Property Tax Record
CITY OF GREEN BAY
Brown County, Wisconsin
Parcel Number: 8-227

Information is as current as the postings of Saturday, February 01, 2014 at 1:10:49 AM. Note: Documents received prior to this date may be on hold or pending entry into the land records system.

Return to Search Results Print Tips

Property Information

Parcel Number	8-227
Owner Name	BROWN COUNTY TREASURER
Property Address	627 N IRWIN AV
Municipality	CT - CITY OF GREEN BAY
School District	2289 - GREEN BAY SCH DIST
Sanitary District	None
Special District(s)	None

Current Unofficial Valuation

Class	Acres	Land	Improvements	Total
None	0.000	0.00	0.00	0.00
All Classes	0.000	0.00	0.00	0.00

Legal Acres 0.000

Values are not official until new tax bills are issued in December.

Note: For a specific tax year valuation, select tax year from tax records available below.

Note: Legal Acres, as listed in the Property's Legal Description, may differ slightly from the Total Acres, or the sum of the acreage for all land classifications.

Mailing Address Information

BROWN COUNTY
PO BOX 23600
GREEN BAY WI 54305-3600

Reference Document

Document #: 2644022

Available Maps

View GIS Map

Tax Records Available

Tax Year

- ○ 2009
- ○ 2010
- ○ 2011
- ○ 2012
- ◉ 2013

View Tax Detail

Tax Detail may take a few moments to appear

Tax Legal Description

15,463 SQ FT

GOTTFRIED LEIDELS ADDN LOT 1 BLK B EX ST IN J13920-40

Note: May not be a full legal description

View Comments/History

Lauridsen, Keld B - DNR

From: Lauridsen, Keld B - DNR
Sent: Tuesday, April 29, 2014 1:04 PM
To: 'Kevin R. Eibenholzl'; reinhard_me@co.brown.wi.us
Cc: Bruce D. Meissner; Chronert, Roxanne N - DNR
Subject: RE: Q-Mart Convenience Store (former) - BRRTS # 03-05-555593

Kevin,

Thanks for the well abandonment forms and the follow-up clarification on waste disposal.

I will have this case converted to a No Action Required (NAR) case. The BRRTS number for the case file will be changed to **09**-05-555593. No more work is needed by Brown County. If any soil is excavated in the future, proper handling of any contaminated material is required.

Thanks to Brown County for their willingness to resolve the outstanding contamination issues related to the Leaking Underground Storage Tank system formerly located on the property.

-Keld

Keld B. Lauridsen
Hydrogeologist
Wisconsin Department of Natural Resources
2984 Shawano Avenue.
Green Bay, WI 54313-6727

Phone (920) 662-5420
Fax (920) 662-5197
E-mail Keld.Lauridsen@wisconsin.gov


dnr.wi.gov


We are committed to service excellence. To evaluate how I did, please visit:
https://5.selectsurvey.net/DNR/TakeSurvey.aspx?SurveyID=AWaReCSS

From: Kevin R. Eibenholzl [mailto:keibenholzl@releeinc.com]
Sent: Tuesday, April 29, 2014 10:22 AM
To: Lauridsen, Keld B - DNR
Cc: reinhard_me@co.brown.wi.us; Bruce D. Meissner; Chronert, Roxanne N - DNR
Subject: RE: Q-Mart Convenience Store (former) - BRRTS # 03-05-555593

Keld

That is correct. I dumped the drum of purge water on the concrete surface to volatilize. There was only approximately 6 gallons of purge water in the drum. There was a very limited amount of soil cutting generated during the Geoprobing that it was just left on-site in the vicinity of the boring.

Kevin R. Eibenholzl

Environmental Scientist

From: Lauridsen, Keld B - DNR [mailto:Keld.Lauridsen@wisconsin.gov]
Sent: Tuesday, April 29, 2014 10:18 AM
To: Kevin R. Eibenholzl
Cc: reinhard_me@co.brown.wi.us; Bruce D. Meissner; Chronert, Roxanne N - DNR
Subject: RE: Q-Mart Convenience Store (former) - BRRTS # 03-05-555593

Kevin,

Please confirm that any purge water was poured on the on-site impervious surface cover to allow for the low level contaminants to volatilize? Also, I assume that either no soil was generated during the well installation or the limited quantity was left on site in the area where the samples were collected?

Thanks,

-Keld

Keld B. Lauridsen
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Wisconsin Department of Natural Resources
2984 Shawano Avenue.
Green Bay, WI 54313-6727

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Cc: reinhard_me@co.brown.wi.us; Bruce D. Meissner; Chronert, Roxanne N - DNR
Subject: RE: Q-Mart Convenience Store (former) - BRRTS # 03-05-555593

Keld

Attached please find the abandonment forms for temporary wells TW-1 and TW-2 at the 627 N. Irwin Avenue Property. This should be the remaining information needed to make this a No Action Required case. Please let me know if you need any additional information from me. Thanks.

Kevin R. Eibenholzl
Environmental Scientist

From: Lauridsen, Keld B - DNR [mailto:Keld.Lauridsen@wisconsin.gov]
Sent: Friday, March 28, 2014 1:24 PM
To: Kevin R. Eibenholzl

Cc: reinhard_me@co.brown.wi.us; Bruce D. Meissner; Chronert, Roxanne N - DNR
Subject: Q-Mart Convenience Store (former) - BRRTS # 03-05-555593

Kevin,

I have reviewed the available soil and groundwater sampling results for the former Q-Mart Convenience Store and it looks very encouraging. The Department will be able to convert the existing Leaking Underground Storage Tank case to a No Action Required case. This will mean that no additional action is required by Brown County as the current owner.

There appears to be a limited quantity of soil contamination exceeding the generic groundwater pathway soil standard for benzene remaining in the vicinity of the former location of the dispensers. Groundwater sampling in this unpaved area confirmed no groundwater standard exceedances. Hence, the remaining soil impacts are considered below the site specific groundwater pathway soil standard for this site and no GIS listing with remaining contamination is required. If any impacted soil is excavated in the future, the property owner at that time will be required to handle the material properly.

I will await your submittal of the temporary well abandonment forms prior to creating the No Action required case.

Let me know if you or Brown County needs anything else from us.

Thanks,

-Keld

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Cc: reinhard_me@co.brown.wi.us; Bruce D. Meissner
Subject: 627 N. Irwin Street

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Attached please find the soil and groundwater data for the N. Irwin Street site for Brown County Treasurer. Kerry Blaney has now retired and Mary Reinhard is the new Brown County Treasurer. There were some detects in the groundwater, but nothing was above standards. I am also including the soil laboratory analytical results, which I had previously forwarded to you, and a copy of the soil boring logs for the two borings. Please let me know if you have any questions or if you would like to discuss. Thanks.

Kevin R. Eibenholzl

Environmental Scientist

Robert E. Lee & Associates, Inc.
1250 Centennial Centre Boulevard
Hobart, WI 54155

Office: (920) 662-9641
Fax: (920) 662-9141
Cell: (920) 227-7570

***please note our street address change to 1250 Centennial Centre Boulevard. Our office location did not move, but as part of the road reconstruction in the area the street name was changed.**

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08) Page 1 of 2

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with chs. 281, 289, 291-293, 295, and 299, Wis. Stats., failure to file this form may result in a forfeiture of between $10-25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on this form is not intended to be used for any other purpose. Return form to the appropriate DNR office and bureau. See instructions on reverse for more information.

☐ Verification Only of Fill and Seal

Route to:
☐ Drinking Water ☐ Watershed/Wastewater [X] Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. Well Location Information

County	Wi Unique Well # of Removed Well	Hicap #
BROWN		B-1 / TW-1

Latitude / Longitude (Degrees and Minutes) — Method Code (see instructions)
__ __ ° __ __ . __ __ __ 'N
__ __ ° __ __ . __ __ __ 'W

¼ / ¼ NW	¼ NE	Section	Township	Range
or Gov't Lot #		31	24 N	21 [X] E ☐ W

Well Street Address: 627 N. Irwin Avenue

Well City, Village or Town	Well ZIP Code
Green Bay	54302-

Subdivision Name	Lot #

Reason For Removal From Service	Wi Unique Well # of Replacement Well
Sampling Complete	

3. Well / Drillhole / Borehole Information

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

Original Construction Date (mm/dd/yyyy): 02/25/2014

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled [X] Driven (Sandpoint) ☐ Dug
☐ Other (specify):

Formation Type:
[X] Unconsolidated Formation ☐ Bedrock

Total Well Depth From Ground Surface (ft.)	Casing Diameter (in.)
12	1
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2	

Was well annular space grouted? ☐ Yes [X] No ☐ Unknown

If yes, to what depth (feet)?	Depth to Water (feet)

2. Facility / Owner Information

Facility Name: 627 N. Irwin Avenue
Facility ID (FID or PWS):
License/Permit/Monitoring #:
Original Well Owner: Brown County Treasurer
Present Well Owner:
Mailing Address of Present Owner: P.O. Box 23600

City of Present Owner	State	ZIP Code
Green Bay	WI	54305-

4. Pump, Liner, Screen, Casing & Sealing Material

Pump and piping removed?	☐ Yes	☐ No	[X] N/A
Liner(s) removed?	☐ Yes	☐ No	[X] N/A
Screen removed?	☐ Yes	[X] No	☐ N/A
Casing left in place?	☐ Yes	[X] No	☐ N/A
Was casing cut off below surface?	[X] Yes	☐ No	☐ N/A
Did sealing material rise to surface?	[X] Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	[X] No	☐ N/A
If yes, was hole retopped?	☐ Yes	☐ No	☐ N/A
If bentonite chips were used, were they hydrated with water from a known safe source?	☐ Yes	☐ No	☐ N/A

Required Method of Placing Sealing Material
[X] Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Clay-Sand Slurry (11 lb./gal. wt.)
☐ Sand-Cement (Concrete) Grout ☐ Bentonite-Sand Slurry " "
☐ Concrete ☐ Bentonite Chips

For Monitoring Wells and Monitoring Well Boreholes Only:
☐ Bentonite Chips ☐ Bentonite - Cement Grout
[X] Granular Bentonite ☐ Bentonite - Sand Slurry

5. Material Used To Fill Well / Drillhole

	From (ft.)	To (ft.)	Sacks Sealant	
Gravel	Surface	0.5		
Bentonite	0.5	12	0.3	

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing (mm/dd/yyyy)
Robert E. Lee & Associates, Inc.		04/23/2014

Street or Route	Telephone Number
1250 Centennial Centre Blvd	(920) 662-9641

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Hobart	WI	54155-	K. R. Lee	04/29/2014

DNR Use Only

Date Received	Noted By

Comments:

State of Wis., Dept. of Natural Resources
dnr.wi.gov

Well / Drillhole / Borehole Filling & Sealing

Form 3300-005 (R 4/08)

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Route to:
☐ Drinking Water ☐ Watershed/Wastewater [X] Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. Well Location Information

County	WI Unique Well # of Removed Well	Hicap #
BROWN		B-2 / TW-2

Latitude / Longitude (Degrees and Minutes) — Method Code (see instructions)
__ __ ° __ __ . __ __ __ 'N
__ __ ° __ __ . __ __ __ 'W

¼ / ¼	¼	Section	Township	Range	
NW	NE	31	24 N	21	[X] E ☐ W

or Gov't Lot #

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Green Bay	WI	54305-

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Pump and piping removed?	☐ Yes	☐ No	[X] N/A
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1250 Centennial Centre Blvd	(920) 662-9641

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
Hobart	WI	54155-	R. Lee	04/29/2014

DNR Use Only

Date Received	Noted By

Comments:

Lauridsen, Keld B - DNR

From: Kevin R. Eibenholzl <keibenholzl@releeinc.com>
Sent: Friday, March 28, 2014 2:41 PM
To: Lauridsen, Keld B - DNR
Cc: reinhard_me@co.brown.wi.us; Bruce D. Meissner; Chronert, Roxanne N - DNR
Subject: RE: Q-Mart Convenience Store (former) - BRRTS # 03-05-555593

Thanks Keld,

I will coordinate well abandonment and disposal of development water from the temp wells and forward documentation when the work is complete.

Kevin R. Eibenholzl
Environmental Scientist

From: Lauridsen, Keld B - DNR [mailto:Keld.Lauridsen@wisconsin.gov]
Sent: Friday, March 28, 2014 1:24 PM
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Environmental Scientist

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1250 Centennial Centre Boulevard
Hobart, WI 54155

Office: (920) 662-9641
Fax: (920) 662-9141
Cell: (920) 227-7570

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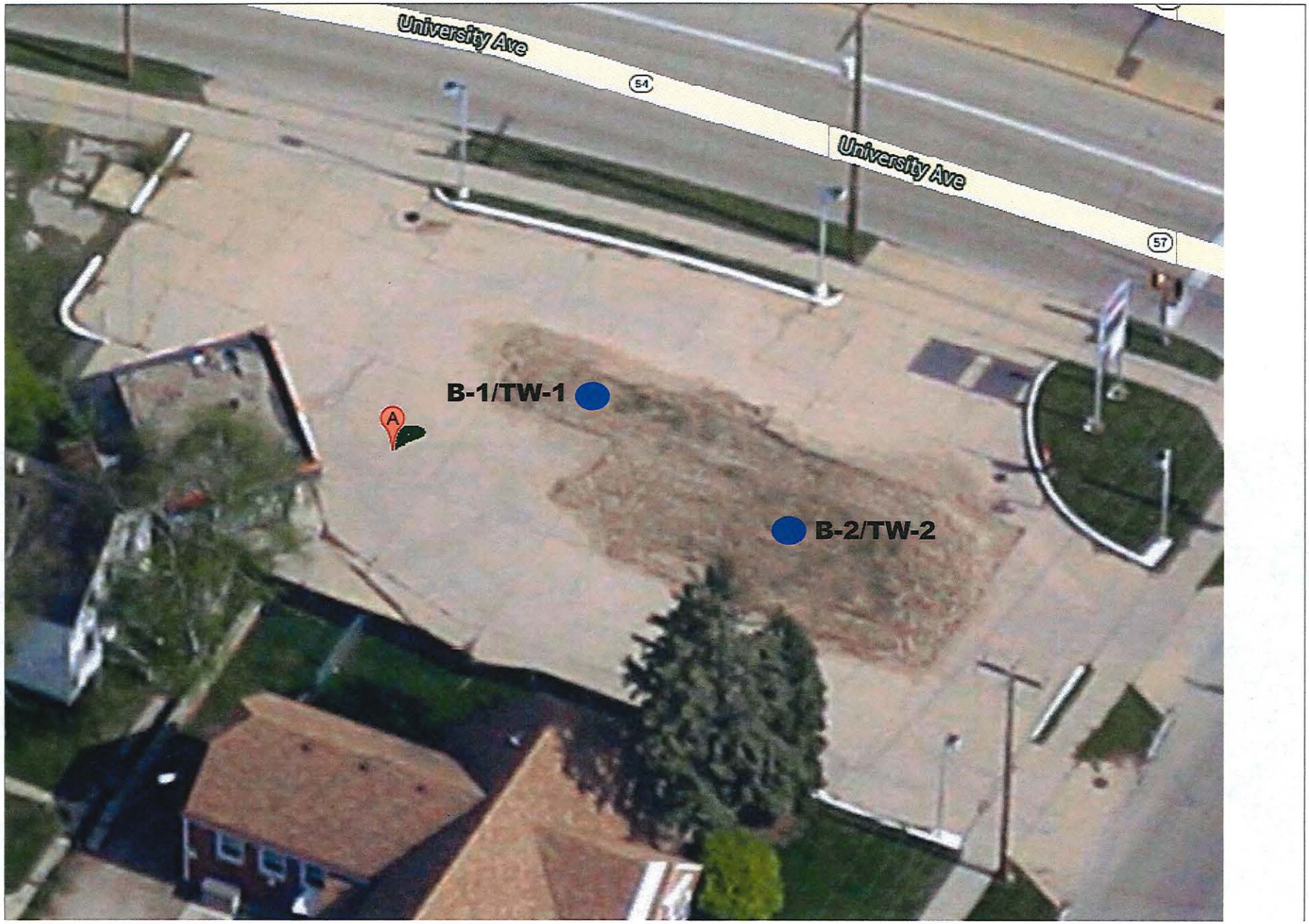
SOIL BORING AND TEMPORARY WELL LOCATIONS
627 N. Irwin Street

Google

LEGEND

B-1/TW-1 Soil Boring and Temporary Well Location



Synergy Environmental Lab, INC.

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

KEVIN EIBENHOLZL
ROBERT E. LEE & ASSOCIATES
1250 CENTENNIAL CENTRE BLVD
HOBART. WI 54155

Report Date *07-Mar-14*

Project Name 627 N. IRWIN AVE., **Invoice #** E26576
Project # 5467-001

Lab Code 5026576A
Sample ID B-1 (0-2)
Sample Matrix Soil
Sample Date 2/25/2014

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	93.3	%			1	5021		2/26/2014	MDK	1
Organic										
PVOC + Naphthalene + 1,2 DCA										
Benzene	29.7	ug/kg	9.2	29	1	8260B		3/6/2014	CJR	1
1,2-Dichloroethane	< 36	ug/kg	36	114	1	8260B		3/6/2014	CJR	1
Ethylbenzene	19.3 "J"	ug/kg	10	33	1	8260B		3/6/2014	CJR	1
Methyl tert-butyl ether (MTBE)	< 30	ug/kg	30	96	1	8260B		3/6/2014	CJR	1
Naphthalene	< 114	ug/kg	114	363	1	8260B		3/6/2014	CJR	1
Toluene	57 "J"	ug/kg	20	65	1	8260B		3/6/2014	CJR	1
1,2,4-Trimethylbenzene	< 26	ug/kg	26	81	1	8260B		3/6/2014	CJR	1
1,3,5-Trimethylbenzene	< 26	ug/kg	26	84	1	8260B		3/6/2014	CJR	1
m&p-Xylene	< 68	ug/kg	68	216	1	8260B		3/6/2014	CJR	1
o-Xylene	< 31	ug/kg	31	98	1	8260B		3/6/2014	CJR	1

< SSRCL AS GW NOT IMPACTED

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Code	*Comment*
1	Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature

R[illegible]ert E. Lee & Associates, Inc.
Eng[illegible]ring, Surveying, Environmental Services
4664 Golden Pond Park Court
Hobart, WI 54155
920.662.9041 FAX 920.662.9141

To ensure the [illegible]per handling of samples, please see the back for instructions.

CHAIN OF CUSTODY R[illegible]RD

COC # 201495

Client: Brown County Treasurer

Project Name: 627 N. Irwin Ave

Project Number: 5462-021 BID #:

Environmental Program:
☐ LUST ☐ SDWA ☐ WPDES ☐ RCRA ☐ OTHER ____

Requested Turnaround Time
☑ Normal (10-15 DAYS) ☐ Rush
Date Needed: ____
Rushes accepted only w/prior notification

*Preservation Code
N = Nitric Acid (red) O = Sodium Hydroxide
H = Hydrochloric Acid U = Unpreserved (white)
M = Methanol S = Sulfuric Acid (green)

Sampler: Kevin Eisenhauer

Sample Type (Matrix)
DW = Drinking Water
GW = Groundwater
WW = Wastewater
Soil, Oil, Sludge, Air, Other

Analyses Required:
(Note special detection limits or methods)

Filtered ? (Y / N)	—													
Preservation *(Code)	M	M	M											
No. Of Containers	2	X	X	X										
		PVOC	Naphthalene	1,2-DCA										

Sample Name	Date	Time	A/P	S/S	W/S	Sample Type	No. Of Containers	Laboratory Sample I.D.	Remarks:
B-1 (c-2)	2-25-14	1416	A P			Soil	2	502657-01A	
			A P						
			A P						
			A P						
			A P						
			A P						
			A P						
			A P						
			A P						
			A P						
			A P						
			A P						
			A P						

Report to: Kevin Eisenhauer
Company: Robert E. Lee & Assoc.
Address: 1250 Centennial Centre Blvd
Hobart, WI 54155
Telephone: (920) 662-9041

Invoice to: SAME
Company:
Address:
Telephone:

Relinquished By	Date	Time	Received By	Date	Time
1)		A/P			A/P
2)		A/P			A/P
3)		A/P			A/P
Received by Lab		8:00	2-26-14		A = AM P = PM

Laboratory Receiving Notes
Temperature of Contents ON ICE °C
Custody Seal Intact YES
Sample Condition
Sample pH

Synergy Environmental Lab, INC.

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

KEVIN EIBENHOLZL
ROBERT E. LEE & ASSOCIATES
1250 CENTENNIAL CENTRE BLVD
HOBART, WI 54155

Report Date *25-Mar-14*

Project Name BROWN CTY TREASURER **Invoice #** E26680
Project # 5467-001

Lab Code 5026680A
Sample ID TW-1
Sample Matrix Water
Sample Date 3/18/2014

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene + 1,2 DCA										
Benzene	< 0.24	ug/l	0.24	0.77	1	8260B		3/24/2014	CJR	1
1,2-Dichloroethane	< 0.41	ug/l	0.41	1.3	1	8260B		3/24/2014	CJR	1
Ethylbenzene	< 0.55	ug/l	0.55	1.7	1	8260B		3/24/2014	CJR	1
Methyl tert-butyl ether (MTBE)	0.53 "J"	ug/l	0.23	0.74	1	8260B		3/24/2014	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.5	1	8260B		3/24/2014	CJR	1
Toluene	< 0.69	ug/l	0.69	2.2	1	8260B		3/24/2014	CJR	1
1,2,4-Trimethylbenzene	< 2.2	ug/l	2.2	6.9	1	8260B		3/24/2014	CJR	1
1,3,5-Trimethylbenzene	< 1.4	ug/l	1.4	4.5	1	8260B		3/24/2014	CJR	1
m&p-Xylene	< 0.69	ug/l	0.69	2.2	1	8260B		3/24/2014	CJR	1
o-Xylene	< 0.63	ug/l	0.63	2	1	8260B		3/24/2014	CJR	1

Lab Code 5026680B
Sample ID TW-2
Sample Matrix Water
Sample Date 3/18/2014

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene + 1,2 DCA										
Benzene	0.37 "J"	ug/l	0.24	0.77	1	8260B		3/24/2014	CJR	1
1,2-Dichloroethane	< 0.41	ug/l	0.41	1.3	1	8260B		3/24/2014	CJR	1
Ethylbenzene	6.6	ug/l	0.55	1.7	1	8260B		3/24/2014	CJR	1
Methyl tert-butyl ether (MTBE)	0.49 "J"	ug/l	0.23	0.74	1	8260B		3/24/2014	CJR	1
Naphthalene	4.1 "J"	ug/l	1.7	5.5	1	8260B		3/24/2014	CJR	1
Toluene	< 0.69	ug/l	0.69	2.2	1	8260B		3/24/2014	CJR	1
1,2,4-Trimethylbenzene	53	ug/l	2.2	6.9	1	8260B		3/24/2014	CJR	1
1,3,5-Trimethylbenzene	16.3	ug/l	1.4	4.5	1	8260B		3/24/2014	CJR	1
m&p-Xylene	6.2	ug/l	0.69	2.2	1	8260B		3/24/2014	CJR	1
o-Xylene	< 0.63	ug/l	0.63	2	1	8260B		3/24/2014	CJR	1

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Code	*Comment*
1	Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature

R[illegible]ert E. Lee & Associates, Inc.
En[illegible]ring, Surveying, Environmental Services
4664 Golden Pond Park Court
Hobart, WI 54155
920.662.9641 FAX 920.662.9141

To ensure the [illegible]per handling of samples, please see the back for instructions.

CHAIN OF CUSTODY R[illegible]RD

COC # 201498

Client: Brown County Treasurer
Project Name: ~~5467 [illegible]~~ 627 N Irwin St.
Project Number: 5467-001 BID #:

Environmental Program: ☐ LUST ☐ SDWA ☐ WPDES ☐ RCRA ☐ OTHER ____

Requested Turnaround Time: ☒ Normal (10-15 DAYS) ☐ Rush
Date Needed: 3-28-14
Rushes accepted only w/prior notification

*Preservation Code
N = Nitric Acid (red) O = Sodium Hydroxide
H = Hydrochloric Acid U = Unpreserved (white)
M = Methanol S = Sulfuric Acid (green)

Sampler: Kevin R. [illegible]

Sample Type (Matrix): DW = Drinking Water, GW = Groundwater, WW = Wastewater, Soil, Oil, Sludge, Air, Other.

Analyses Required: (Note special detection limits or methods)

	PVOCs	Naphthalene	1,2 DCA
Filtered? (Y/N)	N	N	
Preservation (Code)	H	H	

Sample Name	Date	Time	A/P	Comp	Grab	Sample Type (Matrix)	No. Of Containers	PVOCs	Naphthalene	1,2 DCA	Laboratory Sample I.D.	Remarks
TW-1	3-18-14	1503			X	GW		X	X	X	50266801A	
TW-2	3-18-14	1511			X	GW		X	X	X	B	

Report to: Kevin [illegible]
Company: Robert E. Lee & Assoc.
Address: 4664 Golden Pond Park Ct, Hobart WI 54155
Telephone: (920) 662-9641

Invoice to: SAME
Company:
Address:
Telephone:

	Relinquished By	Date	Time	Received By	Date	Time
1)	[signature]		A/P			A/P
2)			A/P			A/P
3)			A/P			A/P

Received by Lab: [signature] 8:00 3-19-14

A = AM P = PM

Laboratory Receiving Notes
Temperature of Contents: on ice °C
Custody Seal Intact: yes
Sample Condition:
Sample pH:

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION
Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other [x] _____

Page 1 of _____

Facility/Project Name: 627 North Irwin Avenue	License/Permit/Monitoring Number	Boring Number: B-1	
Boring Drilled By: Name of crew chief (first, last) and Firm First Name: Dan Last Name: Eichsteadt Firm: Robert E. Lee & Associates, Inc.	Date Drilling Started: 02/25/2014	Date Drilling Completed: 02/25/2014	Drilling Method: Geoprobe
WI Unique Well No.	DNR Well ID No.	Well Name: TW-1	Final Static Water Level: _____ Feet MSL
Surface Elevation: _____ Feet MSL	Borehole Diameter: 2 inches		
Local Grid Origin [x] (estimated: ☐) or Boring Location ☐ State Plane _____ N, _____ E NW 1/4 of NE 1/4 of Section 31, T 24 N, R 21 E	Lat ° ' " Long ° ' "	Local Grid Location ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W	
Facility ID	County: Brown	County Code: 5	Civil Town/City/ or Village: City of Green Bay

Sample Number and Type	Sample 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
			0	0.0 - 3.0 SAND-brown, fine grained, loose, trace concrete chunks in upper 12 inches, no odor, dry	SP			9.5						* Lab Sample (2-4 fbg)
			2											
				3.0 - 4.0 SAND-light brown, fine grained, loose, no odor, dry	SP			0.9						
			4	4.0 - 6.5 SAND-light brown, fine grained, loose, no odor, moist	SP			0.9						
			6											
				6.5 - 7.5 SAND-light brown, fine to coarse grained, with shell fragments, wet at 7 fbg	SP			3.8						
			8	7.5 - 8.0 CLAY-dark brown, very dense, faint petroleum odor, wet	CL									
				8.0 - 10.0 CLAY-dark brown, very dense, low plasticity, no odor, wet	CL			2.9						
			10	10.0 - 12.0 CLAY-dark brown, very dense, low plasticity, no odor, wet	CL			1.9						
			12	12.0 - 12.1 End of boring at 12 fbg										

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

Signature _____ Firm: Robert E. Lee & Associates, Inc.

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in 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 this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

SOIL BORING LOG INFORMATION

Form 4400-122 Rev. 7-98

Route To: Watershed/Wastewater ☐ Waste Management ☐
Remediation/Revelopment ☐ Other [x] _____

Page 1 of _____

Facility/Project Name: 627 North Irwin Avenue	License/Permit/Monitoring Number	Boring Number: B-2
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: Dan Last Name: Eichsteadt — Firm: Robert E. Lee & Associates, Inc.	Date Drilling Started: 02 / 25 / 2014 (m m / d d / y y y y)	Date Drilling Completed: 02 / 25 / 2014 (m m / d d / y y y y) — Drilling Method: Geoprobe
WI Unique Well No.	DNR Well ID No.	Well Name: TW-2 — Final Static Water Level: _____ Feet MSL — Surface Elevation: _____ Feet MSL — Borehole Diameter: 2 inches
Local Grid Origin [x] (estimated: ☐) or Boring Location ☐ — State Plane _____ N, _____ E — NW 1/4 of NE 1/4 of Section 31, T 24 N, R 21 E	Lat ° ' " — Long ° ' "	Local Grid Location: ☐ N ☐ E _____ Feet ☐ S _____ Feet ☐ W
Facility ID	County: Brown	County Code: 5 — Civil Town/City/ or Village: City of Green Bay

Sample Number and Type	Sample 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
			2	0.0 - 2.0 SAND-brown, fine grained, loose, with concrete chunks, no odor, moist	SP			2.0						
			4	2.0 - 4.0 SAND-brown, fine grained, loose, with concrete chunks, no odor, moist	SP			1.9						
			6	4.0 - 7.0 SAND-brown, fine grained, with concrete chunks, no odor, moist	SP			3.1						
			8	7.0 - 8.0 SAND-brown, fine grained, with medium gravel, well graded, loose, no odor, wet at 7 fbg.	SP			2.1						
			10	8.0 - 10.0 SAND-brown, fine grained, with trace medium gravel, moderate petroleum odor, wet	SP			191.6						
			12	10.0 - 12.0 SAND-brown, fine grained, with trace medium gravel, faint petroleum odor, wet	SP			12.7						
				12.0 - 12.1 End of boring at 12 fbg.										

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

Signature: Dan Lee — Firm: Robert E. Lee & Associates, Inc.

This form is authorized by Chapters 281, 283, 289, 291, 292, 293, 295, and 299, Wis. Stats. Completion of this form is mandatory. Failure to file this form may result in 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 this form is not intended to be used for any other purpose. NOTE: See instructions for more information, including where the completed form should be sent.

Lauridsen, Keld B - DNR

From: Lauridsen, Keld B - DNR
Sent: Wednesday, April 17, 2013 4:40 PM
To: Danelski, Denise D - DNR
Cc: Weissbach, Annette E - DNR
Subject: LUST sites on Irwin and Main Street

I just discussed the two LUST sites listed below w/ Jami Harrington of the City of Green Bay. Both sites have had no progress for a while and I would like to try to move them forward. Wondering if the City would have any EPA assessment funds left?

Petro Mart LLC (former) at 1739 Main Street (BRRTS # 03-05-555528)
Q-Mart Convenience Store (former) at 627 N. Irwin Street (BRRTS # 03-05-555593)

Per Jami, the current EPA funds have been spent. Currently waiting for a response back from EPA regarding a new application for assessment funds. The City would have an interest in both of these properties and they are on Jami's radar. Sounds like the City would have to take ownership of the properties through Brown County, before the County would allow access for any sampling. Obviously, Jami is aware of the potential for an LGU exemption and if the City was to acquire the properties, proper steps would be taken to ensure that the City would have the exemption.

Let me know if you need anything else.

-Keld

Keld B. Lauridsen
Hydrogeologist
Wisconsin Department of Natural Resources
2984 Shawano Avenue.
Green Bay, WI 54313-6727

Phone (920) 662-5420
Fax (920) 662-5197
E-mail Keld.Lauridsen@wisconsin.gov

Find us at http://dnr.wi.gov/ and www.facebook.com/WIDNR

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
Northeast Region Headquarters
2984 Shawano Avenue
Green Bay WI 54313-6727

Scott Walker, Governor
Cathy Stepp, Secretary
Jean Romback-Bartels, Acting Regional Dir.
Telephone 920-662-5100
FAX 920-662-5413
TTY Access via relay - 711

April 11, 2012

Easy Equity LLC
Attn: Michael J. Quint
1405 Cherry Street
Manitowoc, WI 54220

SUBJECT: **Second Notice of Non-compliance**
Q-Mart Convenience Store, 627 North Irwin Street, Green Bay, Wisconsin
WDNR BRRTS #: 03-05-555593

Dear Mr. Quint:

The Wisconsin Department of Natural Resources sent you a notice of non-compliance letter dated August 24, 2011, stating that you must update the Department on the status of the above referenced case within 14 days. To date the Department has not received any correspondence in writing from you regarding the progress for this case.

Within 14 days of this letter, please provide the Department with a letter detailing the status of this case. Failure to do so will result in further enforcement action.

If you do not respond to this letter the Department will issue a notice of violation (NOV). You will be requested to attend an enforcement conference to discuss the status of the above referenced case.

If you have any questions or comments regarding this matter, please contact me in Green Bay at (920) 662-5420.

Sincerely,

Keld B. Lauridsen
Hydrogeologist
Remediation & Redevelopment Program

cc: Robert Herubin, NRP Environmental Consultants, Inc. (ecopy - bobh@nrpconsultants.com)

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
Northeast Region Headquarters
2984 Shawano Avenue
Green Bay WI 54313-6727

Scott Walker, Governor
Cathy Stepp, Secretary
Jean Romback-Bartels, Acting Regional Dir.
Telephone 920-662-5100
FAX 920-662-5413
TTY Access via relay - 711

August 24, 2011

Easy Equity LLC
Attn: Michael J. Quint
1405 Cherry Street
Manitowoc, WI 54220

SUBJECT: **Notice of Non-compliance**
Q-Mart Convenience Store, 627 North Irwin Street, Green Bay, Wisconsin
WDNR BRRTS #: 03-05-555593

Dear Mr. Quint:

The Wisconsin Department of Natural Resources sent you a letter dated December 7, 2010, stating that you must update the Department on the status of the above referenced case within 14 days. To date the Department has not received any correspondence from you regarding this case.

Within 14 days of this letter, please provide the Department with a letter detailing the status of this case. Failure to do so will result in further enforcement action.

If you do not respond to this letter the Department will issue a notice of violation (NOV). You will be requested to attend an enforcement conference to discuss the status of the above referenced case.

If you have any questions or comments regarding this matter, please contact me in Green Bay at (920) 662-5420.

Sincerely,

Keld B. Lauridsen
Hydrogeologist
Remediation & Redevelopment Program

cc: Robert Herubin, NRP Environmental Consultants, Inc. (ecopy - bobh@nrpconsultants.com)

Received 1/11/11

NRP ENVIRONMENTAL CONSULTANTS INC.

2357 Pamperin Road • Suite 2 • Green Bay, WI 54313-8929
(920) 662-9212 • Fax: (920) 434-6464 • NRPConsultants@aol.com

September 17, 2007

Mr. Michael J.Quint D/B/A/
Q-Mart Convenience Centers LLC
1405 Cherry RD
Manitowoc. WI 54220-1918

RE: Report of Field Work – Q-Mart 627 North Irwin Avenue(1270 University Avenue), Green Bay

Dear Mr. Quint:

At your request, we have completed a Phase 2 Environmental Site Assessment on this property. The property is currently a gas station/convenience store. Currently there are three Underground Storage Tanks (USTs) on-site. Specifically there are three 7,500 gallon unleaded tanks in service at this site.

A Phase 2 environmental assessment was performed on August 22, 2007 and subsequent groundwater sampling on September 5, 2007. The Phase 2 was to assess if there are impacts of the environmental contamination associated with the fuel delivery system that is on the property.

Four soil borings were constructed with a truck mounted Geoprobe drilling rig. Attached is a map with the boring locations identified. Representative soil samples were collected by pushing a 1.75-inch diameter sampling tube lined with a disposable plastic insert. The sampling point was decontaminated between sampling events. A groundwater sample was collected from all GP-1 and GP-2 using temporary monitoring wells. In the original proposal there was costs for only one water sample. During the investigation work , it was decided that collection of an additional water sample would be prudent. An additional temporary well was installed, however, a water sample could not be collected that day due to the low hydraulic conductivity of the soil. Sample collection required an additional site visit.

The locations of the borings were chosen to collect groundwater and soil samples all around the potential source. Upon observation of the local topography and drainage, and the proximity of East River, Fox River and the Bay of Green Bay, it is reasonable to assume that the groundwater is flowing in a north-northwest direction. There are several utilities on and near the site that may affect groundwater flow. Groundwater is approximately six to eight feet below grade. The soils encountered were light brown silty sand (possibly fill) over-laying red/brown silty clay with pebbles and larger stones.

2/11/11 @ 16:30
Talked to Mr. Quint. He will contact consultant to have additional work done.

RESULTS

With regard to soil - samples that were collected for laboratory analysis were field preserved with methanol for Volatile Organic Compound (VOC) and Petroleum Volatile Organic Compounds (PVOC) analysis. ***The laboratory results report no petroleum compounds, with the exception of MTBE in 3 7-8, above the laboratory method detection limit, in any of the soil samples collected.*** After completion of the borings, the boreholes were sealed with bentonite granules. Please see Table I below and attached laboratory data sheets and chain of custody records for additional information.

TABLE I
SOIL BORING SAMPLING SUMMARY - LABORATORY RESULTS

Boring ID	Sample ID	Sample Depth Below Surface (ft)	GRO	BENZ	TOLU	E. BENZ	XYLE	MTBE
AUGUST 22. 2007								
GP-1	1 10-12	10 - 12	<3.0	<25	<25	<25	<50	<25
GP-2	2 10-12	10-12	<2.9	<25	<25	<25	<50	<25
GP-3	3 7-8	7 - 8	<2.9	<25	<25	<25	<50	290
GP-4	4 7.5	7.5	<2.9	<25	<25	<25	<50	<25

NOTES:

GRO reported in ppm
PVOC and VOC compounds are in g/L micrograms per liter or parts per billion (ppb)

With regard to the groundwater - ***there was only one petroleum compound (naphthalene), detected above the laboratory method detection limit, in the groundwater samples collected.*** The level of naphthalene is below the PAL and is not of great concern. Please see Table II below and the attached laboratory data sheets and chain of custody records for detailed information.

TABLE II
SUMMARY OF GROUNDWATER ANALYSIS RESULTS FROM MONITORING WELLS

Parameter (ppb)	8/22/07	09/05/07	WDNR PAL	WDNR ES
	GP1	GP2		
BENZENE	ND	ND	0.5	5
ETHYLBENZENE	.67 Q	ND	140	700
MTBE	ND	ND	12	60
TOLUENE	.96 Q	ND	200	1000
NAPHTHALENE	2.8	ND	8	40
TRIMETHYLBENZENES	3.2Q	ND	96	480
TOTAL XYLENES	3.2Q	ND	1000	10000

PVOC and VOC compounds are in g/L micrograms per liter or parts per billion (ppb)
ND = not detected above the LOD
Q = detected above the LOD but below the LOQ

Upon review of the available information there appear to be no significant impacts of petroleum in the areas of the site that were investigated. There may be petroleum contamination very near the tank system or other inaccessible areas. If you have any questions or comments, please call (920) 662 - 9212.

Sincerely,

NRP ENVIRONMENTAL CONSULTANTS, INC.

Robert C. Herubin, P.G.
Senior Hydrogeologist

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 888014

Client: NRP ENVIRONMENTAL CONSULTANTS **Lab Contact:** Eric Wied

Project Name: Q MART

Project Number: 6627

Lab Sample Number	Field ID	Matrix	Collection Date
888014-001	GP-2	WATER	09/05/07 11:00
888014-002	TRIP	WATER	09/05/07

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

REPORT OF LABORATORY ANALYSIS

ACCREDITED IN ACCORDANCE WITH nelac

E. Wied 09.10.07

Approval Signature Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 888014

Client : NRP ENVIRONMENTAL CONSULTANTS
Project Name : Q MART
Project Number : 6627
Field ID : GP-2

Matrix Type : WATER
Collection Date : 09/05/07
Report Date : 09/10/07
Lab Sample Number : 888014-001

PVOC + NAPHTHALENE

Prep Date/Time: 09/07/07 4:34 PM **Anl By:** SES

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,2,4-Trimethylbenzene	< 0.39	0.39	1.3		1	ug/L		09/07/07 4:34 PM	SW846 5030B	SW846 8021B
1,3,5-Trimethylbenzene	< 0.40	0.40	1.3		1	ug/L		09/07/07 4:34 PM	SW846 5030B	SW846 8021B
Benzene	< 0.14	0.14	0.46		1	ug/L		09/07/07 4:34 PM	SW846 5030B	SW846 8021B
Ethylbenzene	< 0.40	0.40	1.3		1	ug/L		09/07/07 4:34 PM	SW846 5030B	SW846 8021B
Methyl-tert-butyl-ether	< 0.36	0.36	1.2		1	ug/L		09/07/07 4:34 PM	SW846 5030B	SW846 8021B
Naphthalene	< 0.47	0.47	1.6		1	ug/L		09/07/07 4:34 PM	SW846 5030B	SW846 8021B
Toluene	< 0.36	0.36	1.2		1	ug/L		09/07/07 4:34 PM	SW846 5030B	SW846 8021B
Xylene, m + p	< 0.74	0.74	2.5		1	ug/L		09/07/07 4:34 PM	SW846 5030B	SW846 8021B
Xylene, o	< 0.36	0.36	1.2		1	ug/L		09/07/07 4:34 PM	SW846 5030B	SW846 8021B
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	99	80	124		1	%		09/07/07	SW846 5030B	SW846 8021B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 888014

Client : NRP ENVIRONMENTAL CONSULTANTS
Project Name : Q MART
Project Number : 6627
Field ID : TRIP

Matrix Type : WATER
Collection Date : 09/05/07
Report Date : 09/10/07
Lab Sample Number : 888014-002

PVOC + NAPHTHALENE

Prep Date/Time: 09/07/07 5:00 PM **Anl By:** SES

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,2,4-Trimethylbenzene	< 0.39	0.39	1.3		1	ug/L		09/07/07 5:00 PM	SW846 5030B	SW846 8021B
1,3,5-Trimethylbenzene	< 0.40	0.40	1.3		1	ug/L		09/07/07 5:00 PM	SW846 5030B	SW846 8021B
Benzene	< 0.14	0.14	0.46		1	ug/L		09/07/07 5:00 PM	SW846 5030B	SW846 8021B
Ethylbenzene	< 0.40	0.40	1.3		1	ug/L		09/07/07 5:00 PM	SW846 5030B	SW846 8021B
Methyl-tert-butyl-ether	< 0.36	0.36	1.2		1	ug/L		09/07/07 5:00 PM	SW846 5030B	SW846 8021B
Naphthalene	< 0.47	0.47	1.6		1	ug/L		09/07/07 5:00 PM	SW846 5030B	SW846 8021B
Toluene	< 0.36	0.36	1.2		1	ug/L		09/07/07 5:00 PM	SW846 5030B	SW846 8021B
Xylene, m + p	< 0.74	0.74	2.5		1	ug/L		09/07/07 5:00 PM	SW846 5030B	SW846 8021B
Xylene, o	< 0.36	0.36	1.2		1	ug/L		09/07/07 5:00 PM	SW846 5030B	SW846 8021B
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	98	80	124		1	%		09/07/07	SW846 5030B	SW846 8021B

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the CCV standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Test Group Name	888014-001	888014-002
PVOC + NAPHTHALENE	G	G

Code	WI Certification
G	405132750

Pace Analytical Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 888014
Lab Section: GAS
QC Batch Number: 24521
Prep Method: SW846 5030B
Analytical Method: SW846 8021B

QC Type	Client Sample ID	Lab Sample ID
MB	GG2292-33MB	GG2292-33MB
LCS	GG2292-33MBLCS	GG2292-33MBLCS
LCSD	GG2292-33MBLCSD	GG2292-33MBLCSD

Client Sample ID	Lab Sample ID	MB ID
GP-2	888014-001	MB
TRIP	888014-002	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
1,2,4-Trimethylbenzene	<	0.39	20.0	20.3	101		20.0	20.4	102		0.5			82	115	20	---	---	---	---	---		---	---	---		---			---	---	---
1,3,5-Trimethylbenzene	<	0.4	20.0	20.3	101		20.0	20.4	102		0.5			83	115	20	---	---	---	---	---		---	---	---		---			---	---	---
Benzene	<	0.14	20.0	20.9	105		20.0	20.9	104		0.4			85	115	20	---	---	---	---	---		---	---	---		---			---	---	---
Ethylbenzene	<	0.4	20.0	20.5	103		20.0	20.6	103		0.3			85	115	20	---	---	---	---	---		---	---	---		---			---	---	---
Methyl-tert-butyl-ether	<	0.36	20.0	20.8	104		20.0	20.7	104		0.5			82	116	20	---	---	---	---	---		---	---	---		---			---	---	---
Naphthalene	<	0.47	20.0	18.9	94		20.0	19.5	98		3.2			75	120	20	---	---	---	---	---		---	---	---		---			---	---	---
Toluene	<	0.36	20.0	20.8	104		20.0	20.9	104		0.5			85	115	20	---	---	---	---	---		---	---	---		---			---	---	---
Xylene, m + p	<	0.74	40.0	40.4	101		40.0	40.5	101		0.4			85	115	20	---	---	---	---	---		---	---	---		---			---	---	---
Xylene, o	<	0.36	20.0	19.9	100		20.0	20	100		0.4			85	115	20	---	---	---	---	---		---	---	---		---			---	---	---
a,a,a-Trifluorotoluene		98%	---	---	98		---	---	98		---			80	124	---	---	---	---	---	---		---	---	---		---			---	---	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 9/10/2007
QC Batch Number: 24521

Sample Condition Upon Receipt

PaceAnalytical®

Client Name: NRP **Project #** 888014

Optional:
Proj. Due Date:
Proj. Name:

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☒ Client ☐ Commercial ☐ Pace Other ______

Tracking #: ______

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

Packing Material: ☐ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other ______

Thermometer Used N/A **Type of Ice:** (Wet) Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature RCF **Biological Tissue is Frozen:** Yes No

Temp should be above freezing to 6°C

Date and Initials of person examining contents: 9/5/07 [initials] 9/5/07 [initials]

		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: -Includes date/time/ID/Analysis Matrix: W	☒Yes ☐No ☐N/A	12.
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. H_2O HCL / PACE
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:** 09-06-07

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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F-ALLC003rev.3, 11September2006

Pace Analytical®
www.pacelabs.com

MN: 612-607-1700 WI: 920-469-2436

COC No. 029791

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

Company Name:	NRP
Branch/Location:	
Project Contact:	Bob
Phone:	339-9212
Project Number:	6627
Project Name:	Q Mart
Project State:	WI
Sampled By (Print):	Kathryn
Sampled By (Sign):	
PO #:	
Regulatory Program:	

Quote #:	
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	W = Water
B = Biota	DW = Drinking Water
C = Charcoal	GW = Ground Water
O = Oil	SW = Surface Water
S = Soil	WW = Waste Water
SI = Sludge	WP = Wipe

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX
01	GP-2	9/5/07	11:00	
02	trip	9/5/07		

FILTERED? (YES/NO) — Y/N
PRESERVATION (CODE)* — Pick Letter
Analyses Requested: 8260 VOC + N; ✓; ✓

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
	2-40 mL	
	2-40 mL	

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

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

Email #1:	
Email #2:	
Telephone:	
Fax:	

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
	9/5/07 1205	L. Mann	9/5/07 12:05

PACE Project No. 888014

Receipt Temp = 1.0 °C

Sample Receipt pH OK / Adjusted

Cooler Custody Seal: Present / Not Present; Intact / Not Intact

Version 6.0 06/14/06

ORIGINAL

C019a(27 Jun2006)

Pace Analytical®

1241 Bellevue Street, Suite 9
Green Bay, WI 54302
920-469-2436, Fax: 920-469-8827

Analytical Report Number: 887520

Client: NRP ENVIRONMENTAL CONSULTANTS **Lab Contact:** Eric Wied

Project Name: QMART G.B.

Project Number:

Lab Sample Number	Field ID	Matrix	Collection Date
887520-001	2 10-12	SOIL	08/22/07
887520-002	1 10-12	SOIL	08/22/07
887520-003	3 7-8	SOIL	08/22/07
887520-004	4 7.5	SOIL	08/22/07
887520-005	GP-1 WATER	WATER	08/22/07
887520-006	TRIP MEOH	METH	08/22/07
887520-007	TRIP H2O	WATER	08/22/07

I certify that the data contained in this Final Report has been generated and reviewed in accordance with approved methods and Laboratory Standard Operating Procedure. Exceptions, if any, are discussed in the accompanying sample comments. Release of this final report is authorized by Laboratory management, as is verified by the following signature. This report shall not be reproduced, except in full, without the written consent of Pace Analytical Services, Inc. The sample results relate only to the analytes of interest tested.

Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

REPORT OF LABORATORY ANALYSIS

ACCREDITED IN ACCORDANCE WITH nelac

E. Wied 08.29.07

Approval Signature Date

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 887520

Client : NRP ENVIRONMENTAL CONSULTANTS
Project Name : QMART G.B.
Project Number :
Field ID : 2 10-12

Matrix Type : SOIL
Collection Date : 08/22/07
Report Date : 08/28/07
Lab Sample Number : 887520-001

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Percent Solids	87.1				1	%		08/28/07	SM M2540G	SM M2540G
								Prep Date/Time:		**Anl By:** kloch

GASOLINE RANGE ORGANICS

Prep Date/Time: 08/23/07 1:29 PM **Anl By:** PMS

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Gasoline Range Organics	< 2.9			2.9	50	mg/Kg		08/24/07 3:43 AM	WI MOD GRO	WI MOD GRO

PVOC

Prep Date/Time: 08/23/07 1:29 PM **Anl By:** PMS

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/24/07 3:43 AM	SW846 5030B	SW846 8021B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/24/07 3:43 AM	SW846 5030B	SW846 8021B
Benzene	< 25	25	60		50	ug/Kg		08/24/07 3:43 AM	SW846 5030B	SW846 8021B
Ethylbenzene	< 25	25	60		50	ug/Kg		08/24/07 3:43 AM	SW846 5030B	SW846 8021B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg		08/24/07 3:43 AM	SW846 5030B	SW846 8021B
Toluene	< 25	25	60		50	ug/Kg		08/24/07 3:43 AM	SW846 5030B	SW846 8021B
Xylene, m + p	< 50	50	120		50	ug/Kg		08/24/07 3:43 AM	SW846 5030B	SW846 8021B
Xylene, o	< 25	25	60		50	ug/Kg		08/24/07 3:43 AM	SW846 5030B	SW846 8021B
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	96	80	119		1	%		08/24/07	SW846 5030B	SW846 8021B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 887520

Client : NRP ENVIRONMENTAL CONSULTANTS
Project Name : QMART G.B.
Project Number :
Field ID : 1 10-12

Matrix Type : SOIL
Collection Date : 08/22/07
Report Date : 08/28/07
Lab Sample Number : 887520-002

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Percent Solids	84.1				1	%		08/28/07	SM M2540G	SM M2540G
								Prep Date/Time:		**Anl By:** kloch

GASOLINE RANGE ORGANICS

Prep Date/Time: 08/23/07 1:29 PM **Anl By:** PMS

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Gasoline Range Organics	< 3.0			3.0	50	mg/Kg		08/24/07 4:08 AM	WI MOD GRO	WI MOD GRO

PVOC

Prep Date/Time: 08/23/07 1:29 PM **Anl By:** PMS

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/24/07 4:08 AM	SW846 5030B	SW846 8021B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/24/07 4:08 AM	SW846 5030B	SW846 8021B
Benzene	< 25	25	60		50	ug/Kg		08/24/07 4:08 AM	SW846 5030B	SW846 8021B
Ethylbenzene	< 25	25	60		50	ug/Kg		08/24/07 4:08 AM	SW846 5030B	SW846 8021B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg		08/24/07 4:08 AM	SW846 5030B	SW846 8021B
Toluene	< 25	25	60		50	ug/Kg		08/24/07 4:08 AM	SW846 5030B	SW846 8021B
Xylene, m + p	< 50	50	120		50	ug/Kg		08/24/07 4:08 AM	SW846 5030B	SW846 8021B
Xylene, o	< 25	25	60		50	ug/Kg		08/24/07 4:08 AM	SW846 5030B	SW846 8021B
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	97	80	119		1	%		08/24/07	SW846 5030B	SW846 8021B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 887520

Client : NRP ENVIRONMENTAL CONSULTANTS
Project Name : QMART G.B.
Project Number :
Field ID : 3 7-8

Matrix Type : SOIL
Collection Date : 08/22/07
Report Date : 08/28/07
Lab Sample Number : 887520-003

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Percent Solids	87.7				1	%		08/28/07	SM M2540G	SM M2540G
								Prep Date/Time:		**Anl By:** kloch

GASOLINE RANGE ORGANICS

Prep Date/Time: 08/23/07 1:29 PM **Anl By:** PMS

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Gasoline Range Organics	< 2.9			2.9	50	mg/Kg		08/24/07 4:34 AM	WI MOD GRO	WI MOD GRO

PVOC

Prep Date/Time: 08/23/07 1:29 PM **Anl By:** PMS

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/24/07 4:34 AM	SW846 5030B	SW846 8021B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/24/07 4:34 AM	SW846 5030B	SW846 8021B
Benzene	< 25	25	60		50	ug/Kg		08/24/07 4:34 AM	SW846 5030B	SW846 8021B
Ethylbenzene	< 25	25	60		50	ug/Kg		08/24/07 4:34 AM	SW846 5030B	SW846 8021B
Methyl-tert-butyl-ether	290	29	68		50	ug/Kg		08/24/07 4:34 AM	SW846 5030B	SW846 8021B
Toluene	< 25	25	60		50	ug/Kg		08/24/07 4:34 AM	SW846 5030B	SW846 8021B
Xylene, m + p	< 50	50	120		50	ug/Kg		08/24/07 4:34 AM	SW846 5030B	SW846 8021B
Xylene, o	< 25	25	60		50	ug/Kg		08/24/07 4:34 AM	SW846 5030B	SW846 8021B
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	96	80	119		1	%		08/24/07	SW846 5030B	SW846 8021B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 887520

Client : NRP ENVIRONMENTAL CONSULTANTS
Project Name : QMART G.B.
Project Number :
Field ID : 4 7.5

Matrix Type : SOIL
Collection Date : 08/22/07
Report Date : 08/28/07
Lab Sample Number : 887520-004

INORGANICS

Test	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Percent Solids	87.6				1	%		08/28/07	SM M2540G	SM M2540G
								Prep Date/Time:		**Anl By:** kloch

GASOLINE RANGE ORGANICS

Prep Date/Time: 08/23/07 1:29 PM **Anl By:** PMS

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Gasoline Range Organics	< 2.9			2.9	50	mg/Kg		08/24/07 4:59 AM	WI MOD GRO	WI MOD GRO

PVOC

Prep Date/Time: 08/23/07 1:29 PM **Anl By:** PMS

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/24/07 4:59 AM	SW846 5030B	SW846 8021B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/Kg		08/24/07 4:59 AM	SW846 5030B	SW846 8021B
Benzene	< 25	25	60		50	ug/Kg		08/24/07 4:59 AM	SW846 5030B	SW846 8021B
Ethylbenzene	< 25	25	60		50	ug/Kg		08/24/07 4:59 AM	SW846 5030B	SW846 8021B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/Kg		08/24/07 4:59 AM	SW846 5030B	SW846 8021B
Toluene	< 25	25	60		50	ug/Kg		08/24/07 4:59 AM	SW846 5030B	SW846 8021B
Xylene, m + p	< 50	50	120		50	ug/Kg		08/24/07 4:59 AM	SW846 5030B	SW846 8021B
Xylene, o	< 25	25	60		50	ug/Kg		08/24/07 4:59 AM	SW846 5030B	SW846 8021B
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	96	80	119		1	%		08/24/07	SW846 5030B	SW846 8021B

All soil results are reported on a dry weight basis unless otherwise noted.

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 887520

Client : NRP ENVIRONMENTAL CONSULTANTS
Project Name : QMART G.B.
Project Number :
Field ID : GP-1 WATER

Matrix Type : WATER
Collection Date : 08/22/07
Report Date : 08/28/07
Lab Sample Number : 887520-005

GASOLINE RANGE ORGANICS

Prep Date/Time: 08/24/07 6:37 PM **Anl By:** PMS

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Gasoline Range Organics	< 50			50	1	ug/L		08/24/07 6:37 PM	WI MOD GRO	WI MOD GRO

PVOC

Prep Date/Time: 08/24/07 6:37 PM **Anl By:** PMS

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,2,4-Trimethylbenzene	2.5	0.39	1.3		1	ug/L		08/24/07 6:37 PM	SW846 5030B	SW846 8021B
1,3,5-Trimethylbenzene	0.73	0.40	1.3		1	ug/L	Q	08/24/07 6:37 PM	SW846 5030B	SW846 8021B
Benzene	< 0.14	0.14	0.46		1	ug/L		08/24/07 6:37 PM	SW846 5030B	SW846 8021B
Ethylbenzene	0.53	0.40	1.3		1	ug/L	Q	08/24/07 6:37 PM	SW846 5030B	SW846 8021B
Methyl-tert-butyl-ether	< 0.36	0.36	1.2		1	ug/L		08/24/07 6:37 PM	SW846 5030B	SW846 8021B
Toluene	0.67	0.36	1.2		1	ug/L	Q	08/24/07 6:37 PM	SW846 5030B	SW846 8021B
Xylene, m + p	2.0	0.74	2.5		1	ug/L	Q	08/24/07 6:37 PM	SW846 5030B	SW846 8021B
Xylene, o	1.1	0.36	1.2		1	ug/L	Q	08/24/07 6:37 PM	SW846 5030B	SW846 8021B
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	100	80	124		1	%		08/24/07	SW846 5030B	SW846 8021B

VOLATILES

Prep Date/Time: 08/23/07 3:43 PM **Anl By:** SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 0.92	0.92	3.1		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.67		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 0.75	0.75	2.5		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 0.74	0.74	2.5		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 0.99	0.99	3.3		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 0.97	0.97	3.2		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	2.7	0.97	3.2		1	ug/L	Q	08/23/07 3:43 PM	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 0.83	0.83	2.8		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 0.61	0.61	2.0		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 0.62	0.62	2.1		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 0.85	0.85	2.8		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 0.74	0.74	2.5		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Bromobenzene	< 0.82	0.82	2.7		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Bromochloromethane	< 0.97	0.97	3.2		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 887520

Client : NRP ENVIRONMENTAL CONSULTANTS
Project Name : QMART G.B.
Project Number :
Field ID : GP-1 WATER

Matrix Type : WATER
Collection Date : 08/22/07
Report Date : 08/28/07
Lab Sample Number : 887520-005

VOLATILES

Prep Date/Time: 08/23/07 3:43 PM **Anl By:** SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 0.83	0.83	2.8		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 0.76	0.76	2.5		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Ethylbenzene	0.67	0.54	1.8		1	ug/L	Q	08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 0.67	0.67	2.2		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Isopropylbenzene	< 0.59	0.59	2.0		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Methylene Chloride	< 0.43	0.43	1.4		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Naphthalene	2.8	0.74	2.5		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
n-Butylbenzene	< 0.93	0.93	3.1		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
n-Propylbenzene	< 0.81	0.81	2.7		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 0.67	0.67	2.2		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
s-Butylbenzene	< 0.89	0.89	3.0		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
t-Butylbenzene	< 0.97	0.97	3.2		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Toluene	0.96	0.67	2.2		1	ug/L	Q	08/23/07 3:43 PM	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 0.89	0.89	3.0		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 0.18	0.18	0.60		1	ug/L		08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Xylene, m + p	2.0	1.8	6.0		1	ug/L	Q	08/23/07 3:43 PM	SW846 5030B	SW846 8260B
Xylene, o	1.2	0.83	2.8		1	ug/L	Q	08/23/07 3:43 PM	SW846 5030B	SW846 8260B

Surrogate		LCL	UCL						
4-Bromofluorobenzene	103	64	132	1	%		08/23/07	SW846 5030B	SW846 8260B
Toluene-d8	106	73	127	1	%		08/23/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	108	68	122	1	%		08/23/07	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 887520

Client : NRP ENVIRONMENTAL CONSULTANTS
Project Name : QMART G.B.
Project Number :
Field ID : TRIP MEOH

Matrix Type : METHANOL
Collection Date : 08/22/07
Report Date : 08/28/07
Lab Sample Number : 887520-006

GASOLINE RANGE ORGANICS

Prep Date/Time: 08/23/07 1:29 PM **Anl By:** PMS

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
Gasoline Range Organics	< 2500			2500	50	ug/L		08/24/07 5:25 AM	WI MOD GRO	WI MOD GRO

PVOC

Prep Date/Time: 08/23/07 1:29 PM **Anl By:** PMS

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,2,4-Trimethylbenzene	< 25	25	60		50	ug/L		08/24/07 5:25 AM	5035B/5030B	SW846 8021B
1,3,5-Trimethylbenzene	< 25	25	60		50	ug/L		08/24/07 5:25 AM	5035B/5030B	SW846 8021B
Benzene	< 25	25	60		50	ug/L		08/24/07 5:25 AM	5035B/5030B	SW846 8021B
Ethylbenzene	< 25	25	60		50	ug/L		08/24/07 5:25 AM	5035B/5030B	SW846 8021B
Methyl-tert-butyl-ether	< 25	25	60		50	ug/L		08/24/07 5:25 AM	5035B/5030B	SW846 8021B
Toluene	< 25	25	60		50	ug/L		08/24/07 5:25 AM	5035B/5030B	SW846 8021B
Xylene, m + p	< 25	25	60		50	ug/L		08/24/07 5:25 AM	5035B/5030B	SW846 8021B
Xylene, o	< 25	25	60		50	ug/L		08/24/07 5:25 AM	5035B/5030B	SW846 8021B
Surrogate		**LCL**	**UCL**							
a,a,a-Trifluorotoluene	96	80	119		1	%		08/24/07	5035B/5030B	SW846 8021B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 887520

Client : NRP ENVIRONMENTAL CONSULTANTS
Project Name : QMART G.B.
Project Number :
Field ID : TRIP H2O

Matrix Type : WATER
Collection Date : 08/22/07
Report Date : 08/28/07
Lab Sample Number : 887520-007

VOLATILES

Prep Date/Time: 08/23/07 2:12 PM **Anl By:** SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
1,1,1,2-Tetrachloroethane	< 0.92	0.92	3.1		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
1,1,1-Trichloroethane	< 0.90	0.90	3.0		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
1,1,2,2-Tetrachloroethane	< 0.20	0.20	0.67		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
1,1,2-Trichloroethane	< 0.42	0.42	1.4		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethane	< 0.75	0.75	2.5		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
1,1-Dichloroethene	< 0.57	0.57	1.9		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
1,1-Dichloropropene	< 0.75	0.75	2.5		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
1,2,3-Trichlorobenzene	< 0.74	0.74	2.5		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
1,2,3-Trichloropropane	< 0.99	0.99	3.3		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
1,2,4-Trichlorobenzene	< 0.97	0.97	3.2		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
1,2,4-Trimethylbenzene	< 0.97	0.97	3.2		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
1,2-Dibromo-3-chloropropane	< 0.87	0.87	2.9		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
1,2-Dibromoethane	< 0.56	0.56	1.9		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
1,2-Dichlorobenzene	< 0.83	0.83	2.8		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
1,2-Dichloroethane	< 0.36	0.36	1.2		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
1,2-Dichloropropane	< 0.46	0.46	1.5		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
1,3,5-Trimethylbenzene	< 0.83	0.83	2.8		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
1,3-Dichlorobenzene	< 0.87	0.87	2.9		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
1,3-Dichloropropane	< 0.61	0.61	2.0		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
1,4-Dichlorobenzene	< 0.95	0.95	3.2		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
2,2-Dichloropropane	< 0.62	0.62	2.1		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
2-Chlorotoluene	< 0.85	0.85	2.8		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
4-Chlorotoluene	< 0.74	0.74	2.5		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Benzene	< 0.41	0.41	1.4		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Bromobenzene	< 0.82	0.82	2.7		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Bromochloromethane	< 0.97	0.97	3.2		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Bromodichloromethane	< 0.56	0.56	1.9		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Bromoform	< 0.94	0.94	3.1		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Bromomethane	< 0.91	0.91	3.0		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Carbon Tetrachloride	< 0.49	0.49	1.6		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Chlorobenzene	< 0.41	0.41	1.4		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Chlorodibromomethane	< 0.81	0.81	2.7		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Chloroethane	< 0.97	0.97	3.2		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Chloroform	< 0.37	0.37	1.2		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Chloromethane	< 0.24	0.24	0.80		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
cis-1,2-Dichloroethene	< 0.83	0.83	2.8		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
cis-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Dibromomethane	< 0.60	0.60	2.0		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Dichlorodifluoromethane	< 0.99	0.99	3.3		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Diisopropyl Ether	< 0.76	0.76	2.5		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Ethylbenzene	< 0.54	0.54	1.8		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Fluorotrichloromethane	< 0.79	0.79	2.6		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Hexachlorobutadiene	< 0.67	0.67	2.2		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Isopropylbenzene	< 0.59	0.59	2.0		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Methylene Chloride	1.5	0.43	1.4		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Methyl-tert-butyl-ether	< 0.61	0.61	2.0		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Naphthalene	< 0.74	0.74	2.5		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
n-Butylbenzene	< 0.93	0.93	3.1		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436

Analytical Report Number: 887520

Client : NRP ENVIRONMENTAL CONSULTANTS
Project Name : QMART G.B.
Project Number :
Field ID : TRIP H2O

Matrix Type : WATER
Collection Date : 08/22/07
Report Date : 08/28/07
Lab Sample Number : 887520-007

VOLATILES

Prep Date/Time: 08/23/07 2:12 PM **Anl By:** SMT

Analyte	Result	LOD	LOQ	EQL	Dil.	Units	Code	Anl Date/Time	Prep Method	Anl Method
n-Propylbenzene	< 0.81	0.81	2.7		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
p-Isopropyltoluene	< 0.67	0.67	2.2		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
s-Butylbenzene	< 0.89	0.89	3.0		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Styrene	< 0.86	0.86	2.9		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
t-Butylbenzene	< 0.97	0.97	3.2		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Tetrachloroethene	< 0.45	0.45	1.5		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Toluene	< 0.67	0.67	2.2		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
trans-1,2-Dichloroethene	< 0.89	0.89	3.0		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
trans-1,3-Dichloropropene	< 0.19	0.19	0.63		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Trichloroethene	< 0.48	0.48	1.6		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Vinyl Chloride	< 0.18	0.18	0.60		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Xylene, m + p	< 1.8	1.8	6.0		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Xylene, o	< 0.83	0.83	2.8		1	ug/L		08/23/07 2:12 PM	SW846 5030B	SW846 8260B
Surrogate		**LCL**	**UCL**							
4-Bromofluorobenzene	103	64	132		1	%		08/23/07	SW846 5030B	SW846 8260B
Toluene-d8	109	73	127		1	%		08/23/07	SW846 5030B	SW846 8260B
Dibromofluoromethane	103	68	122		1	%		08/23/07	SW846 5030B	SW846 8260B

Qualifier Codes

Flag	Applies To	Explanation
A	Inorganic	Analyte is detected in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
B	Inorganic	The analyte has been detected between the method detection limit and the reporting limit.
B	Organic	Analyte is present in the method blank. Method blank criteria is evaluated to the laboratory method detection limit. Additionally, method blank acceptance may be based on project specific criteria or determined from analyte concentrations in the sample and are evaluated on a sample by sample basis.
C	All	Elevated detection limit.
D	All	Analyte value from diluted analysis or surrogate result not applicable due to sample dilution.
E	Inorganic	Estimated concentration due to matrix interferences. During the metals analysis the serial dilution failed to meet the established control limits of 0-10%. The sample concentration is greater than 50 times the IDL for analysis done on the ICP or 100 times the IDL for analysis done on the ICP-MS. The result was flagged with the E qualifier to indicate that a physical interference was observed.
E	Organic	Analyte concentration exceeds calibration range.
F	Inorganic	Due to potential interferences for this analysis by Inductively Coupled Plasma techniques (SW-846 Method 6010), this analyte has been confirmed by and reported from an alternate method.
F	Organic	Surrogate results outside control criteria.
G	All	The result is estimated because the concentration is less than the lowest calibration standard concentration utilized in the initial calibration. The method detection limit is less than the reporting limit specified for this project.
H	All	Preservation, extraction or analysis performed past holding time.
HF	Inorganic	This test is considered a field parameter, and the recommended holding time is 15 minutes from collection. The analysis was performed in the laboratory beyond the recommended holding time.
J	All	Concentration detected equal to or greater than the method detection limit but less than the reporting limit.
K	Organic	Detection limit may be elevated due to the presence of an unrequested analyte.
L	All	Elevated detection limit due to low sample volume.
M	Organic	Sample pH was greater than 2
N	All	Spiked sample recovery not within control limits.
O	Organic	Sample received overweight.
P	Organic	The relative percent difference between the two columns for detected concentrations was greater than 40%.
Q	All	The analyte has been detected between the limit of detection (LOD) and limit of quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentrations within this range.
S	Organic	The relative percent difference between quantitation and confirmation columns exceeds internal quality control criteria. Because the result is unconfirmed, it has been reported as a non-detect with an elevated detection limit.
U	All	The analyte was not detected at or above the reporting limit.
V	All	Sample received with headspace.
W	All	A second aliquot of sample was analyzed from a container with headspace.
X	All	See Sample Narrative.
Z	Organics	This compound was separated in the CCV standard but it did not meet the resolution criteria as set forth in SW846.
&	All	Laboratory Control Spike recovery not within control limits.
*	All	Precision not within control limits.
+	Inorganic	The sample result is greater than four times the spike level: therefore, the percent recovery is not evaluated.
<	All	The analyte was not detected at or above the reporting limit.
1	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses passed QC based on precision criteria.
2	Inorganic	Dissolved analyte or filtered analyte greater than total analyte; analyses failed QC based on precision criteria.
3	Inorganic	BOD result is estimated due to the BOD blank exceeding the allowable oxygen depletion.
4	Inorganic	BOD duplicate precision not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
5	Inorganic	BOD result is estimated due to insufficient oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
6	Inorganic	BOD laboratory control sample not within control limits. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
7	Inorganic	BOD result is estimated due to complete oxygen depletion. Due to the 48 hour holding time for this test, it is not practical to reanalyze and try to correct the deficiency.
8	Inorganic	Sample was received unpreserved. Sample was preserved either at the time of receipt or at the time of sample preparation.
9	Inorganic	Sample was received with insufficient preservation. Acid was added either at the time of receipt or at the time of sample preparation.

Test Group Name	887520-001	887520-002	887520-003	887520-004	887520-005	887520-006	887520-007
GASOLINE RANGE ORGANICS	G	G	G	G	G	G	
PERCENT SOLIDS	B	B	B	B			
PVOC	G	G	G	G	G	G	
VOLATILES					G		G

Code	WI Certification
B	405132750 / DATCP: 105-444
G	405132750

Pace Analytical Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 887520
Lab Section: GAS
QC Batch Number: 24068
Prep Method: SW846 5030B
Analytical Method: SW846 8021B

QC Type	Client Sample ID	Lab Sample ID
MB	GG2256-79MB	GG2256-79MB
LCS	GG2256-79MBLCS	GG2256-79MBLCS
LCSD	GG2256-79MBLCSD	GG2256-79MBLCSD

Client Sample ID	Lab Sample ID	MB ID
2 10-12	887520-001	MB
3 7-8	887520-003	MB
TRIP MEOH	887520-006	MB

Client Sample ID	Lab Sample ID	MB ID
1 10-12	887520-002	MB
4 7.5	887520-004	MB

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc		MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
1,2,4-Trimethylbenzene	<	25	1000	961	96		1000	995.4	100		3.5			85	122	20	---	---		---	---	---		---	---	---		---			---	---	---
1,3,5-Trimethylbenzene	<	25	1000.0	970.7	97		1000.0	1002.7	100		3.2			85	123	20	---	---		---	---	---		---	---	---		---			---	---	---
Benzene	<	25	1000	928.6	93		1000	948.7	95		2.1			85	115	20	---	---		---	---	---		---	---	---		---			---	---	---
Ethylbenzene	<	25	1000.0	946.9	95		1000.0	1001.4	100		5.6			85	118	20	---	---		---	---	---		---	---	---		---			---	---	---
Methyl-tert-butyl-ether	<	25	1000	915.9	92		1000	938.1	94		2.4			84	116	20	---	---		---	---	---		---	---	---		---			---	---	---
Toluene	<	25	1000	945.1	95		1000	992.6	99		4.9			85	117	20	---	---		---	---	---		---	---	---		---			---	---	---
Xylene, m + p	<	25	2000.0	1883.1	94		2000.0	2005.3	100		6.3			85	119	20	---	---		---	---	---		---	---	---		---			---	---	---
Xylene, o	<	25	1000	944	94		1000	983.1	98		4.1			85	119	20	---	---		---	---	---		---	---	---		---			---	---	---
a,a,a-Trifluorotoluene		98%	---	---	96		---	---	98		---			80	119	---	---	---		---	---	---		---	---	---		---			---	---	---

Conc = ug/Kg unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 8/28/2007
QC Batch Number: 24068

Pace Analytical Services, Inc.

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

QC Summary

Batch: 887520
Lab Section: GAS
QC Batch Number: 24091
Prep Method: WI MOD GRO
Analytical Method: WI MOD GRO

QC Type	Client Sample ID	Lab Sample ID
MB	GG2292-11MB	GG2292-11MB
LCS	GG2292-11MBLCS	GG2292-11MBLCS
LCSD	GG2292-11MBLCSD	GG2292-11MBLCSD
MS	887499-006MS	887499-006MS
MSD	887499-006MSD	887499-006MSD

Client Sample ID	Lab Sample ID	MB ID	Client Sample ID	Lab Sample ID	MB ID
GP-1 WATER	887520-005	MB			

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Gasoline Range Organics	<	26	200.0	194	97		200.0	184.8	92		4.8		80	120	20	---		---	---	---	---		---	---	---		---		---	---	---
1,2,4-Trimethylbenzene	<	0.39	20.000	20.1	101		20.000	19.8	99		1.6		82	115	20	887499-006		0.0000	2500.0	3660	146	N	2500.0	3664.2	147	N	0.1		72	123	20
1,3,5-Trimethylbenzene	<	0.4	20.000	20.4	102		20.000	19.8	99		2.8		83	115	20	887499-006		0.0000	2500.0	2877.2	115		2500.0	2855.7	114		0.8		71	124	20
Benzene	<	0.14	20.0000	20.8	104		20.0000	20.2	101		2.9		85	115	20	887499-006		13110.1	2500.00	15865.7	110		2500.00	16115.5	120		1.6		80	120	20
Ethylbenzene	<	0.4	20.000	21.1	105		20.000	20.3	101		4.0		85	115	20	887499-006		1450.1	2500.0	4186	109		2500.0	4174.8	109		0.3		80	120	20
Methyl-tert-butyl-ether	<	0.36	20.000	21	105		20.000	21.1	105		0.4		82	116	20	887499-006	<	45	2500.0	2565.9	103		2500.0	2544.6	102		0.8		79	120	20
Toluene	<	0.36	20.000	21.2	106		20.000	20.5	103		3.2		85	115	20	887499-006		1227.2	2500.0	3963.8	109		2500.0	3951	109		0.3		80	120	20
Xylene, m + p	<	0.74	40.0000	42	105		40.0000	40.6	101		3.4		85	115	20	887499-006		0.00000E0	5000.00	10048.1	201	N	5000.00	10055.8	201	N	0.1		78	124	20
Xylene, o	<	0.36	20.000	20.9	104		20.000	20.4	102		2.1		85	115	20	887499-006		0.0000	2500.0	4905.8	196	N	2500.0	4908.6	196	N	0.1		80	120	20
a,a,a-Trifluorotoluene		100%	---	---	99		---	---	99		---		80	124	---	887499-006		97%	---	---	97		---	---	97		---		80	124	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
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Report Date: 8/28/2007
QC Batch Number: 24091

Pace Analytical Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Batch: 887520
Lab Section: VOA
QC Batch Number: 24084
Prep Method: SW846 5030B
Analytical Method: SW846 8260B

QC Type	Client Sample ID	Lab Sample ID
MB	vog2291-16MB	vog2291-16MB
LCS	vog2291-16LCS	vog2291-16LCS
LCSD	vog2291-16LCSD	vog2291-16LCSD
MS	887464-001MS	887464-001MS
MSD	887464-001MSD	887464-001MSD

Client Sample ID	Lab Sample ID	MB ID
GP-1 WATER	887520-005	MB

Client Sample ID	Lab Sample ID	MB ID
TRIP H2O	887520-007	MB

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD %	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD %	C	MS/MSD Control Limits LCL %	UCL %	RPD %
1,1,1,2-Tetrachloroethane	<	0.92	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
1,1-Dichloropropene	<	0.75	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
1,2,3-Trichlorobenzene	<	0.74	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
1,2,3-Trichloropropane	<	0.99	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
1,2,4-Trichlorobenzene	<	0.97	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
1,2,4-Trimethylbenzene	<	0.97	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
1,2-Dibromo-3-chloropropan	<	0.87	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
1,2-Dibromoethane	<	0.56	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
1,2-Dichlorobenzene	<	0.83	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
1,3,5-Trimethylbenzene	<	0.83	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
1,3-Dichlorobenzene	<	0.87	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
1,3-Dichloropropane	<	0.61	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
1,4-Dichlorobenzene	<	0.95	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
2,2-Dichloropropane	<	0.62	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
2-Chlorotoluene	<	0.85	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
4-Chlorotoluene	<	0.74	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Bromobenzene	<	0.82	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Bromochloromethane	<	0.97	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Dibromomethane	<	0.6	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Dichlorodifluoromethane	<	0.99	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Diisopropyl Ether	<	0.76	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Fluorotrichloromethane	<	0.79	0	---	---		---	---	---		---		---	---	---	---	---	---	---	---		---	---	---		---		---	---	---

Conc = ug/L unless otherwise noted
C = QC Code, see Qualifer Sheet
Parent Result is reported down to MDL in order to allow Validation of this worksheet
The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 8/28/2007
QC Batch Number: 24084

Pace Analytical Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Test Name	Method Blank Result	Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number	Parent Result	Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Hexachlorobutadiene	<	0.67	0	---	---		---	---	---		---			---	---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Isopropylbenzene	<	0.59	0	---	---		---	---	---		---			---	---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Methyl-tert-butyl-ether	<	0.61	0	---	---		---	---	---		---			---	---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
Naphthalene	<	0.74	0	---	---		---	---	---		---			---	---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
n-Butylbenzene	<	0.93	0	---	---		---	---	---		---			---	---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
n-Propylbenzene	<	0.81	0	---	---		---	---	---		---			---	---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
p-Isopropyltoluene	<	0.67	0	---	---		---	---	---		---			---	---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
s-Butylbenzene	<	0.89	0	---	---		---	---	---		---			---	---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
t-Butylbenzene	<	0.97	0	---	---		---	---	---		---			---	---	---	---	---	---	---	---	---		---	---	---		---		---	---	---
1,1,1-Trichloroethane	<	0.9	50.0	55.6	111		50.0	56.7	113		2.0			75	128	20	887464-001		0.00	50.0	58.1	116		50.0	55.6	111		4.4			70	130	30
1,1,2,2-Tetrachloroethane	<	0.2	50.0	44.2	88		50.0	46.7	93		5.4			67	125	20	887464-001		0.00	50.0	47.4	95		50.0	46	92		3.0			70	130	30
1,1,2-Trichloroethane	<	0.42	50.0	49.7	99		50.0	50.4	101		1.4			75	125	20	887464-001		0.00	50.0	49.4	99		50.0	50.3	101		1.8			70	130	30
1,1-Dichloroethane	<	0.75	50.0	48.2	96		50.0	48.6	97		0.8			71	130	20	887464-001		0.00	50.0	49.4	99		50.0	48.3	97		2.1			70	130	30
1,1-Dichloroethene	<	0.57	50.0	48.4	97		50.0	48.6	97		0.5			75	125	20	887464-001		0.00	50.0	51.6	103		50.0	48.7	97		5.9			70	135	30
1,2-Dichloroethane	<	0.36	50.0	51	102		50.0	52.9	106		3.7			71	132	20	887464-001		0.00	50.0	52.3	105		50.0	51.6	103		1.3			70	130	30
1,2-Dichloropropane	<	0.46	50.0	47.8	96		50.0	48.1	96		0.6			73	125	20	887464-001		0.00	50.0	48	96		50.0	48.2	96		0.5			70	130	30
Benzene	<	0.41	50.0	45.5	91		50.0	46.9	94		3.0			75	125	20	887464-001	<	0.41	50.0	47.4	95		50.0	46.1	92		2.8			70	130	30
Bromodichloromethane	<	0.56	50.0	54.6	109		50.0	55.6	111		1.9			75	125	20	887464-001		0.00	50.0	55.1	110		50.0	55.4	111		0.6			70	130	30
Bromoform	<	0.94	50.0	47.1	94		50.0	49.5	99		5.0			75	125	20	887464-001		0.00	50.0	50.2	100		50.0	50.9	102		1.3			70	130	30
Bromomethane	<	0.91	50.0	47.4	95		50.0	48.2	96		1.5			66	125	20	887464-001		0.00	50.0	50.4	101		50.0	49.2	98		2.5			63	147	30
Carbon Tetrachloride	<	0.49	50.0	55.8	112		50.0	57.2	114		2.5			75	125	20	887464-001		0.00	50.0	58.6	117		50.0	56.8	114		3.0			70	131	30
Chlorobenzene	<	0.41	50.0	52.6	105		50.0	53.7	107		2.1			75	125	20	887464-001		0.00	50.0	54.2	108		50.0	52.2	104		3.7			70	130	30
Chlorodibromomethane	<	0.81	50.0	50.4	101		50.0	53.8	108		6.5			75	125	20	887464-001		0.00	50.0	53.7	107		50.0	51.4	103		4.3			70	130	30
Chloroethane	<	0.97	50.0	43.1	86		50.0	46	92		6.5			72	126	20	887464-001		0.00	50.0	48	96		50.0	45.3	91		5.8			67	138	30
Chloroform	<	0.37	50.0	50.9	102		50.0	52.9	106		3.8			75	125	20	887464-001		0.00	50.0	53.9	108		50.0	52	104		3.6			70	130	30
Chloromethane	<	0.24	50.0	36	72		50.0	35.6	71		1.4			46	143	20	887464-001		0.00	50.0	39.4	79		50.0	36.8	74		7.0			43	150	30
cis-1,2-Dichloroethene	<	0.83	50.0	48.4	97		50.0	49.9	100		2.9			75	125	20	887464-001		0.00	50.0	51.6	103		50.0	48.8	98		5.5			70	130	30
cis-1,3-Dichloropropene	<	0.19	50.0	48.2	96		50.0	50.4	101		4.3			75	125	20	887464-001		0.00	50.0	50.1	100		50.0	49.6	99		1.1			70	130	30
Ethylbenzene	<	0.54	50.0	53.7	107		50.0	55.1	110		2.6			75	125	20	887464-001	<	0.54	50.0	55.7	111		50.0	54.7	109		1.8			70	136	30
Methylene Chloride	<	0.43	50.0	47.3	95		50.0	48.5	97		2.5			75	125	20	887464-001		0.00	50.0	50.3	101		50.0	48.6	97		3.5			70	130	30
Styrene	<	0.86	50.0	54.2	108		50.0	55.4	111		2.2			75	125	20	887464-001		0.00	50.0	56.8	114		50.0	54.3	109		4.6			70	130	30
Tetrachloroethene	<	0.45	50.0	55.8	112		50.0	56.4	113		1.1			75	130	20	887464-001		0.00	50.0	58.2	116		50.0	54.5	109		6.6			70	130	30

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifer Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 8/28/2007

QC Batch Number: 24084

Pace Analytical Services, Inc.

QC Summary

1241 Bellevue Street
Green Bay, WI 54302
920-469-2436
Fax: 920-469-8827

Test Name		Method Blank Result Conc	LCS Spiked Conc	LCS Recovery Conc	%	C	LCSD Spiked Conc	LCSD Recovery Conc	%	C	LCS/ LCSD RPD	%	C	LCS/LCSD Control Limits LCL %	UCL %	RPD %	Parent Sample Number		Parent Result Conc	MS Spiked Conc	MS Recovery Conc	%	C	MSD Spiked Conc	MSD Recovery Conc	%	C	MS/ MSD RPD	%	C	MS/MSD Control Limits LCL %	UCL %	RPD %
Toluene	<	0.67	50.0	51.8	104		50.0	52.7	105		1.7			75	125	20	887464-001	<	0.67	50.0	53.2	106		50.0	53.1	106		0.1			70	130	30
trans-1,2-Dichloroethene	<	0.89	50.0	49	98		50.0	47.4	95		3.2			75	125	20	887464-001		0.00	50.0	49.2	98		50.0	53.8	108		8.9			70	130	30
trans-1,3-Dichloropropene	<	0.19	50.0	52.3	105		50.0	54.5	109		4.1			75	125	20	887464-001		0.00	50.0	53.9	108		50.0	54.2	108		0.6			70	130	30
Trichloroethene	<	0.48	50.0	53.5	107		50.0	53.8	108		0.6			75	125	20	887464-001		0.00	50.0	54.7	109		50.0	52.4	105		4.2			70	130	30
Vinyl Chloride	<	0.18	50.0	38.8	78		50.0	39.4	79		1.5			65	130	20	887464-001		0.00	50.0	43.2	86		50.0	40.5	81		6.3			62	138	30
Xylene, m + p	<	1.8	100.0	106.3	106		100.0	109	109		2.5			75	125	20	887464-001	<	1.8	100.0	110.5	111		100.0	108	108		2.3			70	137	30
Xylene, o	<	0.83	50.0	52.9	106		50.0	53.6	107		1.4			75	125	20	887464-001	<	0.83	50.0	55.1	110		50.0	54	108		2.1			70	130	30
4-Bromofluorobenzene		101%	—	—	106		—	—	110		—			64	132	—	887464-001		101%	—	—	105		—	—	109		—			64	132	—
Toluene-d8		106%	—	—	109		—	—	109		—			73	127	—	887464-001		107%	—	—	108		—	—	111		—			73	127	—
Dibromofluoromethane		103%	—	—	102		—	—	102		—			68	122	—	887464-001		103%	—	—	102		—	—	103		—			68	122	—

Conc = ug/L unless otherwise noted

C = QC Code, see Qualifer Sheet

Parent Result is reported down to MDL in order to allow Validation of this worksheet

The %R and RPD results are calculated from raw data values with more significant figures than are reported on this form.

Report Date: 8/28/2007

QC Batch Number: 24084

Sample Condition Upon Receipt

Pace Analytical

Client Name: NRP Project # 887520

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☑ Client ☐ Commercial ☐ Pace Other _____

Tracking #: _____

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

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

Thermometer Used N/A **Type of Ice:** (Wet) Blue None ☐ Samples on Ice, cooling process has begun

Cooler Temperature ROI **Biological Tissue is Frozen:** Yes No

Temp should be above freezing to 6°C

Comments:

Date and Initials of person examining contents: U 8/22/07 CF 8/22/07

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. Letter Samples Not COC lists collection Dates & times AG
-Includes date/time/ID/Analysis Matrix: SW		
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. H_2O + MEOH Trip blanks
Trip Blank Custody Seals Present	☑Yes ☐No ☐N/A	both PACE
Pace Trip Blank Lot # (if purchased): _____		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: _____ **Date:** 08-23-07

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 Clearly)

UPPER MIDWEST REGION

MN: 612-607-1700 WI: 920-469-2436

Page 1 of 1

Pace Analytical®
www.pacelabs.com

COC No. 029513

CHAIN OF COUNTODY

Company Name:	NRP
Branch/Location:	
Project Contact:	Bob Herubin
Phone:	662-9212
Project Number:	
Project Name:	Qmant G.B.
Project State:	WI
Sampled By (Print):	Bob Herubin
Sampled By (Sign):	[signature]
PO #:	
Regulatory Program:	

*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 #:	
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

FILTERED? (YES/NO): Y / N
PRESERVATION (CODE)*: Pick Letter

Analyses Requested: GRO/PVOC, VOC

PACE LAB #	CLIENT FIELD ID	COLLECTION DATE	COLLECTION TIME	MATRIX	GRO/PVOC	VOC								CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
001	2 10-12				✓										4oz Poly, 1-40mL	
002	1 10-12				✓											
003	3 7-8				✓											
004	4 7.5				✓											
005	GP-1 Water				✓	✓									3-40 mL	
006	Trip MeOH				✓										1-40 mL MeOH	
007	Trip H2O				✓	✓									2-40 mL H2O	

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

Transmit Prelim Rush Results by (complete what you want):
Email #1:
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]	8-22-07 1215	Ashley Brusky	8-22-07 1215

PACE Project No. 887520

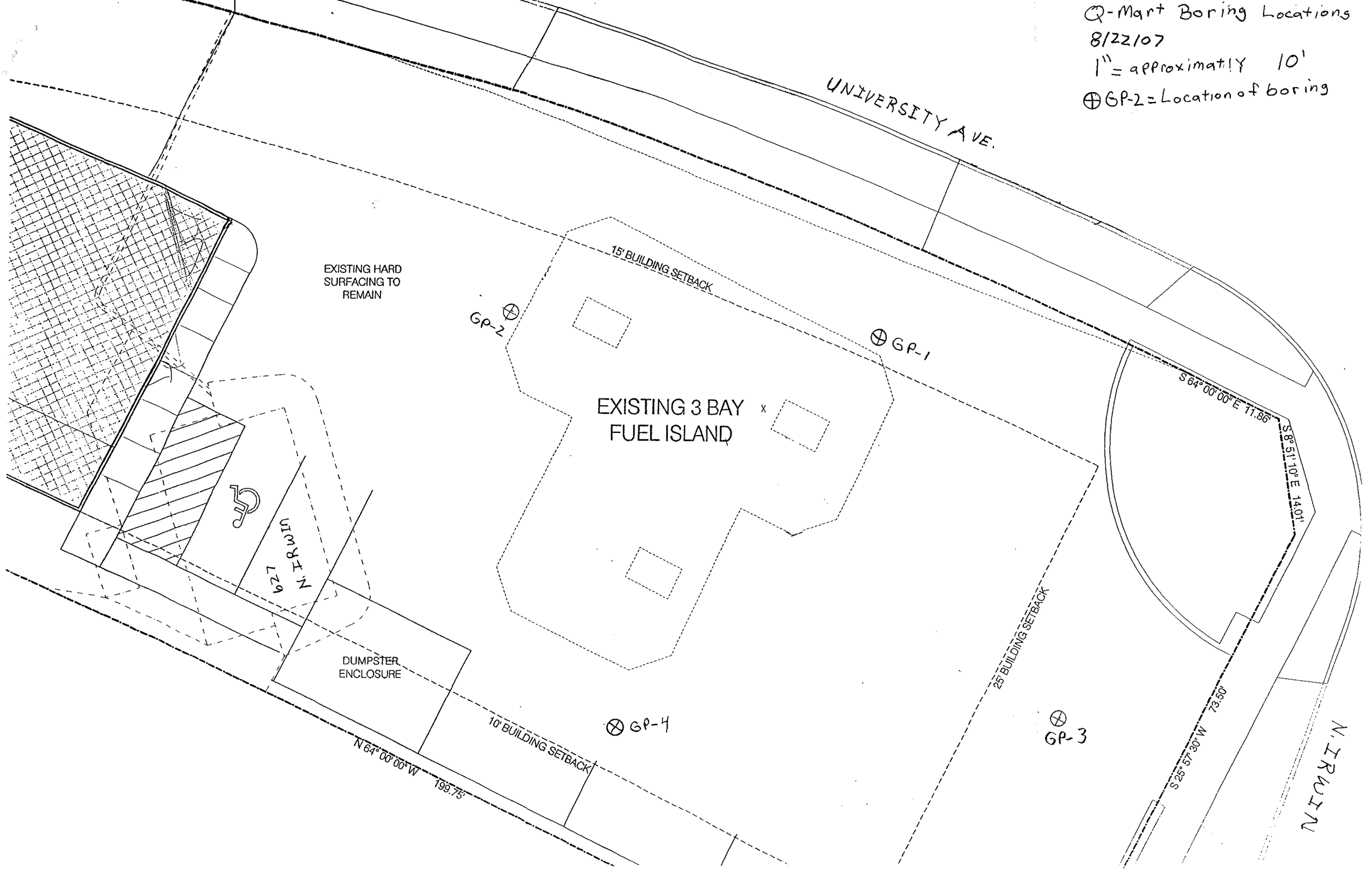
Receipt Temp = RDI °C

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact

Version 6.0 06/14/06

ORIGINAL


Q-Mart Boring Locations
8/22/07
1" = approximatly 10'
⊕ GP-2 = Location of boring
UNIVERSITY AVE.
EXISTING HARD SURFACING TO REMAIN
15' BUILDING SETBACK
GP-2
GP-1
EXISTING 3 BAY FUEL ISLAND
S 64° 00' 00" E 11.86'
S 8° 51' 10" E 14.01'
N. IRWIN
129
DUMPSTER ENCLOSURE
25' BUILDING SETBACK
GP-4
GP-3
10' BUILDING SETBACK
N 64° 00' 00" W 199.75'
S 25° 57' 30" W 73.50'
N. IRWIN

Lauridsen, Keld B - DNR

From: mquint@easy-equity.com
Sent: Monday, January 03, 2011 9:25 AM
To: Lauridsen, Keld B - DNR
Subject: RE: WDNR BRRTS #03-05-555593
Attachments: WDNR Letter.pdf

Hey Keld, hope your holidays were enjoyable? I will be sending off the Phase 2 report performed by NRP Enviromental Consultants tomorrow so you should see it mid this week. Hopefully this will suffice?

Regards,

Michael J Quint
(920) 683-0269 direct
(920) 905-2061 cell
(920) 683-1249 fax
mquint@easy-equity.com

> -------- Original Message --------
> Subject: [SPAM]
> From: "Lauridsen, Keld B - DNR" <Keld.Lauridsen@wisconsin.gov>
> Date: Fri, December 10, 2010 8:08 am
> To: "mquint@easy-equity.com" <mquint@easy-equity.com>
>
> Keld B. Lauridsen
> Hydrogeologist
> Wisconsin Department of Natural Resources
> 2984 Shawano Avenue.
> Green Bay, WI 54313-6727
>
> Phone (920) 662-5420
> Fax (920) 662-5197
> E-mail Keld.Lauridsen@wisconsin.gov
> Visit us on the web ------> www.dnr.state.wi.us/org/aw/rr

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Matthew J. Frank, Secretary
Ronald W. Kazmierczak, Regional Director

Northeast Region Headquarters
2984 Shawano Ave.
Green Bay, Wisconsin 54313-6727
Telephone 920-662-5100
FAX 920-662-5413
TTY Access via relay - 711

December 7, 2010

Easy Equity LLC
Attn: Michael J. Quindt
1405 Cherry Street
Manitowoc, WI 54220

SUBJECT: Request for Case Status Update for the Q-Mart Convenience Store,
627 North Irwin Street, Green Bay, Wisconsin
WDNR BRRTS #: 03-05-555593

Dear Mr. Quindt:

I am writing to request an update on the status of the above referenced Leaking Underground Storage Tank (LUST) case. On July 21, 2010, the Wisconsin Department of Natural Resources (Department) sent you a Responsible Party letter requiring action dealing with the contamination identified at the former Q-Mart Convenience Store site. The Department has not yet received any information from you or an environmental consultant regarding this case.

The Department would appreciate a case status update from you or a consultant within 14 days. A letter or report documenting any site progress is preferred but a telephone call is also considered an appropriate response.

Your cooperation and timely response to this matter is appreciated. If you have any questions or comments, please feel free to contact me in Green Bay at (920) 662-5420.

Sincerely,

Keld B. Lauridsen
Hydrogeologist
Remediation & Redevelopment Program

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Matthew J. Frank, Secretary
Ronald W. Kazmierczak, Regional Director

Northeast Region Headquarters
2984 Shawano Ave
Green Bay, Wisconsin 54307-0448
Telephone 920-662-5100
FAX 920-662-5413
TTY Access via relay - 711

July 21, 2010

Easy Equity LLC
Attn: Michael J. Quindt
1405 Cherry St
Manitowoc WI 54220

Subject: Reported Contamination at Q-Mart Convenience Store, 627 N Irwin St, Green Bay, WI
WDNR BRRTS Activity # 03-05-555593

Dear Mr. Quindt:

On July 1, 2010 we received correspondence from General Engineering Company regarding UST removals performed at the above listed site. The letter refers to this site with the address of 1270 University Avenue, Green Bay, Wisconsin. According to the Brown County Land Information GIS website this parcel is now listed as 627 N. Irwin Street, Green Bay, Wisconsin. It was reported during UST removal activities that visually stained soils and petroleum odor was detected, indicating petroleum contamination.

Based on the information that has been submitted to the WDNR regarding this site, we believe you are responsible for investigating and restoring the environment at the above-described site under Section 292.11, Wisconsin Statutes, known as the hazardous substances spills law.

This letter describes the legal responsibilities of a person who is responsible under Section 292.11, explains what you need to do to investigate and clean up the contamination, and provides you with information about cleanups, environmental consultants, possible financial assistance, and working cooperatively with the WDNR, Department of Commerce ("Commerce") or the Department of Agriculture, Trade and Consumer Protection.

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 Code chapters NR 700 through NR 749 establish requirements for emergency and interim actions, public information, site investigations, design and operation of remedial action systems, and case closure. 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 steps to take:

1. Within the next **30 days,** by August 20, 2010, you should submit written verification (such as a letter from the consultant) that you have hired an environmental consultant. If you do not take action within this time frame, the WDNR may initiate enforcement action against you.

2. Within the next **60 days,** by September 19, 2010, your consultant should submit a work plan and schedule for the investigation. The consultant must comply with the requirements in the NR 700 Wis. Adm. Code rule series and should adhere to current WDNR technical guidance documents.

In addition, within 30 days of completion of the site investigation, your consultant should submit a site investigation report to the department or other agency with administrative authority.

For sites with petroleum contamination, when your investigation has established the degree and extent of contamination, your consultant will be able to determine whether the Department of Commerce or the WDNR has authority over the case. For agrichemicals, your case will be transferred to the Department of Agriculture, Trade and Consumer Protection for oversight.

Sites where discharges to the environment have been reported are entered into the Bureau for Remediation and Redevelopment Tracking System ("BRRTS"), a version of which appears on the WDNR's internet site. You may view the information related to your site at any time (http://botw.dnr.state.wi.us/botw/Welcome.do) and use the feedback system to alert us to any errors in the data.

If you want a formal written response from the department on a specific submittal, please be aware that a review fee is required in accordance with ch. NR 749, Wis. Adm. Code. If a fee is not submitted with your reports, you should proceed under the advice of your consultant to complete the site investigation and cleanup to maintain your compliance with the spills law and chapters NR 700 through NR 749. **Do not delay the investigation of your site by waiting for an agency response.** We have provided detailed technical guidance to environmental consultants. Your consultant is expected to know our technical procedures and administrative rules and should be able to answer your questions on meeting cleanup requirements.

All correspondence regarding this site should be sent to:

Keld Lauridsen
Remediation and Redevelopment Program
Wisconsin Department of Natural Resources
2984 Shawano Ave
Green Bay WI 54313-6727
Keld.Lauridsen@wisconsin.gov

Unless otherwise requested, please send only one hard copy of plans and reports. In addition to the paper copy, an electronic copy may also be submitted to assist the WDNR with site evaluation and discussions. A hard copy of any attachments sent electronically must be submitted for the information to be included in the site file, regardless of size. To speed processing, correspondence should reference the BRRTS and FID numbers (if assigned) shown at the top of this letter.

Additional Information for Site Owners:
We encourage you to visit our website at http://dnr.wi.gov/org/aw/rr, where you can find information on selecting a consultant, financial assistance and understanding the cleanup process. You will also find information there about liability clarification letters, post-cleanup liability and more.

Information to help you select a consultant, materials on controlling costs, understanding the cleanup process, and choosing a site cleanup method are enclosed. In addition, *Fact Sheet 2 – Voluntary Party Remediation and Exemption from Liability* is enclosed and provides information on obtaining protection of limited liability under s. 292.15, Wis. Stats.

If you have questions, call the Project Manager, Keld Lauridsen at 920-662-5420 for more information or visit the RR web site at the address above.

Thank you for your cooperation.

Sincerely,

Denise D. Danelski
Environmental Program Associate/Brownfields Outreach
Remediation & Redevelopment Program

Enclosures:
1. Remediation & Redevelopment Program
2. CLEAN (Contaminated Lands Environmental Action Network)
3. Environmental Contamination – The Basics
4. Selecting an Environmental Consultant
5. Environmental Services Contractor List
6. Fact Sheet 2, VPLE
7. Information about PECFA

cc: Lynn Bradley, General Engineering Co (via email)
Keld Lauridsen - NER

03-05-555593

7/20/10

Tank Closure Assessment May, '10

Water @ 9.5' visual on site
Sampled soil just above WT

results
Tank 1 – Presence of Petro VOC's
Tank 2 Presence of Petro VOC's
Tank 3 Presence of Petro VOC's
Benzene reported less than 25 ug/Kg

– water encountered near sampling Point.
– smear area (most likely)

less than soil STD's —
photo's – staining noticed in one photo

– Enough evidence that release has occurred.
– Need to open case, determine gw impacts!

→ NR 720 Doesn't apply; only apply @ SI step when Full investigation is complete!

BGH

Received 07-01-10

916 SILVER LAKE DRIVE
BOX 340
PORTAGE, WI 53901

GENERAL ENGINEERING COMPANY

Consulting Engineers Since 1912

608-742-2169
608-742-2592 FAX
gec@generalengineering.net
www.generalengineering.net

Brown Co. Website
627 N. Irwin
Easy Equity LLC
1405 Cherry St
Manitowoc 54220
Attn: Michael J. Quinn

June 23, 2010

Mr. Keld Lauridsen
Wisconsin Department of Natural Resources
2984 Shawano Avenue
Green Bay, WI 54313-6727

RE: Q-Mart Convenience Store
1270 University Avenue
Green Bay, Wisconsin (Brown County)
Facility #63513

Dear Mr. Lauridsen:

Schaper Excavating and Petroleum (Schaper) of Portage, Wisconsin contracted with the Wisconsin Department of Commerce to perform a Scope of Work outlined in an agreement to perform an Underground Storage Tank Closure Assessments (Simplified Bid Number 63513-03-20) at the property located at 1270 University Avenue in the City of Green Bay, Wisconsin. More specifically, the property is located within the Northwest ¼ of the Northeast ¼ of Section 31, Township 24 North, Range 21 East, Brown County, Wisconsin. As the primary part of the Scope of Work outlined in the agreement, Schaper obtained permits; properly cleaned and removed three 7,500 gallon unleaded gasoline underground storage tanks and associated piping; removed the canopy and dispensers; and collected soil samples in accordance with the Wisconsin Department of Commerce Assessment and Reporting Guidelines.

At the time of the UST removal on May 12, 2010, the subject site was less than one acre in size, and was occupied by one structure and a canopy. The structure was formerly utilized as a convenience store and gasoline station. The canopy was located northeast of the structure and covered three gasoline dispensers. Three 7,500 gallon unleaded gasoline underground storage tanks were present on the eastern portion of the subject property. The subject property is connected to the City of Green Bay municipal water supply. The East River Is located approximately 850 feet west and 1,100 feet south of the subject property.

As part of a WDNR contract, Schaper Excavating and Petroleum excavated, properly cleaned and removed three (3) unleaded gasoline underground storage tanks, dispensers and associated piping. In addition, the canopy above the dispensers was properly removed and disposed of. The underground storage tanks were in one common area. The ending excavation was approximately 30 feet long by 30 feet wide and 12 feet deep. The soils consisted primarily of brown sandy silt. Soil samples were collected on the sidewalls, at approximately 9.5 feet, just above the water table. Groundwater was encountered during excavation activities at a depth of approximately 9.5 feet below ground surface. Petroleum odors were present during excavation activities. However, no sheen was observed on the pooling groundwater within the excavation. The excavation was backfilled with native excavated soils and sand. The excavation area was then compacted to grade.

A total of twelve soil samples were collected in accordance with the Wisconsin Department of Commerce guidance document *"Assessment and Reporting of Suspected and Obvious Releases from Underground and Aboveground Storage Tank Systems".* Soil samples were collected and submitted for laboratory analysis of Gasoline Range Organics (GRO), Petroleum Volatile Organic Compounds (PVOC) and Naphthalene. Gasoline Range Organcis, PVOC and Naphthalene compounds were detected in several of the soil samples. However, none of the compounds were detected in excess of the Wisconsin Department of Natural Resources (WDNR) NR 720 Residual Contaminant Level (RCL), where established. A figure showing sample locations and a table summarizing analytical results are included as an attachment. A copy of the Underground Storage Tank Checklist was submitted to the Wisconsin Department of Commerce.

Please contact Richard Schaper at 608-742-4686, or myself at 608-617-7729 if you need any further information, or if you have any questions.

Respectfully Submitted,

GENERAL ENGINEERING COMPANY

Lynn M. Bradley

Lynn M. Bradley
Project Manager

Attachment A: Underground Storage Tank Closure Assessment Forms
Attachment B: Figures
Attachment C: Table
Attachment D: Analytical Results and Chain of Custody Documentation
Attachment E: Site Photographs

APPENDIX A
UNDERGROUND STORAGE TANK CLOSURE ASSESSMENT FORM

Complete One Form for Each System Service Event

The information you provide may be used for secondary purposes [Privacy Law, s.15.04 (1) (m), Wis. Stats.]

TANK SYSTEM SERVICE AND CLOSURE ASSESSMENT REPORT

CHECK ONE: ☒ UNDERGROUND ☐ ABOVEGROUND

FOR PORTIONS OF THE FORM THAT DO NOT APPLY, CHECK THE 'N/A' BOX

RETURN COMPLETED CHECKLIST TO:

Wisconsin Department of Commerce
ERS Division
Bureau of Petroleum Products and Tanks
P.O. Box 7837
Madison, WI 53707-7837

Part A – To be completed by contractor performing repair or closure

A. TYPE OF SERVICE ☒ CLOSURE ☐ REPAIR/UPGRADE ☐ CHANGE-IN-SERVICE

Indicate portion of system being serviced if a repair, upgrade or change-in-service is being performed

☐ Remote fill ☒ Tank ☒ Piping ☐ Transition/containment sump ☒ Spill bucket ☒ Dispenser

B. IDENTIFICATION (Please Print)

1. Facility Name: O Mart Convenience Centers LLC	2. Owner Name: Michael J Oviedt
Facility Street Address (not P.O. Box): 1930 University Ave	3. Contact Name: 1406 Cherry Rd — Job Title:
Municipality: ☒ City ☐ Village ☐ Town of: Green Bay	Mailing Address: Menitowoc
Zip Code: 54301 — County: Brown	Post Office: — State: WI — Zip Code: 54220
4. Primary Service Contractor Section A above: Schaper Exc + Petro LLC	County: — Telephone No. (include area code): ( )
Service Contractor Telephone No. (include area code): (608) 742-4686	Service Contractor Street Address: W11435 Adler Rd
	Service Contractor City, State, Zip Code: Portage Wi 53901

C. TANK SYSTEM DETAIL (Complete for all service activities)

a	b	c	d	e	f	g		h	
Tank ID #	Type of Closure[1]	Tank Material of Construction	Piping Material of Construction	Tank Capacity (gallons)	Contents[2]	Release - System Integrity Compromised (e.g. holes, cracks, loose connection, etc)?		If "Yes" to "g", Then Specify Source & Cause of Release[5]	
								Source of Release[3]	Cause of Release[4]
256049	P	Steel	Fiberglass	7500	UG	☐ Y	☒ N		
256050	P	Steel	Fiberglass	7500	UG	☐ Y	☒ N		
256051	P	Steel	Fiberglass	7500	UG	☒ Y	☐ N	TANK	Rust Hole
						☐ Y	☐ N		
						☐ Y	☐ N		
						☐ Y	☐ N		

1. Indicate type of closure: P = Permanent, TOS = Temporarily Out-of-Service, CIP = Closure In-Place

2. Indicate type of product: DL = Diesel, LG = Leaded Gasoline, UG = Unleaded Gasoline, FO = Fuel Oil, GH = Gasohol, AF = Aviation Fuel, K = Kerosene, PX = Premix, WO = Waste/Used Motor Oil, FCHZW = Flammable/Combustible Hazardous Waste, OC = Other Chemical (indicate the chemical name(s):

CAS number(s):

3. Source of release: T = tank, P = piping, D = dispenser, STP = submersible turbine pump, DP = delivery problem, O = other

4. Cause of release: S = spill, O = overfill, BOMD = physical or mechanical damage, C = corrosion, IP = installation problem, O = other

5. Has release been reported to the Department of Natural Resources? ☐ Yes ☐ No ☐ Release not evident at this time

D. CLOSURES (Check applicable box at right in response to all statements in section D)

Written notification was provided to the local agent 15 days in advance of closure date. ☒ Y ☐ N

All local permits were obtained before beginning closure. ☒ Y ☐ N ☐ NA

☒ UST Form ERS-7437 or ☐ AST Form ERS-8731 filed by owner with the Dept. of Commerce indicating closure. ☒ Y ☐ N ☐ NA

NOTE: TANK INVENTORY FORM ERS-7437 or ERS-8731 SIGNED BY THE OWNER MUST BE SUBMITTED WITH EACH CLOSURE or CHANGE-IN-SERVICE CHECKLIST

D.1 ☐ TEMPORARILY OUT-OF-SERVICE	Remover Verified	Inspector Verified	NA
1. Product removed.			
a. Product lines drained into tank (or other container) and liquid removed, and	☐Y ☐N	☐Y ☐N	☐
b. All product removed to bottom of suction line, OR	☐Y ☐N	☐Y ☐N	☐
c. All product removed to within 1" of bottom.	☐Y ☐N	☐Y ☐N	☐
2. Fill pipe, gauge pipe, tank truck vapor recovery fittings and vapor return lines capped.	☐Y ☐N	☐Y ☐N	☐
3. All product lines at the islands or pumps located elsewhere are removed and capped, OR	☐Y ☐N	☐Y ☐N	☐

4. Dispensers/pumps left in place but locked and power disconnected.	☐Y ☐N	☐Y ☐N	☐
5. Vent lines left open.	☐Y ☐N	☐Y ☐N	☐
6. Inventory form filed indicating temporarily out-of-service (TOS) closure.	☐Y ☐N	☐Y ☐N	☐

D.2. ☒ CLOSURE BY REMOVAL OR IN-PLACE

1. General Requirements			
a. Product from piping drained into tank (or other container).	☒Y ☐N	☒Y ☐N	☐
b. Piping disconnected from tank and removed.	☒Y ☐N	☒Y ☐N	☐
c. All liquid and residue removed from tank using explosion-proof pumps or hand pumps.	☒Y ☐N	☒Y ☐N	☐
d. All pump motors and suction hoses bonded to tank or otherwise grounded.	☒Y ☐N	☒Y ☐N	☐
e. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.	☒Y ☐N	☒Y ☐N	☐
f. Vent lines left connected until tanks purged.	☒Y ☐N	☒Y ☐N	☐
g. Tank openings temporarily plugged so vapors exit through vent.	☒Y ☐N	☒Y ☐N	☐
h. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section E.	☒Y ☐N	☒Y ☐N	☐
2. Specific Closure-by-Removal Requirements			
a. Tank removed from excavation after **PURGING/INERTING**; placed on level ground and blocked to prevent movement.	☒Y ☐N	☒Y ☐N	☐
b. Tank cleaned before being removed from site.	☒Y ☐N	☒Y ☐N	☐
c. Tank labeled in 2" high letters after removal but before being moved from site.	☒Y ☐N	☒Y ☐N	☐
NOTE: **COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CONTENTS; VAPOR STATE; VAPOR FREEING TREATMENT; DATE.**			
d. Tank vent hole (1/8" in uppermost part of tank) installed prior to moving the tank from site.	☐Y ☐N	☐Y ☐N	☒
e. Site security is provided while the excavation is open.	☒Y ☐N	☒Y ☐N	☐
3. Specific Closure-in-Place Requirements			
NOTE: **CLOSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF COMMERCE OR LOCAL AGENT.**			
a. Tank properly cleaned to remove all sludge and residue.	☐Y ☐N	☐Y ☐N	☐
b. Solid inert material (sand, cyclone boiler slag, or pea gravel recommended) introduced and tank filled.	☐Y ☐N	☐Y ☐N	☐
c. Vent line disconnected or removed.	☐Y ☐N	☐Y ☐N	☐
d. Inventory form filed by owner with the Department of Commerce indicating closure in-place.	☐Y ☐N	☐Y ☐N	☐

E. REPAIR, UPGRADE OR CHANGE-IN-SERVICE

Written notification was provided to the local agent 15 days in advance of service date.	☐ Y	☐ N	☐ NA
All local permits were obtained before beginning service.	☐ Y	☐ N	☐ NA
Form ERS-7437 or ☐ ERS-8731 filed by owner with the Department of Commerce indicating change-in-service.	☐ Y	☐ N	☐ NA

F. METHOD OF VAPOR FREEING OF TANK

☒ Displacement of vapors by eductor or diffused air blower.
Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of 12 feet above ground.
Diffused air blower bonded and drop tube removed. Air pressure not exceeding 5 psig.

☐ Inert gas using dry ice or liquid carbon dioxide.

☐ Inert gas using CO_2 or N_2 **NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. LEL METERS MAY NOT FUNCTION ACCURATELY. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT.**
Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank opposite the vent.
Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing device grounded.

☒ Readings of 10% or less of the lower flammable range (LEL) or 0% oxygen obtained before removing tank from ground.

☒ Tank atmosphere monitored for flammable or combustible vapor levels prior to and during cleaning and cutting.

☒ Calibrate combustible gas indicator and/or oxygen meter prior to use. Drop tube removed prior to checking atmosphere. Tank space monitored at bottom, middle and upper portion of tank.

G. REMOVER/CLEANER INFORMATION

Remover/Cleaner Name (print)	Remover/Cleaner Signature	Certification No.	Date Signed
Richard Schaper	Richard Schaper	RJF000	5/12/2010

I attest that the procedures and information which I have provided as the tank closure contractor are correct and comply with Comm 10.

Company expected to perform soil contamination assessment: General Engineering

H. INSPECTOR INFORMATION

Inspector Name (print)	Inspector Signature	Inspector Cert #	LPO Agency #:
LeRoy A. Nordmeyer		262487	N/A

FDID # For Location Where Inspection Performed	Inspector Telephone Number	Date Signed
Green Bay F.D. 0504	262-275-8759	5/12/10

Part B – To be completed by environmental professional

Submit original Part B to the WDNR along with a copy of Part A

I. TANK-SYSTEM SITE ASSESSMENT (TSSA)

Site Name: Q Mart Convenience Center

Address: 1270 University Ave, Green Bay, WI

Note: Site name and address must match with Part A Section 1.

To determine if a TSSA is required, see Comm 10 and section II part B of *ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.*

If a TSSA is required, then follow the procedures detailed in *ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.*

1. Site Information

a. Has there been a previously documented release at this site? ☐ Y ☐ N Spill Unknown

If yes, provide the Commerce # —, or DNR BRRT's # —.

b. Number of active tanks[1] at facility prior to completion of current services USTs 3 ASTs ____.

(NOTE 1: Do not include previously closed systems or system components.)

c. Excavation/trench dimensions (in feet). (Photos must be provided.)

EXCAVATION/TRENCH #	LENGTH	WIDTH	DEPTH
1	30	30	12'
2			
3			

2. Visual Excavation/Trench Inspection (Photos must be provided for "Yes" responses, except item b.)

Do any of the following conditions exist in or about the excavation(s)?

a. Stained soils: ☑ Y ☐ N b. Petroleum odor: ☑ Y ☐ N c. Water In excavation/trench: ☑ Y ☐ N

d. Free product in the excavation/trench: ☐ Y ☑ N e. Sheen or free product on water: ☐ Y ☑ N

3. Geology/Hydrogeology

a. Depth to groundwater 9 1/2 feet b. Indicate type of geology[2] Sandy Silt

(Note 2: Use these symbols individually or in combination as appropriate: C = Clay, SLT = Silt, S = Sand, Gr = Gravel)

4. Receptors

a. Water supply well(s) within 250 feet of the facility? ☐ Y ☑ N If yes, specify ____

b. Surface water(s) within 1000 feet of the facility? ☑ Y ☐ N If yes, specify Fox River

5. Sampling

a. Follow the procedures detailed in *ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.*

b. Complete Tables 1 and 2 as appropriate. (Attach chain-of-custody and laboratory analytical reports.)

c. Attach a detailed map of site features and sample locations.

J. NOTE RELEVANT OBSERVATIONS, SPECIFIC PROBLEMS OR CONCERNS BELOW

None

TABLE 1 SOIL FIELD SCREENING & GRO/DRO LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	Sample Location & Soil/Geologic Description	Sample Collection Method				Depth Below Tank/Piping (feet)	Field Screening Result (ppm)	GRO (mg/kg)	DRO (mg/kg)
		Grab	Shelby Tube	Direct Push	Split Spoon				
1	T-1A	☑	☐	☐	☐	9'	0	<2.9	
2	T-1B	☑	☐	☐	☐	9'	0	<3.0	
3	T-1C	☑	☐	☐	☐	9'	6	<3.8	
4	T-2A	☑	☐	☐	☐	9'	31	3.4	
5	T-2B	☑	☐	☐	☐	9'	37	9.5	
6	T-2C	☑	☐	☐	☐	9'	46	11.6	
7	T-3A	☑	☐	☐	☐	9'	28	<2.7	
8	T-3B	☑	☐	☐	☐	9'	38	<2.8	
9	T-3C	☑	☐	☐	☐	9'	74	2.3	
10	D1	☑	☐	☐	☐	30"	28	<2.7	
11	D1	☑	☐	☐	☐	30"	38	<2.8	
12	D2	☑	☐	☐	☐	30"	3	<2.7	
13		☐	☐	☐	☐				
14		☐	☐	☐	☐				

TABLE 2 SOIL LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	BENZENE	TOLUENE	ETHYLBENZENE	MTBE	TRIMETHYL - BENZENES (TOTAL)	XYLENES (TOTAL)	NAPHTHALENE
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
1	<25	<25	<25	<25	<50	<75	<25
2	<25	<25	<25	<25	<50	<599	<25
3	27.5J	34.0J	27.5J	<25	185J	3742	30.8J
4	<25	<25	<25	<25	439	1446	76.8
5	<25	118	126	<25	1278	1022	266
6	<25	52.2	44.9J	<25	1417	631	195
7	<25	<25	<25	<25	1010	83.8	35.5
8	<25	<25	<25	<25	226.5	135.3	52.2J
9	<25	31.8	56.3J	<25	1254	565	150
10	<25	<25	<25	<25	74.9	<75	<25
11	47.7J	188	450J	<25	233.5J	383	<25
12	<25	29.1J	<25	<25	61.4J	<75	<25

K. TANK-SYSTEM SITE ASSESSMENT INFORMATION

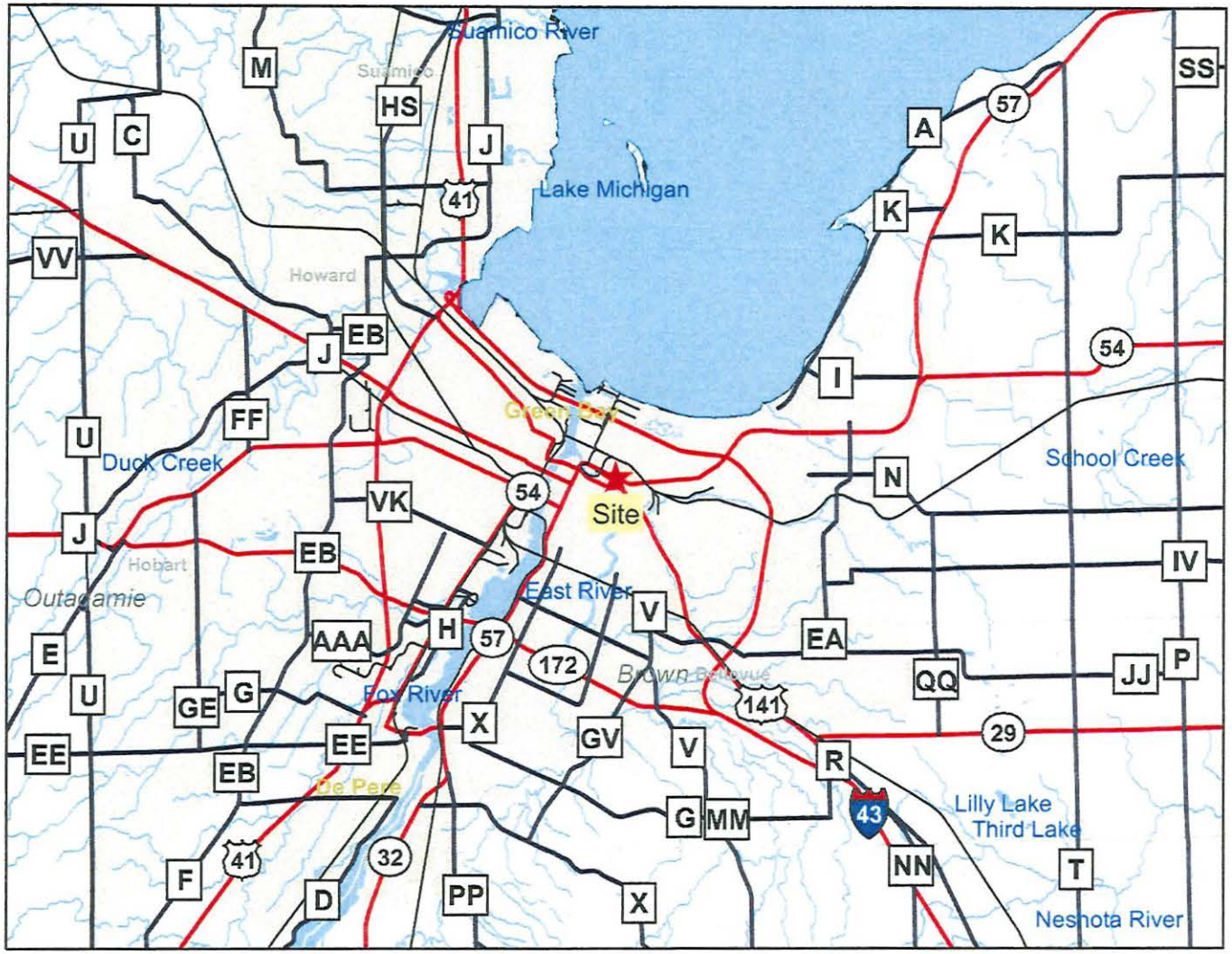
☐ As a tank-system site assessor certified under Wis. Admin. Code section Comm 5.83, it is my opinion that there is no indication of a release of a regulated substance to the environment.

☑ Sampling at the site indicates there has been a release to the environment. Pursuant to Wis. Admin. Code section Comm 10.585 (2) (a) and Wis. Stats. section 292.11 (2) (a), the owner or operator or contractor performing work under chapter Comm 10 shall immediately report any release of a regulated substance to the Wisconsin Department of Natural Resources. Failure to do so may result in forfeitures of a minimum of $10 and a maximum of $5000 for each violation under Wis. Stats. section 101.09 (5). Each day of continued violation and each tank are treated as separate offenses.

Tank-System Site Assessor Name (print)	Tank-System Site Assessor Signature	Certification Number #
Richard Schaper	Richard Schaper	929000
Tank-System Site Assessor Telephone Number	**Date Signed**	**Company Name**
608-742-4686	5-23-10	Schaper Excavating

APPENDIX B
FIGURES

Regional Site Location Map



Legend

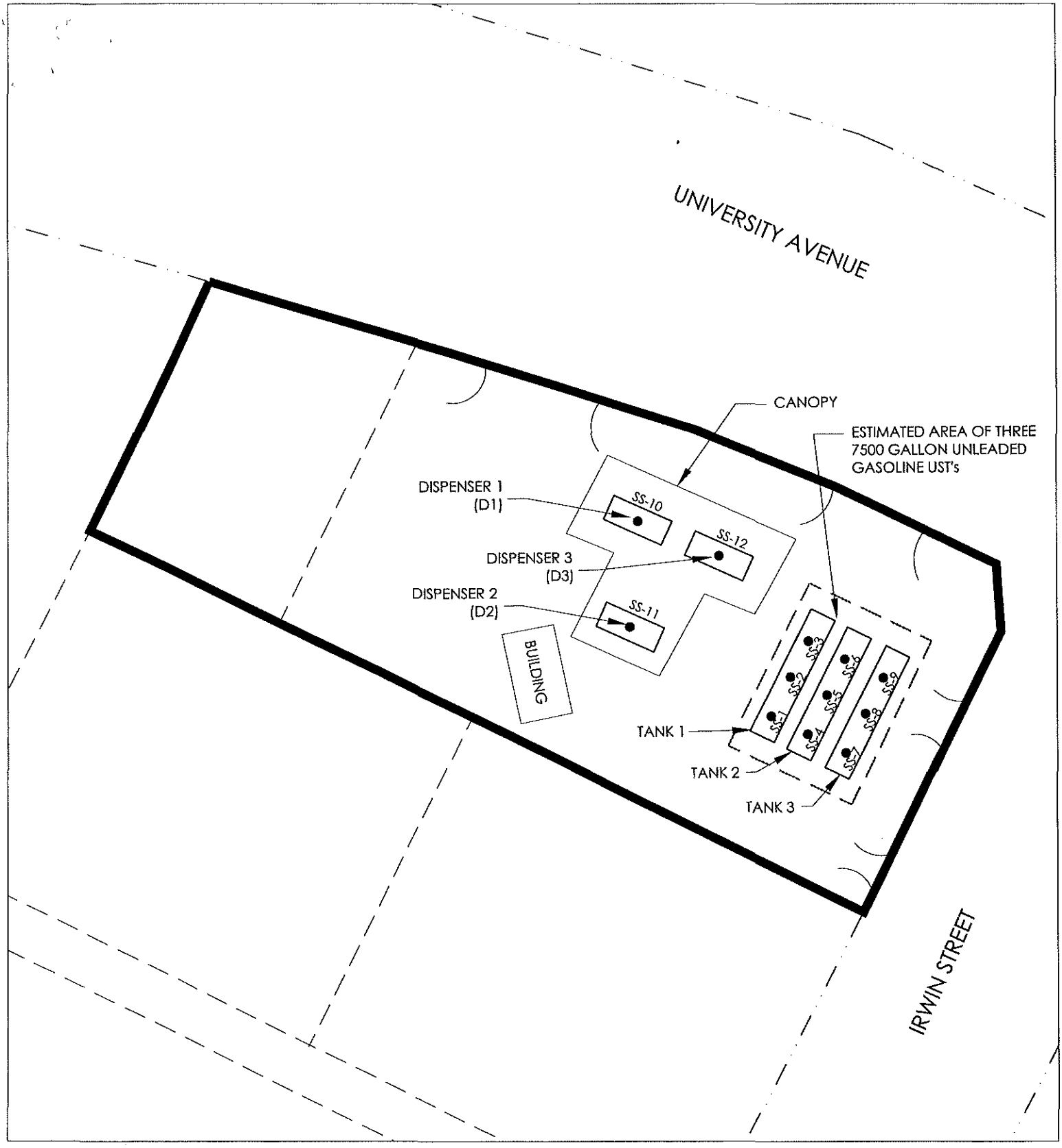
- County Boundary
- Railroads
- County Roads (WDOT)
- County Trunk Highway
- State and U.S. Highways (WDOT)
- State Trunk Highway
- US Highway
- Interstate Highways (WDOT)
- Interstate Highway
- Civil Towns
- Civil Town
- 24K Open Water
- 100K Rivers and Streams
- Municipalities
- Village
- City

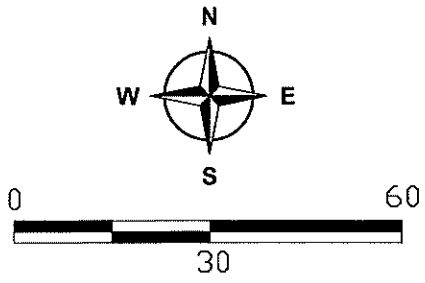
0 3.5 7 10.5 mi.

Map created on Jun 23, 2010

Note: Not all RR Sites have been geo-located yet.

Scale: 1:193,117





Sample Location Plan
Q-Mart Convenience Center
1270 University Ave.

GENERAL ENGINEERING COMPANY
916 Silver Lake Drive
P.O. Box 340
Portage, WI 53901
608-742-2169
608-742-2592 Fax
gec@generalengineering.net

DATE 6-18-10
BY
GEC FILE NO0908-164F

SHEET TITLE
1.0

APPENDIX C
TABLES

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS
Q-MART CONVENIENCE STORE
0908-164F

Sample No.	NR 720 RCL	NR 746 SSL	NR 746 DCL	T-1A	T-1B	T-1C	T-2A	T-2B	T-2C	T-3A	T-3B	T-3C	P-1	D-1	D-2
Sampling Date				5/12/10	5/12/10	5/12/10	5/12/10	5/12/10	5/12/10	5/12/10	5/12/10	5/12/10	5/12/10	5/12/10	5/12/10
GASOLINE RANGE ORGANICS (GRO), DIESEL RANGE ORGANICS (DRO) (mg/kg)															
GRO	0	NE	NE	<2.9	<3.0	3.8	3.4	9.5	11.6	<2.7	<2.8	7.3	<2.7	<2.8	<2.7
PETROLEUM VOLATILE ORGANIC COMPOUNDS (PVOC) (µg/kg)															
Benzene	5.5	8500	1100	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	47.7J	<25
Ethylbenzene	2900	4600	NE	<25	<25	27.5J	<25	125	44.9J	<25	<25	56.3J	<25	45.0J	<25
Methyl tert-butyl ether	NE	NE	NE	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Naphthalene	NE	NE	NE	<25	<25	36.8J	76.8	266	195	35.5J	52.2J	150	<25	<25	<25
Toluene	1500	38000	NE	<25	<25	34.0J	<25	118	52.2J	<25	<25	31.8J	<25	188	29.1J
1,2,4-Trimethylbenzene	NE	83000	NE	<25	<25	139	330	942	928	70.4	157	871	49.9J	168	36.4J
1,3,5-Trimethylbenzene	NE	11000	NE	<25	<25	46.1J	109	336	489	30.6J	69.5	383	<25	65.5J	<25
Xylenes, -m, -p	4100	42000	NE	<75	<499	3742	646	1022	631	<83.8J	135.3	565	<75	383	<75
Xylenes, -o															

mg/kg = milligrams per kilogram
µg/kg = micrograms per kilogram
RCL = Residual Contaminant Level
SSL = Soil Screening Level
DCL = Direct Contact Level
NA = Parameter not analyzed
NE = NR 720 RCL not established
Q = Analyte detected above laboratory limit of detection but below limit of quantitation.
Bold indicates analytical results exceed NR 720 RCL

APPENDIX D
ANALYTICAL RESULTS AND CHAIN OF CUSTODY DOCUMENTATION

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

May 20, 2010

Lynn Bradley
General Engineering
916 Silver Lake Dr
Portage, WI 53901

RE: Project: CLARK STATION
Pace Project No.: 4031958

Dear Lynn Bradley:
Enclosed are the analytical results for sample(s) received by the laboratory on May 18, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

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

Sincerely,

Brian Basten

brian.basten@pacelabs.com
Project Manager

Enclosures

Pace Analytical®
www.pacelabs.com

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

CERTIFICATIONS

Project: CLARK STATION
Pace Project No.: 4031958

Green Bay Certification IDs
California Certification #: 09268CA
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
1241 Bellevue Street Green Bay, WI 54302
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
New York Certification #: 11887

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Green Bay, WI 54302
(920)469-2436

SAMPLE SUMMARY

Project: CLARK STATION
Pace Project No.: 4031958

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4031958001	T-1A	Solid	05/12/10 00:00	05/18/10 08:10
4031958002	T-1B	Solid	05/12/10 00:00	05/18/10 08:10
4031958003	T-1C	Solid	05/12/10 00:00	05/18/10 08:10
4031958004	T-2A	Solid	05/12/10 00:00	05/18/10 08:10
4031958005	T-2B	Solid	05/12/10 00:00	05/18/10 08:10
4031958006	T-2C	Solid	05/12/10 00:00	05/18/10 08:10
4031958007	T-3A	Solid	05/12/10 00:00	05/18/10 08:10
4031958008	T-3B	Solid	05/12/10 00:00	05/18/10 08:10
4031958009	T-3C	Solid	05/12/10 00:00	05/18/10 08:10
4031958010	P1	Solid	05/12/10 00:00	05/18/10 08:10
4031958011	D1	Solid	05/12/10 00:00	05/18/10 08:10
4031958012	D2	Solid	05/12/10 00:00	05/18/10 08:10
4031958013	FIELD BLANK	Solid	05/12/10 00:00	05/18/10 08:10

Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

SAMPLE ANALYTE COUNT

Project: CLARK STATION
Pace Project No.: 4031958

Lab ID	Sample ID	Method	Analysts	Analytes Reported
4031958001	T-1A	WI MOD GRO	PMS	11
		ASTM D2974-87	AME	1
4031958002	T-1B	WI MOD GRO	PMS	11
		ASTM D2974-87	AME	1
4031958003	T-1C	WI MOD GRO	PMS	11
		ASTM D2974-87	AME	1
4031958004	T-2A	WI MOD GRO	PMS	11
		ASTM D2974-87	AME	1
4031958005	T-2B	WI MOD GRO	PMS	11
		ASTM D2974-87	AME	1
4031958006	T-2C	WI MOD GRO	PMS	11
		ASTM D2974-87	AME	1
4031958007	T-3A	WI MOD GRO	PMS	11
		ASTM D2974-87	AME	1
4031958008	T-3B	WI MOD GRO	PMS	11
		ASTM D2974-87	AME	1
4031958009	T-3C	WI MOD GRO	PMS	11
		ASTM D2974-87	AME	1
4031958010	P1	WI MOD GRO	PMS	11
		ASTM D2974-87	AME	1
4031958011	D1	WI MOD GRO	PMS	11
		ASTM D2974-87	AME	1
4031958012	D2	WI MOD GRO	PMS	11
		ASTM D2974-87	AME	1
4031958013	FIELD BLANK	WI MOD GRO	PMS	11

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Pace Analytical Services, Inc.
1241 Bellevue Street - Suite 9
Green Bay, WI 54302
(920)469-2436

ANALYTICAL RESULTS

Project: CLARK STATION
Pace Project No.: 4031958

Sample: T-1A **Lab ID: 4031958001** Collected: 05/12/10 00:00 Received: 05/18/10 08:10 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	05/19/10 07:24	05/19/10 15:25	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 15:25	100-41-4	W
Gasoline Range Organics	**<2.9**	mg/kg	2.9	2.9	1	05/19/10 07:24	05/19/10 15:25		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 15:25	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 15:25	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 15:25	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 15:25	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 15:25	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	05/19/10 07:24	05/19/10 15:25	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 15:25	95-47-6	W
a,a,a-Trifluorotoluene (S)	108	%-	80-120		1	05/19/10 07:24	05/19/10 15:25	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.1**	%	0.10	0.10	1		05/19/10 08:23		

Sample: T-1B **Lab ID: 4031958002** Collected: 05/12/10 00:00 Received: 05/18/10 08:10 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	05/19/10 07:24	05/19/10 15:51	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 15:51	100-41-4	W
Gasoline Range Organics	**<3.0**	mg/kg	3.0	3.0	1	05/19/10 07:24	05/19/10 15:51		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 15:51	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 15:51	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 15:51	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 15:51	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 15:51	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	05/19/10 07:24	05/19/10 15:51	179601-23-1	W
o-Xylene	**449**	ug/kg	71.5	29.8	1	05/19/10 07:24	05/19/10 15:51	95-47-6	
a,a,a-Trifluorotoluene (S)	107	%-	80-120		1	05/19/10 07:24	05/19/10 15:51	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**16.1**	%	0.10	0.10	1		05/19/10 08:24		

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ANALYTICAL RESULTS

Project: CLARK STATION
Pace Project No.: 4031958

Sample: T-1C **Lab ID: 4031958003** Collected: 05/12/10 00:00 Received: 05/18/10 08:10 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	05/19/10 07:24	05/19/10 16:16	71-43-2	W
Ethylbenzene	**27.5J**	ug/kg	66.0	27.5	1	05/19/10 07:24	05/19/10 16:16	100-41-4	
Gasoline Range Organics	**3.8**	mg/kg	2.8	2.8	1	05/19/10 07:24	05/19/10 16:16		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 16:16	1634-04-4	W
Naphthalene	**36.8J**	ug/kg	66.0	27.5	1	05/19/10 07:24	05/19/10 16:16	91-20-3	B
Toluene	**34.0J**	ug/kg	66.0	27.5	1	05/19/10 07:24	05/19/10 16:16	108-88-3	
1,2,4-Trimethylbenzene	**139**	ug/kg	66.0	27.5	1	05/19/10 07:24	05/19/10 16:16	95-63-6	
1,3,5-Trimethylbenzene	**46.1J**	ug/kg	66.0	27.5	1	05/19/10 07:24	05/19/10 16:16	108-67-8	
m&p-Xylene	**132**	ug/kg	132	55.0	1	05/19/10 07:24	05/19/10 16:16	179601-23-1	
o-Xylene	**3610**	ug/kg	66.0	27.5	1	05/19/10 07:24	05/19/10 16:16	95-47-6	
a,a,a-Trifluorotoluene (S)	108	%-	80-120		1	05/19/10 07:24	05/19/10 16:16	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**9.1**	%	0.10	0.10	1		05/19/10 08:24		

Sample: T-2A **Lab ID: 4031958004** Collected: 05/12/10 00:00 Received: 05/18/10 08:10 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	05/19/10 07:24	05/19/10 16:42	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 16:42	100-41-4	W
Gasoline Range Organics	**3.4**	mg/kg	2.8	2.8	1	05/19/10 07:24	05/19/10 16:42		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 16:42	1634-04-4	W
Naphthalene	**76.8**	ug/kg	67.5	28.1	1	05/19/10 07:24	05/19/10 16:42	91-20-3	B
Toluene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 16:42	108-88-3	W
1,2,4-Trimethylbenzene	**330**	ug/kg	67.5	28.1	1	05/19/10 07:24	05/19/10 16:42	95-63-6	
1,3,5-Trimethylbenzene	**109**	ug/kg	67.5	28.1	1	05/19/10 07:24	05/19/10 16:42	108-67-8	
m&p-Xylene	**159**	ug/kg	135	56.2	1	05/19/10 07:24	05/19/10 16:42	179601-23-1	
o-Xylene	**487**	ug/kg	67.5	28.1	1	05/19/10 07:24	05/19/10 16:42	95-47-6	
a,a,a-Trifluorotoluene (S)	109	%-	80-120		1	05/19/10 07:24	05/19/10 16:42	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.1**	%	0.10	0.10	1		05/19/10 08:24		

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ANALYTICAL RESULTS

Project: CLARK STATION
Pace Project No.: 4031958

Sample: T-2B **Lab ID: 4031958005** Collected: 05/12/10 00:00 Received: 05/18/10 08:10 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	05/19/10 07:24	05/19/10 17:07	71-43-2	W
Ethylbenzene	**126**	ug/kg	65.6	27.3	1	05/19/10 07:24	05/19/10 17:07	100-41-4	
Gasoline Range Organics	**9.5**	mg/kg	2.7	2.7	1	05/19/10 07:24	05/19/10 17:07		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 17:07	1634-04-4	W
Naphthalene	**266**	ug/kg	65.6	27.3	1	05/19/10 07:24	05/19/10 17:07	91-20-3	B
Toluene	**118**	ug/kg	65.6	27.3	1	05/19/10 07:24	05/19/10 17:07	108-88-3	
1,2,4-Trimethylbenzene	**942**	ug/kg	65.6	27.3	1	05/19/10 07:24	05/19/10 17:07	95-63-6	
1,3,5-Trimethylbenzene	**336**	ug/kg	65.6	27.3	1	05/19/10 07:24	05/19/10 17:07	108-67-8	
m&p-Xylene	**598**	ug/kg	131	54.7	1	05/19/10 07:24	05/19/10 17:07	179601-23-1	
o-Xylene	**424**	ug/kg	65.6	27.3	1	05/19/10 07:24	05/19/10 17:07	95-47-6	
a,a,a-Trifluorotoluene (S)	111	%-	80-120		1	05/19/10 07:24	05/19/10 17:07	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.6**	%	0.10	0.10	1		05/19/10 08:24		

Sample: T-2C **Lab ID: 4031958006** Collected: 05/12/10 00:00 Received: 05/18/10 08:10 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	05/19/10 07:24	05/19/10 17:33	71-43-2	W
Ethylbenzene	**44.9J**	ug/kg	64.7	26.9	1	05/19/10 07:24	05/19/10 17:33	100-41-4	
Gasoline Range Organics	**11.6**	mg/kg	2.7	2.7	1	05/19/10 07:24	05/19/10 17:33		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 17:33	1634-04-4	W
Naphthalene	**195**	ug/kg	64.7	26.9	1	05/19/10 07:24	05/19/10 17:33	91-20-3	B
Toluene	**52.2J**	ug/kg	64.7	26.9	1	05/19/10 07:24	05/19/10 17:33	108-88-3	
1,2,4-Trimethylbenzene	**928**	ug/kg	64.7	26.9	1	05/19/10 07:24	05/19/10 17:33	95-63-6	
1,3,5-Trimethylbenzene	**489**	ug/kg	64.7	26.9	1	05/19/10 07:24	05/19/10 17:33	108-67-8	
m&p-Xylene	**395**	ug/kg	129	53.9	1	05/19/10 07:24	05/19/10 17:33	179601-23-1	
o-Xylene	**236**	ug/kg	64.7	26.9	1	05/19/10 07:24	05/19/10 17:33	95-47-6	
a,a,a-Trifluorotoluene (S)	112	%-	80-120		1	05/19/10 07:24	05/19/10 17:33	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**7.2**	%	0.10	0.10	1		05/19/10 08:24		

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ANALYTICAL RESULTS

Project: CLARK STATION
Pace Project No.: 4031958

Sample: T-3A **Lab ID: 4031958007** Collected: 05/12/10 00:00 Received: 05/18/10 08:10 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	05/19/10 07:24	05/19/10 17:58	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 17:58	100-41-4	W
Gasoline Range Organics	**<2.7**	mg/kg	2.7	2.7	1	05/19/10 07:24	05/19/10 17:58		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 17:58	1634-04-4	W
Naphthalene	**35.5J**	ug/kg	65.3	27.2	1	05/19/10 07:24	05/19/10 17:58	91-20-3	B
Toluene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 17:58	108-88-3	W
1,2,4-Trimethylbenzene	**70.4**	ug/kg	65.3	27.2	1	05/19/10 07:24	05/19/10 17:58	95-63-6	
1,3,5-Trimethylbenzene	**30.6J**	ug/kg	65.3	27.2	1	05/19/10 07:24	05/19/10 17:58	108-67-8	
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	05/19/10 07:24	05/19/10 17:58	179601-23-1	W
o-Xylene	**33.8J**	ug/kg	65.3	27.2	1	05/19/10 07:24	05/19/10 17:58	95-47-6	
a,a,a-Trifluorotoluene (S)	108	%-	80-120		1	05/19/10 07:24	05/19/10 17:58	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.2**	%	0.10	0.10	1		05/19/10 08:24		

Sample: T-3B **Lab ID: 4031958008** Collected: 05/12/10 00:00 Received: 05/18/10 08:10 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	05/19/10 07:24	05/19/10 18:24	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 18:24	100-41-4	W
Gasoline Range Organics	**<2.8**	mg/kg	2.8	2.8	1	05/19/10 07:24	05/19/10 18:24		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 18:24	1634-04-4	W
Naphthalene	**52.2J**	ug/kg	67.8	28.2	1	05/19/10 07:24	05/19/10 18:24	91-20-3	B
Toluene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 18:24	108-88-3	W
1,2,4-Trimethylbenzene	**157**	ug/kg	67.8	28.2	1	05/19/10 07:24	05/19/10 18:24	95-63-6	
1,3,5-Trimethylbenzene	**69.5**	ug/kg	67.8	28.2	1	05/19/10 07:24	05/19/10 18:24	108-67-8	
m&p-Xylene	**74.0J**	ug/kg	136	56.5	1	05/19/10 07:24	05/19/10 18:24	179601-23-1	
o-Xylene	**61.3J**	ug/kg	67.8	28.2	1	05/19/10 07:24	05/19/10 18:24	95-47-6	
a,a,a-Trifluorotoluene (S)	107	%-	80-120		1	05/19/10 07:24	05/19/10 18:24	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.5**	%	0.10	0.10	1		05/19/10 08:24		

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ANALYTICAL RESULTS

Project: CLARK STATION
Pace Project No.: 4031958

Sample: T-3C **Lab ID: 4031958009** Collected: 05/12/10 00:00 Received: 05/18/10 08:10 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	05/19/10 10:19	05/19/10 16:36	71-43-2	W
Ethylbenzene	**56.3J**	ug/kg	75.8	31.6	1	05/19/10 10:19	05/19/10 16:36	100-41-4	
Gasoline Range Organics	**7.3**	mg/kg	3.2	3.2	1	05/19/10 10:19	05/19/10 16:36		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 16:36	1634-04-4	W
Naphthalene	**150**	ug/kg	75.8	31.6	1	05/19/10 10:19	05/19/10 16:36	91-20-3	
Toluene	**31.8J**	ug/kg	75.8	31.6	1	05/19/10 10:19	05/19/10 16:36	108-88-3	
1,2,4-Trimethylbenzene	**871**	ug/kg	75.8	31.6	1	05/19/10 10:19	05/19/10 16:36	95-63-6	
1,3,5-Trimethylbenzene	**383**	ug/kg	75.8	31.6	1	05/19/10 10:19	05/19/10 16:36	108-67-8	
m&p-Xylene	**422**	ug/kg	152	63.1	1	05/19/10 10:19	05/19/10 16:36	179601-23-1	
o-Xylene	**143**	ug/kg	75.8	31.6	1	05/19/10 10:19	05/19/10 16:36	95-47-6	
a,a,a-Trifluorotoluene (S)	104	%-	80-120		1	05/19/10 10:19	05/19/10 16:36	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**20.8**	%	0.10	0.10	1		05/19/10 08:24		

Sample: P1 **Lab ID: 4031958010** Collected: 05/12/10 00:00 Received: 05/18/10 08:10 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	05/19/10 10:19	05/19/10 17:02	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 17:02	100-41-4	W
Gasoline Range Organics	**<2.7**	mg/kg	2.7	2.7	1	05/19/10 10:19	05/19/10 17:02		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 17:02	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 17:02	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 17:02	108-88-3	W
1,2,4-Trimethylbenzene	**49.9J**	ug/kg	64.2	26.7	1	05/19/10 10:19	05/19/10 17:02	95-63-6	
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 17:02	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	05/19/10 10:19	05/19/10 17:02	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 17:02	95-47-6	W
a,a,a-Trifluorotoluene (S)	102	%-	80-120		1	05/19/10 10:19	05/19/10 17:02	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**6.5**	%	0.10	0.10	1		05/19/10 08:24		

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ANALYTICAL RESULTS

Project: CLARK STATION
Pace Project No.: 4031958

Sample: D1 **Lab ID: 4031958011** Collected: 05/12/10 00:00 Received: 05/18/10 08:10 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	**47.7J**	ug/kg	67.0	27.9	1	05/19/10 10:19	05/19/10 17:28	71-43-2	
Ethylbenzene	**45.0J**	ug/kg	67.0	27.9	1	05/19/10 10:19	05/19/10 17:28	100-41-4	
Gasoline Range Organics	**<2.8**	mg/kg	2.8	2.8	1	05/19/10 10:19	05/19/10 17:28		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 17:28	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 17:28	91-20-3	W
Toluene	**188**	ug/kg	67.0	27.9	1	05/19/10 10:19	05/19/10 17:28	108-88-3	
1,2,4-Trimethylbenzene	**168**	ug/kg	67.0	27.9	1	05/19/10 10:19	05/19/10 17:28	95-63-6	
1,3,5-Trimethylbenzene	**65.5J**	ug/kg	67.0	27.9	1	05/19/10 10:19	05/19/10 17:28	108-67-8	
m&p-Xylene	**272**	ug/kg	134	55.8	1	05/19/10 10:19	05/19/10 17:28	179601-23-1	
o-Xylene	**111**	ug/kg	67.0	27.9	1	05/19/10 10:19	05/19/10 17:28	95-47-6	
a,a,a-Trifluorotoluene (S)	105	%-	80-120		1	05/19/10 10:19	05/19/10 17:28	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.4**	%	0.10	0.10	1		05/19/10 08:24		

Sample: D2 **Lab ID: 4031958012** Collected: 05/12/10 00:00 Received: 05/18/10 08:10 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	05/19/10 10:19	05/19/10 17:53	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 17:53	100-41-4	W
Gasoline Range Organics	**<2.7**	mg/kg	2.7	2.7	1	05/19/10 10:19	05/19/10 17:53		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 17:53	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 17:53	91-20-3	W
Toluene	**29.1J**	ug/kg	65.4	27.2	1	05/19/10 10:19	05/19/10 17:53	108-88-3	
1,2,4-Trimethylbenzene	**36.4J**	ug/kg	65.4	27.2	1	05/19/10 10:19	05/19/10 17:53	95-63-6	
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 17:53	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	05/19/10 10:19	05/19/10 17:53	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 17:53	95-47-6	W
a,a,a-Trifluorotoluene (S)	103	%-	80-120		1	05/19/10 10:19	05/19/10 17:53	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.2**	%	0.10	0.10	1		05/19/10 08:24		

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ANALYTICAL RESULTS

Project: CLARK STATION
Pace Project No.: 4031958

Sample: FIELD BLANK **Lab ID: 4031958013** Collected: 05/12/10 00:00 Received: 05/18/10 08:10 Matrix: Solid

Results reported on a "wet-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	05/19/10 10:19	05/19/10 18:19	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 18:19	100-41-4	W
Gasoline Range Organics	**<2.5**	mg/kg	2.5	2.5	1	05/19/10 10:19	05/19/10 18:19		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 18:19	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 18:19	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 18:19	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 18:19	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 18:19	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	05/19/10 10:19	05/19/10 18:19	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 18:19	95-47-6	W
a,a,a-Trifluorotoluene (S)	102	%-	80-120		1	05/19/10 10:19	05/19/10 18:19	98-08-8	

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QUALITY CONTROL DATA

Project: CLARK STATION
Pace Project No.: 4031958

QC Batch: GCV/5073 Analysis Method: WI MOD GRO
QC Batch Method: TPH GRO/PVOC WI ext. Analysis Description: WIGRO Solid GCV
Associated Lab Samples: 4031958001, 4031958002, 4031958003, 4031958004, 4031958005, 4031958006, 4031958007, 4031958008

METHOD BLANK: 301728 Matrix: Solid
Associated Lab Samples: 4031958001, 4031958002, 4031958003, 4031958004, 4031958005, 4031958006, 4031958007, 4031958008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	05/19/10 13:43	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	05/19/10 13:43	
Benzene	ug/kg	<25.0	60.0	05/19/10 13:43	
Ethylbenzene	ug/kg	<25.0	60.0	05/19/10 13:43	
Gasoline Range Organics	mg/kg	<2.5	2.5	05/19/10 13:43	
m&p-Xylene	ug/kg	<50.0	120	05/19/10 13:43	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	05/19/10 13:43	
Naphthalene	ug/kg	<25.0	60.0	05/19/10 13:43	
o-Xylene	ug/kg	<25.0	60.0	05/19/10 13:43	
Toluene	ug/kg	<25.0	60.0	05/19/10 13:43	
a,a,a-Trifluorotoluene (S)	%-	108	80-120	05/19/10 13:43	

LABORATORY CONTROL SAMPLE & LCSD: 301729 301730

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	973	1030	97	103	80-120	6	20	
1,3,5-Trimethylbenzene	ug/kg	1000	996	1060	100	106	80-120	6	20	
Benzene	ug/kg	1000	911	960	91	96	80-120	5	20	
Ethylbenzene	ug/kg	1000	976	1030	98	103	80-120	6	20	
Gasoline Range Organics	mg/kg	10	9.2	9.6	92	96	80-120	5	20	
m&p-Xylene	ug/kg	2000	1950	2060	98	103	80-120	5	20	
Methyl-tert-butyl ether	ug/kg	1000	873	898	87	90	80-120	3	20	
Naphthalene	ug/kg	1000	1020	1060	102	106	80-120	4	20	
o-Xylene	ug/kg	1000	973	1030	97	103	80-120	5	20	
Toluene	ug/kg	1000	946	1000	95	100	80-120	6	20	
a,a,a-Trifluorotoluene (S)	%-				109	108	80-120			

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QUALITY CONTROL DATA

Project: CLARK STATION
Pace Project No.: 4031958

QC Batch: GCV/5076 Analysis Method: WI MOD GRO
QC Batch Method: TPH GRO/PVOC WI ext. Analysis Description: WIGRO Solid GCV
Associated Lab Samples: 4031958009, 4031958010, 4031958011, 4031958012, 4031958013

METHOD BLANK: 301825 Matrix: Solid
Associated Lab Samples: 4031958009, 4031958010, 4031958011, 4031958012, 4031958013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	05/19/10 13:11	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	05/19/10 13:11	
Benzene	ug/kg	<25.0	60.0	05/19/10 13:11	
Ethylbenzene	ug/kg	<25.0	60.0	05/19/10 13:11	
Gasoline Range Organics	mg/kg	<2.5	2.5	05/19/10 13:11	
m&p-Xylene	ug/kg	<50.0	120	05/19/10 13:11	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	05/19/10 13:11	
Naphthalene	ug/kg	<25.0	60.0	05/19/10 13:11	
o-Xylene	ug/kg	<25.0	60.0	05/19/10 13:11	
Toluene	ug/kg	<25.0	60.0	05/19/10 13:11	
a,a,a-Trifluorotoluene (S)	%-	100	80-120	05/19/10 13:11	

LABORATORY CONTROL SAMPLE & LCSD: 301826 301827

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	997	1020	100	102	80-120	2	20	
1,3,5-Trimethylbenzene	ug/kg	1000	1010	1040	101	104	80-120	3	20	
Benzene	ug/kg	1000	975	1000	97	100	80-120	3	20	
Ethylbenzene	ug/kg	1000	993	1030	99	103	80-120	4	20	
Gasoline Range Organics	mg/kg	10	8.2	8.6	82	86	80-120	5	20	
m&p-Xylene	ug/kg	2000	2010	2090	100	104	80-120	4	20	
Methyl-tert-butyl ether	ug/kg	1000	899	922	90	92	80-120	2	20	
Naphthalene	ug/kg	1000	903	1020	90	102	80-120	12	20	
o-Xylene	ug/kg	1000	1020	1060	102	106	80-120	4	20	
Toluene	ug/kg	1000	980	1010	98	101	80-120	3	20	
a,a,a-Trifluorotoluene (S)	%-				101	100	80-120			

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QUALITY CONTROL DATA

Project: CLARK STATION
Pace Project No.: 4031958

QC Batch: PMST/3965 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4031958001, 4031958002, 4031958003, 4031958004, 4031958005, 4031958006, 4031958007, 4031958008, 4031958009, 4031958010, 4031958011, 4031958012

SAMPLE DUPLICATE: 301479

Parameter	Units	4031957002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	54.0	54.8	1	10	

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QUALIFIERS

Project: CLARK STATION
Pace Project No.: 4031958

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.

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.

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

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

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
W	Non-detect results are reported on a wet weight basis.

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

4031958

Page: of

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: GENERAL ENGINEERING COMPANY	Report To: LYNN BRADLEY	Attention: LYNN BRADLEY
Address: 916 SILVER LAKE DRIVE	Copy To:	Company Name: GENERAL ENGINEERING COMPANY
PORTAGE, WI 53910		Address: 916 SILVER LAKE DRIVE, PORTAGE, WI 53901
Email To: lbradley@generalengineering.net	Purchase Order No.:	Pace Quote Reference:
Phone: 608-742-2169 Fax:608-742-2592	Project Name: CLARK STATION	Pace Project Manager:
Requested Due Date/TAT:	Project Number:	Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER____

SITE LOCATION: ☐ GA ☐ IL ☐ IN ☐ MI ☐ C ☐ OH ☐ SC ☐ WI ☐ OTHER____

Section D Required Client Information — SAMPLE ID: One Character per box. (A-Z, 0-9 / ,-) Samples IDs MUST BE UNIQUE

Valid Matrix Codes: MATRIX / CODE — DRINKING WATER DW, WATER WT, WASTE WATER WW, PRODUCT P, SOIL/SOLID SL, OIL OL, WIPE WP, AIR AR, OTHER OT, TISSUE TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	#OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	GRO/PVOC AND NAPH	%SOLID	Residual Chlorine (Y/N)	Pace Project Number Lab I.D.
1	T-1A	S		5/12/10	PM				2	1						1		X	X		001
2	T-1B	S		5/12/10	PM				2	1						1		X	X		002
3	T-1C	S		5/12/10	PM				2	1						1		X	X		003
4	T-2A	S		5/12/10	PM				2	1						1		X	X		004
5	T-2B-	S		5/12/10	PM				2	1						1		X	X		005
6	T-2C	S		5/12/10	PM				2	1						1		X	X		006
7	T-3A	S		5/12/10	PM				2	1						1		X	X		007
8	T-3B	S		5/12/10	PM				2	1						1		X	X		008
9	T-3C	S		5/12/10	PM				2	1						1		X	X		009
10	P1	S		5/12/10	PM				2	1						1		X	X		010
11	D1	S		5/12/10	PM				2	1						1		X	X		011
12	D2	S		5/12/10	PM				2	1						1		X	X		012
13	FIELD BLANK	S		5/12/10	PM				1	1								X	X		013

Additional Comments:

PLEASE NOTE THAT THE JARS WERE MISLABELED CENEX AND SHOULD HAVE READ CLARK

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Lynn Bradley	5/17		HARLAND ZILL	5-17-10		Y/N Y/N Y/N
Walter	5/18	8:10	[illegible]	5/18/10	8:10	Y/N Y/N Y/N
						Y/N Y/N Y/N
						Y/N Y/N Y/N

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Lynn Bradley

SIGNATURE of SAMPLER: Lynn Bradley DATE Signed (MM / DD / YY):

Temp in °C | Received on Ice | Custody Sealed Cooler | Samples Intact

E-File,(ALLQ020rev.3,31Mar05), 13Jun2005

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Sample Condition Upon Receipt

Client Name: General Eng Project # 4031958

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☑ Commercial ☐ Pace Other _____

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

Optional
Proj. Due Date:
Proj. Name:

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

Cooler Temperature NOL **Biological Tissue is Frozen:** ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 05/18/10
Initials: _____

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:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: 3		
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: _____

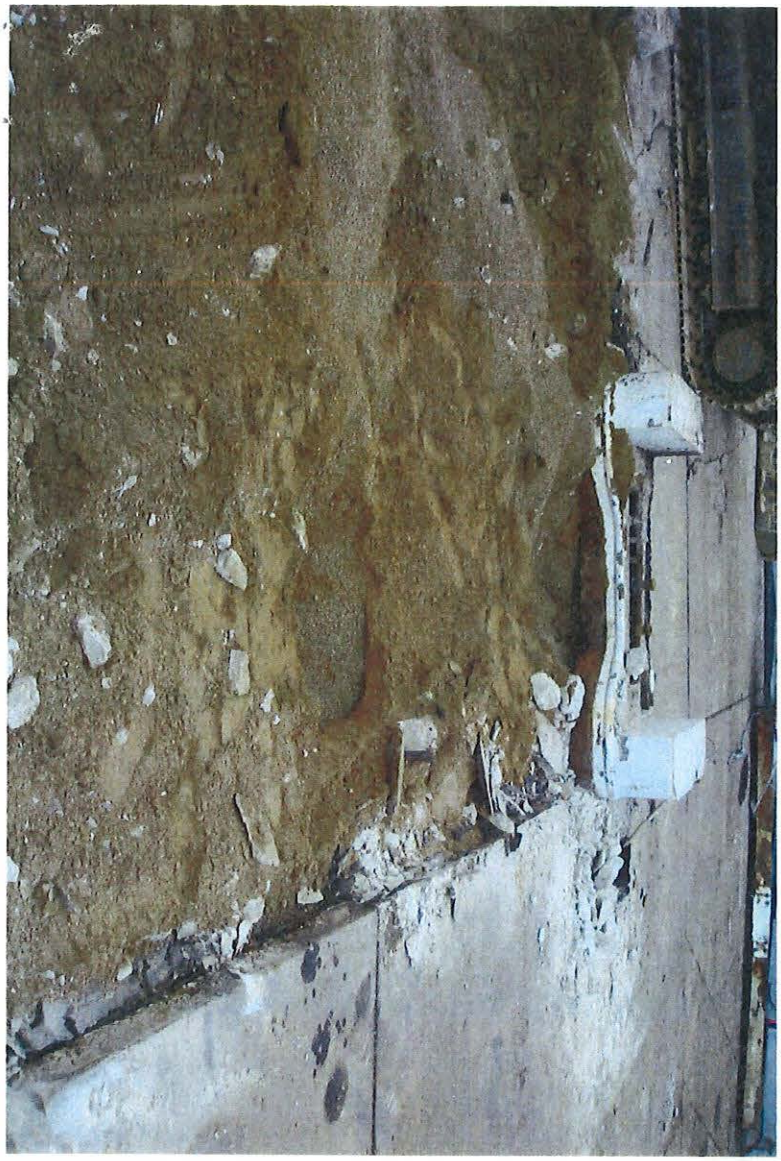
Project Manager Review: _____ **Date:** 5-18-10

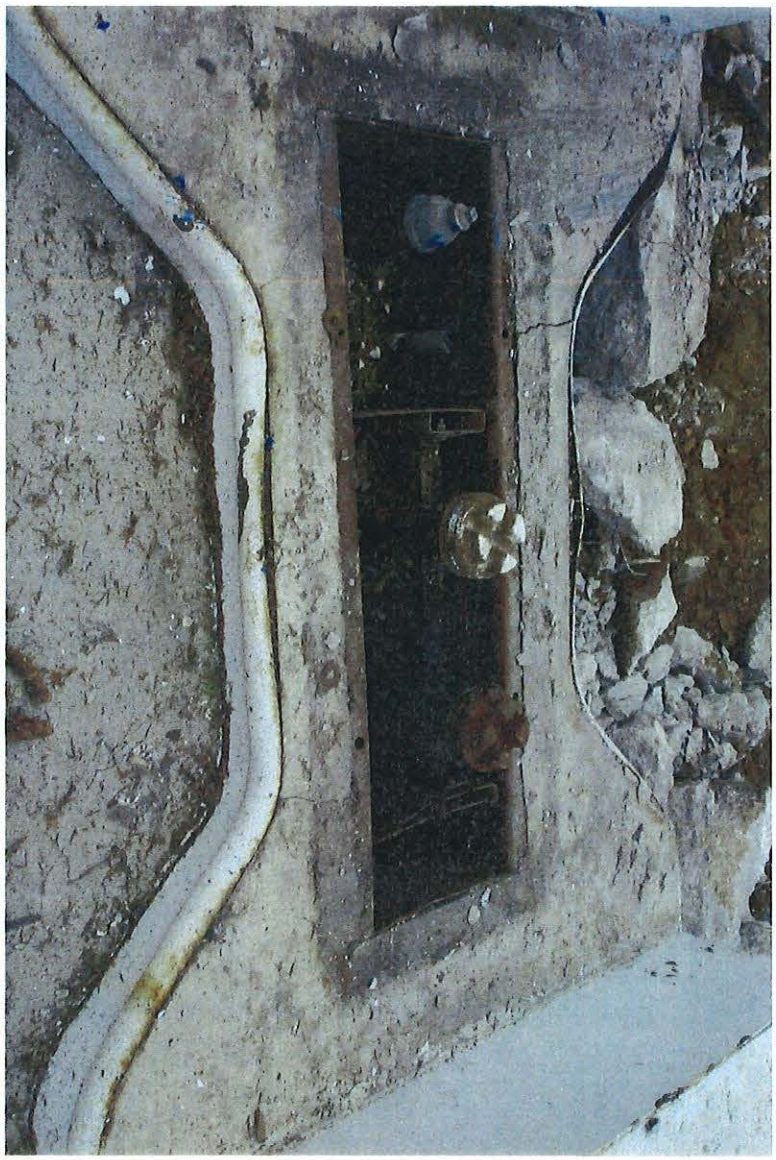
Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

APPENDIX E
SITE PHOTOGRAPHS

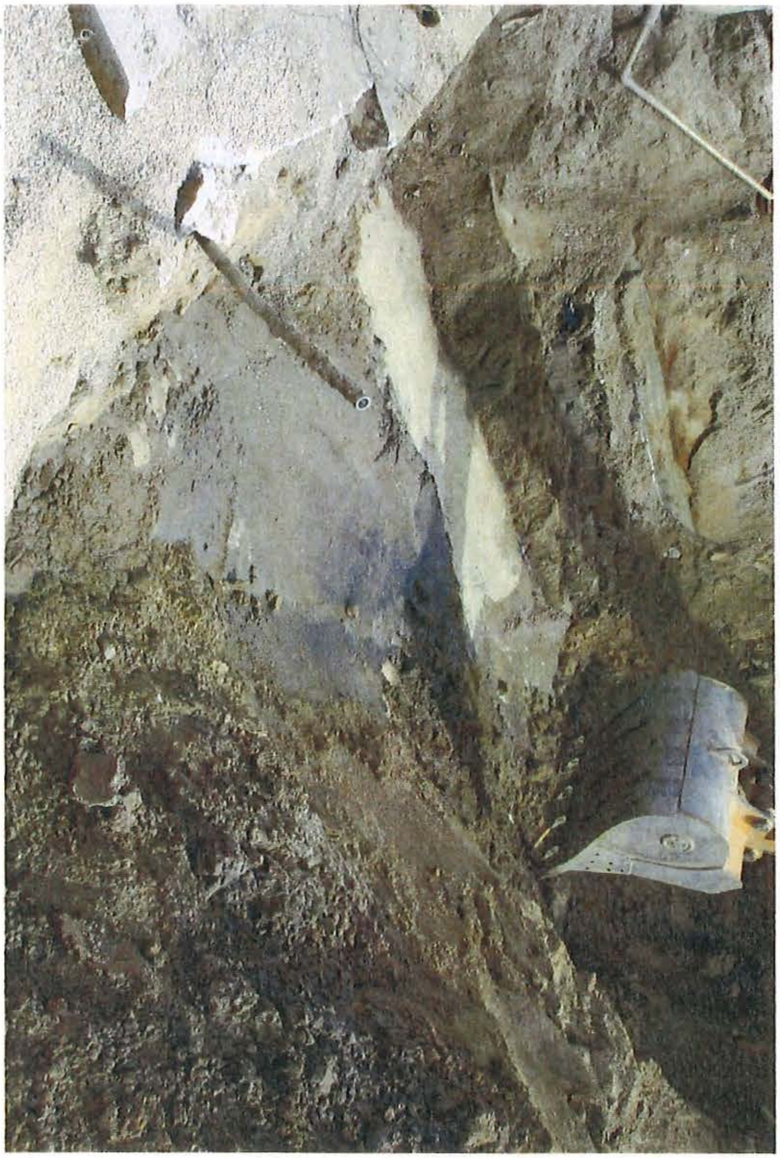

CLARK
CLARK


S185
TURBO
Bobcat

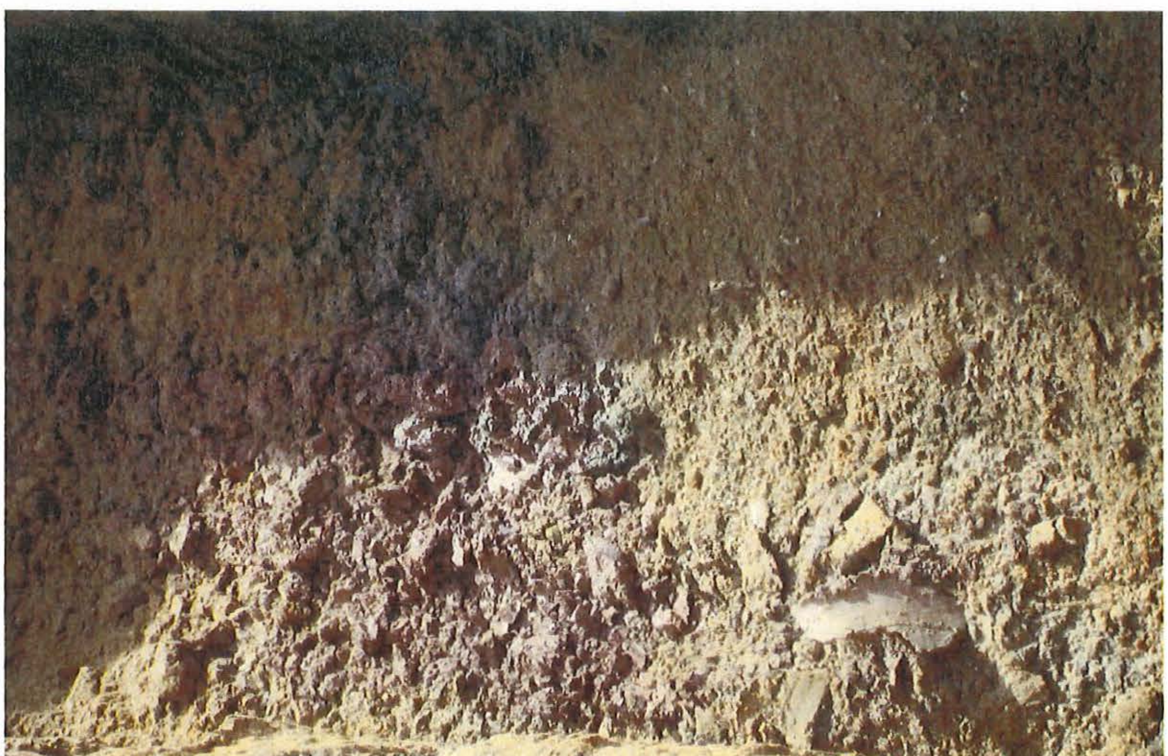


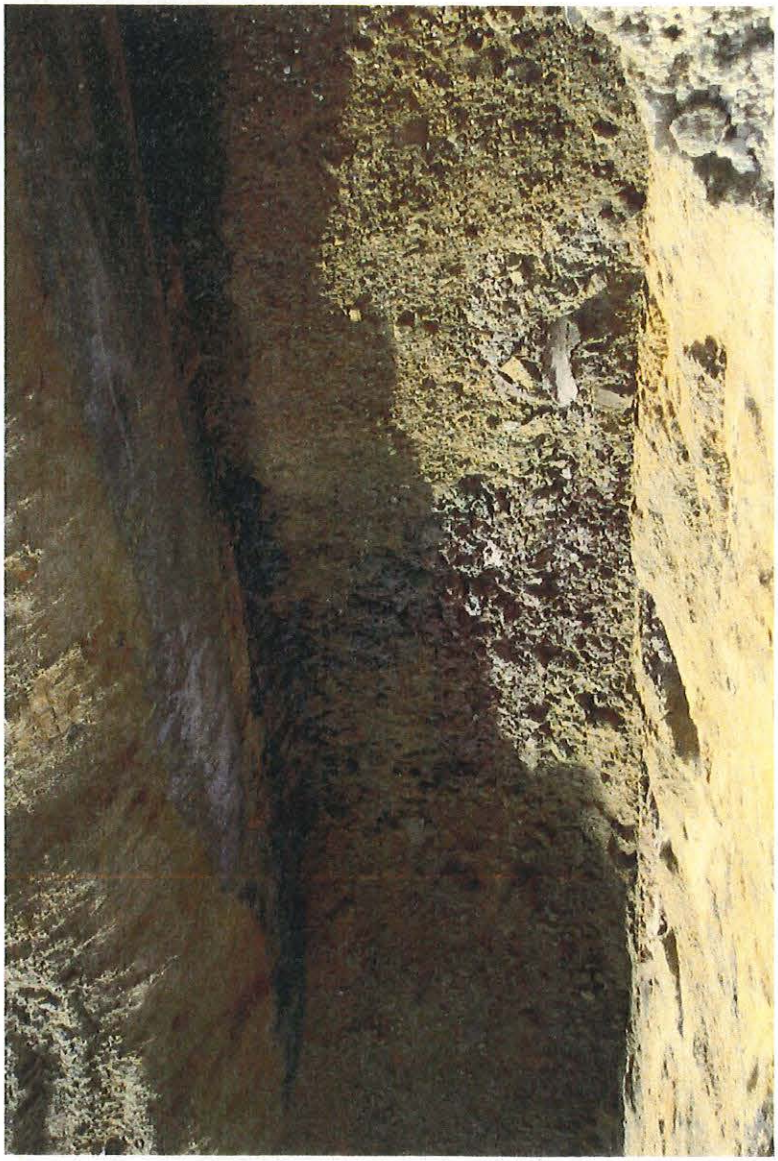


CASE




Unleaded
Free





CASE
CASE

Bobcat

CASE
CASE

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Green Bay, WI 54302

Pace Analytical

Sample Condition Upon Receipt

Client Name: General Eng Project # 4031958

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☑ Commercial ☐ Pace Other

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

Optional
Proj Due Date:
Proj Name:

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

Cooler Temperature WOL Biological Tissue is Frozen: ☐ yes ☐ no

Temp Blank Present: ☐ yes ☑ no

Person examining contents:
Date: 05/18/10
Initials:

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:	☑Yes ☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix:	3	
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: 5-18-10

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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(920)469-2436

May 20, 2010

Lynn Bradley
General Engineering
916 Silver Lake Dr
Portage, WI 53901

RE: Project: CLARK STATION
Pace Project No.: 4031958

Dear Lynn Bradley:
Enclosed are the analytical results for sample(s) received by the laboratory on May 18, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

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

Sincerely,

Brian Basten

brian.basten@pacelabs.com
Project Manager

Enclosures

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CERTIFICATIONS

Project: CLARK STATION
Pace Project No.: 4031958

Green Bay Certification IDs
California Certification #: 09268CA
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
1241 Bellevue Street Green Bay, WI 54302
New York Certification #: 11888
North Carolina Certification #: 503
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
Wisconsin Certification #: 405132750
Wisconsin DATCP Certification #: 105-444
New York Certification #: 11887

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SAMPLE SUMMARY

Project: CLARK STATION
Pace Project No.: 4031958

Lab ID	Sample ID	Matrix	Date Collected	Date Received
4031958001	T-1A	Solid	05/12/10 00:00	05/18/10 08:10
4031958002	T-1B	Solid	05/12/10 00:00	05/18/10 08:10
4031958003	T-1C	Solid	05/12/10 00:00	05/18/10 08:10
4031958004	T-2A	Solid	05/12/10 00:00	05/18/10 08:10
4031958005	T-2B	Solid	05/12/10 00:00	05/18/10 08:10
4031958006	T-2C	Solid	05/12/10 00:00	05/18/10 08:10
4031958007	T-3A	Solid	05/12/10 00:00	05/18/10 08:10
4031958008	T-3B	Solid	05/12/10 00:00	05/18/10 08:10
4031958009	T-3C	Solid	05/12/10 00:00	05/18/10 08:10
4031958010	P1	Solid	05/12/10 00:00	05/18/10 08:10
4031958011	D1	Solid	05/12/10 00:00	05/18/10 08:10
4031958012	D2	Solid	05/12/10 00:00	05/18/10 08:10
4031958013	FIELD BLANK	Solid	05/12/10 00:00	05/18/10 08:10

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SAMPLE ANALYTE COUNT

Project: CLARK STATION
Pace Project No.: 4031958

Lab ID	Sample ID	Method	Analysts	Analytes Reported
4031958001	T-1A	WI MOD GRO	PMS	11
		ASTM D2974-87	AME	1
4031958002	T-1B	WI MOD GRO	PMS	11
		ASTM D2974-87	AME	1
4031958003	T-1C	WI MOD GRO	PMS	11
		ASTM D2974-87	AME	1
4031958004	T-2A	WI MOD GRO	PMS	11
		ASTM D2974-87	AME	1
4031958005	T-2B	WI MOD GRO	PMS	11
		ASTM D2974-87	AME	1
4031958006	T-2C	WI MOD GRO	PMS	11
		ASTM D2974-87	AME	1
4031958007	T-3A	WI MOD GRO	PMS	11
		ASTM D2974-87	AME	1
4031958008	T-3B	WI MOD GRO	PMS	11
		ASTM D2974-87	AME	1
4031958009	T-3C	WI MOD GRO	PMS	11
		ASTM D2974-87	AME	1
4031958010	P1	WI MOD GRO	PMS	11
		ASTM D2974-87	AME	1
4031958011	D1	WI MOD GRO	PMS	11
		ASTM D2974-87	AME	1
4031958012	D2	WI MOD GRO	PMS	11
		ASTM D2974-87	AME	1
4031958013	FIELD BLANK	WI MOD GRO	PMS	11

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ANALYTICAL RESULTS

Project: CLARK STATION
Pace Project No.: 4031958

Sample: T-1A **Lab ID: 4031958001** Collected: 05/12/10 00:00 Received: 05/18/10 08:10 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	05/19/10 07:24	05/19/10 15:25	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 15:25	100-41-4	W
Gasoline Range Organics	**<2.9**	mg/kg	2.9	2.9	1	05/19/10 07:24	05/19/10 15:25		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 15:25	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 15:25	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 15:25	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 15:25	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 15:25	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	05/19/10 07:24	05/19/10 15:25	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 15:25	95-47-6	W
a,a,a-Trifluorotoluene (S)	108	%-	80-120		1	05/19/10 07:24	05/19/10 15:25	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.1**	%	0.10	0.10	1		05/19/10 08:23		

Sample: T-1B **Lab ID: 4031958002** Collected: 05/12/10 00:00 Received: 05/18/10 08:10 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	05/19/10 07:24	05/19/10 15:51	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 15:51	100-41-4	W
Gasoline Range Organics	**<3.0**	mg/kg	3.0	3.0	1	05/19/10 07:24	05/19/10 15:51		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 15:51	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 15:51	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 15:51	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 15:51	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 15:51	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	05/19/10 07:24	05/19/10 15:51	179601-23-1	W
o-Xylene	**449**	ug/kg	71.5	29.8	1	05/19/10 07:24	05/19/10 15:51	95-47-6	
a,a,a-Trifluorotoluene (S)	107	%-	80-120		1	05/19/10 07:24	05/19/10 15:51	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**16.1**	%	0.10	0.10	1		05/19/10 08:24		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: CLARK STATION
Pace Project No.: 4031958

Sample: T-1C **Lab ID: 4031958003** Collected: 05/12/10 00:00 Received: 05/18/10 08:10 Matrix: Solid

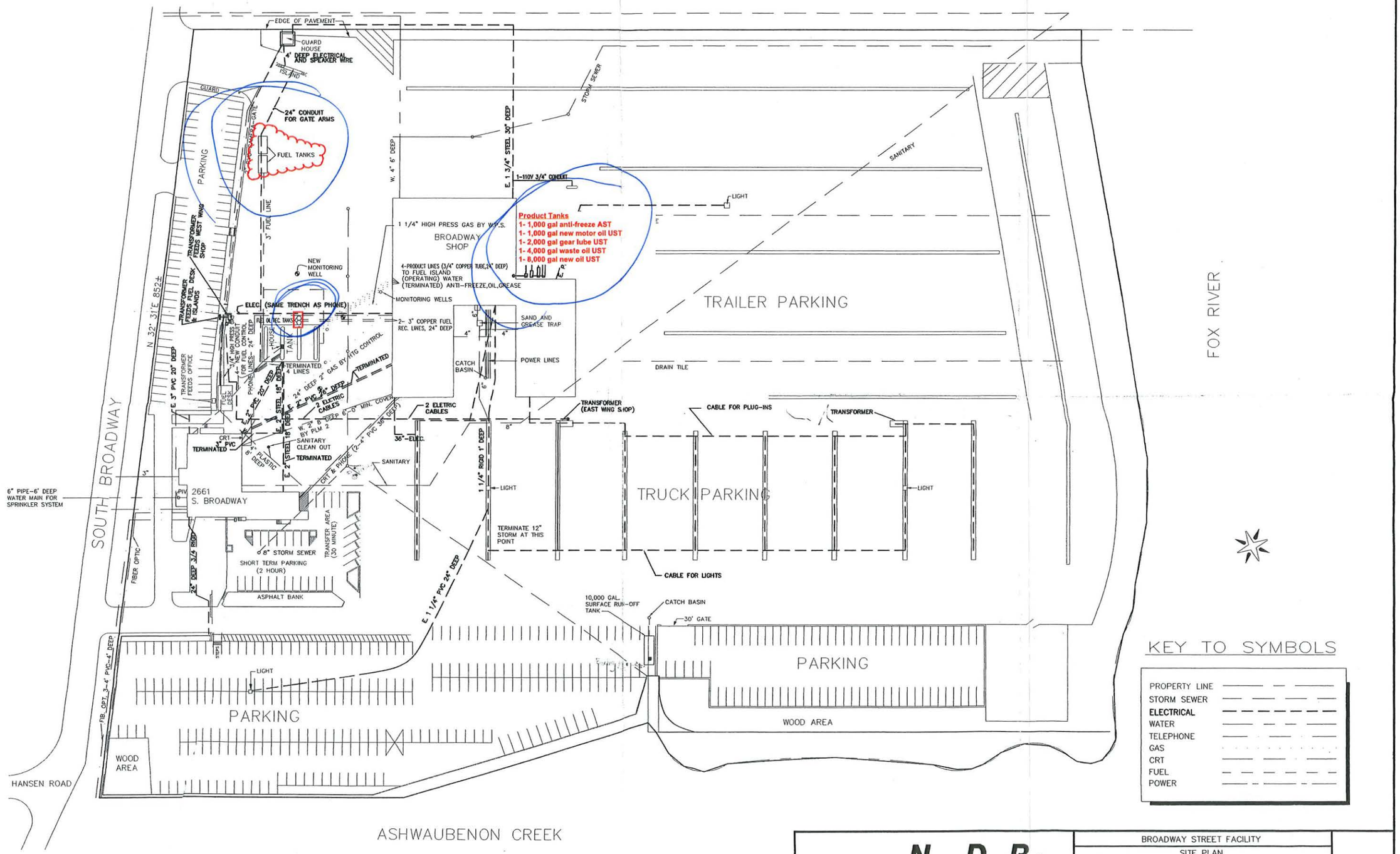
Results reported on a "dry-weight" basis

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	05/19/10 07:24	05/19/10 16:16	71-43-2	W
Ethylbenzene	**27.5J**	ug/kg	66.0	27.5	1	05/19/10 07:24	05/19/10 16:16	100-41-4	
Gasoline Range Organics	**3.8**	mg/kg	2.8	2.8	1	05/19/10 07:24	05/19/10 16:16		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 16:16	1634-04-4	W
Naphthalene	**36.8J**	ug/kg	66.0	27.5	1	05/19/10 07:24	05/19/10 16:16	91-20-3	B
Toluene	**34.0J**	ug/kg	66.0	27.5	1	05/19/10 07:24	05/19/10 16:16	108-88-3	
1,2,4-Trimethylbenzene	**139**	ug/kg	66.0	27.5	1	05/19/10 07:24	05/19/10 16:16	95-63-6	
1,3,5-Trimethylbenzene	**46.1J**	ug/kg	66.0	27.5	1	05/19/10 07:24	05/19/10 16:16	108-67-8	
m&p-Xylene	**132**	ug/kg	132	55.0	1	05/19/10 07:24	05/19/10 16:16	179601-23-1	
o-Xylene	**3610**	ug/kg	66.0	27.5	1	05/19/10 07:24	05/19/10 16:16	95-47-6	
a,a,a-Trifluorotoluene (S)	108	%-	80-120		1	05/19/10 07:24	05/19/10 16:16	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**9.1**	%	0.10	0.10	1		05/19/10 08:24		

Sample: T-2A **Lab ID: 4031958004** Collected: 05/12/10 00:00 Received: 05/18/10 08:10 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	05/19/10 07:24	05/19/10 16:42	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 16:42	100-41-4	W
Gasoline Range Organics	**3.4**	mg/kg	2.8	2.8	1	05/19/10 07:24	05/19/10 16:42		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 16:42	1634-04-4	W
Naphthalene	**76.8**	ug/kg	67.5	28.1	1	05/19/10 07:24	05/19/10 16:42	91-20-3	B
Toluene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 16:42	108-88-3	W
1,2,4-Trimethylbenzene	**330**	ug/kg	67.5	28.1	1	05/19/10 07:24	05/19/10 16:42	95-63-6	
1,3,5-Trimethylbenzene	**109**	ug/kg	67.5	28.1	1	05/19/10 07:24	05/19/10 16:42	108-67-8	
m&p-Xylene	**159**	ug/kg	135	56.2	1	05/19/10 07:24	05/19/10 16:42	179601-23-1	
o-Xylene	**487**	ug/kg	67.5	28.1	1	05/19/10 07:24	05/19/10 16:42	95-47-6	
a,a,a-Trifluorotoluene (S)	109	%-	80-120		1	05/19/10 07:24	05/19/10 16:42	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.1**	%	0.10	0.10	1		05/19/10 08:24		



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ANALYTICAL RESULTS

Project: CLARK STATION
Pace Project No.: 4031958

Sample: T-2B **Lab ID: 4031958005** Collected: 05/12/10 00:00 Received: 05/18/10 08:10 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	05/19/10 07:24	05/19/10 17:07	71-43-2	W
Ethylbenzene	**126**	ug/kg	65.6	27.3	1	05/19/10 07:24	05/19/10 17:07	100-41-4	
Gasoline Range Organics	**9.5**	mg/kg	2.7	2.7	1	05/19/10 07:24	05/19/10 17:07		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 17:07	1634-04-4	W
Naphthalene	**266**	ug/kg	65.6	27.3	1	05/19/10 07:24	05/19/10 17:07	91-20-3	B
Toluene	**118**	ug/kg	65.6	27.3	1	05/19/10 07:24	05/19/10 17:07	108-88-3	
1,2,4-Trimethylbenzene	**942**	ug/kg	65.6	27.3	1	05/19/10 07:24	05/19/10 17:07	95-63-6	
1,3,5-Trimethylbenzene	**336**	ug/kg	65.6	27.3	1	05/19/10 07:24	05/19/10 17:07	108-67-8	
m&p-Xylene	**598**	ug/kg	131	54.7	1	05/19/10 07:24	05/19/10 17:07	179601-23-1	
o-Xylene	**424**	ug/kg	65.6	27.3	1	05/19/10 07:24	05/19/10 17:07	95-47-6	
a,a,a-Trifluorotoluene (S)	111	%-	80-120		1	05/19/10 07:24	05/19/10 17:07	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.6**	%	0.10	0.10	1		05/19/10 08:24		

Sample: T-2C **Lab ID: 4031958006** Collected: 05/12/10 00:00 Received: 05/18/10 08:10 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	05/19/10 07:24	05/19/10 17:33	71-43-2	W
Ethylbenzene	**44.9J**	ug/kg	64.7	26.9	1	05/19/10 07:24	05/19/10 17:33	100-41-4	
Gasoline Range Organics	**11.6**	mg/kg	2.7	2.7	1	05/19/10 07:24	05/19/10 17:33		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 17:33	1634-04-4	W
Naphthalene	**195**	ug/kg	64.7	26.9	1	05/19/10 07:24	05/19/10 17:33	91-20-3	B
Toluene	**52.2J**	ug/kg	64.7	26.9	1	05/19/10 07:24	05/19/10 17:33	108-88-3	
1,2,4-Trimethylbenzene	**928**	ug/kg	64.7	26.9	1	05/19/10 07:24	05/19/10 17:33	95-63-6	
1,3,5-Trimethylbenzene	**489**	ug/kg	64.7	26.9	1	05/19/10 07:24	05/19/10 17:33	108-67-8	
m&p-Xylene	**395**	ug/kg	129	53.9	1	05/19/10 07:24	05/19/10 17:33	179601-23-1	
o-Xylene	**236**	ug/kg	64.7	26.9	1	05/19/10 07:24	05/19/10 17:33	95-47-6	
a,a,a-Trifluorotoluene (S)	112	%-	80-120		1	05/19/10 07:24	05/19/10 17:33	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**7.2**	%	0.10	0.10	1		05/19/10 08:24		

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ANALYTICAL RESULTS

Project: CLARK STATION
Pace Project No.: 4031958

Sample: T-3A **Lab ID: 4031958007** Collected: 05/12/10 00:00 Received: 05/18/10 08:10 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	05/19/10 07:24	05/19/10 17:58	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 17:58	100-41-4	W
Gasoline Range Organics	**<2.7**	mg/kg	2.7	2.7	1	05/19/10 07:24	05/19/10 17:58		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 17:58	1634-04-4	W
Naphthalene	**35.5J**	ug/kg	65.3	27.2	1	05/19/10 07:24	05/19/10 17:58	91-20-3	B
Toluene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 17:58	108-88-3	W
1,2,4-Trimethylbenzene	**70.4**	ug/kg	65.3	27.2	1	05/19/10 07:24	05/19/10 17:58	95-63-6	
1,3,5-Trimethylbenzene	**30.6J**	ug/kg	65.3	27.2	1	05/19/10 07:24	05/19/10 17:58	108-67-8	
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	05/19/10 07:24	05/19/10 17:58	179601-23-1	W
o-Xylene	**33.8J**	ug/kg	65.3	27.2	1	05/19/10 07:24	05/19/10 17:58	95-47-6	
a,a,a-Trifluorotoluene (S)	108	%-	80-120		1	05/19/10 07:24	05/19/10 17:58	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.2**	%	0.10	0.10	1		05/19/10 08:24		

Sample: T-3B **Lab ID: 4031958008** Collected: 05/12/10 00:00 Received: 05/18/10 08:10 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	05/19/10 07:24	05/19/10 18:24	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 18:24	100-41-4	W
Gasoline Range Organics	**<2.8**	mg/kg	2.8	2.8	1	05/19/10 07:24	05/19/10 18:24		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 18:24	1634-04-4	W
Naphthalene	**52.2J**	ug/kg	67.8	28.2	1	05/19/10 07:24	05/19/10 18:24	91-20-3	B
Toluene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 07:24	05/19/10 18:24	108-88-3	W
1,2,4-Trimethylbenzene	**157**	ug/kg	67.8	28.2	1	05/19/10 07:24	05/19/10 18:24	95-63-6	
1,3,5-Trimethylbenzene	**69.5**	ug/kg	67.8	28.2	1	05/19/10 07:24	05/19/10 18:24	108-67-8	
m&p-Xylene	**74.0J**	ug/kg	136	56.5	1	05/19/10 07:24	05/19/10 18:24	179601-23-1	
o-Xylene	**61.3J**	ug/kg	67.8	28.2	1	05/19/10 07:24	05/19/10 18:24	95-47-6	
a,a,a-Trifluorotoluene (S)	107	%-	80-120		1	05/19/10 07:24	05/19/10 18:24	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.5**	%	0.10	0.10	1		05/19/10 08:24		

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ANALYTICAL RESULTS

Project: CLARK STATION
Pace Project No.: 4031958

Sample: T-3C **Lab ID: 4031958009** Collected: 05/12/10 00:00 Received: 05/18/10 08:10 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	05/19/10 10:19	05/19/10 16:36	71-43-2	W
Ethylbenzene	**56.3J**	ug/kg	75.8	31.6	1	05/19/10 10:19	05/19/10 16:36	100-41-4	
Gasoline Range Organics	**7.3**	mg/kg	3.2	3.2	1	05/19/10 10:19	05/19/10 16:36		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 16:36	1634-04-4	W
Naphthalene	**150**	ug/kg	75.8	31.6	1	05/19/10 10:19	05/19/10 16:36	91-20-3	
Toluene	**31.8J**	ug/kg	75.8	31.6	1	05/19/10 10:19	05/19/10 16:36	108-88-3	
1,2,4-Trimethylbenzene	**871**	ug/kg	75.8	31.6	1	05/19/10 10:19	05/19/10 16:36	95-63-6	
1,3,5-Trimethylbenzene	**383**	ug/kg	75.8	31.6	1	05/19/10 10:19	05/19/10 16:36	108-67-8	
m&p-Xylene	**422**	ug/kg	152	63.1	1	05/19/10 10:19	05/19/10 16:36	179601-23-1	
o-Xylene	**143**	ug/kg	75.8	31.6	1	05/19/10 10:19	05/19/10 16:36	95-47-6	
a,a,a-Trifluorotoluene (S)	104	%-	80-120		1	05/19/10 10:19	05/19/10 16:36	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**20.8**	%	0.10	0.10	1		05/19/10 08:24		

Sample: P1 **Lab ID: 4031958010** Collected: 05/12/10 00:00 Received: 05/18/10 08:10 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	05/19/10 10:19	05/19/10 17:02	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 17:02	100-41-4	W
Gasoline Range Organics	**<2.7**	mg/kg	2.7	2.7	1	05/19/10 10:19	05/19/10 17:02		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 17:02	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 17:02	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 17:02	108-88-3	W
1,2,4-Trimethylbenzene	**49.9J**	ug/kg	64.2	26.7	1	05/19/10 10:19	05/19/10 17:02	95-63-6	
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 17:02	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	05/19/10 10:19	05/19/10 17:02	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 17:02	95-47-6	W
a,a,a-Trifluorotoluene (S)	102	%-	80-120		1	05/19/10 10:19	05/19/10 17:02	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**6.5**	%	0.10	0.10	1		05/19/10 08:24		

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ANALYTICAL RESULTS

Project: CLARK STATION
Pace Project No.: 4031958

Sample: D1 **Lab ID: 4031958011** Collected: 05/12/10 00:00 Received: 05/18/10 08:10 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	**47.7J**	ug/kg	67.0	27.9	1	05/19/10 10:19	05/19/10 17:28	71-43-2	
Ethylbenzene	**45.0J**	ug/kg	67.0	27.9	1	05/19/10 10:19	05/19/10 17:28	100-41-4	
Gasoline Range Organics	**<2.8**	mg/kg	2.8	2.8	1	05/19/10 10:19	05/19/10 17:28		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 17:28	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 17:28	91-20-3	W
Toluene	**188**	ug/kg	67.0	27.9	1	05/19/10 10:19	05/19/10 17:28	108-88-3	
1,2,4-Trimethylbenzene	**168**	ug/kg	67.0	27.9	1	05/19/10 10:19	05/19/10 17:28	95-63-6	
1,3,5-Trimethylbenzene	**65.5J**	ug/kg	67.0	27.9	1	05/19/10 10:19	05/19/10 17:28	108-67-8	
m&p-Xylene	**272**	ug/kg	134	55.8	1	05/19/10 10:19	05/19/10 17:28	179601-23-1	
o-Xylene	**111**	ug/kg	67.0	27.9	1	05/19/10 10:19	05/19/10 17:28	95-47-6	
a,a,a-Trifluorotoluene (S)	105	%-	80-120		1	05/19/10 10:19	05/19/10 17:28	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**10.4**	%	0.10	0.10	1		05/19/10 08:24		

Sample: D2 **Lab ID: 4031958012** Collected: 05/12/10 00:00 Received: 05/18/10 08:10 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	05/19/10 10:19	05/19/10 17:53	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 17:53	100-41-4	W
Gasoline Range Organics	**<2.7**	mg/kg	2.7	2.7	1	05/19/10 10:19	05/19/10 17:53		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 17:53	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 17:53	91-20-3	W
Toluene	**29.1J**	ug/kg	65.4	27.2	1	05/19/10 10:19	05/19/10 17:53	108-88-3	
1,2,4-Trimethylbenzene	**36.4J**	ug/kg	65.4	27.2	1	05/19/10 10:19	05/19/10 17:53	95-63-6	
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 17:53	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	05/19/10 10:19	05/19/10 17:53	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 17:53	95-47-6	W
a,a,a-Trifluorotoluene (S)	103	%-	80-120		1	05/19/10 10:19	05/19/10 17:53	98-08-8	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**8.2**	%	0.10	0.10	1		05/19/10 08:24		

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ANALYTICAL RESULTS

Project: CLARK STATION
Pace Project No.: 4031958

Sample: FIELD BLANK **Lab ID: 4031958013** Collected: 05/12/10 00:00 Received: 05/18/10 08:10 Matrix: Solid

Results reported on a "wet-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	05/19/10 10:19	05/19/10 18:19	71-43-2	W
Ethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 18:19	100-41-4	W
Gasoline Range Organics	**<2.5**	mg/kg	2.5	2.5	1	05/19/10 10:19	05/19/10 18:19		
Methyl-tert-butyl ether	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 18:19	1634-04-4	W
Naphthalene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 18:19	91-20-3	W
Toluene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 18:19	108-88-3	W
1,2,4-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 18:19	95-63-6	W
1,3,5-Trimethylbenzene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 18:19	108-67-8	W
m&p-Xylene	**<50.0**	ug/kg	120	50.0	1	05/19/10 10:19	05/19/10 18:19	179601-23-1	W
o-Xylene	**<25.0**	ug/kg	60.0	25.0	1	05/19/10 10:19	05/19/10 18:19	95-47-6	W
a,a,a-Trifluorotoluene (S)	102	%-	80-120		1	05/19/10 10:19	05/19/10 18:19	98-08-8	

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QUALITY CONTROL DATA

Project: CLARK STATION
Pace Project No.: 4031958

QC Batch: GCV/5073 Analysis Method: WI MOD GRO
QC Batch Method: TPH GRO/PVOC WI ext. Analysis Description: WIGRO Solid GCV
Associated Lab Samples: 4031958001, 4031958002, 4031958003, 4031958004, 4031958005, 4031958006, 4031958007, 4031958008

METHOD BLANK: 301728 Matrix: Solid
Associated Lab Samples: 4031958001, 4031958002, 4031958003, 4031958004, 4031958005, 4031958006, 4031958007, 4031958008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	05/19/10 13:43	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	05/19/10 13:43	
Benzene	ug/kg	<25.0	60.0	05/19/10 13:43	
Ethylbenzene	ug/kg	<25.0	60.0	05/19/10 13:43	
Gasoline Range Organics	mg/kg	<2.5	2.5	05/19/10 13:43	
m&p-Xylene	ug/kg	<50.0	120	05/19/10 13:43	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	05/19/10 13:43	
Naphthalene	ug/kg	<25.0	60.0	05/19/10 13:43	
o-Xylene	ug/kg	<25.0	60.0	05/19/10 13:43	
Toluene	ug/kg	<25.0	60.0	05/19/10 13:43	
a,a,a-Trifluorotoluene (S)	%-	108	80-120	05/19/10 13:43	

LABORATORY CONTROL SAMPLE & LCSD: 301729 301730

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	973	1030	97	103	80-120	6	20	
1,3,5-Trimethylbenzene	ug/kg	1000	996	1060	100	106	80-120	6	20	
Benzene	ug/kg	1000	911	960	91	96	80-120	5	20	
Ethylbenzene	ug/kg	1000	976	1030	98	103	80-120	6	20	
Gasoline Range Organics	mg/kg	10	9.2	9.6	92	96	80-120	5	20	
m&p-Xylene	ug/kg	2000	1950	2060	98	103	80-120	5	20	
Methyl-tert-butyl ether	ug/kg	1000	873	898	87	90	80-120	3	20	
Naphthalene	ug/kg	1000	1020	1060	102	106	80-120	4	20	
o-Xylene	ug/kg	1000	973	1030	97	103	80-120	5	20	
Toluene	ug/kg	1000	946	1000	95	100	80-120	6	20	
a,a,a-Trifluorotoluene (S)	%-				109	108	80-120			

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QUALITY CONTROL DATA

Project: CLARK STATION
Pace Project No.: 4031958

QC Batch: GCV/5076 Analysis Method: WI MOD GRO
QC Batch Method: TPH GRO/PVOC WI ext. Analysis Description: WIGRO Solid GCV
Associated Lab Samples: 4031958009, 4031958010, 4031958011, 4031958012, 4031958013

METHOD BLANK: 301825 Matrix: Solid
Associated Lab Samples: 4031958009, 4031958010, 4031958011, 4031958012, 4031958013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	<25.0	60.0	05/19/10 13:11	
1,3,5-Trimethylbenzene	ug/kg	<25.0	60.0	05/19/10 13:11	
Benzene	ug/kg	<25.0	60.0	05/19/10 13:11	
Ethylbenzene	ug/kg	<25.0	60.0	05/19/10 13:11	
Gasoline Range Organics	mg/kg	<2.5	2.5	05/19/10 13:11	
m&p-Xylene	ug/kg	<50.0	120	05/19/10 13:11	
Methyl-tert-butyl ether	ug/kg	<25.0	60.0	05/19/10 13:11	
Naphthalene	ug/kg	<25.0	60.0	05/19/10 13:11	
o-Xylene	ug/kg	<25.0	60.0	05/19/10 13:11	
Toluene	ug/kg	<25.0	60.0	05/19/10 13:11	
a,a,a-Trifluorotoluene (S)	%-	100	80-120	05/19/10 13:11	

LABORATORY CONTROL SAMPLE & LCSD: 301826 301827

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	997	1020	100	102	80-120	2	20	
1,3,5-Trimethylbenzene	ug/kg	1000	1010	1040	101	104	80-120	3	20	
Benzene	ug/kg	1000	975	1000	97	100	80-120	3	20	
Ethylbenzene	ug/kg	1000	993	1030	99	103	80-120	4	20	
Gasoline Range Organics	mg/kg	10	8.2	8.6	82	86	80-120	5	20	
m&p-Xylene	ug/kg	2000	2010	2090	100	104	80-120	4	20	
Methyl-tert-butyl ether	ug/kg	1000	899	922	90	92	80-120	2	20	
Naphthalene	ug/kg	1000	903	1020	90	102	80-120	12	20	
o-Xylene	ug/kg	1000	1020	1060	102	106	80-120	4	20	
Toluene	ug/kg	1000	980	1010	98	101	80-120	3	20	
a,a,a-Trifluorotoluene (S)	%-				101	100	80-120			

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QUALITY CONTROL DATA

Project: CLARK STATION
Pace Project No.: 4031958

QC Batch: PMST/3965 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 4031958001, 4031958002, 4031958003, 4031958004, 4031958005, 4031958006, 4031958007, 4031958008, 4031958009, 4031958010, 4031958011, 4031958012

SAMPLE DUPLICATE: 301479

Parameter	Units	4031957002 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	54.0	54.8	1	10	

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

4031958

Page: of

Section A Required Client Information:

Company: GENERAL ENGINEERING COMPANY	
Address: 916 SILVER LAKE DRIVE	
PORTAGE, WI 53910	
Email To: lbradley@generalengineering.net	
Phone: 608-742-2169	Fax:608-742-2592
Requested Due Date/TAT:	

Section B Required Project Information:

Report To: LYNN BRADLEY
Copy To:
Purchase Order No.:
Project Name: CLARK STATION
Project Number:

Section C Invoice Information:

Attention: LYNN BRADLEY
Company Name: GENERAL ENGINEERING COMPANY
Address: 916 SILVER LAKE DRIVE, PORTAGE, WI 53901
Pace Quote Reference:
Pace Project Manager:
Pace Profile #:

REGULATORY AGENCY: NPDES / GROUND WATER / DRINKING WATER / UST / RCRA / OTHER

SITE LOCATION: GA / IL / IN / MI / NC / OH / SC / WI / OTHER

Filtered (Y/N)

Section D Required Client Information — SAMPLE ID (A-Z, 0-9 / ,-) One Character per box. Samples IDs MUST BE UNIQUE

Valid Matrix Codes: DRINKING WATER DW; WATER WT; WASTE WATER WW; PRODUCT P; SOIL/SOLID SL; OIL OL; WIPE WP; AIR AR; OTHER OT; TISSUE TS

ITEM #	SAMPLE ID	MATRIX CODE	SAMPLE TYPE G=GRAB C=COMP	COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	GRO/PVOC AND NAPH	%SOLID	Residual Chlorine (Y/N)	Pace Project Number Lab I.D.
1	T-1A	S		5/12/10	PM				2	1						1		X	X		001 1-4oz; 1-2oz
2	T-1B	S		5/12/10	PM				2	1						1		X	X		002
3	T-1C	S		5/12/10	PM				2	1						1		X	X		003
4	T-2A	S		5/12/10	PM				2	1						1		X	X		004
5	T-2B-	S		5/12/10	PM				2	1						1		X	X		005
6	T-2C	S		5/12/10	PM				2	1						1		X	X		006
7	T-3A	S		5/12/10	PM				2	1						1		X	X		007
8	T-3B	S		5/12/10	PM				2	1						1		X	X		008
9	T-3C	S		5/12/10	PM				2	1						1		X	X		009
10	P1	S		5/12/10	PM				2	1						1		X	X		010
11	D1	S		5/12/10	PM				2	1						1		X	X		011
12	D2	S		5/12/10	PM				2	1						1		X	X		012
13	FIELD BLANK	S		5/12/10	PM				1	1								X	X		013

Additional Comments:

PLEASE NOTE THAT THE JARS WERE MISLABELED CENEX AND SHOULD HAVE READ CLARK

RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
Lynn Bradley	5/17		Harland Zick	5-17-10			Y/N	Y/N	Y/N
Walter	5/18	8:10	[signature]	5/18/10	8:10		Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N
							Y/N	Y/N	Y/N
						Temp in °C	Received on Ice	Custody Sealed Cooler	Samples Intact

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Lynn Bradley

SIGNATURE of SAMPLER: Lynn Bradley   DATE Signed (MM / DD / YY):

E-File,(ALLQ020rev.3,31Mar05), 13Jun2005

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QUALIFIERS

Project: CLARK STATION
Pace Project No.: 4031958

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.

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.

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

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

ANALYTE QUALIFIERS

B	Analyte was detected in the associated method blank.
W	Non-detect results are reported on a wet weight basis.

Complete One Form for Each System Service Event

The information you provide may be used for secondary purposes [Privacy Law, s.15.04 (1) (m), Wis. Stats.]

TANK SYSTEM SERVICE AND CLOSURE ASSESSMENT REPORT

CHECK ONE:

☒ UNDERGROUND
☐ ABOVEGROUND

FOR PORTIONS OF THE FORM THAT DO NOT APPLY, CHECK THE 'N/A' BOX

RETURN COMPLETED CHECKLIST TO:

Wisconsin Department of Commerce
ERS Division
Bureau of Petroleum Products and Tanks
P.O. Box 7837
Madison, WI 53707-7837

Part A – To be completed by contractor performing repair or closure

A. TYPE OF SERVICE ☒ CLOSURE ☐ REPAIR/UPGRADE ☐ CHANGE-IN-SERVICE

Indicate portion of system being serviced if a repair, upgrade or change-in-service is being performed

☐ Remote fill ☒ Tank ☒ Piping ☐ Transition/containment sump ☒ Spill bucket ☒ Dispenser

B. IDENTIFICATION (Please Print)

1. Facility Name: G Mart Convenience Centers LLC
Facility Street Address (not P.O. Box): 1820 University Ave
Municipality: ☐ City ☐ Village ☐ Town of: Green Bay
Zip Code: 54301 County: Brown

2. Owner Name: Michael J Oviedt
3. Contact Name: Job Title:
Mailing Address: 1406 Cherry Rd
Post Office: Manitowoc State: WI Zip Code: 54220 1918
County: Telephone No. (include area code): ( )

4. Primary Service Contractor Section A above: Schaefer Fuel Petro LLC
Service Contractor Telephone No. (include area code): (608) 742-4686
Service Contractor Street Address: W11435 Advey Rd
Service Contractor City, State, Zip Code: Pardeeville WI 53901

C. TANK SYSTEM DETAIL (Complete for all service activities)

a Tank ID #	b Type of Closure[1]	c Tank Material of Construction	d Piping Material of Construction	e Tank Capacity (gallons)	f Contents[2]	g Release - System Integrity Compromised (e.g. holes, cracks, loose connection, etc)?	h If "Yes" to "g", Then Specify Source & Cause of Release[5]	
							Source of Release[3]	Cause of Release[4]
256049	P	Steel	Fiberglass	7500	UG	☐Y ☒N		
256050	P	Steel	Fiberglass	7500	UG	☐Y ☒N		
256051	P	Steel	Fiberglass	7500	UG	☒Y ☐N	Tank	Rust Hole
						☐Y ☐N		
						☐Y ☐N		
						☐Y ☐N		

1. Indicate type of closure: P = Permanent, TOS = Temporarily Out-of-Service, CIP = Closure In-Place
2. Indicate type of product: DL = Diesel, LG = Leaded Gasoline, UG = Unleaded Gasoline, FO = Fuel Oil, GH = Gasohol, AF = Aviation Fuel, K = Kerosene, PX = Premix, WO = Waste/Used Motor Oil, FCHZW = Flammable/Combustible Hazardous Waste, OC = Other Chemical (indicate the chemical name(s):

CAS number(s):

3. Source of release: T = tank, P = piping, D = dispenser, STP = submersible turbine pump, DP = delivery problem, O = other
4. Cause of release: S = spill, O = overfill, POMD = physical or mechanical damage, C = corrosion, IP = installation problem, O = other
5. Has release been reported to the Department of Natural Resources? ☐ Yes ☐ No ☐ Release not evident at this time

D. CLOSURES (Check applicable box at right in response to all statements in section D)

Written notification was provided to the local agent 15 days in advance of closure date. ☒Y ☐N
All local permits were obtained before beginning closure. ☒Y ☐N ☐NA
☐UST Form ERS-7437 or ☐AST Form ERS-8731 filed by owner with the Dept. of Commerce indicating closure. ☒Y ☐N ☐NA
NOTE: TANK INVENTORY FORM ERS-7437 or ERS-8731 SIGNED BY THE OWNER MUST BE SUBMITTED WITH EACH CLOSURE or CHANGE-IN-SERVICE CHECKLIST

D.1 ☐ TEMPORARILY OUT-OF-SERVICE	Remover Verified	Inspector Verified	NA
1. Product removed.			
a. Product lines drained into tank (or other container) and liquid removed, and	☐Y ☐N	☐Y ☐N	☐
b. All product removed to bottom of suction line, OR	☐Y ☐N	☐Y ☐N	☐
c. All product removed to within 1" of bottom.	☐Y ☐N	☐Y ☐N	☐
2. Fill pipe, gauge pipe, tank truck vapor recovery fittings, and vapor return lines capped.	☐Y ☐N	☐Y ☐N	☐
3. All product lines at the islands or pumps located elsewhere are removed and capped, OR	☐Y ☐N	☐Y ☐N	☐
4. Dispensers/pumps left in place but locked and power disconnected.	☐Y ☐N	☐Y ☐N	☐
5. Vent lines left open.	☐Y ☐N	☐Y ☐N	☐
6. Inventory form filed indicating temporarily out-of-service (TOS) closure.	☐Y ☐N	☐Y ☐N	☐

D.2 ☒ CLOSURE BY REMOVAL OR IN-PLACE			
1. General Requirements			
a. Product from piping drained into tank (or other container).	☒Y ☐N	☒Y ☐N	☐
b. Piping disconnected from tank and removed.	☒Y ☐N	☒Y ☐N	☐
c. All liquid and residue removed from tank using explosion-proof pumps or hand pumps.	☒Y ☐N	☒Y ☐N	☐
d. All pump motors and suction hoses bonded to tank or otherwise grounded.	☒Y ☐N	☒Y ☐N	☐
e. Fill pipes, gauge pipes, vapor recovery connections, submersible pumps and other fixtures removed.	☒Y ☐N	☒Y ☐N	☐
f. Vent lines left connected until tanks purged.	☒Y ☐N	☒Y ☐N	☐
g. Tank openings temporarily plugged so vapors exit through vent.	☒Y ☐N	☒Y ☐N	☐
h. Tank atmosphere reduced to 10% of the lower flammable range (LEL) - see Section E.	☒Y ☐N	☒Y ☐N	☐
2. Specific Closure-by-Removal Requirements			
a. Tank removed from excavation after **PURGING/INERTING**; placed on level ground and blocked to prevent movement.	☒Y ☐N	☒Y ☐N	☐
b. Tank cleaned before being removed from site.	☒Y ☐N	☒Y ☐N	☐
c. Tank labeled in 2" high letters after removal but before being moved from site.	☒Y ☐N	☒Y ☐N	☐
NOTE: COMPLETE TANK LABELING SHOULD INCLUDE WARNING AGAINST REUSE; FORMER CONTENTS; VAPOR STATE; VAPOR FREEING TREATMENT; DATE.			
d. Tank vent hole (1/8" in uppermost part of tank) installed prior to moving the tank from site.	☐Y ☐N	☐Y ☐N	☒
e. Site security is provided while the excavation is open.	☒Y ☐N	☒Y ☐N	☒
3. Specific Closure-In-Place Requirements			
NOTE: CLOSURES IN-PLACE ARE ONLY ALLOWED WITH THE PRIOR WRITTEN APPROVAL OF THE DEPARTMENT OF COMMERCE OR LOCAL AGENT.			
a. Tank properly cleaned to remove all sludge and residue.	☐Y ☐N	☐Y ☐N	☐
b. Solid inert material (sand, cyclone boiler slag, or pea gravel recommended) introduced and tank filled.	☐Y ☐N	☐Y ☐N	☐
c. Vent line disconnected or removed.	☐Y ☐N	☐Y ☐N	☐
d. Inventory form filed by owner with the Department of Commerce indicating closure in-place.	☐Y ☐N	☐Y ☐N	☐

E. REPAIR, UPGRADE OR CHANGE-IN-SERVICE

Written notification was provided to the local agent 15 days in advance of service date. ☐Y ☐N ☐NA
All local permits were obtained before beginning service. ☐Y ☐N ☐NA
Form ERS-7437 or ☐ ERS-8731 filed by owner with the Department of Commerce indicating change-in-service. ☐Y ☐N ☐NA

F. METHOD OF VAPOR FREEING OF TANK

☒ Displacement of vapors by eductor or diffused air blower.
Eductor driven by compressed air, bonded and drop tube left in place; vapors discharged minimum of 12 feet above ground.
Diffused air blower bonded and drop tube removed. Air pressure not exceeding 5 psig.
☐ Inert gas using dry ice or liquid carbon dioxide.
☐ Inert gas using CO_2 or N_2 **NOTE: INERT GASSES PRODUCE AN OXYGEN DEFICIENT ATMOSPHERE. LEL METERS MAY NOT FUNCTION ACCURATELY. THE TANK MAY NOT BE ENTERED IN THIS STATE WITHOUT SPECIAL EQUIPMENT.**
Gas introduced through a single opening at a point near the bottom of the tank at the end of the tank opposite the vent.
Gas introduced under low pressure not to exceed 5 psig to reduce static electricity. Gas introducing device grounded.
☒ Readings of 10% or less of the lower flammable range (LEL) or 0% oxygen obtained before removing tank from ground.
☒ Tank atmosphere monitored for flammable or combustible vapor levels prior to and during cleaning and cutting.
☒ Calibrate combustible gas indicator and/or oxygen meter prior to use. Drop tube removed prior to checking atmosphere. Tank space monitored at bottom, middle and upper portion of tank.

G. REMOVER/CLEANER INFORMATION

Remover/Cleaner Name (print)	Remover/Cleaner Signature	Certification No.	Date Signed
Richard Schaefer	Richard Schaefer	996000	5/12/2010

I attest that the procedures and information which I have provided as the tank closure contractor are correct and comply with Comm 10.

Company expected to perform soil contamination assessment: General Engineering

H. INSPECTOR INFORMATION

Inspector Name (print)	Inspector Signature	Inspector Cert #	LPO Agency #
Kurt Hardmeyer		264487	N/A

FDID # For Location Where Inspection Performed	Inspector Telephone Number	Date Signed
Green Bay FD 0504	262-775-8759	5/12/10

ERS-8951 (R.01/10) **Part A Distribution:** White – Commerce Blue – Inspector Pink – Contractor Yellow - Owner

Part B – To be completed by environmental professional

Submit original Part B to the WDNR along with a copy of Part A

I. TANK-SYSTEM SITE ASSESSMENT (TSSA)

Site Name: Q Mart Convenience Center

Address: 1270 University Ave, Green Bay, WI

Note: Site name and address must match with Part A Section 1.

To determine if a TSSA is required, see Comm 10 and section II part B of *ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.*

If a TSSA is required, then follow the procedures detailed in *ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.*

1. Site Information

a. Has there been a previously documented release at this site? ☐ Y ☐ N Spill Unknown

If yes, provide the Commerce # —, or DNR BRRT's # —.

b. Number of active tanks[1] at facility prior to completion of current services USTs 3 ASTs ____.

(NOTE 1: Do not include previously closed systems or system components.)

c. Excavation/trench dimensions (in feet). (Photos must be provided.)

EXCAVATION/TRENCH #	LENGTH	WIDTH	DEPTH
1	30	30	12'
2			
3			

2. Visual Excavation/Trench Inspection (Photos must be provided for "Yes" responses, except item b.)

Do any of the following conditions exist in or about the excavation(s)?

a. Stained soils: ☑ Y ☐ N b. Petroleum odor: ☑ Y ☐ N c. Water in excavation/trench: ☑ Y ☐ N

d. Free product in the excavation/trench: ☐ Y ☑ N e. Sheen or free product on water: ☐ Y ☑ N

3. Geology/Hydrogeology

a. Depth to groundwater 9 1/2 feet b. Indicate type of geology[2] Sandy Silt

(Note 2: Use these symbols individually or in combination as appropriate: C = Clay, SLT = Silt, S = Sand, Gr = Gravel)

4. Receptors

a. Water supply well(s) within 250 feet of the facility? ☐ Y ☑ N If yes, specify ____

b. Surface water(s) within 1000 feet of the facility? ☑ Y ☐ N If yes, specify Fox River

5. Sampling

a. Follow the procedures detailed in *ASSESSMENT AND REPORTING OF SUSPECTED AND OBVIOUS RELEASES FROM UNDERGROUND AND ABOVEGROUND STORAGE TANK SYSTEMS.*

b. Complete Tables 1 and 2 as appropriate. (Attach chain-of-custody and laboratory analytical reports.)

c. Attach a detailed map of site features and sample locations.

J. NOTE RELEVANT OBSERVATIONS, SPECIFIC PROBLEMS OR CONCERNS BELOW

Hole

TABLE 1 SOIL FIELD SCREENING & GRO/DRO LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	Sample Location & Soil/Geologic Description	Sample Collection Method				Depth Below Tank/Piping (feet)	Field Screening Result (ppm)	GRO (mg/kg)	DRO (mg/kg)
		Grab	Shelby Tube	Direct Push	Split Spoon				
1	T-1A	☑	☐	☐	☐	9'	0	<2.9	
2	T-1B	☑	☐	☐	☐	9'	0	<3.0	
3	T-1C	☑	☐	☐	☐	9'	6	<3.8	
4	T-2A	☑	☐	☐	☐	9'	31	3.4	
5	T-2B	☑	☐	☐	☐	9'	37	9.5	
6	T-2C	☑	☐	☐	☐	9'	46	11.6	
7	T-3A	☑	☐	☐	☐	9'	28	<2.7	
8	T-3B	☑	☐	☐	☐	9'	38	<2.8	
9	T-3C	☑	☐	☐	☐	9'	79	2.3	
10	D1	☑	☐	☐	☐	30"	28	<2.7	
11	D1	☑	☐	☐	☐	30"	38	<2.8	
12	D2	☑	☐	☐	☐	30"	3	<2.7	
13		☐	☐	☐	☐				
14		☐	☐	☐	☐				

TABLE 2 SOIL LABORATORY ANALYTICAL RESULTS-FOR PETROLEUM PRODUCTS

Sample ID #	BENZENE	TOLUENE	ETHYLBENZENE	MTBE	TRIMETHYL - BENZENES (TOTAL)	XYLENES (TOTAL)	NAPHTHALENE
	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
1	<25	<25	<25	<25	<50	<75	<25
2	<25	<25	<25	<25	<50	<599	<25
3	27.5J	34.0J	27.5J	<25	185J	3742	36.8J
4	<25	<25	<25	<25	439	646	16.8
5	<25	118	126	<25	1278	1022	266
6	<25	52.2	44.9J	<25	1417	631	195
7	<25	<25	<25	<25	101 O	83.8	35.5
8	<25	<25	<25	<25	226.5	135.3	52.2J
9	<25	31.8	56.3J	<25	1254	565	150
10	<25	<25	<25	<25	14.9	<75	<25
11	47.7J	188	450J	<25	233.5J	383	<25
12	<25	29.1J	<25	<25	61.4J	<75	<25

K. TANK-SYSTEM SITE ASSESSMENT INFORMATION

☐ As a tank-system site assessor certified under Wis. Admin. Code section Comm 5.83, it is my opinion that there is no indication of a release of a regulated substance to the environment.

☑ Sampling at the site indicates there has been a release to the environment. Pursuant to Wis. Admin. Code section Comm 10.585 (2) (a) and Wis. Stats. section 292.11 (2) (a), the owner or operator or contractor performing work under chapter Comm 10 shall immediately report any release of a regulated substance to the Wisconsin Department of Natural Resources. Failure to do so may result in forfeitures of a minimum of $10 and a maximum of $5000 for each violation under Wis. Stats. section 101.09 (5). Each day of continued violation and each tank are treated as separate offenses.

Richard Schaper	Richard Schaper	929000
Tank-System Site Assessor Name (print)	Tank-System Site Assessor Signature	Certification Number #
608-742-4486	5-23-10	Schaper Excavating
Tank-System Site Assessor Telephone Number	Date Signed	Company Name

Lauridsen, Keld B - DNR

From: Kate Schaper [kate@schaperexcavating.com]
Sent: Wednesday, June 16, 2010 2:27 PM
To: Lauridsen, Keld B - DNR
Subject: Green Bay Clark Univ. Ave Pix
Attachments: DSC02405.JPG; DSC02418.JPG; DSC02416.JPG; DSC02424.JPG; DSC02427.JPG; DSC02432.JPG; DSC02433.JPG; DSC02435.JPG

Keld,

Attached are the pictures I promised.

Kate Schaper
Schaper Excavating & Petroleum LLC
608-742-4686


CASE
CASE