

From: Jeff LaViolette <nrcconsultants@gmail.com>
Sent: Monday, November 2, 2020 3:52 PM
To: Schrank, Jayson S - DNR
Cc: Hughes, Sarah E - DNR
Subject: Re: Responsible Party Address Change - Food Tree
Attachments: Food Treet 2015 COC 40114978_coc.pdf; Food Tree 2015 40114978_frc.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Also, attached is the lab data sheets from 2015 sampling. Sorry, we just do not have much more on this case since the prior project manager left NRP.

On Mon, Nov 2, 2020 at 3:42 PM Jeff LaViolette <nrcconsultants@gmail.com> wrote:

I also have no idea what their current address is, I have an email and phone number of:
Harry Brar 608-576-9478
ibrar52965@gmail.com

Also attached are some old maps we were able to extract off an old computer of the former project manager. These have all been previously submitted to DNR. Via email to Tom Hvisdak. Last email update was apparently sent June 2015.

"Hello Tom:

NRP is submitting this email to apprise you of the recent work done at this site and to recommend that this case be reviewed for closure.

Recent work that has been completed:

Samples were collected from the; Schlotman 1" well # 1 (55'-60' bsg), 2 (35'-40' bsg), and 3 (20'-25' bsg) and the Freeberg 1" well # 1 (35'-40' bsg) and 2 (20'-25' bsg). Samples were collected with a peristaltic pump. Sample were delivered to a State of Wisconsin Certified Laboratory (PACE Analytical) for PVOC+N analysis. The results indicated that there were no impacts above the MDL for all compounds analyzed for. There was one minor detect of Toluene but it was too low to be quantified. I have attached the results.

Work that will be completed in the near future:

NRP will collect groundwater samples from monitoring wells; MW-3, MW-4, MW-5, MW-6, MW-7, Piezometers 1, 3 and 4; and water supply wells; the old bank building well and, if possible, the Kitt well (1675 Greenfield). I am pretty sure the Knolls, Stimacs and former Linzmeiers well (now owned by Lori Carpenter, 1111 15th st WI Rapids) are not using the wells

and they are not hooked up. If the results from these wells have not change (increased significantly) NRP recommends that documents be prepared for case closure. "

On Mon, Nov 2, 2020 at 3:26 PM Schrank, Jayson S - DNR <jayson.schrank@wisconsin.gov> wrote:

Jeff – It was just brought to my attention that the Brar's have relocated and we no longer have a valid address for them on file. Can you please provide contact information for them? Address and phone would be helpful.

Thanks,

Jayson

We are committed to service excellence.

Visit our survey at <http://dnr.wi.gov/customersurvey> to evaluate how I did.

Jayson Schrank

Regional Spills Coordinator
Bureau of Remediation and Redevelopment
Wisconsin Department of Natural Resources
1300 W Clairemont Ave, Eau Claire, WI 54701
Phone: 715-410-8841

Jayson.Schrank@wisconsin.gov



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Sincerely,
NRP Environmental Consultants, Inc.
Jeff LaViolette, P.E.
Civil/Environmental Engineer
cell 920 - 655 - 0537

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Sincerely,
NRP Environmental Consultants, Inc.
Jeff LaViolette, P.E.
Civil/Environmental Engineer
cell 920 - 655 - 0537

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May 26, 2015

Bob Herubin
NRP ENVIRONMENTAL CONSULTANTS
2357 Pamperin Rd
Suite 2
Green Bay, WI 54313

RE: Project: FOOD TREE
Pace Project No.: 40114978

Dear Bob Herubin:

Enclosed are the analytical results for sample(s) received by the laboratory on May 19, 2015. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

Sincerely,



Steven Mleczko for
Brian Basten
brian.basten@pacelabs.com
Project Manager

Enclosures

cc: Jeff Laviolette, NRP Environmental Consultants



REPORT OF LABORATORY ANALYSIS

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CERTIFICATIONS

Project: FOOD TREE

Pace Project No.: 40114978

Green Bay Certification IDs

1241 Bellevue Street, Green Bay, WI 54302

Florida/NELAP Certification #: E87948

Illinois Certification #: 200050

Kentucky Certification #: 82

Louisiana Certification #: 04168

Minnesota Certification #: 055-999-334

North Dakota Certification #: R-150

South Carolina Certification #: 83006001

Texas Certification #: T104704529-14-1

US Dept of Agriculture #: S-76505

Wisconsin Certification #: 405132750

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SAMPLE SUMMARY

Project: FOOD TREE

Pace Project No.: 40114978

Lab ID	Sample ID	Matrix	Date Collected	Date Received
40114978001	MW-5	Water	05/13/15 15:21	05/19/15 11:25
40114978002	P-1	Water	05/13/15 11:40	05/19/15 11:25
40114978003	MW-2	Water	05/13/15 12:15	05/19/15 11:25
40114978004	MW-6	Water	05/13/15 14:49	05/19/15 11:25
40114978005	P-4	Water	05/13/15 11:48	05/19/15 11:25
40114978006	P-2	Water	05/13/15 12:36	05/19/15 11:25
40114978007	MW-4	Water	05/13/15 11:25	05/19/15 11:25
40114978008	MW-7	Water	05/13/15 13:42	05/19/15 11:25
40114978009	TRIP	Water	05/13/15 00:00	05/19/15 11:25

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SAMPLE ANALYTE COUNT

Project: FOOD TREE

Pace Project No.: 40114978

Lab ID	Sample ID	Method	Analysts	Analytes Reported
40114978001	MW-5	WI MOD GRO	PMS	10
40114978002	P-1	WI MOD GRO	PMS	10
40114978003	MW-2	WI MOD GRO	PMS	10
40114978004	MW-6	WI MOD GRO	PMS	10
40114978005	P-4	WI MOD GRO	PMS	10
40114978006	P-2	WI MOD GRO	PMS	10
40114978007	MW-4	WI MOD GRO	PMS	10
40114978008	MW-7	WI MOD GRO	PMS	10
40114978009	TRIP	WI MOD GRO	PMS	10

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ANALYTICAL RESULTS

Project: FOOD TREE

Pace Project No.: 40114978

Sample: MW-5 Lab ID: 40114978001 Collected: 05/13/15 15:21 Received: 05/19/15 11:25 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<0.40	ug/L	1.0	0.40	1		05/20/15 13:07	71-43-2	
Ethylbenzene	<0.39	ug/L	1.0	0.39	1		05/20/15 13:07	100-41-4	
Methyl-tert-butyl ether	<0.48	ug/L	1.0	0.48	1		05/20/15 13:07	1634-04-4	
Naphthalene	<0.42	ug/L	1.0	0.42	1		05/20/15 13:07	91-20-3	
Toluene	<0.39	ug/L	1.0	0.39	1		05/20/15 13:07	108-88-3	
1,2,4-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		05/20/15 13:07	95-63-6	
1,3,5-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		05/20/15 13:07	108-67-8	
m&p-Xylene	<0.80	ug/L	2.0	0.80	1		05/20/15 13:07	179601-23-1	
o-Xylene	<0.45	ug/L	1.0	0.45	1		05/20/15 13:07	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		1		05/20/15 13:07	98-08-8	

Sample: P-1 Lab ID: 40114978002 Collected: 05/13/15 11:40 Received: 05/19/15 11:25 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<0.40	ug/L	1.0	0.40	1		05/20/15 13:33	71-43-2	
Ethylbenzene	<0.39	ug/L	1.0	0.39	1		05/20/15 13:33	100-41-4	
Methyl-tert-butyl ether	<0.48	ug/L	1.0	0.48	1		05/20/15 13:33	1634-04-4	
Naphthalene	<0.42	ug/L	1.0	0.42	1		05/20/15 13:33	91-20-3	
Toluene	<0.39	ug/L	1.0	0.39	1		05/20/15 13:33	108-88-3	
1,2,4-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		05/20/15 13:33	95-63-6	
1,3,5-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		05/20/15 13:33	108-67-8	
m&p-Xylene	<0.80	ug/L	2.0	0.80	1		05/20/15 13:33	179601-23-1	
o-Xylene	<0.45	ug/L	1.0	0.45	1		05/20/15 13:33	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	107	%	80-120		1		05/20/15 13:33	98-08-8	

Sample: MW-2 Lab ID: 40114978003 Collected: 05/13/15 12:15 Received: 05/19/15 11:25 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<0.40	ug/L	1.0	0.40	1		05/20/15 13:58	71-43-2	
Ethylbenzene	<0.39	ug/L	1.0	0.39	1		05/20/15 13:58	100-41-4	
Methyl-tert-butyl ether	<0.48	ug/L	1.0	0.48	1		05/20/15 13:58	1634-04-4	
Naphthalene	<0.42	ug/L	1.0	0.42	1		05/20/15 13:58	91-20-3	
Toluene	<0.39	ug/L	1.0	0.39	1		05/20/15 13:58	108-88-3	
1,2,4-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		05/20/15 13:58	95-63-6	
1,3,5-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		05/20/15 13:58	108-67-8	
m&p-Xylene	<0.80	ug/L	2.0	0.80	1		05/20/15 13:58	179601-23-1	
o-Xylene	<0.45	ug/L	1.0	0.45	1		05/20/15 13:58	95-47-6	

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ANALYTICAL RESULTS

Project: FOOD TREE

Pace Project No.: 40114978

Sample: MW-2 **Lab ID: 40114978003** Collected: 05/13/15 12:15 Received: 05/19/15 11:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
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WIGRO GCV Analytical Method: WI MOD GRO

Surrogates

a,a,a-Trifluorotoluene (S)	102	%	80-120		1		05/20/15 13:58	98-08-8	
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Sample: MW-6 **Lab ID: 40114978004** Collected: 05/13/15 14:49 Received: 05/19/15 11:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
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WIGRO GCV Analytical Method: WI MOD GRO

Benzene	<0.40	ug/L	1.0	0.40	1		05/20/15 14:24	71-43-2	
Ethylbenzene	<0.39	ug/L	1.0	0.39	1		05/20/15 14:24	100-41-4	
Methyl-tert-butyl ether	<0.48	ug/L	1.0	0.48	1		05/20/15 14:24	1634-04-4	
Naphthalene	<0.42	ug/L	1.0	0.42	1		05/20/15 14:24	91-20-3	
Toluene	<0.39	ug/L	1.0	0.39	1		05/20/15 14:24	108-88-3	
1,2,4-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		05/20/15 14:24	95-63-6	
1,3,5-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		05/20/15 14:24	108-67-8	
m&p-Xylene	<0.80	ug/L	2.0	0.80	1		05/20/15 14:24	179601-23-1	
o-Xylene	<0.45	ug/L	1.0	0.45	1		05/20/15 14:24	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		1		05/20/15 14:24	98-08-8	

Sample: P-4 **Lab ID: 40114978005** Collected: 05/13/15 11:48 Received: 05/19/15 11:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
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WIGRO GCV Analytical Method: WI MOD GRO

Benzene	<0.40	ug/L	1.0	0.40	1		05/20/15 14:50	71-43-2	
Ethylbenzene	<0.39	ug/L	1.0	0.39	1		05/20/15 14:50	100-41-4	
Methyl-tert-butyl ether	<0.48	ug/L	1.0	0.48	1		05/20/15 14:50	1634-04-4	
Naphthalene	<0.42	ug/L	1.0	0.42	1		05/20/15 14:50	91-20-3	
Toluene	<0.39	ug/L	1.0	0.39	1		05/20/15 14:50	108-88-3	
1,2,4-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		05/20/15 14:50	95-63-6	
1,3,5-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		05/20/15 14:50	108-67-8	
m&p-Xylene	<0.80	ug/L	2.0	0.80	1		05/20/15 14:50	179601-23-1	
o-Xylene	<0.45	ug/L	1.0	0.45	1		05/20/15 14:50	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%	80-120		1		05/20/15 14:50	98-08-8	

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ANALYTICAL RESULTS

Project: FOOD TREE

Pace Project No.: 40114978

Sample: P-2									
Lab ID: 40114978006 Collected: 05/13/15 12:36 Received: 05/19/15 11:25 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<0.40	ug/L	1.0	0.40	1		05/20/15 15:16	71-43-2	
Ethylbenzene	<0.39	ug/L	1.0	0.39	1		05/20/15 15:16	100-41-4	
Methyl-tert-butyl ether	<0.48	ug/L	1.0	0.48	1		05/20/15 15:16	1634-04-4	
Naphthalene	<0.42	ug/L	1.0	0.42	1		05/20/15 15:16	91-20-3	
Toluene	<0.39	ug/L	1.0	0.39	1		05/20/15 15:16	108-88-3	
1,2,4-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		05/20/15 15:16	95-63-6	
1,3,5-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		05/20/15 15:16	108-67-8	
m&p-Xylene	<0.80	ug/L	2.0	0.80	1		05/20/15 15:16	179601-23-1	
o-Xylene	<0.45	ug/L	1.0	0.45	1		05/20/15 15:16	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	103	%	80-120		1		05/20/15 15:16	98-08-8	

Sample: MW-4									
Lab ID: 40114978007 Collected: 05/13/15 11:25 Received: 05/19/15 11:25 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<0.40	ug/L	1.0	0.40	1		05/20/15 15:41	71-43-2	
Ethylbenzene	<0.39	ug/L	1.0	0.39	1		05/20/15 15:41	100-41-4	
Methyl-tert-butyl ether	<0.48	ug/L	1.0	0.48	1		05/20/15 15:41	1634-04-4	
Naphthalene	0.69J	ug/L	1.0	0.42	1		05/20/15 15:41	91-20-3	
Toluene	<0.39	ug/L	1.0	0.39	1		05/20/15 15:41	108-88-3	
1,2,4-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		05/20/15 15:41	95-63-6	
1,3,5-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		05/20/15 15:41	108-67-8	
m&p-Xylene	<0.80	ug/L	2.0	0.80	1		05/20/15 15:41	179601-23-1	
o-Xylene	<0.45	ug/L	1.0	0.45	1		05/20/15 15:41	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	102	%	80-120		1		05/20/15 15:41	98-08-8	

Sample: MW-7									
Lab ID: 40114978008 Collected: 05/13/15 13:42 Received: 05/19/15 11:25 Matrix: Water									
Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<0.40	ug/L	1.0	0.40	1		05/21/15 16:51	71-43-2	
Ethylbenzene	<0.39	ug/L	1.0	0.39	1		05/21/15 16:51	100-41-4	
Methyl-tert-butyl ether	<0.48	ug/L	1.0	0.48	1		05/21/15 16:51	1634-04-4	
Naphthalene	<0.42	ug/L	1.0	0.42	1		05/21/15 16:51	91-20-3	
Toluene	<0.39	ug/L	1.0	0.39	1		05/21/15 16:51	108-88-3	
1,2,4-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		05/21/15 16:51	95-63-6	
1,3,5-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		05/21/15 16:51	108-67-8	
m&p-Xylene	<0.80	ug/L	2.0	0.80	1		05/21/15 16:51	179601-23-1	
o-Xylene	<0.45	ug/L	1.0	0.45	1		05/21/15 16:51	95-47-6	

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ANALYTICAL RESULTS

Project: FOOD TREE

Pace Project No.: 40114978

Sample: MW-7 **Lab ID: 40114978008** Collected: 05/13/15 13:42 Received: 05/19/15 11:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%	80-120		1		05/21/15 16:51	98-08-8	

Sample: TRIP **Lab ID: 40114978009** Collected: 05/13/15 00:00 Received: 05/19/15 11:25 Matrix: Water

Parameters	Results	Units	LOQ	LOD	DF	Prepared	Analyzed	CAS No.	Qual
WIGRO GCV Analytical Method: WI MOD GRO									
Benzene	<0.40	ug/L	1.0	0.40	1		05/21/15 14:16	71-43-2	
Ethylbenzene	<0.39	ug/L	1.0	0.39	1		05/21/15 14:16	100-41-4	
Methyl-tert-butyl ether	<0.48	ug/L	1.0	0.48	1		05/21/15 14:16	1634-04-4	
Naphthalene	<0.42	ug/L	1.0	0.42	1		05/21/15 14:16	91-20-3	
Toluene	<0.39	ug/L	1.0	0.39	1		05/21/15 14:16	108-88-3	
1,2,4-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		05/21/15 14:16	95-63-6	
1,3,5-Trimethylbenzene	<0.42	ug/L	1.0	0.42	1		05/21/15 14:16	108-67-8	
m&p-Xylene	<0.80	ug/L	2.0	0.80	1		05/21/15 14:16	179601-23-1	
o-Xylene	<0.45	ug/L	1.0	0.45	1		05/21/15 14:16	95-47-6	
Surrogates									
a,a,a-Trifluorotoluene (S)	104	%	80-120		1		05/21/15 14:16	98-08-8	

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QUALITY CONTROL DATA

Project: FOOD TREE
Pace Project No.: 40114978

QC Batch: GCV/14409 Analysis Method: WI MOD GRO
QC Batch Method: WI MOD GRO Analysis Description: WIGRO GCV Water
Associated Lab Samples: 40114978001, 40114978002, 40114978003, 40114978004, 40114978005, 40114978006, 40114978007

METHOD BLANK: 1160705 Matrix: Water
Associated Lab Samples: 40114978001, 40114978002, 40114978003, 40114978004, 40114978005, 40114978006, 40114978007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.42	1.0	05/20/15 11:24	
1,3,5-Trimethylbenzene	ug/L	<0.42	1.0	05/20/15 11:24	
Benzene	ug/L	<0.40	1.0	05/20/15 11:24	
Ethylbenzene	ug/L	<0.39	1.0	05/20/15 11:24	
m&p-Xylene	ug/L	<0.80	2.0	05/20/15 11:24	
Methyl-tert-butyl ether	ug/L	<0.48	1.0	05/20/15 11:24	
Naphthalene	ug/L	<0.42	1.0	05/20/15 11:24	
o-Xylene	ug/L	<0.45	1.0	05/20/15 11:24	
Toluene	ug/L	<0.39	1.0	05/20/15 11:24	
a,a,a-Trifluorotoluene (S)	%	103	80-120	05/20/15 11:24	

LABORATORY CONTROL SAMPLE & LCSD: 1160706

1160707

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	22.0	21.9	110	110	80-120	0	20	
1,3,5-Trimethylbenzene	ug/L	20	21.2	21.6	106	108	80-120	2	20	
Benzene	ug/L	20	21.0	20.9	105	105	80-120	0	20	
Ethylbenzene	ug/L	20	21.5	21.5	108	108	80-120	0	20	
m&p-Xylene	ug/L	40	43.0	43.1	108	108	80-120	0	20	
Methyl-tert-butyl ether	ug/L	20	20.7	20.0	103	100	80-120	3	20	
Naphthalene	ug/L	20	21.7	21.2	108	106	80-120	2	20	
o-Xylene	ug/L	20	21.5	21.5	107	108	80-120	0	20	
Toluene	ug/L	20	21.2	21.2	106	106	80-120	0	20	
a,a,a-Trifluorotoluene (S)	%				103	103	80-120			

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: FOOD TREE
Pace Project No.: 40114978

QC Batch: GCV/14413 Analysis Method: WI MOD GRO
QC Batch Method: WI MOD GRO Analysis Description: WIGRO GCV Water
Associated Lab Samples: 40114978008, 40114978009

METHOD BLANK: 1161507 Matrix: Water
Associated Lab Samples: 40114978008, 40114978009

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trimethylbenzene	ug/L	<0.42	1.0	05/21/15 09:33	
1,3,5-Trimethylbenzene	ug/L	<0.42	1.0	05/21/15 09:33	
Benzene	ug/L	<0.40	1.0	05/21/15 09:33	
Ethylbenzene	ug/L	<0.39	1.0	05/21/15 09:33	
m&p-Xylene	ug/L	<0.80	2.0	05/21/15 09:33	
Methyl-tert-butyl ether	ug/L	<0.48	1.0	05/21/15 09:33	
Naphthalene	ug/L	<0.42	1.0	05/21/15 09:33	
o-Xylene	ug/L	<0.45	1.0	05/21/15 09:33	
Toluene	ug/L	<0.39	1.0	05/21/15 09:33	
a,a,a-Trifluorotoluene (S)	%	103	80-120	05/21/15 09:33	

LABORATORY CONTROL SAMPLE & LCSD: 1161508

1161509

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trimethylbenzene	ug/L	20	21.0	21.5	105	108	80-120	2	20	
1,3,5-Trimethylbenzene	ug/L	20	20.6	21.1	103	105	80-120	2	20	
Benzene	ug/L	20	20.5	20.8	103	104	80-120	1	20	
Ethylbenzene	ug/L	20	20.8	21.2	104	106	80-120	2	20	
m&p-Xylene	ug/L	40	41.5	42.3	104	106	80-120	2	20	
Methyl-tert-butyl ether	ug/L	20	20.1	19.7	100	99	80-120	2	20	
Naphthalene	ug/L	20	20.5	21.3	102	106	80-120	4	20	
o-Xylene	ug/L	20	20.8	21.2	104	106	80-120	2	20	
Toluene	ug/L	20	20.6	20.9	103	105	80-120	2	20	
a,a,a-Trifluorotoluene (S)	%				102	102	80-120			

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

REPORT OF LABORATORY ANALYSIS

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QUALIFIERS

Project: FOOD TREE

Pace Project No.: 40114978

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above LOD.

J - Estimated concentration at or above the LOD and below the LOQ.

LOD - Limit of Detection adjusted for dilution factor and percent moisture.

LOQ - Limit of Quantitation adjusted for dilution factor and percent moisture.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected at or above the adjusted LOD.

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

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

TNI - The NELAC Institute.

BATCH QUALIFIERS

Batch: GCV/14409

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

Batch: GCV/14413

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

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: FOOD TREE

Pace Project No.: 40114978

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
40114978001	MW-5	WI MOD GRO	GCV/14409		
40114978002	P-1	WI MOD GRO	GCV/14409		
40114978003	MW-2	WI MOD GRO	GCV/14409		
40114978004	MW-6	WI MOD GRO	GCV/14409		
40114978005	P-4	WI MOD GRO	GCV/14409		
40114978006	P-2	WI MOD GRO	GCV/14409		
40114978007	MW-4	WI MOD GRO	GCV/14409		
40114978008	MW-7	WI MOD GRO	GCV/14413		
40114978009	TRIP	WI MOD GRO	GCV/14413		

REPORT OF LABORATORY ANALYSIS

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Sample Condition Upon Receipt

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



Client Name: NRP

Project #: **WO#: 40114978**

Courier: Fed Ex UPS Client 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 _____

Thermometer Used na Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: 201 /Corr: _____ Biological Tissue is Frozen: yes

Temp Blank Present: yes no no

Person examining contents:
Date: 5-19-15
Initials: mm

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

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12. <u>COB - 3 vials no time.</u>
-Includes date/time/D/Analysis Matrix:	<u>5-19-15</u> <u>mm</u>	<u>mm</u>
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13. <input type="checkbox"/> HNO3 <input type="checkbox"/> H2SO4 <input type="checkbox"/> NaOH <input type="checkbox"/> NaOH + ZnAct
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: <u>VOA</u> , coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed Lab Std #ID of preservative Date/Time:
Headspace in VOA Vials (>6mm):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):	_____	

Client Notification/ Resolution: _____
 Person Contacted: _____ Date/Time: _____
 Comments/ Resolution: returned 5 meth vials in cooler.

If checked, see attached form for additional comments

Project Manager Review: [Signature] Date: 5-19-15

(Please Print Clearly)

Company Name: **NRP**

Branch/Location:

Project Contact: **Bob**

Phone: **662-9217**

Project Number:

Project Name: **Food Tree**

Project State: **Wisconsin**

Sampled By (Print): **Bob Herubis**

Sampled By (Sign): *Bob Herubis*

PO #:

Regulatory Program:



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

40114978

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

FILTERED?
(YES/NO)
 PRESERVATION
(CODE)*

Y/N	Pick Letter	Analyses Requested	COLLECTION		MATRIX
			DATE	TIME	
✓	B	P10C2N	6/16	15:21	660
			5/13	11:40	
			5/15	12:15	
				14:49	
				11:48	
				12:36	
				11:25	
				13:42	

Quote #: _____

Mail To Contact: _____

Mail To Company: _____

Mail To Address: _____

Invoice To Contact: *SAME*

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		MATRIX
		DATE	TIME	
001	MW-5	6/16	15:21	660
002	P-1	5/13	11:40	
003	MW-2	5/15	12:15	
004	MW-6		14:49	
005	P-4		11:48	
006	P-2		12:36	
007	MW-4		11:25	
008	MW-7		13:42	
009	Trip			

CLIENT COMMENTS	LAB COMMENTS (Lab Use Only)	Profile #
	3-40ml VB	
	2-40ml VB	

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

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

Relinquished By: <i>ASCL</i>	Date/Time: 5/19/10 11:25	Received By: <i>Suzanne L...</i>	Date/Time: 5/19/10 11:25
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:
Relinquished By:	Date/Time:	Received By:	Date/Time:

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

PACE Project No.
40114978

Receipt Temp = *20°C*

Sample Receipt pH
OK / Adjusted

Cooler Custody Seal
Present / Not Present
Intact / Not Intact


Sample Condition Upon Receipt

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

Pace Analytical

Client Name: NRP

Project #: **WO#: 40114978**



40114978

Courier: Fed Ex UPS Client 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 _____

Thermometer Used na Type of Ice: Wet Blue Dry None Samples on ice, cooling process has begun

Cooler Temperature Uncorr: COI /Corr: _____ Biological Tissue is Frozen: yes

Temp Blank Present: yes no no

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

Person examining contents:
Date: 5-19-15
Initials: mm

Comments:

Chain of Custody Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	1.
Chain of Custody Filled Out:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	2.
Chain of Custody Relinquished:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	3.
Sampler Name & Signature on COC:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	4.
Samples Arrived within Hold Time:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	5.
- VOA Samples frozen upon receipt	<input type="checkbox"/> Yes <input type="checkbox"/> No	Date/Time:
Short Hold Time Analysis (<72hr):	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	6.
Rush Turn Around Time Requested:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	7.
Sufficient Volume:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	8.
Correct Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	9.
-Pace Containers Used:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
-Pace IR Containers Used:	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
Containers Intact:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	10.
Filtered volume received for Dissolved tests	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	11.
Sample Labels match COC:	<input checked="" type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> N/A	12.
-Includes date/Time/ID/Analysis Matrix:	<u>mm</u> <u>5-19-15</u> <u>W</u>	<u>COB - 3 vials no time.</u> <u>all vials no date on sample label.</u>
All containers needing preservation have been checked. (Non-Compliance noted in 13.)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation. (HNO3, H2SO4 ≤2; NaOH+ZnAct ≥9, NaOH ≥12)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> N/A	
exceptions: <u>VOA</u> coliform, TOC, TOX, TOH, O&G, WIDROW, Phenolics, OTHER:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Initial when completed
		Lab Std #ID of preservative
		Date/Time:
Headspace in VOA Vials (>6mm):	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	14.
Trip Blank Present:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	15.
Trip Blank Custody Seals Present	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	
Pace Trip Blank Lot # (if purchased):		

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

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: returned 5 meth vials in cooler.

Project Manager Review: [Signature] Date: 5-19-15

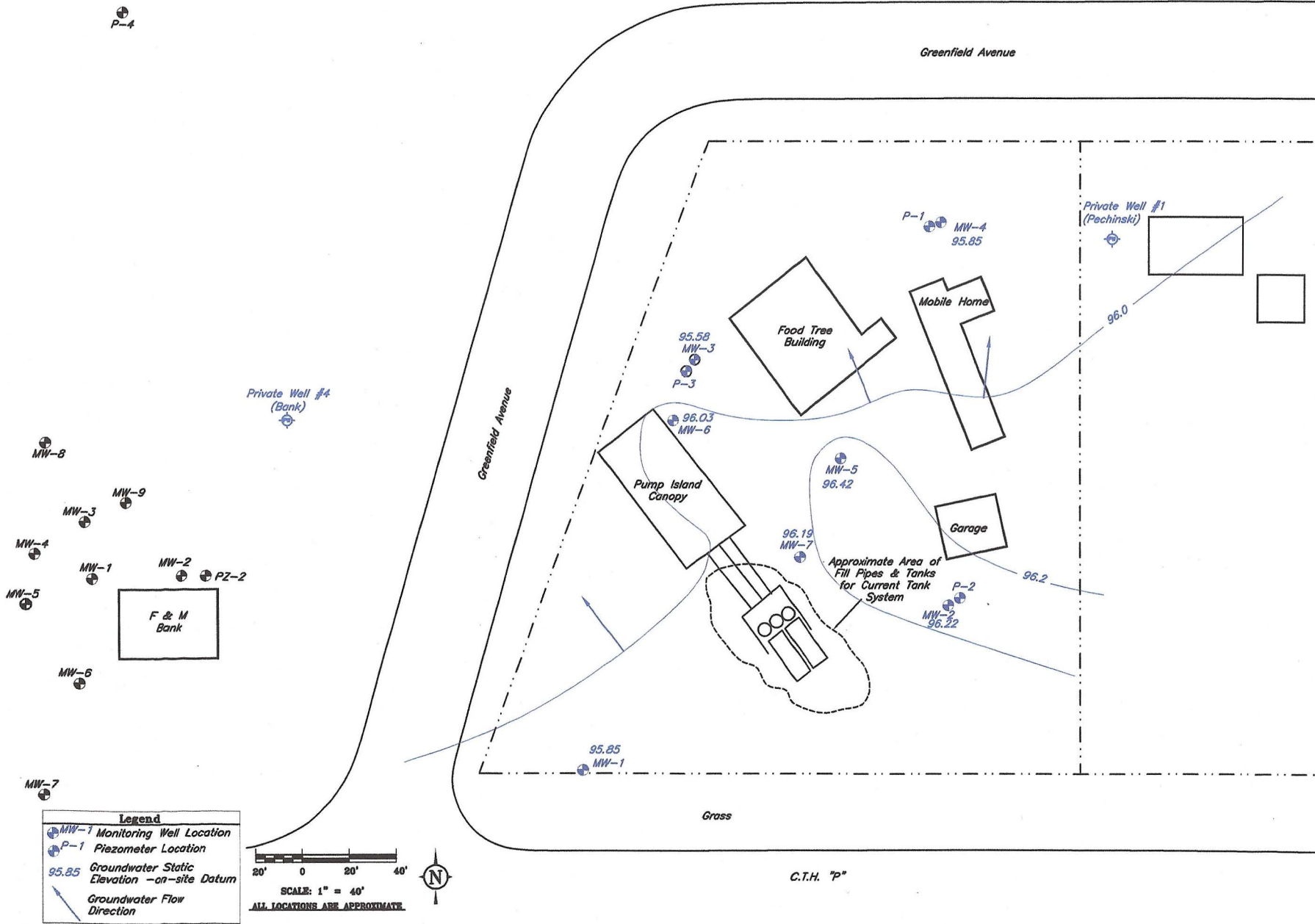


Figure 1: Groundwater Map (6-7-2006)

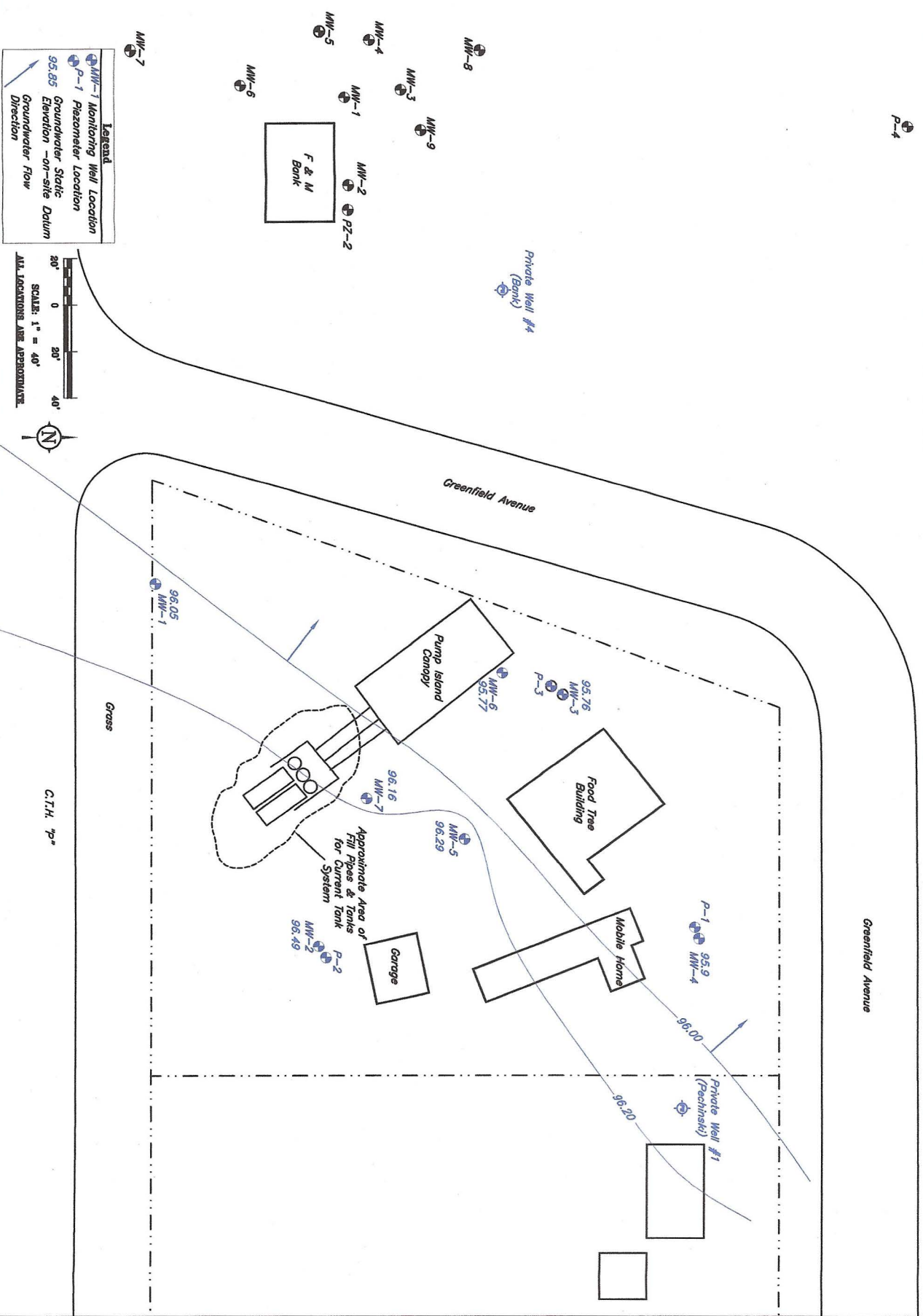


Figure 2: Groundwater Map (1-19-2007)

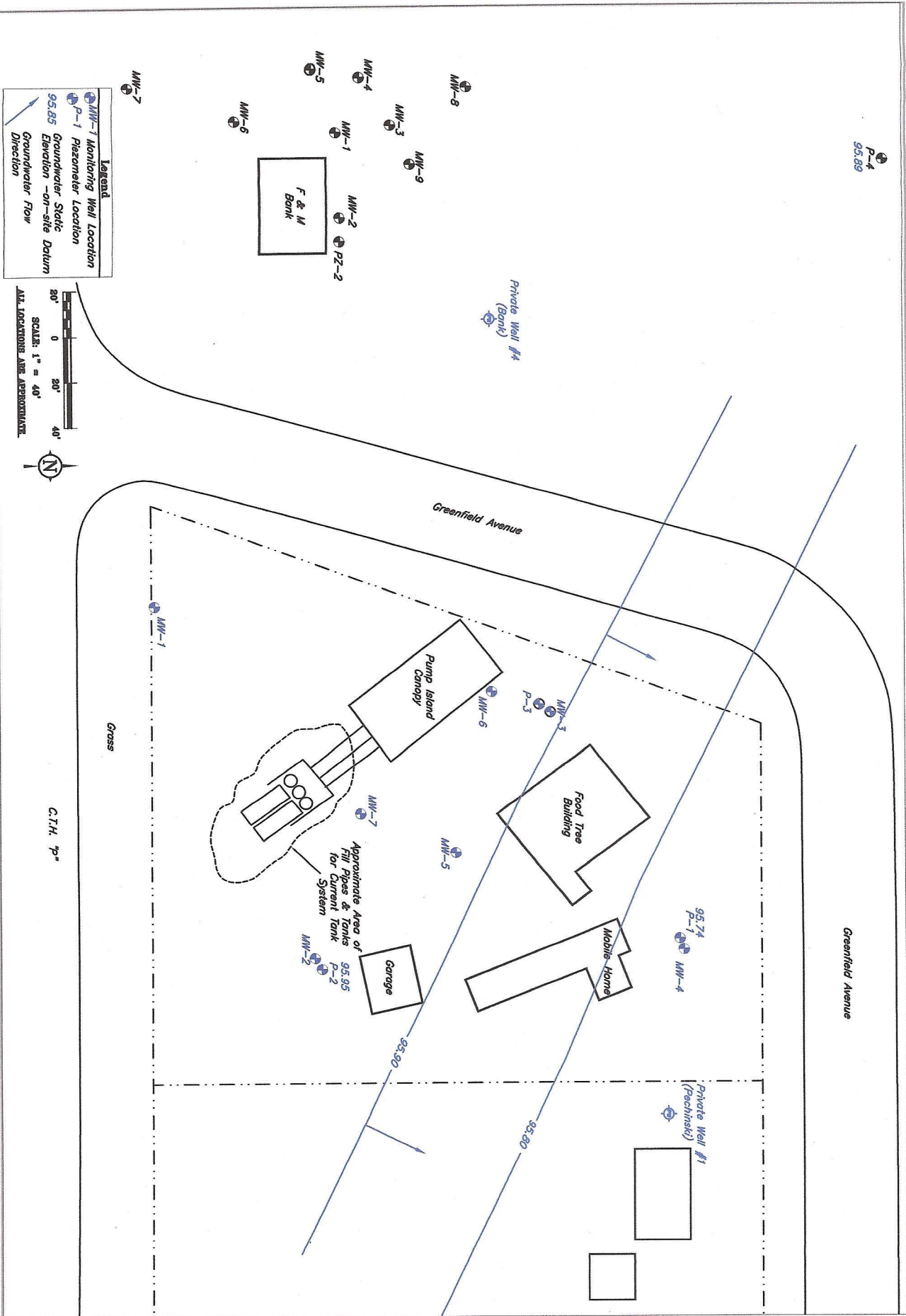


Figure 3: Groundwater Map Piezometers (6-7-2006)

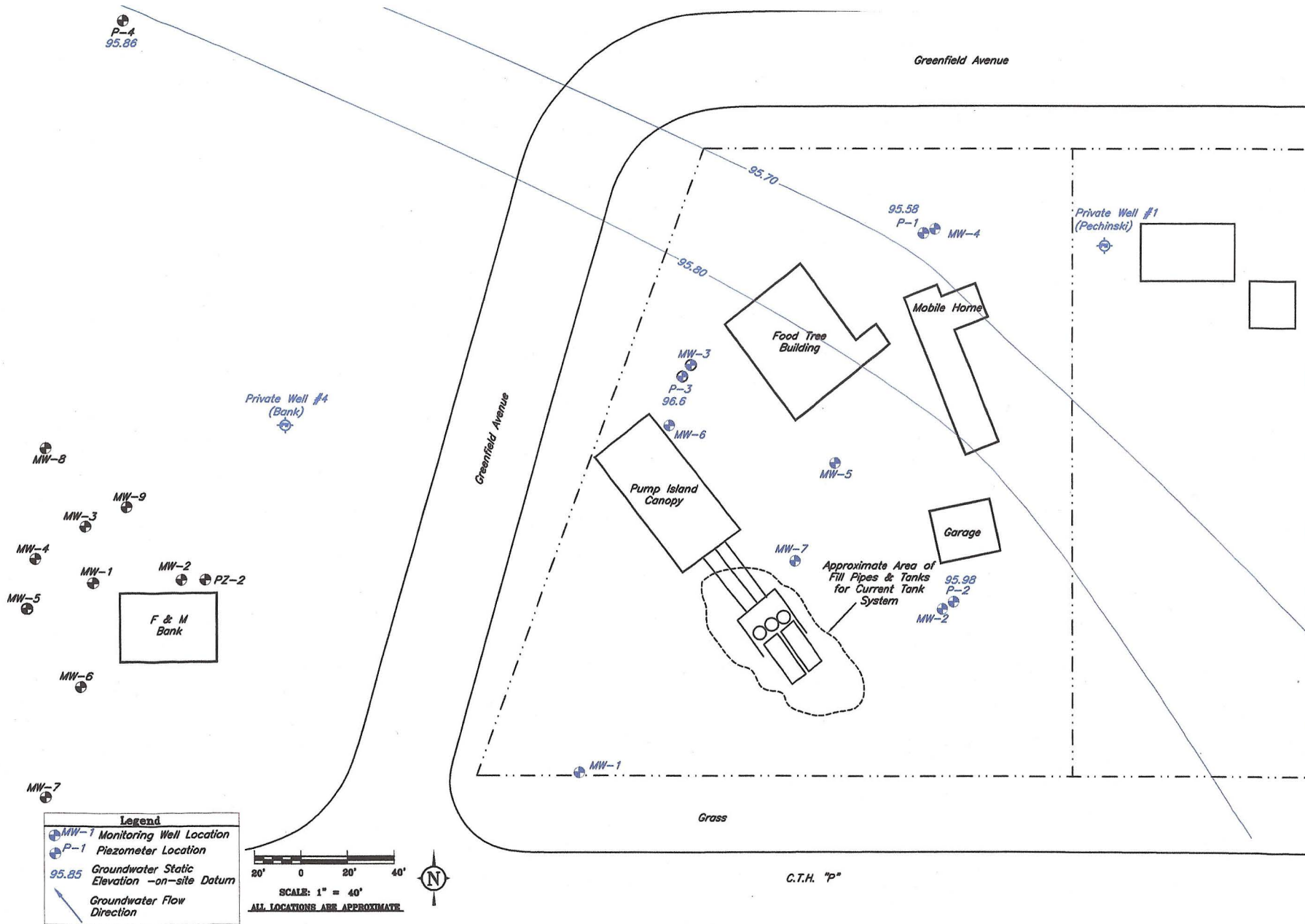


Figure 4: Groundwater Map Piezometers (1-19-2007)