug/kg	18.7	1.8	1	07/30/12 07:53	07/30/12 13:39	91-57-6	
Naphthalene	**<3.5**	ug/kg	18.7	3.5	1	07/30/12 07:53	07/30/12 13:39	91-20-3	
Phenanthrene	**<2.4**	ug/kg	18.7	2.4	1	07/30/12 07:53	07/30/12 13:39	85-01-8	
Pyrene	**<9.4**	ug/kg	18.7	9.4	1	07/30/12 07:53	07/30/12 13:39	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	76	%.	43-130		1	07/30/12 07:53	07/30/12 13:39	321-60-8	
Terphenyl-d14 (S)	75	%.	32-130		1	07/30/12 07:53	07/30/12 13:39	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.0**	%	0.10	0.10	1		07/31/12 16:51		

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-2 (6'-8') **Lab ID: 4064149003** Collected: 07/25/12 10:25 Received: 07/27/12 10:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 13:12	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 13:12	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 13:12	1634-04-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 13:12	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 13:12	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 13:12	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	07/30/12 11:22	07/30/12 13:12	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 13:12	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%.	80-120		1	07/30/12 11:22	07/30/12 13:12	98-08-8	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<9.6**	ug/kg	19.1	9.6	1	07/30/12 07:53	07/30/12 13:56	83-32-9	
Acenaphthylene	**<9.6**	ug/kg	19.1	9.6	1	07/30/12 07:53	07/30/12 13:56	208-96-8	
Anthracene	**4.2J**	ug/kg	19.1	2.0	1	07/30/12 07:53	07/30/12 13:56	120-12-7	
Benzo(a)anthracene	**25.8**	ug/kg	19.1	9.6	1	07/30/12 07:53	07/30/12 13:56	56-55-3	
Benzo(a)pyrene	**29.1**	ug/kg	19.1	9.6	1	07/30/12 07:53	07/30/12 13:56	50-32-8	
Benzo(b)fluoranthene	**29.8**	ug/kg	19.1	2.8	1	07/30/12 07:53	07/30/12 13:56	205-99-2	
Benzo(g,h,i)perylene	**17.5J**	ug/kg	19.1	9.6	1	07/30/12 07:53	07/30/12 13:56	191-24-2	
Benzo(k)fluoranthene	**28.3**	ug/kg	19.1	9.6	1	07/30/12 07:53	07/30/12 13:56	207-08-9	
Chrysene	**34.3**	ug/kg	19.1	2.2	1	07/30/12 07:53	07/30/12 13:56	218-01-9	
Dibenz(a,h)anthracene	**<9.6**	ug/kg	19.1	9.6	1	07/30/12 07:53	07/30/12 13:56	53-70-3	
Fluoranthene	**39.2**	ug/kg	19.1	9.6	1	07/30/12 07:53	07/30/12 13:56	206-44-0	
Fluorene	**<9.6**	ug/kg	19.1	9.6	1	07/30/12 07:53	07/30/12 13:56	86-73-7	
Indeno(1,2,3-cd)pyrene	**15.8J**	ug/kg	19.1	9.6	1	07/30/12 07:53	07/30/12 13:56	193-39-5	
1-Methylnaphthalene	**<8.7**	ug/kg	19.1	8.7	1	07/30/12 07:53	07/30/12 13:56	90-12-0	
2-Methylnaphthalene	**<1.8**	ug/kg	19.1	1.8	1	07/30/12 07:53	07/30/12 13:56	91-57-6	
Naphthalene	**<3.6**	ug/kg	19.1	3.6	1	07/30/12 07:53	07/30/12 13:56	91-20-3	
Phenanthrene	**14.2J**	ug/kg	19.1	2.4	1	07/30/12 07:53	07/30/12 13:56	85-01-8	
Pyrene	**30.6**	ug/kg	19.1	9.6	1	07/30/12 07:53	07/30/12 13:56	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	81	%.	43-130		1	07/30/12 07:53	07/30/12 13:56	321-60-8	
Terphenyl-d14 (S)	76	%.	32-130		1	07/30/12 07:53	07/30/12 13:56	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.8**	%	0.10	0.10	1		07/31/12 16:51		

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-3 (7'-8') **Lab ID: 4064149004** Collected: 07/25/12 10:55 Received: 07/27/12 10:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:29	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:29	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:29	1634-04-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:29	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:29	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:29	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	07/30/12 11:22	07/30/12 17:29	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:29	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%.	80-120		1	07/30/12 11:22	07/30/12 17:29	98-08-8	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<9.7**	ug/kg	19.4	9.7	1	07/30/12 07:53	07/30/12 14:14	83-32-9	
Acenaphthylene	**<9.7**	ug/kg	19.4	9.7	1	07/30/12 07:53	07/30/12 14:14	208-96-8	
Anthracene	**5.2J**	ug/kg	19.4	2.0	1	07/30/12 07:53	07/30/12 14:14	120-12-7	
Benzo(a)anthracene	**9.9J**	ug/kg	19.4	9.7	1	07/30/12 07:53	07/30/12 14:14	56-55-3	
Benzo(a)pyrene	**<9.7**	ug/kg	19.4	9.7	1	07/30/12 07:53	07/30/12 14:14	50-32-8	
Benzo(b)fluoranthene	**6.4J**	ug/kg	19.4	2.8	1	07/30/12 07:53	07/30/12 14:14	205-99-2	
Benzo(g,h,i)perylene	**<9.7**	ug/kg	19.4	9.7	1	07/30/12 07:53	07/30/12 14:14	191-24-2	
Benzo(k)fluoranthene	**9.9J**	ug/kg	19.4	9.7	1	07/30/12 07:53	07/30/12 14:14	207-08-9	
Chrysene	**11.7J**	ug/kg	19.4	2.2	1	07/30/12 07:53	07/30/12 14:14	218-01-9	
Dibenz(a,h)anthracene	**<9.7**	ug/kg	19.4	9.7	1	07/30/12 07:53	07/30/12 14:14	53-70-3	
Fluoranthene	**23.3**	ug/kg	19.4	9.7	1	07/30/12 07:53	07/30/12 14:14	206-44-0	
Fluorene	**<9.7**	ug/kg	19.4	9.7	1	07/30/12 07:53	07/30/12 14:14	86-73-7	
Indeno(1,2,3-cd)pyrene	**<9.7**	ug/kg	19.4	9.7	1	07/30/12 07:53	07/30/12 14:14	193-39-5	
1-Methylnaphthalene	**<8.9**	ug/kg	19.4	8.9	1	07/30/12 07:53	07/30/12 14:14	90-12-0	
2-Methylnaphthalene	**<1.8**	ug/kg	19.4	1.8	1	07/30/12 07:53	07/30/12 14:14	91-57-6	
Naphthalene	**<3.7**	ug/kg	19.4	3.7	1	07/30/12 07:53	07/30/12 14:14	91-20-3	
Phenanthrene	**17.9J**	ug/kg	19.4	2.5	1	07/30/12 07:53	07/30/12 14:14	85-01-8	
Pyrene	**16.1J**	ug/kg	19.4	9.7	1	07/30/12 07:53	07/30/12 14:14	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	74	%.	43-130		1	07/30/12 07:53	07/30/12 14:14	321-60-8	
Terphenyl-d14 (S)	72	%.	32-130		1	07/30/12 07:53	07/30/12 14:14	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.2**	%	0.10	0.10	1		07/31/12 16:51		

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-4 (8'-9') **Lab ID: 4064149005** Collected: 07/25/12 11:35 Received: 07/27/12 10:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**427**	mg/kg	1.1	0.29	1	07/30/12 16:00	07/31/12 17:16	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**156**	ug/kg	20.4	10.2	1	07/30/12 07:53	07/30/12 14:31	83-32-9	
Acenaphthylene	**73.8**	ug/kg	20.4	10.2	1	07/30/12 07:53	07/30/12 14:31	208-96-8	
Anthracene	**215**	ug/kg	20.4	2.1	1	07/30/12 07:53	07/30/12 14:31	120-12-7	
Benzo(a)anthracene	**384**	ug/kg	20.4	10.2	1	07/30/12 07:53	07/30/12 14:31	56-55-3	
Benzo(a)pyrene	**415**	ug/kg	20.4	10.2	1	07/30/12 07:53	07/30/12 14:31	50-32-8	
Benzo(b)fluoranthene	**610**	ug/kg	20.4	2.9	1	07/30/12 07:53	07/30/12 14:31	205-99-2	
Benzo(g,h,i)perylene	**294**	ug/kg	20.4	10.2	1	07/30/12 07:53	07/30/12 14:31	191-24-2	
Benzo(k)fluoranthene	**282**	ug/kg	20.4	10.2	1	07/30/12 07:53	07/30/12 14:31	207-08-9	
Chrysene	**482**	ug/kg	20.4	2.3	1	07/30/12 07:53	07/30/12 14:31	218-01-9	
Dibenz(a,h)anthracene	**99.3**	ug/kg	20.4	10.2	1	07/30/12 07:53	07/30/12 14:31	53-70-3	
Fluoranthene	**813**	ug/kg	20.4	10.2	1	07/30/12 07:53	07/30/12 14:31	206-44-0	
Fluorene	**230**	ug/kg	20.4	10.2	1	07/30/12 07:53	07/30/12 14:31	86-73-7	
Indeno(1,2,3-cd)pyrene	**273**	ug/kg	20.4	10.2	1	07/30/12 07:53	07/30/12 14:31	193-39-5	
1-Methylnaphthalene	**252**	ug/kg	20.4	9.3	1	07/30/12 07:53	07/30/12 14:31	90-12-0	
2-Methylnaphthalene	**351**	ug/kg	20.4	1.9	1	07/30/12 07:53	07/30/12 14:31	91-57-6	
Naphthalene	**268**	ug/kg	20.4	3.8	1	07/30/12 07:53	07/30/12 14:31	91-20-3	
Phenanthrene	**767**	ug/kg	20.4	2.6	1	07/30/12 07:53	07/30/12 14:31	85-01-8	
Pyrene	**646**	ug/kg	20.4	10.2	1	07/30/12 07:53	07/30/12 14:31	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	71	%.	43-130		1	07/30/12 07:53	07/30/12 14:31	321-60-8	
Terphenyl-d14 (S)	71	%.	32-130		1	07/30/12 07:53	07/30/12 14:31	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	120-82-1	W
1,2,4-Trimethylbenzene	**124**	ug/kg	73.5	30.6	1	08/01/12 16:34	08/02/12 14:00	95-63-6	
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	08/01/12 16:34	08/02/12 14:00	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	08/01/12 16:34	08/02/12 14:00	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	78-87-5	W
1,3,5-Trimethylbenzene	**106**	ug/kg	73.5	30.6	1	08/01/12 16:34	08/02/12 14:00	108-67-8	
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	142-28-9	W

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-4 (8'-9') **Lab ID: 4064149005** Collected: 07/25/12 11:35 Received: 07/27/12 10:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	08/01/12 16:34	08/02/12 14:00	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	108-20-3	W
Ethylbenzene	**67.2J**	ug/kg	73.5	30.6	1	08/01/12 16:34	08/02/12 14:00	100-41-4	
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	08/01/12 16:34	08/02/12 14:00	87-68-3	W
Isopropylbenzene (Cumene)	**178**	ug/kg	73.5	30.6	1	08/01/12 16:34	08/02/12 14:00	98-82-8	
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	75-09-2	W
Naphthalene	**414**	ug/kg	73.5	30.6	1	08/01/12 16:34	08/02/12 14:00	91-20-3	
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	100-42-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	127-18-4	W
Toluene	**88.7**	ug/kg	73.5	30.6	1	08/01/12 16:34	08/02/12 14:00	108-88-3	
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	10061-01-5	W
m&p-Xylene	**140J**	ug/kg	147	61.2	1	08/01/12 16:34	08/02/12 14:00	179601-23-1	
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	08/01/12 16:34	08/02/12 14:00	104-51-8	W
n-Propylbenzene	**173**	ug/kg	73.5	30.6	1	08/01/12 16:34	08/02/12 14:00	103-65-1	
o-Xylene	**55.6J**	ug/kg	73.5	30.6	1	08/01/12 16:34	08/02/12 14:00	95-47-6	
p-Isopropyltoluene	**48.3J**	ug/kg	73.5	30.6	1	08/01/12 16:34	08/02/12 14:00	99-87-6	
sec-Butylbenzene	**473**	ug/kg	73.5	30.6	1	08/01/12 16:34	08/02/12 14:00	135-98-8	
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:00	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	85	%.	57-130		1	08/01/12 16:34	08/02/12 14:00	1868-53-7	
Toluene-d8 (S)	97	%.	54-133		1	08/01/12 16:34	08/02/12 14:00	2037-26-5	

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-4 (8'-9') **Lab ID: 4064149005** Collected: 07/25/12 11:35 Received: 07/27/12 10:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Surrogates									
4-Bromofluorobenzene (S)	89	%.	49-130		1	08/01/12 16:34	08/02/12 14:00	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**18.3**	%	0.10	0.10	1		07/31/12 16:51		

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-4 (11'-12') **Lab ID: 4064149006** Collected: 07/25/12 11:40 Received: 07/27/12 10:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:55	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:55	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:55	1634-04-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:55	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:55	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:55	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	07/30/12 11:22	07/30/12 17:55	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 17:55	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%.	80-120		1	07/30/12 11:22	07/30/12 17:55	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.6**	%	0.10	0.10	1		07/31/12 16:51		

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-5 (3'-4') **Lab ID: 4064149007** Collected: 07/25/12 11:50 Received: 07/27/12 10:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**94.9**	mg/kg	1.1	0.27	1	07/30/12 16:00	07/31/12 17:18	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**15.4J**	ug/kg	20.2	10.1	1	07/30/12 07:53	07/30/12 16:42	83-32-9	
Acenaphthylene	**20.0J**	ug/kg	20.2	10.1	1	07/30/12 07:53	07/30/12 16:42	208-96-8	
Anthracene	**46.1**	ug/kg	20.2	2.1	1	07/30/12 07:53	07/30/12 16:42	120-12-7	
Benzo(a)anthracene	**161**	ug/kg	20.2	10.1	1	07/30/12 07:53	07/30/12 16:42	56-55-3	
Benzo(a)pyrene	**190**	ug/kg	20.2	10.1	1	07/30/12 07:53	07/30/12 16:42	50-32-8	
Benzo(b)fluoranthene	**248**	ug/kg	20.2	2.9	1	07/30/12 07:53	07/30/12 16:42	205-99-2	
Benzo(g,h,i)perylene	**176**	ug/kg	20.2	10.1	1	07/30/12 07:53	07/30/12 16:42	191-24-2	
Benzo(k)fluoranthene	**183**	ug/kg	20.2	10.1	1	07/30/12 07:53	07/30/12 16:42	207-08-9	
Chrysene	**271**	ug/kg	20.2	2.3	1	07/30/12 07:53	07/30/12 16:42	218-01-9	
Dibenz(a,h)anthracene	**55.5**	ug/kg	20.2	10.1	1	07/30/12 07:53	07/30/12 16:42	53-70-3	
Fluoranthene	**386**	ug/kg	20.2	10.1	1	07/30/12 07:53	07/30/12 16:42	206-44-0	
Fluorene	**13.4J**	ug/kg	20.2	10.1	1	07/30/12 07:53	07/30/12 16:42	86-73-7	
Indeno(1,2,3-cd)pyrene	**146**	ug/kg	20.2	10.1	1	07/30/12 07:53	07/30/12 16:42	193-39-5	
1-Methylnaphthalene	**15.0J**	ug/kg	20.2	9.2	1	07/30/12 07:53	07/30/12 16:42	90-12-0	
2-Methylnaphthalene	**21.6**	ug/kg	20.2	1.9	1	07/30/12 07:53	07/30/12 16:42	91-57-6	
Naphthalene	**30.4**	ug/kg	20.2	3.8	1	07/30/12 07:53	07/30/12 16:42	91-20-3	
Phenanthrene	**125**	ug/kg	20.2	2.6	1	07/30/12 07:53	07/30/12 16:42	85-01-8	
Pyrene	**296**	ug/kg	20.2	10.1	1	07/30/12 07:53	07/30/12 16:42	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	74	%.	43-130		1	07/30/12 07:53	07/30/12 16:42	321-60-8	
Terphenyl-d14 (S)	74	%.	32-130		1	07/30/12 07:53	07/30/12 16:42	1718-51-0	
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,1,1,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	630-20-6	W
1,1,1-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	71-55-6	W
1,1,2,2-Tetrachloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	79-34-5	W
1,1,2-Trichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	79-00-5	W
1,1-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	75-34-3	W
1,1-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	75-35-4	W
1,1-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	563-58-6	W
1,2,3-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	87-61-6	W
1,2,3-Trichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	96-18-4	W
1,2,4-Trichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	120-82-1	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	95-63-6	W
1,2-Dibromo-3-chloropropane	**<82.3**	ug/kg	250	82.3	1	08/01/12 16:34	08/02/12 14:23	96-12-8	W
1,2-Dibromoethane (EDB)	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	106-93-4	W
1,2-Dichlorobenzene	**<44.4**	ug/kg	60.0	44.4	1	08/01/12 16:34	08/02/12 14:23	95-50-1	W
1,2-Dichloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	107-06-2	W
1,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	78-87-5	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	108-67-8	W
1,3-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	541-73-1	W
1,3-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	142-28-9	W

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-5 (3'-4') **Lab ID: 4064149007** Collected: 07/25/12 11:50 Received: 07/27/12 10:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
1,4-Dichlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	106-46-7	W
2,2-Dichloropropane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	594-20-7	W
2-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	95-49-8	W
4-Chlorotoluene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	106-43-4	W
Benzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	71-43-2	W
Bromobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	108-86-1	W
Bromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	74-97-5	W
Bromodichloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	75-27-4	W
Bromoform	**<25.9**	ug/kg	60.0	25.9	1	08/01/12 16:34	08/02/12 14:23	75-25-2	W
Bromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	74-83-9	W
Carbon tetrachloride	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	56-23-5	W
Chlorobenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	108-90-7	W
Chloroethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	75-00-3	W
Chloroform	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	67-66-3	W
Chloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	74-87-3	W
Dibromochloromethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	124-48-1	W
Dibromomethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	74-95-3	W
Dichlorodifluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	75-71-8	W
Diisopropyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	108-20-3	W
Ethylbenzene	**40.4J**	ug/kg	72.8	30.3	1	08/01/12 16:34	08/02/12 14:23	100-41-4	
Hexachloro-1,3-butadiene	**<26.4**	ug/kg	60.0	26.4	1	08/01/12 16:34	08/02/12 14:23	87-68-3	W
Isopropylbenzene (Cumene)	**45.3J**	ug/kg	72.8	30.3	1	08/01/12 16:34	08/02/12 14:23	98-82-8	
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	1634-04-4	W
Methylene Chloride	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	75-09-2	W
Naphthalene	**30.3J**	ug/kg	72.8	30.3	1	08/01/12 16:34	08/02/12 14:23	91-20-3	
Styrene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	100-42-5	W
Tetrachloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	127-18-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	108-88-3	W
Trichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	79-01-6	W
Trichlorofluoromethane	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	75-69-4	W
Vinyl chloride	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	75-01-4	W
cis-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	156-59-2	W
cis-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	10061-01-5	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	08/01/12 16:34	08/02/12 14:23	179601-23-1	W
n-Butylbenzene	**<40.4**	ug/kg	60.0	40.4	1	08/01/12 16:34	08/02/12 14:23	104-51-8	W
n-Propylbenzene	**35.2J**	ug/kg	72.8	30.3	1	08/01/12 16:34	08/02/12 14:23	103-65-1	
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	95-47-6	W
p-Isopropyltoluene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	99-87-6	W
sec-Butylbenzene	**98.6**	ug/kg	72.8	30.3	1	08/01/12 16:34	08/02/12 14:23	135-98-8	
tert-Butylbenzene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	98-06-6	W
trans-1,2-Dichloroethene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	156-60-5	W
trans-1,3-Dichloropropene	**<25.0**	ug/kg	60.0	25.0	1	08/01/12 16:34	08/02/12 14:23	10061-02-6	W
Surrogates									
Dibromofluoromethane (S)	88	%.	57-130		1	08/01/12 16:34	08/02/12 14:23	1868-53-7	
Toluene-d8 (S)	99	%.	54-133		1	08/01/12 16:34	08/02/12 14:23	2037-26-5	

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-5 (3'-4') **Lab ID: 4064149007** Collected: 07/25/12 11:50 Received: 07/27/12 10:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Med Level Normal List	Analytical Method: EPA 8260 Preparation Method: EPA 5035/5030B								
Surrogates									
4-Bromofluorobenzene (S)	102	%.	49-130		1	08/01/12 16:34	08/02/12 14:23	460-00-4	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**17.6**	%	0.10	0.10	1		07/31/12 16:51		

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Sample: DP-5 (7'-8') **Lab ID: 4064149008** Collected: 07/25/12 12:00 Received: 07/27/12 10:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 21:20	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 21:20	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 21:20	1634-04-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 21:20	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 21:20	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 21:20	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	07/30/12 11:22	07/30/12 21:20	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	07/30/12 11:22	07/30/12 21:20	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%.	80-120		1	07/30/12 11:22	07/30/12 21:20	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.2**	%	0.10	0.10	1		07/31/12 16:51		

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

QC Batch: GCV/8755 Analysis Method: WI MOD GRO
QC Batch Method: TPH GRO/PVOC WI ext. Analysis Description: WIGRO Solid GCV
Associated Lab Samples: 4064149002, 4064149003, 4064149004, 4064149006, 4064149008

METHOD BLANK: 644062 Matrix: Solid
Associated Lab Samples: 4064149002, 4064149003, 4064149004, 4064149006, 4064149008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	07/30/12 11:29	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	07/30/12 11:29	
Benzene	ug/kg	<25.0	60.0	07/30/12 11:29	
Ethylbenzene	ug/kg	<25.0	60.0	07/30/12 11:29	
m&p-Xylene	ug/kg	<50.0	120	07/30/12 11:29	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	07/30/12 11:29	
o-Xylene	ug/kg	<25.0	60.0	07/30/12 11:29	
Toluene	ug/kg	<25.0	60.0	07/30/12 11:29	
a,a,a-Trifluorotoluene (S)	%.	102	80-120	07/30/12 11:29	

LABORATORY CONTROL SAMPLE & LCSD: 644063 644064

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1000	911	908	91	91	80-120	0	20	
1,3,5-Trimethylbenzene	ug/kg	1000	918	916	92	92	80-120	0	20	
Benzene	ug/kg	1000	919	917	92	92	80-120	0	20	
Ethylbenzene	ug/kg	1000	993	988	99	99	80-120	0	20	
m&p-Xylene	ug/kg	2000	1950	1940	97	97	80-120	0	20	
Methyl-tert-butyl ether	ug/kg	1000	944	931	94	93	80-120	1	20	
o-Xylene	ug/kg	1000	991	985	99	99	80-120	1	20	
Toluene	ug/kg	1000	976	972	98	97	80-120	0	20	
a,a,a-Trifluorotoluene (S)	%.				103	102	80-120			

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

QC Batch: MPRP/7263 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 4064149001, 4064149005, 4064149007

METHOD BLANK: 644163 Matrix: Solid
Associated Lab Samples: 4064149001, 4064149005, 4064149007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/kg	<0.25	1.0	07/31/12 17:05	

LABORATORY CONTROL SAMPLE: 644164

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	50	51.3	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 644165 644166

Parameter	Units	4064149001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/kg	8.4	58.8	59.3	57.5	60.4	84	88	75-125	5	20	

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

QC Batch: MSV/16049 Analysis Method: EPA 8260
QC Batch Method: EPA 5035/5030B Analysis Description: 8260 MSV Med Level Normal List
Associated Lab Samples: 4064149001, 4064149005, 4064149007

METHOD BLANK: 646022 Matrix: Solid
Associated Lab Samples: 4064149001, 4064149005, 4064149007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	<25.0	60.0	08/02/12 08:37	
1,1,1-Trichloroethane	ug/kg	<25.0	60.0	08/02/12 08:37	
1,1,2,2-Tetrachloroethane	ug/kg	<25.0	60.0	08/02/12 08:37	
1,1,2-Trichloroethane	ug/kg	<25.0	60.0	08/02/12 08:37	
1,1-Dichloroethane	ug/kg	<25.0	60.0	08/02/12 08:37	
1,1-Dichloroethene	ug/kg	<25.0	60.0	08/02/12 08:37	
1,1-Dichloropropene	ug/kg	<25.0	60.0	08/02/12 08:37	
1,2,3-Trichlorobenzene	ug/kg	<25.0	60.0	08/02/12 08:37	
1,2,3-Trichloropropane	ug/kg	<25.0	60.0	08/02/12 08:37	
1,2,4-Trichlorobenzene	ug/kg	<25.0	60.0	08/02/12 08:37	
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	08/02/12 08:37	
1,2-Dibromo-3-chloropropane	ug/kg	<82.3	250	08/02/12 08:37	
1,2-Dibromoethane (EDB)	ug/kg	<25.0	60.0	08/02/12 08:37	
1,2-Dichlorobenzene	ug/kg	<44.4	60.0	08/02/12 08:37	
1,2-Dichloroethane	ug/kg	<25.0	60.0	08/02/12 08:37	
1,2-Dichloropropane	ug/kg	<25.0	60.0	08/02/12 08:37	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	08/02/12 08:37	
1,3-Dichlorobenzene	ug/kg	<25.0	60.0	08/02/12 08:37	
1,3-Dichloropropane	ug/kg	<25.0	60.0	08/02/12 08:37	
1,4-Dichlorobenzene	ug/kg	<25.0	60.0	08/02/12 08:37	
2,2-Dichloropropane	ug/kg	<25.0	60.0	08/02/12 08:37	
2-Chlorotoluene	ug/kg	<25.0	60.0	08/02/12 08:37	
4-Chlorotoluene	ug/kg	<25.0	60.0	08/02/12 08:37	
Benzene	ug/kg	<25.0	60.0	08/02/12 08:37	
Bromobenzene	ug/kg	<25.0	60.0	08/02/12 08:37	
Bromochloromethane	ug/kg	<25.0	60.0	08/02/12 08:37	
Bromodichloromethane	ug/kg	<25.0	60.0	08/02/12 08:37	
Bromoform	ug/kg	<25.9	60.0	08/02/12 08:37	
Bromomethane	ug/kg	<25.0	60.0	08/02/12 08:37	
Carbon tetrachloride	ug/kg	<25.0	60.0	08/02/12 08:37	
Chlorobenzene	ug/kg	<25.0	60.0	08/02/12 08:37	
Chloroethane	ug/kg	<25.0	60.0	08/02/12 08:37	
Chloroform	ug/kg	<25.0	60.0	08/02/12 08:37	
Chloromethane	ug/kg	<25.0	60.0	08/02/12 08:37	
cis-1,2-Dichloroethene	ug/kg	<25.0	60.0	08/02/12 08:37	
cis-1,3-Dichloropropene	ug/kg	<25.0	60.0	08/02/12 08:37	
Dibromochloromethane	ug/kg	<25.0	60.0	08/02/12 08:37	
Dibromomethane	ug/kg	<25.0	60.0	08/02/12 08:37	
Dichlorodifluoromethane	ug/kg	<25.0	60.0	08/02/12 08:37	
Diisopropyl ether	ug/kg	<25.0	60.0	08/02/12 08:37	
Ethylbenzene	ug/kg	<25.0	60.0	08/02/12 08:37	
Hexachloro-1,3-butadiene	ug/kg	<26.4	60.0	08/02/12 08:37	
Isopropylbenzene (Cumene)	ug/kg	<25.0	60.0	08/02/12 08:37	

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

METHOD BLANK: 646022 Matrix: Solid

Associated Lab Samples: 4064149001, 4064149005, 4064149007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
m&p-Xylene	ug/kg	<50.0	120	08/02/12 08:37	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	08/02/12 08:37	
Methylene Chloride	ug/kg	<25.0	60.0	08/02/12 08:37	
n-Butylbenzene	ug/kg	<40.4	60.0	08/02/12 08:37	
n-Propylbenzene	ug/kg	<25.0	60.0	08/02/12 08:37	
Naphthalene	ug/kg	<25.0	60.0	08/02/12 08:37	
o-Xylene	ug/kg	<25.0	60.0	08/02/12 08:37	
p-Isopropyltoluene	ug/kg	<25.0	60.0	08/02/12 08:37	
sec-Butylbenzene	ug/kg	<25.0	60.0	08/02/12 08:37	
Styrene	ug/kg	<25.0	60.0	08/02/12 08:37	
tert-Butylbenzene	ug/kg	<25.0	60.0	08/02/12 08:37	
Tetrachloroethene	ug/kg	<25.0	60.0	08/02/12 08:37	
Toluene	ug/kg	<25.0	60.0	08/02/12 08:37	
trans-1,2-Dichloroethene	ug/kg	<25.0	60.0	08/02/12 08:37	
trans-1,3-Dichloropropene	ug/kg	<25.0	60.0	08/02/12 08:37	
Trichloroethene	ug/kg	<25.0	60.0	08/02/12 08:37	
Trichlorofluoromethane	ug/kg	<25.0	60.0	08/02/12 08:37	
Vinyl chloride	ug/kg	<25.0	60.0	08/02/12 08:37	
4-Bromofluorobenzene (S)	%.	105	49-130	08/02/12 08:37	
Dibromofluoromethane (S)	%.	93	57-130	08/02/12 08:37	
Toluene-d8 (S)	%.	110	54-133	08/02/12 08:37	

LABORATORY CONTROL SAMPLE & LCSD: 646023 646024

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,1,1-Trichloroethane	ug/kg	2500	2530	2600	101	104	70-130	3	20	
1,1,2,2-Tetrachloroethane	ug/kg	2500	2510	2490	100	100	70-130	1	20	
1,1,2-Trichloroethane	ug/kg	2500	2540	2540	102	102	70-130	0	20	
1,1-Dichloroethane	ug/kg	2500	2560	2540	103	102	70-130	1	20	
1,1-Dichloroethene	ug/kg	2500	2500	2530	100	101	64-130	1	20	
1,2,4-Trichlorobenzene	ug/kg	2500	2480	2600	99	104	68-130	5	20	
1,2-Dibromo-3-chloropropane	ug/kg	2500	2000	2220	80	89	50-150	10	20	
1,2-Dibromoethane (EDB)	ug/kg	2500	2660	2640	107	105	70-130	1	20	
1,2-Dichlorobenzene	ug/kg	2500	2510	2540	100	102	70-130	2	20	
1,2-Dichloroethane	ug/kg	2500	2550	2610	102	105	70-130	2	20	
1,2-Dichloropropane	ug/kg	2500	2520	2590	101	104	70-130	3	20	
1,3-Dichlorobenzene	ug/kg	2500	2480	2550	99	102	70-130	3	20	
1,4-Dichlorobenzene	ug/kg	2500	2480	2520	99	101	70-130	2	20	
Benzene	ug/kg	2500	2550	2620	102	105	70-130	3	20	
Bromodichloromethane	ug/kg	2500	2300	2400	92	96	70-130	4	20	
Bromoform	ug/kg	2500	1910	2020	76	81	63-130	6	20	
Bromomethane	ug/kg	2500	2100	2160	84	87	41-142	3	20	
Carbon tetrachloride	ug/kg	2500	2460	2620	98	105	70-130	6	20	
Chlorobenzene	ug/kg	2500	2510	2550	101	102	70-130	1	20	
Chloroethane	ug/kg	2500	2170	2120	87	85	57-130	2	20	

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

LABORATORY CONTROL SAMPLE & LCSD: 646023 646024

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Chloroform	ug/kg	2500	2480	2570	99	103	70-130	4	20	
Chloromethane	ug/kg	2500	2320	2390	93	96	57-130	3	20	
cis-1,2-Dichloroethene	ug/kg	2500	2510	2580	100	103	70-130	3	20	
cis-1,3-Dichloropropene	ug/kg	2500	2230	2270	89	91	70-130	2	20	
Dibromochloromethane	ug/kg	2500	2140	2210	86	88	70-130	3	20	
Dichlorodifluoromethane	ug/kg	2500	1710	1700	68	68	31-150	1	20	
Ethylbenzene	ug/kg	2500	2630	2630	105	105	65-137	0	20	
Isopropylbenzene (Cumene)	ug/kg	2500	2670	2700	107	108	70-130	1	20	
m&p-Xylene	ug/kg	5000	5190	5140	104	103	64-139	1	20	
Methyl-tert-butyl ether	ug/kg	2500	2640	2730	106	109	69-130	3	20	
Methylene Chloride	ug/kg	2500	2510	2550	100	102	70-130	2	20	
o-Xylene	ug/kg	2500	2620	2620	105	105	63-135	0	20	
Styrene	ug/kg	2500	2610	2620	105	105	69-130	0	20	
Tetrachloroethene	ug/kg	2500	2470	2500	99	100	70-130	1	20	
Toluene	ug/kg	2500	2550	2570	102	103	70-130	1	20	
trans-1,2-Dichloroethene	ug/kg	2500	2400	2610	96	104	70-130	8	20	
trans-1,3-Dichloropropene	ug/kg	2500	2310	2380	92	95	70-130	3	20	
Trichloroethene	ug/kg	2500	2510	2580	100	103	70-130	3	20	
Trichlorofluoromethane	ug/kg	2500	2080	2120	83	85	50-150	2	20	
Vinyl chloride	ug/kg	2500	2380	2450	95	98	57-130	3	20	
4-Bromofluorobenzene (S)	%.				107	107	49-130			
Dibromofluoromethane (S)	%.				105	101	57-130			
Toluene-d8 (S)	%.				109	108	54-133			

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

QC Batch: OEXT/15435 — Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 — Analysis Description: 8270/3546 MSSV PAH by SIM
Associated Lab Samples: 4064149001, 4064149002, 4064149003, 4064149004, 4064149005, 4064149007

METHOD BLANK: 643967 — Matrix: Solid
Associated Lab Samples: 4064149001, 4064149002, 4064149003, 4064149004, 4064149005, 4064149007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<7.6	16.7	07/30/12 09:48	
2-Methylnaphthalene	ug/kg	<1.6	16.7	07/30/12 09:48	
Acenaphthene	ug/kg	<8.3	16.7	07/30/12 09:48	
Acenaphthylene	ug/kg	<8.3	16.7	07/30/12 09:48	
Anthracene	ug/kg	<1.7	16.7	07/30/12 09:48	
Benzo(a)anthracene	ug/kg	<8.3	16.7	07/30/12 09:48	
Benzo(a)pyrene	ug/kg	<8.3	16.7	07/30/12 09:48	
Benzo(b)fluoranthene	ug/kg	<2.4	16.7	07/30/12 09:48	
Benzo(g,h,i)perylene	ug/kg	<8.3	16.7	07/30/12 09:48	
Benzo(k)fluoranthene	ug/kg	<8.3	16.7	07/30/12 09:48	
Chrysene	ug/kg	<1.9	16.7	07/30/12 09:48	
Dibenz(a,h)anthracene	ug/kg	<8.3	16.7	07/30/12 09:48	
Fluoranthene	ug/kg	<8.3	16.7	07/30/12 09:48	
Fluorene	ug/kg	<8.3	16.7	07/30/12 09:48	
Indeno(1,2,3-cd)pyrene	ug/kg	<8.3	16.7	07/30/12 09:48	
Naphthalene	ug/kg	<3.1	16.7	07/30/12 09:48	
Phenanthrene	ug/kg	<2.1	16.7	07/30/12 09:48	
Pyrene	ug/kg	<8.3	16.7	07/30/12 09:48	
2-Fluorobiphenyl (S)	%.	79	43-130	07/30/12 09:48	
Terphenyl-d14 (S)	%.	80	32-130	07/30/12 09:48	

LABORATORY CONTROL SAMPLE: 643968

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	333	271	81	44-130	
2-Methylnaphthalene	ug/kg	333	264	79	45-130	
Acenaphthene	ug/kg	333	279	84	51-130	
Acenaphthylene	ug/kg	333	280	84	53-130	
Anthracene	ug/kg	333	302	91	48-130	
Benzo(a)anthracene	ug/kg	333	251	75	55-130	
Benzo(a)pyrene	ug/kg	333	282	85	56-130	
Benzo(b)fluoranthene	ug/kg	333	260	78	53-130	
Benzo(g,h,i)perylene	ug/kg	333	278	83	58-130	
Benzo(k)fluoranthene	ug/kg	333	284	85	55-130	
Chrysene	ug/kg	333	267	80	59-130	
Dibenz(a,h)anthracene	ug/kg	333	278	83	56-130	
Fluoranthene	ug/kg	333	277	83	56-130	
Fluorene	ug/kg	333	282	85	54-130	
Indeno(1,2,3-cd)pyrene	ug/kg	333	281	84	57-130	
Naphthalene	ug/kg	333	258	77	43-130	
Phenanthrene	ug/kg	333	273	82	56-130	

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

LABORATORY CONTROL SAMPLE: 643968

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/kg	333	275	82	54-130	
2-Fluorobiphenyl (S)	%.			77	43-130	
Terphenyl-d14 (S)	%.			74	32-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 643969 643970

Parameter	Units	4064148001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/kg	<9.4	411	411	289	323	69	77	35-130	11	30	
2-Methylnaphthalene	ug/kg	4.9J	411	411	283	324	67	77	39-130	14	33	
Acenaphthene	ug/kg	<10.3	411	411	290	455	68	108	40-130	44	20	D6
Acenaphthylene	ug/kg	<10.3	411	411	292	305	70	73	40-130	4	20	
Anthracene	ug/kg	31.7	411	411	293	575	64	132	46-130	65	24	D6,M1
Benzo(a)anthracene	ug/kg	33.0	411	411	227	520	47	118	42-130	79	25	D6
Benzo(a)pyrene	ug/kg	28.5	411	411	256	534	55	123	40-130	70	31	D6
Benzo(b)fluoranthene	ug/kg	23.2	411	411	245	455	54	105	45-130	60	29	D6
Benzo(g,h,i)perylene	ug/kg	14.5J	411	411	251	405	57	95	16-143	47	23	D6
Benzo(k)fluoranthene	ug/kg	25.4	411	411	252	500	55	115	38-130	66	33	D6
Chrysene	ug/kg	35.7	411	411	253	542	53	123	38-130	73	31	D6
Dibenz(a,h)anthracene	ug/kg	<10.3	411	411	248	313	59	75	30-135	23	23	
Fluoranthene	ug/kg	91.4	411	411	264	1120	42	250	42-133	124	28	D6,M1
Fluorene	ug/kg	<10.3	411	411	285	431	67	102	43-130	41	22	D6
Indeno(1,2,3-cd)pyrene	ug/kg	13.2J	411	411	254	385	58	90	15-150	41	27	D6
Naphthalene	ug/kg	8.5J	411	411	271	339	64	80	24-130	22	33	
Phenanthrene	ug/kg	86.3	411	411	270	1320	45	300	27-135	132	27	D6,M1
Pyrene	ug/kg	66.1	411	411	215	822	36	184	36-130	117	23	D6,M1
2-Fluorobiphenyl (S)	%.						71	70	43-130			
Terphenyl-d14 (S)	%.						51	56	32-130			

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

QC Batch: PMST/7365
QC Batch Method: ASTM D2974-87
Associated Lab Samples: 4064149001

Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture

SAMPLE DUPLICATE: 643421

Parameter	Units	4064149001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	15.6	15.2	3	10	

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

QC Batch: PMST/7390 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4064149002, 4064149003, 4064149004, 4064149005, 4064149006, 4064149007, 4064149008

SAMPLE DUPLICATE: 645021

Parameter	Units	4063977001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.1	18.1	0	10	

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QUALIFIERS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: MSSV/4820

[IP] Benzo(b)fluoranthene and benzo(k)fluoranthene were in the check standard but did not meet the resolution criteria in SW846 Method 8270C. Whereas sample results included are reported as Individual isomers, the lab and the customer must recognize them as an isomeric pair.

Batch: MSV/16052

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

D6 The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

W Non-detect results are reported on a wet weight basis.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4064149

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4064149002	DP-1 (10'-12')	TPH GRO/PVOC WI ext.	GCV/8755	WI MOD GRO	GCV/8756
4064149003	DP-2 (6'-8')	TPH GRO/PVOC WI ext.	GCV/8755	WI MOD GRO	GCV/8756
4064149004	DP-3 (7'-8')	TPH GRO/PVOC WI ext.	GCV/8755	WI MOD GRO	GCV/8756
4064149006	DP-4 (11'-12')	TPH GRO/PVOC WI ext.	GCV/8755	WI MOD GRO	GCV/8756
4064149008	DP-5 (7'-8')	TPH GRO/PVOC WI ext.	GCV/8755	WI MOD GRO	GCV/8756
4064149001	DP-1 (4'-6')	EPA 3050	MPRP/7263	EPA 6010	ICP/6300
4064149005	DP-4 (8'-9')	EPA 3050	MPRP/7263	EPA 6010	ICP/6300
4064149007	DP-5 (3'-4')	EPA 3050	MPRP/7263	EPA 6010	ICP/6300
4064149001	DP-1 (4'-6')	EPA 3546	OEXT/15435	EPA 8270 by SIM	MSSV/4820
4064149002	DP-1 (10'-12')	EPA 3546	OEXT/15435	EPA 8270 by SIM	MSSV/4820
4064149003	DP-2 (6'-8')	EPA 3546	OEXT/15435	EPA 8270 by SIM	MSSV/4820
4064149004	DP-3 (7'-8')	EPA 3546	OEXT/15435	EPA 8270 by SIM	MSSV/4820
4064149005	DP-4 (8'-9')	EPA 3546	OEXT/15435	EPA 8270 by SIM	MSSV/4820
4064149007	DP-5 (3'-4')	EPA 3546	OEXT/15435	EPA 8270 by SIM	MSSV/4820
4064149001	DP-1 (4'-6')	EPA 5035/5030B	MSV/16049	EPA 8260	MSV/16052
4064149005	DP-4 (8'-9')	EPA 5035/5030B	MSV/16049	EPA 8260	MSV/16052
4064149007	DP-5 (3'-4')	EPA 5035/5030B	MSV/16049	EPA 8260	MSV/16052
4064149001	DP-1 (4'-6')	ASTM D2974-87	PMST/7365		
4064149002	DP-1 (10'-12')	ASTM D2974-87	PMST/7390		
4064149003	DP-2 (6'-8')	ASTM D2974-87	PMST/7390		
4064149004	DP-3 (7'-8')	ASTM D2974-87	PMST/7390		
4064149005	DP-4 (8'-9')	ASTM D2974-87	PMST/7390		
4064149006	DP-4 (11'-12')	ASTM D2974-87	PMST/7390		
4064149007	DP-5 (3'-4')	ASTM D2974-87	PMST/7390		
4064149008	DP-5 (7'-8')	ASTM D2974-87	PMST/7390		

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CHAIN OF CUSTODY

4064149

(Please Print Clearly)	
Company Name:	ChemReport, Inc
Branch/Location:	Kenosha
Project Contact:	Sean Cranley
Phone:	(262) 654-7020
Project Number:	
Project Name:	Parks Pioneer (Silver Steel)
Project State:	WI
Sampled By (Print):	Sean Cranley
Sampled By (Sign):	
PO #:	Regulatory Program: PECFA

Quote #:	PECFA U+C
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	PVOCs F	PAHs A	VOCs F	Lead A					CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	DP-1 (4'-6')	7/25/12	9:~~45~~	S				X	X	X						1-40mlF; 1-4ozagA; 1-4ozpA	
002	DP-1 (10'-12')	↓	9:55	↓			X	X								↓ ↓	
003	DP-2 (6'-8')		10:25				X	X									
004	DP-3 (7'-8')		10:55				X	X									
005	DP-4 (8'-9')		11:35					X	X	X						; 1-4ozpA	
006	DP-4 (11'-12')		11:40				X										
007	DP-5 (3'-4')		11:50					X	X	X						; 1-4ozpA	
008	DP-5 (7'-8')	✓	12:00	✓			X									✓ ✓	

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):
Email #1: scranley@chemreport.com
Email #2:
Telephone:
Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	7/26/12 11:40	Mary Fanna	7/26/12 11:40
Mary Fanna	7/26/12 1540		
CS Logistics	7/27/12 1035	E Helling Pace GB	7/27/12 1035

PACE Project No. 4064149
Receipt Temp = ROI °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present Intact / Not Intact

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Sample Condition Upon Receipt

Client Name: Chem Reports Project # 40604149

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☑ Commercial ☐ Pace Other CS Logistics

Tracking #:

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals intact: ☑ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None Other

Thermometer Used N/A Type of Ice: (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun.

Cooler Temperature ROI Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 7/27/12
Initials: EMH

Temp should be above freezing to 6°C for all sample except Biota.
Biota Samples should be received ≤ 0°C.

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC: EMH 7/27/12	~~☑Yes~~ (☑No) ☐N/A	12. No dates or times on samples EMH 7/27/12
-Includes date/time/ID/Analysis Matrix: S		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.
Trip Blank Present:	☐Yes ☐No ☑N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: Date: 7/27/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

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December 14, 2012

Sean Cranley
Chem Reports, Inc.
4515 Washington Road
Kenosha, WI 53144

RE: Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

Dear Sean Cranley:
Enclosed are the analytical results for sample(s) received by the laboratory on December 04, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kang Khang

kang.khang@pacelabs.com
Project Manager

Enclosures

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

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SAMPLE SUMMARY

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4071374001	SB-3 (12'-14')	Solid	11/29/12 11:40	12/04/12 10:05
4071374002	SB-4 (9'-11')	Solid	11/29/12 12:55	12/04/12 10:05
4071374003	SB-5 (8'-10')	Solid	11/29/12 13:30	12/04/12 10:05
4071374004	SB-6 (10'-12')	Solid	11/30/12 09:25	12/04/12 10:05

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SAMPLE ANALYTE COUNT

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4071374001	SB-3 (12'-14')	WI MOD GRO	PMS	9	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		ASTM D2974-87	BLF	1	PASI-G
4071374002	SB-4 (9'-11')	WI MOD GRO	PMS	9	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		ASTM D2974-87	BLF	1	PASI-G
4071374003	SB-5 (8'-10')	WI MOD GRO	PMS	9	PASI-G
		EPA 6010	DLB	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		ASTM D2974-87	BLF	1	PASI-G
4071374004	SB-6 (10'-12')	WI MOD GRO	PMS	9	PASI-G
		EPA 6010	MMZ	1	PASI-G
		EPA 8270 by SIM	ARO	20	PASI-G
		ASTM D2974-87	BLF	1	PASI-G

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

Sample: SB-3 (12'-14') **Lab ID: 4071374001** Collected: 11/29/12 11:40 Received: 12/04/12 10:05 Matrix: Solid
Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 20:45	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 20:45	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 20:45	1634-04-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 20:45	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 20:45	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 20:45	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/05/12 09:33	12/05/12 20:45	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 20:45	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	98	%.	80-120		1	12/05/12 09:33	12/05/12 20:45	98-08-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**8.2**	mg/kg	1.1	0.29	1	12/06/12 16:15	12/07/12 10:56	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<9.5**	ug/kg	19.1	9.5	1	12/11/12 12:00	12/11/12 16:06	83-32-9	
Acenaphthylene	**<9.5**	ug/kg	19.1	9.5	1	12/11/12 12:00	12/11/12 16:06	208-96-8	
Anthracene	**<2.0**	ug/kg	19.1	2.0	1	12/11/12 12:00	12/11/12 16:06	120-12-7	
Benzo(a)anthracene	**<9.5**	ug/kg	19.1	9.5	1	12/11/12 12:00	12/11/12 16:06	56-55-3	
Benzo(a)pyrene	**<9.5**	ug/kg	19.1	9.5	1	12/11/12 12:00	12/11/12 16:06	50-32-8	
Benzo(b)fluoranthene	**<2.8**	ug/kg	19.1	2.8	1	12/11/12 12:00	12/11/12 16:06	205-99-2	
Benzo(g,h,i)perylene	**<9.5**	ug/kg	19.1	9.5	1	12/11/12 12:00	12/11/12 16:06	191-24-2	
Benzo(k)fluoranthene	**<9.5**	ug/kg	19.1	9.5	1	12/11/12 12:00	12/11/12 16:06	207-08-9	
Chrysene	**5.8J**	ug/kg	19.1	2.2	1	12/11/12 12:00	12/11/12 16:06	218-01-9	
Dibenz(a,h)anthracene	**<9.5**	ug/kg	19.1	9.5	1	12/11/12 12:00	12/11/12 16:06	53-70-3	
Fluoranthene	**<9.5**	ug/kg	19.1	9.5	1	12/11/12 12:00	12/11/12 16:06	206-44-0	
Fluorene	**<9.5**	ug/kg	19.1	9.5	1	12/11/12 12:00	12/11/12 16:06	86-73-7	
Indeno(1,2,3-cd)pyrene	**<9.5**	ug/kg	19.1	9.5	1	12/11/12 12:00	12/11/12 16:06	193-39-5	
1-Methylnaphthalene	**<8.7**	ug/kg	19.1	8.7	1	12/11/12 12:00	12/11/12 16:06	90-12-0	
2-Methylnaphthalene	**2.2J**	ug/kg	19.1	1.8	1	12/11/12 12:00	12/11/12 16:06	91-57-6	
Naphthalene	**<3.6**	ug/kg	19.1	3.6	1	12/11/12 12:00	12/11/12 16:06	91-20-3	
Phenanthrene	**3.4J**	ug/kg	19.1	2.4	1	12/11/12 12:00	12/11/12 16:06	85-01-8	
Pyrene	**<9.5**	ug/kg	19.1	9.5	1	12/11/12 12:00	12/11/12 16:06	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	91	%.	43-130		1	12/11/12 12:00	12/11/12 16:06	321-60-8	
Terphenyl-d14 (S)	99	%.	32-130		1	12/11/12 12:00	12/11/12 16:06	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.6**	%	0.10	0.10	1		12/12/12 15:48		

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

Sample: SB-4 (9'-11') **Lab ID: 4071374002** Collected: 11/29/12 12:55 Received: 12/04/12 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 13:55	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 13:55	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 13:55	1634-04-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 13:55	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 13:55	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 13:55	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/05/12 09:33	12/05/12 13:55	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 13:55	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%.	80-120		1	12/05/12 09:33	12/05/12 13:55	98-08-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**8.6**	mg/kg	0.98	0.25	1	12/06/12 16:15	12/07/12 11:03	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<9.7**	ug/kg	19.3	9.7	1	12/11/12 12:00	12/11/12 16:24	83-32-9	
Acenaphthylene	**<9.7**	ug/kg	19.3	9.7	1	12/11/12 12:00	12/11/12 16:24	208-96-8	
Anthracene	**<2.0**	ug/kg	19.3	2.0	1	12/11/12 12:00	12/11/12 16:24	120-12-7	
Benzo(a)anthracene	**<9.7**	ug/kg	19.3	9.7	1	12/11/12 12:00	12/11/12 16:24	56-55-3	
Benzo(a)pyrene	**<9.7**	ug/kg	19.3	9.7	1	12/11/12 12:00	12/11/12 16:24	50-32-8	
Benzo(b)fluoranthene	**<2.8**	ug/kg	19.3	2.8	1	12/11/12 12:00	12/11/12 16:24	205-99-2	
Benzo(g,h,i)perylene	**<9.7**	ug/kg	19.3	9.7	1	12/11/12 12:00	12/11/12 16:24	191-24-2	
Benzo(k)fluoranthene	**<9.7**	ug/kg	19.3	9.7	1	12/11/12 12:00	12/11/12 16:24	207-08-9	
Chrysene	**3.6J**	ug/kg	19.3	2.2	1	12/11/12 12:00	12/11/12 16:24	218-01-9	
Dibenz(a,h)anthracene	**<9.7**	ug/kg	19.3	9.7	1	12/11/12 12:00	12/11/12 16:24	53-70-3	
Fluoranthene	**<9.7**	ug/kg	19.3	9.7	1	12/11/12 12:00	12/11/12 16:24	206-44-0	
Fluorene	**<9.7**	ug/kg	19.3	9.7	1	12/11/12 12:00	12/11/12 16:24	86-73-7	
Indeno(1,2,3-cd)pyrene	**<9.7**	ug/kg	19.3	9.7	1	12/11/12 12:00	12/11/12 16:24	193-39-5	
1-Methylnaphthalene	**<8.8**	ug/kg	19.3	8.8	1	12/11/12 12:00	12/11/12 16:24	90-12-0	
2-Methylnaphthalene	**<1.8**	ug/kg	19.3	1.8	1	12/11/12 12:00	12/11/12 16:24	91-57-6	
Naphthalene	**<3.6**	ug/kg	19.3	3.6	1	12/11/12 12:00	12/11/12 16:24	91-20-3	
Phenanthrene	**<2.5**	ug/kg	19.3	2.5	1	12/11/12 12:00	12/11/12 16:24	85-01-8	
Pyrene	**<9.7**	ug/kg	19.3	9.7	1	12/11/12 12:00	12/11/12 16:24	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	80	%.	43-130		1	12/11/12 12:00	12/11/12 16:24	321-60-8	
Terphenyl-d14 (S)	87	%.	32-130		1	12/11/12 12:00	12/11/12 16:24	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.8**	%	0.10	0.10	1		12/12/12 15:49		

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

Sample: SB-5 (8'-10') **Lab ID: 4071374003** Collected: 11/29/12 13:30 Received: 12/04/12 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 21:10	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 21:10	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 21:10	1634-04-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 21:10	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 21:10	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 21:10	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/05/12 09:33	12/05/12 21:10	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 21:10	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	98	%.	80-120		1	12/05/12 09:33	12/05/12 21:10	98-08-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**7.6**	mg/kg	1.1	0.29	1	12/06/12 16:15	12/07/12 11:05	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<9.6**	ug/kg	19.3	9.6	1	12/11/12 12:00	12/11/12 16:41	83-32-9	
Acenaphthylene	**<9.6**	ug/kg	19.3	9.6	1	12/11/12 12:00	12/11/12 16:41	208-96-8	
Anthracene	**<2.0**	ug/kg	19.3	2.0	1	12/11/12 12:00	12/11/12 16:41	120-12-7	
Benzo(a)anthracene	**<9.6**	ug/kg	19.3	9.6	1	12/11/12 12:00	12/11/12 16:41	56-55-3	
Benzo(a)pyrene	**<9.6**	ug/kg	19.3	9.6	1	12/11/12 12:00	12/11/12 16:41	50-32-8	
Benzo(b)fluoranthene	**<2.8**	ug/kg	19.3	2.8	1	12/11/12 12:00	12/11/12 16:41	205-99-2	
Benzo(g,h,i)perylene	**<9.6**	ug/kg	19.3	9.6	1	12/11/12 12:00	12/11/12 16:41	191-24-2	
Benzo(k)fluoranthene	**<9.6**	ug/kg	19.3	9.6	1	12/11/12 12:00	12/11/12 16:41	207-08-9	
Chrysene	**<2.2**	ug/kg	19.3	2.2	1	12/11/12 12:00	12/11/12 16:41	218-01-9	
Dibenz(a,h)anthracene	**<9.6**	ug/kg	19.3	9.6	1	12/11/12 12:00	12/11/12 16:41	53-70-3	
Fluoranthene	**<9.6**	ug/kg	19.3	9.6	1	12/11/12 12:00	12/11/12 16:41	206-44-0	
Fluorene	**<9.6**	ug/kg	19.3	9.6	1	12/11/12 12:00	12/11/12 16:41	86-73-7	
Indeno(1,2,3-cd)pyrene	**<9.6**	ug/kg	19.3	9.6	1	12/11/12 12:00	12/11/12 16:41	193-39-5	
1-Methylnaphthalene	**<8.8**	ug/kg	19.3	8.8	1	12/11/12 12:00	12/11/12 16:41	90-12-0	
2-Methylnaphthalene	**<1.8**	ug/kg	19.3	1.8	1	12/11/12 12:00	12/11/12 16:41	91-57-6	
Naphthalene	**<3.6**	ug/kg	19.3	3.6	1	12/11/12 12:00	12/11/12 16:41	91-20-3	
Phenanthrene	**<2.5**	ug/kg	19.3	2.5	1	12/11/12 12:00	12/11/12 16:41	85-01-8	
Pyrene	**<9.6**	ug/kg	19.3	9.6	1	12/11/12 12:00	12/11/12 16:41	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	90	%.	43-130		1	12/11/12 12:00	12/11/12 16:41	321-60-8	
Terphenyl-d14 (S)	105	%.	32-130		1	12/11/12 12:00	12/11/12 16:41	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.5**	%	0.10	0.10	1		12/12/12 15:49		

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ANALYTICAL RESULTS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

Sample: SB-6 (10'-12') **Lab ID: 4071374004** Collected: 11/30/12 09:25 Received: 12/04/12 10:05 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO Preparation Method: TPH GRO/PVOC WI ext.								
Benzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 15:38	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 15:38	100-41-4	W
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 15:38	1634-04-4	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 15:38	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 15:38	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 15:38	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	12/05/12 09:33	12/05/12 15:38	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	12/05/12 09:33	12/05/12 15:38	95-47-6	W
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%.	80-120		1	12/05/12 09:33	12/05/12 15:38	98-08-8	
6010 MET ICP	Analytical Method: EPA 6010 Preparation Method: EPA 3050								
Lead	**6.8**	mg/kg	1.1	0.28	1	12/07/12 10:30	12/10/12 11:05	7439-92-1	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3546								
Acenaphthene	**<9.6**	ug/kg	19.2	9.6	1	12/11/12 12:00	12/11/12 16:59	83-32-9	
Acenaphthylene	**<9.6**	ug/kg	19.2	9.6	1	12/11/12 12:00	12/11/12 16:59	208-96-8	
Anthracene	**<2.0**	ug/kg	19.2	2.0	1	12/11/12 12:00	12/11/12 16:59	120-12-7	
Benzo(a)anthracene	**<9.6**	ug/kg	19.2	9.6	1	12/11/12 12:00	12/11/12 16:59	56-55-3	
Benzo(a)pyrene	**<9.6**	ug/kg	19.2	9.6	1	12/11/12 12:00	12/11/12 16:59	50-32-8	
Benzo(b)fluoranthene	**9.5J**	ug/kg	19.2	2.8	1	12/11/12 12:00	12/11/12 16:59	205-99-2	
Benzo(g,h,i)perylene	**<9.6**	ug/kg	19.2	9.6	1	12/11/12 12:00	12/11/12 16:59	191-24-2	
Benzo(k)fluoranthene	**<9.6**	ug/kg	19.2	9.6	1	12/11/12 12:00	12/11/12 16:59	207-08-9	
Chrysene	**16.2J**	ug/kg	19.2	2.2	1	12/11/12 12:00	12/11/12 16:59	218-01-9	
Dibenz(a,h)anthracene	**<9.6**	ug/kg	19.2	9.6	1	12/11/12 12:00	12/11/12 16:59	53-70-3	
Fluoranthene	**14.0J**	ug/kg	19.2	9.6	1	12/11/12 12:00	12/11/12 16:59	206-44-0	
Fluorene	**<9.6**	ug/kg	19.2	9.6	1	12/11/12 12:00	12/11/12 16:59	86-73-7	
Indeno(1,2,3-cd)pyrene	**<9.6**	ug/kg	19.2	9.6	1	12/11/12 12:00	12/11/12 16:59	193-39-5	
1-Methylnaphthalene	**<8.8**	ug/kg	19.2	8.8	1	12/11/12 12:00	12/11/12 16:59	90-12-0	
2-Methylnaphthalene	**<1.8**	ug/kg	19.2	1.8	1	12/11/12 12:00	12/11/12 16:59	91-57-6	
Naphthalene	**<3.6**	ug/kg	19.2	3.6	1	12/11/12 12:00	12/11/12 16:59	91-20-3	
Phenanthrene	**5.8J**	ug/kg	19.2	2.5	1	12/11/12 12:00	12/11/12 16:59	85-01-8	
Pyrene	**13.1J**	ug/kg	19.2	9.6	1	12/11/12 12:00	12/11/12 16:59	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	89	%.	43-130		1	12/11/12 12:00	12/11/12 16:59	321-60-8	
Terphenyl-d14 (S)	97	%.	32-130		1	12/11/12 12:00	12/11/12 16:59	1718-51-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**13.4**	%	0.10	0.10	1		12/12/12 15:49		

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

QC Batch: GCV/9431 Analysis Method: WI MOD GRO
QC Batch Method: TPH GRO/PVOC WI ext. Analysis Description: WIGRO Solid GCV
Associated Lab Samples: 4071374001, 4071374002, 4071374003, 4071374004

METHOD BLANK: 722270 Matrix: Solid
Associated Lab Samples: 4071374001, 4071374002, 4071374003, 4071374004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	12/05/12 11:14	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	12/05/12 11:14	
Benzene	ug/kg	<25.0	60.0	12/05/12 11:14	
Ethylbenzene	ug/kg	<25.0	60.0	12/05/12 11:14	
m&p-Xylene	ug/kg	<50.0	120	12/05/12 11:14	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	12/05/12 11:14	
o-Xylene	ug/kg	<25.0	60.0	12/05/12 11:14	
Toluene	ug/kg	<25.0	60.0	12/05/12 11:14	
a,a,a-Trifluorotoluene (S)	%.	99	80-120	12/05/12 11:14	

LABORATORY CONTROL SAMPLE & LCSD: 722271 722272

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	1000	1060	1080	106	108	80-120	2	20	
1,3,5-Trimethylbenzene	ug/kg	1000	1060	1070	106	107	80-120	1	20	
Benzene	ug/kg	1000	1080	1090	108	109	80-120	1	20	
Ethylbenzene	ug/kg	1000	1040	1050	104	105	80-120	1	20	
m&p-Xylene	ug/kg	2000	2090	2110	105	106	80-120	1	20	
Methyl-tert-butyl ether	ug/kg	1000	1010	1020	101	102	80-120	1	20	
o-Xylene	ug/kg	1000	1050	1050	105	105	80-120	1	20	
Toluene	ug/kg	1000	1050	1060	105	106	80-120	1	20	
a,a,a-Trifluorotoluene (S)	%.				101	102	80-120			

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

QC Batch: MPRP/7898 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 4071374001, 4071374002, 4071374003

METHOD BLANK: 723337 Matrix: Solid
Associated Lab Samples: 4071374001, 4071374002, 4071374003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/kg	<0.25	1.0	12/07/12 10:38	

LABORATORY CONTROL SAMPLE: 723338

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	50	51.6	103	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 723339 723340

Parameter	Units	4071374001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/kg	8.2	57.1	56.8	57.0	56.6	86	85	75-125	1	20	

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

QC Batch: MPRP/7901 | Analysis Method: EPA 6010
QC Batch Method: EPA 3050 | Analysis Description: 6010 MET
Associated Lab Samples: 4071374004

METHOD BLANK: 723722 | Matrix: Solid
Associated Lab Samples: 4071374004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Lead	mg/kg	<0.25	1.0	12/10/12 10:36	

LABORATORY CONTROL SAMPLE: 723723

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Lead	mg/kg	50	49.8	100	80-120	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 723724 723725

Parameter	Units	4071430002 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Lead	mg/kg	5.2	52.3	52.4	53.9	52.3	93	90	75-125	3	20	

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(920)469-2436

QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

QC Batch: OEXT/17157 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3546 Analysis Description: 8270/3546 MSSV PAH by SIM
Associated Lab Samples: 4071374001, 4071374002, 4071374003, 4071374004

METHOD BLANK: 725035 Matrix: Solid
Associated Lab Samples: 4071374001, 4071374002, 4071374003, 4071374004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/kg	<7.6	16.7	12/11/12 09:41	
2-Methylnaphthalene	ug/kg	<1.6	16.7	12/11/12 09:41	
Acenaphthene	ug/kg	<8.3	16.7	12/11/12 09:41	
Acenaphthylene	ug/kg	<8.3	16.7	12/11/12 09:41	
Anthracene	ug/kg	<1.7	16.7	12/11/12 09:41	
Benzo(a)anthracene	ug/kg	<8.3	16.7	12/11/12 09:41	
Benzo(a)pyrene	ug/kg	<8.3	16.7	12/11/12 09:41	
Benzo(b)fluoranthene	ug/kg	<2.4	16.7	12/11/12 09:41	
Benzo(g,h,i)perylene	ug/kg	<8.3	16.7	12/11/12 09:41	
Benzo(k)fluoranthene	ug/kg	<8.3	16.7	12/11/12 09:41	
Chrysene	ug/kg	<1.9	16.7	12/11/12 09:41	
Dibenz(a,h)anthracene	ug/kg	<8.3	16.7	12/11/12 09:41	
Fluoranthene	ug/kg	<8.3	16.7	12/11/12 09:41	
Fluorene	ug/kg	<8.3	16.7	12/11/12 09:41	
Indeno(1,2,3-cd)pyrene	ug/kg	<8.3	16.7	12/11/12 09:41	
Naphthalene	ug/kg	<3.1	16.7	12/11/12 09:41	
Phenanthrene	ug/kg	<2.1	16.7	12/11/12 09:41	
Pyrene	ug/kg	<8.3	16.7	12/11/12 09:41	
2-Fluorobiphenyl (S)	%.	74	43-130	12/11/12 09:41	
Terphenyl-d14 (S)	%.	84	32-130	12/11/12 09:41	

LABORATORY CONTROL SAMPLE: 725036

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/kg	333	242	73	44-130	
2-Methylnaphthalene	ug/kg	333	242	72	45-130	
Acenaphthene	ug/kg	333	248	74	51-130	
Acenaphthylene	ug/kg	333	264	79	53-130	
Anthracene	ug/kg	333	281	84	48-130	
Benzo(a)anthracene	ug/kg	333	257	77	55-130	
Benzo(a)pyrene	ug/kg	333	270	81	56-130	
Benzo(b)fluoranthene	ug/kg	333	248	74	53-130	
Benzo(g,h,i)perylene	ug/kg	333	256	77	58-130	
Benzo(k)fluoranthene	ug/kg	333	258	77	55-130	
Chrysene	ug/kg	333	257	77	59-130	
Dibenz(a,h)anthracene	ug/kg	333	262	79	56-130	
Fluoranthene	ug/kg	333	274	82	56-130	
Fluorene	ug/kg	333	265	79	54-130	
Indeno(1,2,3-cd)pyrene	ug/kg	333	260	78	57-130	
Naphthalene	ug/kg	333	228	68	43-130	
Phenanthrene	ug/kg	333	272	81	56-130	

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

LABORATORY CONTROL SAMPLE: 725036

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Pyrene	ug/kg	333	257	77	54-130	
2-Fluorobiphenyl (S)	%.			74	43-130	
Terphenyl-d14 (S)	%.			76	32-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 725037 725038

Parameter	Units	4071549001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/kg	<8.1	357	357	313	324	88	91	35-130	4	30	
2-Methylnaphthalene	ug/kg	<1.7	357	357	310	320	87	89	39-130	3	33	
Acenaphthene	ug/kg	<8.9	357	357	317	329	89	92	40-130	4	20	
Acenaphthylene	ug/kg	<8.9	357	357	341	352	96	98	40-130	3	20	
Anthracene	ug/kg	<1.8	357	357	369	390	103	109	46-130	6	24	
Benzo(a)anthracene	ug/kg	<8.9	357	357	319	326	89	91	42-130	2	25	
Benzo(a)pyrene	ug/kg	<8.9	357	357	354	369	99	103	40-130	4	31	
Benzo(b)fluoranthene	ug/kg	<2.6	357	357	333	333	93	93	45-130	0	29	
Benzo(g,h,i)perylene	ug/kg	<8.9	357	357	315	338	88	95	16-143	7	23	
Benzo(k)fluoranthene	ug/kg	<8.9	357	357	329	376	92	105	38-130	13	33	
Chrysene	ug/kg	<2.0	357	357	323	322	90	90	38-130	0	31	
Dibenz(a,h)anthracene	ug/kg	<8.9	357	357	322	344	90	96	30-135	6	23	
Fluoranthene	ug/kg	<8.9	357	357	347	364	97	102	42-133	5	28	
Fluorene	ug/kg	<8.9	357	357	336	348	94	97	43-130	3	22	
Indeno(1,2,3-cd)pyrene	ug/kg	<8.9	357	357	324	345	91	97	15-150	6	27	
Naphthalene	ug/kg	<3.4	357	357	297	294	83	82	24-130	1	33	
Phenanthrene	ug/kg	<2.3	357	357	343	361	96	101	27-135	5	27	
Pyrene	ug/kg	<8.9	357	357	321	327	89	91	36-130	2	23	
2-Fluorobiphenyl (S)	%.						90	91	43-130			
Terphenyl-d14 (S)	%.						96	98	32-130			

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QUALITY CONTROL DATA

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

QC Batch: PMST/8029 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4071374001, 4071374002, 4071374003, 4071374004

SAMPLE DUPLICATE: 726032

Parameter	Units	4071374001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	12.6	12.6	0	10	

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QUALIFIERS

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: MSSV/5263

[IP] Benzo(b)fluoranthene and benzo(k)fluoranthene were in the check standard but did not meet the resolution criteria in SW846 Method 8270C. Whereas sample results included are reported as individual isomers, the lab and the customer must recognize them as an isomeric pair.

ANALYTE QUALIFIERS

W Non-detect results are reported on a wet weight basis.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PARKS PIONEER (SILVER STEEL)
Pace Project No.: 4071374

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4071374001	SB-3 (12'-14')	TPH GRO/PVOC WI ext.	GCV/9431	WI MOD GRO	GCV/9436
4071374002	SB-4 (9'-11')	TPH GRO/PVOC WI ext.	GCV/9431	WI MOD GRO	GCV/9436
4071374003	SB-5 (8'-10')	TPH GRO/PVOC WI ext.	GCV/9431	WI MOD GRO	GCV/9436
4071374004	SB-6 (10'-12')	TPH GRO/PVOC WI ext.	GCV/9431	WI MOD GRO	GCV/9436
4071374001	SB-3 (12'-14')	EPA 3050	MPRP/7898	EPA 6010	ICP/6918
4071374002	SB-4 (9'-11')	EPA 3050	MPRP/7898	EPA 6010	ICP/6918
4071374003	SB-5 (8'-10')	EPA 3050	MPRP/7898	EPA 6010	ICP/6918
4071374004	SB-6 (10'-12')	EPA 3050	MPRP/7901	EPA 6010	ICP/6922
4071374001	SB-3 (12'-14')	EPA 3546	OEXT/17157	EPA 8270 by SIM	MSSV/5263
4071374002	SB-4 (9'-11')	EPA 3546	OEXT/17157	EPA 8270 by SIM	MSSV/5263
4071374003	SB-5 (8'-10')	EPA 3546	OEXT/17157	EPA 8270 by SIM	MSSV/5263
4071374004	SB-6 (10'-12')	EPA 3546	OEXT/17157	EPA 8270 by SIM	MSSV/5263
4071374001	SB-3 (12'-14')	ASTM D2974-87	PMST/8029		
4071374002	SB-4 (9'-11')	ASTM D2974-87	PMST/8029		
4071374003	SB-5 (8'-10')	ASTM D2974-87	PMST/8029		
4071374004	SB-6 (10'-12')	ASTM D2974-87	PMST/8029		

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UPPER MIDWEST REGION
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CHAIN OF CUSTODY

4071374

(Please Print Clearly)	
Company Name:	Chem Report, Inc.
Branch/Location:	Kenosha
Project Contact:	Sean Crowley
Phone:	(262) 654-7020
Project Number:	Parks Pioneer (Silver Steel)
Project Name:	
Project State:	WI
Sampled By (Print):	Sean Crowley
Sampled By (Sign):	Sean Crowley
PO #:	
Regulatory Program:	PECFA

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Quote #:	PECFA UFC
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested: PVOCs	Lead	PAHs	CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
	FILTERED? (YES/NO) Y/N									
	PRESERVATION (CODE)* Pick Letter				F	A	A			
001	SB-3 (12'-14')	11/29/12	11:40	S	X	X	X		1-40mlF, 1-4ozpA	
002	SB-4 (9'-11')		12:55							
003	SB-5 (8'-10')		1:30							
004	SB-6 (10'-12')	11/30/12	9:25							

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	SCrowley@chemreport.com
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
Sean Crowley	12/3/12 11:27	Mary Fannin	12/3/12 11:27
Mary Fannin	12/3/12 14:00		
CSLogistics	12/4/12 1005	E. Hedwig Pace GB	12/4/12 1005

PACE Project No. 4071374

Receipt Temp = ROT °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal: Present / Not Present; Intact / Not Intact

Version 6.0 06/14/06

C019a(27 Jun2006)

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Green Bay, WI 54302

Pace Analytical

Sample Condition Upon Receipt

Client Name: ChemReport Project # 4071374

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☑ Commercial ☐ Pace Other CSLogistics

Tracking #:

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals intact: ☑ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None Other

Thermometer Used N/A **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature ROT **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☑ yes ☐ no

Temp should be above freezing to 6°C for all sample except Biota.
Biota Samples should be received ≤ 0°C.

Person examining contents:
Date: 12/4/12
Initials: EMH

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	~~☑Yes~~ (☑No) ☐N/A	12. No dates or times on samples EMH 12/4/12
-Includes date/time/ID/Analysis Matrix: S		
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☐No	Initial when completed / Lot # of added preservative
Samples checked for dechlorination:	☐Yes ☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☐No ☑N/A	15.
Trip Blank Present:	☐Yes ☐No ☑N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: Date: 12/4/12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

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June 26, 2014

Sean Cranley
Chem Report, Inc.
9725 12th Street
Kenosha, WI 53144

RE: Project: PARKS PIONEER
Pace Project No.: 4098134

Dear Sean Cranley:
Enclosed are the analytical results for sample(s) received by the laboratory on June 17, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kang Khang
kang.khang@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: PARKS PIONEER
Pace Project No.: 4098134

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

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SAMPLE SUMMARY

Project: PARKS PIONEER
Pace Project No.: 4098134

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4098134001	MW-1	Water	06/06/14 12:10	06/17/14 08:50
4098134002	MW-2	Water	06/06/14 14:15	06/17/14 08:50
4098134003	MW-3	Water	06/06/14 12:05	06/17/14 08:50
4098134004	MW-4	Water	06/06/14 12:00	06/17/14 08:50
4098134005	MW-5	Water	06/06/14 11:55	06/17/14 08:50
4098134006	MW-6	Water	06/06/14 11:50	06/17/14 08:50

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SAMPLE ANALYTE COUNT

Project: PARKS PIONEER
Pace Project No.: 4098134

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
4098134001	MW-1	WI MOD GRO	LCF	10	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G
4098134002	MW-2	WI MOD GRO	LCF	10	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G
4098134003	MW-3	WI MOD GRO	LCF	10	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G
4098134004	MW-4	WI MOD GRO	LCF	10	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G
4098134005	MW-5	WI MOD GRO	LCF	10	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G
4098134006	MW-6	WI MOD GRO	LCF	10	PASI-G
		EPA 8270 by SIM	RJN	20	PASI-G

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ANALYTICAL RESULTS

Project: PARKS PIONEER
Pace Project No.: 4098134

Sample: MW-1 **Lab ID: 4098134001** Collected: 06/06/14 12:10 Received: 06/17/14 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**6.1**	ug/L	1.0	0.40	1		06/20/14 06:13	71-43-2	
Ethylbenzene	**64.1**	ug/L	1.0	0.39	1		06/20/14 06:13	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		06/20/14 06:13	1634-04-4	
Naphthalene	**8.1**	ug/L	1.0	0.42	1		06/20/14 06:13	91-20-3	
Toluene	**10.0**	ug/L	1.0	0.39	1		06/20/14 06:13	108-88-3	
1,2,4-Trimethylbenzene	**15.2**	ug/L	1.0	0.42	1		06/20/14 06:13	95-63-6	
1,3,5-Trimethylbenzene	**10.5**	ug/L	1.0	0.42	1		06/20/14 06:13	108-67-8	
m&p-Xylene	**28.4**	ug/L	2.0	0.80	1		06/20/14 06:13	179601-23-1	
o-Xylene	**3.9**	ug/L	1.0	0.45	1		06/20/14 06:13	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	107	%	80-120		1		06/20/14 06:13	98-08-8	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**0.0073J**	ug/L	0.047	0.0068	1	06/24/14 07:49	06/24/14 12:02	83-32-9	H3
Acenaphthylene	**<0.0063**	ug/L	0.047	0.0063	1	06/24/14 07:49	06/24/14 12:02	208-96-8	H3
Anthracene	**0.054**	ug/L	0.047	0.0067	1	06/24/14 07:49	06/24/14 12:02	120-12-7	H3
Benzo(a)anthracene	**0.036J**	ug/L	0.047	0.0053	1	06/24/14 07:49	06/24/14 12:02	56-55-3	H3
Benzo(a)pyrene	**0.039J**	ug/L	0.047	0.0087	1	06/24/14 07:49	06/24/14 12:02	50-32-8	H3
Benzo(b)fluoranthene	**0.060**	ug/L	0.047	0.0062	1	06/24/14 07:49	06/24/14 12:02	205-99-2	H3
Benzo(g,h,i)perylene	**0.046J**	ug/L	0.047	0.0037	1	06/24/14 07:49	06/24/14 12:02	191-24-2	H3
Benzo(k)fluoranthene	**0.034J**	ug/L	0.047	0.0028	1	06/24/14 07:49	06/24/14 12:02	207-08-9	H3
Chrysene	**0.044J**	ug/L	0.047	0.0030	1	06/24/14 07:49	06/24/14 12:02	218-01-9	H3
Dibenz(a,h)anthracene	**0.011J**	ug/L	0.047	0.0059	1	06/24/14 07:49	06/24/14 12:02	53-70-3	H3
Fluoranthene	**0.058**	ug/L	0.047	0.0072	1	06/24/14 07:49	06/24/14 12:02	206-44-0	H3
Fluorene	**<0.0066**	ug/L	0.047	0.0066	1	06/24/14 07:49	06/24/14 12:02	86-73-7	H3
Indeno(1,2,3-cd)pyrene	**0.033J**	ug/L	0.047	0.0049	1	06/24/14 07:49	06/24/14 12:02	193-39-5	H3
1-Methylnaphthalene	**0.013J**	ug/L	0.047	0.0062	1	06/24/14 07:49	06/24/14 12:02	90-12-0	H3
2-Methylnaphthalene	**0.032J**	ug/L	0.047	0.0064	1	06/24/14 07:49	06/24/14 12:02	91-57-6	H3
Naphthalene	**0.22**	ug/L	0.047	0.0081	1	06/24/14 07:49	06/24/14 12:02	91-20-3	H3
Phenanthrene	**0.022J**	ug/L	0.047	0.0083	1	06/24/14 07:49	06/24/14 12:02	85-01-8	H3
Pyrene	**0.064**	ug/L	0.047	0.0076	1	06/24/14 07:49	06/24/14 12:02	129-00-0	H3
Surrogates									
2-Fluorobiphenyl (S)	73	%	24-130		1	06/24/14 07:49	06/24/14 12:02	321-60-8	
Terphenyl-d14 (S)	97	%	44-169		1	06/24/14 07:49	06/24/14 12:02	1718-51-0	

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ANALYTICAL RESULTS

Project: PARKS PIONEER
Pace Project No.: 4098134

Sample: MW-2 **Lab ID: 4098134002** Collected: 06/06/14 14:15 Received: 06/17/14 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		06/20/14 05:44	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		06/20/14 05:44	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		06/20/14 05:44	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		06/20/14 05:44	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		06/20/14 05:44	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/20/14 05:44	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/20/14 05:44	108-67-8	
m&p-Xylene	**<0.80**	ug/L	2.0	0.80	1		06/20/14 05:44	179601-23-1	
o-Xylene	**<0.45**	ug/L	1.0	0.45	1		06/20/14 05:44	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	99	%	80-120		1		06/20/14 05:44	98-08-8	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**0.088J**	ug/L	0.24	0.034	5	06/24/14 07:49	06/24/14 19:11	83-32-9	H3
Acenaphthylene	**0.14J**	ug/L	0.24	0.032	5	06/24/14 07:49	06/24/14 19:11	208-96-8	H3
Anthracene	**0.40**	ug/L	0.24	0.034	5	06/24/14 07:49	06/24/14 19:11	120-12-7	H3
Benzo(a)anthracene	**1.1**	ug/L	0.24	0.027	5	06/24/14 07:49	06/24/14 19:11	56-55-3	H3
Benzo(a)pyrene	**0.87**	ug/L	0.24	0.043	5	06/24/14 07:49	06/24/14 19:11	50-32-8	H3
Benzo(b)fluoranthene	**1.0**	ug/L	0.24	0.031	5	06/24/14 07:49	06/24/14 19:11	205-99-2	H3
Benzo(g,h,i)perylene	**0.81**	ug/L	0.24	0.019	5	06/24/14 07:49	06/24/14 19:11	191-24-2	H3
Benzo(k)fluoranthene	**0.84**	ug/L	0.24	0.014	5	06/24/14 07:49	06/24/14 19:11	207-08-9	H3
Chrysene	**1.2**	ug/L	0.24	0.015	5	06/24/14 07:49	06/24/14 19:11	218-01-9	H3
Dibenz(a,h)anthracene	**0.28**	ug/L	0.24	0.029	5	06/24/14 07:49	06/24/14 19:11	53-70-3	H3
Fluoranthene	**2.1**	ug/L	0.24	0.036	5	06/24/14 07:49	06/24/14 19:11	206-44-0	H3
Fluorene	**0.19J**	ug/L	0.24	0.033	5	06/24/14 07:49	06/24/14 19:11	86-73-7	H3
Indeno(1,2,3-cd)pyrene	**0.68**	ug/L	0.24	0.024	5	06/24/14 07:49	06/24/14 19:11	193-39-5	H3
1-Methylnaphthalene	**0.041J**	ug/L	0.24	0.031	5	06/24/14 07:49	06/24/14 19:11	90-12-0	H3
2-Methylnaphthalene	**0.043J**	ug/L	0.24	0.032	5	06/24/14 07:49	06/24/14 19:11	91-57-6	H3
Naphthalene	**0.11J**	ug/L	0.24	0.040	5	06/24/14 07:49	06/24/14 19:11	91-20-3	H3
Phenanthrene	**0.81**	ug/L	0.24	0.041	5	06/24/14 07:49	06/24/14 19:11	85-01-8	H3
Pyrene	**1.8**	ug/L	0.24	0.038	5	06/24/14 07:49	06/24/14 19:11	129-00-0	H3
Surrogates									
2-Fluorobiphenyl (S)	63	%	24-130		5	06/24/14 07:49	06/24/14 19:11	321-60-8	
Terphenyl-d14 (S)	72	%	44-169		5	06/24/14 07:49	06/24/14 19:11	1718-51-0	

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ANALYTICAL RESULTS

Project: PARKS PIONEER
Pace Project No.: 4098134

Sample: MW-3 **Lab ID: 4098134003** Collected: 06/06/14 12:05 Received: 06/17/14 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		06/18/14 15:55	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		06/18/14 15:55	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		06/18/14 15:55	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		06/18/14 15:55	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		06/18/14 15:55	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/18/14 15:55	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/18/14 15:55	108-67-8	
m&p-Xylene	**<0.80**	ug/L	2.0	0.80	1		06/18/14 15:55	179601-23-1	
o-Xylene	**<0.45**	ug/L	1.0	0.45	1		06/18/14 15:55	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	99	%	80-120		1		06/18/14 15:55	98-08-8	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0068**	ug/L	0.047	0.0068	1	06/24/14 07:49	06/24/14 11:44	83-32-9	H3
Acenaphthylene	**<0.0063**	ug/L	0.047	0.0063	1	06/24/14 07:49	06/24/14 11:44	208-96-8	H3
Anthracene	**0.012J**	ug/L	0.047	0.0067	1	06/24/14 07:49	06/24/14 11:44	120-12-7	H3
Benzo(a)anthracene	**0.014J**	ug/L	0.047	0.0053	1	06/24/14 07:49	06/24/14 11:44	56-55-3	H3
Benzo(a)pyrene	**0.017J**	ug/L	0.047	0.0087	1	06/24/14 07:49	06/24/14 11:44	50-32-8	H3
Benzo(b)fluoranthene	**0.034J**	ug/L	0.047	0.0062	1	06/24/14 07:49	06/24/14 11:44	205-99-2	H3
Benzo(g,h,i)perylene	**0.021J**	ug/L	0.047	0.0037	1	06/24/14 07:49	06/24/14 11:44	191-24-2	H3
Benzo(k)fluoranthene	**0.019J**	ug/L	0.047	0.0028	1	06/24/14 07:49	06/24/14 11:44	207-08-9	H3
Chrysene	**0.024J**	ug/L	0.047	0.0030	1	06/24/14 07:49	06/24/14 11:44	218-01-9	H3
Dibenz(a,h)anthracene	**<0.0059**	ug/L	0.047	0.0059	1	06/24/14 07:49	06/24/14 11:44	53-70-3	H3
Fluoranthene	**0.025J**	ug/L	0.047	0.0072	1	06/24/14 07:49	06/24/14 11:44	206-44-0	H3
Fluorene	**<0.0066**	ug/L	0.047	0.0066	1	06/24/14 07:49	06/24/14 11:44	86-73-7	H3
Indeno(1,2,3-cd)pyrene	**0.013J**	ug/L	0.047	0.0049	1	06/24/14 07:49	06/24/14 11:44	193-39-5	H3
1-Methylnaphthalene	**<0.0062**	ug/L	0.047	0.0062	1	06/24/14 07:49	06/24/14 11:44	90-12-0	H3
2-Methylnaphthalene	**<0.0064**	ug/L	0.047	0.0064	1	06/24/14 07:49	06/24/14 11:44	91-57-6	H3
Naphthalene	**0.013J**	ug/L	0.047	0.0081	1	06/24/14 07:49	06/24/14 11:44	91-20-3	H3
Phenanthrene	**0.016J**	ug/L	0.047	0.0083	1	06/24/14 07:49	06/24/14 11:44	85-01-8	H3
Pyrene	**0.025J**	ug/L	0.047	0.0076	1	06/24/14 07:49	06/24/14 11:44	129-00-0	H3
Surrogates									
2-Fluorobiphenyl (S)	61	%	24-130		1	06/24/14 07:49	06/24/14 11:44	321-60-8	
Terphenyl-d14 (S)	96	%	44-169		1	06/24/14 07:49	06/24/14 11:44	1718-51-0	

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ANALYTICAL RESULTS

Project: PARKS PIONEER
Pace Project No.: 4098134

Sample: MW-4 **Lab ID: 4098134004** Collected: 06/06/14 12:00 Received: 06/17/14 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		06/18/14 16:24	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		06/18/14 16:24	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		06/18/14 16:24	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		06/18/14 16:24	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		06/18/14 16:24	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/18/14 16:24	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/18/14 16:24	108-67-8	
m&p-Xylene	**<0.80**	ug/L	2.0	0.80	1		06/18/14 16:24	179601-23-1	
o-Xylene	**<0.45**	ug/L	1.0	0.45	1		06/18/14 16:24	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1		06/18/14 16:24	98-08-8	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0068**	ug/L	0.047	0.0068	1	06/24/14 07:49	06/24/14 13:21	83-32-9	H3
Acenaphthylene	**<0.0063**	ug/L	0.047	0.0063	1	06/24/14 07:49	06/24/14 13:21	208-96-8	H3
Anthracene	**0.011J**	ug/L	0.047	0.0067	1	06/24/14 07:49	06/24/14 13:21	120-12-7	H3
Benzo(a)anthracene	**<0.0053**	ug/L	0.047	0.0053	1	06/24/14 07:49	06/24/14 13:21	56-55-3	H3
Benzo(a)pyrene	**<0.0087**	ug/L	0.047	0.0087	1	06/24/14 07:49	06/24/14 13:21	50-32-8	H3
Benzo(b)fluoranthene	**0.022J**	ug/L	0.047	0.0062	1	06/24/14 07:49	06/24/14 13:21	205-99-2	H3
Benzo(g,h,i)perylene	**0.0059J**	ug/L	0.047	0.0037	1	06/24/14 07:49	06/24/14 13:21	191-24-2	H3
Benzo(k)fluoranthene	**<0.0028**	ug/L	0.047	0.0028	1	06/24/14 07:49	06/24/14 13:21	207-08-9	H3
Chrysene	**0.011J**	ug/L	0.047	0.0030	1	06/24/14 07:49	06/24/14 13:21	218-01-9	H3
Dibenz(a,h)anthracene	**<0.0059**	ug/L	0.047	0.0059	1	06/24/14 07:49	06/24/14 13:21	53-70-3	H3
Fluoranthene	**<0.0072**	ug/L	0.047	0.0072	1	06/24/14 07:49	06/24/14 13:21	206-44-0	H3
Fluorene	**<0.0066**	ug/L	0.047	0.0066	1	06/24/14 07:49	06/24/14 13:21	86-73-7	H3
Indeno(1,2,3-cd)pyrene	**<0.0049**	ug/L	0.047	0.0049	1	06/24/14 07:49	06/24/14 13:21	193-39-5	H3
1-Methylnaphthalene	**<0.0062**	ug/L	0.047	0.0062	1	06/24/14 07:49	06/24/14 13:21	90-12-0	H3
2-Methylnaphthalene	**<0.0064**	ug/L	0.047	0.0064	1	06/24/14 07:49	06/24/14 13:21	91-57-6	H3
Naphthalene	**<0.0081**	ug/L	0.047	0.0081	1	06/24/14 07:49	06/24/14 13:21	91-20-3	H3
Phenanthrene	**0.0097J**	ug/L	0.047	0.0083	1	06/24/14 07:49	06/24/14 13:21	85-01-8	H3
Pyrene	**0.011J**	ug/L	0.047	0.0076	1	06/24/14 07:49	06/24/14 13:21	129-00-0	H3
Surrogates									
2-Fluorobiphenyl (S)	75	%	24-130		1	06/24/14 07:49	06/24/14 13:21	321-60-8	
Terphenyl-d14 (S)	109	%	44-169		1	06/24/14 07:49	06/24/14 13:21	1718-51-0	

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ANALYTICAL RESULTS

Project: PARKS PIONEER
Pace Project No.: 4098134

Sample: MW-5 **Lab ID: 4098134005** Collected: 06/06/14 11:55 Received: 06/17/14 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		06/18/14 16:52	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		06/18/14 16:52	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		06/18/14 16:52	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		06/18/14 16:52	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		06/18/14 16:52	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/18/14 16:52	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/18/14 16:52	108-67-8	
m&p-Xylene	**<0.80**	ug/L	2.0	0.80	1		06/18/14 16:52	179601-23-1	
o-Xylene	**<0.45**	ug/L	1.0	0.45	1		06/18/14 16:52	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	99	%	80-120		1		06/18/14 16:52	98-08-8	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0068**	ug/L	0.047	0.0068	1	06/24/14 07:49	06/24/14 13:38	83-32-9	H3
Acenaphthylene	**<0.0063**	ug/L	0.047	0.0063	1	06/24/14 07:49	06/24/14 13:38	208-96-8	H3
Anthracene	**<0.0067**	ug/L	0.047	0.0067	1	06/24/14 07:49	06/24/14 13:38	120-12-7	H3
Benzo(a)anthracene	**0.0076J**	ug/L	0.047	0.0053	1	06/24/14 07:49	06/24/14 13:38	56-55-3	H3
Benzo(a)pyrene	**<0.0087**	ug/L	0.047	0.0087	1	06/24/14 07:49	06/24/14 13:38	50-32-8	H3
Benzo(b)fluoranthene	**0.028J**	ug/L	0.047	0.0062	1	06/24/14 07:49	06/24/14 13:38	205-99-2	H3
Benzo(g,h,i)perylene	**0.011J**	ug/L	0.047	0.0037	1	06/24/14 07:49	06/24/14 13:38	191-24-2	H3
Benzo(k)fluoranthene	**0.0066J**	ug/L	0.047	0.0028	1	06/24/14 07:49	06/24/14 13:38	207-08-9	H3
Chrysene	**0.020J**	ug/L	0.047	0.0030	1	06/24/14 07:49	06/24/14 13:38	218-01-9	H3
Dibenz(a,h)anthracene	**<0.0059**	ug/L	0.047	0.0059	1	06/24/14 07:49	06/24/14 13:38	53-70-3	H3
Fluoranthene	**0.017J**	ug/L	0.047	0.0072	1	06/24/14 07:49	06/24/14 13:38	206-44-0	H3
Fluorene	**<0.0066**	ug/L	0.047	0.0066	1	06/24/14 07:49	06/24/14 13:38	86-73-7	H3
Indeno(1,2,3-cd)pyrene	**0.0058J**	ug/L	0.047	0.0049	1	06/24/14 07:49	06/24/14 13:38	193-39-5	H3
1-Methylnaphthalene	**<0.0062**	ug/L	0.047	0.0062	1	06/24/14 07:49	06/24/14 13:38	90-12-0	H3
2-Methylnaphthalene	**<0.0064**	ug/L	0.047	0.0064	1	06/24/14 07:49	06/24/14 13:38	91-57-6	H3
Naphthalene	**<0.0081**	ug/L	0.047	0.0081	1	06/24/14 07:49	06/24/14 13:38	91-20-3	H3
Phenanthrene	**0.017J**	ug/L	0.047	0.0083	1	06/24/14 07:49	06/24/14 13:38	85-01-8	H3
Pyrene	**0.032J**	ug/L	0.047	0.0076	1	06/24/14 07:49	06/24/14 13:38	129-00-0	H3
Surrogates									
2-Fluorobiphenyl (S)	50	%	24-130		1	06/24/14 07:49	06/24/14 13:38	321-60-8	
Terphenyl-d14 (S)	109	%	44-169		1	06/24/14 07:49	06/24/14 13:38	1718-51-0	

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ANALYTICAL RESULTS

Project: PARKS PIONEER
Pace Project No.: 4098134

Sample: MW-6 **Lab ID: 4098134006** Collected: 06/06/14 11:50 Received: 06/17/14 08:50 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		06/18/14 17:21	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		06/18/14 17:21	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		06/18/14 17:21	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		06/18/14 17:21	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		06/18/14 17:21	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/18/14 17:21	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		06/18/14 17:21	108-67-8	
m&p-Xylene	**<0.80**	ug/L	2.0	0.80	1		06/18/14 17:21	179601-23-1	
o-Xylene	**<0.45**	ug/L	1.0	0.45	1		06/18/14 17:21	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	100	%	80-120		1		06/18/14 17:21	98-08-8	
8270 MSSV PAH by SIM	Analytical Method: EPA 8270 by SIM Preparation Method: EPA 3510								
Acenaphthene	**<0.0068**	ug/L	0.047	0.0068	1	06/24/14 07:49	06/24/14 13:56	83-32-9	H3
Acenaphthylene	**<0.0063**	ug/L	0.047	0.0063	1	06/24/14 07:49	06/24/14 13:56	208-96-8	H3
Anthracene	**<0.0067**	ug/L	0.047	0.0067	1	06/24/14 07:49	06/24/14 13:56	120-12-7	H3
Benzo(a)anthracene	**0.011J**	ug/L	0.047	0.0053	1	06/24/14 07:49	06/24/14 13:56	56-55-3	H3
Benzo(a)pyrene	**0.010J**	ug/L	0.047	0.0087	1	06/24/14 07:49	06/24/14 13:56	50-32-8	H3
Benzo(b)fluoranthene	**0.032J**	ug/L	0.047	0.0062	1	06/24/14 07:49	06/24/14 13:56	205-99-2	H3
Benzo(g,h,i)perylene	**0.014J**	ug/L	0.047	0.0037	1	06/24/14 07:49	06/24/14 13:56	191-24-2	H3
Benzo(k)fluoranthene	**0.013J**	ug/L	0.047	0.0028	1	06/24/14 07:49	06/24/14 13:56	207-08-9	H3
Chrysene	**0.026J**	ug/L	0.047	0.0030	1	06/24/14 07:49	06/24/14 13:56	218-01-9	H3
Dibenz(a,h)anthracene	**<0.0059**	ug/L	0.047	0.0059	1	06/24/14 07:49	06/24/14 13:56	53-70-3	H3
Fluoranthene	**0.024J**	ug/L	0.047	0.0072	1	06/24/14 07:49	06/24/14 13:56	206-44-0	H3
Fluorene	**<0.0066**	ug/L	0.047	0.0066	1	06/24/14 07:49	06/24/14 13:56	86-73-7	H3
Indeno(1,2,3-cd)pyrene	**0.0090J**	ug/L	0.047	0.0049	1	06/24/14 07:49	06/24/14 13:56	193-39-5	H3
1-Methylnaphthalene	**<0.0062**	ug/L	0.047	0.0062	1	06/24/14 07:49	06/24/14 13:56	90-12-0	H3
2-Methylnaphthalene	**0.0073J**	ug/L	0.047	0.0064	1	06/24/14 07:49	06/24/14 13:56	91-57-6	H3
Naphthalene	**<0.0081**	ug/L	0.047	0.0081	1	06/24/14 07:49	06/24/14 13:56	91-20-3	H3
Phenanthrene	**0.016J**	ug/L	0.047	0.0083	1	06/24/14 07:49	06/24/14 13:56	85-01-8	H3
Pyrene	**0.035J**	ug/L	0.047	0.0076	1	06/24/14 07:49	06/24/14 13:56	129-00-0	H3
Surrogates									
2-Fluorobiphenyl (S)	68	%	24-130		1	06/24/14 07:49	06/24/14 13:56	321-60-8	
Terphenyl-d14 (S)	90	%	44-169		1	06/24/14 07:49	06/24/14 13:56	1718-51-0	

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QUALITY CONTROL DATA

Project: PARKS PIONEER
Pace Project No.: 4098134

QC Batch: GCV/12562 Analysis Method: WI MOD GRO
QC Batch Method: WI MOD GRO Analysis Description: WIGRO GCV Water
Associated Lab Samples: 4098134001, 4098134002, 4098134003, 4098134004, 4098134005, 4098134006

METHOD BLANK: 991755 Matrix: Water
Associated Lab Samples: 4098134001, 4098134002, 4098134003, 4098134004, 4098134005, 4098134006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.42	1.0	06/18/14 08:42	
1,3,5-Trimethylbenzene	ug/L	<0.42	1.0	06/18/14 08:42	
Benzene	ug/L	<0.40	1.0	06/18/14 08:42	
Ethylbenzene	ug/L	<0.39	1.0	06/18/14 08:42	
m&p-Xylene	ug/L	<0.80	2.0	06/18/14 08:42	
Methyl-tert-butyl ether	ug/L	<0.48	1.0	06/18/14 08:42	
Naphthalene	ug/L	<0.42	1.0	06/18/14 08:42	
o-Xylene	ug/L	<0.45	1.0	06/18/14 08:42	
Toluene	ug/L	<0.39	1.0	06/18/14 08:42	
a,a,a-Trifluorotoluene (S)	%	99	80-120	06/18/14 08:42	

LABORATORY CONTROL SAMPLE & LCSD: 991756 991757

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	20.5	19.9	103	100	80-120	3	20	
1,3,5-Trimethylbenzene	ug/L	20	20.1	19.5	100	97	80-120	3	20	
Benzene	ug/L	20	20.1	19.7	100	99	80-120	2	20	
Ethylbenzene	ug/L	20	20.0	19.5	100	97	80-120	3	20	
m&p-Xylene	ug/L	40	39.9	38.7	100	97	80-120	3	20	
Methyl-tert-butyl ether	ug/L	20	19.4	19.5	97	97	80-120	0	20	
Naphthalene	ug/L	20	18.7	19.3	94	96	80-120	3	20	
o-Xylene	ug/L	20	19.9	19.3	99	97	80-120	3	20	
Toluene	ug/L	20	20.1	19.7	101	98	80-120	2	20	
a,a,a-Trifluorotoluene (S)	%				100	100	80-120			

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 991989 991990

Parameter	Units	10271012009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,2,4-Trimethylbenzene	ug/L	4710	4000	4000	8930	9310	106	115	26-200	4	20	
1,3,5-Trimethylbenzene	ug/L	1300	4000	4000	5650	5840	109	113	70-160	3	20	
Benzene	ug/L	11000	4000	4000	15400	15500	110	113	49-165	1	20	
Ethylbenzene	ug/L	6670	4000	4000	11100	11300	112	116	59-156	2	20	
m&p-Xylene	ug/L	21800	8000	8000	30300	30900	107	114	49-164	2	20	
Methyl-tert-butyl ether	ug/L	ND	4000	4000	4490	4460	112	112	80-127	1	20	
Naphthalene	ug/L	1170	4000	4000	5350	5690	104	113	71-130	6	20	
o-Xylene	ug/L	9950	4000	4000	14200	14500	107	113	70-137	1	20	
Toluene	ug/L	39600	4000	4000	43900	44200	108	115	80-135	1	20	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PARKS PIONEER
Pace Project No.: 4098134

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 991989 991990

Parameter	Units	10271012009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
a,a,a-Trifluorotoluene (S)	%						103	101	80-120			

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QUALITY CONTROL DATA

Project: PARKS PIONEER
Pace Project No.: 4098134

QC Batch: OEXT/22868 Analysis Method: EPA 8270 by SIM
QC Batch Method: EPA 3510 Analysis Description: 8270 Water PAH by SIM MSSV
Associated Lab Samples: 4098134001, 4098134002, 4098134003, 4098134004, 4098134005, 4098134006

METHOD BLANK: 995175 Matrix: Water
Associated Lab Samples: 4098134001, 4098134002, 4098134003, 4098134004, 4098134005, 4098134006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.0066	0.050	06/24/14 10:52	
2-Methylnaphthalene	ug/L	<0.0068	0.050	06/24/14 10:52	
Acenaphthene	ug/L	<0.0073	0.050	06/24/14 10:52	
Acenaphthylene	ug/L	<0.0067	0.050	06/24/14 10:52	
Anthracene	ug/L	<0.0071	0.050	06/24/14 10:52	
Benzo(a)anthracene	ug/L	<0.0056	0.050	06/24/14 10:52	
Benzo(a)pyrene	ug/L	<0.0092	0.050	06/24/14 10:52	
Benzo(b)fluoranthene	ug/L	<0.0065	0.050	06/24/14 10:52	
Benzo(g,h,i)perylene	ug/L	<0.0040	0.050	06/24/14 10:52	
Benzo(k)fluoranthene	ug/L	<0.0029	0.050	06/24/14 10:52	
Chrysene	ug/L	<0.0032	0.050	06/24/14 10:52	
Dibenz(a,h)anthracene	ug/L	<0.0062	0.050	06/24/14 10:52	
Fluoranthene	ug/L	<0.0076	0.050	06/24/14 10:52	
Fluorene	ug/L	<0.0070	0.050	06/24/14 10:52	
Indeno(1,2,3-cd)pyrene	ug/L	<0.0052	0.050	06/24/14 10:52	
Naphthalene	ug/L	<0.0086	0.050	06/24/14 10:52	
Phenanthrene	ug/L	<0.0088	0.050	06/24/14 10:52	
Pyrene	ug/L	<0.0080	0.050	06/24/14 10:52	
2-Fluorobiphenyl (S)	%	70	24-130	06/24/14 10:52	
Terphenyl-d14 (S)	%	105	44-169	06/24/14 10:52	

LABORATORY CONTROL SAMPLE: 995176

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1-Methylnaphthalene	ug/L	.2	0.094	47	35-130	
2-Methylnaphthalene	ug/L	.2	0.088	44	32-130	
Acenaphthene	ug/L	.2	0.11	53	30-130	
Acenaphthylene	ug/L	.2	0.10	51	28-130	
Anthracene	ug/L	.2	0.11	56	22-130	
Benzo(a)anthracene	ug/L	.2	0.12	60	40-130	
Benzo(a)pyrene	ug/L	.2	0.19	95	51-130	
Benzo(b)fluoranthene	ug/L	.2	0.14	70	45-130	
Benzo(g,h,i)perylene	ug/L	.2	0.20	100	59-130	
Benzo(k)fluoranthene	ug/L	.2	0.21	107	60-130	
Chrysene	ug/L	.2	0.21	106	62-130	
Dibenz(a,h)anthracene	ug/L	.2	0.17	86	51-130	
Fluoranthene	ug/L	.2	0.13	66	43-130	
Fluorene	ug/L	.2	0.10	52	29-130	
Indeno(1,2,3-cd)pyrene	ug/L	.2	0.19	94	56-130	
Naphthalene	ug/L	.2	0.11	53	30-130	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PARKS PIONEER
Pace Project No.: 4098134

LABORATORY CONTROL SAMPLE: 995176

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Phenanthrene	ug/L	.2	0.096	48	29-130	
Pyrene	ug/L	.2	0.14	69	38-130	
2-Fluorobiphenyl (S)	%			55	24-130	
Terphenyl-d14 (S)	%			82	44-169	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 995177 995178

Parameter	Units	4098305009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1-Methylnaphthalene	ug/L	0.030J	.19	.19	0.11	0.14	43	55	10-130	20	50	
2-Methylnaphthalene	ug/L	<0.0068	.19	.19	0.090	0.093	44	45	10-130	4	50	
Acenaphthene	ug/L	0.043J	.19	.19	0.13	0.13	42	45	10-130	5	50	
Acenaphthylene	ug/L	0.014J	.19	.19	0.10	0.11	47	51	10-130	8	50	
Anthracene	ug/L	0.019J	.19	.19	0.12	0.13	52	57	10-130	9	45	
Benzo(a)anthracene	ug/L	0.053	.19	.19	0.17	0.17	58	61	22-130	4	21	
Benzo(a)pyrene	ug/L	0.044J	.19	.19	0.18	0.20	72	78	40-130	6	20	
Benzo(b)fluoranthene	ug/L	0.039J	.19	.19	0.16	0.20	60	84	23-130	26	23	R1
Benzo(g,h,i)perylene	ug/L	0.029J	.19	.19	0.20	0.21	86	93	30-130	7	21	
Benzo(k)fluoranthene	ug/L	0.040J	.19	.19	0.17	0.15	66	57	50-130	10	20	
Chrysene	ug/L	0.083	.19	.19	0.20	0.21	58	67	32-147	8	20	
Dibenz(a,h)anthracene	ug/L	<0.0062	.19	.19	0.19	0.20	95	101	14-130	6	26	
Fluoranthene	ug/L	0.081	.19	.19	0.16	0.18	43	49	37-130	8	30	
Fluorene	ug/L	0.0072J	.19	.19	0.097	0.11	46	51	10-130	10	50	
Indeno(1,2,3-cd)pyrene	ug/L	0.018J	.19	.19	0.19	0.21	91	97	27-130	6	23	
Naphthalene	ug/L	0.022J	.19	.19	0.11	0.12	45	49	10-130	6	50	
Phenanthrene	ug/L	0.038J	.19	.19	0.11	0.12	36	41	13-130	9	50	
Pyrene	ug/L	0.13	.19	.19	0.17	0.18	20	28	34-130	9	32	M1
2-Fluorobiphenyl (S)	%						45	48	24-130			
Terphenyl-d14 (S)	%						81	87	44-169			

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QUALIFIERS

Project: PARKS PIONEER
Pace Project No.: 4098134

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

LOD - Limit of Detection.

LOQ - Limit of Quantitation.

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TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: MSSV/6883

[IP] Benzo(b)fluoranthene and benzo(k)fluoranthene were in the check standard but did not meet the resolution criteria in SW846 Method 8270C. Whereas sample results included are reported as individual isomers, the lab and the customer must recognize them as an isomeric pair.

ANALYTE QUALIFIERS

H3 Sample was received or analysis requested beyond the recognized method holding time.

M1 Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

R1 RPD value was outside control limits.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PARKS PIONEER
Pace Project No.: 4098134

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
4098134001	MW-1	WI MOD GRO	GCV/12562		
4098134002	MW-2	WI MOD GRO	GCV/12562		
4098134003	MW-3	WI MOD GRO	GCV/12562		
4098134004	MW-4	WI MOD GRO	GCV/12562		
4098134005	MW-5	WI MOD GRO	GCV/12562		
4098134006	MW-6	WI MOD GRO	GCV/12562		
4098134001	MW-1	EPA 3510	OEXT/22868	EPA 8270 by SIM	MSSV/6883
4098134002	MW-2	EPA 3510	OEXT/22868	EPA 8270 by SIM	MSSV/6883
4098134003	MW-3	EPA 3510	OEXT/22868	EPA 8270 by SIM	MSSV/6883
4098134004	MW-4	EPA 3510	OEXT/22868	EPA 8270 by SIM	MSSV/6883
4098134005	MW-5	EPA 3510	OEXT/22868	EPA 8270 by SIM	MSSV/6883
4098134006	MW-6	EPA 3510	OEXT/22868	EPA 8270 by SIM	MSSV/6883

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6/17/14 SCW

CHAIN OF CUSTODY

4098134

(Please Print Clearly)	
Company Name:	Chem Report, Inc
Branch/Location:	Kenosha
Project Contact:	Sean Crawley
Phone:	(262) 654-7020
Project Number:	
Project Name:	Parks Pioneer
Project State:	WI
Sampled By (Print):	Sean Crawley
Sampled By (Sign):	Sean Crawley
PO #:	
Regulatory Program:	

Quote #:	PECFA U&C
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, SI = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	FILTERED? (YES/NO) Y/N	PRESERVATION (CODE)* Pick Letter	Analyses Requested: PVOCs+Naph	Analyses Requested: PAHs							CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	MW-1	6/6/14	1210	GW			X	X			3-40mlVB				1-1LAG*		
002	MW-2	↓	1415	↓			↓	↓				↓			↓		
003	MW-3	↓	1205	↓			↓	↓				↓			↓		
004	MW-4	↓	1200	↓			↓	↓				↓			↓		
005	MW-5	↓	1155	↓			↓	↓				↓			↓		
006	MW-6	↓	1150	↓			↓	↓				↓			↓		

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):
Email #1: scrawley@chemreport.com
Email #2:
Telephone:
Fax:

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
[signature]	6/16/14 10:38	Mary Fan	6/16/14 10:38
Mary Fan	6/16/14 1300		
CS Logistics	6/17/14 0850	S Bauer	6/17/14 0850

PACE Project No. 4098134
Receipt Temp = 2 °C
Sample Receipt pH OK / Adjusted
Cooler Custody Seal Present / Not Present
Intact / Not Intact

C019a(27Jun2006)

Version 6.0 06/14/06

ORIGINAL

Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Pace Analytical™

Project # **WO# : 4098134**

4098134

Client Name: Chem Report Inc

Courier: ☐ Fed Ex ☐ UPS ☐ Client ☐ Pace Other: CS logistics

Tracking #:

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals intact: ☑ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other

Thermometer Used NA **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: RoI /Corr: **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

Person examining contents:
Date: 6/17/14
Initials: SB

		Comments:
Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	~~☑Yes~~ ☑No ☐N/A	5. Past hold PAH SB 6/17/14
- VOA Samples frozen upon receipt	☐Yes ☐No	Date/Time:
Short Hold Time Analysis (<72hr):	☑Yes ☐No ☐N/A	6. See above SB 6/17/14
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
-Pace IR Containers Used:	☐Yes ☐No ☑N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☑No ☐N/A	11.
Sample Labels match COC:	☐Yes ☑No ☐N/A	12. No dates or times on samples SB 6/17/14
-Includes date/time/ID/Analysis Matrix: W		
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes ☐No ☑N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☑Yes ☐No	Initial when completed / Lab Std #ID of preservative / Date/Time:
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	14.
Trip Blank Present:	☐Yes ☑No ☐N/A	15.
Trip Blank Custody Seals Present	☐Yes ☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: Date: 6/17/14

F-GB-C-031-Rev.02 (28Oct2013) SCUR Form

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

November 14, 2014

Sean Cranley
Chem Report, Inc.
9725 12th Street
Kenosha, WI 53144

RE: Project: PARKS PIONEER
Pace Project No.: 40106840

Dear Sean Cranley:
Enclosed are the analytical results for sample(s) received by the laboratory on November 11, 2014. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Christopher Hyska

Christopher Hyska
christopher.hyska@pacelabs.com
Project Manager

Enclosures

REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: PARKS PIONEER
Pace Project No.: 40106840

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Texas Certification #: T104704529-14-1
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

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SAMPLE SUMMARY

Project: PARKS PIONEER
Pace Project No.: 40106840

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40106840001	MW-1	Water	11/07/14 13:10	11/11/14 09:00
40106840002	MW-2	Water	11/07/14 13:15	11/11/14 09:00
40106840003	MW-3	Water	11/07/14 13:20	11/11/14 09:00
40106840004	MW-4	Water	11/07/14 13:25	11/11/14 09:00
40106840005	MW-5	Water	11/07/14 13:00	11/11/14 09:00
40106840006	MW-6	Water	11/07/14 13:05	11/11/14 09:00

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SAMPLE ANALYTE COUNT

Project: PARKS PIONEER
Pace Project No.: 40106840

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
40106840001	MW-1	WI MOD GRO	MRS	10	PASI-G
		EPA 8270 by HVI	RJN	20	PASI-G
40106840002	MW-2	WI MOD GRO	MRS	10	PASI-G
		EPA 8270 by HVI	RJN	20	PASI-G
40106840003	MW-3	WI MOD GRO	MRS	10	PASI-G
		EPA 8270 by HVI	RJN	20	PASI-G
40106840004	MW-4	WI MOD GRO	MRS	10	PASI-G
		EPA 8270 by HVI	RJN	20	PASI-G
40106840005	MW-5	WI MOD GRO	MRS	10	PASI-G
		EPA 8270 by HVI	RJN	20	PASI-G
40106840006	MW-6	WI MOD GRO	MRS	10	PASI-G
		EPA 8270 by HVI	RJN	20	PASI-G

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ANALYTICAL RESULTS

Project: PARKS PIONEER
Pace Project No.: 40106840

Sample: MW-1 **Lab ID: 40106840001** Collected: 11/07/14 13:10 Received: 11/11/14 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**2.8**	ug/L	1.0	0.40	1		11/12/14 18:46	71-43-2	
Ethylbenzene	**29.6**	ug/L	1.0	0.39	1		11/12/14 18:46	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		11/12/14 18:46	1634-04-4	
Naphthalene	**4.3**	ug/L	1.0	0.42	1		11/12/14 18:46	91-20-3	
Toluene	**4.7**	ug/L	1.0	0.39	1		11/12/14 18:46	108-88-3	
1,2,4-Trimethylbenzene	**9.6**	ug/L	1.0	0.42	1		11/12/14 18:46	95-63-6	
1,3,5-Trimethylbenzene	**3.5**	ug/L	1.0	0.42	1		11/12/14 18:46	108-67-8	
m&p-Xylene	**12.1**	ug/L	2.0	0.80	1		11/12/14 18:46	179601-23-1	
o-Xylene	**3.4**	ug/L	1.0	0.45	1		11/12/14 18:46	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	105	%	80-120		1		11/12/14 18:46	98-08-8	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**0.0041J**	ug/L	0.045	0.0033	1	11/12/14 08:28	11/13/14 12:02	83-32-9	
Acenaphthylene	**<0.0028**	ug/L	0.045	0.0028	1	11/12/14 08:28	11/13/14 12:02	208-96-8	
Anthracene	**0.027J**	ug/L	0.045	0.0023	1	11/12/14 08:28	11/13/14 12:02	120-12-7	
Benzo(a)anthracene	**0.020J**	ug/L	0.045	0.0031	1	11/12/14 08:28	11/13/14 12:02	56-55-3	
Benzo(a)pyrene	**0.017J**	ug/L	0.045	0.0024	1	11/12/14 08:28	11/13/14 12:02	50-32-8	
Benzo(b)fluoranthene	**0.029J**	ug/L	0.045	0.0047	1	11/12/14 08:28	11/13/14 12:02	205-99-2	
Benzo(g,h,i)perylene	**0.017J**	ug/L	0.045	0.0049	1	11/12/14 08:28	11/13/14 12:02	191-24-2	
Benzo(k)fluoranthene	**0.011J**	ug/L	0.045	0.0045	1	11/12/14 08:28	11/13/14 12:02	207-08-9	
Chrysene	**0.031J**	ug/L	0.045	0.0058	1	11/12/14 08:28	11/13/14 12:02	218-01-9	
Dibenz(a,h)anthracene	**<0.0031**	ug/L	0.045	0.0031	1	11/12/14 08:28	11/13/14 12:02	53-70-3	
Fluoranthene	**0.037J**	ug/L	0.045	0.0046	1	11/12/14 08:28	11/13/14 12:02	206-44-0	
Fluorene	**0.0062J**	ug/L	0.045	0.0027	1	11/12/14 08:28	11/13/14 12:02	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.011J**	ug/L	0.045	0.0033	1	11/12/14 08:28	11/13/14 12:02	193-39-5	
1-Methylnaphthalene	**0.10**	ug/L	0.045	0.0057	1	11/12/14 08:28	11/13/14 12:02	90-12-0	
2-Methylnaphthalene	**0.059**	ug/L	0.045	0.0077	1	11/12/14 08:28	11/13/14 12:02	91-57-6	
Naphthalene	**0.50**	ug/L	0.045	0.0056	1	11/12/14 08:28	11/13/14 12:02	91-20-3	
Phenanthrene	**0.027J**	ug/L	0.045	0.0081	1	11/12/14 08:28	11/13/14 12:02	85-01-8	
Pyrene	**0.041J**	ug/L	0.045	0.0054	1	11/12/14 08:28	11/13/14 12:02	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	49	%	38-130		1	11/12/14 08:28	11/13/14 12:02	321-60-8	
Terphenyl-d14 (S)	54	%	18-145		1	11/12/14 08:28	11/13/14 12:02	1718-51-0	

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ANALYTICAL RESULTS

Project: PARKS PIONEER
Pace Project No.: 40106840

Sample: MW-2 **Lab ID: 40106840002** Collected: 11/07/14 13:15 Received: 11/11/14 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		11/12/14 16:38	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		11/12/14 16:38	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		11/12/14 16:38	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		11/12/14 16:38	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		11/12/14 16:38	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		11/12/14 16:38	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		11/12/14 16:38	108-67-8	
m&p-Xylene	**<0.80**	ug/L	2.0	0.80	1		11/12/14 16:38	179601-23-1	
o-Xylene	**<0.45**	ug/L	1.0	0.45	1		11/12/14 16:38	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1		11/12/14 16:38	98-08-8	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**0.065**	ug/L	0.045	0.0033	1	11/12/14 08:28	11/13/14 12:20	83-32-9	
Acenaphthylene	**0.11**	ug/L	0.045	0.0028	1	11/12/14 08:28	11/13/14 12:20	208-96-8	
Anthracene	**0.35**	ug/L	0.045	0.0023	1	11/12/14 08:28	11/13/14 12:20	120-12-7	
Benzo(a)anthracene	**0.54**	ug/L	0.045	0.0030	1	11/12/14 08:28	11/13/14 12:20	56-55-3	
Benzo(a)pyrene	**0.48**	ug/L	0.045	0.0024	1	11/12/14 08:28	11/13/14 12:20	50-32-8	
Benzo(b)fluoranthene	**0.72**	ug/L	0.045	0.0046	1	11/12/14 08:28	11/13/14 12:20	205-99-2	
Benzo(g,h,i)perylene	**0.38**	ug/L	0.045	0.0048	1	11/12/14 08:28	11/13/14 12:20	191-24-2	
Benzo(k)fluoranthene	**0.28**	ug/L	0.045	0.0045	1	11/12/14 08:28	11/13/14 12:20	207-08-9	
Chrysene	**0.72**	ug/L	0.045	0.0058	1	11/12/14 08:28	11/13/14 12:20	218-01-9	
Dibenz(a,h)anthracene	**0.084**	ug/L	0.045	0.0031	1	11/12/14 08:28	11/13/14 12:20	53-70-3	
Fluoranthene	**1.1**	ug/L	0.045	0.0046	1	11/12/14 08:28	11/13/14 12:20	206-44-0	
Fluorene	**0.21**	ug/L	0.045	0.0027	1	11/12/14 08:28	11/13/14 12:20	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.29**	ug/L	0.045	0.0033	1	11/12/14 08:28	11/13/14 12:20	193-39-5	
1-Methylnaphthalene	**0.044J**	ug/L	0.045	0.0057	1	11/12/14 08:28	11/13/14 12:20	90-12-0	
2-Methylnaphthalene	**0.041J**	ug/L	0.045	0.0076	1	11/12/14 08:28	11/13/14 12:20	91-57-6	
Naphthalene	**0.069**	ug/L	0.045	0.0055	1	11/12/14 08:28	11/13/14 12:20	91-20-3	B
Phenanthrene	**0.47**	ug/L	0.045	0.0080	1	11/12/14 08:28	11/13/14 12:20	85-01-8	
Pyrene	**1.4**	ug/L	0.045	0.0054	1	11/12/14 08:28	11/13/14 12:20	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	54	%	38-130		1	11/12/14 08:28	11/13/14 12:20	321-60-8	
Terphenyl-d14 (S)	56	%	18-145		1	11/12/14 08:28	11/13/14 12:20	1718-51-0	

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ANALYTICAL RESULTS

Project: PARKS PIONEER
Pace Project No.: 40106840

Sample: MW-3 **Lab ID: 40106840003** Collected: 11/07/14 13:20 Received: 11/11/14 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		11/12/14 21:20	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		11/12/14 21:20	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		11/12/14 21:20	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		11/12/14 21:20	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		11/12/14 21:20	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		11/12/14 21:20	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		11/12/14 21:20	108-67-8	
m&p-Xylene	**<0.80**	ug/L	2.0	0.80	1		11/12/14 21:20	179601-23-1	
o-Xylene	**<0.45**	ug/L	1.0	0.45	1		11/12/14 21:20	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1		11/12/14 21:20	98-08-8	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**<0.0033**	ug/L	0.045	0.0033	1	11/12/14 08:28	11/13/14 12:39	83-32-9	
Acenaphthylene	**<0.0028**	ug/L	0.045	0.0028	1	11/12/14 08:28	11/13/14 12:39	208-96-8	
Anthracene	**0.0089J**	ug/L	0.045	0.0023	1	11/12/14 08:28	11/13/14 12:39	120-12-7	
Benzo(a)anthracene	**0.026J**	ug/L	0.045	0.0030	1	11/12/14 08:28	11/13/14 12:39	56-55-3	
Benzo(a)pyrene	**0.020J**	ug/L	0.045	0.0024	1	11/12/14 08:28	11/13/14 12:39	50-32-8	
Benzo(b)fluoranthene	**0.032J**	ug/L	0.045	0.0046	1	11/12/14 08:28	11/13/14 12:39	205-99-2	
Benzo(g,h,i)perylene	**0.019J**	ug/L	0.045	0.0048	1	11/12/14 08:28	11/13/14 12:39	191-24-2	
Benzo(k)fluoranthene	**0.013J**	ug/L	0.045	0.0045	1	11/12/14 08:28	11/13/14 12:39	207-08-9	
Chrysene	**0.032J**	ug/L	0.045	0.0058	1	11/12/14 08:28	11/13/14 12:39	218-01-9	
Dibenz(a,h)anthracene	**0.0041J**	ug/L	0.045	0.0031	1	11/12/14 08:28	11/13/14 12:39	53-70-3	
Fluoranthene	**0.032J**	ug/L	0.045	0.0046	1	11/12/14 08:28	11/13/14 12:39	206-44-0	
Fluorene	**0.0044J**	ug/L	0.045	0.0027	1	11/12/14 08:28	11/13/14 12:39	86-73-7	
Indeno(1,2,3-cd)pyrene	**0.013J**	ug/L	0.045	0.0033	1	11/12/14 08:28	11/13/14 12:39	193-39-5	
1-Methylnaphthalene	**0.0074J**	ug/L	0.045	0.0057	1	11/12/14 08:28	11/13/14 12:39	90-12-0	
2-Methylnaphthalene	**0.0086J**	ug/L	0.045	0.0076	1	11/12/14 08:28	11/13/14 12:39	91-57-6	
Naphthalene	**0.0070J**	ug/L	0.045	0.0055	1	11/12/14 08:28	11/13/14 12:39	91-20-3	B
Phenanthrene	**0.032J**	ug/L	0.045	0.0080	1	11/12/14 08:28	11/13/14 12:39	85-01-8	
Pyrene	**0.041J**	ug/L	0.045	0.0054	1	11/12/14 08:28	11/13/14 12:39	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	59	%	38-130		1	11/12/14 08:28	11/13/14 12:39	321-60-8	
Terphenyl-d14 (S)	61	%	18-145		1	11/12/14 08:28	11/13/14 12:39	1718-51-0	

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ANALYTICAL RESULTS

Project: PARKS PIONEER
Pace Project No.: 40106840

Sample: MW-4 **Lab ID: 40106840004** Collected: 11/07/14 13:25 Received: 11/11/14 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		11/12/14 20:55	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		11/12/14 20:55	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		11/12/14 20:55	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		11/12/14 20:55	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		11/12/14 20:55	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		11/12/14 20:55	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		11/12/14 20:55	108-67-8	
m&p-Xylene	**<0.80**	ug/L	2.0	0.80	1		11/12/14 20:55	179601-23-1	
o-Xylene	**<0.45**	ug/L	1.0	0.45	1		11/12/14 20:55	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1		11/12/14 20:55	98-08-8	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**<0.0033**	ug/L	0.045	0.0033	1	11/12/14 08:28	11/13/14 12:57	83-32-9	
Acenaphthylene	**<0.0028**	ug/L	0.045	0.0028	1	11/12/14 08:28	11/13/14 12:57	208-96-8	
Anthracene	**0.012J**	ug/L	0.045	0.0023	1	11/12/14 08:28	11/13/14 12:57	120-12-7	
Benzo(a)anthracene	**<0.0030**	ug/L	0.045	0.0030	1	11/12/14 08:28	11/13/14 12:57	56-55-3	
Benzo(a)pyrene	**<0.0024**	ug/L	0.045	0.0024	1	11/12/14 08:28	11/13/14 12:57	50-32-8	
Benzo(b)fluoranthene	**<0.0046**	ug/L	0.045	0.0046	1	11/12/14 08:28	11/13/14 12:57	205-99-2	
Benzo(g,h,i)perylene	**<0.0048**	ug/L	0.045	0.0048	1	11/12/14 08:28	11/13/14 12:57	191-24-2	
Benzo(k)fluoranthene	**<0.0045**	ug/L	0.045	0.0045	1	11/12/14 08:28	11/13/14 12:57	207-08-9	
Chrysene	**<0.0058**	ug/L	0.045	0.0058	1	11/12/14 08:28	11/13/14 12:57	218-01-9	
Dibenz(a,h)anthracene	**<0.0031**	ug/L	0.045	0.0031	1	11/12/14 08:28	11/13/14 12:57	53-70-3	
Fluoranthene	**0.0060J**	ug/L	0.045	0.0046	1	11/12/14 08:28	11/13/14 12:57	206-44-0	
Fluorene	**<0.0027**	ug/L	0.045	0.0027	1	11/12/14 08:28	11/13/14 12:57	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.0033**	ug/L	0.045	0.0033	1	11/12/14 08:28	11/13/14 12:57	193-39-5	
1-Methylnaphthalene	**<0.0057**	ug/L	0.045	0.0057	1	11/12/14 08:28	11/13/14 12:57	90-12-0	
2-Methylnaphthalene	**<0.0076**	ug/L	0.045	0.0076	1	11/12/14 08:28	11/13/14 12:57	91-57-6	
Naphthalene	**<0.0055**	ug/L	0.045	0.0055	1	11/12/14 08:28	11/13/14 12:57	91-20-3	
Phenanthrene	**0.0086J**	ug/L	0.045	0.0080	1	11/12/14 08:28	11/13/14 12:57	85-01-8	
Pyrene	**0.0086J**	ug/L	0.045	0.0054	1	11/12/14 08:28	11/13/14 12:57	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	60	%	38-130		1	11/12/14 08:28	11/13/14 12:57	321-60-8	
Terphenyl-d14 (S)	77	%	18-145		1	11/12/14 08:28	11/13/14 12:57	1718-51-0	

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ANALYTICAL RESULTS

Project: PARKS PIONEER
Pace Project No.: 40106840

Sample: MW-5 **Lab ID: 40106840005** Collected: 11/07/14 13:00 Received: 11/11/14 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		11/12/14 20:29	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		11/12/14 20:29	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		11/12/14 20:29	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		11/12/14 20:29	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		11/12/14 20:29	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		11/12/14 20:29	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		11/12/14 20:29	108-67-8	
m&p-Xylene	**<0.80**	ug/L	2.0	0.80	1		11/12/14 20:29	179601-23-1	
o-Xylene	**<0.45**	ug/L	1.0	0.45	1		11/12/14 20:29	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	101	%	80-120		1		11/12/14 20:29	98-08-8	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**<0.0033**	ug/L	0.045	0.0033	1	11/12/14 08:28	11/13/14 13:16	83-32-9	
Acenaphthylene	**<0.0028**	ug/L	0.045	0.0028	1	11/12/14 08:28	11/13/14 13:16	208-96-8	
Anthracene	**<0.0023**	ug/L	0.045	0.0023	1	11/12/14 08:28	11/13/14 13:16	120-12-7	
Benzo(a)anthracene	**<0.0030**	ug/L	0.045	0.0030	1	11/12/14 08:28	11/13/14 13:16	56-55-3	
Benzo(a)pyrene	**<0.0024**	ug/L	0.045	0.0024	1	11/12/14 08:28	11/13/14 13:16	50-32-8	
Benzo(b)fluoranthene	**<0.0046**	ug/L	0.045	0.0046	1	11/12/14 08:28	11/13/14 13:16	205-99-2	
Benzo(g,h,i)perylene	**<0.0048**	ug/L	0.045	0.0048	1	11/12/14 08:28	11/13/14 13:16	191-24-2	
Benzo(k)fluoranthene	**<0.0045**	ug/L	0.045	0.0045	1	11/12/14 08:28	11/13/14 13:16	207-08-9	
Chrysene	**<0.0058**	ug/L	0.045	0.0058	1	11/12/14 08:28	11/13/14 13:16	218-01-9	
Dibenz(a,h)anthracene	**<0.0031**	ug/L	0.045	0.0031	1	11/12/14 08:28	11/13/14 13:16	53-70-3	
Fluoranthene	**0.0059J**	ug/L	0.045	0.0046	1	11/12/14 08:28	11/13/14 13:16	206-44-0	
Fluorene	**<0.0027**	ug/L	0.045	0.0027	1	11/12/14 08:28	11/13/14 13:16	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.0033**	ug/L	0.045	0.0033	1	11/12/14 08:28	11/13/14 13:16	193-39-5	
1-Methylnaphthalene	**<0.0057**	ug/L	0.045	0.0057	1	11/12/14 08:28	11/13/14 13:16	90-12-0	
2-Methylnaphthalene	**<0.0076**	ug/L	0.045	0.0076	1	11/12/14 08:28	11/13/14 13:16	91-57-6	
Naphthalene	**<0.0055**	ug/L	0.045	0.0055	1	11/12/14 08:28	11/13/14 13:16	91-20-3	
Phenanthrene	**0.012J**	ug/L	0.045	0.0080	1	11/12/14 08:28	11/13/14 13:16	85-01-8	
Pyrene	**0.011J**	ug/L	0.045	0.0054	1	11/12/14 08:28	11/13/14 13:16	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	59	%	38-130		1	11/12/14 08:28	11/13/14 13:16	321-60-8	
Terphenyl-d14 (S)	72	%	18-145		1	11/12/14 08:28	11/13/14 13:16	1718-51-0	

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ANALYTICAL RESULTS

Project: PARKS PIONEER
Pace Project No.: 40106840

Sample: MW-6 **Lab ID: 40106840006** Collected: 11/07/14 13:05 Received: 11/11/14 09:00 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV	Analytical Method: WI MOD GRO								
Benzene	**<0.40**	ug/L	1.0	0.40	1		11/12/14 20:03	71-43-2	
Ethylbenzene	**<0.39**	ug/L	1.0	0.39	1		11/12/14 20:03	100-41-4	
Methyl-tert-butyl ether	**<0.48**	ug/L	1.0	0.48	1		11/12/14 20:03	1634-04-4	
Naphthalene	**<0.42**	ug/L	1.0	0.42	1		11/12/14 20:03	91-20-3	
Toluene	**<0.39**	ug/L	1.0	0.39	1		11/12/14 20:03	108-88-3	
1,2,4-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		11/12/14 20:03	95-63-6	
1,3,5-Trimethylbenzene	**<0.42**	ug/L	1.0	0.42	1		11/12/14 20:03	108-67-8	
m&p-Xylene	**<0.80**	ug/L	2.0	0.80	1		11/12/14 20:03	179601-23-1	
o-Xylene	**<0.45**	ug/L	1.0	0.45	1		11/12/14 20:03	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		1		11/12/14 20:03	98-08-8	
8270 MSSV PAH by HVI	Analytical Method: EPA 8270 by HVI Preparation Method: EPA 3510								
Acenaphthene	**<0.0033**	ug/L	0.045	0.0033	1	11/12/14 08:28	11/13/14 13:34	83-32-9	
Acenaphthylene	**<0.0028**	ug/L	0.045	0.0028	1	11/12/14 08:28	11/13/14 13:34	208-96-8	
Anthracene	**<0.0023**	ug/L	0.045	0.0023	1	11/12/14 08:28	11/13/14 13:34	120-12-7	
Benzo(a)anthracene	**<0.0030**	ug/L	0.045	0.0030	1	11/12/14 08:28	11/13/14 13:34	56-55-3	
Benzo(a)pyrene	**0.0027J**	ug/L	0.045	0.0024	1	11/12/14 08:28	11/13/14 13:34	50-32-8	
Benzo(b)fluoranthene	**<0.0046**	ug/L	0.045	0.0046	1	11/12/14 08:28	11/13/14 13:34	205-99-2	
Benzo(g,h,i)perylene	**<0.0048**	ug/L	0.045	0.0048	1	11/12/14 08:28	11/13/14 13:34	191-24-2	
Benzo(k)fluoranthene	**<0.0045**	ug/L	0.045	0.0045	1	11/12/14 08:28	11/13/14 13:34	207-08-9	
Chrysene	**0.011J**	ug/L	0.045	0.0058	1	11/12/14 08:28	11/13/14 13:34	218-01-9	
Dibenz(a,h)anthracene	**<0.0031**	ug/L	0.045	0.0031	1	11/12/14 08:28	11/13/14 13:34	53-70-3	
Fluoranthene	**0.011J**	ug/L	0.045	0.0046	1	11/12/14 08:28	11/13/14 13:34	206-44-0	
Fluorene	**0.0031J**	ug/L	0.045	0.0027	1	11/12/14 08:28	11/13/14 13:34	86-73-7	
Indeno(1,2,3-cd)pyrene	**<0.0033**	ug/L	0.045	0.0033	1	11/12/14 08:28	11/13/14 13:34	193-39-5	
1-Methylnaphthalene	**<0.0057**	ug/L	0.045	0.0057	1	11/12/14 08:28	11/13/14 13:34	90-12-0	
2-Methylnaphthalene	**<0.0076**	ug/L	0.045	0.0076	1	11/12/14 08:28	11/13/14 13:34	91-57-6	
Naphthalene	**<0.0055**	ug/L	0.045	0.0055	1	11/12/14 08:28	11/13/14 13:34	91-20-3	
Phenanthrene	**0.014J**	ug/L	0.045	0.0080	1	11/12/14 08:28	11/13/14 13:34	85-01-8	
Pyrene	**0.017J**	ug/L	0.045	0.0054	1	11/12/14 08:28	11/13/14 13:34	129-00-0	
Surrogates									
2-Fluorobiphenyl (S)	56	%	38-130		1	11/12/14 08:28	11/13/14 13:34	321-60-8	
Terphenyl-d14 (S)	66	%	18-145		1	11/12/14 08:28	11/13/14 13:34	1718-51-0	

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QUALITY CONTROL DATA

Project: PARKS PIONEER
Pace Project No.: 40106840

QC Batch: GCV/13532 Analysis Method: WI MOD GRO
QC Batch Method: WI MOD GRO Analysis Description: WIGRO GCV Water
Associated Lab Samples: 40106840001, 40106840002, 40106840003, 40106840004, 40106840005, 40106840006

METHOD BLANK: 1080829 Matrix: Water
Associated Lab Samples: 40106840001, 40106840002, 40106840003, 40106840004, 40106840005, 40106840006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.42	1.0	11/12/14 11:55	
1,3,5-Trimethylbenzene	ug/L	<0.42	1.0	11/12/14 11:55	
Benzene	ug/L	<0.40	1.0	11/12/14 11:55	
Ethylbenzene	ug/L	<0.39	1.0	11/12/14 11:55	
m&p-Xylene	ug/L	<0.80	2.0	11/12/14 11:55	
Methyl-tert-butyl ether	ug/L	<0.48	1.0	11/12/14 11:55	
Naphthalene	ug/L	<0.42	1.0	11/12/14 11:55	
o-Xylene	ug/L	<0.45	1.0	11/12/14 11:55	
Toluene	ug/L	<0.39	1.0	11/12/14 11:55	
a,a,a-Trifluorotoluene (S)	%	103	80-120	11/12/14 11:55	

LABORATORY CONTROL SAMPLE & LCSD: 1080830 1080831

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	21.4	21.1	107	105	80-120	2	20	
1,3,5-Trimethylbenzene	ug/L	20	21.3	20.9	107	105	80-120	2	20	
Benzene	ug/L	20	21.4	21.0	107	105	80-120	2	20	
Ethylbenzene	ug/L	20	21.5	21.1	108	106	80-120	2	20	
m&p-Xylene	ug/L	40	42.3	41.9	106	105	80-120	1	20	
Methyl-tert-butyl ether	ug/L	20	20.5	20.5	102	102	80-120	0	20	
Naphthalene	ug/L	20	19.8	20.0	99	100	80-120	1	20	
o-Xylene	ug/L	20	20.8	20.6	104	103	80-120	1	20	
Toluene	ug/L	20	21.1	20.7	106	104	80-120	2	20	
a,a,a-Trifluorotoluene (S)	%				102	102	80-120			

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QUALITY CONTROL DATA

Project: PARKS PIONEER
Pace Project No.: 40106840

QC Batch: OEXT/25147 Analysis Method: EPA 8270 by HVI
QC Batch Method: EPA 3510 Analysis Description: 8270 Water PAH by HVI
Associated Lab Samples: 40106840001, 40106840002, 40106840003, 40106840004, 40106840005, 40106840006

METHOD BLANK: 1080912 Matrix: Water
Associated Lab Samples: 40106840001, 40106840002, 40106840003, 40106840004, 40106840005, 40106840006

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1-Methylnaphthalene	ug/L	<0.0064	0.050	11/12/14 16:35	
2-Methylnaphthalene	ug/L	<0.0085	0.050	11/12/14 16:35	
Acenaphthene	ug/L	<0.0037	0.050	11/12/14 16:35	
Acenaphthylene	ug/L	<0.0032	0.050	11/12/14 16:35	
Anthracene	ug/L	<0.0026	0.050	11/12/14 16:35	
Benzo(a)anthracene	ug/L	<0.0034	0.050	11/12/14 16:35	
Benzo(a)pyrene	ug/L	<0.0027	0.050	11/12/14 16:35	
Benzo(b)fluoranthene	ug/L	<0.0052	0.050	11/12/14 16:35	
Benzo(g,h,i)perylene	ug/L	<0.0054	0.050	11/12/14 16:35	
Benzo(k)fluoranthene	ug/L	<0.0050	0.050	11/12/14 16:35	
Chrysene	ug/L	<0.0065	0.050	11/12/14 16:35	
Dibenz(a,h)anthracene	ug/L	<0.0035	0.050	11/12/14 16:35	
Fluoranthene	ug/L	<0.0052	0.050	11/12/14 16:35	
Fluorene	ug/L	<0.0030	0.050	11/12/14 16:35	
Indeno(1,2,3-cd)pyrene	ug/L	<0.0037	0.050	11/12/14 16:35	
Naphthalene	ug/L	0.0080J	0.050	11/12/14 16:35	
Phenanthrene	ug/L	<0.0090	0.050	11/12/14 16:35	
Pyrene	ug/L	<0.0060	0.050	11/12/14 16:35	
2-Fluorobiphenyl (S)	%	65	38-130	11/12/14 16:35	
Terphenyl-d14 (S)	%	91	18-145	11/12/14 16:35	

LABORATORY CONTROL SAMPLE & LCSD: 1080913 1080914

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1-Methylnaphthalene	ug/L	2	1.7	1.6	83	78	23-130	6	49	
2-Methylnaphthalene	ug/L	2	1.6	1.6	82	79	22-130	3	50	
Acenaphthene	ug/L	2	1.5	1.6	77	78	31-130	1	34	
Acenaphthylene	ug/L	2	1.5	1.5	73	74	31-130	2	37	
Anthracene	ug/L	2	1.6	1.6	82	82	26-130	0	35	
Benzo(a)anthracene	ug/L	2	1.6	1.6	81	81	47-130	1	27	
Benzo(a)pyrene	ug/L	2	1.7	1.7	87	86	41-130	1	28	
Benzo(b)fluoranthene	ug/L	2	1.8	1.8	91	91	37-130	0	27	
Benzo(g,h,i)perylene	ug/L	2	1.6	1.6	78	82	37-130	5	29	
Benzo(k)fluoranthene	ug/L	2	1.9	1.9	94	97	51-130	2	26	
Chrysene	ug/L	2	2.2	2.2	112	112	50-130	0	26	
Dibenz(a,h)anthracene	ug/L	2	1.4	1.4	70	72	34-130	3	30	
Fluoranthene	ug/L	2	1.6	1.8	80	89	49-130	10	26	
Fluorene	ug/L	2	1.5	1.6	74	80	30-130	8	34	
Indeno(1,2,3-cd)pyrene	ug/L	2	1.7	1.8	86	92	36-130	6	29	
Naphthalene	ug/L	2	1.4	1.3	69	67	24-130	4	40	

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REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: PARKS PIONEER
Pace Project No.: 40106840

LABORATORY CONTROL SAMPLE & LCSD: 1080913 1080914

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Phenanthrene	ug/L	2	1.8	1.8	88	90	39-130	2	30	
Pyrene	ug/L	2	2.1	2.1	103	104	47-130	1	25	
2-Fluorobiphenyl (S)	%				71	72	38-130			
Terphenyl-d14 (S)	%				92	93	18-145			

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QUALIFIERS

Project: PARKS PIONEER
Pace Project No.: 40106840

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

LOD - Limit of Detection.

LOQ - Limit of Quantitation.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-G Pace Analytical Services - Green Bay

BATCH QUALIFIERS

Batch: GCV/13532

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

Batch: MSSV/7400

[M5] A matrix spike/matrix spike duplicate was not performed for this batch due to insufficient sample volume.

ANALYTE QUALIFIERS

B Analyte was detected in the associated method blank.

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Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: PARKS PIONEER
Pace Project No.: 40106840

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40106840001	MW-1	WI MOD GRO	GCV/13532		
40106840002	MW-2	WI MOD GRO	GCV/13532		
40106840003	MW-3	WI MOD GRO	GCV/13532		
40106840004	MW-4	WI MOD GRO	GCV/13532		
40106840005	MW-5	WI MOD GRO	GCV/13532		
40106840006	MW-6	WI MOD GRO	GCV/13532		
40106840001	MW-1	EPA 3510	OEXT/25147	EPA 8270 by HVI	MSSV/7400
40106840002	MW-2	EPA 3510	OEXT/25147	EPA 8270 by HVI	MSSV/7400
40106840003	MW-3	EPA 3510	OEXT/25147	EPA 8270 by HVI	MSSV/7400
40106840004	MW-4	EPA 3510	OEXT/25147	EPA 8270 by HVI	MSSV/7400
40106840005	MW-5	EPA 3510	OEXT/25147	EPA 8270 by HVI	MSSV/7400
40106840006	MW-6	EPA 3510	OEXT/25147	EPA 8270 by HVI	MSSV/7400

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UPPER MIDWEST REGION
MN: 612-607-1700 WI: 920-469-2436

Pace Analytical®
www.pacelabs.com

SDW

CHAIN OF CUSTODY

*Preservation Codes
A=None B=HCL C=H2SO4 D=HNO3 E=DI Water F=Methanol G=NaOH
H=Sodium Bisulfate Solution I=Sodium Thiosulfate J=Other

(Please Print Clearly)

Company Name:	Chem Report
Branch/Location:	Kenosha
Project Contact:	Sean Crawley
Phone:	262-237-4351
Project Number:	
Project Name:	Parks Pioneer
Project State:	WI
Sampled By (Print):	Sean Crawley
Sampled By (Sign):	
PO #:	
Regulatory Program:	

Quote #:	PECFA U&C
Mail To Contact:	
Mail To Company:	
Mail To Address:	
Invoice To Contact:	
Invoice To Company:	
Invoice To Address:	
Invoice To Phone:	

Data Package Options (billable)
- ☐ EPA Level III
- ☐ EPA Level IV

MS/MSD
- ☐ On your sample (billable)
- ☐ NOT needed on your sample

Matrix Codes
A = Air, B = Biota, C = Charcoal, O = Oil, S = Soil, Sl = Sludge, W = Water, DW = Drinking Water, GW = Ground Water, SW = Surface Water, WW = Waste Water, WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	Analyses Requested			CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
FILTERED? (YES/NO)					Y/N	N	N			
PRESERVATION (CODE)*					Pick Letter	B	A			
						PVOCs Naphthalene	PAHs			
001	MW-1	11/7/14	1310	GW		X	X		3-40 ml vial	1-100 ml jar A
002	MW-2		1315							
003	MW-3		1320							
004	MW-4		1325							
005	MW-5		1300							
006	MW-6		1305							

Rush Turnaround Time Requested - Prelims
(Rush TAT subject to approval/surcharge)
Date Needed:

Transmit Prelim Rush Results by (complete what you want):

Email #1:	scrawley@chemreport.com
Email #2:	
Telephone:	
Fax:	

Samples on HOLD are subject to special pricing and release of liability

Relinquished By:	Date/Time:	Received By:	Date/Time:
	11/10/14 10:16	Mary Fanning	11/10/14 10:16
Mary Fanning	11/10/14 1430		
Corey Cologistics	11-11-14 0900		11-11-14 0400

PACE Project No. 40106840

Receipt Temp = 2.01 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal Present / Not Present Intact / Not Intact

Version 6.0, 08/14/06

C019a(27Jun2006)

Pace Analytical™

Sample Condition Upon Receipt

Pace Analytical Services, Inc.
1241 Bellevue Street, Suite 9
Green Bay, WI 54302

Project #: WO#: 40106840
40106840

Client Name: Chem Report

Courier: ☐ Fed Ex ☐ UPS ☐ Client ☐ Pace Other: Cslogistics

Tracking #:

Custody Seal on Cooler/Box Present: ☑ yes ☐ no Seals intact: ☑ yes ☐ no

Custody Seal on Samples Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Packing Material: ☑ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other

Thermometer Used NA **Type of Ice:** (Wet) Blue Dry None ☑ Samples on ice, cooling process has begun

Cooler Temperature Uncorr: Rol /Corr: **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☑ yes ☐ no

Temp should be above freezing to 6°C for all sample except Biota.
Frozen Biota Samples should be received ≤ 0°C.

Person examining contents:
Date: 11-11-14
Initials: KB

				Comments:
Chain of Custody Present:	☑Yes	☐No	☐N/A	1.
Chain of Custody Filled Out:	☑Yes	☐No	☐N/A	2.
Chain of Custody Relinquished:	☑Yes	☐No	☐N/A	3.
Sampler Name & Signature on COC:	☑Yes	☐No	☐N/A	4.
Samples Arrived within Hold Time:	☑Yes	☐No	☐N/A	5.
- VOA Samples frozen upon receipt	☐Yes	☐No		Date/Time:
Short Hold Time Analysis (<72hr): 11-11-14 KB	☑Yes	(☑No)	☐N/A	6.
Rush Turn Around Time Requested:	☐Yes	☑No	☐N/A	7.
Sufficient Volume:	☑Yes	☐No	☐N/A	8.
Correct Containers Used:	☑Yes	☐No	☐N/A	9.
-Pace Containers Used:	☑Yes	☐No	☐N/A	
-Pace IR Containers Used:	☐Yes	☐No	☑N/A	
Containers Intact:	☑Yes	☐No	☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☐No	☑N/A	11.
Sample Labels match COC:	☐Yes	☑No	☐N/A	12. No time on samples 11-11-14 KB
-Includes date/time/ID/Analysis Matrix: W				
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	☐Yes	☐No	☑N/A	13. ☐ HNO3 ☐ H2SO4 ☐ NaOH ☐ NaOH +ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	☐Yes	☐No	☑N/A	
exceptions: (VOA) coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	☑Yes	☐No		Initial when completed / Lab Std #ID of preservative / Date/Time:
Headspace in VOA Vials (>6mm):	☐Yes	☑No	☐N/A	14.
Trip Blank Present:	☐Yes	☑No	☐N/A	15.
Trip Blank Custody Seals Present	☐Yes	☐No	☑N/A	
Pace Trip Blank Lot # (if purchased):				

Client Notification/ Resolution: If checked, see attached form for additional comments ☐

Person Contacted: Date/Time:

Comments/ Resolution:

Project Manager Review: GB **Date:** 11/11/14

F-GB-C-031-Rev.02 (28Oct2013) SCUR Form

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number:
2. Page 1 of 1
3. Emergency Response Phone: 414-236-1083
4. Waste Tracking Number: 062002

5. Generator's Name and Mailing Address
Parks Pioneer Silver Street
1218 Frederick St.
Racine WI 53404
Attn: Miguel Vaguilla
Generator's Phone: 262 488 6767
Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: Badger Disposal of WI., Inc.
U.S. EPA ID Number: WID988580056

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

8. Designated Facility Name and Site Address
Badger Disposal of WI, Inc.
5611 West Hemlock Street
Milwaukee WI 53223
Facility's Phone: 414 760 9175
U.S. EPA ID Number: WID988580056

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non-regulated material	005	DM	275	G	NONE
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1)WS031195 Soil Boring Solids Emergency Contact: Badger Disposal 414-236-1083

14. **GENERATOR'S CERTIFICATION:** I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: (P) Sean Crawley
Signature: (X) Sean Crawley
Month 06 Day 20 Year 13

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: MICHAEL SHEPHARD
Signature: Michael Shephard
Month 06 Day 20 Year 13
Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Eric Key
Signature: Eric Key
Month 6 Day 20 Year 13

6-NHM-C-C-11

A DESIGNATED FACILITY TO GENERATOR

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

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number:
2. Page 1 of 1
3. Emergency Response Phone: 800-424-9300
4. Waste Tracking Number: 031021

5. Generator's Name and Mailing Address
Parks Pioneer Silver Street
1218 Frederick St.
Racine WI 53404
Generator's Phone: 262 488 6757

Att: Miguel Vaguilla

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

6. Transporter 1 Company Name: Badger Disposal of WI., Inc.
U.S. EPA ID Number: WID988580056

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

8. Designated Facility Name and Site Address
Badger Disposal of WI, Inc.
5611 West Hemlock Street
Milwaukee WI 53223
Facility's Phone: 414 760-9175
U.S. EPA ID Number: WID988580056

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
	1. Non-regulated material	002	DM	110	G	NONE
	2.					
	3.					
	4.					

13. Special Handling Instructions and Additional Information
1)WS038236 Well Purge Water Emergency Contact: CHEMTREC #CCN708044

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: Sean Crawley (consultant) Signature: [signature] Month 03 Day 11 Year 15

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: MICHAEL SHEPHERD Signature: [signature] Month 03 Day 11 Year 15
Transporter 2 Printed/Typed Name: Signature: Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Sarah Webster Signature: [signature] Month 3 Day 12 Year 15

GENERATOR — INT'L — TRANSPORTER — DESIGNATED FACILITY

6-NHM-C-C-11

2-DESIGNATED FACILITY TO GENERATOR

STATE OF WISCONSIN
Department of Safety and Professional Services

Governor Scott Walker **Secretary Dave Ross**

Mail to:
P.O. Box 8044
Madison, Wisconsin 53708-8044
TTY: (608) 267-2416
Fax: (608) 267-1381
Email: dsps@wisconsin.gov
Web: http://dsps.wi.gov

May 8, 2012

Miguel Veguilla
1506 Dr Martin Luther King Jr Dr
Racine, WI 53404

RE: **Public Bidding Deferred – Cost Cap Approved**

PECFA # 53404-3030-18-A DNR BRRTS # 03-52-203881
Parks Pioneer-Silver Steel, 1214 Frederick St, Racine

The Wisconsin Department of Safety and Professional Services (DSPS) working together with your consultant, Chem-Report, Inc. (Sean Cranley), has determined the initial phase of investigation work and its associated cost using the SPS 347, Wisconsin Administrative Code, Usual and Customary Cost Schedule (Cost Schedule). Due to the circumstances involved (recent Order for Default Judgment), all work incurred at the subject site will be under active DSPS cost management. Consequently, as per Comm 47.623(2) this site is subject to the public bidding process.

This site will be deferred from the public bidding process at this time. DSPS **approves** the costs for the initial phase of investigation work. A copy of the DSPS worksheet for the Cost Schedule tasks is enclosed for your reference. DSPS will contact you if this site will be bid in the future.

Deferment Cost Cap Approved: **$ 5,849.10**

Be reminded that annual web reports are required until this case is closed. Usual and customary costs for activities included in this approval will only be reimbursed at a rate equal to or less than what is allowed on the Cost Schedule, and are reimbursed based upon the Cost Schedule that is in effect at the time the activity is performed. Costs for activities not included in this approval are not reimbursable without prior DSPS authorization. Regulatory Correspondence (Task 7, Activity RC05), Claim Submittal (Task 27, Activity CS05) and Standardized Invoice (Task 28, Activity SI05) costs are not included in the cap approved above. These activities will be reimbursed according to the task specifications and with submittal of proper supporting documentation at claim review time.

DSPS considers the consultant the primary controller of costs during these activities. This approval does not guarantee eligibility of any specific costs that have been incurred or that may be incurred in the future. Final determination regarding the eligibility of costs will be made by the claim reviewer when the entire claim, including all invoices and reports, is submitted for payment.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (608) 264-8766.

Sincerely,

David Swimm PG
Advanced Hydrogeologist, Site Review Section

Enclosure: Usual and Customary Cost Schedule Worksheet

cc: Sean Cranley, Chem-Report, Inc

Usual & Customary Cost Schedule Worksheet #11 (effective January 1, 2012)

PECFA #:	53404-3030-18
Site Name:	Parks Pioneer
Site Address:	1218 Fredrick St., Racine, Wi
Date:	May 7, 2012

Grand Total
$5,849.10

actual

#	Task	Provider	Ref Code	Activity Reference Code Description	Unit	Units	Unit Cost	Total Cost	Notes
12	Direct Push	Consultant	DP05	0 - 24 ft bgs W/ Continuous Soil Sampling	ft	160	$5.10	$ 816.00	63'
12	Direct Push	Consultant	DP30	Primary Mob/Demob	Site	1	$487.70	$ 487.70	✓
12	Direct Push	Commodity	DP35	0 - 24 ft bgs W/ Continuous Soil Sampling	ft	160	$6.60	$ 1,056.00	63'
12	Direct Push	Commodity	DP60	Borehole Abandonment	ft	160	$1.20	$ 192.00	63'
12	Direct Push	Commodity	DP65	Concrete Penetration	Each	5	$19.10	$ 95.50	∅
12	Direct Push	Commodity	DP80	Mob/Demob (Includes Decon)	Site	1	$501.00	$ 501.00	✓
15	Miscellaneous Drilling Activities and Supplies		MDT21	Drum 55 gallon DOT steel	Drum	1	$52.50	$ 52.50	✓
24	Soil Sample	Laboratory	S2	DRO	Sample	18	$28.90	$ 520.20	$829.40
24	Soil Sample	Laboratory	S4	PVOC	Sample	18	$24.60	$ 442.80	
24	Soil Sample	Laboratory	S9	PAH	Sample	18	$69.50	$ 1,251.00	
24	Soil Sample	Lab	S10	Lead	Sample	6	$11.80	$ 70.80	
36	Change Order Request		COR05	Change Order Request	Change Order	1	$363.60	$ 363.60	✓
							Grand Total	$ 5,849.10	

+ Standard rate

3063.70 incurred
− 16.80 under previous cap.
3046.90

Usual & Customary Standardized Invoice

PECFA #: 53404-3030-18 **Vendor Name:** ChemReport, Inc.

BRRT's #: 03-52-203881 **Invoice #:** CHANGE ORDER REQUEST COST ESTIMATE

Site Name: Parks Pioneer (Silver Steel) **Invoice Date:** 10/3/2012

Site Address: 1214 Frederick St. **Check #:** _____

Personal information you provide may be used for a secondary purposes [Privacy Law, s. 15.04 (1) (m), Stats.].

TASK CODE/ACTIVITY REFERENCE CODE	TASK DESCRIPTIONS/ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAXIMUM REIMBURSEABLE UNIT COST	UNITS INVOICED	UNIT COST CLAIMED	AMOUNT CLAIMED	
4	WASTE DISPOSAL						
	CONSULTANT SERVICES						
WD05	Consultant Coordination	SITE	$130.60	1.00	$ 130.60	$ 130.60	
	COMMODITY SERVICES						
WD15	Drill Cuttings	DRUM	$103.00	8.00	$ 103.00	$ 824.00	
WD17	Landfill Environmental Fee (support documentation must be provided)	ACTUAL COST	ACTUAL COST				
WD25	Primary Mob/Demob	SITE	$274.00	1.00	$ 274.00	$ 274.00	
5	CLOSURE REQUEST						
CR15	GIS Packet Submittal (For Source Property only)	PACKET	$483.20	1.00	$ 483.20	$ 483.20	
12	DIRECT PUSH						
	CONSULTANT SERVICES						
DP20	Groundwater Sample Collection (to be used in conjunction with activity DP05 or DP10)	EACH	$34.30	~~8.00~~ 6	$ 34.30	$ 274.40	(68.60)
13	DRILLING						
	CONSULTANT SERVICES						
13.a	CONSULTANT OVERSIGHT DRILLING IN UNCONSOLIDATED SOILS - WITH SOIL SAMPLING						
partial ✓ DR05	For depth interval 0 - 25 ft bgs	FT	$5.10	120.00	$ 5.10	$ 612.00	
✓ DR20	Primary Mob/Demob	SITE	$564.80	1.00	$ 564.80	$ 564.80	
	COMMODITY SERVICES						
13.d	DRILLING IN UNCONSOLIDATED SOILS - WITH SOIL SAMPLING						
partial ✓ DR45	0 - 25 ft bgs	FT	$15.90	120.00	$ 15.90	$ 1,908.00	
14	MONITORING WELL INSTALLATION						
	CONSULTANT SERVICES						
	CONSULTANT OVERSIGHT MONITORING WELL INSTALLATION						
partial ✓ MWI05	0 - 25 ft bgs	FT	$3.70	120.00	$ 3.70	$ 444.00	
	COMMODITY SERVICES						
MWI15	2 inch PVC Casing	FT	$15.90	120.00	$ 15.90	$ 1,908.00	
15	MISCELLANEOUS DRILLING ACTIVITIES AND SUPPLIES						
✓ MDT05	Drill Rig Mob/Demob (includes decontamination)	MOB/DEMOB	$917.50	1.00	$ 917.50	$ 917.50	
✓ MDT10	Well Cover/flushmount	EACH	$193.00	~~8.00~~ 6	$ 193.00	$ 1,544.00	(386)
MDT15	Stickup Well Cover	EACH	$156.10		$ -	$ -	
MDT20	Bumper Guard Posts	EACH	$66.00		$ -	$ -	
partial ✓ MDT21	Drum 55-gallon DOT steel	DRUM	$52.50	8.00	$ 52.50	$ 420.00	
MDT35	Borehole Abandonment	FT	$5.20	120.00	$ 5.20	$ 624.00	
partial ✓ MDT40	Concrete Penetration	EACH	$69.40	~~8.00~~ 2	$ 69.40	$ ~~555.20~~	(416.40)
22	SOIL INVESTIGATION REPORT						
partial ✓ SIR05	Soil Investigation Report	REPORT	$3,172.30		$ 3,172.30	$ 3,172.30	
23	SOIL AND GROUNDWATER INVESTIGATION REPORT						
SGIR05	Soil and Groundwater Investigation Report	REPORT	$4,728.90		$ -		
33	SCHEDULE OF LABORATORY MAXIMUMS	SEE ATTACHED SCHEDULE				$ 807.60	1.20 e
35	CAP MAINTENANCE PLAN						
✓ CMP05	Cap Maintenance Plan	PLAN	$304.80	1.00	$ 304.80	$ 304.80	
					TOTAL AMOUNT CLAIMED	$ 15,768.40	

add CO 363.60
add well decl 843.00
16105.80 ✓

Effective Schedule Date: July 2012 to December 2012--Schedule #12

SOILS	S8	SPLP Extraction VOC only	SAMPLE	$48.20		$ -	$ -		$0.00	$48.20
	S9	PAH	SAMPLE	$69.50	6	$ 69.50	$ 417.00		$0.00	$69.50
	S10	Lead	SAMPLE	$11.80	6	$ 11.80	$ 70.80		$0.00	$11.80
	S15	Grain Size - wet	SAMPLE	$54.60		$ -	$ -			
	S16	Bulk Density	SAMPLE	$12.90		$ -	$ -			
	S17	Permeability	SAMPLE	$39.60		$ -	$ -			
	S18	Nitrogen as Total Kjeldahl	SAMPLE	$19.30		$ -	$ -			
			TASK 33 TOTAL		$ 807.60					
				TASK 24 TOTAL		$ -				
					TOTAL LAB CHARGES		$ 807.60			

Effective Schedule Date: July 2012 to
December 2012--Schedule #12

MATRIX	ANALYTE REFERENCE CODE	REIMBURSABLE ANALYTE	UNITS	MAXIMUM REIMBURSABLE UNIT COST	UNITS INVOICED	UNIT COST CLAIMED	AMOUNT CLAIMED TASK 33	AMOUNT CLAIMED TASK 24	
WATER	W4	PVOC + Naphthalene	SAMPLE	**$28.90**	6	$ 28.90 ~~28.70~~	$ 172.20		
	W5	VOC	SAMPLE	**$68.50**		$ -	$ -		
	W6	PAH	SAMPLE	**$69.50**		$ 69.50	$ -		
	W7	Lead	SAMPLE	**$11.80**		$ -	$ -		
	W8	Cadmium	SAMPLE	**$12.90**		$ -	$ -		
	W9	Hardness	SAMPLE	**$11.80**		$ -	$ -		
	W10	BOD, Total	SAMPLE	**$22.50**		$ -	$ -		
	W11	Nitrate	SAMPLE	**$10.70**		$ -	$ -		
	W12	Total Kjeldahl	SAMPLE	**$19.30**		$ -	$ -		
	W13	Ammonia	SAMPLE	**$16.10**		$ -	$ -		
	W14	Sulfate	SAMPLE	**$9.70**		$ -	$ -		
	S4	PVOC	SAMPLE	**$24.60**	6	$ 24.60	$ 147.60	**$0.00**	**$24.60**
	S5	PVOC + 1,2 DCA + Naphthalene	SAMPLE	**$47.10**		$ -	$ -	**$0.00**	**$47.10**
	S6	PVOC + Naphthalene	SAMPLE	**$34.30**		$ -	$ -	**$0.00**	**$34.30**
	S7	VOC	SAMPLE	**$68.50**		$ -	$ -	**$0.00**	**$68.50**

Swimm, David E - DSPS

From: sean Cranley [seanCranley@chemreport.com]
Sent: Monday, May 07, 2012 2:45 PM
To: Swimm, David E - DSPS
Subject: RE: Parks Pioneer site - Miguel Veguilla

David,

That sounds like a good plan and I'm fine with the revised budget.

Thanks,

Sean

Steps:
→ declare site is subject to public bidding
→ deferment CO cap applicable
∴ no "institutional" cap (i.e., no $20k cap)

From: Swimm, David E - DSPS [mailto:David.Swimm@Wisconsin.gov]
Sent: Monday, May 07, 2012 2:37 PM
To: sean Cranley
Subject: RE: Parks Pioneer site - Miguel Veguilla

Sean,

Please find a revised cost schedule attached. I added analytical samples and a waste drum, and deleted the letter report and waste disposal. Regarding reporting, lets see what we get from the field, perhaps you could just do everything through an investigation report (i.e., request closure too). If not based on the field results, I'll approve the letter report. Same with waste. Lets just use the drum and if no more work than dispose, otherwise store more drill cuttings. I'll approve either way. I also added some DRO sampling so we can associate PAH contamination, if present, with the petroleum. The analytical can be modified as we do the field work.

Regarding the aerial photo you sent, the southernmost bldg (nearest #"106") may not be on the property. Guess we will see in the field.
The tank system might be showing behind the next most southern bldg (nearest #"0807"). I think you already mentioned that on the phone.

Let me know if you are OK with the attached budget.
If so, I will send out an approval letter and that will allow the Agent process to start, and you can schedule the probe.

As I said, I need to be present during the probing so we can work the budget iteratively.
So, for scheduling please give me some lead time and I can pencil in the day, so nothing else can interrupt.
Presently, I am not available on Monday 5/14.

Thanks

David Swimm
Advanced Hydrogeologist/Professional Geologist
Division of Environmental Services
Wisconsin Department of Safety and Professional Services
phone: (608) 264-8766
fax: (608) 267-1381
email: David.Swimm@Wisconsin.gov

From: sean Cranley [mailto:seanCranley@chemreport.com]

Swimm, David E - DSPS

From: sean Cranley [seanCranley@chemreport.com]
Sent: Thursday, May 03, 2012 4:05 PM
To: Swimm, David E - DSPS
Subject: RE: Parks Pioneer site - Miguel Veguilla
Attachments: RacineCo 2000.pdf

David,

Attached is the oldest (2000) aerial on the Racine Co. website. It shows the buildings pretty well and it looks like there is something, possibly disturbed soils, to the west of the southernmost building, while nothing of note is visible to the west of the other two buildings. By 2005, the next photo, the buildings have been demolished.

Thanks,

Sean

From: Swimm, David E - DSPS [mailto:David.Swimm@Wisconsin.gov]
Sent: Thursday, May 03, 2012 1:37 PM
To: sean Cranley
Subject: RE: Parks Pioneer site - Miguel Veguilla

Sean,

When can we discuss a workscope?

From: sean Cranley [mailto:seanCranley@chemreport.com]
Sent: Thursday, April 26, 2012 12:41 PM
To: Swimm, David E - DSPS
Subject: RE: Parks Pioneer site - Miguel Veguilla

Yeah, I got them David. I haven't had a chance to look at them in detail. I will be out of the office until Monday, but should have time next week to work with you on plan development.

Thanks,

Sean

From: Swimm, David E - DSPS [mailto:David.Swimm@Wisconsin.gov]
Sent: Thursday, April 26, 2012 12:13 PM
To: sean Cranley
Subject: Parks Pioneer site - Miguel Veguilla

Sean,

I sent you some aerial photos on Tuesday afternoon. Please confirm that you have received. If not, I can re-sent.

Swimm, David E - DSPS

From: sean Cranley [seanCranley@chemreport.com]
Sent: Thursday, May 03, 2012 4:36 PM
To: Swimm, David E - DSPS
Subject: RE: Parks Pioneer site - Miguei Veguilla
Attachments: Cost Estimate 050312 SCHEDULE_11.xls

David,

Attached is the estimated cost for direct-push soil sampling at the above-referenced site. As we discussed, since the former location of the UST system is uncertain, we will advance exploratory borings to locate the source area based on the assumption that the building depicted in the Advent SIWP is the southernmost building that was onsite prior to demolition. Once the source area is located we will conduct soil sampling in an attempt to define the magnitude and extent of the soil contamination.

Please let me know if you have any questions.

Thank you,

Sean

From: Swimm, David E - DSPS [mailto:David.Swimm@Wisconsin.gov]
Sent: Thursday, May 03, 2012 1:37 PM
To: sean Cranley
Subject: RE: Parks Pioneer site - Miguel Veguilla

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To: Swimm, David E - DSPS
Subject: RE: Parks Pioneer site - Miguel Veguilla

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From: Swimm, David E - DSPS [mailto:David.Swimm@Wisconsin.gov]
Sent: Thursday, April 26, 2012 12:13 PM
To: sean Cranley
Subject: Parks Pioneer site - Miguel Veguilla

Sean,

I sent you some aerial photos on Tuesday afternoon. Please confirm that you have received. If not, I can re-sent.

As I mentioned in my Tuesday email, once you have had a chance to review, we should discuss a workscope, so that a budget can be established.

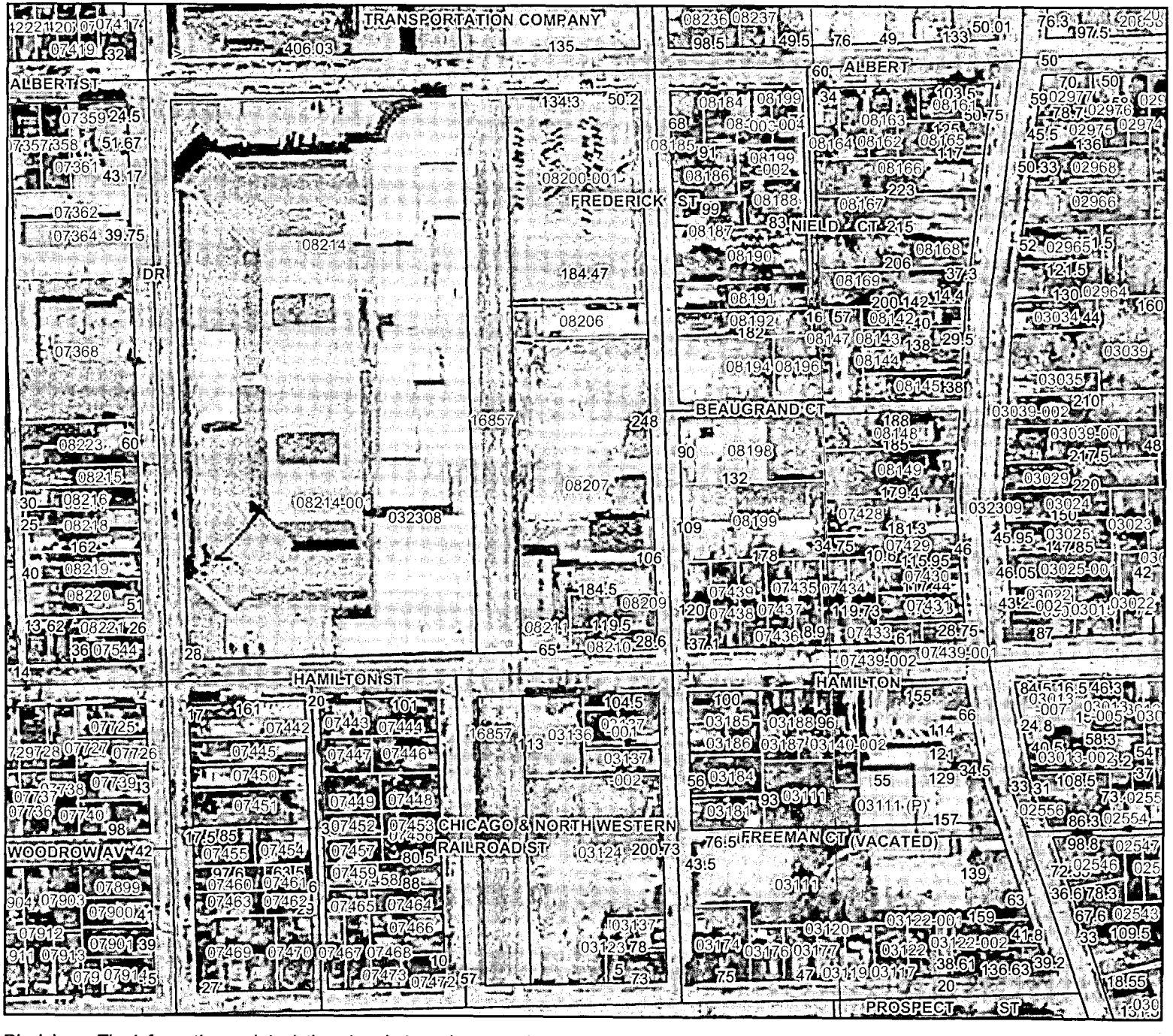
Please let me know a time that we can discuss a workscope so that I can pencil it into my schedule. Getting a budget established is necessary before the Agent process can move forward.

Thanks

David Swimm
Advanced Hydrogeologist/Professional Geologist
Division of Environmental Services
Wisconsin Department of Safety and Professional Services
phone: (608) 264-8766
fax: (608) 267-1381
email: David.Swimm@Wisconsin.gov

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.1913 / Virus Database: 2411/4960 - Release Date: 04/26/12

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.1913 / Virus Database: 2425/4975 - Release Date: 05/03/12



Racine County CORAGIS Project

N
W E
S

1 inch = 200 feet

Printed 5/3/2012

Disclaimer: The information and depictions herein have been produced using data available through photogrametric means by Racine County. The information and depictions herein are for informational purposes and Racine County specifically disclaims accuracy in this production and specifically admonishes and advises that any and all depiction, measurements, distances depicted herein and as to which specific or precise accuracy is required should be determined by procurement of certified maps, surveys, plats, Flood Insurance Studies, or other official means.

TASK CODE/ACTIVITY REFERENCE CODE	TASK DESCRIPTIONS/ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAXIMUM REIMBURSEABLE UNIT COST	UNITS INVOICED	UNIT COST CLAIMED	AMOUNT CLAIMED	
4	**WASTE DISPOSAL**						
	CONSULTANT SERVICES						
WD05	Consultant Coordination	SITE	$130.60	1.00	$ 130.60	$ 130.60	ℓ wait
	COMMODITY SERVICES						
WD10	Groundwater Sample and/or Purge	DRUM	$40.10		$ -	$ -	
WD15	Drill Cuttings	DRUM	$103.00	1.00	$ 103.00	$ 103.00	ℓ wait
WD17	Landfill Environmental Fee (support documentation must be provided)	ACTUAL COST	ACTUAL COST				
WD20	Free Product	DRUM	$113.10		$ -	$ -	
WD25	Primary Mob/Demob	SITE	$274.00	1.00	$ 274.00	$ 274.00	ℓ wait
6	**LETTER REPORT/ADDENDUM**						
LRA05	Letter Report/Addendum	LETTER	$989.80		$ 989.80	$ 989.80	wait, maybe a SIR

misc. include drum.

Usual & Customary Standardized Invoice

PECFA #: 53404-3030-18

Vendor Name: ChemReport, Inc.

BRRT's #: 03-52-203881

Invoice #: _____

Site Name: Parks Pioneer (Silver Steel)

Invoice Date: 5/3/2012

Site Address: 1214 Frederick St.

Check #: _____

Personal information you provide may be used for a secondary purposes [Privacy Law, s. 15.04 (1) (m), Stats.].

TASK CODE/ACTIVITY REFERENCE CODE	TASK DESCRIPTIONS/ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAXIMUM REIMBURSEABLE UNIT COST	UNITS INVOICED	UNIT COST CLAIMED	AMOUNT CLAIMED

TASK CODE/ACTIVITY REFERENCE CODE	TASK DESCRIPTIONS/ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAXIMUM REIMBURSEABLE UNIT COST	UNITS INVOICED	UNIT COST CLAIMED	AMOUNT CLAIMED
12	DIRECT PUSH					
	CONSULTANT SERVICES					
DP05	0 - 24 ft bgs W/ Continuous Soil Sampling	FT	$5.10	160.00	$ 5.10	$ 816.00
DP10	> 24 ft bgs W/ Continuous Soil Sampling	FT	$5.70		$ -	$ -
DP15	Groundwater Profiling (No Soil Sampling)	FT	$2.20		$ -	$ -
DP20	Groundwater Sample Collection (to be used in conjunction with activity DP05 or DP10)	EACH	$34.30		$ -	$ -
DP25	Temporary Well Installation	EACH	$47.50		$ -	$ -
DP30	Primary Mob/Demob	SITE	$487.70	1.00	$ 487.70	$ 487.70
	COMMODITY SERVICES					
DP35	0 - 24 ft bgs W/ Continuous Soil Sampling	FT	$6.60	160.00	$ 6.60	$ 1,056.00
DP40	> 24 ft bgs W/ Continuous Soil Sampling	FT	$8.60		$ -	$ -
DP45	Groundwater Profiling (no soil sampling)	FT	$6.20		$ -	$ -
DP50	Groundwater Sample Collection (cost for tubing)	FT	$0.40		$ -	$ -
DP55	Expendable Drive Point	EACH	$13.80		$ -	$ -
DP60	Borehole Abandonment	FT	$1.20	160.00	$ 1.20	$ 192.00
DP65	Concrete Penetration	EACH	$19.10	5.00	$ 19.10	$ 95.50
DP70	Groundwater Sample Collection (to be used in conjunction with activity DP35 or DP40)	EACH	$37.40		$ -	$ -
DP75	Temporary Well Installation (use DP45 to advance this borehole)	FT	$5.00		$ -	$ -
DP80	Mob/Demob (Includes Decon)	SITE	$501.00	1.00	$ 501.00	$ 501.00

PAH, PVOC+n
Pb

160 ft ~ 10 @ 16'

assume 2 sampler/boring 7 } (PAH + PVOC+n)* 17→18
1 Sample/boring 3

+6 Pb

TASK CODE/ACTIVITY REFERENCE CODE	TASK DESCRIPTIONS/ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAXIMUM REIMBURSEABLE UNIT COST	UNITS INVOICED	UNIT COST CLAIMED	AMOUNT CLAIMED

TASK CODE/ACTIVITY REFERENCE CODE	TASK DESCRIPTIONS/ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAXIMUM REIMBURSEABLE UNIT COST	UNITS INVOICED	UNIT COST CLAIMED	AMOUNT CLAIMED
33	SCHEDULE OF LABORATORY MAXIMUMS	SEE ATTACHED SCHEDULE				$ 1,429.60
36	CHANGE ORDER REQUEST (includes cost cap exceedence requests)					
COR05	Change Order Request	CHANGE ORDER	$363.60	1.00	$ 363.60	$ 363.60
					TOTAL AMOUNT CLAIMED	$ 6,491.30

TASK CODE/ACTIVITY REFERENCE CODE	TASK DESCRIPTIONS/ACTIVITY REFERENCE CODE DESCRIPTION	UNIT	MAXIMUM REIMBURSEABLE UNIT COST	UNITS INVOICED	UNIT COST CLAIMED	AMOUNT CLAIMED

STATE OF WISCONSIN
DEPARTMENT OF JUSTICE

J.B. VAN HOLLEN
ATTORNEY GENERAL

Kevin M. St. John
Deputy Attorney General

Steven P. Means
Executive Assistant

17 W. Main Street
P.O. Box 7857
Madison, WI 53707-7857
www.doj.state.wi.us

Cynthia Hirsch
Assistant Attorney General
hirschcr@doj.state.wi.us
608/266-3861
FAX 608/266-2250

April 17, 2012

Mr. Miguel Veguilla
1506 Dr. Martin Luther King Drive
Racine, WI 53404

Re: *State of Wisconsin v. Miguel Veguilla, LLC, d/b/a Parks Pioneer-Silver Steel*
Racine County Circuit Court Case No. 11-CX-3

Dear Mr. Veguilla:

This letter is in response to Judge Nieskes' request that the State follow up with you and the Wisconsin Department of Safety and Professional Services (DSPS) regarding the forms you presented to the Court at the Default Motion Hearing on March 26, 2012.

We have learned that on February 1, 2012, DSPS received from you an Application for Waiver/Deferral of PECFA Deductible, Agent Assignment Certification, and Taxpayer Identification Number (TIN) Verification form. DSPS is currently processing these forms. Once DSPS has completed processing the forms, someone will contact you and your agency-approved agent, Mr. Sean Cranley. They will assist you in making sure that the petroleum contamination at your property is properly investigated and cleaned up.

Please contact me at (608) 266-3861, or Attorney Bradley J. Motl at (608) 267-0505, if you would like to discuss this matter further. We have been told that you should expect to hear from DSPS after it finishes processing your forms.

Sincerely,

Cynthia R. Hirsch
Assistant Attorney General

CRH:kmr

c: The Honorable Michael E. Nieskes, Racine County Circuit Court, Branch 5
Laura M. Varriale, DSPS (via email)

Swimm, David E - DSPS

From: Alles, Andy J - DSPS
Sent: Wednesday, March 28, 2012 3:30 PM
To: Motl, Bradley J - DOJ
Cc: Scott, Eric - DSPS; Swimm, David E - DSPS
Subject: RE: State v. Veguilla

Hi Brad,

Mr. David Swimm has temporarily taken over PECFA occurrences regarding the City of Racine, 534 zip code. I sent an e-mail to David Swimm, Advanced Hydrogeologist and Eric Scott, PECFA Site Review Supervisor requesting they contact yourself regarding your e-mail. Thanks.

Please have a good day.

Andy

Andy Alles,
Hydrogeologist
Department of Safety and Professional Services,
ERS Division,
PECFA Bureau
(608) 261-8509
Andy.Alles@Wisconsin.gov

From: Motl, Bradley J. [mailto:motlbj@doj.state.wi.us]
Sent: Tuesday, March 27, 2012 10:34 AM
To: Varriale, Laura M - DSPS; Alles, Andy J - DSPS
Cc: Hirsch, Cynthia R - DOJ
Subject: State v. Veguilla

Hello Laura and Andy,
Cynthia and I had our default motion hearing yesterday in the State v. Veguilla case. Mr. Veguilla showed up at the hearing, and brought documents (attached) showing that he had signed the "Agent Assignment Certification Scope of Work" document required for PECFA reimbursement. Despite the signed form, the Judge granted our motion and ordered an injunction requiring Mr. Veguilla to have the site inspection and pay approximately $37,000 in forfeitures, surcharges, and fees (see attached Order). The Judge wants us to work with Mr. Veguilla to get the site work done. The Judge mentioned that if Mr. Veguilla does what is asked of him, maybe there would be a way to reduce the forfeitures.

Andy, I left you a phone message today. Could you please determine if Mr. Veguilla has actually submitted the attached documents to the DSPS. He claims that his proposed agent, Sean Cranley, submitted the documents (I don't know when). Also, could you please determine if Mr. Cranley is a PECFA approved agent. If you could give me a call back sometime this week, I would appreciate it. I should be in every morning this week.

2/1/12

also Waiver of deductible

Thanks. If you have any questions, please feel free to email or call me.
Brad

Bradley J. Motl
Volunteer Attorney
Wisconsin Department of Justice
P.O. Box 7857
Madison, WI 53707-7857
(608)267-0505 (tel)
(608)266-2250 (fax)

Notice: This E-mail may contain confidential information protected from disclosure by attorney-client privilege or attorney work product doctrine. If you are not the intended recipient, please contact the sender so that confidentiality may be maintained. Thank you.

STATE OF WISCONSIN | CIRCUIT COURT BRANCH 5 | RACINE COUNTY

STATE OF WISCONSIN,

Plaintiff,

v.

Case No. 11-CX-3

MIGUEL VEGUILLA,
d/b/a Parks Pioneer-Silver Steel,

Complex Forfeiture: 30109

Defendant.

FILED

MAR 26 2012

CLERK OF CIRCUIT COURTS
RACINE COUNTY

ORDER FOR DEFAULT JUDGMENT

The Court heard plaintiff's motion for default judgment on March 26, 2012. Plaintiff State of Wisconsin appeared by its attorneys, Assistant Attorney General Cynthia R. Hirsch and Department of Justice volunteer attorney Bradley Motl. Defendant Miguel Veguilla (appeared) ~~(failed to appear)~~ after proper notice.

The Court reviewed the pleadings and the record in this case and concluded that: 1) the Court has jurisdiction over the defendant and the State's claims, inasmuch as the defendant was properly served with an authenticated copy of the Summons and Complaint by personal service on December 9, 2011, 2) the defendant failed to file an Answer or other response to the State's Complaint, and 3) the defendant violated state regulations and Department of Safety and Professional Services (DSPS) orders with respect to his property at 1214 Frederick Street, Racine, Racine County, Wisconsin (Frederick Site), as alleged in the Complaint, for a total of 1,449 violations.

Based on the pleadings and the record in this case,

IT IS HEREBY ORDERED that default judgment be entered in favor of the plaintiff, State of Wisconsin and against the defendant, Miguel Veguilla, d/b/a Parks Pioneer-Silver Steel, for statutory forfeitures, pursuant to Wis. Stat §§ 292.99(1) and 101.02(12) and (13)(a), of $28,980 (1,449 violations x $20), plus statutory surcharges and costs of $7,952.10, for a total judgment of $36,932.10. The judgment shall be docketed pursuant to Wis. Stat. § 806.10(1).

IT IS FURTHER ORDERED that the defendant shall be required to fully comply with the February 18, 2010, DSPS State Order requiring that the defendant bring the Frederick Site property into compliance with Wis. Stat. § 292.11(3).

To comply with the DSPS order, defendant Veguilla must hire an environmental consulting firm to conduct a site investigation of the property. This site is eligible for Petroleum Environmental Cleanup Fund Award (PECFA) funding reimbursement of costs. If defendant Veguilla wishes to avail himself of his eligibility for PECFA reimbursement, the environmental consultant hired must be registered as a PECFA consultant. The site investigation should include six soil borings surrounding the former tank basin areas including the former pump island. Each soil boring should be drilled to twenty feet or until bedrock is reached, whichever is the shorter distance. Two soil samples should be collected from each soil boring. One soil sample should be taken at the highest photoionization detector reading and the second soil sample from the bottom of the soil boring. The soil samples with chain of custody documentation shall be submitted for analytical testing of full volatile organic compounds. The results of the analytical testing

shall be submitted to the environmental consultant and the DSPS staff member who is project manager. After the site investigation, defendant Veguilla must perform all remedial actions the DSPS determines necessary for Veguilla to comply with Wis. Stat. § 292.11(3).

Dated this 26th day of March, 2012.

BY THE COURT:

The Honorable Michael E. Nieskes
Circuit Court Judge, Branch 5

Bureau of PECFA
PO Box 7838
Madison WI 53707-7838
(608) 267-3753

FORM 6
AGENT ASSIGNMENT CERTIFICATION
SCOPE OF WORK

Personal information you provide may be used for secondary purposes [Privacy Law, s. 15.04(1)(m)].

RECEIVED
FEB 01 2012
ERS DIVISION

SEE INSTRUCTIONS ON THE BACK OF THIS PAGE

A. PECFA NUMBER: 53404-3030-18-

Comm 47: An owner or operator or the person owning a home oil tank system may, with the written approval of the Department, enter into a written agreement with a PECFA registered consultant to act as an agent. **The consultant as agent, in order to receive payment under the fund, must be pre-approved by the Department of Safety and Professional Services (DSPS) and shall agree to complete the scope of work.** The agent and the owner, operator, or person owning the home oil tank system shall jointly submit a claim for an award after completing all applicable requirements under this chapter. An award made shall be made payable to both the agent and owner, operator or person owning the home oil tank system.

PART 1 BACKGROUND INFORMATION

B. Claimant's Name: Miguel Vegvilla	F. Remedial Action Site Name (if business): Parks Pioneer (Silver Steel)
C. Street Address: 1506 Dr. Martin Luther King Jr. Dr.	G. Remedial Action Site Address: 1214 Frederick St.
D. City, State, Zip Code: Racine, WI 53404	H. City, State, Zip Code: Racine, WI 53404
E. Claimant's Telephone Number: (262) 488-6767	I. Telephone Number of Site: ( )
J. Claimant is: ☐ Owner ☐ Operator	☐ Other-please specify
K. Agent's Name: Sean Cranley	O. Agent's Company Name and Contact Person: ChemReport, Inc.
L. Street Address: 4515 Washington Rd.	P. Street Address: 4515 Washington Rd.
M. City, State, Zip Code: Kenosha, WI 53144	Q. City, State, Zip Code: Kenosha, WI 53144
N. Agent's Telephone Number: (262) 654-7020	R. Agent's Company's Telephone Number: (262) 654-7020 scranley@chemrep.com

PART II ASSIGNMENT CERTIFICATION

I, S. Miguel Vegvilla (claimant), assign to T. Sean Cranley of ChemReport, Inc. (agent) the right to act as my agent and to submit a claim on my behalf, for the purposes of a petroleum storage remedial action award under s. 101.143, Wis. Stats., for eligible costs of remedial action activities at U. Parks Pioneer (Silver Steel) (remedial action site) in response to the petroleum product discharge that was reported in accordance with s. 101.143 (3) (a) 5 and 144.76, Wis. Stats., to The Department of Natural Resources on V. 11/5/98 (date reported).

PART III CLAIMANT AND NOTARY SIGNATURES

In the event I am unable or unavailable to sign the award check, I authorize my agent to sign and accept award without my signature for deposit at their lending institution.

An assignment of an agent for the purpose of submitting a claim under s. 101.143, Wis. Stats., does not constitute an assignment of a claimant's liability under s. 144.76 Wis. Stats., or of a claimant's liability under any other local, state or federal law.

Claimant's Name (Print or Type): W. Miguel Vegvilla

Claimant's Signature: X. Miguel Vegvilla

Date Signed: Y. 1/27/2012

Notary Public, State of Wisconsin: Z. [signature]

Subscribed and sworn to before me this date: AA. 1-27-12

My commission expires: AB. 6-24-12

STATE OF WISCONSIN — TIFFANIE BURGER QUELLAR — NOTARY PUBLIC

All agent assignments are subject to pre-approval by the Department of Commerce

ERS-8079 (R. 07/11)

Please make a copy for your records

FAX COVER SHEET

Wisconsin
Department of Commerce

PO BOX 7838
Madison, Wisconsin 53707
BUREAU OF PECFA
(608)266-3723
www.commerce.state.wi.us

Date Sent: September 27, 2011

Pages Sent (excluding this cover): 5

TO: Sean Cranley
Chem Report Inc.

FROM: Andy Aller
DSPS, ERS Division, PECFA Bureau
Madison, WI

FAX #: 262-654-7025

FAX #: 608-267-1381

PHONE: 262-654-7020

PHONE: 608-261-8509

Special Instructions:

Per your request, a copy of most of the work plan from the file.

Packs Pioneer (Silver Steel)
1214 Frederick Street
Racine, WI
PECFA # 53404-3030-18 BRRTS # 03-52-203881

This message is intended only for the addressee and may contain information that is confidential. Use by any unauthorized party is strictly prohibited. If you received this communication in error, please telephone the sender and return the original message by mail. Thank you.

If there were any problems with the transmission or not all pages were received, please contact sender immediately at sender's telephone number above.

SITE INVESTIGATION

WORK PLAN per NR 716.09

(A) Site Name and Location: Parks Pioneer – 1218 Silver Steel
1218 Frederick Street
Racine, Wisconsin 53404
SE¼, NE¼, Sec. 8, T.3N., R.22E.
Figure 1 illustrates the site location.
WDNR FID#: 252228240; BRRTS #: 03-52-203881

(B) Responsible Party: Mr. Myron Parks
Parks Pioneer Corporation
4320 North 35th Street
Milwaukee, Wisconsin 53216

Consuitant: Advent Environmental Services, Inc.
P.O. Box 277
Mequon, WI 53092
Contact: Christopher Armes (414) 371-5020 ext. 3008
Advent Project Number 980186.01

Objective

1) To define the extent and degree of soil contamination associated with the underground storage tank (UST) system release. 2) To evaluate potential impact to local water supply wells, wetlands, sensitive ecosystems, and potential migration pathways. 3) To evaluate the need for site remediation and the applicability of selected remediation methods.

(C) Figures

Site location and site features maps are attached.

(D) Site Investigation Scoping

On October 7, 1998, Advent closed by removal the following USTs :

- One 8,000-gallon diesel fuel, coated steel UST (Tank ID #510100609)
- One 550-gallon leaded gasoline, steel UST (Not Registered)

We identified petroleum contamination associated with the UST system.

The 8,000-gallon diesel UST was used to refuel fleet vehicles and was registered. One 550-gallon gasoline (leaded) UST was discovered during the closure of the diesel fuel UST and removed. No information is available concerning leaks, tightness test, or repairs to the UST systems.

Results of the UST assessment indicate that a release has occurred from both the diesel and gasoline UST systems. Laboratory analysis revealed diesel range organics (DRO) concentrations as high as 48,000 parts per million (ppm) and gasoline range organics (GRO) concentrations as high as 5,000 ppm. These concentrations exceed the Wisconsin Department of Natural Resources (WDNR) site investigation guideline of 10 ppm. Advent notified the WDNR of this release on November 5, 1998

Advent has not identified other obvious sources of contamination near the site. We do not anticipate off-site investigation at this time. The site is located within a commercial area. We are not aware of any petroleum impacts attributable to this release to area water supplies. The surrounding area is served by a municipal water system.

There does not appear to be a threat to state- or federal-listed endangered species, sensitive ecosystems, wetlands, outstanding or exceptional resource waters, or historical or archaeological sites.

The contamination is located beneath a paved lot. No immediate or interim actions have been warranted at this site.

(E) Physiographical and Geological Setting

The site is located in the Eastern Ridges and Lowlands Province of southeastern Wisconsin. Glaciation has been an important geologic agent in determining the surface geology and physiography of the site. The site is situated on ground moraine that was deposited during the Woodfordian substage of the Wisconsin glacial stage.

Surficial deposits at the site consist primarily of silty clay material with some sand and gravel. Depth to bedrock in the area is estimated to be 50 to 125 feet. Regionally, bedrock consists of Silurian age dolomite.

Topography at the site slopes downward toward the south. Regional topography suggests the direction of groundwater flow is toward the Root River, which is approximately 3,000 feet southeast of the site.

Potential migration pathways at this site include a sanitary sewer, water, natural gas, and electric utility trenches that exist on-site.

(F) Sampling and Analysis Strategy

This investigation will be based on procedures outlined in the most recent WDNR publications, including "Site Assessments for Underground Storage Tanks - Technical Guidance" and "LUST and Petroleum Analytical and Quality Assurance Guidance."

Soil Sampling Procedures

We will collect subsurface soil samples from borings advanced on-site with either a truck-mounted rotary drill equipped with continuous-flight, hollow stem augers and a two-inch diameter, 24-inch

split spoon sampler, or with a hydraulically-driven 24-inch hollow tube geoprobe sampler. All drilling tools and equipment will be cleaned prior to the start of sampling work. All sampling tools will also be washed with Alconox™ and water between sampling points to prevent cross contamination.

Advent will select the boring locations based on the site layout and any additional information obtained during the site investigation. Locations may be modified if site conditions vary significantly from those anticipated prior to drilling. We will place borings through the former tank bed and around the perimeter of the tank bed to efficiently delimit the lateral extent of contamination.

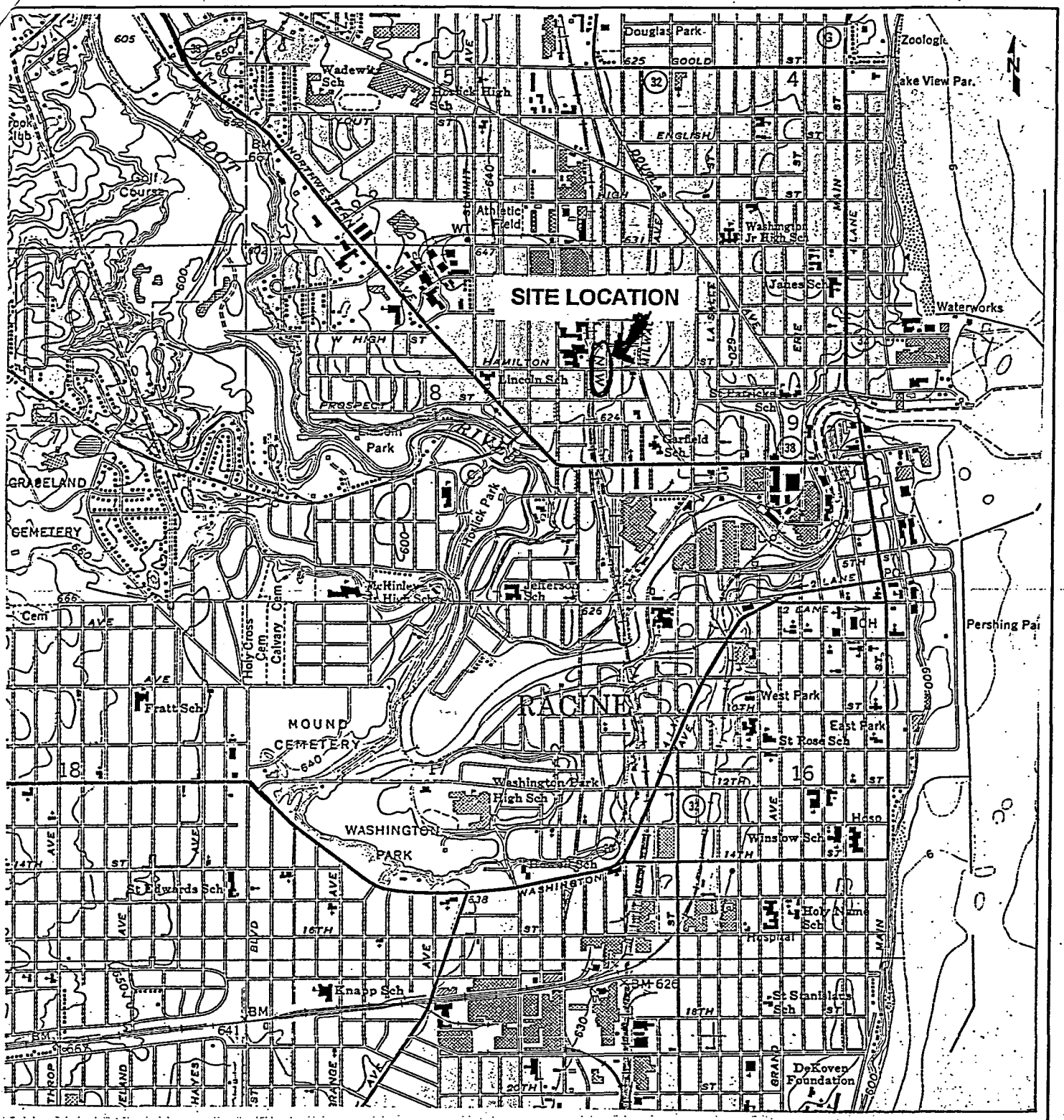
Borings will be advanced until field screening results indicate the absence of contaminants in a minimum of two consecutive samples collected from below the impacted zone or until groundwater is encountered. Soil samples will be collected from each significant soil unit, the zone of highest contamination as indicated by a field photoionization detector (PID), the interval in which seasonal high groundwater is encountered or from the deepest interval sampled. At a minimum, one soil sample will be collected from each ten feet of boring. If field screening results indicate no presence of contaminants within a ten foot interval, the sample most representative of the interval will be submitted for laboratory analysis.

Advent estimates the completion of six soil borings within the vicinity of the former UST system. Soils will be sampled continuously at 2-foot intervals. Soils will be described according to the Unified Soil Classification System. Soils will be field screened for volatile organic compounds (VOCs) with a PID using the headspace method described below. Advent anticipates submitting two soil samples from each boring for laboratory analysis of the following parameters: GRO, DRO, VOCs, polynuclear aromatic hydrocarbons (PAHs), and total lead.

Field Screening Procedures

We will field screen samples with a PID following the headspace method to determine which samples will be submitted for analyses and to assist in determining the contamination extent. The headspace procedure will be conducted as follows:

- Soil samples will be collected in clean four-ounce glass jars filled half-full with the sample material.
- The jar will then be covered with the lid of the jar.
- The sample will then be agitated for at least 30 seconds to break soil clods and release soil pore vapors.
- If the ambient air temperature is below 70°F, the headspace samples will be placed in a warm environment out of direct sunlight and allowed to equilibrate to approximately 70°F. If the ambient air temperature is above 70°F, the headspace samples will be placed in a cooler environment out of direct sunlight and allowed to equilibrate to approximately 70°F.
- Following equilibration, the headspace sample will be tested by opening the jar slightly and inserting the PID probe between to a position half-way between the lid and sample surface and recording the highest instrument readings.



QUADRANGLE LOCATION
SE1/4 NE1/4 SEC.8 T.3N., R.22E.

SCALE (FEET): 0 2000

NOTE:
BASE MAP DEVELOPED FROM THE RACINE SOUTH, WISCONSIN, 7.5 MINUTE U.S.G.S. TOPOGRAPHIC QUADRANGLE MAP.

DRAWN BY: KRK	FIGURE #1 DETAIL SHEET
APPROVED BY:	SITE LOCATION
DATE: 12/22/98	PARKS PIONEER - 1218 SILVER STEEL SITE RACINE, WISCONSIN
PROJECT #980186.00	ADVENT
REVISION #	ENVIRONMENTAL SERVICES, INC.

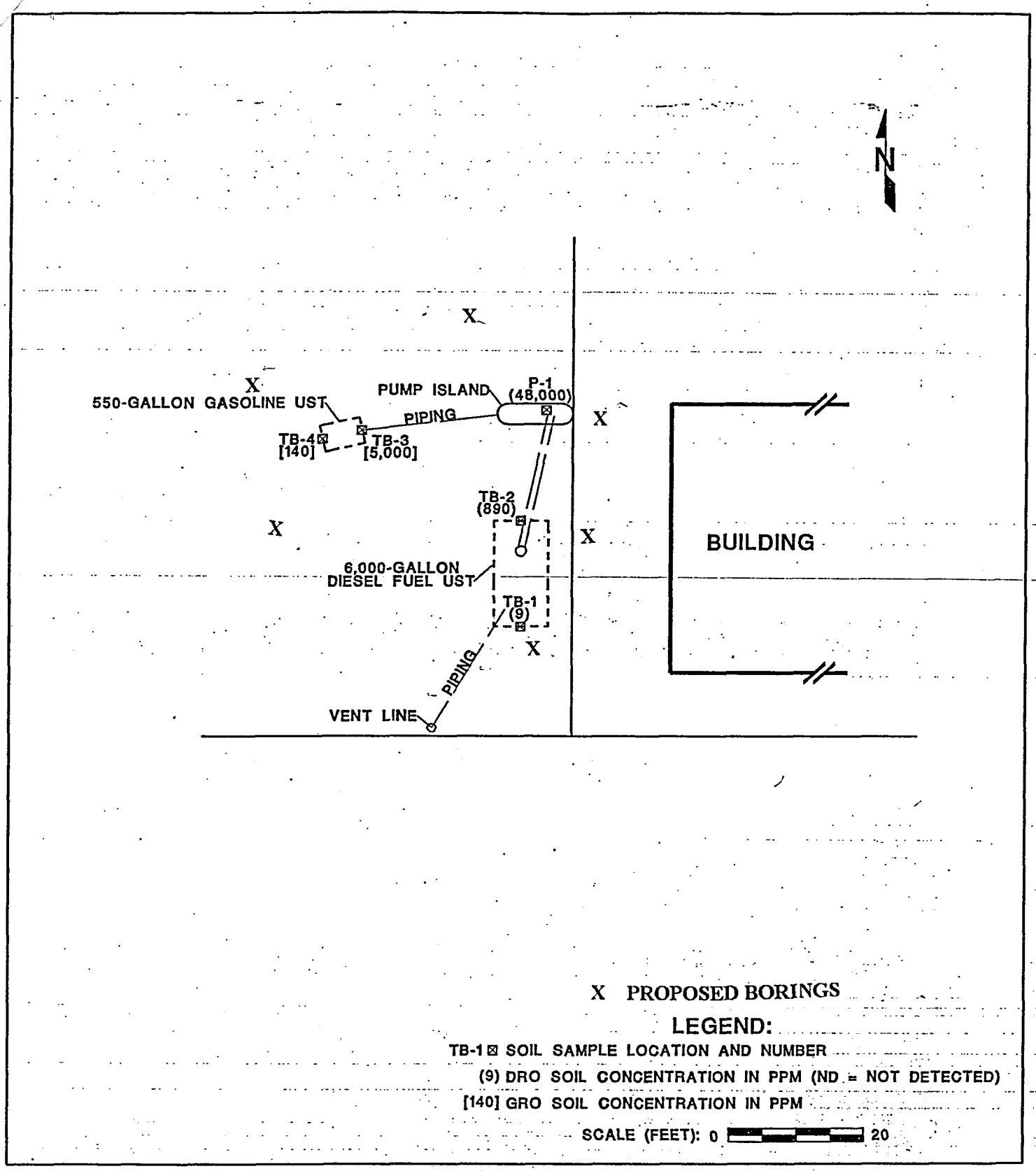


FIGURE 2 SITE FEATURES
PARKS PIONEER
1218 SILVER STEEL SITE
RACINE, WISCONSIN

ADVENT
ENVIRONMENTAL SERVICES, INC.
DATE: 12/22/98
DRAWING #980186.00B

TRANSMISSION VERIFICATION REPORT

TIME : 09/27/2011 12:54
NAME : ERS PECFA
FAX : 608-267-1381
TEL : 608-261-7717
SER.# : BROM5J412779

DATE,TIME	09/27 12:51
FAX NO./NAME	812626547025
DURATION	00:02:28
PAGE(S)	06
RESULT	OK
MODE	STANDARD ECM

STATE OF WISCONSIN
Department of Safety and Professional Services

Governor Scott Walker **Secretary Dave Ross**

Mail to:
P.O. Box 8044
Madison, Wisconsin 53708-8044
TTY: (608) 267-2416
Fax: (608) 267-1381
Email: dsps@wisconsin.gov
Web: http://dsps.wi.gov

September 26, 2011

CERTIFIED MAIL

Mr. Miguel Veguilla
1506 Dr Martin Luther King Jr Dr
Racine, WI 53404

RE: Forms to Fill

PECFA # 53404-3030-18-A DNR BRRTS # 03-52-203881
Parks Pioneer-Silver Steel, 1214 Frederick St, Racine

Dear Mr. Veguilla:

The Department of Safety and Professional Services (DSPS) is sending the enclosed forms with this letter to assist you with complying with department orders in the least costly manner. If you wish to comply with the orders, please fill out these forms. Once the forms are properly filled out please return the forms to the Department of Safety and Professional Services; Environmental and Regulatory Services Division; PECFA Bureau; Attn: Renee Dickey; PO Box 7838; Madison, WI 53707-7838. If you get all of this paperwork to us and you are working toward compliance by contracting with a consultant, then we can ask DOJ to not file the complaint. They, however, have the final decision on whether or not to file the complaint and pursue forfeitures against you.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (608) 261-8509.

Sincerely,

Andrew Alles

Andrew Alles,
Hydrogeologist
Site Review Section

cc: Case File

Department of Safety and Professional Services
Environmental and Regulatory Services Division
Bureau of PECFA
PO Box 7838
Madison WI 53707-7838
(608)-266-6796
(608)-267-1381 FAX

APPLICATION FOR WAIVER/DEFERRAL OF PECFA DEDUCTIBLE

This application is to be completed and submitted with all required attachments to the address listed above.
Personal information you provide may be used for secondary purposes [Privacy Law, s. 15.04(1)(m)].

PECFA # _ _ _ _ _ - _ _ _ _ - _ _

Claimant's Name	Remedial Action Site Name
Address	Remedial Action Site Address
City, State and Zip	Remedial Action Site City, State and Zip
Telephone # ( )	

Wisconsin Statutes, Section 101.143(4)(ee), provides the following:

Waiver of deductible. Notwithstanding par. (d)2.,(dm)2. or (e)2., the department may waive the requirement that an owner or operator pay the deductible amount if the department determines that the owner or operator is unable to pay. If the department waives the requirement that an owner or operator pay the deductible, the department shall record a statement of lien with the register of deeds of the county in which the petroleum product storage system is located. If the department records the statement of lien, the department has a lien on the property on which the petroleum product storage system is located in the amount of the deductible that was waived. The property remains subject to the lien until that amount is paid in full.

The following documents must be provided before a decision can be made on an Application for Waiver of a PECFA Deductible:

- 3 most current years Federal and State tax records.
- A completed PECFA financial statement form (ERS-10774) and a completed Application for waiver/deferral of PECFA deductible.
- A copy of a document that includes a full legal description of the property for which the waiver of the PECFA deductible is requested. The Deed to the property will include this information.
- A copy of you last tax bill is required.

The undersigned claimant is applying for a waiver of the PECFA deductible. The claimant has read the Wisconsin Statutes, Section 101.143(4)(ee), referenced above. The claimant understands that if the application for waiver of the PECFA deductible is approved, a lien will be placed on the property on which the petroleum product storage tank system is located and for which the waiver of the PECFA deductible is requested. I assume the responsibility for notifying all current owners about this application.

Y. Claimant's Signature(s)	Z. Date Signed

For Department Use Only

Application: ☐ APPROVED ☐ DENIED - Your financial situation does not meet the requirements of this provision	PECFA Financial Manager Date

Department of Safety and Professional Services
Environmental and Regulatory Services Division
Bureau of PECFA
PO Box 7838
Madison WI 53707-7838
(608)-266-6796
(608)-267-1381 FAX

APPLICATION FOR REDUCTION OF PECFA DEDUCTIBLE

This application is to be completed and submitted with all required attachments to the address listed above.
Personal information you provide may be used for secondary purposes [Privacy Law, s. 15.04(1)(m)].

PECFA # _ _ _ _ _ - _ _ _ _ - _ _

Claimant's Name	Remedial Action Site Name
Address	Remedial Action Site Address
City, State and Zip	Remedial Action Site City, State and Zip
Telephone # ( )	

Wisconsin Administrative Code for the Department of Safety and Professional Services, Comm 47.34, provides the following:

Reduction of deductible, based on financial hardship. (1) The deductible amount specified in s. 101.143 (4) (dg), Stats., for underground petroleum product storage systems may be reduced by the department to $2500, where proof of financial hardship is established in accordance with sub. (2)
(2) Financial hardship shall be demonstrated on a form provided by the department, in sufficient detail to enable the department to determine whether the hardship either exists, or will occur if the deductible is not reduced under this section.

The following documents must be provided before a decision can be made on an Application for Reduction of PECFA Deductible:

- A completed PECFA financial statement form (ERS-10774) or comparable financial form.
- A completed Application of Reduction of Deductible form.
- 3 most current years Federal and State tax records. If you no longer file taxes due to and and/or income, please state this fact in a letter addressed to the department.
- Copy of most recent tax bill for property with contamination.

The undersigned claimant is applying for a reduction of PECFA deductible. The claimant has read the Wisconsin Administrative Code, Comm 47.34, referenced above. I assume the responsibility for notifying all current owners about this application.	
Y. Claimant's Signature(s)	Z. Date Signed

For Department Use Only

Application: ☐ APPROVED ☐ DENIED - Your financial situation does not meet the requirements of this provision	PECFA Financial Manager Date

Bureau of PECFA
PO Box 7838
Madison WI 53707-7838
(608) 267-3753

FORM 6
AGENT ASSIGNMENT CERTIFICATION
SCOPE OF WORK

Personal information you provide may be used for secondary purposes [Privacy Law, s. 15.04(1)(m)].

SEE INSTRUCTIONS ON THE BACK OF THIS PAGE

A. **PECFA NUMBER:** ____ ____ ____ ____ ____ - ____ ____ ____ ____ - ____ ____ - ____

Comm 47:	An owner or operator or the person owning a home oil tank system may, with the written approval of the Department, enter into a written agreement with a PECFA registered consultant to act as an agent. **The consultant as agent, in order to receive payment under the fund, must be pre-approved by the Department of Safety and Professional Services (DSPS) and shall agree to complete the scope of work.** The agent and the owner, operator, or person owning the home oil tank system shall jointly submit a claim for an award after completing all applicable requirements under this chapter. An award made shall be made payable to both the agent and owner, operator or person owning the home oil tank system.

PART 1 BACKGROUND INFORMATION

B. Claimant's Name	**F. Remedial Action Site Name (if business)**
C. Street Address	**G. Remedial Action Site Address**
D. City, State, Zip Code	**H. City, State, Zip Code**
E. Claimant's Telephone Number ( )	**I. Telephone Number of Site** ( )
J. Claimant is: ☐ **Owner** ☐ **Operator**	☐ **Other-please specify**
K. Agent's Name	**O. Agent's Company Name and Contact Person**
L. Street Address	**P. Street Address**
M. City, State, Zip Code	**Q. City, State, Zip Code**
N. Agent's Telephone Number ( )	**R. Agent's Company's Telephone Number** ( )

PART II ASSIGNMENT CERTIFICATION

I, S. _____ (claimant), assign to T. _____

_____ (agent) the right to act as my agent and to submit a claim on my behalf, for the purposes of a petroleum storage remedial action award under s. 101.143, Wis. Stats., for eligible costs of remedial action activities at U. _____

(remedial action site) in response to the petroleum product discharge that was reported in accordance with s. 101.143 (3) (a) 5 and 144.76, Wis. Stats., to The Department of Natural Resources on V. _____ (date reported).

PART III CLAIMANT AND NOTARY SIGNATURES

In the event I am unable or unavailable to sign the award check, I authorize my agent to sign and accept award without my signature for deposit at their lending institution.

An assignment of an agent for the purpose of submitting a claim under s. 101.143, Wis. Stats., does not constitute an assignment of a claimant's liability under s. 144.76 Wis. Stats., or of a claimant's liability under any other local, state or federal law.

Claimant's Name (Print or Type):	Notary Public, State of Wisconsin
W._____	Z. _____
Claimant's Signature:	Subscribed and sworn to before me this date:
X._____	AA. _____
Date Signed:	My commission expires:
Y._____	AB. _____

All agent assignments are subject to pre-approval by the Department of Commerce

Please make a copy for your records

Consultant Agent Assignment Certification (Form 6)
Instructions

The purpose this form is to designate a consultant to act as agent to take charge of and complete a specified scope of work for the cleanup at a site. The agent will be responsible for paying for the cleanup and submitting the claim for the approved scope of work under the PECFA program.

On line A enter the eleven-digit PECFA number. **A PECFA number must be assigned before requesting Agent status.**

PART I. BACKGROUND INFORMATION

On line B enter the claimant's name.

On line C enter the claimant's address.

On line D enter the claimant's city, state and zip code.

On line E enter the claimant's telephone number.

On line F enter the site name.

On line G enter the site address. (Physical addresses only, PO Boxes are not acceptable).

On line H enter the site city, state, and zip code.

On line I enter the site telephone number, (if applicable).

On line J check the box identifying whether the claimant is the owner, operator, or other.

On line K enter the agent's name.

On line L enter the agent's address.

On line M enter the agent's city, state and zip code.

On line N enter the agent's telephone number.

On line O enter the agent's company's name.

On line P enter the agent's company's address.

On line Q enter the agent's company's city, state, and zip code.

On line R enter the agent's company's telephone number.

PART II. ASSIGNMENT CERTIFICATION

On line S enter the claimant's name (same as line B).

On line T enter the agent's name (same as line K).

On line U enter the site name (same as line F).

On line V enter the date the DNR was notified.

On line W enter the claimant's name.

On line X provide the claimant's signature.

On line Y provide the date of the claimant's signature.

On line Z provide the date the information on Form 6 was presented before a Notary Public for the State of Wisconsin.

On line AA enter the name of the Notary Public.

On line AB enter the date the Notary Public's commission expires.

FORM 6CA
CONSULTANT AGENT PRE-QUALIFICATION

ERS Division
Bureau of PECFA
PO Box 7838
Madison WI 53707-7838
(608) 267-3753

Personal information you provide may be used for secondary purposes [Privacy Law, s. 15.04(1)(m)].

All consultant agent assignments are subject to pre-approval by the Department of Safety and Professional Services (DSPS) and may be rescinded or revoked at any time for failure to comply with the requirements of Comm 47 or Wis. Stats. 101.143, or if other circumstances dictate the consultant can no longer fulfill the approved agent requirements pertaining to the site cleanup.

Please complete the following information and answer all questions in order to be considered as an agent for the site requested. Failure to supply any of the required information will result in non-approval of your application.

I. Consultant Agent Identification

A. Name:	**E.** PECFA Consulting Firm Registration Number and Expiration Date:
B. Name of Project Manager:	**F.** PECFA Individual Registration Number and Expiration Date:
C. Address:	**G.** Phone Number: ( )
D. City, State, Zip Code:	**H.** E-mail Address (optional):

II. Claimant Identification

I. Name:	**L.** Phone Number: ( )
J. Address:	**M.** Site Name:
K. City, State, Zip:	**N.** City, State, Zip:

O. PECFA Number **(Required):** An established Commerce # does not guarantee eligibility of the site. A written determination of eligibility must be obtained prior to requesting agent status; see question #1 below.

____ ____ ____ ____ ____ - ____ ____ ____ ____ - ____ ____ - ____

III. Agent Qualification Questions

1. Has PECFA eligibility been obtained? ☐ Yes ☐ No – **IF YOU ANSWERED NO, STOP HERE AND SUBMIT AN INITIAL APPLICATION & ELIGIBILITY REQUEST FORM BEFORE CONTINUING!** *Contact Renee' Dickey at (608) 264-8765 for a form or go to our Web site at: http://dsps.wi.gov/ER/pdf/pecfa/ER-PECFA-InitialApplication.pdf*

2. Has the site deductible been satisfied, deferred/waived or reduced, (may require a lien on property)? ☐ Yes ☐ No
   If you wish to apply for a reduction or waiver of deductible please contact Tanya Herranz at (608) 266-6796 for assistance or go to our Web site at: http://dsps.wi.gov/ER/ER-PECFA-Forms.html for an application.

3. Are you requesting agent status because:
   ☐ RP is not eligible for reimbursement of bank interest
   ☐ RP is unable to obtain a bank loan or lender has terminated funding
   ☐ RP is unwilling to obtain a bank loan

4. Are you able and willing to carry the cost of cleanup for the site until the approved scope of work is complete and you file a claim for reimbursement of eligible cleanup costs? ☐ Yes ☐ No – *Please see note on back regarding commodity services.*

5. A copy of the DSPS standard contract that must be used is available by contacting the Department. After reviewing this contract, are you willing to sign and enter into this Agent agreement with DSPS? ☐ Yes ☐ No
   Note: Agents must be approved by DSPS prior to the signing of any contract; contracts signed before DSPS approval may be void.

6. Please included a completed Form 6 (ERS-8079) Consultant Agent Assignment.

Consultant Signature _____ Date Signed _____

CONSULTANT AGENT PRE-QUALIFICATION FORM 6CA INSTRUCTIONS

The purpose of this form is to pre-quality PECFA registered consultants that are willing to take on agent status on PECFA sites where the responsible party has a hardship in paying for the site cleanup.

SECTION I. AGENT IDENTIFICATION

On line A enter the name of the consulting firm requesting agent status.

On line B enter the name of the site project manager.

On line C enter the address of the consulting firm.

On line D enter the city, state and zip code of the consulting firm.

On line E enter the consulting firm's PECFA registration ID number and expiration date.

On line F enter the individual's (project manager's) PECFA registration ID and expiration date.

On line G enter the consultant's telephone number.

On line H enter the consultant's e mail address (optional).

SECTION II. CLAIMANT IDENTIFICATION

On line I enter the claimant's name.

On line J enter the claimant's address.

On line K enter the claimant's city, state and zip code.

On line L enter the claimant's telephone number.

On line M enter the site name.

On line N enter the site address, city and zip code.

On line O enter the PECFA Number **(REQUIRED)**.

SECTION III. AGENT QUALIFICATION QUESTIONS

Consultant must complete all questions, 1.-6. **FAILURE TO COMPLETE ANY OF THE QUESTIONS MAY RESULT IN DENIAL** OF THE AGENT REQUEST.

Note: Pertinent to question #4, for high cost commodities, other options are available for payment of these services by PECFA, if you are unable to carry the cost. Please contact the Department for assistance.

Consultant must sign and date the application.

Submit this completed form along with the Form 6, to the address printed on the upper right hand corner of the form.

STATE OF WISCONSIN
Department of Safety and Professional Services

Governor Scott Walker **Secretary Dave Ross**

Mail to:
P.O. Box 8044
Madison, Wisconsin 53708-8044
TTY: (608) 267-2416
Fax: (608) 267-1381
Email: dsps@wisconsin.gov
Web: http://dsps.wi.gov

September 20, 2011

Miguel Veguilla
1506 Dr Martin Luther King Jr Dr
Racine, WI 53404

RE: Requested Information

PECFA # 53404-3030-18-A DNR BRRTS # 03-52-203881
Parks Pioneer-Silver Steel, 1214 Frederick St, Racine

Dear Mr. Veguilla:

Please find enclosed with this letter, the information you requested.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (608) 261-8509.

Sincerely,

Andrew Alles

Andrew Alles,
Hydrogeologist
Site Review Section

cc: Case File

Environmental Contamination - The Basics

PUB-RR-674 July, 2004

In an industrialized society like ours, a wide variety of contaminants are released to the environment every day from residential, commercial and industrial sources. Many of these releases, also referred to as discharges, may not pose a threat to the public and the environment. However, a significant release of a contaminant/hazardous substance has the potential to impact human health or the environment. When a significant release occurs, the Wisconsin Department of Natural Resources (DNR), particularly the Remediation and Redevelopment Program (RR Program), provides oversight and assistance in making sure the public and the environment are protected.

A **Hazardous Substance,** as defined in s. 292.01, Wis. Stats., means any substance or combination of substances, including any waste of a solid, semisolid, liquid or gaseous form which may cause or significantly contribute to an increase in the mortality or an increase in serious irreversible or incapacitating reversible illness, or which may pose a substantial present or potential hazard to human health or the environment because of its quality, concentration or physical, chemical or infectious characteristics. This term includes, but is not limited to, substances that are toxic, corrosive, flammable, irritants, strong sensitizers or explosives as determined by the DNR.

What is the RR Program?

The RR Program becomes involved when a release of a hazardous or potentially hazardous substance occurs to the lands, waters or air in the State of Wisconsin. When a release is reported, the RR Program evaluates the severity of the release and, if necessary, ensures that the proper cleanup procedures are followed to minimize any threat to human health or the environment.

The RR Program also provides technical and regulatory assistance to public and private parties looking for information, investigating and cleaning up properties with real or perceived contamination. In certain circumstances, the DNR is required to charge a fee for technical assistance. Attention is provided to abandoned or underutilized properties, known as brownfields, in an effort to return these properties back to productive use. This effort also promotes the revitalization of blighted areas, as well as the reuse/redevelopment of properties already located in urban areas in order to preserve undeveloped land (also referred to as greenfields).

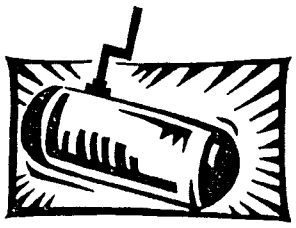
Why should I be concerned?

Not only is it a legal requirement to take necessary steps to address contamination, but contamination can have an adverse impact on human health and the environment. It can take many forms and can occur anywhere. In Wisconsin, a primary concern for environmental impacts from contamination is the degradation of groundwater quality. Soil, vapor, air and surface water contamination are also areas of concern. When a release to the environment has been identified, the DNR is mandated by state law to require response actions that are protective of human health, safety and welfare, and to restore the environment to the extent practicable.

An individual or local government may assume liability for environmental cleanups by acquiring a contaminated property. The Wisconsin Supreme Court has determined that if you own a contaminated property where contaminants are continuing to migrate, then you may be

Wisconsin Department of Natural Resources
PO Box 7921, Madison, WI 53707

responsible for cleaning it up, even if you did not cause the contamination because you are interpreted as having "possession and control" of the release.



Stressed vegetation, stained soils, odors, a sheen on the surface of water, or a strange taste to water are often obvious indicators of a potential release and/or environmental problem. In addition to these more obvious factors, historical property usage such as plating operations, dry cleaners or engine repairs could also be indicative of other not-so-obvious environmental problems. For example, a serious environmental problem that is hard to detect is leakage from an underground storage tank (UST). Unless good records are kept regarding product usage, underground leaks are hard to identify.

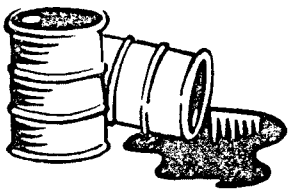
What is a discharge/release?

A discharge to the environment is defined in s. 292.01, Wis. Stats., and means, but is not limited to, spilling, leaking, pumping, pouring, emitting, emptying or dumping. RR staff commonly use the terms "discharge" and "release" interchangeably.

To obtain more information on what constitutes a hazardous substance and/or release, refer to the Regulations listed in the "Resources" section on page 4.

How is a release discovered?

Releases to the environment are discovered in several ways. The most common methods of discovery are: visual observation; while the release is taking place (i.e. a leaking gas pump); or historical releases discovered during building expansion/demolition, road construction activities, utility repairs or tank removal/upgrade activities.



Releases can also be discovered at the time of property transfer if a potential buyer requests a Phase I and/or Phase II Environmental Site Assessment (ESA). A Phase I ESA consists of a historical search and identifies current and past property usage and areas of potential environmental concern. A Phase II ESA consists of collecting soil and/or groundwater samples at the property from those areas identified in the Phase I ESA with suspected or known contamination (i.e. areas of drum storage, stressed vegetation, stained soils, above and below ground storage tanks, etc.).

When do I need to report a release?

According to the "Spill Law", s. 292.11, Wis. Stats., persons who cause, possess or control the release of a hazardous substance that adversely impacts, or threatens to adversely impact public health, welfare or the environment must immediately report the release to the DNR. Generally, this responsibility falls upon the current property owner. **Emergency one time spills must be immediately reported by telephoning the DNR 24-hour toll free Spill Hotline at 1-800-943-0003**. Non-emergency releases discovered via a tank pull or site assessment can be reported by completing and submitting the Hazardous Substance Fax Notification Form (Form 4400-225) or visiting your DNR regional headquarters in person during normal business hours. (Please see page 3 for contact information.)

What happens next?

Once the DNR has been notified that contamination exists at a site, the DNR will inform the responsible party by telephone and/or mail if any further actions are needed. The range of actions is defined in the NR 700 rule series (referenced in the "Resources" section on page 4). The responsible party is then, in most cases, issued a responsible party letter that outlines legal responsibilities for addressing contamination. The letter will ask the responsible party to hire a qualified environmental consultant. The consultant will submit a work plan that details how he/she will investigate the degree and extent of the contamination (if necessary, across property boundaries) by collecting soil and/or groundwater samples.

What is a "Responsible Party?"
A responsible party is an individual or public or private entity who causes a discharge of a hazardous substance or who possesses or controls a hazardous substance which is discharged. The responsible party is legally required under Wisconsin's Spill Law to notify the DNR of the discharge and to investigate and remediate the environment.

After determining the degree and extent of the contamination, the environmental consultant will prepare a site investigation report that summarizes the results of their findings. Typically, the consultant will also provide a cleanup strategy in this report. Cleanup measures are then undertaken by the consultant on behalf of the responsible party to restore the environment.

Once the site appears to meet all regulatory requirements, the consultant will prepare a closure request for DNR submittal. Once the appropriate fee has been submitted, the DNR reviews the closure request and determines whether or not the site has been cleaned up to acceptable levels. If closure is appropriate, the DNR or any other state agency with jurisdiction over the case will issue a closure letter indicating you have complied with the conditions of closure.

What is the role of an environmental consultant?

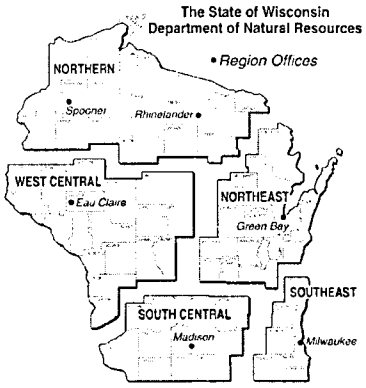
When the DNR informs you that you need to address contamination, you will be requested to hire the services of a professional environmental consultant. The role of the environmental consultant is to determine the most appropriate and cost effective way to investigate and remediate the contaminated site. The consultant should act as a representative for the responsible party on technical matters and should have a thorough understanding of regulatory requirements. It is important to feel comfortable with your environmental consultant, as they will be working closely with you and the DNR.

Where can I find additional information?

Appointments to view paper copies of DNR information can be made by contacting your DNR regional headquarters at the telephone numbers listed below during normal business hours. Please be aware that some of our services require a fee. Please see our web site at http://dnr.wi.gov/org/aw/rr/Services_Fees/index.htm for more information on fees.

Contacts

Northeast Region (NER, Green Bay): 920-492-5594
Northern Region (NOR, Rhinelander): 715-365-8986
South Central Region (SCR, Fitchburg): 608-275-3212
Southeast Region (SER, Milwaukee): 414-263-8688
West Central Region (WCR, Eau Claire): 715-839-2784



The RR web site has many features to assist you. For example, you can locate DNR staff contacts, access DNR publications, obtain environmental information on specific properties, or find information on financial incentives. The RR web site can be found at http://dnr.wi.gov/org/aw/rr

Resources

The following DNR resources can be found on the RR Program web site at: http://dnr.wi.gov/org/aw/rr

Lists of Contaminated Sites:

- *BRRTS on the Web*, the RR Program's list of open (still investigating) and closed (cleanup completed) contaminated sites in Wisconsin.
- GIS Registry (The RR Program's list of closed sites with residual soil & groundwater contamination.)

Publications:

- *Dry Cleaner Environmental Response Program: Is the Program for Me?* (Pub # RR-632)
- Environmental Services Contractors List (Pub # RR-024)
- Fax Notification (Form 4400-225)
- *Financial Resources Guide for Cleanup and Redevelopment* (Pub # RR-539)
- Publications Checklist (Pub # RR-582)
- *Selecting an Environmental Consultant* (Pub # RR-502)
- Site Assessments for Underground Storage Tanks Technical Guidance (Pub # SW-175)
- *Voluntary Party Remediation and Exemption from Liability* (Pub # RR-506)

Regulations:

- Hazardous Substance (Wisconsin State Statutes 292.01)
- Spills Law (Wisconsin State Statutes 292.11)
- Wisconsin Administrative Code Chapter NR 140
- Wisconsin Administrative Code Chapter NR 700 Rule Series
- Wisconsin Spill Reporting Requirements (Pub # RR-558)

If you have questions about tank regulations or PECFA reimbursement, please see Department of Commerce references at: http://www.commerce.state.wi.us/COM/Com-Petroleum.html

This document may contain some information about certain state statutes and rules but does not necessarily include all of the details found in the statutes/rules. Readers should consult the actual language of the statutes/rules to answer specific questions.

The Wisconsin Department of Natural Resources provides equal opportunity in its employment, programs, services, and functions under an Affirmative Action Plan. If you have any questions, please write to Equal Opportunity Office, Department of Interior, Washington, D.C. 20240.

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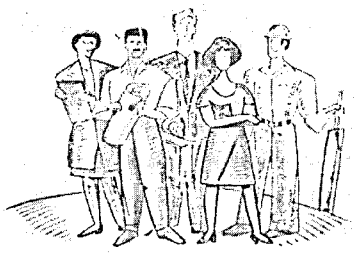


Selecting an Environmental Consultant

PUB-RR- 502 February 2008

Why do I need a consultant?

If the Wisconsin Department of Natural Resources (DNR) has notified you that you are responsible for investigation and cleanup of soil or groundwater contamination, you need professional assistance to get the work done. Department rules establish qualifications for environmental consultants who perform this kind of work.

Site investigations and cleanup procedures can be complex and costly. A qualified environmental consultant can clean up your property in accordance with state and federal regulations, and help maintain or increase the value of your land. A good consultant will also understand your business needs, negotiate your cleanup schedule with DNR Remediation and Redevelopment Program (RR) staff and give you regular updates in understandable language.

A competent, experienced consultant can:

- save time, money, and complete the project right the first time;
- help establish a cooperative relationship with regulatory agencies; and
- minimize down time for your business.

How can I find a qualified consultant?

The DNR does not endorse environmental consultants. However, the agency maintains a list of consultants who have identified themselves as doing environmental work in Wisconsin (please see back page). Other means of finding or selecting a consultant include calling other businesses you know have done environmental cleanups, contacting professional associations in which you are a member, or searching the yellow pages under "environmental services" or "environmental engineers."

What should I tell a consultant?

Tell your potential consultant as much as you can about your property, including:

- the site history, including materials and products used;
- materials and wastes that have been stored, recycled or disposed of;
- potential areas of contamination;
- the source of your water supply; and
- what DNR has asked you to do.

Wisconsin Department of Natural Resources
P.O. Box 7921, Madison, WI 53707
dnr.wi.gov/org/aw/rr

What should I ask a consultant?

Ask your potential consultant any questions you have, including:

- how many years they have been doing environmental work in Wisconsin;
- how many similar investigations and cleanups they have completed in Wisconsin or elsewhere (cleaning up a leaking petroleum tank can be very different from cleaning up PCBs);
- what administrative rules they expect to follow (if a potential consultant is not familiar with the NR 700 rule series, Wis. Admin. Codes, governing environmental cleanups or NR 140, Wis. Admin. Code, governing groundwater standards, it is an indication that they are not familiar with Wisconsin regulations);
- whether their staff meet the professional qualifications required in chapter NR 712, Wis. Admin. Code;
- whether any of their staff are registered as professional engineers or hydrogeologists with the Wisconsin Department of Regulation and Licensing;
- what level of insurance they carry for errors, omissions, and liability;
- whether they will they help prepare requests for reimbursement if your cleanup is eligible; and
- whether they have references you can check.

Don't hesitate to ask a consultant that you may hire how and why their approach to your environmental cleanup would differ from other consultants you have talked with.

What questions should I ask when checking a consultant's references?

When checking the references of a consultant you may hire, you may want to ask the following questions.

- Was your project similar to mine in size and type of
- contamination?
- Did the consultant stay on schedule, or provide reasonable
- explanations for delays?
- Did the consultant keep you informed of the project's status, new developments and options for cleanup?
- If problems arose, were they resolved to your satisfaction?
- Did the consultant seem to work effectively with DNR (and local officials if relevant)?
- Were your bills clear and timely?
- Did the consultant advise you in advance of billing about all significant changes to the original cost estimate?

What should I expect for the cost of a cleanup?

Costs for environmental cleanup vary widely based on the type and extent of contamination and the regulatory requirements. Ask your consultant what to expect for your particular situation, and to advise you immediately of any changes.

You may also want to ask these questions.

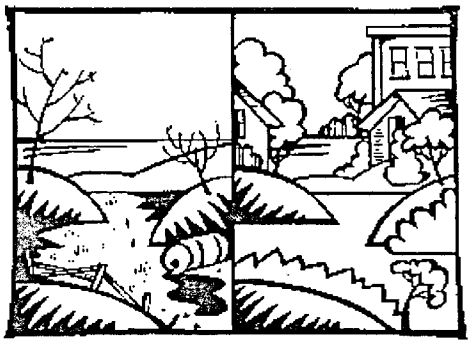
- Will subcontractors submit competitive bids?
- What hourly rates and overhead apply to professional staff?
- What are the per diem charges for staff doing field work?
- How often will you be billed?
- How will bills be itemized?

Watch for cost estimates that are significantly higher or lower than those received from other consultants. Ask those consultants how they can get the job done more economically, or whether they think proposals from other consultants are incomplete. Also watch for consultants who expect to get the work done much faster than others. There may be good reasons for faster cleanups, but you need to understand those reasons. Sometimes the least disruptive and least costly cleanups, such as natural attenuation of contamination, take the longest.

Also, make sure you understand the terms of a contract before signing, including who will do what, and when. Be sure it includes language that allows you to terminate the contract if you are not satisfied with the consultant's work.

Is there any financial help?

Sometimes. Wisconsin offers certain loans, grants and reimbursement programs for various types of cleanups. Ask your consultant whether you may be eligible for financial aid, and whether they have experience with these programs. Please see our web site and publications listed on the next page for more information.



What else I should know?

Wisconsin has numerous options to complete an environmental cleanup while enhancing the redevelopment and resale potential of your property. DNR offers liability clarifications and limitations on future environmental liability. Please see the next page for more information.

Where can I get more information about cleanups and redevelopment?

1. Visit the Remediation and Redevelopment (RR) Program web site at **dnr.wi.gov/org/aw/rr.** The RR Program has web pages with information on cleanup, financial assistance, liability tools and many other topics.

2. Please check other RR Program publications. All RR publications may be located on the "Publications" page of our web site. Here are a few that may be of interest:
   - *Environmental Services Contractors List* (publication RR-024);
   - *Environmental Contamination Basics* (publication RR-674);
   - *The Financial Resources Guide for Cleanup and Redevelopment* (publication RR-539); and
   - *Brownfield Basics – Tools for Cleaning Up and Redeveloping Contaminated Properties* (publication RR-663).

3. For information about your particular cleanup, please contact the person who signed the letter you received from DNR. You may also contact RR Program staff at a DNR regional office listed below.

DNR Remediation & Redevelopment Regional Offices

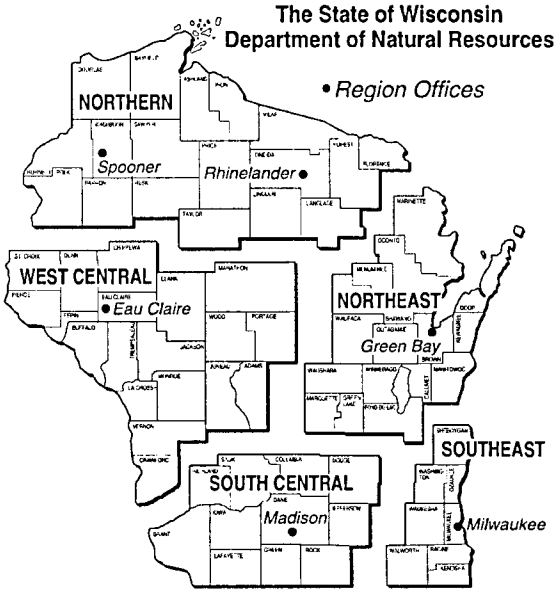
Northeast Region
920-662-5168

Northern Region
715-623-4190, ext. 3126

South Central Region
608-275-3212

Southeast Region
414-263-8688

West Central Region
715-839-2784



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PETROLEUM ENVIRONMENTAL CLEANUP FUND AWARD

INFORMATION ABOUT PECFA REIMBURSEMENT

ERS-10083-P (R. 07/11)

PECFA PROGRAM ELIGIBILITY

The State of Wisconsin does not discriminate on the basis of disability in the provision of services or in employment. If you need this printed material interpreted or in a different form, or if you need assistance in using this service, please contact us. Deaf, hearing or speech impaired callers may reach us through the Wisconsin Telecommunication Relay System (WI TRS).

Please Note: This brochure is for informational purposes only and does not provide complete detail of all requirements necessary for PECFA reimbursement. Please refer to Comm 47 W.A.C. and 101.143 Wis. Stats. for further information.

WHO MAY SUBMIT A CLAIM?

The responsible party, owner or operator, agent or an assignee may submit a claim.

If the responsible party is not the sole owner of the site, an Owner Assignment Certification Form 5 (ERS-8070) shall be filed with the department to establish one entity to submit the claim and received the award.

The owner may, with the Department's written approval, designate an "agent". The agent must agree to complete and pay for the remediation up to the point of closure, natural attenuation monitoring, operation and maintenance of a treatment system or long term monitoring. Both the owner and agent submit the claim and the award is made payable to both.

CLAIM REQUIREMENTS

To submit a claim, the claimant must do the following:

1. Register the petroleum product storage system or the home oil tank system with the Department. Any petroleum product storage tank system larger than 60 gallons must be registered with the Department.
2. Report the discharge immediately to the DNR or the Division of Emergency Government in the Department of Military Affairs.
3. The consultant must conduct the DNR required site investigation.
4. Usual & Customary costs (Comm 47.325) apply to all occurrences previously or newly reported to the DNR, for work performed after May 1, 2006 except for:
   - Work performed under a previously established cap under 101.143(3) (cp).
   - Work performed as part of an emergency action, within initial 72 hours after the onset of the need for the action.
   - Work performed for home oil tank systems.
5. If the total cost for site cleanup will exceed $60,000 the Department will use the public bidding process to assist in establishing a cost cap to site closure.
6. Once the Department establishes a cap on total costs they will notify the owner. The claimant will also be provided an approval to submit their claim for investigation costs. The Department may elect to bundle the site with other remedial efforts in the area in order to obtain lower remediation costs.
   - (NOTE: Bundling means the process of providing investigation or remedial action services, or both, across multiple occurrences while utilizing one consulting firm or common commodity services and providers, or both, to reduce total remediation cost.)
   - If a bundle is constructed or a bid is conducted and the claimant elects not to use the lowest cost approach, claimant reimbursement will be limited to the lowest bid/bundle cost.
7. The maximum allowable cost for a site investigation and the development of the remedial action plan is $20,000. If the site investigation is anticipated to exceed the $20,000 cap, written approval from the Department shall be obtained prior to incurring any costs above $20,000; notification to the owner shall be made before the owner has incurred liabilities above the $20,000 maximum.
8. If an applicant does not complete the investigation of the petroleum product discharge by the first day of the 61st month after the month in which the applicant notified the department under 101.143(3) (a) 3. or October 1, 2003, whichever is later, interest costs incurred by the applicant after the later of those days are not eligible costs.
9. Consultant shall submit notification to the Department, no later than 14 days after execution or termination of a written contract with a responsible party for investigating a discharge from a petroleum product storage system, per Comm 47.60.
10. Consultants shall periodically submit reports to the department to inform the department of the consulting firm's progress; Per Comm 47.62, 47.70 or 47.71.
11. Commodity bidding is not required where a reimbursement amount is determined either by the Usual & Customary cost schedule or by the public bidding process.
12. Initiate a claim by filling out an "Initial Claim" form that you can obtain by calling (608) 264-8765, or by downloading from the PECFA web site at: http://dsps.wi.gov/er/ER-PECFA-Home.html or by writing to:

    BUREAU OF PECFA
    PO BOX 7838
    MADISON WI 53707-7838

PECFA PROGRAM ELIGIBILITY

WHAT TANKS ARE INCLUDED IN THE PROGRAM?

Coverage under the PECFA program includes petroleum product storage tank systems defined as those containing gasoline, gasoline-alcohol fuel blends, kerosene, fuel oil, burner oil, diesel fuel, and used motor oil. Many underground and aboveground storage systems, including any on-site integral piping and dispensing systems, are covered. Specifically, the following systems are covered under COMM 47.02 Coverage:

(a) Commercial tank systems larger than 110 gallons capacity.

(b) Heating oil tank systems where the product is sold.

(c) Farm and residential tank systems larger than 1,100 gallons capacity and not storing heating oil for consumptive use on the premises.

(d) Tank systems storing gasoline, diesel fuel, or other vehicle fuels, other than residential tanks of 1,100 gallons or less capacity.

(e) Farm vehicle fuel systems of 1,100 gallons or less capacity, which meet additional statutory requirements regarding farm size and farm income, and are used to store products not for resale.

(f) Heating oil tank systems owned by public school and technical college districts, supplying heating oil for consumptive use on premises.

(g) Tank systems located on Trust Lands of an American Indian Tribe if the owner or operator's tank system would be otherwise covered under (a) through (f) and the owner or operator complies with the rules promulgated in COMM 47 and COMM 10 and obtains all applicable agency approvals.

(h) Home heating oil tank systems provided the claims are for underground tank systems and the persons comply with rules promulgated in COMM 47 and COMM 10.

Please see page 8 for actual maximum awards and deductibles for the eligible tank system listed.

Changes in the PECFA statute have also limited coverage for certain new and upgraded underground tank systems. Page 9 explains the eligibility and insurance requirements for the new and upgraded tank systems. Please refer to Comm 47.02(4) for an explanation of coverage from both eligible systems and excluded systems at the same site.

WHAT COSTS ARE ELIGIBLE?

The following is a partial list of items eligible for reimbursement. Although the final determination of eligibility is made at the time of claim review, this list is a good guide for claimants.

Note: As of May 1, 2006, costs for work performed must adhere to the Usual & Customary Cost Schedule (COMM 47.325) or have been approved through the Competitive Public Bidding process (COMM Subchapter VI).

1. Investigation of potential sources of petroleum contamination.
2. Preparation of a remedial action plan.
3. Laboratory services for testing specific to this chapter, including full VOC testing.
4. Investigation and assessment for the degree and extent of contamination.
5. Removal of contaminated soils.
6. Costs of equipment mobilization
7. Removal of petroleum products from surface water, groundwater and soil.
8. Treatment and disposal of contaminated soils.
9. Monitoring to establish existence of natural cleanup progress.
10. Charges for maintenance of equipment used for petroleum products recovery and remedial action.
11. State or municipal permits for installation of remedial equipment.
12. Actual costs for the purchase or rental of temporary building structures to house remedial equipment.
13. Restoration or replacement of a private or public potable water supply.
14. Contractor or subcontractor costs for remedial action.
15. Fees up to $500 for progress payment or final claim preparation.
16. Compensation to third parties for bodily injury and property damage due to a petroleum product discharge from underground storage tank systems.

WHAT COSTS ARE IN-ELIGIBLE?

The following is a partial list of items in-eligible for reimbursement. Although the final determination of eligibility is made at the time of claim review, this list is a good guide for claimants.

1. Any costs submitted without absolute proof of payment at time of claim submittal.
2. Overtime labor charges, except for Department approved emergency actions.
3. Costs for cleanups from a non-residential heating or boiler tank system and discharges from mobile fueling tanks or vehicle fuel storage tanks.
4. Used oil remediation costs not from internal combustion engines.
5. Costs associated with environmental audits, real estate transaction, construction projects, or long-term loan transactions.
6. Costs for investigations to locate petroleum product storage systems or home oil systems to determine if a tank is eligible for PECFA.
7. Costs incurred after DNR or DSPS determines no further action is needed, except for abandonment of monitoring wells and site closure.
8. Costs not integral to the remediation of a petroleum product discharge.
9. Incompetent or ineffective clean-up costs which were not based upon sound professional and scientific judgment.
10. Costs of redoing incompiete or incompetent remedial action work.
11. Costs or rework on remedial action sites or systems to accommodate construction upgrades, retrofits, or redevelopment projects.
12. Costs above those necessary to bring a site to the required level of remediation.
13. Costs to fix or replace damaged buildings, sewer lines, water lines, electrical lines, phone lines, fiber optic lines, or other utilities on the property.
14. Costs of reinstalling damaged remedial equipment and reinstalling or modifying remedial equipment for purposes other than effective remediation.
15. Interest costs accrued due to improper or incomplete filing of claims or a lack of response to Department requests for additional information, except if delayed by DNR or DSPS processes.
16. Late service fees or costs related to invoices or bills for which payment verification is unobtainable.
17. Costs for sampling and testing for heavy metals, except lead when the discharge is from a leaded gasoline system or lead and cadmium when the source is used motor oil.
18. Costs associated with the analysis of inappropriate constituents not associated with an eligible petroleum product.
19. Costs for remedial action activities funded under 42 US 6991, unless the owner or operator or the person owning the home oil tank system repays the funds provided under 42 USC 6991.
20. Expenditures required by the DNR or the Department in order to meet the groundwater protection standard, ch. 160 Stats. ch. COMM 10 or other administrative rules but not related to a petroleum product discharge under this chapter.
21. Costs associated with the loss of business.
22. Costs associated with the loss of interest or dividends, or interest costs from a loan other than for remediation.
23. Costs associated with the closure of a tank system.
24. Costs associated with tank closure assessments.
25. Costs of removing tank systems that have previously been closed in-place with inert materials, sand, pea gravel, water, or other substances.
26. Costs associated with the abandonment of wells not related to the remedial action.
27. Costs, other than costs for compensating third parties for bodily injury and property damage, which the Department determines to be unreasonable or unnecessary to carry out the remedial action activities.
28. Costs associated with third-party actions by adjoining property owners for the installation of monitoring wells or other clean-up related items unless a court judgment has been obtained.
29. Costs associated with third-party damages from a discharge originating from an aboveground storage tank.
30. Attorney fees associated with third-party actions.
31. Any costs associated with an appeal of a determination specific to the scope of COMM 47.
32. Attorney fees including, but not iimited to, legal advice, appeals, or other representation on behalf of the responsible party or agent.
33. Supervisory or management costs when a municipality or company uses its own personnel or personnel from a wholly or partially owned subsidiary for remedial activities.
34. Costs for supervisory or management activities conducted by owners or operators.
35. Costs for right-of-entry or trespass fees.
36. Separate vehicle and mileage costs.

WHAT COSTS ARE IN-ELIGIBLE CON'T?

37. Costs determined by the Department to be excessive.

38. Costs incurred by a responsible party associated with bid requirements or project administration such as consultant selections, monitoring or supervising subcontractors or consultants.

39. Interest costs associated with costs that are ineligible under this section or s. Comm 47.30(3).

40. Interest costs excluded under s. Comm 47.60(2) (a), 47.625, or 47.69(1) (b).

41. Costs determined by the department to be excessive, as defined by the usual and customary cost schedule periodically established by the department under s. Comm 47.325.

42. Costs for any work performed where a contract is not in place as required in s. Comm 47.33(2) (a) 1.

43. Costs incurred for services exempted under s. Comm 47.33(6) (b) 1, if the costs are incurred prior to the department approval required under s. Comm 47.33(6) (b) 2., and the approval requirement is not subsequently waived by the department.

44. Costs which exceed the $20,000 limit in s. Comm 47.337(2)(a) for a site investigation and remedial action plan, and which are incurred prior to either providing the notices that are required in s. Comm 47.337(2)(c), or obtaining the approval which is required in s. Comm 47.377(2)(b).

45. Costs for any work performed after submittal of the notice of completion of an investigation under s. Comm 47.62(4) and prior to the department's issuance of a response to the responsible party and the consulting firm under s. Comm 47.62(5).

46. Costs for any work performed more than 5 business days after the department issues a decision under s. Comm 47.62(5) that an occurrence is subject to the public bidding process in s. 47.68, if the work is conducted outside of that process.

47. Costs for any work that is performed after submittal of a written deferral notice under s. Comm 47.63(5) (c) and prior to a departmental authorization to proceed with additional activities.

48. Costs for any unauthorized work performed more than 5 business days after the department issues a directive or notice under s. Comm 47.64(1) about using the public bidding process in s. Comm 47.68.

49. Costs for any unauthorized services that are performed by any party other than a firm which submitted a bid under s. Comm 47.68(2) and with which a contract is executed under s. Comm 47.69, if they are conducted after the qualified low bid is determined under s. Comm 47.68(3).

50. Costs that exceed the maximum reimbursement established under s. Comm 47.68(7) (d).

51. Costs for unauthorized work performed more than 5 business days after the department issues a disqualification notice under s. Comm 47.70(4) (d).

52. Costs for any work performed between the due date of any submittal required under this subchapter and the date a past-due submittal is actually submitted.

53. Costs for performance bonds.

54. Costs incurred that exceed caps established by the department unless written department approval is received prior to performance of the corresponding work.

55. Interest ineligibility:
    a. If a claim is submitted more than 120 days after receipt of no further action notification, interest costs incurred 60 days after notification are ineligible.

    b. If written notification of no further remedial action was received prior to August 31, 2001, & the final claim is submitted more than 120 days after 8-31-01, interest costs incurred after January 2, 2002 are ineligible.

PENALIZED IN-ELIGIBLES

The following list contains items considered to be grossly ineligible for reimbursement per Comm 47.30(3)

An award for a claim which includes any costs in Comm 47.30(3)(b) and ***which was prepared and submitted by an owner or operator or person owning a home oil tank system*** *shall be reduced to exclude those costs, and shall then be further reduced by 50 percent of the total amount of those costs.*

A consultant who prepares a submitted claim *that includes any costs in 47.30(3)(b), shall pay to the department an amount equal to 50 percent of the total amount of those costs, and the award for the claim shall be reduced to exclude those costs.*

1. Costs incurred on or before August 1, 1987, for a remediation.

2. Costs for cleanup resulting from spills from petroleum transportation equipment.

3. Costs for investigations or remedial action activities conducted outside the state of Wisconsin.

4. Tank emptying, cleaning, disposing, removing, and closing costs after November 1, 1991.

5. Laboratory rush charges, unless related to an approved emergency action.

6. Air travel.

7. Costs associated with tank-system upgrades or retrofits, and any corresponding compliance with other state or federal rules or laws, and future business plans.

8. Costs for repairing, retrofitting, or replacing a petroleum product storage system or home oil tank system, such as for tank bedding materials or fill for setting tanks, lines, or canopies.

9. Costs associated with capital improvements, reinstallation of electrical power, dispensers, pumps, or other items for retrofits, upgrades, or new construction, unless written department approval is received prior to performance of the corresponding work.

10. Costs associated with concrete, blacktop replacement, on- site landscaping, or other improvements: except for depreciation costs for third-party actions, or for asphalt or concrete patching associated with well abandonment, or where written department approval is received prior to performance of the corresponding work.

11. Costs associated with razing of buildings, removal of roads, removal of footings and foundations, or other destruction of structures, or other redevelopment costs, unless written department approval is received prior to performance of corresponding work.

12. The opportunity cost of money, or interest income or dividend income lost because of a decision to use internal funding for a remediation.

13. Subcontractor markups for work performed after January 31, 1993. This subdivision does not apply to work that is included in a public bidding contract executed under s. Comm 47.69(1).

14. Costs associated with general program support and office operation which are expected to be included in the hourly staff rates, such as telephone charges, photocopying, faxes, paper, printing, postage, hand tools, personal protective equipment, computer equipment, computer-aided-design, and software charges.

15. Costs reimbursed by insurance companies unless performing in an agent role.

16. Costs associated with fees required by any other state agency, such as fees authorized by s. 292.55, Stats., and fees listed in ch. NR 749, except DNR closure review fees incurred prior to October 29, 1999.

COMPETITIVE PUBLIC BIDDING

The following is a brief guideline that describes the competitive public bidding process. See Comm 47 Subchapter VI for specific requirements regarding the public bidding process.

1. Consulting firm required to notify PECFA within 14 days of executing or terminating a contract; Comm 47.60.

2. If contract is terminated, Responsible Party must execute another contract or request an extension within 60 days; if RP does not comply with either requirement, interest is not eligible.

3. Consultant must complete progress reports, in a format prescribed by the Department, to inform the Department of progress & estimated costs of work to complete site investigation; Comm 47.62

4. Consultant shall file with the Department, a notice of completion of an investigation by the end of the calendar month that follows the firm's development of all data necessary to define either the remediation target or scope of remediation; Comm 47.62(4).

5. Assignment to public bidding per Comm 47.623: If the Department or DNR determines that the cost to complete a site investigation and remedial action will exceed $60,000 excluding interest, it shall be subject to the public bidding process in s. Comm 47.68.

6. Whenever the Department notifies an RP & the consultant that an occurrence is subject to public bidding per 47.68, a claim for eligible costs shall be submitted no later than 120 days after the Department's notice. Failure to submit a claim shall result in the ineligibility of interest incurred between the date of the notice and the date a claim is filed. Comm 47.625(1) & 47.625(3) (a).

7. Whenever a consulting firm completes a scope of work designated by the department, a claim for eligible costs incurred shall be submitted to the department no later than 120 days after completing that work. Failure to submit a claim shall result in the ineligibility of interest incurred between the date of the completion of the scope of work and the date a claim is filed. Comm 47.625(2) & 47.625(3) (b).

8. An occurrence may be exempt from the public bidding process if work performed is part of an emergency action, bidding is not cost effective, or an alternative acceptable bidding process has been used; Comm 47.63.

9. The Department may disqualify from public bidding any individual or firm that has failed to meet any of the requirements in Comm 47.67.

10. After the Department provides notification under 47.68(7) (b), the RP shall execute a written contract no later than 60 days, with one of the firms that submitted a bid under 47.38(2) to perform the work. Failure to execute a contract shall result in the ineligibility of interest from the date of the notification until a contract is executed; Comm 47.69.

11. The consulting firm holding the contract required in s. Comm 47.69(1) (a) shall report to the department, in a format prescribed by the department, the progress toward completing the scope of work defined in the bid specifications. Comm 47.70.

CLAIM SUBMITTAL MILESTONES

WHEN CAN A CLAIM BE SUBMITTED?

Claims may be submitted after certain milestones are reached per Comm 47.355 Award payments for claims received by the Department on or after April 21, 1998.

1. Completion of a Department approved emergency action.

2. After completion of an investigation and receipt of wrltten approval by the department to submit the investigation claim.

3. Approval of a closed remedial action or no further action.

4. Approval of natural attenuation as a final remedial response or at the end of each one-year cycle of the monitoring necessary to show that remediation by natural attenuation wlll occur.

5. At the end of each one-year cycle of monitoring required for off-site contamination.

6. After implementation and 1 year of actual operation, or monitoring, or combination thereof, and every 1 year thereafter.

7. For sites selected by the department for progress payments based upon extreme life safety and environmental risk and where the claimant has demonstrated to the department's satisfaction that he or she does not have the financial means to conduct a remediation without progress payments: the department shall be the sole determiner of whether progress payments are to be allowed, and an appeal of the decision to the department is not allowed.

Other interim payments-47.355(2) (d)-The department shall also make awards at the following points:

1. When a lender terminates a fundlng relationship with a claimant and requests reimbursement for the funds expended.

2. When a claimant has incurred eligible expenses equal to the occurrence maximum plus the applicable deductible.

3. When the conditions prescribed in s. 101.143(4) (a) 2.b. Stats, occur. The Department shall lssue an award if the owner or operator or the person has incurred at least $50,000 In unreimbursed eligible costs and has not submitted a claim during the previous 12 months. This **INCLUDES** owners or operators who meet the test of self- insurance under Comm 10.82.

4. Where there is a change in responsible party, if the previous responsible party files a claim.

5. When there is a change in consulting firms working on the project.

6. Where there is a change in lenders for the project.

7. When the department directs filing a claim, in an effort to reduce interest costs to the program.

Penalty for not submitting a required claim-47.355(2) (e)-If a claim submittal that is directed under par. (d)7. is not submitted within 120 days of receiving written notification of that directive, any interest expense beginning on the 121st day and extending until the department receives the claim, is not eiiglble.

Priority Processing-47.355(3):

(a) Department approved Emergency Actions

(b) Cost-effective remediations:

1. Tanks for schools, farms & home oil tanks.

2. Closed remedial action that is achieved at a total cost of $60,000 or less, excluding interest.

3. A claim for a petroleum product storage system which is owned by a school district and which is used for storing heating oil for consumptive use on the premises where stored.

Petroleum Environmental Cleanup Fund Award (PECFA) Program -- Maximum Awards, Total Annual Awards and Deductibles

		For Sites where the investigation is started before 12/22/2001			For Sites where the investigation is started on or after 12/22/2001		
Type of Tank	**Owner**	**Maximum Award Per Occurrence**	**Total Annual Awards**	**Deductible[2]**	**Maximum Award Per Occurrence**	**Total Annual Awards**	**Deductible[2]**
Home Heating Oil	All	$7,500	N/A	25% of eligible costs[3]	No Change	No Change	No Change
Under-ground	Non-Marketer (the system does not store products for resale and handles 10,000 or less gallons per month)	$500,000	$1,000,000[4]	$2,500 plus 5% of eligible costs, but not more than $7,500 per occurrence. **For claims where an acceptable RAP is received on or after 11/1/99. The deductible is $2500 plus 5%.** [6]	$190,000	$190,000	$10,000 per occurrence
Under-ground	Marketer (the system stores products for resale) or Non-marketer with system that handles more than 10,000 gallons per month	$1,000,000	$1,000,000[4]	$2,500 plus 5% of eligible costs, but not more than $7,500 per occurrence. **For claims where an acceptable RAP is received on or after 11/1/99. The deductible is $2500 plus 5%.** [6]	$190,000	$190,000	$10,000 per occurrence
Above-ground	The system does not store products for resale and handles 10,000 or less gallons per month	$500,000	$1,000,000[4]	$15,000 plus 2% of eligible costs over $200,000[5]	$190,000	$190,000	$10,000 per occurrence
Above-ground	The system stores products for resale or handles more that 10,000 gallons per month	$1,000,000	$1,000,000[4]	$15,000 plus 2% of eligible costs over $200,000[5]	$190,000	$190,000	$10,000 per occurrence
Farm	Underground and aboveground vehicle fuel systems of 1,100 gallons or less storing products not for resale	$100,000	$100,000	$2,500 plus 5% of eligible costs, but not more than $7,500 per occurrence	No Change	No Change	No Change
Public School District and Technical College District	Heating oil for consumptive use on premises	$190,000	$190,000	25% of eligible costs	No Change	No Change	No Change

(1) Maximum award in effect before December 22, 2001, applies to all eligible costs for investigations and remedial activities started before December 22, 2001.
(2) DSPS may waive the deductible if it determines that the owner or operator is unable to pay. If DSPS waives the deductible DSPS shall file a lien against the property until the lien is paid.
(3) Nonprofit housing organizations are exempt from paying the deductible for tanks owned by the organization if they assist low-income persons with housing related problems.
(4) $2,000,000 maximum annual award if the claimant owns or operates more that 100 petroleum product storage tank systems.
(5) For a "terminal" (a petroleum product storage system that is connected to a pipeline facility), the deductible is $15,000 plus 5% of the amount by which eligible cost exceed $200,000. **For a terminal where the RAP is received after 11/1/99 the deductible is $15,000 plus 10% of the amount by which eligible costs exceed $200,000.**
(6) The change in deductible first applies to a person who submits a remedial action plan that is acceptable to DSPS or DNR on November 1, 1999.

PECFA COVERAGE FOR NEW AND UPGRADED SYSTEMS

TANK SYSTEM TYPE:	SITE CONDITION:	OLD CONTAMINATION COVERED?	INSURANCE REQUIRED FOR:	INSURANCE WHEN?
NEW UNDERGROUND SYSTEM	*CLEAN OR CONTAMINATED*	YES, IF CONTAMINATION CONFIRMED BEFORE 1/1/96	NEW RELEASES FROM SYSTEM AFTER 1/1/96	*REQUIRED 1/1/96*
UPGRADED UNDERGROUND SYSTEM (see note 1)	CONTAMINATED AT TIME OF UPGRADE	YES, IF CONTAMINATION CONFIRMED BEFORE UPGRADE IS COMPLETED OR BEFORE 1/1/96	NEW RELEASES FROM SYSTEM WHEN CONFIRMED AFTER BOTH UPGRADE AND 1/1/96	REQUIRED ON 1/1/96, IF UPGRADED BEFORE THAT DATE, OR AFTER UPGRADE IF WORK IS COMPLETED AFTER 1/1/96 (see note 2)
UPGRADED UNDERGROUND SYSTEM (See note 1)	CLEAN AT TIME OF UPGRADE	NOT APPLICABLE	NEW RELEASES FROM SYSTEM WHEN CONFIRMED AFTER BOTH UPGRADE AND 1/1/96	REQUIRED ON 1/1/96, IF UPGRADED BEFORE THAT DATE, OR AFTER UPGRADE IF WORK IS COMPLETED AFTER 1/1/96 (see note 2)
NEW *ABOVEGROUND* SYSTEM	CLEAN OR CONTAMINATED	YES, IF CONTAMINATION CONFIRMED BEFORE 12/23/2001	INSURANCE IS NOT MANDATED, BUT NEW RELEASES FROM SYSTEM WHEN CONFIRMED AFTER 12/22/2001 WILL BE THE RESPONSIBILITY OF THE OWNER	
UPGRADED *ABOVEGROUND SYSTEM*	CLEAN AT TIME OF UPGRADE	NOT APPLICABLE	INSURANCE IS NOT MANDATED BUT NEW RELEASES FROM SYSTEM WHEN CONFIRMED AFTER 12/22/2001 WILL BE THE RESPONSIBILITY OF THE OWNER	
UPGRADED *ABOVEGROUND SYSTEM*	CONTAMINATED AT TIME OF UPGRADE	YES, IF CONTAMINATION CONFIRMED BEFORE UPGRADE IS COMPLETED	INSURANCE IS NOT MANDATED BUT NEW RELEASES FROM SYSTEM WHEN CONFIRMED AFTER 12/22/2001 WILL BE THE RESPONSIBILITY OF THE OWNER	

NOTE 1: An upgraded system, by definition is a system that has all of the following; Corrosion protected tank(s), Corrosion protected line(s), Spill containment devices, and Overfill devices.
NOTE 2: If a system is upgraded after 12/31/93, and the owner or operator applies for private insurance within 30 days, a 90 day tail on PECFA coverage is provided for the upgraded system(s).

ATE OF WISCONSIN
DEPARTMENT OF JUSTICE

AN HOLLEN
ATTORNEY GENERAL

Kevin M. St. John
Deputy Attorney General

Steven P. Means
Executive Assistant

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P.O. Box 7857
Madison, WI 53707-7857
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Thomas J. Dawson
Assistant Attorney General
dawsontj@doj.state.wi.us
608/266-8987
FAX 608/266-2250

July 7, 2011

Mike Berndt
Chief Legal Counsel
Wisconsin Department of Safety & Professional Services
P.O. Box 8935
Madison, Wisconsin 53708-8935

Re: *State of Wisconsin v. Miguel Veguilla and Parks Pioneer-Silver Steel* (Racine County)

Dear Mr. Berndt:

This is to acknowledge receipt of the above-entitled referral and to inform you that it has been assigned to Assistant Attorney General Cynthia Hirsch for review and, if appropriate, prosecution. Ms. Hirsch will be assisted by volunteer attorney Bradley Motl.

Sincerely,

Thomas J. Dawson
Assistant Attorney General

TJD:kmr

c: Laura M. Varriale
Eric Scott
Andy Alles
Oscar Herrera

commerce.wi.gov
Wisconsin
Department of Commerce

P. O. Box 7838
Madison, Wisconsin 53707
(608) 266-1018
TDD #: (608) 264-8777

Jim Doyle, Governor
Jack L. Fischer, A.I.A., Secretary

Writer's direct phone: (608) 261-2180 and fax: (608) 267-1381

June 30, 2011

Kevin C. Potter, Assistant Attorney General
Division Administrator, Legal Services
Wisconsin Department of Justice
PO Box 7857
Madison, WI 53707-7857

RE: Parks Pioneer – Silver Steel
1214 Frederick Street
Racine, WI 53404
RACINE COUNTY

Dear Mr. Potter:

In accordance with ss. 101.02(5)(f) and 101.02(13)(b), the Wisconsin Department of Commerce (Department) is seeking the enforcement of an Order it has issued and with which said Order has not been complied. The original Order was issued by the Department through its employee, Eric Scott, Section Chief of PECFA Site Review, after referral by Andy Alles, Hydrogeologist, with a date of February 18, 2010, and a compliance date of March 22, 2010, because the owner has failed to take the actions necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands or waters of this state according to Wis. Stats. s. 292.11(3), despite repeated contact attempts by Commerce staff. A final notice was sent and a letter of demand to comply was sent by me on January 6, 2011.

I have enclosed the enforcement files from the Department's Division of Environmental Regulation which issued the Orders. The file includes a complete chronology of the Department's actions and copies of the order and relevant documents which we understand would be needed to draft the legal documents needed to enforce this Order. The Department's Order seeks compliance for the protection of public health and safety. I request that you commence enforcement of the Order which includes the violation of Wis. Stats. s. 292.11(3).

This referral is being made after several failed attempts at compliance by Beth Erdman, Senior Hydrogeologist, Wisconsin Department of Commerce.

If you should have a technical question regarding this matter, please contact Andy Alles at (608) 261-8509, or Eric Scott, Section Chief at (608) 266-8516. If you should have questions regarding legal strategy, please contact me at (608) 261-2180. Please note that we will all now be employees of the Department of Safety and Professional Services and I do not know if our numbers will change.

Sincerely,

Laura M. Varriale

Laura M. Varriale
Assistant Legal Counsel

Encl. Referral File

cc: Oscar Herrera
Eric Scott
Andy Alles

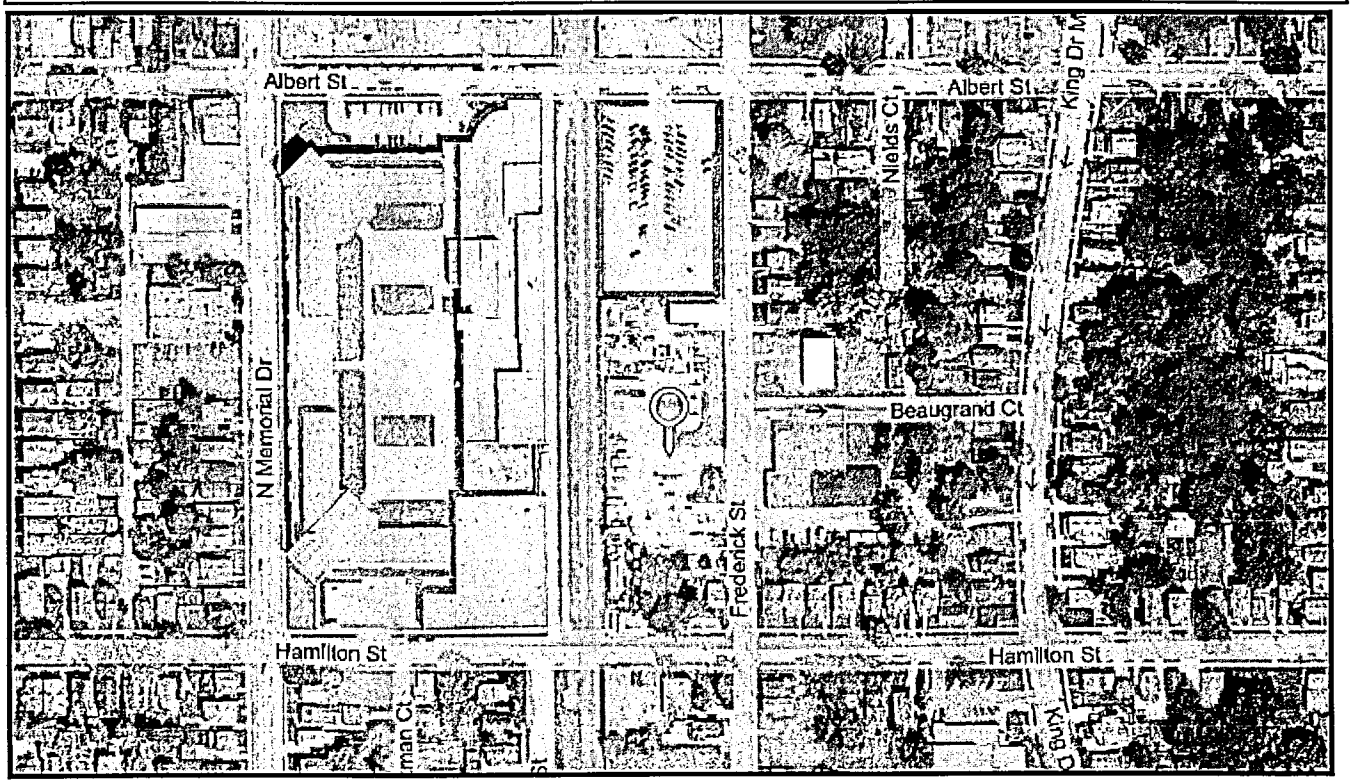
DOJ Referral Form

Parks Pioneer – Silver Steel
1214 Frederick Street
Racine, WI 53404

- Insert site photo (areal/birds eye available online or site photo from the file)

Map of 1214 Frederick St, Racine, WI 53404-3030 - Bing Maps

Print this page in a more readable format: Click **Print** next to the lower-left corner of the map.



1214 Frederick St, Racine, WI 53404-303042.736256 -87.797997

June 16, 2011

To: Laura M. Varriale

From: Department of Commerce, ERS Division

Parks Pioneer-Silver Steel, 1214 Frederick St, Racine

Commerce#: 53404-3030-18

County: Racine

Parcel ID #: 000008207000

BRRTS #: 03-52-203881

RE: Referral of Miguel Veguilla to the Department of Justice for failure to take the actions necessary to restore the environment as required by Section 292.11(3), stats., to Parks Pioneer-Silver Steel, 1214 Frederick St, Racine

I. Referral Summary

Miguel Veguilla owns Parks Pioneer – Silver Steel located at 1214 Frederick Street pursuant to the Warranty Deed recorded September 25, 2006. One 8000 gallon unleaded gasoline UST was closed and abandoned in place on January 25, 1991. Soil samples from the two borings indicated No Detection meaning the contamination levels were below those requiring action. One 8000 gallon diesel UST and one 550 gallon leaded gasoline UST were removed on October 7, 1998. Soil Samples were taken from both ends of the tanks and from beneath the diesel pump dispenser. Beneath the dispenser, 48,000 ppm DRO (diesel range organics) were discovered and 5,000 ppm GRO (gasoline range organics) by the east end of the gasoline UST.

A site investigation work plan was proposed dated December 7, 2001, by Advent Environmental Services, Inc. but never conducted. The site is currently listed as PECFA eligible. The Department of Commerce (Commerce) employees have made continual efforts to communicate with the responsible party (RP) with little to no response. The Department of Commerce is not aware at this time of any tax delinquencies or lawsuits against the responsible party.

Mr. Veguilla claims that the site has been covered by gravel by the person who sold the property to him as a condition imposed by the city and that allegedly took care of any outstanding duties to the environment. Commerce does not agree and has communicated the requirements to Mr. Veguilla.

Attached is a phone log and letters detailing the communication Commerce has had with Mr. Veguilla. Also attached are the State Orders written against Mr. Veguilla along with the proof of mailing and/or receipt

Commerce believes Miguel Veguilla should be referred to the Department of Justice (DOJ) for failing to take the actions necessary to restore the site.

II. Potential Defendants

Miguel Veguilla
1506 Dr Martin Luther King Dr.
Racine, WI 53404

Home: (262) 637-6767
Cell: (262) 488-6767

III. Department of Commerce Contacts

Andrew Alles
Senior Hydrogeologist
Department of Commerce
ERS Division
PO Box 8044
Madison, WI 53708-8044
(608) 261-8509
Andy.Alles@Wisconsin.gov

Eric Scott
Site Review Section Chief
Department of Commerce
ERS Division
PO Box 8044
Madison, WI 53708-8044
(608) 266-8516
Eric.Scott@Wisconsin.gov

IV. Potential Witnesses

Consultant hired by prior owner:
Christopher Armes
Advent Environmental Services, Inc.
PO Box 277
Mequon, WI 53092-2077
(414) 371-5020

V. Enforcement Actions

Repeated attempts to communicate with Mr. Veguilla to get him to conduct a site investigation as required under Wis. Stats. s. 292.11. After receiving no positive response, a state order was issued on February 18, 2010. A follow-up letter threatening referral to DOJ was sent January 6, 2011.

VI. Violations and Proof

Violation 1: Failure to take action following a documented hazardous substance release at Parks Pioneer – Silver Steel. The Responsible Party letter was sent on November 11, 1998. Mr. Miguel Veguilla purchased the property from the previous owner on September 22, 2006. Approximately two years of violation (October 28, 2009 to present) since official notification.

Section 292.11, Wis. Stats., requires that a person who possesses and controls a hazardous substance which is discharged or who causes the discharge of a hazardous substance shall take the actions necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands or waters of this state.

Proof: One 8,000-gallon diesel fuel UST and one 550-gallon leaded gasoline UST were removed from 1214 Frederick Street, Racine, WI 53704 on October 7, 1998. The Department of Natural Resources was informed that diesel fuel and leaded gasoline had leaked from the underground tank systems pursuant to the results of soil samples taken at removal which showed contamination above the DNR limits. (Exhibit 19). The DNR issued an RP letter sent on November 11,1998 (Exhibit Number 20).

No communication has occurred between Mr. Veguilla and Commerce since February 7, 2011 when Mr. Alles sent the RP a Consultant Agent List of Contacts Letter which provided the RP consultants who would act as agents for PECFA reimbursement purposes.

VII. Degree of Cooperation, Potential Defense Arguments and Mitigating Factors

Miguel Veguilla doesn't have any arguments for not completing the site investigation and remediation activities. Notification was received by the Wisconsin Department of Natural Resources on November 5, 1998. Myron Parks of Parks Pioneer received RP letter on November 11, 1998 and has made no progress since October 7, 1998 (Tank Closure Assessment Reports Exhibit Number 16,17,18).

VIII. Significance of the Violation

The degree and extent of the contamination from the UST tank pull is unknown, therefore it is difficult to gauge the environmental significance of the impact at this site.

Commerce believes that the property will not be remediated until legal sanctions are imposed and that program integrity would be affected if it were not referred.

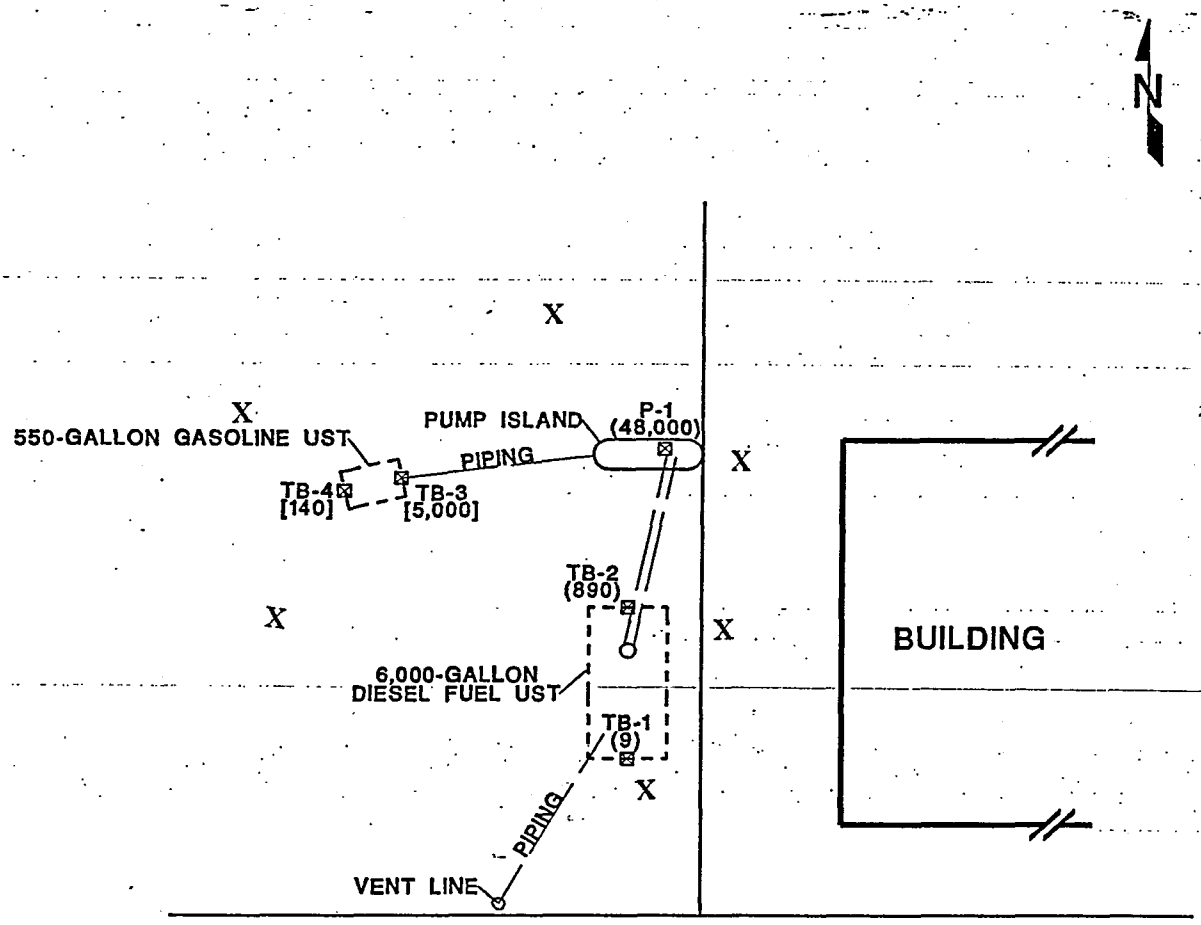
IX. Penalty Recommendations, Remedial Activities, Plan Modification, Court Ordered Schedule

Commerce would like to get the cleanup moving toward closed remedial action status. The Department of Commerce requires a site investigation of the former underground storage tank area. The RP must hire a PECFA registered environmental consulting firm. The site investigation should include six soil borings surrounding the former tank basin areas including the former pump island. Each soil boring should be drilled to twenty feet or until reach bedrock, which ever is the shorter distance. Two soil samples should be collected from each soil boring. One soil sample should be taken at the highest PID reading and the second soil sample from the bottom of the soil boring. The soil samples with Chain of Custody submitted for analytical testing of full VOC's. The results of the analytical testing submitted to the environmental consultant and the project manager, Andy Alles, at the Department of Commerce.

Wisconsin Statute 292.99(1) allows for forfeitures of not less than $10 nor more than $5,000 per violation per day. Using the figure of $10 per day from October 28, 2009 to present.

Exhibits

Site Map		Exhibit Number 1
County Parcel Information		Exhibit Number 2
County Tax Information		Exhibit Number 3
Deed		Exhibit Number 4
8/04/08	Initial Contact Form	Exhibit Number 5
06/28/07	Initial Contact Letter	Exhibit Number 6
08/04/08	Initial Contact Letter	Exhibit Number 7
07/11/08	Follow Up Phone Log	Exhibit Number 8
10/28/09	Notice of Violation	Exhibit Number 9
02/18/10	State Order	Exhibit Number 10
02/20/10	Certified Mail Response	Exhibit Number 11
06/14/10	Final Notice	Exhibit Number 12
06/15/10	Certified Mail Response	Exhibit Number 13
01/06/11	Final Demand Letter	Exhibit Number 14
02/14/11	Certified Mail Response	Exhibit Number 15
Tank Closure Assessment Report 1		Exhibit Number 16
Tank Closure Assessment Report 2		Exhibit Number 17
Tank Closure Assessment Report 3		Exhibit Number 18
12/22/98	Table 1 from UST Site Assessment Closure	Exhibit Number 19
09/11/98	Responsible Party Letter	Exhibit Number 20



X PROPOSED BORINGS

LEGEND:

TB-1 ⊠ SOIL SAMPLE LOCATION AND NUMBER

(9) DRO SOIL CONCENTRATION IN PPM (ND = NOT DETECTED)

[140] GRO SOIL CONCENTRATION IN PPM

SCALE (FEET): 0 20

FIGURE 2 SITE FEATURES
PARKS PIONEER
1218 SILVER STEEL SITE
RACINE, WISCONSIN

ADVENT
ENVIRONMENTAL SERVICES, INC.
DATE: 12/22/98
DRAWING #980186.00B

Print Parcel Id Detail to A Printer

Parcel Detail

**Payments for current year taxes will not be posted to this system until early part of March 2011 for all municipalities outside the City of Racine. The City of Racine payments will be posted in August 2011. Please contact the local treasurer for up to date information on current year property tax payments prior to those dates.

Owner Data

Owners Name	VEGUILLA, MIGUEL
Mail to Name	VEGUILLA, MIGUEL
Mail to Address 1	VEGUILLA, MIGUEL
Mail to Address 2	
Mail to Address 3	1506 DR M L KING JR DR
Mail to City	RACINE
Mail to State	WI
Mail to Zip Code	53404-0000

Property Data

Assessed Land	Assessed Improv.	Assessed Value	Avg. Assmt Ratio
$52,800	$0	$52,800	1.0162
			Est. Fair Mrkt. Value
			$51,958.28

Parcel Id	276 000008207000
Physical Address	1214 FREDERICK ST
Physical City	n\a
Physical State	n\a
Physical Zip	n\a
Year	2010

Tax Year	1st Half	2nd Half	Special	Total Tax	Lottery Credit	Amt Paid	Tax Balance
2010	$1,816.25	$629.45	$1,186.8	$2,445.7	$0	$0	$2,445.7

Recording Date	Doc #	Volume	Page
09/25/2006	2103041	0	0

Legal Description/Location of Property

1214 FREDERICK ST

NE 1/4 SECTION 8-3-23 BEG INTER NLN HAMILTON ST + WLN FREDERICK ST, N ALG SD WLN 76.5 FT TO POB, W 184.5 FT TO C N W RR ROW, N ALG SD ROW 354.5 FT, E 184.5 FT, S ALG WLN FREDERICK ST 354.5 FT TO POB 1.583 AC MOL

** Last Sale Price $25,000 **

* This is an abbreviated legal description only and is NOT valid for use on recordable documents. *
* If the sale price is zero the sale price either predates computer records or was not disclosed. *
* If the recording date is 9/24/1999 this is not the correct recording date. Please verify date with the Register of Deeds office (262) 636-3208 *

Home > City > Departments > Assessor > WebPro Header

WebPro - Online Racine Property Assessments

Search By: Street 1214 Frederick GO

Printable Record Card - Previous Assessment - Condo Info - Sales - Zoning - Building Permits - Online Map

Home

Search

Summary

Property Information

Location:	Property Account #:	Parcel ID:	Old Parcel ID:
1214 FREDERICK ST	09131100	08207000	

Current Property Mailing Address

Owner: VEGUILLA MIGUEL
Address: 1506 DR M L KING JR DR
City: RACINE State: WI Zip: 53404 Zoning: I2

Current Property Sales Information

Sale Date: 9/22/2006 Sale Price: $25,000.00 Sale Validity: Disqualified
Legal Reference: 2103041 Grantor(Seller): ECHEVERRIA,RANDY

Current Property Assessment Information

Year:	Building Value:	Land Value:	Total Value:
2010	$0.00	$52,800.00	$52,800.00

Land Area: 68955 Sq. Ft.

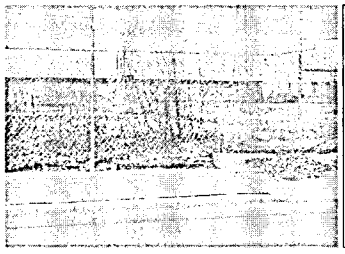
Narrative Description

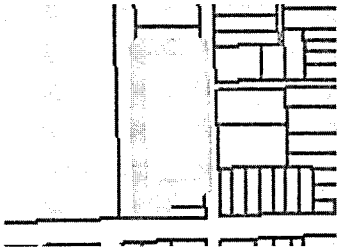
This property contains 68955 Sq. Ft. of land mainly classified as Vac.Land with a(n) style building, built about 0 , having exterior and roof cover, with 0 unit(s), total room(s), total bedroom(s), 0 total bath(s), 0 total half bath(s), 0 total 3/4 bath(s).

Legal Description

NE 1/4 SECTION 8-3-23 BEG INTER NLN HAMILTON ST + WLN FREDERICK ST, N ALG SD WLN 76.5 FT TO POB, W 184.5 FT TO C N W RR ROW, N ALG SD ROW 354.5 FT, E 184.5 FT, S ALG WLN FREDERICK ST 354.5 FT TO POB 1.583 AC MOL

Property Images





Interior

Exterior

Site Map | Disclaimer | Privacy | Contact Us |

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DOC # 2103041
Recorded
SEP. 25, 2006 AT 03:10PM

James A. Ladwig

JAMES A LADWIG
RACINE COUNTY
REGISTER OF DEEDS
Fee Amount: $11.00
Transfer Fee: $75.00

Rec[illegible]

Name and Return Address
MIGUEL VEGUILLA
1506 Dr. Martin Luther King Dr
Racine, WI 53404

11

276-000008207000

Parcel Identification Number (PIN)

Document Number	WARRANTY DEED Document Title

This Deed, made between

RANDY ECHEVERRIA

Grantor,

and MIGUEL VEGUILLA

Grantee,

Witnesseth, That the said Grantor, for a valuable consideration conveys to Grantee the following described real estate in Racine County, State of Wisconsin:

PARCEL B: Parcel 1: That part of the East One-half of the North East One-quarter (1/4) Section Eight (8), Township Three (3) North, Range Twenty-three (23) East, bounded as follow: Begin on the West line of Frederick Street at a point 182.05 feet North of the North line of Hamilton Street; thence West to the East line of the right of way of the Chicago & Northwestern Railroad Company; thence South along said right of way 156.05 feet; thence East to the West line of Frederick Street; thence North 156.05 feet to the place of beginning. Excepting therefrom the South 50 feet of the East 120 feet thereof. Said land being in the City of Racine, County of Racine and State of Wisconsin.

Parcel 2: The North Two Hundred Fifty (250) feet in width of the following: That part of the East One-half (1/2) of the North East One-quarter (1/4) of Section Eight (8), Township Three (3) North, Range Twenty-three (23) East, bounded as follows, to-wit: Begin on the West line of Frederick Street at a point 81.81 rods South of the North line of said Section; run thence West to the East line of right of way of Chicago & Northwestern Railroad Company; thence South along said East line, 24.24 rods; thence East to a point 100 feet West of the West line of Frederick Street; thence North 50 feet; thence East 100 feet to the West line of Frederick Street; thence North along the West line of Frederick Street to the place of beginning. Said land being in the City of Racine, County of Racine and State of Wisconsin.

This is not homestead property.

Together with all and singular the hereditaments and appurtenances thereunto belonging; and Grantor warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except municipal and zoning ordinances and agreements entered under them, recorded easements for the distribution of utility and municipal services, recorded building and use restrictions and covenants, general taxes for 2006, and will warrant and defend the same.

Dated this 22ND day of SEPTEMBER, 20 06.

RANDY ECHEVERRIA (SEAL) _____ (SEAL)

_____ (SEAL) _____ (SEAL)

AUTHENTICATION

Signature(s)

authenticated this _____ day of _____, 20____

_____

_____

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____
authorized by 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY:
JOHN U. SCHNEIDER - ATTORNEY AT LAW

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ATC File Number: 62847

ACKNOWLEDGMENT

STATE OF WISCONSIN)
) ss
RACINE County)

Personally came before me this 22ND day of SEPTEMBER, 2006 the above named RANDY ECHEVERRIA to me known to be the person who executed the foregoing instrument and acknowledge the same.

MARIA L. RIVERA NOTARY PUBLIC STATE OF WISCONSIN

Maria L. Rivera
Maria L. Rivera

Notary Public RACINE County, Wis.
My Commission is permanent. (If not, state expiration date: 7/12/09 to 7/1/6

*Names of persons signing in any capacity should be typed or printed below their signatures.

WARRANTY DEED

STATE BAR OF WISCONSIN
FORM No. 1 – 1982

Initial Contact Form

Commerce # 53404-3030-18

Site Name: Parks Pioneer-Silver Steel

Site Address: 1214 Frederick St

Parcel ID #: 08207000

RP (confirmed by most recent tax records): Mr. Miguel Veguilla

RP Mailing Address (confirmed by tax records): 1506 Dr Martin Luther King Jr Drive

via Switchboard

RP Telephone Number: (262) 637-6767

Claim Information

Is interest eligible? ☒ Yes ☐ No

Has the deductible been paid in full? ☐ Yes ☒ No

If no, how much remains? $10,000.00

Is occurrence classification required? ☒ Yes ☐ No

If yes, has Renee has been contacted about what needs to be provided: ☒ Yes ☐ No

Site Review Information

☒ Future Scope Required Identified

Brief Description: Soil boring investigation to define extent followed by groundwater investigation including monitoring wells installed.

What is the next approval step (one must be checked)?

- ☒ None, the site is starting and has 20K using UCCS
- ☐ Bid Deferral
- ☐ Change Order
- ☐ To Bid

Describe Personal Contact to date: Several Site Update Letters sent by Steve Mueller and one Site Update Letter sent by myself to site owner. Renee Dickey sent a letter requesting Occurrence ID letter be submitted by site owner.

commerce.wi.gov
Wisconsin
Department of Commerce

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
9316 North 107th Street
Milwaukee, Wisconsin 53224-1121
TDD #: (608) 264-8777
Fax #: (414) 357-4700
Jim Doyle, Governor
Mary P. Burke, Secretary

June 28, 2007

Mr. Miguel Veguilla
1506 Dr. Martin Luther King Jr. Dr.
Racine, WI 53404

RE: **Request for Site Update**

Commerce # 53404-3030-18-A DNR BRRTS # 03-52-203881
Parks Pioneer (Silver Steel) 1218 Frederick St., Racine

Dear Mr. Rabuck:

The Wisconsin Department of Commerce (Commerce) is requesting information regarding activities associated with petroleum contamination at the site referenced above. On May 31, 2007, the Department of Natural Resources (DNR) determined that, based on the limited site characterization conducted to date, the site appears to be a "low" to "medium" risk site and, consequently, transferred regulatory jurisdiction and the associated case file to Commerce.

Commerce requires that you submit any additional information and a plan to fulfill your responsibility to address the petroleum contamination. Under current regulations, many sites require little or no cleanup actions after adequate site investigation and risk assessment are performed.

Within 30 days, please inform Commerce in writing of your intentions to bring this case to closure. Please be aware that periods of inactivity and non-compliance can affect PECFA eligibility. Specifically, all work conducted and interest on any outstanding PECFA loan amount after December 31, 2006 are ineligible for reimbursement. To reestablish PECFA eligibility, you must contact Renee Dickey, PECFA Program Specialist-Senior, at (608) 264-8765 to address unmet reporting requirements. Commerce can pursue enforcement actions if you do not respond to this request for information.

Your prompt attention to this request is appreciated. If you have any questions, please contact me in writing at the letterhead address or by telephone at (414) 357-4704.

Sincerely,

Stephen D. Mueller
Senior Hydrogeologist
Site Review Section

commerce.wi.gov
Wisconsin
Department of Commerce

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
P.O. Box 8044
Madison, Wisconsin 53708-8044
TDD #: (608) 264-8777
Fax #: (608) 267-1381
Jim Doyle, Governor
Jack L. Fischer, A.I.A., Secretary

August 04, 2008

Miguel Veguilla
1506 Dr Martin Luther King Jr Dr
Racine, WI 53404

RE: **Request for Site Update**

Commerce # 53404-3030-18-A WDNR BRRTS # 03-52-203881
Parks Pioneer-Silver Steel, 1214 Frederick St, Racine

Dear Mr. Veguilla:

The Wisconsin Department of Commerce (Commerce) is requesting information regarding activities associated with petroleum contamination at the property referenced above.

Based on the limited site characterization conducted to date, this property appears to be a "low" to "medium" risk site and, under current regulations, properties such as yours require little or no cleanup actions after an adequate characterization and risk assessment are performed. A "closed" environmental case could enhance the sale ability of your property.

Several attempts (three) to contact you by phone have been unsuccessful. We would like to offer assistance to remediate your property. Funds are available from the Wisconsin Petroleum Environmental Fund (PECFA) to assist you financially with an investigation, remediation and eventual case closure. Eligibility for funding was established January 27, 1999. Although the property has changed ownership over the years, eligibility remains in effect for the 8000-gallon diesel and 550-gallon gasoline tanks removed by the Parks Pioneer Corp. in 1998.

Your prompt attention to this request is appreciated. Please submit any additional information and a plan to fulfill your responsibility to address the petroleum contamination within 30 days. If you have any questions, please contact me in writing at the letterhead address or by telephone at (608) 261-8509.

Sincerely,

Andrew Alles

Andrew Alles,
Senior Hydrogeologist
Site Review Section

Parks Pioneer Silver Steel
1218 Frederick Street
Racine, WI
#53404-3030-18
Phone Log

Date: July 11, 2008
Time: 9:58 a.m.
Number: (262) 637-6767
To: Mr. Miguel Veguilla
From: Mr. Andrew Alles
Notes: A lady answered and indicated Mr. Veguilla was unable to come to the phone so left message with lady was interested in talking to Mr. Veguilla about the property and to have Mr. Veguilla call me back. Lady indicates he would be interested in talking with me about the property.

Date: July 29, 2008
Time: 3:28 p.m.
Number: (262) 637-6767
To: Mr. Miguel Veguilla
From: Mr. Andrew Alles
Notes: A lady answered and indicated Mr. Veguilla is not in right now. I asked can I leave a message, and lady responded actually this is not a good time, I just ran up the stairs. The lady repeated, this is not a good time. So left another message for Mr. Miguell to call myself back.

Date: July 30, 2008
Time: Unknown
Number: (262) 637-6767
To: Mr. Miguel Veguilla
From: Mr. Andrew Alles
Notes: A lady answered and indicated Mr. Veguilla was unable to come to the phone so left message with lady was interested in talking to Mr. Veguilla about the property and to have Mr. Veguilla call me back.

Date: October 28, 2009
Time: 11:26 AM
Number: (262) 488-6767
To: Mr. Miguel Veguilla
From: Mr. Eric Scott
I called Mr. Veguilla's cell phone (262-488-6767) and spoke to him. I stated he hadn't received the 9/1/09 sent standard USPS and didn't have a clue what I was talking about. I told him I would send a new letter certified. I included your name in addition to mine as contacts.

Date: November 24, 2009
Time: Unknown
Number: (262) 488-6767
To: Mr. Miguel Veguilla
From: Mr. Andrew Allest
I called Mr. Veguilla's cell phone (262-488-6767) and was only unable to leave a message within his voice mail. Message indicated the Department of Commerce has many options to assist Mr. Miguel Veguilla financially to clean up his property.

Date: December 1, 2009
Time: 11:26 AM
Number: (262) 488-6767
To: Mr. Miguel Veguilla
From: Mr. Andrew Alles Eric Scott
I called Mr. Veguilla's cell phone (262-488-6767) and was able to speak with him directly over the phone. I restated the programs we have available to waive or reduce the deductible that also would send him the application forms so this could happen. Also shared other options the Department of Commerce has to assist Mr. Veguilla including agent status and the agent status process. The paper work for agent status was also sent to Mr. Veguilla after our phone conversation. Also indicated if have any questions at any time to please call myself, and the Department of Commerce is here to help.

Date: March 22, 2010
Time:10:48 AM
Number (262) 637-6767
To: Mr. Miguel Veguilla
From: Mr. Andrew Alles
I called the above number at Mr. Miguel Veguilla's listed residence. The phone bell rang nine times with no answer. Then the phone sounded like a click and a high pitched buzz occurred which sounds like a fax machine. Since was unable to leave a message, I had hung-up.

Date: March 22, 2010
Time:11:52 AM
Number (262) 637-6767
To: Mr. Miguel Veguilla
From: Mr. Andrew Alles
I called the above number at Mr. Miguel Veguilla's listed residence. The phone bell rang nine times with no answer. Then the phone sounded like a click and a high pitched buzz occurred which sounds like a fax machine. Since was unable to leave a message, I had hung-up.

Date: March 23, 2010
Time: Unkown

Number (262) 488-6767
To: Eric Scott
From: Mr. Miguel Veguilla
Mr. Miguel Veguilla told Eric that the site had been covered with gravel by the seller as a condition of something the City was involved in. Eric told he the file contained none of what he described. Eric gave him ten days to produce any information he could.

Date: about April 5, 2010
Time: Unkown
Number (262) 488-6767
To: Eric Scott
From: Mr. Miguel Veguilla
Mr. Miguel Veguilla told Eric that the previous owner had taken care of the problem and Mr. Veguilla was looking for the brother of the previous owner. Eric told he the file contained none of what he described. Eric gave him ten days to produce any information he could.

Date: August 25, 2010
Time: Noon
Number 262.488.6767
To: Miguel Veguilla
From: Eric Scott
Mr. Miguel Veguilla told Eric that the previous owner had taken care of the problem by covering the site with gravel and Mr. Veguilla was looking for the brother (Bob) of the previous owner (Randy). Eric told he the file contained none of what he described. Eric gave him ten days to produce any information he could.

Date: February 4, 2011
Time: 1:43 p.m.
Number 262.488.6767
To: Andy Alles
From: Miguel Veguilla
Mr. Miguel Veguilla called asking what he could do and what the Department of Commerce (Commerce) needed. I explained to Mr. Veguilla Commerce has records of a tank pull without a site investigation. Also explained to Mr. Veguilla our Consulant Agent Program and send him the information to begin signing up his site with a Consultant Agent.

7010 1870 0000 0365 9865

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WISCONSIN 53403 USPS

Sent To: Miguel Veguilla
Street, Apt. No.; or PO Box No.: 1506 Dr. Martin Luther King Jr Dr
City, State, ZIP+4: Racine, WI 53404

PS Form 3800, August 2006 See Reverse for Instructions

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
P.O. Box 8044
Madison, Wisconsin 53708-8044
Contact Through Relay
Fax #:(608) 267-1381
Jim Doyle, Governor
Richard J. Leinenkugel, Secretary

commerce.wi.gov
Wisconsin
Department of Commerce

October 28, 2009

CERTIFIED MAIL

Miguel Veguilla
1506 Dr Martin Luther King Jr Dr
Racine, WI 53404

RE: **Notice of Violation**

Commerce # 53404-3030-18 DNR BRRTS # 03-52-203881
Parks Pioneer-Silver Steel, 1214 Frederick St, Racine

Dear Mr. Veguilla:

The Wisconsin Department of Commerce (Commerce) has reason to believe you are in violation of the hazardous substance spill law, Section 292.11(3) Wisconsin Statutes for the property referenced above. This law requires you to take the action necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands or waters of the state.

On June 23, 2006, a letter from the Department of Commerce was sent requiring yourself to complete and submit an occurrence classification form, and a copy was enclosed for your use. To this date the occurrence classification form has not been received. As a result, the Department may not reimburse costs for any work performed between May 1, 2006 and the date the Department receives the form; reimbursement is not retroactive to May 1, 2006. Furthermore, on June 28, 2007 and August 4, 2008 Commerce sent you letters reminding you of your responsibility to bring this site to closure and requesting you submit the required information. To date no correspondence has been received.

Commerce is providing you with an opportunity to respond to your responsibility as the owner of the property. Within 30 days of the date of this letter, you must provide an update, including a timeline, of your intent to provide the information necessary to achieve closure. If you fail to respond, this case will be delegated to our Legal Counsel to continue this enforcement action.

Please contact me (608-266-8516) or Andrew Alles (608-261-2515) by telephone or in writing at the letterhead address to further discuss the site.

Sincerely,

Eric J Scott, Chief
Bureau of PECFA, Site Review Section

cc: Case File

commerce.wi.gov
Wisconsin
Department of Commerce

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
P.O. Box 8044
Madison, Wisconsin 53708-8044
Contact Through Relay
(608) 267-1381
Jim Doyle, Governor
Richard J. Leinenkugel, Secretary

STATE ORDER

February 18, 2010

Miguel Veguilla
1506 Dr Martin Luther King Jr Dr
Racine, WI 53404

RE: **STATE ORDER**

Commerce # 53404-3030-18 DNR BRRTS # 03-52-203881
Parks Pioneer-Silver Steel, 1214 Frederick St, Racine

Dear Mr. Veguilla:

Per the deed for the above captioned site, the land is owned by Mr. Miguel Veguilla and the property taxes are listed in your name.

On October 28, 2009, a Notice of Violation letter was sent by Certified mail from the Department of Commerce to you. The Notice of Violation letter included the following information: On June 23, 2006, a letter from the Department of Commerce was sent requiring yourself to complete and submit an occurrence classification form, and a copy was enclosed for your use. To this date the occurrence classification form has not been received. As a result, the Department may not reimburse costs for any work performed between May 1, 2006 and the date the Department receives the form; reimbursement is not retroactive to May 1, 2006. Furthermore, on June 28, 2007 and August 4, 2008 Commerce sent you letters reminding you of your responsibility to bring this site to closure and requesting you submit the required information. To date no correspondence has been received.

Commerce is providing you with an opportunity to respond to your responsibility as the owner of the property. Within 30 days of the date of this letter, you must provide an update, including a timeline, of your intent to provide the information necessary to achieve closure. If you fail to respond, this case will be delegated to our Legal Counsel to continue this enforcement action.

Based on your failure to provide the above information including a copy of a signed contract between a Wisconsin certified PECFA consultant and yourself, the Wisconsin Department of Commerce (Commerce) has reason to believe that you are in violation of the hazardous spill law, Section 292.11(3) Wisconsin Statutes for the property referenced above. This law requires you to take the action necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands or waters of the state.

<u>You are ordered to bring the site into compliance by March 22, 2010.</u>

Failure to comply will result in the site being referred to the Department of Justice (DOJ) for prosecution. Once the case is referred to DOJ, charges will be filed, the case will not be dismissed, and penalties, forfeitures ($10 to $5000 per violation, per day) and court costs will be sought. These will be significant in nature.

Your prompt attention to this matter is needed. Please contact me in writing at the letterhead address or by telephone at (608) 266-8516.

Sincerely,

Eric J. Scott
Bureau of PECFA, Site Review Section

cc: Oscar Herrera, PECFA Bureau Director
Eric Scott, PECFA Hydrogeologist

SENDER: *COMPLETE THIS SECTION*

- 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.

1. Article Addressed to:

Miguel Veguilla
1506 Dr Martin Luther King Dr
Racine WI 53404

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (*Printed Name*) Miguel Veguilla
C. Date of Delivery 2-20-10

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (*Extra Fee*) ☐ Yes

2. Article Number
(*Transfer from service label*) 7007 0710 0005 3435 2691

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

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Wisconsin
Department of Commerce

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
P.O. Box 8044
Madison, Wisconsin 53708-8044
Contact Through Relay
(608) 267-1381
Jim Doyle, Governor
Richard J. Leinenkugel, Secretary

FINAL NOTICE

June 14, 2010

CERTIFIED MAIL

Miguel Veguilla
1506 Dr Martin Luther King Jr Dr
Racine, WI 53404

RE: **FINAL NOTICE**

Commerce # 53404-3030-18 DNR BRRTS # 03-52-203881
Parks Pioneer-Silver Steel, 1214 Frederick St, Racine

Dear Mr. Veguilla:

Per the deed for the above captioned site, the land is owned by Mr. Miguel Veguilla and the property taxes are listed in your name.

Review of the file indicates that you have not complied with the State Order issued by the Wisconsin Department of Commerce (Commerce) on February 18, 2010.

Your new compliance date is July 16, 2010.

Failure to comply will result in the site being referred to the Department of Justice (DOJ) for prosecution. Once the case is referred to DOJ, charges will be filed, the case will not be dismissed, and penalties, forfeitures ($10 to $5000 per violation, per day) and court costs will be sought. These will be significant in nature.

Your prompt attention to this matter is needed. Please contact me in writing at the letterhead address or by telephone at (608) 266-8516.

Sincerely,

Eric J. Scott
Bureau of PECFA, Site Review Section

cc: Oscar Herrera, PECFA Bureau Director
Andrew Alles, PECFA Hydrogeologist

SENDER: *COMPLETE THIS SECTION*

- 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.

1. Article Addressed to:

Miguel Veguilla
1506 Dr. Martin Luther King Jr Dr
Racine, WI 53404

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X Janeen Deleon ☐ Agent ☐ Addressee

B. Received by (Printed Name) J. Deleon C. Date of Delivery JUN 16 2010

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? *(Extra Fee)* ☐ Yes

2. Article Number
(Transfer from servi
7009 0820 0001 0238 2529

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

commerce.wi.gov
Wisconsin
Department of Commerce

P. O. Box 7838
Madison, Wisconsin 53707
(608) 266-1018
Contact By Relay

Scott Walker, Governor
Paul F. Jadin, Secretary

Writer's direct phone: (608) 261-2180 and fax: (608) 267-1381

January 6, 2011

Mr. Miguel Veguilla
1506 Dr Martin Luther King Jr Dr
Racine, WI 53404

VIA CERTIFIED RETURN-RECEIPT MAIL AND REGULAR US MAIL

RE: Parks Pioneer-Silver Steel
1218 Frederick Street
Racine, WI 53404
Commerce #53404-3030-18 BRRTS #03-52-203881

Dear Mr. Veguilla:

Mr. Andy Alles, a hydrogeologist with the Department of Commerce has attempted to contact you by letter and phone numerous times. He has received no cooperation from you. You are the named responsible party for known petroleum contamination which occurred at the above-captioned site. Mr. Alles has repeatedly attempted to get you to begin a site investigation at this site as required by law. He has also informed you that you are eligible to receive assistance from the PECFA fund.

This letter from me is your last chance to comply before things escalate. If you do not respond to me by **February 7, 2011**, I will refer this case to the Department of Justice for prosecution. Once DOJ begins to prosecute, you will be subject to extensive fines and/or forfeitures which will be assessed at a rate of not less than $10 nor more than $100 per day per violation under §§101.02(12) and (13) Wis. Stats.

As Mr. Alles has told you extensively the Department of Commerce is requiring the following action by you to comply with the law:

The Department of Commerce requires a site investigation of the former underground storage tank area. You are to hire a PECFA registered environmental consulting firm. The site investigation should include six soil borings surrounding the former tank basin areas including the former pump island. Each soil boring should be drilled to twenty feet or until reach bedrock, which ever is the shorter distance. Two soil samples should be collected from each soil boring. One soil sample should be taken at the highest PID reading and the second soil sample from the bottom of the soil boring. The soil samples with Chain of Custody documentation shall be submitted for analytical testing of full VOC's. The results of the analytical testing shall be submitted to the environmental consultant and the project manager, Andy Alles, at the Department of Commerce.

You may contact either myself at the number above or Mr. Alles at (608) 261-8509.

Sincerely,

Laura M. Varriale

Laura M. Varriale
Assistant Legal Counsel

Cc: Oscar Herrera
Eric Scott
Andy Alles

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Sent To Miguel Vegulla
Street, Apt. No.; or PO Box No. 1506 Dr Martin Luther King Jr
City, State, ZIP+4 Racine WI 53404

PS Form 3800, August 2006 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- 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.

1. Article Addressed to:

Miguel Veguilla
1506 Dr Martin Luther King Jr Dr
Racine, WI 53404

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☒ Addressee

B. Received by (Printed Name) C. Date of Delivery 2-14-11

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☒ No

Miguel C Veguilla

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7010 1870 0000 0365 9865

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

Wisconsin Department of Commerce

Search Instructions	Search by Site, Owner, or Tank Characteristics	Search by Tank ID

Tank Detail

Site and Owner

Site Info	County & Municipality	Owner
Facility ID: 131737 SILVER STEEL CO	51 - RACINE	ID: 350708
1214 FREDERICK ST	City of RACINE	PARKS PIONEER CORP
RACINE	Fire Dept ID: 5101 - Racine	4320 N 35TH ST
Landowner Type: Private		MILWAUKEE WI 53216

Site Anniversary Date: Dispensers have Sumps: Unknown

Underground Storage Tank - ID: 329597, Wang ID: 510100609, Closed/Removed as of 10/07/1998, PTO Expiration: 06/01/1993

Install Date:		**Capacity in Gallons:**	8000	**Contents:**	Diesel
Tank Occupancy:	Industrial	**Marketer:**	N	**CAS Number:**	
Federally Regulated:	Y	**Spill Protection:**	Required - Not Installed	**Overfill Protection:**	Required - Not Installed
Overfill Prot Type:	- None -	**Containment Sump Installed:**	Unknown		
Corrosion Protect Type:		**Date of Lining:**		**Lining Inspected Date:**	
Leak Detection:	Inventory Control & Tightness Test	**Cath Test Date:**		**Cath Expire Date:**	
Leak Test Meth:		**Leak Expire Date:**		**Leak Test Date:**	
Construction Material:	Coated Steel	**Wall Size:**	Single	**Underground Piping:**	Y
Close Order Date:		**Close Order By:**			

Piping - Closed/Removed

Flex Connectors:		**UST mainfolded:**		**Related Tank ID:**	
Type:		**Aboveground Piping:**		**Aboveground Pipe Construction:**	
Construction Material:	Bare Steel	**Corrosion Protect Type:**		**Leak Detection:**	Inventory Control & Tightness Test
Cath Test Date:		**Cath Expire Date:**		**Leak Test Meth:**	
Leak Test Date:		**Leak Expire Date:**		**Pipe Wall Size:**	Single
Catastrophic Leak Detection:		**Cat Leak Test Date:**		**Piping System Type:**	Non-safe Suction

Inspections Click here for login page

Trans ID	Type	Status	Date	Fiscal Yr

** No inspections for this tank **

To Top

Wisconsin Department of Commerce

Search Instructions	Search by Site, Owner, or Tank Characteristics	Search by Tank ID

Tank Detail

Site and Owner

Site Info	County & Municipality	Owner
Facility ID: 131737 SILVER STEEL CO	51 - RACINE	ID: 350708
1214 FREDERICK ST	City of RACINE	PARKS PIONEER CORP
RACINE	Fire Dept ID: 5101 - Racine	4320 N 35TH ST
Landowner Type: Private		MILWAUKEE WI 53216

Site Anniversary Date: Dispensers have Sumps: Unknown

Underground Storage Tank - ID: 436023, Wang ID: null, Closed/Removed as of 10/07/1998

Install Date:		**Capacity in Gallons:**	550	**Contents:**	Leaded Gasoline
Tank Occupancy:	Mercantile/Commercial	**Marketer:**	N	**CAS Number:**	
Federally Regulated:		**Spill Protection:**	Required - Not Installed	**Overfill Protection:**	Required - Not Installed
Overfill Prot Type:	- None -	**Containment Sump Installed:**	Unknown		
Corrosion Protect Type:		**Date of Lining:**		**Lining Inspected Date:**	
Leak Detection:		**Cath Test Date:**		**Cath Expire Date:**	
Leak Test Meth:		**Leak Expire Date:**		**Leak Test Date:**	
Construction Material:	Bare Steel	**Wall Size:**	Single	**Underground Piping:**	Y
Close Order Date:		**Close Order By:**			

Piping - Closed/Removed

Flex Connectors:	N	**UST mainfolded:**	**Related Tank ID:**
Type:		**Aboveground Piping:**	**Aboveground Pipe Construction:**
Construction Material:	Bare Steel	**Corrosion Protect Type:**	**Leak Detection:**
Cath Test Date:		**Cath Expire Date:**	**Leak Test Meth:**
Leak Test Date:		**Leak Expire Date:**	**Pipe Wall Size:**
Catastrophic Leak Detection:		**Cat Leak Test Date:**	**Piping System Type:**

Inspections Click here for login page

Trans ID	Type	Status	Date Fiscal Yr

** No inspections for this tank **

To Top

Close this response window

This document was last revised: February 2010

Wisconsin Department of Commerce

Wisconsin Department of Commerce

Search Instructions	Search by Site, Owner, or Tank Characteristics	Search by Tank ID

Tank Detail

Site and Owner

Site Info	County & Municipality	Owner
Facility ID: 131737 SILVER STEEL CO	51 - RACINE	ID: 350708
1214 FREDERICK ST	City of RACINE	PARKS PIONEER CORP
RACINE	Fire Dept ID: 5101 - Racine	4320 N 35TH ST
Landowner Type: Private		MILWAUKEE WI 53216

Site Anniversary Date: Dispensers have Sumps: Unknown

Underground Storage Tank - ID: 329595, Wang ID: 510100607, Closed Filled With Inert Material as of 01/25/1991

Install Date:		**Capacity in Gallons:**	8000	**Contents:**	Unleaded Gasoline
Tank Occupancy:	Industrial	**Marketer:**	N	**CAS Number:**	
Federally Regulated:	Y	**Spill Protection:**	Required - Not Installed	**Overfill Protection:**	Required - Not Installed
Overfill Prot Type:	- None -	**Containment Sump Installed:**	Unknown		
Corrosion Protect Type:		**Date of Lining:**		**Lining Inspected Date:**	
Leak Detection:	Unknown	**Cath Test Date:**		**Cath Expire Date:**	
Leak Test Meth:		**Leak Expire Date:**		**Leak Test Date:**	
Construction Material:	Bare Steel	**Wall Size:**	Single	**Underground Piping:**	Y
Close Order Date:		**Close Order By:**			

Piping - Closed Filled With Inert Material

Flex Connectors:		**UST mainfolded:**		**Related Tank ID:**	
Type:		**Aboveground Piping:**		**Aboveground Pipe Construction:**	
Construction Material:	Unknown	**Corrosion Protect Type:**		**Leak Detection:**	Unknown
Cath Test Date:		**Cath Expire Date:**		**Leak Test Meth:**	
Leak Test Date:		**Leak Expire Date:**		**Pipe Wall Size:**	Single
Catastrophic Leak Detection:		**Cat Leak Test Date:**		**Piping System Type:**	Unknown

Inspections Click here for login page

Trans ID	Type	Status	Date	Fiscal Yr

**** No inspections for this tank ****

To Top

Close this response window

This document was last revised: February 2010

Wisconsin Department of Commerce

Conclusion and Recommendations

Results of this assessment indicate that a release has occurred from both the diesel and gasoline UST systems. Laboratory analysis revealed DRO concentrations as high as 48,000 parts per million (ppm) and GRO concentrations as high as 5,000 ppm. These concentrations exceed the Wisconsin Department of Natural Resources (WDNR) site investigation guideline of 10 ppm. Advent notified the WDNR of this release on November 5, 1998. Advent recommends investigating the extent of this release.

TABLE 1

PARKS PIONEER–1218 SILVER STEEL SITE

LABORATORY RESULTS

Sample ID	UST Sample Location	Sample Depth (feet)	Soil Type	Moisture Content	DROs (ppm)	GROs (ppm)
TB-1	South end of diesel UST	7	silty clay	Dry	9	not analyzed
TB-2	North end of diesel UST	7	silty clay	Dry	890	not analyzed
P-1	Diesel pump dispenser	3	silty clay	Dry	48,000	not analyzed
TB-3	East end of gasoline UST	6	silty clay	Dry	not analyzed	5,000
TB-4	West end of gasoline UST	6	silty clay	Dry	not analyzed	140

ppm = parts per million
ND = not detected
Shaded areas indicate concentrations above the WDNR investigative guideline of 10 ppm.

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters
2300 N. Dr. Martin Luther King, Jr. Drive
PO Box 12436
Milwaukee, Wisconsin 53212-0436
Telephone 414-263-8500
FAX 414-263-8606
TDD 414-263-8713

November 11, 1998

BRRTS#: 03-52-203881
Facility ID#: 252228240
BRR/LUST: LUST

MYRON PARKS
PARKS PIONEER
4320 N 35TH ST
MILWAUKEE WI 53216

SUBJECT: Reported Contamination at 1218 Frederick St., Racine

Dear Mr. Parks:

On 11-5-98 Randy Igel of Advent Environmental informed the Department that diesel fuel and leaded gasoline which leaked from underground storage systems caused soil contamination and potential groundwater contamination at the subject location.:

Based on the information submitted to the Wisconsin Department of Natural Resources (WDNR), we believe you are responsible for restoring the environment at the referenced site under Section 292, Wisconsin Stats., known as the hazardous substances spills law. Utilizing information submitted to the Department, this case has been assigned an unknown ranking due to the lack of information concerning soil and groundwater contamination.

WDNR Southeast Region Prioritization and Scoring Policy

Due to the WDNR workload, it is necessary to rank all contamination cases for review priority. Lower priority cases do not have assigned project managers, however, responsible parties are required to proceed with investigation and clean-up efforts. Until a priority has been assigned to this site, you should proceed with the required response work, submitting all plans and reports, along with status reports, to this office. The WDNR will notify you if your site will receive active oversight.

Your responsibilities include investigating the extent of the contamination and then selecting and implementing the most appropriate remedial action. Enclosed is information to help you understand what you need to do to ensure your compliance with the spills law.

The purpose of this letter is threefold: 1) to describe your legal responsibilities, 2) to explain what you need to do to investigate and clean up the contamination, and 3) to provide you with information about cleanups, environmental consultants, possible financial assistance, and working cooperatively with the Department of Natural Resources.

Legal Responsibilities:
Your legal responsibilities are defined both in statute and in administrative codes. The hazardous substances spill law, Section 292.11 (3) Wisconsin Statutes, states:

* RESPONSIBILITY. A person who possesses or controls a hazardous substance which is discharged or who causes the discharge of a hazardous substance shall take the actions necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands, or waters of the state.

Wisconsin Administrative Codes chapters NR 700 through NR 728 establish requirements for emergency and interim actions, public information, site investigations, design and operation of remedial action systems, and case closure. Chapter NR 708 includes provisions for immediate actions in response to limited contamination. Wisconsin Administrative Code chapter NR 140 establishes groundwater standards for contaminants that reach groundwater.

Steps to Take:
The longer contamination is left in the environment the farther it can spread and the more it may cost to clean up. Quick action may lessen damage to your property and neighboring properties and reduce your costs in investigating and cleaning up the contamination. To ensure that your cleanup complies with Wisconsin's laws and administrative codes, you should hire a professional environmental consultant who understands what needs to be done. These are the first four steps to take:

1. By 12-29-98, please submit written verification (such as a letter from the consultant) that you have hired an environmental consultant. You will need to work quickly to meet this timeline.

2. By 2-12-99, your consultant must submit a workplan and schedule for the investigation. The consultant must follow the DNR administrative codes and technical guidance documents. Please include with your workplan a copy of any previous information that has been completed (such as an underground tank removal report or a preliminary excavation report).

3. Please inform DNR of what is being done at your site. Submittal requirement timelines depend on the contaminants at the site. As described in s. NR 700.11, if the site meets criteria for a "simple site", progress reports must be submitted semi-annually, beginning 6 months from the initial notification date. If the site meets criteria for a "complex site", the site investigation report and a draft remedial options report must be submitted to DNR within 30 days of completion of both reports. Your consultant must clearly document the extent and degree of soil and groundwater contamination and submit a proposal for cleaning it up.

4. For complex sites, per s. NR 724.13(3), you or your consultant must provide a brief report at least every 90 days, starting after the remediation system begins operation. The reports should summarize the work completed since the last report. Quarterly reports need only include one or two pages of text, plus any relevant maps and tables. However, should conditions at your site warrant, we may require more frequent contacts with the Department.

Due to the number of contaminated sites and our staffing levels in DNR's Southeast Region, we will be unable to provide workplan approvals for investigations or remedial actions. To maintain your compliance with the spills law and chs. NR 700 through NR 728, do not delay the investigation and cleanup of your site by waiting for DNR response. We have provided detailed technical guidance to environmental consultants. Your consultant is expected to know our technical procedures and administrative codes and should be able to answer your questions on meeting cleanup requirements.

Your correspondence and reports regarding this site should be sent to:

Michael Farley, BRR Program Assistant
Wisconsin Department of Natural Resources
Box 12436
Milwaukee WI 53212

Unless otherwise requested, please send only one copy of plans and reports. To speed processing, correspondence should reference the BRRTS and FID numbers shown at the top of this letter.

Information for Site Owners:
Enclosed is a list of environmental consultants and some tips on selecting one. If you are eligible for reimbursement of costs under Wisconsin's PECFA program (see last paragraph) you will need to compare at least three consultants' proposals before hiring a consultant. Consultants and laboratories working in the PECFA program are required to carry errors and omissions insurance to help protect you against unsuitable work. Also enclosed are materials on controlling costs, understanding the cleanup process, and choosing a site cleanup method. Please read this information carefully.

If you are interested in obtaining the protection of limited liability under s. 292, Stats., please call 1-800-367-6076 in DNR's Madison office for more information. The liability exemption under s. 292 Stats., is available to persons who meet the definition of "purchaser" in s. 292 and receive DNR approval for the response actions taken at the property undergoing cleanup. DNR will determine eligibility for this program on a case-by-case basis, prior to the "purchaser" developing a scope of work for conducting a ch. NR 716 site investigation.

Financial Information:
Reimbursement from the Petroleum Environmental Cleanup Fund (PECFA) is available for the costs of cleaning up contamination from eligible petroleum storage tanks. The fund is administered by the Department of Commerce (Commerce). Please contact DILHR at (608) 266-2424 for more information on eligibility and regulations for this program.

Thank you for your cooperation.

Sincerely,

Michael G. Farley
Program Assistant
414-263-8680

CC: Randy Igel, Advent

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
P.O. Box 8044
Madison, Wisconsin 53708-8044
TDD #: (608) 264-8777
Fax #: (608) 267-1381

commerce.wi.gov
Wisconsin
Department of Commerce

Scott Walker, Governor
Paul F. Jadin, Secretary

February 7, 2011

CERTIFIED MAIL

Miguel Veguilla
1506 Dr Martin Luther King Jr Dr
Racine, WI 53404

RE: **Consultant Agent List of Contacts**

Commerce # 53404-3030-18-A DNR BRRTS # 03-52-203881
Parks Pioneer-Silver Steel, 1214 Frederick St, Racine

Dear Mr. Veguilla:

On February 4, 2011, the Wisconsin Department of Commerce (Commerce) received an inquiry from you on how to move this site forward. A written contract with a PECFA-registered consulting firm to complete the investigation at the site referenced above is required. Over the phone, I explained the Consultant Agent process which I would recommend. Enclosed is a list of environmental consulting firms willing to act as an agent for responsible parties, such as you. I have highlighted three environmental consultants closest to you on the list. Also enclosed is information describing PECFA consultant agents.

Please contact any one of these environmental consultants requesting the consultant becoming a consultant agent for your property and to begin filling out the necessary paperwork. Also enclosed is information describing PECFA consultant agents. Within 30 days of the date of this letter have the environmental consultant willing to become an agent contact myself. Please then have the environmental consultant willing to become an agent contact myself.

If you have any questions, please contact me in writing at the letterhead address or by telephone at (608) 261-8509.

Sincerely,

Andrew Alles

Andrew Alles,
Senior Hydrogeologist
Site Review Section

Enclosure: List of Environmental Consulting firms interested in working as agents
Information describing PECFA Consultant Agents

cc: Case File

PECFA Agent List-December 2010

Company	Contact	Email Address	Address 1	Address 2	City	State	Zip Code	Phone Number
OMNNI Associates Inc	Dave Fries	dave.fries@omnni.com	One Systems Dr		Appleton	WI	54914	920-735-6900
MSA Professional Services Inc	Kevin Olson	kevino@msa-ps.com	1230 South Blvd		Baraboo	WI	53913	608-356-2771
MSA Professional Services Inc	Kevin Olson	kevino@msa-ps.com	201 Corporate Dr		Beaver Dam	WI	53916	920-887-4242
Delta Consultants	Rick Carney	rcarney@deltaenv.com	175 N Patrick Blvd Ste 175		Brookfield	WI	53045	262-789-0254
BLS Environmental Inc	Randy W Rogness	bls1825@wi.rr.com	1825 N 166th St		Brookfield	WI	53005	414-690-6685
OM Enterprises Inc	Raghu B Singh	raghuom@gmail.com	4765 N 158th St		Brookfield	WI	53005	262-853-0712
Assured Environmental Assoc Inc	Gregory S Walsh	aea@wi.rr.com	14120 W Glendale Ave		Brookfield	WI	53005	262-781-4646
Tetra Tech	Eric P. Oleson	eric.oleson@tetratech.com	1837 County Highway OO		Chippewa Falls	WI	54729	715-832-0282
Northern Environmental Inc	Lynelle Caine	Lynelle.Caine@northernenvironmental.com	210 S Hwy 141		Crivitz	WI	54114	715-854-3360
Yaggy Colby Associates Inc	Mark D Augustine	marka@yaggy.com	PO Box 180500		Delafield	WI	53018	262-646-6855
MSA Professional Services Inc	Lynette Carney	lcarney@msa-ps.com	301 W 1st St Ste 408		Duluth	MN	55802	218-722-3915
MSA Professional Services Inc	Daniel Cervin	dcervin@msa-ps.com	301 W 1st St Ste 408		Duluth	MN	55802	218-722-3915
ProSource Technologies Inc	Jeff Anderson	janderson@prosourcetech.com	227 W 1st St		Duluth	MN	55802	218-625-7004
K Singh & Associates Inc	Pratap N Singh	psingh@ksaconsultants.com	1135 Legion Dr		Elm Grove	WI	53122	262-821-1171
Pioneer Environmental	Joseph A. Drapeau	jdrapeaupioneer@rxn.com	PO Box 729		Elm Grove	WI	53122	608-437-3900
Meridian Env Consulting LLC	Kenneth Shimko	kshimko@charter.net	2711 N Elco Rd		Fall Creek	WI	54742	715-832-6608
Moraine Environmental Inc	Thomas C. Sweet	moraine@execpc.com	1402 7th Ave		Grafton	WI	53024	262-377-9060
Bay Environmental Strategies Inc	Tyler Breitenfeldt	tlbreitenfeldt@bayenvironmental.com	2920 S Webster Ave Ste C		Green Bay	WI	54301	920-347-2234
Bay Environmental Strategies Inc	Dennis Greil	dcgreail@bayenvironmental.com	2920 S Webster Ave Ste C		Green Bay	WI	54301	920-347-2234
Bay Environmental Strategies Inc	Noel Versch	nmversch@bayenvironmental.com	529 S Jefferson St Ste 10		Green Bay	WI	54301	920-433-0300
Endeavor Environmental Services Inc	Joseph Ramcheck	jramcheck@endeavorenv.com	2280-B Salscheider Ct		Green Bay	WI	54313	920-437-2997
Mach IV Engineering	Chad M Fradette	cfradette@mach-iv.com	2701 Larsen Rd		Green Bay	WI	54303	920-569-5765
NRP Environmental Consultants Inc	Robert Herubin	bobh@nrpconsultants.com	2357 Pamperin Rd		Green Bay	WI	54313	920-662-9212
Endpoint Solutions LLC	Kirk Kapfhammer	kirk@endpointsolutionsllc.com	12065 W Janesville Rd		Hales Corners	WI	53130	414-427-1200
Robert E Lee & Associates Inc	Mark A Foht	mfoht@releeinc.com	4664 Golden Pond Park Ct		Hobart	WI	54155	800-986-6338
ChemReport Inc	Sean Cranley	scranley@chemreport.com	4515 Washington Rd		Kenosha	WI	53144	262-654-7020
METCO	Ron Anderson	rona@metcohq.com	1421 State Rd 16		La Crosse	WI	54601	608-781-8879
BT2 Inc	Mark Tusler	mtusler@bt2inc.com	2830 Dairy Dr		Madison	WI	53718	608-216-7335

Liesch Environmental Services Inc	Scott Rickard	scott.rickard@liesch.com	6000 Gisholt Dr Ste 203		Madison	WI	53713	608-223-1532
MSA Professional Services Inc	Richard Lyster	richardl@msa-ps.com	2901 International Ln Ste 300		Madison	WI	53704	608-242-7779
Seymour Environmental Services Inc	Robyn Seymour	rseymour@chorus.net	2531 Dyreson Rd	PO Box 398	Mc Farland	WI	53558	608-838-9120
Cedar Corporation	Scott E McCurdy	scott.mccurdy@cedarcorp.com	604 Wilson Ave		Menomonie	WI	54751	715-235-9081
Drake Consulting Group LLC	D J Burns	djburns@drakecg.com	10624 N Port Washington Rd Ste 202		Mequon	WI	53092	262-241-0005
Resource Engineering Associates Inc	William Buckingham	bill@reaeng.com	3510 Parmenter St Ste 100		Middleton	WI	53562	608-831-5522
Environmental & Development Solutions Inc	Jason Bartley	jbartley@edsinc.us	6637 N Sidney Pl		Milwaukee	WI	53209	414-228-9810
Environmental & Development Solutions Inc	Trent J Ott	tott@edsinc.us	6637 N Sidney Pl		Milwaukee	WI	53209	414-228-9810
Environmental & Development Solutions Inc	Rick Frieseke	rfrieseke@edsinc.us	6637 N Sidney Pl		Milwaukee	WI	53209	414-228-9810
Key Engineering Group Ltd	D'Arcy Gravelle	dgravelle@keyengineering.com	735 N Water St Ste 510		Milwaukee	WI	53202	414-224-8300 X21
Sigma Environmentai Services	David F Scherzer	DScherzer@theSigmaGroup.com	1300 W Canal St		Milwaukee	WI	53233	414-643-4200
Shaw Environmental Inc	Tim Welch	timothy.welch@shawgrp.com	111 W Pleasant St Ste 105		Milwaukee	WI	53212	414-291-2359
Endpoint Solutions LLC	Kirk Kapfhammer	kirk@endpointsolutionsllc.com	PO Box 307		Necedah	WI	54646	877-268-9325
Shaw Environmental Inc	Steven Osesek	steve.osesek@shawgrp.com	831 Critter Ct Ste 400		Onalaska	WI	54650	608-781-5470
Alpha Terra Science	Kendrick Ebbott	kenebbott@alphaterra.net	1237 Pilgrim Rd		Plymouth	WI	53073	920-892-2444
Konicek Environmental Consulting	Greg Konicek	G_Konicek@yahoo.com	1032 S Spring St		Port Washington	WI	53074	262-284-2557
General Engineering Company	Lynn Bradley	lbradley@generalengineering.net	916 Silver Lake Dr		Portage	WI	53901	608-742-2169
MSA Professional Services Inc	Kevin Olson	kevino@msa-ps.com	1835 N Stevens St		Rhinelander	WI	54501	800-362-4505
Cooper Engineering Co Inc	Sharon Masek	smasek@cooperengineering.net	PO Box 230		Rice Lake	WI	54868	715-234-7008
MSA Professional Services Inc	Lynette Carney	lcarney@msa-ps.com	302 E Thomas St		Rice Lake	WI	54868	800-777-7380
Midwest Engineering Services	Brian Youngwirth	byoungwirth@midwesteng.com	608 N Stanton St		Ripon	WI	54971	920-745-2200
Ramaker & Associates Inc	Ben Christianson	benrc@ramaker.com	1120 Dallas St		Sauk City	WI	53583	608-643-4100
ATC Associates Inc	Scott Fleming	scott.fleming@atcassociates.com	1223 W Main St		Sun Prairie	WI	53590	920-725-1145
Endpoint Solutions LLC	Kirk Kapfhammer	kirk@endpointsolutionsllc.com	PO Box 157		Three Lakes	WI	54562	877-268-9325
Midwest Engineering Services	Pat Patterson	ppatterson@midwesteng.com	821 Corporate Ct Ste 102		Waukesha	WI	53189	262-521-2125
REI Engineering Inc	Kenneth J Lassa	klassa@reiengineering.com	4080 N 20th Ave		Wausau	WI	54401	715-675-9784
REI Engineering Inc	David Larsen	dlarsen@reiengineering.com	4080 N 20th Ave		Wausau	WI	54401	715-675-9784
United Engineering Consultants Inc	Timothy J Anderson	tauec@sbcglobal.net	10617 W Oklahoma Ave		West Allis	WI	53227	414-327-8790
Environmental & Safety Consultants	Joe Michaelchuck P.E.	michaelchuck@esconsultant.com	4792 Anna Rd		West Bend	WI	53095	414-531-7067
CWE Inc	Cindy Zelenka	czelenka@cwengineers.com	PO Box 107		Weston	WI	54476	715-359-9400

System maintenance will be performed on Saturday, February 5, 2011, from 5:00am to 7:30am; Commerce web applications will be unavailable during this time period.

PECFA Consulting Firm - Agent Information

PLEASE SEE NEW INFORMATION BELOW

PECFA consultant-agent status is an alternative approach to funding cleanup activities at PECFA eligible sites. It is designed to be an additional tool to help sites that have become stalled move forward. A list of environmental consulting firms willing to act as agents for PECFA cleanup sites will be published on the PECFA web page to be used by those in the process of obtaining a PECFA agent.

What is an agent?

- A PECFA "agent" is a person or organization designated by an owner, operator or person owning a home oil tank system, to act on their behalf when conducting the remedial activities.

What are the responsibilities of an agent?

- The agent is responsible for managing and carrying the costs for an environmental cleanup on behalf of the responsible party and submitting a PECFA reimbursement claim.

Who is the claimant for PECFA reimbursement?

- The claimant under the PECFA program is always the owner or operator of the property.

What are the responsibilities of the claimant?

- PECFA site eligibility must be determined prior to agent approval.
- Arrangement for satisfaction of the site deductible must be done prior to agent approval. Financial hardship claimants may qualify for a deferment or reduction, which requires a lien on the property by Commerce.

For information regarding deferment or reduction of the deductible please contact: Tanya Herranz at 608-266-6796. For an application please visit:

How is the reimbursement disbursed under the PECFA program?

- The reimbursement check will be issued in both the claimants and the agents name and will be mailed to the agent.
- Consulting firms are not eligible for interest reimbursement.
- Use of 'promissory note' agreements will be allowed for reimbursement of sub-contractor payments.
- PECFA will allow a claim to be submitted four times per year.

What is required of the consulting firm acting as agent?

- Must be a PECFA registered consulting firm.
- Must maintain compliance with Comm 47, Wis. Administrative Code and Wisconsin State Statute 101.143.
- Must complete and submit a Form 6, and Form 6CA, (for each site) and recieve Commerce approval for agent status.
- ***NEW INFORMATION*** -Must include a Form Substitute W-9 Taxpayer Identifition Number (TIN) Verification. This form must be signed by the claimant and include the claimants' TIN number.
- Must execute the standard Commerce agent contract with the claimant and submit the signature page to Commerce.
- Must only perform PECFA eligible work on the site.
- Must be willing to carry all site cleanup costs and pay any commodity service providers, (either directly or through the use of a promissory note), until the approved scope of work is completed.

Outcomes of becoming an approved agent

- Consulting firm (agent) will not be paid when the work is completed but rather when a claim is filed.
- Reimbursement checks are sent directly to the agent; however, by law it must also be payable to the claimant.
- Commodity costs must be incurred in order for them to be reimbursed in a claim. Currently there are two options to finance this:
    1. The agent pays the commodity providers directly.
    2. The agent signs a promissory note with the commodity provider which is satisfied when the consulting firm receives the reimbursement check.
- Commerce will make efforts to approve cleanup activities using public bid deferments. However, in situations where an extensive remedial effort is necessary, such as an engineered system, the public bidding process may be used.
- Agent approvals may be withdrawn, in writing, by Commerce at any time. Situations that may cause this include, work not being completed in a timely manner, failure to meet DNR requirements, or failure to pay sub-contractors within a contracted timeline after receiving reimbursement for their work.

Claim Filing

- Claim packets will be mailed directly to the agent.
- Agents may sign the claim forms on behalf of the claimant.
- Once an original W-9 form with an owners' signature is submitted, it may be copied and submitted in future claims, if the agent has verified with the claimant the information is still current.
- Proper supporting documentation for all invoices must be submitted in a claim. This includes sub contractor invoices, technical reports, required backup documentation and standardized invoices for Usual & Customary (U&C) costs.

- There will be no pre-approval of invoices on agent sites.
- Agents may file claims no more frequently than every 90 days. However, an exception may be granted with prior approval* when high cost commodities are incurred.

  ***If you need approval to submit a claim please contact:**
  Dennis Legler 608-267-7642 Or
  Renee Dickey 608-264-8765

- Costs for claim submittal will not be included costs caps. This task will be monitored by the claim review staff and applies to agent approved sites only.

FAQ's

Q. Do claims for agent approved sites get priority review?
A. No. Currently claims are audited and paid within 60 days of receipt.

Q. My sub-contractor wants to be paid immediately for their work and I have already submitted a claim in the past 90 days. How can I get my sub-contractor paid quickly?
A. Contact the Department for approval to submit a claim for those commodity costs.

Q. Can Commerce issue a reimbursement check made out only in the name of the agent?
A. No. The law provides reimbursement to the claimant per 101.143(4) Wis. Stats. The code allows for joint claim submittal and reimbursement payable to both parties when there is an agent, per Comm 47.10 (1)(b).

Q. Do I still need to provide proof of payment for all activities with a claim?
A. For consultant costs--no, the agent agreement allows you to carry the cost on your books until the approved scope of work has been completed. For sub-contractor costs--yes, this would either be in the form a cancelled check payable to the sub-contractor, or a promissory note that both the agent and sub-contractor sign.

Q. Is there a time limit in which a scope of work must be completed?
A. If Commerce determines that work is not progressing, we have the authority to terminate the contract and agent from further work on a site.

Q. If a site receives conditional closure with land use limitations, (such as direct contact issues, or barrier cap maintenance), is the agent responsible for this in the future?
A. No, it is the responsibility of the site owner.

Q. Does agent registration fulfill my requirement to register as a PECFA consulting firm per Comm 5?
A. No. You still must register and pay a fee, per Comm 5, to be considered a registered PECFA consulting firm. The consultant-agent registration will establish a list of PECFA registered consulting firms who have expressed interest in working as an agent on PECFA sites. The list will be a tool to assist PECFA customers in moving their sites toward closure.

Q. I would like to be included on Commerce's agent list, how do I do this?
A. You can subscribe to the list at: http://doa.wi.gov/WebSurveys/TakeSurvey.aspx?SurveyID=7452nl6

Consultants that have subscribed to this list and wish to be removed please contact Renee Dickey at 608-264-8765 or renee.dickey@wisconsin.gov

Questions??

If you have additional questions regarding the consultant-agent process, please contact:

Dennis Legler 608-267-7642 Or
Renee' Dickey 608-264-8765

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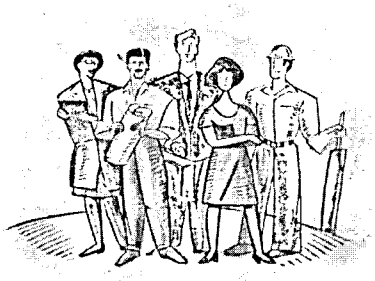


Selecting an Environmental Consultant

PUB-RR- 502 February 2008

Why do I need a consultant?

If the Wisconsin Department of Natural Resources (DNR) has notified you that you are responsible for investigation and cleanup of soil or groundwater contamination, you need professional assistance to get the work done. Department rules establish qualifications for environmental consultants who perform this kind of work.

Site investigations and cleanup procedures can be complex and costly. A qualified environmental consultant can clean up your property in accordance with state and federal regulations, and help maintain or increase the value of your land. A good consultant will also understand your business needs, negotiate your cleanup schedule with DNR Remediation and Redevelopment Program (RR) staff and give you regular updates in understandable language.

A competent, experienced consultant can:

- save time, money, and complete the project right the first time;
- help establish a cooperative relationship with regulatory agencies; and
- minimize down time for your business.

How can I find a qualified consultant?

The DNR does not endorse environmental consultants. However, the agency maintains a list of consultants who have identified themselves as doing environmental work in Wisconsin (please see back page). Other means of finding or selecting a consultant include calling other businesses you know have done environmental cleanups, contacting professional associations in which you are a member, or searching the yellow pages under "environmental services" or "environmental engineers."

What should I tell a consultant?

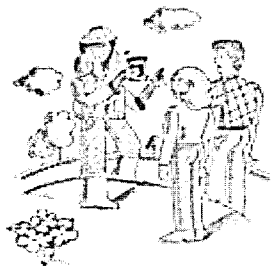
Tell your potential consultant as much as you can about your property, including:

- the site history, including materials and products used;
- materials and wastes that have been stored, recycled or disposed of;
- potential areas of contamination;
- the source of your water supply; and
- what DNR has asked you to do.

Wisconsin Department of Natural Resources
P.O. Box 7921, Madison, WI 53707
dnr.wi.gov/org/aw/rr

What should I ask a consultant?

Ask your potential consultant any questions you have, including:



- how many years they have been doing environmental work in Wisconsin;
- how many similar investigations and cleanups they have completed in Wisconsin or elsewhere (cleaning up a leaking petroleum tank can be very different from cleaning up PCBs);
- what administrative rules they expect to follow (if a potential consultant is not familiar with the NR 700 rule series, Wis. Admin. Codes, governing environmental cleanups or NR 140, Wis. Admin. Code, governing groundwater standards, it is an indication that they are not familiar with Wisconsin regulations);
- whether their staff meet the professional qualifications required in chapter NR 712, Wis. Admin. Code;
- whether any of their staff are registered as professional engineers or hydrogeologists with the Wisconsin Department of Regulation and Licensing;
- what level of insurance they carry for errors, omissions, and liability;
- whether they will they help prepare requests for reimbursement if your cleanup is eligible; and
- whether they have references you can check.

Don't hesitate to ask a consultant that you may hire how and why their approach to your environmental cleanup would differ from other consultants you have talked with.

What questions should I ask when checking a consultant's references?

When checking the references of a consultant you may hire, you may want to ask the following questions.

- Was your project similar to mine in size and type of
- contamination?
- Did the consultant stay on schedule, or provide reasonable
- explanations for delays?
- Did the consultant keep you informed of the project's status, new developments and options for cleanup?
- If problems arose, were they resolved to your satisfaction?
- Did the consultant seem to work effectively with DNR (and local officials if relevant)?
- Were your bills clear and timely?
- Did the consultant advise you in advance of billing about all significant changes to the original cost estimate?

What should I expect for the cost of a cleanup?

Costs for environmental cleanup vary widely based on the type and extent of contamination and the regulatory requirements. Ask your consultant what to expect for your particular situation, and to advise you immediately of any changes.

You may also want to ask these questions.

- Will subcontractors submit competitive bids?
- What hourly rates and overhead apply to professional staff?
- What are the per diem charges for staff doing field work?
- How often will you be billed?
- How will bills be itemized?

Watch for cost estimates that are significantly higher or lower than those received from other consultants. Ask those consultants how they can get the job done more economically, or whether they think proposals from other consultants are incomplete. Also watch for consultants who expect to get the work done much faster than others. There may be good reasons for faster cleanups, but you need to understand those reasons. Sometimes the least disruptive and least costly cleanups, such as natural attenuation of contamination, take the longest.

Also, make sure you understand the terms of a contract before signing, including who will do what, and when. Be sure it includes language that allows you to terminate the contract if you are not satisfied with the consultant's work.

Is there any financial help?

Sometimes. Wisconsin offers certain loans, grants and reimbursement programs for various types of cleanups. Ask your consultant whether you may be eligible for financial aid, and whether they have experience with these programs. Please see our web site and publications listed on the next page for more information.

What else I should know?

Wisconsin has numerous options to complete an environmental cleanup while enhancing the redevelopment and resale potential of your property. DNR offers liability clarifications and limitations on future environmental liability. Please see the next page for more information.

Where can I get more information about cleanups and redevelopment?

1. Visit the Remediation and Redevelopment (RR) Program web site at **dnr.wl.gov/org/aw/rr**. The RR Program has web pages with information on cleanup, financial assistance, liability tools and many other topics.

2. Please check other RR Program publications. All RR publications may be located on the "Publications" page of our web site. Here are a few that may be of interest:
   - *Environmental Services Contractors List* (publication RR-024);
   - *Environmental Contamination Basics* (publication RR-674);
   - *The Financial Resources Guide for Cleanup and Redevelopment* (publication RR-539); and
   - *Brownfield Basics – Tools for Cleaning Up and Redeveloping Contaminated Properties* (publication RR-663).

3. For information about your particular cleanup, please contact the person who signed the letter you received from DNR. You may also contact RR Program staff at a DNR regional office listed below.

DNR Remediation & Redevelopment Regional Offices

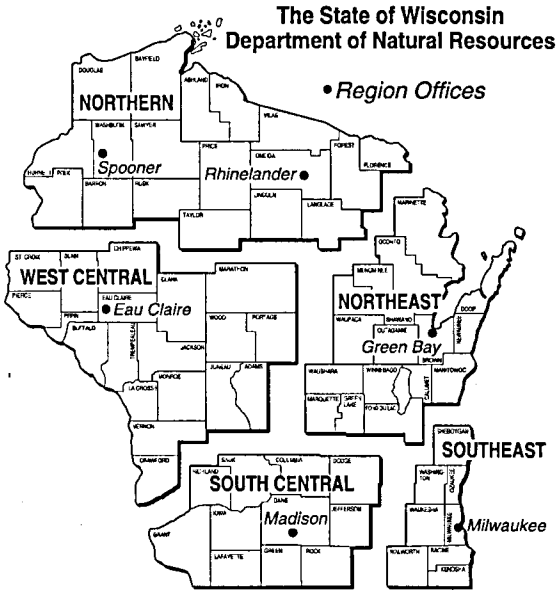
Northeast Region
920-662-5168

Northern Region
715-623-4190, ext. 3126

South Central Region
608-275-3212

Southeast Region
414-263-8688

West Central Region
715-839-2784



This document may contain some information about certain state statutes and rules but does not necessarily include all of the details found in the statutes/rules. Readers should consult the actual language of the statutes/rules to answer specific questions.

The Wisconsin Department of Natural Resources provides equal opportunity in its employment, programs, services, and functions under an Affirmative Action Plan. If you have any questions, please write to Equal Opportunity Office, Department of Interior, Washington, D.C. 20240

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Please call 608-267-3543 for more information.

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Wisconsin
Department of Commerce

P. O. Box 7838
Madison, Wisconsin 53707
(608) 266-1018
Contact By Relay

Scott Walker, Governor
Paul F. Jadin, Secretary

Writer's direct phone: (608) 261-2180 and fax: (608) 267-1381

January 6, 2011

Mr. Miguel Veguilla
1506 Dr Martin Luther King Jr Dr
Racine, WI 53404

VIA CERTIFIED RETURN-RECEIPT MAIL AND REGULAR US MAIL

RE: Parks Pioneer-Silver Steel
1218 Frederick Street
Racine, WI 53404
Commerce #53404-3030-18 BRRTS #03-52-203881

Dear Mr. Veguilla:

Mr. Andy Alles, a hydrogeologist with the Department of Commerce has attempted to contact you by letter and phone numerous times. He has received no cooperation from you. You are the named responsible party for known petroleum contamination which occurred at the above-captioned site. Mr. Alles has repeatedly attempted to get you to begin a site investigation at this site as required by law. He has also informed you that you are eligible to receive assistance from the PECFA fund.

This letter from me is your last chance to comply before things escalate. If you do not respond to me by **February 7, 2011**, I will refer this case to the Department of Justice for prosecution. Once DOJ begins to prosecute, you will be subject to extensive fines and/or forfeitures which will be assessed at a rate of not less than $10 nor more than $100 per day per violation under §§101.02(12) and (13) Wis. Stats.

As Mr. Alles has told you extensively the Department of Commerce is requiring the following action by you to comply with the law:

The Department of Commerce requires a site investigation of the former underground storage tank area. You are to hire a PECFA registered environmental consulting firm. The site investigation should include six soil borings surrounding the former tank basin areas including the former pump island. Each soil boring should be drilled to twenty feet or until reach bedrock, which ever is the shorter distance. Two soil samples should be collected from each soil boring. One soil sample should be taken at the highest PID reading and the second soil sample from the bottom of the soil boring. The soil samples with Chain of Custody documentation shall be submitted for analytical testing of full VOC's. The results of the analytical testing shall be submitted to the environmental consultant and the project manager, Andy Alles, at the Department of Commerce.

You may contact either myself at the number above or Mr. Alles at (608) 261-8509.

Sincerely,

Laura M. Varriale

Laura M. Varriale
Assistant Legal Counsel

Cc: Oscar Herrera
Eric Scott
Andy Alles

7009 3410 0000 5519 3621

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

Postage	$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	$

Postmark Here

Sent To Miguel Vegulla
Street, Apt. No.; or PO Box No. 1506 Dr Martin Luther King Jr
City, State, ZIP+4 Racine WI 53404

PS Form 3800, August 2006 See Reverse for Instructions

Alles, Andy J - COMMERCE

From: Varriale, Laura M - COMMERCE
Sent: Friday, September 17, 2010 1:46 PM
To: Alles, Andy J - COMMERCE
Subject: RE: Parks Pioneer (Racine Steel) Step #19 Enforcement Process Inquiry

That comes from Eric or me. Get your site to Eric and I think we take it from there.

From: Alles, Andy J - COMMERCE
Sent: Friday, September 17, 2010 12:38 PM
To: Varriale, Laura M - COMMERCE
Subject: Parks Pioneer (Racine Steel) Step #19 Enforcement Process Inquiry

Hi Laura,

Step #19 indicates drafting a letter indicating the site will be referred to DOJ. I have looked within Tracker and the Enforcement Section and can not find a draft letter form for Step #19. Do you know where I could find a draft letter indicating the next step is referral to DOJ? I can not find this form letter. Thank you.

Andy

commerce.wi.gov
Wisconsin
Department of Commerce

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
P.O. Box 8044
Madison, Wisconsin 53708-8044
Contact Through Relay
(608) 267-1381
Jim Doyle, Governor
Richard J. Leinenkugel, Secretary

FINAL NOTICE

June 14, 2010

CERTIFIED MAIL

Miguel Veguilla
1506 Dr Martin Luther King Jr Dr
Racine, WI 53404

RE: **FINAL NOTICE**

Commerce # 53404-3030-18 DNR BRRTS # 03-52-203881
Parks Pioneer-Silver Steel, 1214 Frederick St, Racine

Dear Mr. Veguilla:

Per the deed for the above captioned site, the land is owned by Mr. Miguel Veguilla and the property taxes are listed in your name.

Review of the file indicates that you have not complied with the State Order issued by the Wisconsin Department of Commerce (Commerce) on February 18, 2010.

Your new compliance date is July 16, 2010.

Failure to comply will result in the site being referred to the Department of Justice (DOJ) for prosecution. Once the case is referred to DOJ, charges will be filed, the case will not be dismissed, and penalties, forfeitures ($10 to $5000 per violation, per day) and court costs will be sought. These will be significant in nature.

Your prompt attention to this matter is needed. Please contact me in writing at the letterhead address or by telephone at (608) 266-8516.

Sincerely,

Eric J. Scott
Bureau of PECFA, Site Review Section

cc: Oscar Herrera, PECFA Bureau Director
Andrew Alles, PECFA Hydrogeologist

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
P.O. Box 8044
Madison, Wisconsin 53708-8044
Contact Through Relay
(608) 267-1381
Jim Doyle, Governor
Richard J. Leinenkugel, Secretary

commerce.wi.gov
Wisconsin
Department of Commerce

FINAL NOTICE

May 21, 2010

DRAFT

CERTIFIED MAIL

Miguel Veguilla
1506 Dr Martin Luther King Jr Dr
Racine, WI 53404

RE: **FINAL NOTICE**

Commerce # 53404-3030-18 DNR BRRTS # 03-52-203881
Parks Pioneer-Silver Steel, 1214 Frederick St, Racine

Dear Mr. Veguilla:

Per the deed for the above captioned site, the land is owned by Mr. Miguel Veguilla and the property taxes are listed in your name.

Review of the file indicates that you have not complied with the State Order issued by the Wisconsin Department of Commerce (Commerce) on February 18, 2010.

Your new compliance date is June 22, 2010.

Failure to comply will result in the site being referred to the Department of Justice (DOJ) for prosecution. Once the case is referred to DOJ, charges will be filed, the case will not be dismissed, and penalties, forfeitures ($10 to $5000 per violation, per day) and court costs will be sought. These will be significant in nature.

Your prompt attention to this matter is needed. Please contact me in writing at the letterhead address or by telephone at (608) 266-8516.

Sincerely,

Eric J. Scott
Bureau of PECFA, Site Review Section

cc: Oscar Herrera, PECFA Bureau Director
Andrew Alles, PECFA Hydrogeologist

SENDER: *COMPLETE THIS SECTION*

- 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.

1. Article Addressed to:

Migvel Veguilla
1506 Dr Martin Luther King Dr
Racine WI 53404

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X [signature] ☐ Agent ☐ Addressee

B. Received by (Printed Name) Miguel Veguilla
C. Date of Delivery 2-2010

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7007 0710 0005 3435 2691

PS Form 3811, February 2004 Domestic Return Receipt 102595-02-M-1540

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
P.O. Box 8044
Madison, Wisconsin 53708-8044
Contact Through Relay
(608) 267-1381
Jim Doyle, Governor
Richard J. Leinenkugel, Secretary

commerce.wi.gov
Wisconsin
Department of Commerce

STATE ORDER

February 18, 2010

Miguel Veguilla
1506 Dr Martin Luther King Jr Dr
Racine, WI 53404

RE: **STATE ORDER**

Commerce # 53404-3030-18 DNR BRRTS # 03-52-203881
Parks Pioneer-Silver Steel, 1214 Frederick St, Racine

Dear Mr. Veguilla:

Per the deed for the above captioned site, the land is owned by Mr. Miguel Veguilla and the property taxes are listed in your name.

On October 28, 2009, a Notice of Violation letter was sent by Certified mail from the Department of Commerce to you. The Notice of Violation letter included the following information: On June 23, 2006, a letter from the Department of Commerce was sent requiring yourself to complete and submit an occurrence classification form, and a copy was enclosed for your use. To this date the occurrence classification form has not been received. As a result, the Department may not reimburse costs for any work performed between May 1, 2006 and the date the Department receives the form; reimbursement is not retroactive to May 1, 2006. Furthermore, on June 28, 2007 and August 4, 2008 Commerce sent you letters reminding you of your responsibility to bring this site to closure and requesting you submit the required information. To date no correspondence has been received.

Commerce is providing you with an opportunity to respond to your responsibility as the owner of the property. Within 30 days of the date of this letter, you must provide an update, including a timeline, of your intent to provide the information necessary to achieve closure. If you fail to respond, this case will be delegated to our Legal Counsel to continue this enforcement action.

Based on your failure to provide the above information including a copy of a signed contract between a Wisconsin certified PECFA consultant and yourself, the Wisconsin Department of Commerce (Commerce) has reason to believe that you are in violation of the hazardous spill law, Section 292.11(3) Wisconsin Statutes for the property referenced above. This law requires you to take the action necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands or waters of the state.

You are ordered to bring the site into compliance by March 22, 2010.

Failure to comply will result in the site being referred to the Department of Justice (DOJ) for prosecution. Once the case is referred to DOJ, charges will be filed, the case will not be dismissed, and penalties, forfeitures ($10 to $5000 per violation, per day) and court costs will be sought. These will be significant in nature.

Your prompt attention to this matter is needed. Please contact me in writing at the letterhead address or by telephone at (608) 266-8516.

Sincerely,

Eric J. Scott
Bureau of PECFA, Site Review Section

cc: Oscar Herrera, PECFA Bureau Director
Eric Scott, PECFA Hydrogeologist

Initial Contact Form

Commerce # 53404-3030-18

Site Name: Parks Pioneer-Silver Steel

Site Address: 1214 Frederick St

Parcel ID #: 08207000

RP (confirmed by most recent tax records): Mr. Miguel Vegwilla

RP Mailing Address (confirmed by tax records): 1506 Dr Martin Luther King Jr Drive

via Switchboard

RP Telephone Number: (262) 637-6767

Claim Information

Is interest eligible? ☒ Yes ☐ No

Has the deductible been paid in full? ☐ Yes ☒ No

If no, how much remains? $10,000.00

Is occurrence classification required? ☒ Yes ☐ No

If yes, has Renee has been contacted about what needs to be provided: ☒ Yes ☐ No

Site Review Information

☒ Future Scope Required Identified

Brief Description: Soil boring investigation to define extent followed by groundwater investigation including monitoring wells installed.

What is the next approval step (one must be checked)?

- ☒ None, the site is starting and has 20K using UCCS
- ☐ Bid Deferral
- ☐ Change Order
- ☐ To Bid

Describe Personal Contact to date: Several Site Update Letters sent by Steve Mueller and one Site Update Letter sent by myself to site owner. Renee Dickey sent a letter requesting Occurrence ID letter be submitted by site owner.

Alles, Andy J - COMMERCE

From: Pleasants, Laura M - COMMERCE
Sent: Thursday, January 14, 2010 9:15 AM
To: Alles, Andy J - COMMERCE
Cc: Boulden, Gwendolyn A - COMMERCE
Subject: Silver Steel Deed

Attachments: 20100114090921637_0001.pdf

20100114090921637_0001.pdf (72...

Please note that the addresses listed in Reg Objects for this facility show address discrepancy. (Facility #s 131737, 131738.)

Address should be: 1214 Frederick St, Racine.

-----Original Message-----
From: COMPrtER-MALD040@wisconsin.gov [mailto:COMPrtER-MALD040@wisconsin.gov]
Sent: Thursday, January 14, 2010 8:09 AM
To: Pleasants, Laura M - COMMERCE
Subject:

This E-mail was sent from "M3ER1" (Aficio MP 4000).

Scan Date: 01.14.2010 09:09:21 (-0500)
Queries to: COMPrtER-MALD040@wisconsin.gov

DOC # 2103041
Recorded
SEP. 25,2006 AT 03:10PM

James A. Ladwig

JAMES A LADWIG
RACINE COUNTY
REGISTER OF DEEDS
Fee Amount: $11.00
Transfer Fee: $75.00

Rec

Document Number	WARRANTY DEED Document Title

This Deed, made between

RANDY ECHEVERRIA

Grantor,

and MIGUEL VEGUILLA

Grantee,

Witnesseth, That the said Grantor, for a valuable consideration conveys to Grantee the following described real estate in Racine County, State of Wisconsin:

PARCEL B: Parcel 1: That part of the East One-half of the North East One-quarter (1/4) Section Eight (8), Township Three (3) North, Range Twenty-three (23) East, bounded as follow: Begin on the West line of Frederick Street at a point 182.05 feet North of the North line of Hamilton Street; thence West to the East line of the right of way of the Chicago & Northwestern Railroad Company; thence South along said right of way 158.05 feet; thence East to the West line of Frederick Street; thence North 158.05 feet to the place of beginning. Excepting therefrom the South 50 feet of the East 120 feet thereof. Said land being in the City of Racine, County of Racine and State of Wisconsin.

Name and Return Address
MIGUEL VEGUILLA
1506 Dr. Martin Luther King Dr
Racine, WI 53404

11

276-000008207000

Parcel Identification Number (PIN)

Parcel 2: The North Two Hundred Fifty (250) feet in width of the following: That part of the East One-half (1/2) of the North East One-quarter (1/4) of Section Eight (8), Township Three (3) North, Range Twenty-three (23) East, bounded as follows, to-wit: Begin on the West line of Frederick Street at a point 81.81 rods South of the North line of said Section; run thence West to the East line of right of way of Chicago & Northwestern Railroad Company; thence South along said East line, 24.24 rods; thence East to a point 100 feet West of the West line of Frederick Street; thence North 50 feet; thence East 100 feet to the West line of Frederick Street; thence North along the West line of Frederick Street to the place of beginning. Said land being in the City of Racine, County of Racine and State of Wisconsin.

This is not homestead property.

Together with all and singular the hereditaments and appurtenances thereunto belonging; and Grantor warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except municipal and zoning ordinances and agreements entered under them, recorded easements for the distribution of utility and municipal services, recorded building and use restrictions and covenants, general taxes for 2006, and will warrant and defend the same.

Dated this 22ND day of SEPTEMBER, 20 06

RANDY ECHEVERRIA (SEAL) _____ (SEAL)

_____ (SEAL) _____ (SEAL)

AUTHENTICATION

Signature(s)

authenticated this ____ day of _____, 20__

_____

_____

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____
authorized by 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY:
JOHN U. SCHNEIDER - ATTORNEY AT LAW

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ATC File Number: 62847

ACKNOWLEDGMENT

STATE OF WISCONSIN)
) ss
RACINE County)

Personally came before me this 22ND day of SEPTEMBER, 2006 the above named RANDY ECHEVERRIA to me known to be the person who executed the foregoing instrument and acknowledge the same.

MARIA L. RIVERA NOTARY PUBLIC STATE OF WISCONSIN

Maria L. Rivera

Maria L. Rivera

Notary Public RACINE County, Wis.
My Commission is permanent. (If not, state expiration date: 7/12/09/11

*Names of persons signing in any capacity should be typed or printed below their signatures.

Alles, Andy J - COMMERCE

From: Scott, Eric - COMMERCE
Sent: Monday, November 30, 2009 12:50 PM
To: Alles, Andy J - COMMERCE
Subject: RE: Parks Pioneer NOV Notice for Miguel Veguilla due on Nov 30th

I concur with your suggestion.

From: Alles, Andy J - COMMERCE
Sent: Monday, November 30, 2009 10:55 AM
To: Scott, Eric - COMMERCE
Subject: Parks Pioneer NOV Notice for Miguel Veguilla due on Nov 30th

Parks Pioneer
1214 Frederick Street
Racine, WI

#53404-3030-18-A #03-52-203881

Mr. Miguell Veguilla called on November 16, 2009 to talk to one of us. I called back on November 24, 2009, but was unable to reach Mr. Veguilla directly by phone. I was only able to leave a message on answering service and indicated Department of Commerce would like to help and work with Mr. Veguilla along with the options of financial assistance available to Mr. Veguilla.

I have not received a return phone call from Mr. Veguilla after leaving the message on the answering service.

My suggestion is to call again later today. What would you suggest?

Thanks.

Alles, Andy J - COMMERCE

From: Scott, Eric - COMMERCE
Sent: Wednesday, October 28, 2009 11:44 AM
To: Alles, Andy J - COMMERCE
Subject: RE: Important, Follow up Enforcement Call from Supervisor needed for Parks Pioneer in Racine

I called Mr. Veguilla's cell phone (262-488-6767) and spoke to him. I stated he hadn't received the 9/1/09 sent standard USPS and didn't have a clue what I was talking about. I told him I would send a new letter certified. I included your name in addition to mine as contacts.

From: Alles, Andy J - COMMERCE
Sent: Wednesday, October 28, 2009 11:05 AM
To: Scott, Eric - COMMERCE
Subject: FYI: Important, Follow up Enforcement Call from Supervisor needed for Parks Pioneer in Racine

PECFA # 53404-303-18 BRRTS #03-52-203881

Mr. Miguel Veguilla
1506 Dr Martin Luther King Jr Dr
Racine, WI 53404
(262) 637-6767

This is the most recent information I have as of October 5, 2009.

From: Alles, Andy J - COMMERCE
Sent: Wednesday, October 28, 2009 10:01 AM
To: Scott, Eric - COMMERCE
Subject: Important, Follow up Enforcement Call from Supervisor needed for Parks Pioneer in Racine

Hi Eric,

A follow up call from yourself needs to be made according to the enforcement process to Miguel Veguilla owner of Parks Pioneer-Silver Steel at 1214 Frederick Street, Racine, WI 53404. Almost sixty days has passed since the Notice of Violation letter was sent by yourself to Mr. Veguilla. Thirty days is the amount of time Department of Commerce expects a response from Mr. Veguilla or the next step in the Enforcement process takes place.

Please at your earliest convenience call Mr. Veguilla to inform him the implications for violation. Also, Department of Commerce;s next step for Mr. Veguilla violation of hazardous substance spill law. Thank you.

Andy

Andy Alles,
Senior Hydrogeologist
Department of Commerce,
ERS Division,
PECFA Bureau
(608) 261-8509
Andy.Alles@Wisconsin.gov

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
P.O. Box 8044
Madison, Wisconsin 53708-8044
Contact Through Relay
Fax #:(608) 267-1381
Jim Doyle, Governor
Richard J. Leinenkugel, Secretary

commerce.wi.gov
Wisconsin
Department of Commerce

October 28, 2009

CERTIFIED MAIL

Miguel Veguilla
1506 Dr Martin Luther King Jr Dr
Racine, WI 53404

RE: **Notice of Violation**

Commerce # 53404-3030-18 DNR BRRTS # 03-52-203881
Parks Pioneer-Silver Steel, 1214 Frederick St, Racine

Dear Mr. Veguilla:

The Wisconsin Department of Commerce (Commerce) has reason to believe you are in violation of the hazardous substance spill law, Section 292.11(3) Wisconsin Statutes for the property referenced above. This law requires you to take the action necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands or waters of the state.

On June 23, 2006, a letter from the Department of Commerce was sent requiring yourself to complete and submit an occurrence classification form, and a copy was enclosed for your use. To this date the occurrence classification form has not been received. As a result, the Department may not reimburse costs for any work performed between May 1, 2006 and the date the Department receives the form; reimbursement is not retroactive to May 1, 2006. Furthermore, on June 28, 2007 and August 4, 2008 Commerce sent you letters reminding you of your responsibility to bring this site to closure and requesting you submit the required information. To date no correspondence has been received.

Commerce is providing you with an opportunity to respond to your responsibility as the owner of the property. Within 30 days of the date of this letter, you must provide an update, including a timeline, of your intent to provide the information necessary to achieve closure. If you fail to respond, this case will be delegated to our Legal Counsel to continue this enforcement action.

Please contact me (608-266-8516) or Andrew Alles (608-261-2515) by telephone or in writing at the letterhead address to further discuss the site.

Sincerely,

Eric J Scott, Chief
Bureau of PECFA, Site Review Section

cc: Case File

Alles, Andy J - COMMERCE

From: Scott, Eric - COMMERCE
Sent: Tuesday, September 01, 2009 2:17 PM
To: Alles, Andy J - COMMERCE
Cc: Swimm, David E - COMMERCE
Subject: Racine NOVs

Today NOV letters were sent to Dobra, LLC and Veguilla, Racine. I have place a reminder on Outlook for 10/5. I have updated Tracker for both sites. We are now through step 9 of the Enforcement Process. file://G:\Site Reviewer\Enforcement\3-31-09 Enforcement Process.doc

Alles, Andy J - COMMERCE

From: Swimm, David E - COMMERCE
Sent: Wednesday, May 20, 2009 2:10 PM
To: Alles, Andy J - COMMERCE
Cc: Scott, Eric - COMMERCE
Subject: Parks Pioneer, 1214 Fredrick

Regarding the enforcement process:

1- Initial contact submittal in TRACKER missing.

2- How much deductible is remaining? - required information for the initial contact form.

3- Regarding telephone contacts (or even attempts) the process indicates a phone log needs to be created. I would imagine these should be part of the paper record.

1) PAF File into; NOV Letter Into Enforcement.
2) Letter Of Contact into Enforcement Folder
3) Double Check info needed
4) Copy Tank Reports into File of Enforcement

1/2/2010 - Verify Tank Types
Multiwells onsite
$2500 of $10,000

DOC # 2103041
Recorded
SEP. 25, 2006 AT 03:10PM

James A. Ladwig

JAMES A LADWIG
RACINE COUNTY
REGISTER OF DEEDS
Fee Amount: $11.00
Transfer Fee: $75.00

Recording Area

Name and Return Address
MIGUEL VEGUILLA
1506 Dr. Martin Luther King Pe
Racino, WI 53404

11

276-000008207000

Parcel Identification Number (PIN)

Document Number | WARRANTY DEED — Document Title

This Deed, made between

RANDY ECHEVERRIA

Grantor,

and MIGUEL VEGUILLA

Grantee,

Witnesseth, That the said Grantor, for a valuable consideration conveys to Grantee the following described real estate in Racine County, State of Wisconsin:

PARCEL B: Parcel 1: That part of the East One-half of the North East One-quarter (1/4) Section Eight (8), Township Three (3) North, Range Twenty-three (23) East, bounded as follow: Begin on the West line of Frederick Street at a point 182.05 feet North of the North line of Hamilton Street; thence West to the East line of the right of way of the Chicago & Northwestern Railroad Company; thence South along said right of way 156.05 feet; thence East to the West line of Frederick Street; thence North 156.05 feet to the place of beginning. Excepting therefrom the South 50 feet of the East 120 feet thereof. Said land being in the City of Racine, County of Racine and State of Wisconsin.

Parcel 2: The North Two Hundred Fifty (250) feet in width of the following: That part of the East One-half (1/2) of the North East One-quarter (1/4) of Section Eight (8), Township Three (3) North, Range Twenty-three (23) East, bounded as follows, to-wit: Begin on the West line of Frederick Street at a point 81.81 rods South of the North line of said Section; run thence West to the East line of right of way of Chicago & Northwestern Railroad Company; thence South along said East line, 24.24 rods; thence East to a point 100 feet West of the West line of Frederick Street; thence North 50 feet; thence East 100 feet to the West line of Frederick Street; thence North along the West line of Frederick Street to the place of beginning. Said land being in the City of Racine, County of Racine and State of Wisconsin.

This is not homestead property.

Together with all and singular the hereditaments and appurtenances thereunto belonging; and Grantor warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except municipal and zoning ordinances and agreements entered under them, recorded easements for the distribution of utility and municipal services, recorded building and use restrictions and covenants, general taxes for 2006, and will warrant and defend the same.

Dated this 22ND day of SEPTEMBER, 20 06.

RANDY ECHEVERRIA (SEAL) _____ (SEAL)

_____ (SEAL) _____ (SEAL)

AUTHENTICATION

Signature(s)

authenticated this _____ day of _____, 20_____

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____
authorized by 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY:
JOHN U. SCHNEIDER - ATTORNEY AT LAW

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ATC File Number: 62847

ACKNOWLEDGMENT

STATE OF WISCONSIN)
) ss
RACINE County)

Personally came before me this 22ND day of SEPTEMBER, 2006 the above named RANDY ECHEVERRIA to me known to be the person who executed the foregoing instrument and acknowledge the same.

MARIA L. RIVERA NOTARY PUBLIC STATE OF WISCONSIN

Maria L. Rivera

Maria L. Rivera

Notary Public RACINE County, Wis.
My Commission is permanent. (If not, state expiration date: 7/12/09/11

*Names of persons signing in any capacity should be typed or printed below their signatures.

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
P.O. Box 8044
Madison, Wisconsin 53708-8044
TDD #: (608) 264-8777
Fax #: (608) 267-1381
Jim Doyle, Governor
Jack L. Fischer, A.I.A., Secretary

commerce.wi.gov
Wisconsin
Department of Commerce

August 04, 2008

Miguel Veguilla
1506 Dr Martin Luther King Jr Dr
Racine, WI 53404

RE: **Request for Site Update**

Commerce # 53404-3030-18-A WDNR BRRTS # 03-52-203881
Parks Pioneer-Silver Steel, 1214 Frederick St, Racine

Dear Mr. Veguilla:

The Wisconsin Department of Commerce (Commerce) is requesting information regarding activities associated with petroleum contamination at the property referenced above.

Based on the limited site characterization conducted to date, this property appears to be a "low" to "medium" risk site and, under current regulations, properties such as yours require little or no cleanup actions after an adequate characterization and risk assessment are performed. A "closed" environmental case could enhance the sale ability of your property.

Several attempts (three) to contact you by phone have been unsuccessful. We would like to offer assistance to remediate your property. Funds are available from the Wisconsin Petroleum Environmental Fund (PECFA) to assist you financially with an investigation, remediation and eventual case closure. Eligibility for funding was established January 27, 1999. Although the property has changed ownership over the years, eligibility remains in effect for the 8000-gallon diesel and 550-gallon gasoline tanks removed by the Parks Pioneer Corp. in 1998.

Your prompt attention to this request is appreciated. Please submit any additional information and a plan to fulfill your responsibility to address the petroleum contamination within 30 days. If you have any questions, please contact me in writing at the letterhead address or by telephone at (608) 261-8509.

Sincerely,

Andrew Alles

Andrew Alles,
Senior Hydrogeologist
Site Review Section

Parks Pioneer Silver Steel
1218 Frederick Street
Racine, WI
#53404-3030-18
Phone Log

Date: July 11, 2008
Time: 9:58 a.m.
Number: (262) 637-6767
To: Mr. Miguel Veguilla
From: Mr. Andrew Alles
Notes: A lady answered and indicated Mr. Veguilla was unable to come to the phone so left message with lady was interested in talking to Mr. Veguilla about the property and to have Mr. Veguilla call me back. Lady indicates he would be interested in talking with me about the property.

Date: July 29, 2008
Time: 3:28 p.m.
Number: (262) 637-6767
To: Mr. Miguel Veguilla
From: Mr. Andrew Alles
Notes: A lady answered and indicated Mr. Veguilla is not in right now. I asked can I leave a message, and lady responded actually this is not a good time, I just ran up the stairs. The lady repeated, this is not a good time. So left another message for Mr. Miguell to call myself back.

Date: July 30, 2008
Time: Unknown
Number: (262) 637-6767
To: Mr. Miguel Veguilla
From: Mr. Andrew Alles
Notes: A lady answered and indicated Mr. Veguilla was unable to come to the phone so left message with lady was interested in talking to Mr. Veguilla about the property and to have Mr. Veguilla call me back.

Date: October 28, 2009
Time: 11:26 AM
Number: (262) 488-6767
To: Mr. Miguel Veguilla
From: Mr. Eric Scott
I called Mr. Veguilla's cell phone (262-488-6767) and spoke to him. I stated he hadn't received the 9/1/09 sent standard USPS and didn't have a clue what I was talking about. I told him I would send a new letter certified. I included your name in addition to mine as contacts.

Date: November 24, 2009
Time: Unknown
Number: (262) 488-6767
To: Mr. Miguel Veguilla
From: Mr. Andrew Allest
I called Mr. Veguilla's cell phone (262-488-6767) and was only unable to leave a message within his voice mail. Message indicated the Department of Commerce has many options to assist Mr. Miguel Veguilla financially to clean up his property.

Date: December 1, 2009
Time: 11:26 AM
Number: (262) 488-6767
To: Mr. Miguel Veguilla
From: Mr. Andrew Alles Eric Scott
I called Mr. Veguilla's cell phone (262-488-6767) and was able to speak with him directly over the phone. I restated the programs we have available to waive or reduce the deductible that also would send him the application forms so this could happen. Also shared other options the Department of Commerce has to assist Mr. Veguilla including agent status and the agent status process. The paper work for agent status was also sent to Mr. Veguilla after our phone conversation. Also indicated if have any questions at any time to please call myself, and the Department of Commerce is here to help.

Date: March 22, 2010
Time:10:48 AM
Number (262) 637-6767
To: Mr. Miguel Veguilla
From: Mr. Andrew Alles
I called the above number at Mr. Miguel Veguilla's listed residence. The phone bell rang nine times with no answer. Then the phone sounded like a click and a high pitched buzz occurred which sounds like a fax machine. Since was unable to leave a message, I had hung-up.

Date: March 22, 2010
Time:11:52 AM
Number (262) 637-6767
To: Mr. Miguel Veguilla
From: Mr. Andrew Alles
I called the above number at Mr. Miguel Veguilla's listed residence. The phone bell rang nine times with no answer. Then the phone sounded like a click and a high pitched buzz occurred which sounds like a fax machine. Since was unable to leave a message, I had hung-up.

Date: March 23, 2010
Time:Unkown

Number (262) 488-6767
To: Eric Scott
From: Mr. Miguel Veguilla
Mr. Miguel Veguilla told Eric that the site had been covered with gravel by the seller as a condition of something the City was involved in. Eric told he the file contained none of what he described. Eric gave him ten days to produce any information he could.

Date: about April 5, 2010
Time:Unkown
Number (262) 488-6767
To: Eric Scott
From: Mr. Miguel Veguilla
Mr. Miguel Veguilla told Eric that the previous owner had taken care of the problem and Mr. Veguilla was looking for the brother of the previous owner. Eric told he the file contained none of what he described. Eric gave him ten days to produce any information he could.

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
9316 North 107th Street
Milwaukee, Wisconsin 53224-1121
TDD #: (608) 264-8777
Fax #: (414) 357-4700
Jim Doyle, Governor
Mary P. Burke, Secretary

commerce.wi.gov
Wisconsin
Department of Commerce

June 28, 2007

Mr. Miguel Veguilla
1506 Dr. Martin Luther King Jr. Dr.
Racine, WI 53404

RE: **Request for Site Update**

Commerce # 53404-3030-18-A DNR BRRTS # 03-52-203881
Parks Pioneer (Silver Steel) 1218 Frederick St., Racine

Dear Mr. Rabuck:

The Wisconsin Department of Commerce (Commerce) is requesting information regarding activities associated with petroleum contamination at the site referenced above. On May 31, 2007, the Department of Natural Resources (DNR) determined that, based on the limited site characterization conducted to date, the site appears to be a "low" to "medium" risk site and, consequently, transferred regulatory jurisdiction and the associated case file to Commerce.

Commerce requires that you submit any additional information and a plan to fulfill your responsibility to address the petroleum contamination. Under current regulations, many sites require little or no cleanup actions after adequate site investigation and risk assessment are performed.

Within 30 days, please inform Commerce in writing of your intentions to bring this case to closure. Please be aware that periods of inactivity and non-compliance can affect PECFA eligibility. Specifically, all work conducted and interest on any outstanding PECFA loan amount after December 31, 2006 are ineligible for reimbursement. To reestablish PECFA eligibility, you must contact Renee Dickey, PECFA Program Specialist-Senior, at (608) 264-8765 to address unmet reporting requirements. Commerce can pursue enforcement actions if you do not respond to this request for information.

Your prompt attention to this request is appreciated. If you have any questions, please contact me in writing at the letterhead address or by telephone at (414) 357-4704.

Sincerely,

Stephen D. Mueller
Senior Hydrogeologist
Site Review Section

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee, Wisconsin 53212
Telephone 414-263-8500
FAX 414-263-8606
TTY 711

May 21, 2007

RECEIVED
MAY 3 1 2007
ERS DIVISION
MILWAUKEE

FID # 252228240
BRRTS # 03-52-203881

Myron Parks
Parks Pioneer
4320 N 35th St.
Milwaukee, WI 53216

Subject: Transfer of Project Management to Department of Commerce
Parks – Pioneer Siler Steel; 1218 N. Frederick St.; Racine; WI

Dear Mr. Parks:

The State of Wisconsin divides the jurisdiction for sites contaminated by petroleum storage tank systems between the Wisconsin Department of Natural Resources (WDNR) and the Department of Commerce (Commerce), based on statutory definitions of high, medium and low risk sites. Under this statute, oversight of sites falling under the definition of "low or medium risk" is the responsibility of Commerce rather than the WDNR.

Your site appears to fall under the definition of "low or medium risk". As such, staff at Commerce will provide further reviews of submittals and all technical assistance related to this case. Accordingly, WDNR will transfer the above referenced file to Commerce at the following address:

Lee Delcore	(414) 357-4701	Wisconsin Department of Commerce
Gregory Michael	(414) 357-4702	Environmental & Regulatory Services
Linda Michalets	(414) 357-4703	9316 N. 107th St
Steve Mueller	(414) 357-4704	Milwaukee, WI 53224-1121
Monica Weis	(414) 357-4705	

If you have questions or concerns regarding this site, or would like to review any of the pertinent file documents, you should direct them to Commerce staff listed above.

Sincerely,

Victoria Stovall

Victoria Stovall,
Environmental Program Associate
Department of Natural Resources
Remediation & Redevelopment
414-263-8688

cc: SER Case File

commerce.wi.gov
Wisconsin
Department of Commerce

ENVIRONMENTAL & REGULATORY SERVICES
PECFA
P. O. Box 7838
Madison, Wisconsin 53707-7838
TDD #: (608) 264-8777

Jim Doyle, Governor
Mary P. Burke, Secretary

June 23, 2006

Randy Echeverria
Lasting Impressions Contracting LLC
2306 Kinzie Ave
Racine WI 53405

Site Information
Parks Pioneer-Silver Steel
1218 Frederick St
Racine 53404

RE: **Required Occurrence Classification Form Not Received As Of May 31, 2006**

Commerce #: 53404303018 DNR BRRTS #: 0352203881
Occurence ID: 14607

Dear Claimant:

The Wisconsin Department of Commerce (Commerce) is informing you that the occurrence classification form that is required in order to maintain eligibility for this occurrence has not been received by the department. The deadline for submittal of a completed form was May 31, 2006. *As a result, the Department may not reimburse costs for any work performed between May 1, 2006 and the date the form is received, per Comm 47.325(4)(b).*

In order for costs to be reimbursed again in the future, you must complete and submit an occurrence classification form; a copy is enclosed for your use. Upon receipt of the completed form by Commerce, reimbursement of costs for eligible work will once again be available beginning the date the Department receives the form; reimbursement *is not* retroactive to May 1, 2006.

If you have any questions please contact me at (608) 264-8765. Thank you for your continuing efforts to protect Wisconsin's environment.

Sincerely,

Renee' L. Dickey

Renee' L. Dickey
Bureau of PECFA
PECFA Program Specialist-Senior

Enclosure

E N T

RECEIVED
DEC 18 2001
By

December 7, 2001

Mr. Michael Farley
Wisconsin Department of Natural Resources
4041 North Richards Street
P.O. Box 12436
Milwaukee, WI 53212

RE: Site Investigation Workplan for the Parks Pioneer-Silver Steel site located at 1218 Frederick Street in Racine, Wisconsin - Advent Project No. 980186.01
WDNR FID#: 252228240; BRRTS #: 03-52-203881

Dear Mr. Farley:

We are pleased to submit the attached Site Investigation Workplan for the above-referenced property. We anticipate conducting the investigation as described in the workplan during December 2001. If you have any questions or need additional information, please call me at (414) 371-5020 ext. 3008.

Respectfully,

Christopher Armes
Hydrogeologist – Mequon office

Enclosure

cc: Mr. Myron Parks

980186WRKPLI1a.doc

Advent Environmental Services, Inc.

P.O. Box 277
Mequon, WI 53092-0277
Fax 414-371-5021
1-800-880-1998
414-371-5020

5110 Fairview Dr., Suite A
Eau Claire, WI 54701
Fax 715-831-1531
1-800-530-1520
715-831-1530

SITE INVESTIGATION

WORK PLAN per NR 716.09

(A) Site Name and Location: Parks Pioneer – 1218 Silver Steel
1218 Frederick Street
Racine, Wisconsin 53404
SE¼, NE¼, Sec. 8, T.3N., R.22E.
Figure 1 illustrates the site location.
WDNR FID#: 252228240; BRRTS #: 03-52-203881

(B) Responsible Party: Mr. Myron Parks
Parks Pioneer Corporation
4320 North 35th Street
Milwaukee, Wisconsin 53216

Consultant: Advent Environmental Services, Inc.
P.O. Box 277
Mequon, WI 53092
Contact: Christopher Armes (414) 371-5020 ext. 3008
Advent Project Number 980186.01

Objective

1) To define the extent and degree of soil contamination associated with the underground storage tank (UST) system release. 2) To evaluate potential impact to local water supply wells, wetlands, sensitive ecosystems, and potential migration pathways. 3) To evaluate the need for site remediation and the applicability of selected remediation methods.

(C) Figures

Site location and site features maps are attached.

(D) Site Investigation Scoping

On October 7, 1998, Advent closed by removal the following USTs :

- One 8,000-gallon diesel fuel, coated steel UST (Tank ID #510100609)
- One 550-gallon leaded gasoline, steel UST (Not Registered)

We identified petroleum contamination associated with the UST system.

The 8,000-gallon diesel UST was used to refuel fleet vehicles and was registered. One 550-gallon gasoline (leaded) UST was discovered during the closure of the diesel fuel UST and removed. No information is available concerning leaks, tightness test, or repairs to the UST systems.

Results of the UST assessment indicate that a release has occurred from both the diesel and gasoline UST systems. Laboratory analysis revealed diesel range organics (DRO) concentrations as high as 48,000 parts per million (ppm) and gasoline range organics (GRO) concentrations as high as 5,000 ppm. These concentrations exceed the Wisconsin Department of Natural Resources (WDNR) site investigation guideline of 10 ppm. Advent notified the WDNR of this release on November 5, 1998

Advent has not identified other obvious sources of contamination near the site. We do not anticipate off-site investigation at this time. The site is located within a commercial area. We are not aware of any petroleum impacts attributable to this release to area water supplies. The surrounding area is served by a municipal water system.

There does not appear to be a threat to state- or federal-listed endangered species, sensitive ecosystems, wetlands, outstanding or exceptional resource waters, or historical or archaeological sites.

The contamination is located beneath a paved lot. No immediate or interim actions have been warranted at this site.

(E) Physiographical and Geological Setting

The site is located in the Eastern Ridges and Lowlands Province of southeastern Wisconsin. Glaciation has been an important geologic agent in determining the surface geology and physiography of the site. The site is situated on ground moraine that was deposited during the Woodfordian substage of the Wisconsin glacial stage.

Surficial deposits at the site consist primarily of silty clay material with some sand and gravel. Depth to bedrock in the area is estimated to be 50 to 125 feet. Regionally, bedrock consists of Silurian age dolomite.

Topography at the site slopes downward toward the south. Regional topography suggests the direction of groundwater flow is toward the Root River, which is approximately 3,000 feet southeast of the site.

Potential migration pathways at this site include a sanitary sewer, water, natural gas, and electric utility trenches that exist on-site.

(F) Sampling and Analysis Strategy

This investigation will be based on procedures outlined in the most recent WDNR publications, including "Site Assessments for Underground Storage Tanks - Technical Guidance" and "LUST and Petroleum Analytical and Quality Assurance Guidance."

Soil Sampling Procedures

We will collect subsurface soil samples from borings advanced on-site with either a truck-mounted rotary drill equipped with continuous-flight, hollow stem augers and a two-inch diameter, 24-inch

split spoon sampler, or with a hydraulically-driven 24-inch hollow tube geoprobe sampler. All drilling tools and equipment will be cleaned prior to the start of sampling work. All sampling tools will also be washed with Alconox™ and water between sampling points to prevent cross contamination.

Advent will select the boring locations based on the site layout and any additional information obtained during the site investigation. Locations may be modified if site conditions vary significantly from those anticipated prior to drilling. We will place borings through the former tank bed and around the perimeter of the tank bed to efficiently delimit the lateral extent of contamination.

Borings will be advanced until field screening results indicate the absence of contaminants in a minimum of two consecutive samples collected from below the impacted zone or until groundwater is encountered. Soil samples will be collected from each significant soil unit, the zone of highest contamination as indicated by a field photoionization detector (PID), the interval in which seasonal high groundwater is encountered or from the deepest interval sampled. At a minimum, one soil sample will be collected from each ten feet of boring. If field screening results indicate no presence of contaminants within a ten foot interval, the sample most representative of the interval will be submitted for laboratory analysis.

Advent estimates the completion of six soil borings within the vicinity of the former UST system. Soils will be sampled continuously at 2-foot intervals. Soils will be described according to the Unified Soil Classification System. Soils will be field screened for volatile organic compounds (VOCs) with a PID using the headspace method described below. Advent anticipates submitting two soil samples from each boring for laboratory analysis of the following parameters: GRO, DRO, VOCs, polynuclear aromatic hydrocarbons (PAHs), and total lead.

Field Screening Procedures

We will field screen samples with a PID following the headspace method to determine which samples will be submitted for analyses and to assist in determining the contamination extent. The headspace procedure will be conducted as follows:

- Soil samples will be collected in clean four-ounce glass jars filled half-full with the sample material.
- The jar will then be covered with the lid of the jar.
- The sample will then be agitated for at least 30 seconds to break soil clods and release soil pore vapors.
- If the ambient air temperature is below 70°F, the headspace samples will be placed in a warm environment out of direct sunlight and allowed to equilibrate to approximately 70°F. If the ambient air temperature is above 70°F, the headspace samples will be placed in a cooler environment out of direct sunlight and allowed to equilibrate to approximately 70°F.
- Following equilibration, the headspace sample will be tested by opening the jar slightly and inserting the PID probe between to a position half-way between the lid and sample surface and recording the highest instrument readings.

- New 4-ounce jars will be used for each project. After use at each boring location, the headspace jars will be cleaned with an Alconox™ and water solution and allowed to air dry. If no VOC carryover is identified with a PID, the jars will be reused; if VOC carryover is identified, the sample jars will be discarded.

Soil Samples Submitted for Laboratory Analyses

Soil samples will be collected from the sampling device using clean disposable latex gloves. A discrete sample will be collected and split into a laboratory sample and a field screening sample. The laboratory sample will be immediately transferred into appropriate containers depending on the required analyses. The following table describes the sampling parameters, appropriate containers, field preservation, and analytical methods to be used during this project.

ANALYTE	**CONTAINER TYPE**	**FIELD PRESERVATIVE**	**Method**
GRO	2 oz. TLC jar	methanol	WDNR Modified GRO
DRO	4 oz. TLC jar	none	WDNR Modified DRO
VOC	2 oz. TLC jar	methanol	EPA 8021 or 8260
PAHs	4 oz. TLC jar	none	EPA 8310
TOTAL LEAD	4 oz. TLC jar	none	EPA 8050/7420

TLC = teflon lined cap
Quantitative results will be determined on dry-weight basis.

Immediately following collection, the soil samples will be packed on ice in a cooler and transported to the laboratory. All samples will be labeled with site name, sample number, sample location, date and time of collection, analyses requested, and the sampler's initials.

Investigative Wastes

All soil cuttings producing PID readings in excess of ambient background readings will be stockpiled on-site either within an impermeable plastic liner or labeled 55-gallon drums. All contaminated equipment washwater or purge water will be contained in labeled 55-gallon drums and left on-site. Disposal methods will be determined after receipt of laboratory analysis and completion of the site investigation.

Evaluation of Results

The field and laboratory results obtained in this investigation will be combined with other information to evaluate the degree and extent of soil and groundwater contamination at the site.

Advent will prepare site maps and cross-sections to demonstrate the estimated contamination plumes. Advent will use current technologies to best demonstrate and predict contaminant extent and migration. This information will be used to evaluate which remediation options would be most applicable at the site.

(G) Site Management

Advent will use appropriate barriers and warnings to enhance safety while performing the site investigation. Advent will also prepare and administer a site-specific safety plan. All soil borings will be abandoned according to NR 141 by filling the hole with bentonite and patching as necessary.

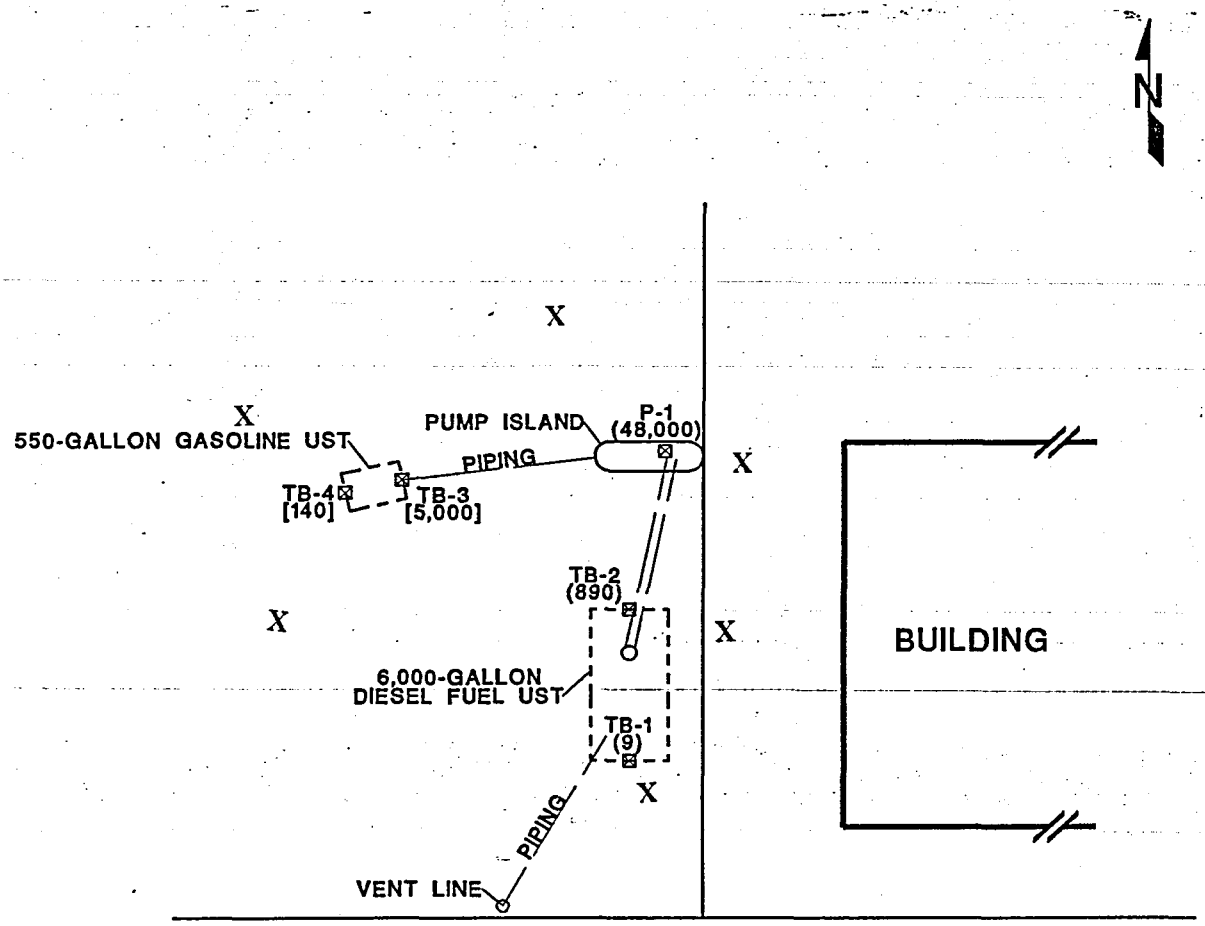
(H) Schedule

Upon receipt of authorization to proceed from the client, Advent will arrange a start date. Completion of laboratory analyses is anticipated three to four weeks following sample collection. The report will be submitted within 45 days after receipt of the analytical results. The report will contain soil boring logs, site photographs, laboratory data sheets, site location and features maps, soil profile cross-sections, and estimated extent of soil and groundwater contamination maps.

General Schedule											
TASK	**WEEKS**										
	1	2	3	4	5	6	7	8	9	10	11
Work Plan Approved	X										
Schedule Field Work	X	X									
Conduct Field Work			X	X							
Laboratory Analysis of Samples					X	X	X				
Data Evaluation								X	X		
Report Preparation										X	X
Report Submittal											X

NOTE:
BASE MAP DEVELOPED FROM THE RACINE SOUTH, WISCONSIN, 7.5 MINUTE U.S.G.S. TOPOGRAPHIC QUADRANGLE MAP.

DRAWN BY: KRK	FIGURE #1 DETAIL SHEET
APPROVED BY:	SITE LOCATION
DATE: 12/22/98	PARKS PIONEER - 1218 SILVER STEEL SITE RACINE, WISCONSIN
PROJECT #980136.00	ADVENT
REVISION #	ENVIRONMENTAL SERVICES, INC.



X PROPOSED BORINGS

LEGEND:

TB-1 ⊠ SOIL SAMPLE LOCATION AND NUMBER

(9) DRO SOIL CONCENTRATION IN PPM (ND = NOT DETECTED)

[140] GRO SOIL CONCENTRATION IN PPM

SCALE (FEET): 0 20

FIGURE 2 SITE FEATURES
PARKS PIONEER
1218 SILVER STEEL SITE
RACINE, WISCONSIN

A D V E N T
ENVIRONMENTAL SERVICES, INC.
DATE: 12/22/98
DRAWING #980186.00B

WISCONSIN
DEPT. OF NATURAL RESOURCES

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters
2300 N. Dr. Martin Luther King, Jr. Drive
PO Box 12436
Milwaukee, Wisconsin 53212-0436
Telephone 414-263-8500
FAX 414-263-8606
TDD 414-263-8713

November 11, 1998

BRRTS#: 03-52-203881
Facility ID#: 252228240
BRR/LUST: LUST

MYRON PARKS
PARKS PIONEER
4320 N 35TH ST
MILWAUKEE WI 53216

SUBJECT: Reported Contamination at 1218 Frederick St., Racine

Dear Mr. Parks:

On 11-5-98 Randy Igel of Advent Environmental informed the Department that diesel fuel and leaded gasoline which leaked from underground storage systems caused soil contamination and potential groundwater contamination at the subject location.:

Based on the information submitted to the Wisconsin Department of Natural Resources (WDNR), we believe you are responsible for restoring the environment at the referenced site under Section 292, Wisconsin Stats., known as the hazardous substances spills law. Utilizing information submitted to the Department, this case has been assigned an unknown ranking due to the lack of information concerning soil and groundwater contamination.

WDNR Southeast Region Prioritization and Scoring Policy

Due to the WDNR workload, it is necessary to rank all contamination cases for review priority. Lower priority cases do not have assigned project managers, however, responsible parties are required to proceed with investigation and clean-up efforts. Until a priority has been assigned to this site, you should proceed with the required response work, submitting all plans and reports, along with status reports, to this office. The WDNR will notify you if your site will receive active oversight.

Your responsibilities include investigating the extent of the contamination and then selecting and implementing the most appropriate remedial action. Enclosed is information to help you understand what you need to do to ensure your compliance with the spills law.

The purpose of this letter is threefold: 1) to describe your legal responsibilities, 2) to explain what you need to do to investigate and clean up the contamination, and 3) to provide you with information about cleanups, environmental consultants, possible financial assistance, and working cooperatively with the Department of Natural Resources.

Legal Responsibilities:
Your legal responsibilities are defined both in statute and in administrative codes. The hazardous substances spill law, Section 292.11 (3) Wisconsin Statutes, states:

* RESPONSIBILITY. A person who possesses or controls a hazardous substance which is discharged or who causes the discharge of a hazardous substance shall take the actions necessary to restore the environment to the extent practicable and minimize the harmful effects from the discharge to the air, lands, or waters of the state.

Wisconsin Administrative Codes chapters NR 700 through NR 728 establish requirements for emergency and interim actions, public information, site investigations, design and operation of remedial action systems, and case closure. Chapter NR 708 includes provisions for immediate actions in response to limited contamination. Wisconsin Administrative Code chapter NR 140 establishes groundwater standards for contaminants that reach groundwater.

Steps to Take:
The longer contamination is left in the environment the farther it can spread and the more it may cost to clean up. Quick action may lessen damage to your property and neighboring properties and reduce your costs in investigating and cleaning up the contamination. To ensure that your cleanup complies with Wisconsin's laws and administrative codes, you should hire a professional environmental consultant who understands what needs to be done. These are the first four steps to take:

1. By 12-29-98, please submit written verification (such as a letter from the consultant) that you have hired an environmental consultant. You will need to work quickly to meet this timeline.

2. By 2-12-99, your consultant must submit a workplan and schedule for the investigation. The consultant must follow the DNR administrative codes and technical guidance documents. Please include with your workplan a copy of any previous information that has been completed (such as an underground tank removal report or a preliminary excavation report).

3. Please inform DNR of what is being done at your site. Submittal requirement timelines depend on the contaminants at the site. As described in s. NR 700.11, if the site meets criteria for a "simple site", progress reports must be submitted semi-annually, beginning 6 months from the initial notification date. If the site meets criteria for a "complex site", the site investigation report and a draft remedial options report must be submitted to DNR within 30 days of completion of both reports. Your consultant must clearly document the extent and degree of soil and groundwater contamination and submit a proposal for cleaning it up.

4. For complex sites, per s. NR 724.13(3), you or your consultant must provide a brief report at least every 90 days, starting after the remediation system begins operation. The reports should summarize the work completed since the last report. Quarterly reports need only include one or two pages of text, plus any relevant maps and tables. However, should conditions at your site warrant, we may require more frequent contacts with the Department.

Due to the number of contaminated sites and our staffing levels in DNR's Southeast Region, we will be unable to provide workplan approvals for investigations or remedial actions. To maintain your compliance with the spills law and chs. NR 700 through NR 728, do not delay the investigation and cleanup of your site by waiting for DNR response. We have provided detailed technical guidance to environmental consultants. Your consultant is expected to know our technical procedures and administrative codes and should be able to answer your questions on meeting cleanup requirements.

Your correspondence and reports regarding this site should be sent to:

Michael Farley, BRR Program Assistant
Wisconsin Department of Natural Resources
Box 12436
Milwaukee WI 53212

Unless otherwise requested, please send only one copy of plans and reports. To speed processing, correspondence should reference the BRRTS and FID numbers shown at the top of this letter.

Information for Site Owners:
Enclosed is a list of environmental consultants and some tips on selecting one. If you are eligible for reimbursement of costs under Wisconsin's PECFA program (see last paragraph) you will need to compare at least three consultants' proposals before hiring a consultant. Consultants and laboratories working in the PECFA program are required to carry errors and omissions insurance to help protect you against unsuitable work. Also enclosed are materials on controlling costs, understanding the cleanup process, and choosing a site cleanup method. Please read this information carefully.

If you are interested in obtaining the protection of limited liability under s. 292, Stats., please call 1-800-367-6076 in DNR's Madison office for more information. The liability exemption under s. 292 Stats., is available to persons who meet the definition of "purchaser" in s. 292 and receive DNR approval for the response actions taken at the property undergoing cleanup. DNR will determine eligibility for this program on a case-by-case basis, prior to the "purchaser" developing a scope of work for conducting a ch. NR 716 site investigation.

Financial Information:
Reimbursement from the Petroleum Environmental Cleanup Fund (PECFA) is available for the costs of cleaning up contamination from eligible petroleum storage tanks. The fund is administered by the Department of Commerce (Commerce). Please contact DILHR at (608) 266-2424 for more information on eligibility and regulations for this program.

Thank you for your cooperation.

Sincerely,

Michael G. Farley
Program Assistant
414-263-8680

CC: Randy Igel, Advent

RACINE CO. SBD
252228240

12/28/90

Site
Location:

Parks-Pioneer Silver Steel
1218 North Frederick Street
Racine, WI 53441

SITE ASSESSMENT PHASE I
UNDERGROUND STORAGE
TANK ABANDONMENT
MARCH 12, 1991

PAL

Prepared for:
Parks-Pioneer Corp.
4320 N. 35th Street
Milwaukee, WI 53216

Submitted by:
Cooper Environmental Resources, Inc.
1411 North Main Street
West Bend, WI 53095

T-25-91 SED

Cooper
ENVIRONMENTAL RESOURCES INC.

RECEIVED

MAR 13 1991

BUREAU OF SOLID -
HAZARDOUS WASTE MANAGEMENT

March 12, 1991

Brad Wolbert
Bureau of Solid and Hazardous Waste Management
P.O. Box 7921
Madison, WI 53707

Dear Mr. Wolbert:

Cooper Environmental Resources Inc. (CERI) has completed the environmental tasks associated with the abandonment of one underground storage tank located at 1218 N. Frederick St., Racine, WI 53441. Results of the Tank Abandonment and a site assessment are presented in the enclosed report.

If you have any questions please contact myself or Kevin Cooper.

sincerely,

Philip Alexandrin
environmental specialist

enclosure

1411 North Main Street • West Bend, WI 53095 • 414-338-9697 • 1-800-924-5602

Site
Location:

Parks-Pioneer Silver Steel
1218 North Frederick Street
Racine, WI 53441

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SITE ASSESSMENT PHASE I
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Prepared for:
Parks-Pioneer Corp.
4320 N. 35th Street
Milwaukee, WI 53216

Submitted by:
Cooper Environmental Resources, Inc.
1411 North Main Street
West Bend, WI 53095

Prepared by:

Philip Alexandrin
Environmental Specialist

Reviewed by:

Kevin Cooper
President

FACILITY DESCRIPTION ABSTRACT

Person Responsible:	Daniel Sennott Parks-Pioneer Corp. 4320 N. 35th St. Milwaukee, WI 53216 phone # 414-871-0860
Site Location:	Parks Pioneer Silver Steel 1218 North Frederick St. Racine, WI 53441
Site Description:	T. 3 N R. 23 E N 1/2 of SW 1/4 of section 4 Racine County, Wisconsin
Type of Operation	scrap metal yard
Tank Installation:	none
Tank Abandonment:	one 8,000 gallon steel gasoline tank

TABLE OF CONTENTS

page

1.0 INTRODUCTION..... 1

2.0 BACKGROUND..... 1

3.0 OBSERVATIONS..... 1

4.0 SOIL SAMPLING LOCATIONS..... 1

5.0 DRILLING AND SAMPLING ACTIVITIES..... 3

5.1 Field Screening..... 5

5.11 Photoionization Detector Readings..... 5

5.2 Analytical Samples..... 5

6.0 HANDLING OF TANK, WASTE PRODUCT, AND SOILS..... 5

7.0 LABORATORY RESULTS..... 5

8.0 DISCUSSION..... 7

9.0 CONCLUSIONS..... 7

APPENDICES

Appendix A	Laboratory Analysis and Chain of Custody Documentation
Appendix B	Soil Boring Logs
Appendix C	Tank Abandonment Form

FIGURES

Figure No. 1	Site Location Map
Figure No. 2	Soil Boring Locations

TABLES

Table No. 1	Photoionization Readings for Split-Spoon Samples
Table No. 2	Laboratory Results for Split-Spoon Samples

1.0 INTRODUCTION

Cooper Environmental Resources Inc. (CERI) was contracted by Parks-Pioneer Corp. to conduct an environmental soils assessment. The soils assessment took place after the inground abandonment of one underground tank. The purpose of this study is to document the subsurface condition of the site at the time of the tank abandonment. The property is presently owned by Parks-Pioneer Corp. The tank was abandoned in place. Removing it would have caused physical damage to the building.

2.0 BACKGROUND

The project site is presently used as a garage for vehicles associated with Parks-Pioneer Silver Steel. The abandoned tank was used for the fueling of company vehicles. One 8,000 gallon steel tank was abandoned in place on December 28, 1990. No known underground storage tanks remain on site.

Previous geotechnical investigations have not taken place on the site. No repairs have been made to the tank or known leaks reported. The project site is located at 1218 North Frederick Street, Racine, WI 53441 (Figure 1). The legal description of the site is as follows; T. 3 N R. 23 E, N 1/2 of SW 1/4 of section 4, Racine County, Wisconsin. There are no known underground storage tanks or gas stations in the vicinity of the site.

3.0 OBSERVATIONS

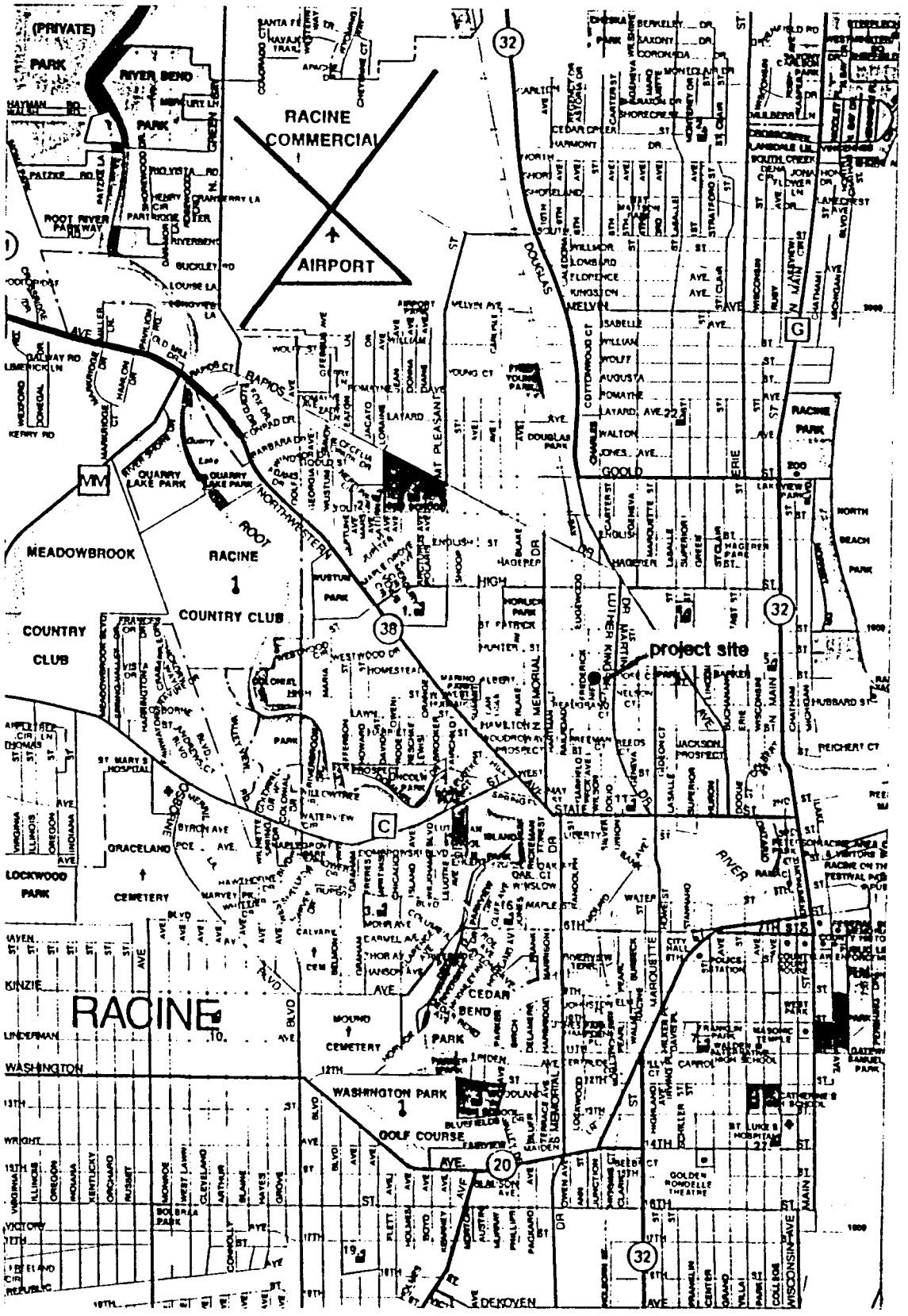
National Tank Service of West Allis, Wisconsin prepared the abandonment site by excavating the area above the tank. A three by four foot area was removed. The tank was then defumed. After defuming, a two foot by three foot access hole was cut in its top. National Tank personnel lowered themselves into the tank. Sludge was removed and brought to the surface. 20 gallons of gasoline sludge were placed in a 55 gallon DOT approved drum. An analytical sample was obtained. The drum was then sealed.

A pilot hole was drilled through the tank's bottom. Plans to sample through the bottom of the tank were canceled for safety reasons. The site was secured with safety barricades. A 3/4" thick sheet of plate steel was placed atop the excavated area. A plan to sample with the aid of a drill rig was then formulated.

Native soils consisted of a clay fill to approximately 5.5 ft. followed by brown lean silty clay (USCS - CL).

4.0 SOIL SAMPLING LOCATIONS

DILHR requires that soil samples be taken at the time of abandoning a tank in place at the following locations using the



Parks–Pioneer Silver Steel

Figure 1

Site Location Map

source: Rand McNally, 1989

scale: 1" equals .5 mile

drawn by: PJA

date: 2-25-91

Cooper

ENVIRONMENTAL RESOURCES INC.

1411 North Main Street, West Bend, Wisconsin 53095

following methods:

A. Soil borings through the use of a drill rig. The borings must be located as close as possible from each end of the tank. The borings must be completed, documented, and abandoned in compliance with the requirements of NR 141.

B. If the tank can be safely entered, and holes can be cut in the bottom, the soil beneath the tank may be sampled through the holes. The holes must be located near each end of the tank.

C. Underneath each island on the supply side.

D. At points where strong odors or soil discoloration indicate contamination.

However, if it is obvious that subsurface contamination has occurred, the Wisconsin Department of Natural Resources (WDNR) allows alternate sample locations. The following procedures were utilized to document the project site's subsurface condition.

5.0 DRILLING AND SAMPLING ACTIVITIES

In order to collect soil samples for the tank closure:

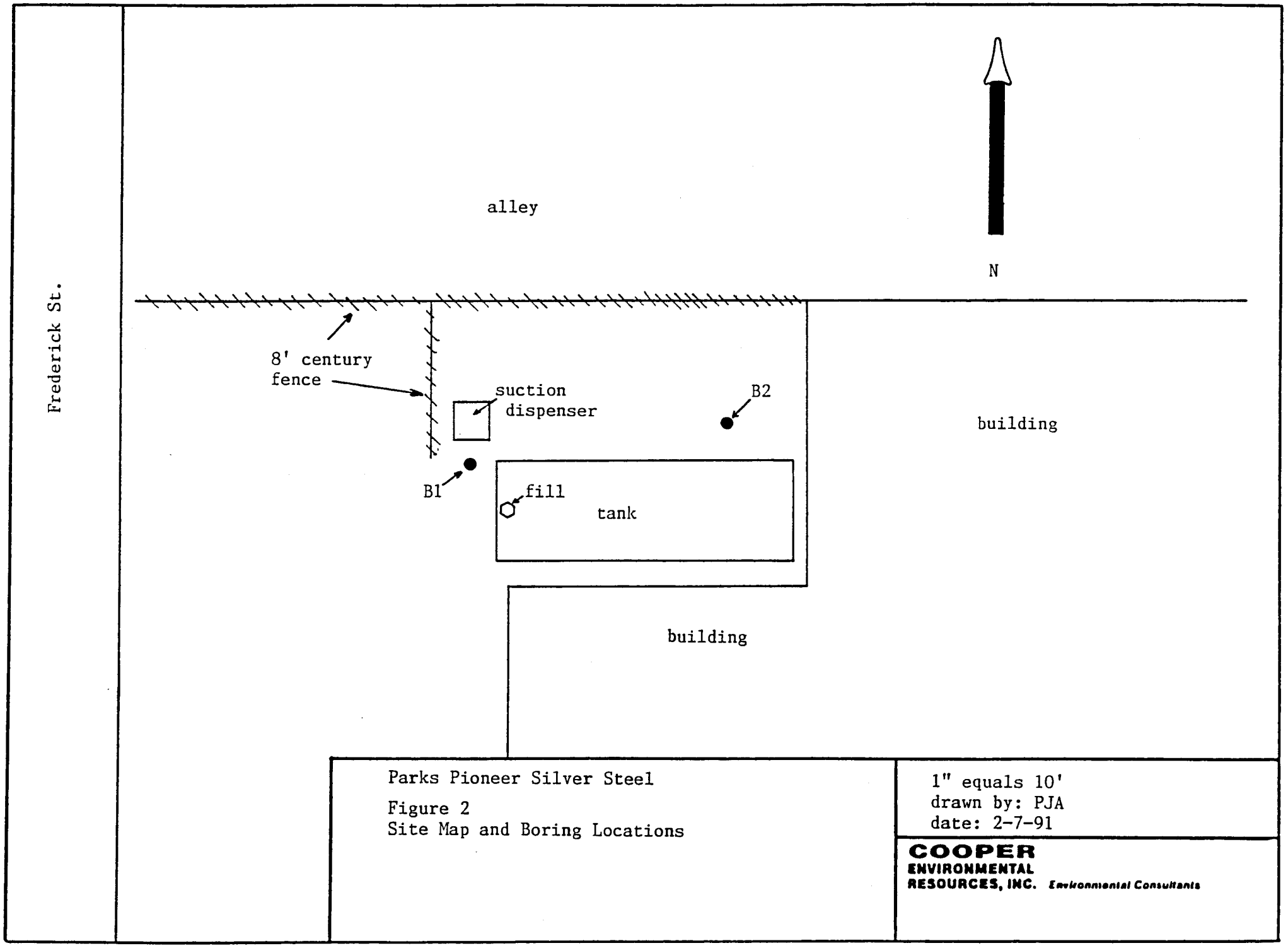
Two soil boring locations were drilled and continuously split-spoon sampled (Figure 2). Boring locations were completed at approximately 12 feet below ground surface. Drilling equipment and all associated down hole tools were steam cleaned prior to arrival on-site. The split-spoon sampler was washed with TSP and double rinsed between sample intervals. Clean augers and down-hole tools were used for each boring.

Drilling activities were conducted on December 28, 1990 and January 25, 1991. Drilling equipment consisted of a truck mounted CME 45, (6 1/2" O.D. x 2 1/4 " I.D. hollow stem augers) split-spoon sampler. Drilling fluids were not used.

Typical soil horizons are profiled below:

* 4" asphalt, 3" sand and gravel, and sand backfill to 2.5 ft.

* brown clay fill to 7.0 ft. pocket pen readings approximately 2.0, followed by silty brown clay with a trace of fine gravel to approximately 10.5 ft. pocket pen readings approximately 3.0, followed by silty grey clay with a trace of fine gravel pocket pen readings 4.5.


Frederick St.
alley
N
8' century
fence
suction
dispenser
B2
building
B1
fill
tank
building
Parks Pioneer Silver Steel
Figure 2
Site Map and Boring Locations
1" equals 10'
drawn by: PJA
date: 2-7-91
COOPER
ENVIRONMENTAL
RESOURCES, INC.
Environmental Consultants

5.1 Field Screening

Field screenings, for Volatile Organic Compound (VOC) content, were conducted with a Model 580B Thermal Environmental Instruments organic vapor monitor OVM (Table 1). The OVM is a portable device capable of detecting VOC's. The OVM is equipped with a 10.0 electron lamp, a positive displacement pump, and is referenced to Benzene and calibrated to isobutylene. Every time before going into the field the OVM is calibrated with a Thermo Environmental Instruments calibration kit.

5.11 Photoionization Detector Readings

Soil samples from the split spoon sampler were divided into two samples. One sample was reserved in a Ziploc bag, on ice, for possible laboratory analysis. Samples were broken up and placed in a glass jar. Jars were filled halfway. Jars were covered with tin foil, lids, and then agitated. Samples were allowed to warm to 70 F in a car for 30 minutes. The OVM's probe was then inserted through the foil seal into the jars' headspace. VOC's, in instrument units (iu), were then determined and logged. Units of iu's are used since all concentrations of volatile organics are read as if they were benzene. The OVM's response to heavier petroleum products such as Diesel is limited.

5.2 Analytical Samples

Analytical samples were to be taken from the interval of the boring that had the highest contamination and the interval that showed the end of contamination. In the case that no contamination was detected one sample per boring was submitted.

Samples were placed in laboratory supplied wide mouth 4 ounce glass jars and secured with a Teflon lined lid. Analytical samples were immediately placed on ice. A chain of custody document accompanied the samples to the laboratory (WDNR certification # 241369260).

6.0 HANDLING OF TANK, WASTE PRODUCT, AND SOILS

National Tank Service of West Allis, Wisconsin prepared the excavation site by pumping the remaining product from the tank. Once excavated the tank was cut open. The tank was then defumed. Sludge was squeegeed from the tank and placed in a 55 gallon drum. An application for an EPA Hazardous Waste Number was submitted by National Tank. The tank was filled with a pumpable mixture of 1/2 bag cement, fly ash, and fine sand.

7.0 LABORATORY RESULTS

Laboratory analysis of the four soil samples obtained from the borings were as follows: soil sample (SS #1), Boring 1 - 3.0 to

TABLE 1

Parks Pioneer Silver Steel
Photoionization Detector Readings
580B OVM - Thermo Environmental Instruments
Split Spoon Sample Field Screenings
Background Air Concentration 0.0 iu

OVM results at depth below ground surface (in feet)

Boring	1-3	3-5	5-7	7-9	9-11	11-13
B1	ND	*ND	*ND	ND	*ND EOB	
B2	ND	ND	*ND	ND	ND	*ND EOB

note: * indicates an analytical sample was obtained from this depth
EOB = end of bore

7.0 ft., TPH No Detect (ND); SS #2, Boring 1 - 11.0 ft., ND; SS #3, Boring 2 - 5.0 to 7.0 ft., ND; and SS #4, Boring 2 - 11.0 to 13.0 ft., ND. The laboratory that conducted the Modified California Method TPH analysis listed a detection limit of 10.0 ppm. All TPH results are for gasoline (Table 2).

8.0 DISCUSSION

During the drilling and sampling of the borings no groundwater was encountered. The bottom of Boring 2 was 13 ft. bgs. This is approximately 2 ft. below the tank's invert.

9.0 CONCLUSIONS

Further environmental studies are not necessary or warranted for the following reasons:

* TPH concentrations were not detected in lab analyzed representative soil samples.

* Groundwater was not encountered during any portion of the work project.

Copies of this report have been forwarded to:

1. Department of Industry, Labor and Human Relations
   Post Office Box 7969
   Madison, Wisconsin 53707

2. Brad Wolbert
   Bureau of Solid and Hazardous Waste Management
   P.O. Box 7921
   Madison, Wisconsin 53707

TABLE 2

Parks Pioneer Silver Steel
Laboratory Results
Split-Spoon Soil Samples
Modified California Method TPH (detection limit 10 ppm)

Location	depth	level(ppm)
SS #1 Boring 1	3 - 7 ft.	ND
SS #2 Boring 1	11 ft.	ND
SS #3 Boring 2	5 - 7 ft.	ND
SS #4 Boring 2	11 - 13 ft.	ND

note: ND = no detect

APPENDIX A

CHAIN OF CUSTODY RECORD

PROJECT #	PROJECT NAME
901210	PARKS PIONEER

SAMPLERS: KEVIN Cooper

SAMPLE NUMBER	DATE	TIME	COMP.	GRAB	SAMPLE LOCATION	NO. OF CONTAINERS	TPH GAS						SAMPLE DESCRIPTION
B1	12/28		X		3.0 - 7.0 ft	1	X						4 oz glass
B1	12/28			X	11.0 ft	1	X						

Relinquished By:	Date/Time	Received By:	Relinquished By:	Date/Time	Received By:
[signature]	1/2/90 2:30	[signature]			
Relinquished By:	Date/Time	Received By:	Relinquished By:	Date/Time	Received By:

Remarks:

Report To:

COOPER ENVIRONMENTAL RESOURCES INC.
Environmental Consultants

UNDERGROUND TANKS
GROUNDWATER/SOIL CLEANUP
HAZARDOUS WASTE
ENVIRONMENTAL AUDITS

5569 Peters Drive
West Bend, WI 53095
414-338-9697
1-800-924-5602

White-Accompanies Shipment, Yellow-Laboratory File, Pink-CER

Precision Analytical Lab, Inc
205 West Galena
Milwaukee, WI 53212

Attn:
Phone: (414) 272-5222

Cooper Environmental
1411 North Main Street
West Bend, WI 53095

Attn: Kevin Cooper
Invoice Number:

Order #: 91-01-005
Date: 01/07/91 11:01
Work ID: PARKS PIONEER 901210
Date Received: 01/02/91
Date Completed: 01/07/91

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
01	3.0'- 7.0'	02	11.0'

Laboratory ID Number (Wisconsin DNR): 241369260

Sandra E. Lepak
Certified By
Sandra E. Lepak

TEST RESULTS BY SAMPLE

Sample: 01A 3.0'- 7.0' Collected: 12/28/90

Test Description	Result	Limit	Units	Analyzed	By
TPH Mod Calif Mtd - Soil					
Gasoline	< 10		ppm	01/04/91	SEL
Mineral Spirits	< 10		ppm	01/04/91	SEL
Stoddard Solvent	< 10		ppm	01/04/91	SEL
Diesel	< 10		ppm	01/04/91	SEL
Jet Fuel	< 10		ppm	01/04/91	SEL
Fuel Oil	< 10		ppm	01/04/91	SEL
Kerosene	< 10		ppm	01/04/91	SEL

Sample: 02A 11.0' Collected: 12/28/90

Test Description	Result	Limit	Units	Analyzed	By
TPH Mod Calif Mtd - Soil					
Gasoline	< 10		ppm	01/04/91	SEL
Mineral Spirits	< 10		ppm	01/04/91	SEL
Stoddard Solvent	< 10		ppm	01/04/91	SEL
Diesel	< 10		ppm	01/04/91	SEL
Jet Fuel	< 10		ppm	01/04/91	SEL
Fuel Oil	< 10		ppm	01/04/91	SEL
Kerosene	< 10		ppm	01/04/91	SEL

REPORT COMMENTS

The samples ordered for TPH were analyzed by a modification of the California method using EPA method 3810.

CHAIN OF CUSTODY RECORD

PROJECT # 901210

PROJECT NAME Parks Pioneer Silver Steel

SAMPLERS: Philip Alexandrin

SAMPLE NUMBER	DATE	TIME	COMP.	GRAB	SAMPLE LOCATION	NO. OF CONTAINERS	TPH calif mod						SAMPLE DESCRIPTION
SS#1	1-25-91	9:18		X	B2 5-7'	1	X						4oz glass jar
SS#2	1-25-91	9:40		X	B2 11-13'	1	X						↓ ↓

Relinquished By:	Date/Time	Received By:	Relinquished By:	Date/Time	Received By:
Philip Alexandrin	1-25-91 4:31	Sandy Lepak			
Relinquished By:	Date/Time	Received By:	Relinquished By:	Date/Time	Received By:

Remarks:

Report To:

COOPER ENVIRONMENTAL RESOURCES INC.
Environmental Consultants

UNDERGROUND TANKS
GROUNDWATER/SOIL CLEANUP
HAZARDOUS WASTE
ENVIRONMENTAL AUDITS

1411 North Main Street
West Bend, WI 53095

414-338-9697
1-800-924-5602

White-Accompanies Shipment, Yellow-Laboratory File, Pink-CER

Precision Analytical Lab, Inc
205 West Galena
Milwaukee, WI 53212

Attn:
Phone: (414) 272-5222

Cooper Environmental
1411 North Main Street
West Bend, WI 53095

Attn: Kevin Cooper
Invoice Number:

Order #: 91-01-093
Date: 01/31/91 12:22
Work ID: PARKS PIONEER SILVER STEEL
Date Received: 01/25/91
Date Completed: 01/31/91

SAMPLE IDENTIFICATION

Sample Number	Sample Description	Sample Number	Sample Description
01	SS#1- B2 5'-7'	02	SS#2- B2 11'-13'

Laboratory ID Number (Wisconsin DNR): 241369260

Sandra E. Lepak
Certified By
Sandra E. Lepak

TEST RESULTS BY SAMPLE

Sample: 01A SS#1- B2 5'-7' Collected: 01/25/91

Test Description	Result	Limit	Units	Analyzed	By
TPH Mod Calif Mtd - Soil					
Gasoline	< 10		ppm	01/30/91	SEL
Mineral Spirits	< 10		ppm	01/30/91	SEL
Stoddard Solvent	< 10		ppm	01/30/91	SEL
Diesel	< 10		ppm	01/30/91	SEL
Jet Fuel	< 10		ppm	01/30/91	SEL
Fuel Oil	< 10		ppm	01/30/91	SEL
Kerosene	< 10		ppm	01/30/91	SEL

Sample: 02A SS#2- B2 11'-13' Collected: 01/25/91

Test Description	Result	Limit	Units	Analyzed	By
TPH Mod Calif Mtd - Soil					
Gasoline	< 10		ppm	01/30/91	SEL
Mineral Spirits	< 10		ppm	01/30/91	SEL
Stoddard Solvent	< 10		ppm	01/30/91	SEL
Diesel	< 10		ppm	01/30/91	SEL
Jet Fuel	< 10		ppm	01/30/91	SEL
Fuel Oil	< 10		ppm	01/30/91	SEL
Kerosene	< 10		ppm	01/30/91	SEL

REPORT COMMENTS

The samples ordered for TPH were analyzed by a modification of the California method using EPA method 3810.

APPENDIX B

Sheet ____ Of ____

FOR Pioneer Parks 10'N of bldg. Wall West end of tank **JOB NO.** 901210

LOCATION between dispenser and tank on NW edge **Elev.** ____ **BORING NO.** B1

GROUND WATER
While drilling ____ Time after drilling ____
Before casing removal ____ Depth to water ____
After casing removal ____ Depth to cave-in ____

Start 12-22-90
Unit CME 45
Chief KJC

Sample Number	Moisture	Blows on Sampler 0/6	Blows on Sampler 6/12	Sample Recovery	Total Blows	VISUAL FIELD CLASSIFICATION	Unconfined Strength	REMARKS
						4" asphalt 3" crushed stone & SAND		
		15	9			Dark brown to black sandy CLAY fill occ.		
1		8	6	6	14	rubble 3		DATE INCONSISTENT
	M	2	2			Black organic topsoil 4		
2		2	2	24	4			
	M	2	2			5		
3		5	5	24	10	Soft brown to green lean mottled CLAY		
	M/W	6	4			Slight petr. odor 7	.75	
4		13	9	24	22		2.5	
	M	7	9					
5		9	14	24	23	10 Light brown silt some CLAY occ.gravel	4.5	
	M					Light brown lean CLAY 9-10.0 ft. 10		
						Hard light gray lean CLAY trace gravel		
						15		
						EOB: 11.0 ft.		
						Lab Samples at 3-7.0 ft. and 11.0 ft.		
						20		
						25		
						Backfilled with bentonite chips		
						30		
						35		
						40		
						45		
						50		

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 7/89
Page ____ of ____

Facility Name: PARKS PIONEER	10' N of building wall West end of tank SILVER STEEL between dispenser & tank on NW edge	License/Permit/Monitoring Number: — — — — — — —
Boring Drilled by (Name): J & J Soil Testing		Date Installed: 12 / 28 / 90 (M M D D Y Y)
Facility Well Number: B 1	WI Unique Well Number (assigned by DNR): — — — — — —	Borehole Diameter: 6.5 Inches
Water Level: ____ Feet	Surface Elevation: ____	

N½ of SW 1/4 of Section 4 T 3 N, R 23 (E) or W

Grid Location (if applicable): ____ feet N or S ____ feet E or W

County: Racine

County Code: — —

Civil Town: Racine

Sample No.	Sample Rec.	Depth	SOIL/ROCK DESCRIPTION	Well Diagram	USCS	RQD	Geologic	Hnu	SOIL PROPERTIES qu (qa) (tsf)	W	LL	PL	P200	Blow Count
			4" asphalt 3" crushed stone & Sand											
1	6		Dark brown to black sandy CLAY fill occ. rubble 3											14
2	24	5	Black organic topsoil 4											4
3	24		soft brown to green lean mottled CLAY; slight pet. odor						.75					10
4	24		Light brown silt some CLAY occ.gravel						2.5					22
		10	Light brown lean CLAY 9.0-10.0 ft.											
5	24		Hard light gray lean CLAY; trace gravel						4.5					23
		15												
			EOB: 11.0 ft. Lab sample taken at 3-7 ft. & 11.0 ft.											
		20												
		25												
		30												
			Backfilled with bentonite chips											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature]

Firm: COOPER ENVIRONMENTAL RESOURCES, INC.

This form is authorized by Chapters 144, 147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties; Forfeit not less than $10 nor more than $5,000 for each violation. Fined not less than $10 or more than $100 or imprisoned not less than 30 days, or both, for each violation. Each day of continued violation is a separate offense, pursuant to ss. 144.99 and 162.06, Wis. Stats.

Sheet ____ Of ____

FOR Parks Pioneer - Silver Steel

JOB NO. 901210

LOCATION 6'10" W of E wall 13' N of N wall

Elev. ____

BORING NO. B2

GROUND WATER			
While drilling		Time after drilling	
Before casing removal	NA	Depth to water	NA
After casing removal		Depth to cave-in	10'17/8"

Start 1-25-91
Unit CME 45
Chief PJA

Sample Number	Moisture	Blows on Sampler 0/6	Blows on Sampler 6/12	Sample Recovery	Total Blows	VISUAL FIELD CLASSIFICATION	Unconfined Strength	REMARKS
						4" asphalt 3" sand w/gravel		OVM
1		18	6			sand		1-3 1.8
	M	6	8	24	14	brown to green mottled CLAY (fill)	3.2	3-5 1.6
2		3	2					5-7 4.1
	M	3	3	24	6		2.5	7-9 .6
3		2	3					9-11 .9
	M	3	5	12	8		2.5	11-13 .9
4		8	10			silty brown CLAY w/a little very fine gravel		
	M	14	18	24	32		3.2	
5		11	17			very lean silty brown CLAY w/a little very fine gravel		
	M	20	21	24	42		4.5	
6		5	10					
	M	13	15	24	28	very lean silty grey CLAY w/a trace fine gravel	4.5	
						EOB: 13.0 ft.		
						Sample taken at 5-7 and 11-13 ft.		
						Hole backfilled with bentonite chips		

5 10 15 20 25 30 35 40 45 50

Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 7/89
Page ____ of ____

Facility Name: PARKS PIONEER — 6'10" W of E wall 13' N of N wall SILVER STEEL	License/Permit/Monitoring Number:
Boring Drilled by (Name): J & J Soil Testing	Date Installed: 01 / 25 / 91 (M M D D Y Y)
Facility Well Number: B 2	WI Unique Well Number (assigned by DNR):
Borehole Diameter: 6.5 inches	Water Level: ____ feet Surface Elevation:
N½ of SW 1/4 of Section 4 T 3 N, R 23 (E) or W	Grid Location (if applicable): ____ feet N or S ____ feet E or W
County: Racine	County Code:
Civil Town: Racine	

Sample No.	Sample Rec.	Depth	Soil/Rock Description	Well Diagram	USCS	RQD	Geologic	Kmu	Soil Properties qu (qa) (tsf)	W	LL	PL	P200	Blow Count
			4" asphalt 3" sand w/gravel sand											
1	24		brown to green mottled CLAY (fill)					1.8	3.2					14
2	24	5						1.6	2.5					6
3	12							4.1	2.5					8
4	24		silty brown CLAY w/a little very fine gravel					.6	3.2					32
5	24	10	very lean silty brown CLAY with a little very fine gravel					.9	4.5					42
6	24		very lean silty grey CLAY w/ a trace fine gravel					.9	4.5					
		15												
		20	EOB: 13.0 ft. Lab samples taken at 5-7 and 11-13 ft											
		25												
		30												
			Backfilled with bentonite chips											

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [signature] Firm: COOPER ENVIRONMENTAL RESOURCES, INC.

This form is authorized by Chapters 144, 147 and 162, Wis. Stats. Completion of this report is mandatory. Penalties; Forfeit not less than $10 nor more than $5,000 for each violation. Fined not less than $10 or more than $100 or imprisoned not less than 30 days, or both, for each violation. Each day of continued violation is a separate offense, pursuant to ss. 144.99 and 162.06, Wis. Stats.

APPENDIX C

Wisconsin Department of Industry, Labor and Human Relations

For Office Use Only:
Tank ID #

UNDERGROUND PETROLEUM PRODUCT TANK INVENTORY

Send Completed Form To:
Safety & Buildings Division
P.O. Box 7969
Madison, WI 53707
Telephone (608) 267-5280

This form is to be completed pursuant to Section 101.142, Wis. Stats., to register all underground tanks in Wisconsin that have stored or currently store petroleum or regulated substances. Please see the reverse side for additional information on this program. An underground storage tank is defined as any tank with at least 10 percent of its total volume (included piping) located below ground level. A separate form is needed for each tank. Send each completed form to the agency designated in the top right corner.

This registration applies to a tank that is (check one):
1. ☐ In Use
2. ☐ Abandoned With Product
3. ☒ Abandoned No Product (empty) or With Water
4. ☐ Abandoned - Tank Removed
6. ☐ Abandoned - Filled With Inert Material
7. ☐ Out of Service
8. ☐ Changed Ownership (Indicate new owner in section A. 4. below)

Fire Department Providing Fire Coverage Where Tank Is Located Is In:
☒ City ☐ Village ☐ Town of
Racine

A. IDENTIFICATION: (Please Print)

1. Installation Name: Parks Pioneer Silver Steel
Installation Street Address: 1218 N Fredrick St
☒ City: Racine ☐ Village ☐ Town of:
State: WI | Zip Code: 53441 | County: Racine

2. Mailing Name if Different Than #1: Daniel Sennott, Parks-Pioneer Corp
Mailing Address if Different Than #1: 4320 N. 35th St
☒ City: Milwaukee ☐ Village ☐ Town of:
State: WI | Zip Code: 53216 | County: Milwaukee

3. Name of Contact Person: Daniel Sennott, Parks-Pioneer Corp
Street Address: 4320 N. 35th ST
☒ City ☐ Town ☐ Village of: Milwaukee | State: WI | Zip Code: 53216
County: Milwaukee | Telephone No. (include area code): 414-871-0860

4. Owner Name if Different Than #3: Parks-Pioneer Corp
Street Address: 4320 N 35th ST
☒ City ☐ Town ☐ Village of: Milwaukee | State: WI | Zip Code: 53216
County: Milwaukee | Telephone No. (include area code): 414-871-0860

5. Tank Age (date installed, if known: or years old)
6. Tank Capacity (gallons): 8,000
7. Tank Manufacturer's Name (if known)

B. TYPE OF USER (check one):
1. ☐ Gas Station
2. ☐ Bulk Storage
3. ☐ Utility
4. ☐ Mercantile
5. ☐ Industrial
6. ☐ Government
7. ☐ School
8. ☐ Residential
9. ☐ Agricultural
10. ☐ Other (specify): _____

C. TANK CONSTRUCTION:
1. ☒ Bare Steel
2. ☐ Cathodically Protected and Coated Steel (a. ☐ Sacrificial Anodes or b. ☐ Impressed Current)
3. ☐ Coated Steel
4. ☐ Fiberglass
5. ☐ Other (specify): _____
6. ☐ Relined
7. ☐ Steel - Fiberglass Reinforced Plastic Composite
9. ☐ Unknown

Approval: 1. ☐ Nat'l Std. 2. ☐ UL 3. ☐ Other:
Is Tank Double Walled? ☐ Yes ☐ No
Overfill Protection Provided? ☐ Yes ☐ No If yes, identify type:
Spill Containment? ☐ Yes ☐ No

Tank leak detection method: 1. ☐ Automatic tank gauging 2. ☐ Vapor monitoring 3. ☐ Groundwater monitoring 4. ☐ Inventory control and tightness testing 5. ☐ Interstitial monitoring 6. ☐ Not required at present

D. PIPING CONSTRUCTION
1. ☐ Bare Steel
2. ☐ Cathodically Protected and Coated or Wrapped Steel (a. ☐ Sacrificial Anodes or b. ☐ Impressed Current)
3. ☐ Coated Steel
4. ☐ Fiberglass
5. ☐ Other (specify): _____
9. ☐ Unknown

Piping System Type: 1. ☐ Pressurized piping with: a. ☐ auto shutoff; b. ☐ alarm; or c. ☐ flow restrictor 2. ☐ Suction piping with check valve at tank 3. ☐ Suction piping with check valve at pump and inspectable

Piping leak detection method: used if pressurized or check valve at tank: 1. ☐ Vapor monitoring 2. ☐ Interstitial monitoring 3. ☐ Groundwater monitoring 4. ☐ Tightness testing 5. ☐ Line Leak Detector 6. ☐ Not Required

Approval: 1. ☐ Nat'l Std 2. ☐ UL 3. ☐ Other:
Double Walled: ☐ Yes ☐ No

E. TANK CONTENTS
1. ☐ Diesel
2. ☐ Leaded
3. ☒ Unleaded
4. ☐ Fuel Oil
5. ☐ Gasohol
6. ☐ Other
7. ☐ Empty
8. ☐ Sand/Gravel/Slurry
9. ☐ Unknown
10. ☐ Premix
11. ☐ Waste Oil
12. ☐ Propane
13. ☐ Chemical * _____ _____ _____
14. ☐ Kerosene
15. ☐ Aviation

* If # 13 is checked, indicate the chemical name(s) or number(s) of the chemical or waste.

If Tank Abandoned, Give Date (mo/day/yr): 1-25-91
Has a site assessment been completed? (see reverse side for details) ☒ Yes ☐ No

If installation of a new tank is being reported, indicate who performed the installation inspection:
1. ☐ Fire Department 2. ☐ DILHR 3. ☐ Other (identify) _____

Signature of Person Completing Report: [signature]
Date Signed: 2/13/91

SBD-7437 (R. 09/89)

Department of Natural Resources

Type of Case: LUST✓ ERP__

ACTIVITY NO.: 03-52-203881	FID NO.: [illegible]
County:	Initial Contact Date:
Site Name: Parks Pioneer Tobacco Stop	Send RP Letter ? Y✓ N__ Date [illegible]
Address:	Closure Date:
Municipality:	Person/Firm Reporting:
Legal Desc.: ___ 1/4 ___ 1/4 Sec___ Tn___ Rng___E	
Lat.: ___ Long.: ___	Phone: ( )

PRIORITY:
- ___ High
- ___ Medium
- ___ Low
- ✓ Unknown

IS THIS LUST CASE FEDERALLY FUNDED?
Y✓ N__

FUNDING SOURCE:
- ___ RP
- ___ LTF
- ___ EF
- ___ SF
- ___ None
- ___ Other (describe below)
- ___ EPA Emergency Response

ENFORCEMENT AUTHORITY:
- ___ Spill Law s. 292.11 Wis. Stats.
- ___ Envir. Repair Law s. 292.31 Wis. Stats.
- ___ Solid Waste NR 500
- ___ CERCLA
- ___ Aband. Container s. 292.41 Wis. Stats.
- ___ Other: ___
- ___ Wastewater (lagoons)
- ___ Haz Waste NR600

**********PROGRAMS INVOLVED: (L = Lead, S = Support)**********

- ___ Abandoned Containers
- ___ LUST
- ___ NR 600 Hazardous Waste
- ___ NR 500 Solid Waste
- ___ Spills
- ___ Superfund
- ___ Water Supply
- ___ Water Resources
- ___ Environmental Repair
- ___ DATCP
- ___ **DCOM**
- ___ **CODE 76**

RESPONSIBLE PARTY is a __Company or a __Person

Company Name: ___
Contact Person: ___
Address: ___
Phone: ( ) ___
CC: ___

CONSULTANT:

Company Name: ___
Contact Name: ___
Address: ___
Phone: ( ) ___
CC: (EG: lab) ___

IMPACTS: (enter P for potential, K for known)
- ___ Fire/Explosion Threat
- ___ Contaminated Private Well(s) ___ No. of Wells
- ___ Contaminated Public Well
- P Groundwater Contamination
- ✓ Soil Contamination
- ___ Surface Water Impacts
- ___ Free Product
- ___ Storm Sewer Contam.
- ___ Sanitary Sewer Contam.
- ___ Air Contamination
- ___ Direct Contact
- ___ Concrete/Asphalt
- ___ Contained/Recovered
- ___ Other: ___

NEW FOLDER? Y__ N__

*YOUR INITIALS*___

SUBSTANCES:	#Tanks/containers	Size
✓ Leaded Gas		
___ Unleaded Gas		
✓ Diesel		
___ Fuel Oil		
___ Unknown Hydrocbn		
___ Waste Oil		
___ Metals		
___ RCRA Haz. Waste		
___ VOCs		
___ Chlorinated Solvent		
___ PCBs		
___ Foundry Sand		
___ Misc. Fill		
___ Pesticides		
___ Leachate		
___ PAHs/SVOCs		
___ Oil & Grease		
___ Other		

entered in BRRTS ___/___/___ by ___ (initials)

formlust.doc

Wisconsin Department of Natural Resources 11/5/98

Notification of Petroleum Contamination from Underground / Aboveground Storage Tank Systems

Please complete this form and FAX it to the appropriate WDNR contact person (see list on back page) **immediately** upon discovery of a release from (CIRCLE ONE): (UST) / AST system.

TO: WDNR, Attn: Mike Forley HQ

FAX #: (414) 229-0810

PLEASE TYPE or PRINT LEGIBLY:

1. **Name, company, mailing address and phone number of person reporting the discharge:**

Randy Igel
Advent Environmental Services, Inc
10845 North Buntrock Ave, 64W
Mequon, WI 53092

2. **Site Information**

Name of site at which discharge occurred (local name of site/business -- not responsible party name, unless a residence): Parks Pioneer - Silver Steel

Location (actual street address, not PO box; if no street address, describe as precisely as possible, i.e., 1/4 mile NW of CTHs 60 & 123 on E side of CTH 60):
1218 Frederick Street,

Municipality (city, village, township in which the site is located -- not mailing address):
Racine

County:
Racine

Legal Description: SE 1/4, NE 1/4, Section 8, Tn 3N, Range 22 (E) W

3. **Responsible Party (RP) and/or RP Representative Information**

RP / Business Name: Parks Pioneer / Mr. Myron Parks

Contact Person (if different):

Mailing Address (with zip code): 4320 35th street
Milwaukee, WI 53216

Telephone Number: (414) 871-0860

4. **Identity, physical state and quantity of the hazardous substance discharged (check all that apply):**

___ Unleaded gasoline	___ Fuel oil
✓ Leaded gasoline	___ Waste oil
✓ Diesel	___ Other ___

Parks Pioneer -1218

5. **Impacts to the environment (enter "K" for known/confirmed or "P" for potential for all that apply):**

____Fire/explosion threat	K Soil contamination
____Contaminated private wells (# of wells)____	____Surface water impacts
____Contaminated public wells	____Floating product
P Groundwater contamination	____Other____

6. **Contamination was discovered as a result of:**

✓ Tank closure assessment ____Site assessment ____(other)____

On what date: 10/7/98

Additional Comments:

Laboratory Results showed 48,000 ppm DRO and 5,000 ppm GRO

FAX numbers to report leaking tank sites in DNR's five regions are as follows:

Northeast Region (920-492-5859)
Underground Tanks: Attention - Janis DeBrock
Aboveground Tanks: Attention - Roxanne Chronert
Brown, Calumet, Door, Fond du Lac *(except City of Waupun - see South Central Region)*, Green Lake, Kewaunee, Manitowoc, Marinette, Marquette, Menominee, Oconto, Outagamie, Shawano, Waupaca, Waushara, Winnebago Counties

Northern Region (715-365-8932); Attention - Janet Kazda:
Ashland, Barron, Bayfield, Burnett, Douglas, Forest, Florence, Iron, Langlade, Lincoln, Oneida, Polk, Price, Rusk, Sawyer, Taylor, Vilas, Washburn Counties

South Central Region (608-275-3338); Attention - Marilyn Jahnke:
Columbia, Crawford, Dane, Dodge, Fond du Lac *(City of Waupun only)*, Grant, Green, Iowa, Jefferson, Lafayette, Richland, Rock, Sauk Counties

Southeast Region (414-229-0810); Attention - Mike Farley:
Kenosha, Milwaukee, Ozaukee, Racine, Sheboygan, Walworth, Washington, Waukesha Counties

West Central Region (715-839-6076); Attention - John Grump:
Adams, Buffalo, Chippewa, Clark, Dunn, Eau Claire, Jackson, Juneau, LaCrosse, Marathon, Monroe, Pepin, Pierce, Portage, St. Croix, Trempealeau, Vernon, Wood Counties

Activity Detail Report

BRRTS Number: 03-52-203881 **Type:** LUST

FID: 252228240 **EPA ID:** WIR000037648

Activity Name: PARKS PIONEER SILVER STEEL

Location Name: PARKS PIONEER SILVER STEEL

Address: 1218 FREDERICK ST

Addn'l Address:

Municipality: RACINE

Region: Southeast Region **County:** Racine

Legal Desc: SE 1/4 of NE 1/4 of Section 8, Township 3N Range 22E

Latitude: None Found **Longitude:** None Found

RECEIVED
MAY 3 1 2007
ERS DIVISION
MILWAUKEE

Start Date: 11/05/1998 **End Date:** OPEN

DCOM Number: 53404303018

Transferred to: ☑ DCOM ☐ DATCP ☐ Solid Waste

Date Transferred to DCOM: 05/21/2007

Plot Size (Acres): None Found

Priority: Unknown

EPA Cerclis Number:

Project Manager: COMMERCE

LUST Trust: FEDERAL

Comment: *** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION ***

Indicators

☑ PECFA Eligible ☐ PECFA 80k Failure ☐ Co-Contamination ☐ General Property Codes ☐ ERP Superfund
☐ PECFA 80k ☐ AST ☑ DCOM Tracked ☐ Drycleaner ☐ VPLE ☐ EPA NPL Site

Actions

Action Date	Code	Action Name / Comment	Audit
11/05/1998	1	**Notification**	Added 11/11/1998 by FARLEM
11/11/1998	2	**RP Letter Sent**	Added 11/11/1998 by FARLEM
12/28/1998	33	**Tank Closure/Site Assessment Report Received**	Added 12/30/1998 by JEFFET
12/07/2001	35	**Site Investigation Workplan Received (w/out Fee)**	Added 12/20/2001 by SOLOMK
10/27/2004	99	**Miscellaneous** NOT ENOUGH INFORMATION TO CLASSIFY RISK	Added 10/27/2004 by LAUBES
05/21/2007	76	**Activity Transferred to WI Dept. of Commerce**	Added 05/21/2007 by STOVAV

Impacts

Soil Contamination Added 11/11/1998 by FARLEM

Risk

Low Assigned: 05/02/2007 Added 12/22/1999 by S71584

Substances

Category: Petroleum

Diesel Added 11/11/1998 by FARLEM

Activity Detail Report

Substances

Category: Petroleum

Gasoline Added 11/11/1998 by FARLEM

Who

Consuitant is ADVENT ENVIRONMENTAL SERVICES

Title:
Address: PO BOX 277
MEQUON WI 53092

Phone: (262) 238-1998
Fax: (262) 238-0528
E-Mail:

Project Manager is COMMERCE

Title:
Address: 101 W PLEASANT ST
SUITE 100A
MILWAUKEE WI 53212

Phone: ( ) -
Fax: ( ) -
E-Mail:

RP Contact/Agent is MYRON PARKS

Title:
Address:
PARKS PIONEER/SILVER STEEL

Phone: ( ) -
Fax: ( ) -
E-Mail:

Associated with:
PARKS PIONEER/SILVER STEEL CORP
4320 N 35TH ST
MILWAUKEE , WI 53216-

Phone: (414) 871-0860
Fax: ( ) -

Responsible Party Is PARKS PIONEER/SILVER STEEL CORP

Title:
Address: 4320 N 35TH ST
MILWAUKEE WI 53216

Phone: (414) 871-0860
Fax: ( ) -
E-Mail:

Former Project Manager is SHANNA LAUBE

Title:
Address: 9531 RAYNE ROAD
STURTEVANT WI 53177

Phone: (262) 884-2341
Fax: ( ) -
E-Mail: shanna.laube@wisconsin.gov

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WDNR BRRTS on the Web

BOTW Home >> Basic Search >> Search Results

Remediation Activity Search Results

You searched for:
Activity Name contains %PARKS PIONEER%
5 Activities Found

Sorted by Activity Number

HELP | FEEDBACK | DOWNLOAD

Status	Activity Number & Name Address Municipality	Type	Juris	County	Region
CLOSED	03-41-204130 PARKS PIONEER CORP 3310 W FOND DU LAC AVE MILWAUKEE	LUST	DCOM	MILWAUKEE	SOUTHEAST
OPEN	03-52-203881 PARKS PIONEER SILVER STEEL 1218 FREDERICK ST RACINE	LUST	DCOM	RACINE	SOUTHEAST — 53404-3030-18
OPEN	03-52-204139 PARKS PIONEER SILVER STEEL 1180 FREDERICK ST RACINE	LUST	DCOM	RACINE	SOUTHEAST — 53404-3028-80
NOACTN	09-41-207899 PARKS PIONEER 4320 N 35TH ST MILWAUKEE	NAR	DNR	MILWAUKEE	SOUTHEAST
NOACTN	09-52-294789 PARKS PIONEER SILVER STEEL 1218 N FREDRICK ST RACINE	NAR	DNR	RACINE	SOUTHEAST

BRRTS data comes from various sources, both internal and external to DNR. There may be omissions and errors in the data and delays in updating new information. Please see the BOTW disclaimers page for more information.

The Official Internet site for the Wisconsin Department of Natural Resources

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WDNR BRRTS on the Web

BOTW Home >> Basic Search >> Search Results >> Activity Details

PARKS PIONEER SILVER STEEL
Remediation Activity Details

PRINT | HELP | FEEDBACK

Activity Number and Name	Activity Type	Status
03-52-203881 PARKS PIONEER SILVER STEEL	**LUST**	OPEN

Facility ID	Start Date	Location Name View other activities at this Location	
252228240	11/05/1998	**PARKS PIONEER SILVER STEEL**	
Commerce Number [Exit DNR]	End Date	Address View on Google Maps™ [Exit DNR]	Municipality
53404303018	00/00/0000	1218 FREDERICK ST	RACINE

EPA CERCLIS ID	Date of Last Action	County	DNR Region
NONE	05/21/2007	RACINE	SOUTHEAST
Agency Jurisdiction	Petroleum Risk	Other Location Info	Plot Size (Acres)
COMMERCE	LOW	NONE	UNKNOWN
Public Land Survey System Description		PDF Documents	DNR GIS Map Layers
SE 1/4 of the NE 1/4 of Sec 08, T03N, R23E			View on RR Sites Map

Comments

**** TRANSFERRED TO COMMERCE - ACTIVITY NO LONGER UNDER DNR JURISDICTION *** THERE IS ONE REMEDIATION ACTIVITY AND ONE WASTE ACTIVITY AT THE LOCATION. CLICK ON THE LOCATION NAME LINK TO VIEW LOCATION DETAILS AND VIEW OTHER ACTIVITIES AT THIS LOCATION.*

Characteristics

EPA NPL Site?	Commerce Tracked?	Eligible for PECFA Funds?	Above Ground Storage Tank?	Drycleaner?	Co-Contamination?
No	Yes	Yes	No	No	No

Actions

Place Cursor Over Code to View Description

Date	Code	Name	Comment
11/05/1998	1	Notification	-
11/11/1998	2	RP Letter Sent	-
12/28/1998	33	Tank Closure/Site Assessment Report Received	-
12/07/2001	35	Site Investigation Workplan Received (w/out Fee)	-
10/27/2004	99	Miscellaneous	NOT ENOUGH INFORMATION TO CLASSIFY RISK
05/21/2007	76	Activity Transferred to WI Dept. of Commerce	-

Impacts

Type	Comment
Soil Contamination	-

Substances

Substance	Substance Type	Amount Released
Diesel Fuel	Petroleum	
Gasoline - Unleaded and Leaded	Petroleum	

Who

Consultant: **ADVENT ENVIRONMENTAL SERVICES** PO BOX 277 MEQUON, WI 53092

Responsible Party: **PARKS PIONEER/SILVER STEEL CORP** 4320 N 35TH ST MILWAUKEE, WI 53216

Project Manager: **WI DEPT OF COMMERCE (DCOM)** 201 WEST WASHINGTON AVE MADISON, WI 53703

RP Contact/Agent: **MYRON PARKS** ,

City of Racine - Webpro Assessment System - Microsoft Internet Explorer

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Address http://www.cityofracine.org/WebPro/

Go to "http://www.cityofracine.org/WebPro/"

HOME | SEARCH | SUMMARY | INTERIOR | EXTERIOR | HELP

Search By: Street | Frederick | Go | Search Rows Per Page: 25

Page 1 of 2 Next Page Last Page

Parcel ID	Location	Owner
03123000	1100 FREDERICK ST	TODD K RICHARDS
03137000	1106 FREDERICK ST	ERMALINDA GARCIA NELSEN
03124000	1112 FREDERICK ST	JOHN RABUCK
03181000	1125 FREDERICK ST	GEORGE E + CAROLYN L BERRYMAN
03184000	1129 FREDERICK ST	OSCAR JOHNSON
03137002	1132 FREDERICK ST	JOSE LUIS IBARRA
03186000	1135 FREDERICK ST	MARY JANE JOHNSON
03185000	1139 FREDERICK ST	ERNESTO HERNANDEZ
08210000	1200 FREDERICK ST	MICHAEL A BENES
08209000	1206 FREDERICK ST	NELLIE OATES
08207000	1214 FREDERICK ST	MIGUEL VEGUILLA
08199000	1219 FREDERICK ST	JMJS, LLC
08198000	1227 FREDERICK ST	BHUPENDRA R + PARIT R PATEL

Internet

start | 2 Microso... | Tracker | Property In... | Microsoft E... | City of Rac... | 9:16 AM

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Wisconsin Department of Commerce

Search Results

Petroleum Programs Home	Search Instructions	Search by Tank ID	Search by Site, Owner, or Tank Characteristics

Tank List

Searching for:

Owner ID equal to 350708

Number of matching records: 5

03-52-204139

03-52-203881

Type	ID	Facility ID	Address	Status	Contents	Size (gals)	Cust ID	Owner
County: RACINE, FDID: 5101 - Racine, Municipality: CITY OF RACINE								
1. UST	329596	131736	1112 FREDERICK ST	Closed/Removed	Diesel	5000	350708	PARKS PIONEER CORP
2. UST	329597	131737	1218 FREDERICK ST	Closed/Removed	Diesel	8000	350708	PARKS PIONEER CORP
3. UST	436023	131737	1218 FREDERICK ST	Closed/Removed	Leaded Gasoline	550	350708	PARKS PIONEER CORP
4. UST	329595	131738	1224 FREDERICK ST	Closed Filled With Inert Material	Unleaded Gasoline	8000	350708	PARKS PIONEER CORP
5. UST	329259	131739	PO BOX 4021	Closed/Removed	Leaded Gasoline	6000	350708	PARKS PIONEER CORP

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To Top

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Tank Detail

Search Instructions	Search by Site, Owner, or Tank Characteristics	Search by Tank ID

Tank Detail

Site and Owner

Site Info	County & Municipality	Owner
Facility ID: 131737 SILVER STEEL CO	51 - RACINE	ID: 350708
1218 FREDERICK ST	City of RACINE	PARKS PIONEER CORP
RACINE	Fire Dept ID: 5101 - Racine	4320 N 35TH ST
Landowner Type: Private		MILWAUKEE WI 53216 0

Underground Storage Tank - ID: 329597, Wang ID: 510100609, Closed/Remove 10/07/1998, PTO Expiration: 06/01/1993

Install Date:		**Capacity in Gallons:**	8000	**Contents:**	D
Tank Occupancy:	Industrial	**Marketer:**	N	**CAS Number:**	
Federally Regulated:	Y	**Spill Protection:**	Required - Not Installed	**Overfill Protection:**	F - I
Corrosion Protect Type:		**Date of Lining:**		**Lining Inspected Date:**	
Leak Detection:	Inventory Control & Tightness Test	**Cath Test Date:**		**Cath Expire Date:**	
Leak Test Meth:	null	**Leak Expire Date:**		**Leak Test Date:**	
Construction Material:	Coated Steel	**Wall Size:**	Single	**Underground Piping:**	Y
Close Order Date:		**Close Order By:**			

Piping - Closed/Removed

Flex Connectors:		**UST mainfolded:**		**Related Tank ID:**	
Type:		**Aboveground Piping:**		**Aboveground Pipe Con**	
Construction Material:	Bare Steel	**Corrosion Protect Type:**		**Leak Detection:**	
Cath Test Date:		**Cath Expire Date:**		**Leak Test Meth:**	
Leak Test Date:		**Leak Expire Date:**		**Pipe Wall Size:**	
Catastrophic Leak Detection:		**Cat Leak Test Date:**			

Inspections Click here for login page

Trans ID	Type Status	Date Fiscal Yr

**** No inspections for this tank ****

To Top

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Department of Commerce

Tank Detail

Search Instructions	Search by Site, Owner, or Tank Characteristics	Search by Tank ID

Tank Detail

Site and Owner

Site Info	County & Municipality	Owner
Facility ID: 131737 SILVER STEEL CO	51 - RACINE	ID: 350708
1218 FREDERICK ST	City of RACINE	PARKS PIONEER CORP
RACINE	Fire Dept ID: 5101 - Racine	4320 N 35TH ST
Landowner Type: Private		MILWAUKEE WI 53216 0

Underground Storage Tank - ID: 436023, Wang ID: null, Closed/Removed as

Install Date:		**Capacity in Gallons:**	550	**Contents:**
Tank Occupancy:	Mercantile/Commercial	**Marketer:**	N	**CAS Numbe**
Federally Regulated:		**Spill Protection:**	Required - Not Installed	**Overfill Pro**
Corrosion Protect Type:		**Date of Lining:**		**Lining Insp**
Leak Detection:		**Cath Test Date:**		**Cath Expire**
Leak Test Meth:	null	**Leak Expire Date:**		**Leak Test D**
Construction Material:	Bare Steel	**Wall Size:**	Single	**Undergrour**
Close Order Date:		**Close Order By:**		

Piping - Closed/Removed

Flex Connectors:	N	**UST mainfolded:**	**Related Tank ID:**
Type:		**Aboveground Piping:**	**Aboveground Pipe Con**
Construction Material:	Bare Steel	**Corrosion Protect Type:**	**Leak Detection:**
Cath Test Date:		**Cath Expire Date:**	**Leak Test Meth:**
Leak Test Date:		**Leak Expire Date:**	**Pipe Wall Size:**
Catastrophic Leak Detection:		**Cat Leak Test Date:**	

Inspections Click here for login page

Trans ID	Type	Status	Date	Fiscal Yr

**** No inspections for this tank ****

To Top

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Wisconsin Department of Commerce

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Address http://www.cityofracine.org/WebPro/Summary.asp?AccountNumber=816

HOME | SEARCH | SUMMARY | INTERIOR | EXTERIOR | HELP

| Printable Record Card | Previous Assessment | Condo Info | Sales | Zoning | Yahoo Map |

Location 1214 FREDERICK ST	Property Account Number 09131100	Parcel ID 08207000

Old Parce

Current Property Mailing Address

Owner VEGUILLA MIGUEL

Address 1506 DR M L KING JR DR

City RACINE
State WI
Zip 53404
Zoning I2

Current Property Sales Information

Sale Date 09/22/2006
Sale Price 25,000
Sale Validity Disqualified

Legal Reference 2103041
Grantor(Seller) ECHEVERRIA,RANDY

Done | Internet

Summary - Microsoft Internet Explorer

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Address http://www.cityofracine.org/WebPro/Summary.asp?AccountNumber=816

HOME | SEARCH | SUMMARY | INTERIOR | EXTERIOR | HELP

| Printable Record Card | Previous Assessment | Condo Info | Sales | Zoning | Yahoo Map |

Sale Validity Disqualified

Current Property Assessment

Year 2007
Land Area 68,955.0 Sq. Ft.

Building Value 0
Land Value 35,200
Total Value 35,200

Narrative Description

This property contains 68,955.0 Sq. Ft. of land mainly classified as N/A with a(n) N/A style building, built about , having N/A N/A roof cover, with 0 unit(s), 0 total room(s), 0 total bedroom(s), 0 total bath(s), 0 total half bath(s), 0 total 3/4 bath(s).

Legal Description

NE 1/4 SECTION 8-3-23 BEG INTER NLN HAMILTON ST + WLN FREDERICK ST, N ALG SD WLN 76.5 FT TO POB, W 184.5 FT T ROW, N ALG SD ROW 354.5 FT, E 184.5 FT, S ALG WLN FREDERICK ST 354.5 FT TO POB 1.583 AC MOL

Property Images

Done | Internet

Summary - Microsoft Internet Explorer

File Edit View Favorites Tools Help

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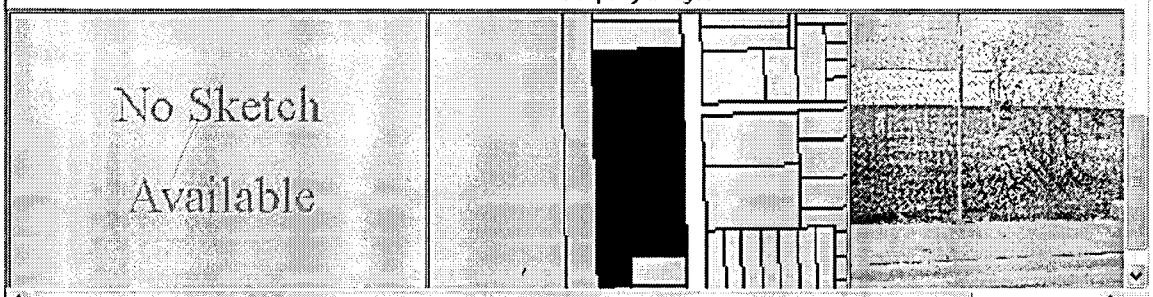
Legal Description

NE 1/4 SECTION 8-3-23 BEG INTER NLN HAMILTON ST + WLN FREDERICK ST, N ALG SD WLN 76.5 FT TO POB, W 184.5 FT T ROW, N ALG SD ROW 354.5 FT, E 184.5 FT, S ALG WLN FREDERICK ST 354.5 FT TO POB 1.583 AC MOL

Property Images



Internet

start | Inbox - Microso... | Tracker - Prod... | 2 Windows Ex... | Summary - Micr... | 6:13 AM

~~Cont~~ Chem Reports, Inc.

Subject to Bidding

Bid Deferment will be $ vehicle

remind about contract notification in letters

- need workscope approved, not going to be a < 20K site

Gasoline components - PVOC + n + lead

diesel components - PAHs

- need borings in sources as well as surrounding

- geoprobes.

Subject tanks removed 10/98

1:40,000

→ 1992-93 1" = 3333 5386-15 & 5386-14

WISDOT & ROBINSON LIB

1990 1" = 1600'

SE WI Regional Planning Commission - Waukesha

1989 1:12000 1" = 1000' ← not 1:36,000

WIDOT C&NW RR Corridor

- need to contact DOT

→ 1979 1:40000 1" = 3333' 179-176 179.177

USDA & ROBINSON LIB

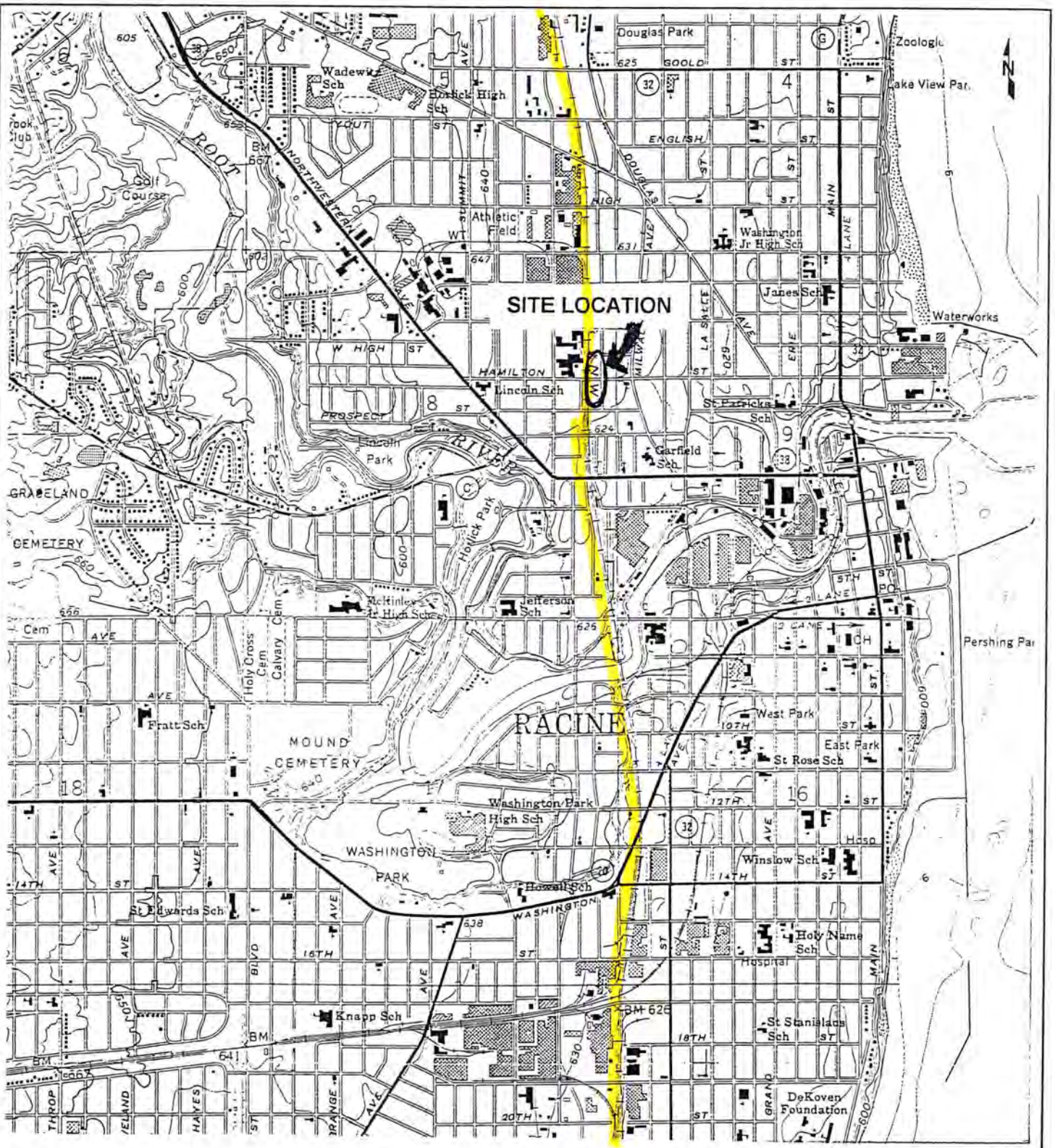
1973 1:24,000 1" = 2000'

WI DOT City of Racine

- need to contact DOT

→ 1969 1:20,000 1" = 1667' XC-1KK-55 XC-1KK-56

USDA & ROBINSON LIB



NOTE:
BASE MAP DEVELOPED FROM THE RACINE SOUTH, WISCONSIN, 7.5 MINUTE U.S.G.S. TOPOGRAPHIC QUADRANGLE MAP.

QUADRANGLE LOCATION
SE1/4 NE1/4 SEC.8 T.3N., R.22E.

SCALE (FEET): 0 2000

DRAWN BY: KRK	FIGURE #1 DETAIL SHEET
APPROVED BY:	SITE LOCATION
DATE: 12/22/98	PARKS PIONEER - 1218 SILVER STEEL SITE RACINE, WISCONSIN
PROJECT #980186.00	ADVENT
REVISION #	ENVIRONMENTAL SERVICES, INC.

To see all the details that are visible on the screen, use the "Print" link next to the map.

Google

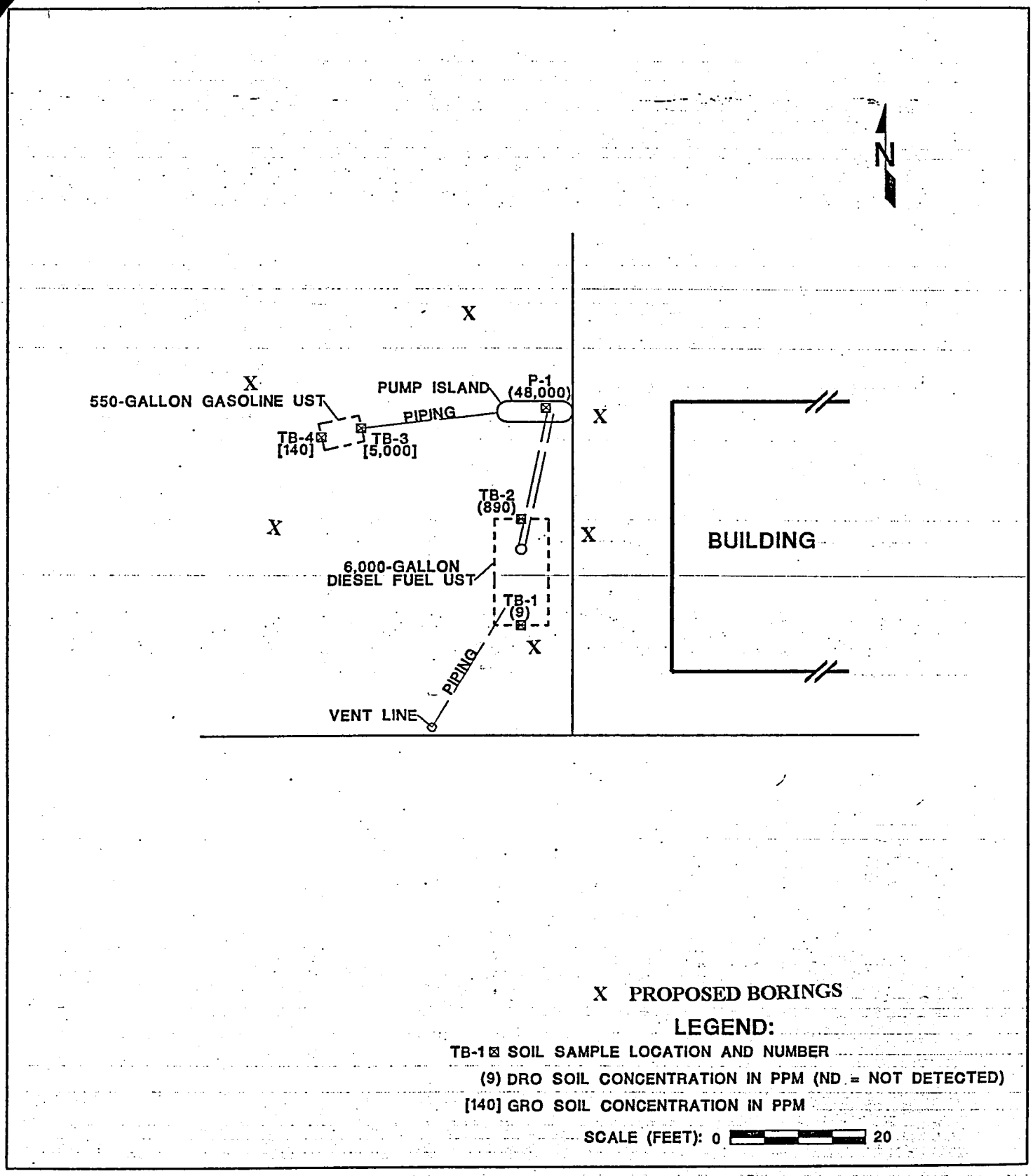


FIGURE 2 SITE FEATURES
PARKS PIONEER
1218 SILVER STEEL SITE
RACINE, WISCONSIN

ADVENT
ENVIRONMENTAL SERVICES, INC.
DATE: 12/22/98
DRAWING #980186.00B

COSTING SUMMARY 53404-3030-18
(as of 9/6/13 submittal)

Incurred Costs under Prior 2 approvals (claimed)		10,884.70
Additional footage DR25/60, not approved, but paid (OK)		387.00
		11,271.70
non-cap items:		206.70
		11,478.40 ✓ 1st claim paid

CAP RECONCILIATION:

				11,217.70
Incurred, but not yet Claimed:				
	well development		843.60	
	waste disposal	WD05	130.60	
per 2/31/13 corr. →	(103) 5	WD15	515.00	
		WD25	274.00	1763.20
Approved, but not yet completed:				
	cap maintenance plan		304.80	
	GIS packet		483.20	
	SIR report (balance)		2172.30	2960.30
				15,995.20
Additional Costs Approved as per 9/6/13 submittal				7917.60
				23,912.80

TRACKER ENTRY RECONCILIATION

PRIOR TWO APPROVALS	5849.10
	13303.60
	19152.70
REVISED DEFERMENT CAP	23,912.80
less prior approvals	(19,152.70)
add: additional DR25/60	387.00
Third TRACKER ENTRY	5147.10

Table A.1. (Page 1 of 1)
Groundwater Analytical Results
Parks Pioneer Silver Steel

Parameter	Sample ID I Date I Results												Groundwater Quality Standards	
	MW-1		MW-2		MW-3		MW-4		MW-5		MW-6		PAL	ES
	6/6/2014	11/7/2014	6/6/2014	11/7/2014	6/6/2014	11/7/2014	6/6/2014	11/7/2014	6/6/2014	11/7/2014	6/6/2014	11/7/2014		
PVOCs & Naphthalene (ug/l)														
Benzene	6.1 ▼	2.8 ♦	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	<0.40	0.5	5
Ethylbenzene	64.1	29.6	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	140	700
Methyl-tert-butyl ether	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	12	60
Naphthalene	8.1	4.3	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	10	100
Toluene	10.0	4.7	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	160	800
1,2,4-Trimethylbenzene	15.2	9.6	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	96 (1)	480 (1)
1,3,5-Trimethylbenzene	10.5	3.5	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	<0.42	96 (1)	480 (1)
Xylenes	32.3	15.5	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	<1.25	400	2,000
PAHs (ug/l)														
Acenaphthene	0.0073	0.0041	0.088	0.065	<0.0068	<0.0033	<0.0068	<0.0033	<0.0068	<0.0033	<0.0068	<0.0033	NS	NS
Acenaphthylene	<0.0063	<0.0028	0.14	0.11	<0.0063	<0.0028	<0.0063	<0.0028	<0.0063	<0.0028	<0.0063	<0.0028	NS	NS
Anthracene	0.054	0.027	0.40	0.35	0.012	0.0089	0.011	0.012	<0.0067	<0.0023	<0.0067	<0.0023	600	3,000
Benzo(a)anthracene	0.036	0.020	1.1	0.54	0.014	0.026	<0.0053	<0.0030	0.076	<0.0030	0.011	<0.0030	NS	NS
Benzo(a)pyrene	*0.039* ♦	0.017	0.87 ▼	0.48 ▼	0.017	*0.020*	<0.0087	<0.0024	<0.0087	<0.0024	0.010	0.0027	0.02	0.2
Benzo(b)fluoranthene	*0.060* ♦	*0.029* ♦	1.0 ▼	0.72 ▼	*0.034* ♦	*0.032* ♦	*0.022* ♦	<0.0046	*0.028* ♦	<0.0046	*0.032* ♦	<0.0046	0.02	0.2
Benzo(g,h,i)perylene	0.046	0.017	0.81	0.38	0.021	0.019	0.0059	<0.0048	0.011	<0.0048	0.014	<0.0048	NS	NS
Benzo(k)fluoranthene	0.034	0.011	0.84	0.28	0.019	0.013	<0.0028	<0.0045	0.0066	<0.0045	0.013	<0.0045	NS	NS
Chrysene	*0.044* ♦	*0.031* ♦	1.2 ▼	0.72 ▼	*0.024* ♦	*0.032* ♦	0.011	<0.0058	*0.020* ♦	<0.0058	*0.026* ♦	0.011	0.02	0.2
Dibenz(a,h)anthracene	0.011	<0.0031	0.28	0.084	<0.0059	0.0041	<0.0059	<0.0031	<0.0059	<0.0031	<0.0059	<0.0031	NS	NS
Fluoranthene	0.058	0.037	2.1	1.1	0.025	0.032	<0.0072	0.0060	0.017	0.0059	0.024	0.011	80	400
Fluorene	<0.0066	0.0062	0.19	0.21	<0.0066	0.0044	<0.0066	<0.0027	<0.0066	<0.0027	<0.0066	0.0031	80	400
Indeno(1,2,3-cd)pyrene	0.033	0.011	0.68	0.29	0.013	0.013	<0.0049	<0.0033	0.0058	<0.0033	0.0090	<0.0033	NS	NS
1-Methylnaphthalene	0.013	0.10	0.41	0.044	<0.0062	0.0074	<0.0062	<0.0057	<0.0062	<0.0057	<0.0062	<0.0057	NS	NS
2-Methylnaphthalene	0.32	0.059	0.43	0.041	<0.0064	0.0086	<0.0064	<0.0076	<0.0064	<0.0076	0.0073	<0.0076	NS	NS
Naphthalene	0.22	0.50	0.11	0.069	0.013	0.0070	<0.0081	<0.0055	<0.0081	<0.0055	<0.0081	<0.0055	10	100
Phenanthrene	0.022	0.027	0.81	0.47	0.016	0.032	0.0097	0.0086	0.017	0.012	0.016	0.014	NS	NS
Pyrene	0.064	0.041	1.8	1.4	0.025	0.041	0.011	0.0086	0.032	0.011	0.035	0.017	50	250

Notes:

♦ *Italic type* indicates concentration exceeds PAL.

▼ **Bold type** indicates concentration exceeds ES.

VOCs - Volatile Organic Compounds
PAHs - Polyaromatic Hydrocarbons
NS - No Standard
PAL - NR 140 Preventive Action Limit
ES - NR 140 Enforcement Standard
NS - No standard
(1) - Groundwater quality standards apply to the combined total concentrations of 1,2,4-Trimethylbenzene and 1,3,5-Trimethylbenzene

TABLE A.2. (Page 1 of 2)
Soil Analytical Results
Parks Pioneer Silver Steel

Sample I.D. / Parameter	DP-1 (4'-6') Unsaturated 7/25/12	DP-1 (10'-12') Unsaturated 7/25/12	DP-2 (6'-8') Unsaturated 7/25/12	DP-3 (7'-8') Unsaturated 7/25/12	DP-4 (8'-9') Unsaturated 7/25/12	DP-4 (11'-12') Unsaturated 7/25/12	Not to Exeed Industrial Direct Contact RCLs	Not to Exceed Non-Industrial Direct Contact RCLs	Groundwater Protection RCLs
	Soil Sample I.D. | Saturation | Date | Results						Residual Contaminant Levels		
VOCs (mg/kg)							mg/kg	mg/kg	mg/kg
1,2,4-Trymethylbenzene	1.320	<0.0250	<0.0250	<0.0250	0.124	<0.0250	219	89.8	NS
1,3,5-Tymethylbenzene	0.708	<0.0250	<0.0250	<0.0250	0.106	<0.0250	182	182	NS
Ethylbenzene	*1.690* ▲	<0.0250	<0.0250	<0.0250	0.0672	<0.0250	37	7.14	1.57
Isopropylbenzene	0.657	NA	NA	NA	0.178	NA	268	268	NS
Naphthalene	*3.050* ▲	NA	NA	NA	0.414	NA	26	5.15	0.6582
Toluene	<0.100	<0.0250	<0.0250	<0.0250	0.0887	<0.0250	818	818	1.1072
Xylenes	2.050	<0.0500	<0.0500	<0.0500	0.1956	<0.0500	258	258	3.94
n-Butylbenzene	0.551	NA	NA	NA	<0.0404	NA	108	108	NS
n-Propylbenzene	1.070	NA	NA	NA	0.173	NA	264	264	NS
p-Isopropylbenzene	<0.100	NA	NA	NA	0.0483	NA	NS	NS	NS
sec-Butylbenzene	0.269	NA	NA	NA	0.473	NA	145	145	NS
PAHs (mg/kg)							mg/kg	mg/kg	mg/kg
Acenaphthene	<0.0099	<0.0094	<0.0096	<0.0097	0.156	NA	33,000	3,440	NS
Acenaphthylene	<0.0099	<0.0094	<0.0096	<0.0097	0.0738	NA	NS	NS	NS
Anthracene	<0.0020	<0.0019	0.0042	0.0052	0.215	NA	100,000	17,200	197.7273
Benzo (a) anthracene	<0.0099	<0.0094	0.0258	0.0099	0.384	NA	2.11	0.148	NS
Benzo (a) Pyrene	<0.0099	<0.0094	0.0291	<0.0097	0.415	NA	0.211	0.015	0.47
Benzo (b) fluoranthene	<0.0028	<0.0027	0.0298	0.0064	*0.610* ▲	NA	2.11	0.148	0.4793
Benzo (g,h,i) perylene	<0.0099	<0.0094	0.0175	<0.0097	0.294	NA	NS	NS	NS
Benzo (k) fluoranthene	<0.0099	<0.0094	0.0283	0.0099	0.282	NA	21.1	1.48	NS
Chrysene	<0.0022	0.0024	0.0343	0.0117	*0.482* ▲	NA	211	14.8	0.1446
Dibenz (a,h) anthracene	<0.0099	<0.0094	<0.0096	<0.0097	0.0993	NA	0.211	0.015	NS
Fluoranthene	<0.0099	<0.0094	0.0392	0.0233	0.813	NA	22,000	2,290	88.8778
Fluorene	<0.0099	<0.0094	<0.0096	<0.0097	0.230	NA	22,000	2,290	14.8027
Indeno (1,2,3-cd) pyrene	<0.0099	<0.0094	0.0158	<0.0097	0.273	NA	2.11	0.148	NS
1-Methylnaphthalene	0.0656	<0.0085	<0.0087	<0.0089	0.252	NA	15.6	53.1	NS
2-Methylnaphthalene	0.0803	<0.0018	<0.0018	<0.0018	0.351	NA	2,200	229	NS
Naphthalene	0.468	<0.0035	<0.0036	<0.0037	0.268	NA	26	5.15	0.6582
Phenanthrene	<0.0025	<0.0024	0.0142	0.0179	0.767	NA	NS	NS	NS
Pyrene	<0.0099	<0.0094	0.0306	0.0161	0.646	NA	16,500	1,720	54.1322
Lead (mg/kg)							mg/kg	mg/kg	mg/kg
Lead	8.4	NA	NA	NA	*427* ▲	NA	800	400	27

Notes:
Table includes detected analytes only.

● **Bold type** indicates concentration within the upper 4 feet of the subsurface exceeds the non-industrial direct contact RCL and, if applicable, the background level, thus constituting a soil standard exceedance.

■ **Bold type** indicates concentration within the upper 4 feet of the subsurface exceeds the industrial direct contact risk RCL and, if applicable, the background level, thus constituting a soil standard exceedance.

▲ *Italic type* indicates a concentration exceeds the groundwater protection RCL and, if applicable the background level, thus constituting a soil standard exceedance.

RCL - Residual Contaminant Level
PVOCs = Petroleum Volatile Organic Compounds
VOCs = Volatile Organic Compounds
PAHs - Polynuclear Aromatic Hydrocarbons
NS = No Standard
NA = Not Analyzed

TABLE A.2. (Page 2 of 2)
Soil Analytical Results
Parks Pioneer Silver Steel

Soil Sample I.D. | Saturation | Date | Results

Residual Contaminant Levels

Sample I.D.	DP-5 (3'-4') Unsaturated 7/25/12	DP-5 (7'- 8') Unsaturated 7/25/12	SB-3 (12'-14') 11/29/12	SB-4 (9-11') 11/29/12	SB-5 (8'-10') 11/29/12	SB-6 (10'-12') 11/29/12	Not to Exeed Industrial Direct Contact RCLs	Not to Exceed Non-Industrial Direct Contact RCLs	Groundwater Protection RCLs
Parameter									
VOCs (mg/kg)							mg/kg	mg/kg	mg/kg
1,2,4-Trymethylbenzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	219	89.8	NS
1,3,5-Tymethylbenzene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	182	182	NS
Ethylbenzene	0.0404	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	37	7.14	1.57
Isopropylbenzene	0.0453	NA	NA	NA	NA	NA	268	268	NS
Naphthalene	0.0303	NA	NA	NA	NA	NA	26	5.15	0.6582
Toluene	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	<0.0250	818	818	1.1072
Xylenes	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	<0.0500	258	258	3.94
n-Butylbenzene	<0.0404	NA	NA	NA	NA	NA	108	108	NS
n-Propylbenzene	0.0352	NA	NA	NA	NA	NA	264	264	NS
p-Isopropylbenzene	<0.0250	NA	NA	NA	NA	NA	NS	NS	NS
sec-Butylbenzene	0.0986	NA	NA	NA	NA	NA	145	145	NS
PAHs (mg/kg)							mg/kg	mg/kg	mg/kg
Acenaphthene	0.0154	NA	<0.0095	<0.0097	<0.0096	<0.0096	33,000	3,440	NS
Acenaphthylene	0.0200	NA	<0.0095	<0.0097	<0.0096	<0.0096	NS	NS	NS
Anthracene	0.0461	NA	<0.0020	<0.0020	<0.0020	<0.0020	100,000	17,200	197.7273
Benzo (a) anthracene	**0.161** ●	NA	<0.0095	<0.0097	<0.0096	<0.0096	2.11	0.148	NS
Benzo (a) Pyrene	**0.190** ●	NA	<0.0095	<0.0097	<0.0096	<0.0096	0.211	0.015	0.47
Benzo (b) fluoranthene	**0.248** ●	NA	<0.0028	<0.0097	<0.0028	0.0095	2.11	0.148	0.4793
Benzo (g,h,i) perylene	0.176	NA	<0.0095	<0.0097	<0.0096	<0.0096	NS	NS	NS
Benzo (k) fluoranthene	0.183	NA	<0.0095	<0.0097	<0.0096	<0.0096	21.1	1.48	NS
Chrysene	*0.271* ▲	NA	0.0058	0.0036	<0.0022	0.0162	211	14.8	0.1446
Dibenz (a,h) anthracene	**0.0555** ●	NA	<0.0095	<0.0097	<0.0096	<0.0096	0.211	0.015	NS
Fluoranthene	0.386	NA	<0.0095	<0.0097	<0.0096	0.0140	22,000	2,290	88.8778
Fluorene	0.0134	NA	<0.0095	<0.0097	<0.0096	<0.0096	22,000	2,290	14.8027
Indeno (1,2,3-cd) pyrene	0.146	NA	<0.0095	<0.0097	<0.0096	<0.0096	2.11	0.148	NS
1-Methylnaphthalene	0.0150	NA	<0.0087	<0.0088	<0.0088	<0.0088	15.6	53.1	NS
2-Methylnaphthalene	0.0216	NA	0.0022	<0.0018	<0.0018	<0.0018	2,200	229	NS
Naphthalene	0.0304	NA	<0.0036	<0.0036	<0.0036	<0.0036	26	5.15	0.6582
Phenanthrene	0.125	NA	0.0034	<0.0025	<0.0025	0.0058	NS	NS	NS
Pyrene	0.296	NA	<0.0095	<0.0097	<0.0096	0.0131	16,500	1,720	54.1322
Lead							mg/kg	mg/kg	mg/kg
Lead	*94.9* ▲	NA	8.2	8.6	7.6	6.8	800	400	27

Notes:
Table includes detected analytes only.

● **Bold type** indicates concentration within the upper 4 feet of the subsurface exceeds the non-industrial direct contact RCL and, if applicable, the background level, thus constituting a soil standard exceedance.

■ **Bold type** indicates concentration within the upper 4 feet of the subsurface exceeds the industrial direct contact risk RCL and, if applicable, the background level, thus constituting a soil standard exceedance.

▲ *Italic type* indicates a concentration exceeds the groundwater protection RCL and, if applicable the background level, thus constituting a soil standard exceedance.

RCL - Residual Contaminant Level
PVOCs = Petroleum Volatile Organic Compounds
VOCs = Volatile Organic Compounds
PAHs - Polynuclear Aromatic Hydrocarbons
NS = No Standard
NA = Not Analyzed

TABLE A.3 (Page 1 of 1)
Residual Soil Contamination
Parks Pioneer Silver Steel

Sample I.D.	DP-1 (4'-6') Unsaturated 7/25/12	DP-4 (8'-9') Unsaturated 7/25/12	DP-5 (3'-4') Unsaturated 7/25/12	Residual Contaminant Levels: Not to Exeed Industrial Direct Contact RCLs	Not to Exceed Non-Industrial Direct Contact RCLs	Groundwater Protection RCLs
Parameter	Soil Sample I.D. | Saturation | Date | Results					
VOCs (mg/kg)				mg/kg	mg/kg	mg/kg
1,2,4-Trymethylbenzene	1.320	0.124	<0.0250	219	89.8	NS
1,3,5-Tymethylbenzene	0.708	0.106	<0.0250	182	182	NS
Ethylbenzene	*1.690* ▲	0.0672	0.0404	37	7.14	1.57
Isopropylbenzene	0.657	0.178	0.0453	268	268	NS
Naphthalene	*3.050* ▲	0.414	0.0303	26	5.15	0.6582
Toluene	<0.100	0.0887	<0.0250	818	818	1.1072
Xylenes	2.050	0.1956	<0.0500	258	258	3.94
n-Butylbenzene	0.551	<0.0404	<0.0404	108	108	NS
n-Propylbenzene	1.070	0.173	0.0352	264	264	NS
p-Isopropylbenzene	<0.100	0.0483	<0.0250	NS	NS	NS
sec-Butylbenzene	0.269	0.473	0.0986	145	145	NS
PAHs (mg/kg)				mg/kg	mg/kg	mg/kg
Acenaphthene	<0.0099	0.156	0.0154	33,000	3,440	NS
Acenaphthylene	<0.0099	0.0736	0.0200	NS	NS	NS
Anthracene	<0.0020	0.215	0.0461	100,000	17,200	197.7273
Benzo (a) anthracene	<0.0099	0.384	**0.161** ●	2.11	0.148	NS
Benzo (a) Pyrene	<0.0099	0.415	**0.190** ●	0.211	0.015	0.47
Benzo (b) fluoranthene	<0.0028	*0.610* ▲	**0.248** ●	2.11	0.148	0.4793
Benzo (g,h,i) perylene	<0.0099	0.294	0.176	NS	NS	NS
Benzo (k) fluoranthene	<0.0099	0.282	0.183	21.1	1.48	NS
Chrysene	<0.0022	*0.482* ▲	*0.271* ▲	211	14.8	0.1446
Dibenz (a,h) anthracene	<0.0099	0.0993	**0.0555** ●	0.211	0.015	NS
Fluoranthene	<0.0099	0.813	0.386	22,000	2,290	88.8778
Fluorene	<0.0099	0.230	0.0134	22,000	2,290	14.8027
Indeno (1,2,3-cd) pyrene	<0.0099	0.273	0.146	2.11	0.148	NS
1-Methylnaphthalene	0.0656	0.252	0.0150	15.6	53.1	NS
2-Methylnaphthalene	0.0803	0.351	0.0216	2,200	229	NS
Naphthalene	0.468	0.268	0.0304	26	5.15	0.6582
Phenanthrene	<0.0025	0.767	0.125	NS	NS	NS
Pyrene	<0.0099	0.648	0.296	16,500	1,720	54.1322
Lead (mg/kg)				mg/kg	mg/kg	mg/kg
Lead	8.4	*427* ▲	*94.9* ▲	800	400	27

Notes:
Table includes detected analytes only.
● **Bold type** indicates concentration within the upper 4 feet of the subsurface exceeds the non-industrial direct contact RCL and, if applicable, the background level, thus constituting a soil standard exceedance.
■ **Bold type** indicates concentration within the upper 4 feet of the subsurface exceeds the industrial direct contact risk RCL and, if applicable, the background level, thus constituting a soil standard exceedance.

▲ *Italic type* indicates a concentration exceeds the groundwater protection RCL and, if applicable the background level, thus constituting a soil standard exceedance.
RCL - Residual Contaminant Level
PVOCs = Petroleum Volatile Organic Compounds
VOCs = Volatile Organic Compounds
PAHs - Polynuclear Aromatic Hydrocarbons
NS = No Standard
NA = Not Analyzed

Table A.6 (Page 1 of 1)
Groundwater Measurements
Parks Pioneer Silver Steel
Racine, WI

Measurement	Well ID, Date											
	MW-1		MW-2		MW-3		MW-4		MW-5		MW-6	
	6/6/14	6/3/98	6/6/14	12/2/97	6/6/14	7/9/98	6/6/14	3/23/01	6/6/14	6/3/98	6/6/14	3/2/00
Well Depth (ft)	13.85		13.21		16.49		14.99		14.99		15.95	
Depth to Groundwater Below TOC (ft)	3.50	3.54	3.21	3.27	4.99	5.05	2.44	3.19	2.95	3.62	8.42	4.79
Water Column (ft)	10.35	10.31	10.00	9.94	11.50	11.44	12.55	11.80	12.04	11.37	7.53	11.16

Notes:
The groundwater monitoring well elevations have not been surveyed.
TOC = Top of casing