September 9, 2019

State of Wisconsin
Department of Natural Resources
Timothy Zeichert
PO Box 7921
Madison, WI 53707-7921

Re: Soil Sampling Results Report
Lenny's Service Center, 1500 Rawson Avenue, South Milwaukee, Wisconsin
BRRTS #03-41-003443

Dear Mr. Zeichert:

On August 13, 2018, Assured Environmental Associates, Inc. requested approval of scope and cost for advancing soil borings to better define the degree and extent of soil impacts on the Property on August 24, 2019. The soil samples were collected from 0-4' bgs and from 4-8' bgs in all sampling locations. Selected samples were obtained from 8-12' bgs. All samples were analyzed for Petroleum Volatile Organic Compounds (PVOCs) plus naphthalene.

The attached Table A-2 provides a summary of the concentrations of PVOCs in the soil samples. A simple figure is also attached that provides a summary of benzene concentrations in soil exceeding NR 720 RCLs in soil as representative of impacts warranting consideration for removal resulting in an area of approximately 1,320 square feet. Assuming that less impacted soil could be segregated from this area and thickness of 7-feet of soil were targeted for removal, approximately 350-cubic yards or 550-tons of impacted soil warrants removal.

The soil boring logs and abandonment forms are attached.

If we can provide you with any additional information or if you require clarification, please call me at (262) 781-4646.

Sincerely,

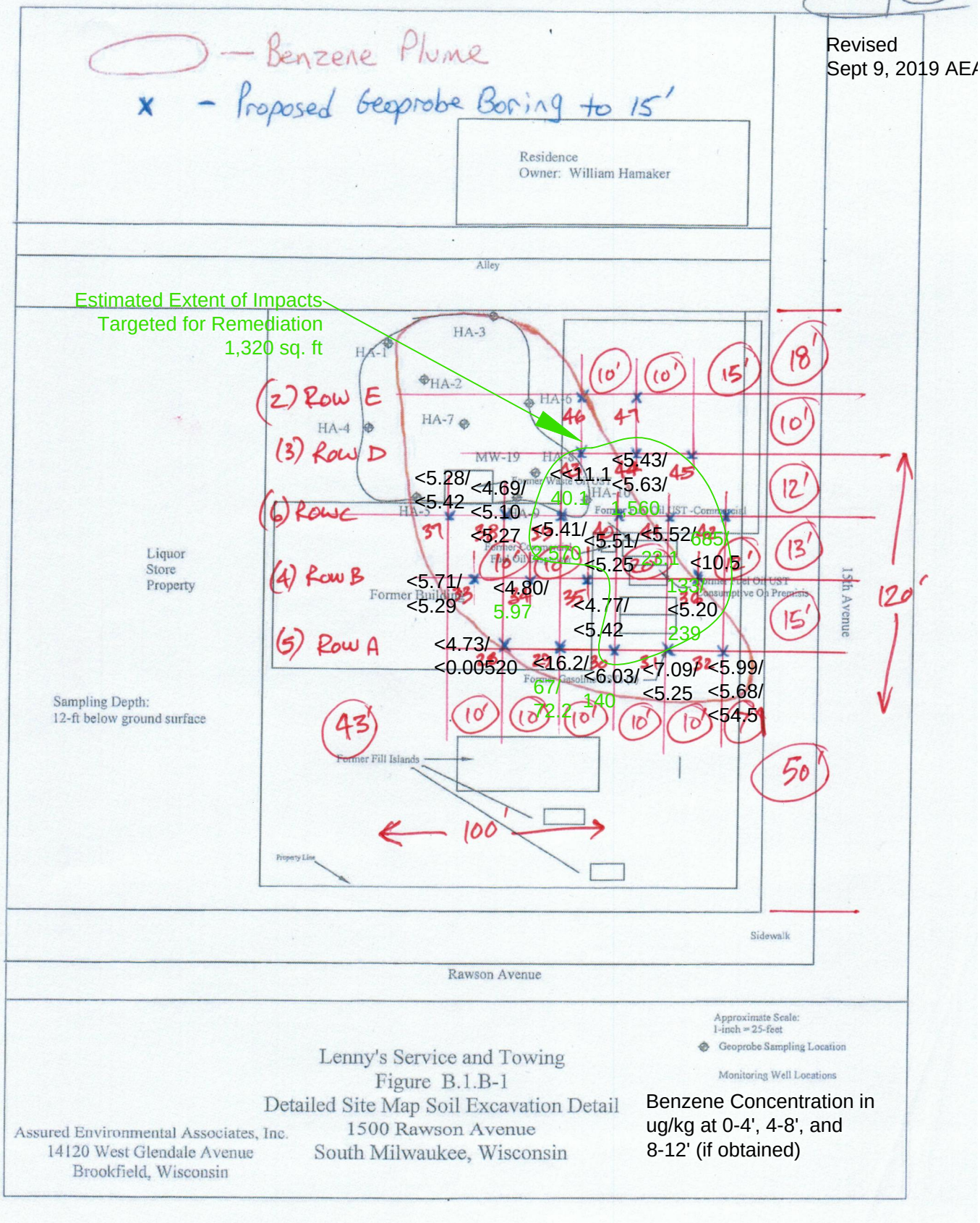
Gregory S. Walsh, PE
ASSURED ENVIRONMENTAL ASSOCIATES, INC.

8/13/19

Revised
Sept 9, 2019 AEA

○ – Benzene Plume

X – Proposed Geoprobe Boring to 15'



Approximate Scale:
1-inch = 25-feet

Geoprobe Sampling Location

Monitoring Well Locations

Lenny's Service and Towing
Figure B.1.B-1
Detailed Site Map Soil Excavation Detail
1500 Rawson Avenue
South Milwaukee, Wisconsin

Assured Environmental Associates, Inc.
14120 West Glendale Avenue
Brookfield, Wisconsin

Benzene Concentration in ug/kg at 0-4', 4-8', and 8-12' (if obtained)

Table A.2.
Soil Analytical Results Summary of PVOC Soil Analytical Results[1]
Lenny's Service - PECFA # 53172-1943-00-A DNR BRRTS # 03-41-003443
South Milwaukee, Wisconsin

Analyte	NR 720 RCL based on USEPA RSL			P-28 0-4 FT	P-28 4-8-ft
	Non-Industrial Direct Contact	Industrial Direct Contact	Groundwater		
Benzene	1.6	7.07	0.0051	<0.0157	<0.0173
Toluene	818	NS	1.1072	<0.0288	<0.0317
Ethylbenzene	8.02	35.4	1.57	<0.0163	0.006BJ
m,p-Xylene	260	260	3.96	<0.0276	<0.0303
o-Xylene	915	434	3.96	<0.0172	<0.0189
MTBE	63.8	282	0.027	<0.0286	<0.0315
Naphthalene	5.52	24.1	0.6528	<0.186	<0.205
1,3,5-Trimethylbenzene	219	293	1.3821	0.00445BJ	<0.0161
1,2,4-Trimethylbenzene	182	NS		0.00576BJ	0.00648BJ

Analyte	NR 720 RCL based on USEPA RSL			P-29 0-4	P-29 4-8	P-29 8-12
	Non-Industrial Direct Contact	Industrial Direct Contact	Groundwater			
Benzene	1.6	7.07	0.0051	<0.0540	**0.067**	**0.0722**
Toluene	818	NS	1.1072	<0.0989	0.0841	0.0579
Ethylbenzene	8.02	35.4	1.57	<0.0558	0.0764	1.35
m,p-Xylene	260	260	3.96	<0.0945	0.135	**4.59**
o-Xylene	915	434	3.96	<0.0589	0.101	0.239
MTBE	63.8	282	0.027	<0.0982	0.0107	**0.0832**
Naphthalene	5.52	24.1	0.6528	<0.213	**1.34**	**3.93**
1,3,5-Trimethylbenzene	219	293	1.3821	<0.0503	0.156	**2.87**
1,2,4-Trimethylbenzene	182	NS		0.0232BJ	1.2	**10.9**

All concentrations in milligrams per kilogram or ppm. NS = No Standard. Bold concentrations exceed the NR 720 Residual Contaminant Level (RCL) based on the United States Environmental Protection Agency Regional Screening Level for groundwater protection. Samples collected 8/24/2019. J – estimated sample concentration between laboratory detection limit and method detection limit. B= Compound detected in blank

Table A.2.
Soil Analytical Results Summary of PVOC Soil Analytical Results[1]
Lenny's Service - PECFA # 53172-1943-00-A DNR BRRTS # 03-41-003443
South Milwaukee, Wisconsin

Analyte	NR 720 RCL based on USEPA RSL			P-30 0-4 FT	P-30 4-8-ft
	Non-Industrial Direct Contact	Industrial Direct Contact	Groundwater		
Benzene	1.6	7.07	0.0051	<0.0201	**0.14**
Toluene	818	NS	1.1072	<0.0368	0.104
Ethylbenzene	8.02	35.4	1.57	0.0116BJ	0.615
m,p-Xylene	260	260	3.96	0.0399B	**3.47**
o-Xylene	915	434	3.96	<0.0219	0.522
MTBE	63.8	282	0.027	<0.0365	**0.118**
Naphthalene	5.52	24.1	0.6528	<0.238	**4.72**
1,3,5-Trimethylbenzene	219	293	1.3821	0.0292B	**1.37**
1,2,4-Trimethylbenzene	182	NS		0.148	**16.6**

Analyte	NR 720 RCL based on USEPA RSL			P-31 0-4	P-31 4-8
	Non-Industrial Direct Contact	Industrial Direct Contact	Groundwater		
Benzene	1.6	7.07	0.0051	<0.0236	<0.0175
Toluene	818	NS	1.1072	0.0238J	<0.0320
Ethylbenzene	8.02	35.4	1.57	0.0666B	<0.0181
m,p-Xylene	260	260	3.96	0.311	0.0162BJ
o-Xylene	915	434	3.96	0.0465	0.0109J
MTBE	63.8	282	0.027	<0.0430	<0.0318
Naphthalene	5.52	24.1	0.6528	<0.280	<0.207
1,3,5-Trimethylbenzene	219	293	1.3821	0.0881B	<0.0163
1,2,4-Trimethylbenzene	182	NS		**1.67**	0.0818B

All concentrations in milligrams per kilogram or ppm. NS = No Standard. Bold concentrations exceed the NR 720 Residual Contaminant Level (RCL) based on the United States Environmental Protection Agency Regional Screening Level for groundwater protection. Samples collected 8/24/2019. J – estimated sample concentration between laboratory detection limit and method detection limit. B= Compound detected in blank

Table A.2.
Soil Analytical Results Summary of PVOC Soil Analytical Results[1]
Lenny's Service - PECFA # 53172-1943-00-A DNR BRRTS # 03-41-003443
South Milwaukee, Wisconsin

Analyte	NR 720 RCL based on USEPA RSL			P-32 0-4 FT	P-32 4-8-ft	P-32 8-12
	Non-Industrial Direct Contact	Industrial Direct Contact	Groundwater			
Benzene	1.6	7.07	0.0051	<0.0199	<0.0189	<0.182
Toluene	818	NS	1.1072	<0.0365	<0.0347	0.128J
Ethylbenzene	8.02	35.4	1.57	0.00695BJ	<0.0196	**10.5**
m,p-Xylene	260	260	3.96	0.0217BJ	0.0106BJ	**18**
o-Xylene	915	434	3.96	<0.0218	0.0127CJ	2.36
MTBE	63.8	282	0.027	<0.0363	<0.0344	**0.364**
Naphthalene	5.52	24.1	0.6528	<0.236	<0.224	**4.46**
1,3,5-Trimethylbenzene	219	293	1.3821	0.00638BJ	<0.0176	**12.1**
1,2,4-Trimethylbenzene	182	NS		0.0418B	0.0293B	**40.6**

Analyte	NR 720 RCL based on USEPA RSL			P-33 0-4	P-33 4-8
	Non-Industrial Direct Contact	Industrial Direct Contact	Groundwater		
Benzene	1.6	7.07	0.0051	<0.0190	<0.0176
Toluene	818	NS	1.1072	<0.0348	<0.0322
Ethylbenzene	8.02	35.4	1.57	0.0183BJ	0.0055BJ
m,p-Xylene	260	260	3.96	0.0323BJ	0.0096BJ
o-Xylene	915	434	3.96	<0.0208	<0.0192
MTBE	63.8	282	0.027	<0.0346	<0.0320
Naphthalene	5.52	24.1	0.6528	<0.225	<0.208
1,3,5-Trimethylbenzene	219	293	1.3821	0.0225B	0.0052BJ
1,2,4-Trimethylbenzene	182	NS		0.0837B	0.0184BJ

All concentrations in milligrams per kilogram or ppm. NS = No Standard. Bold concentrations exceed the NR 720 Residual Contaminant Level (RCL) based on the United States Environmental Protection Agency Regional Screening Level for groundwater protection. Samples collected 8/24/2019. J – estimated sample concentration between laboratory detection limit and method detection limit. B= Compound detected in blank

Table A.2.
Soil Analytical Results Summary of PVOC Soil Analytical Results[1]
Lenny's Service - PECFA # 53172-1943-00-A DNR BRRTS # 03-41-003443
South Milwaukee, Wisconsin

Analyte	NR 720 RCL based on USEPA RSL			P-34 0-4 FT	P-34 4-8-ft
	Non-Industrial Direct Contact	Industrial Direct Contact	Groundwater		
Benzene	1.6	7.07	0.0051	<0.0160	**0.00597J**
Toluene	818	NS	1.1072	<0.0293	<0.0315
Ethylbenzene	8.02	35.4	1.57	<0.0165	0.206
m,p-Xylene	260	260	3.96	0.00933BJ	0.4
o-Xylene	915	434	3.96	<0.0175	0.0683
MTBE	63.8	282	0.027	<0.0291	0.0112J
Naphthalene	5.52	24.1	0.6528	<0.189	**0.813**
1,3,5-Trimethylbenzene	219	293	1.3821	0.00472BJ	**0.904**
1,2,4-Trimethylbenzene	182	NS		0.0136BJ	**2.86**

Analyte	NR 720 RCL based on USEPA RSL			P-35 0-4	P-35 4-8
	Non-Industrial Direct Contact	Industrial Direct Contact	Groundwater		
Benzene	1.6	7.07	0.0051	<0.0159	<0.0180
Toluene	818	NS	1.1072	<0.0291	<0.0331
Ethylbenzene	8.02	35.4	1.57	<0.0164	0.439
m,p-Xylene	260	260	3.96	0.0102BJ	0.272
o-Xylene	915	434	3.96	<0.0173	0.0427
MTBE	63.8	282	0.027	<0.0289	<0.0328
Naphthalene	5.52	24.1	0.6528	<0.188	**0.731**
1,3,5-Trimethylbenzene	219	293	1.3821	0.00766BJ	**0.235**
1,2,4-Trimethylbenzene	182	NS		0.0296B	**1.27**

All concentrations in milligrams per kilogram or ppm. NS = No Standard. Bold concentrations exceed the NR 720 Residual Contaminant Level (RCL) based on the United States Environmental Protection Agency Regional Screening Level for groundwater protection. Samples collected 8/24/2019. J – estimated sample concentration between laboratory detection limit and method detection limit. B= Compound detected in blank

Table A.2.
Soil Analytical Results Summary of PVOC Soil Analytical Results[1]
Lenny's Service - PECFA # 53172-1943-00-A DNR BRRTS # 03-41-003443
South Milwaukee, Wisconsin

Analyte	NR 720 RCL based on USEPA RSL			P-36 0-4 FT	P-36 4-8-ft	P-36 8-12
	Non-Industrial Direct Contact	Industrial Direct Contact	Groundwater			
Benzene	1.6	7.07	0.0051	**0.133**	<0.0173	**0.239**
Toluene	818	NS	1.1072	0.0479	0.0203J	0.0958J
Ethylbenzene	8.02	35.4	1.57	0.0078BJ	0.0495B	**4.58**
m,p-Xylene	260	260	3.96	0.0201BJ	0.109B	**9.47**
o-Xylene	915	434	3.96	0.0122BJ	0.145	**1.76**
MTBE	63.8	282	0.027	<0.0333	<0.0315	**0.136**
Naphthalene	5.52	24.1	0.6528	<0.217	0.639	**7.95**
1,3,5-Trimethylbenzene	219	293	1.3821	<0.0171	**1.57**	**7.61**
1,2,4-Trimethylbenzene	182	NS		<0.0223	**2.17**	**26.7**

Analyte	NR 720 RCL based on USEPA RSL			P-37 0-4	P-37 4-8
	Non-Industrial Direct Contact	Industrial Direct Contact	Groundwater		
Benzene	1.6	7.07	0.0051	<0.0176	<0.0180
Toluene	818	NS	1.1072	0.0116J	<0.0331
Ethylbenzene	8.02	35.4	1.57	0.00803BJ	<0.0187
m,p-Xylene	260	260	3.96	0.0335B	0.0145BJ
o-Xylene	915	434	3.96	0.0113BJ	<0.0197
MTBE	63.8	282	0.027	<0.0320	<0.0328
Naphthalene	5.52	24.1	0.6528	<0.208	<0.214
1,3,5-Trimethylbenzene	219	293	1.3821	0.0101BJ	<0.0168
1,2,4-Trimethylbenzene	182	NS		0.0202BJ	0.00915BJ

All concentrations in milligrams per kilogram or ppm. NS = No Standard. Bold concentrations exceed the NR 720 Residual Contaminant Level (RCL) based on the United States Environmental Protection Agency Regional Screening Level for groundwater protection. Samples collected 8/24/2019. J – estimated sample concentration between laboratory detection limit and method detection limit. B= Compound detected in blank

Table A.2.
Soil Analytical Results Summary of PVOC Soil Analytical Results[1]
Lenny's Service - PECFA # 53172-1943-00-A DNR BRRTS # 03-41-003443
South Milwaukee, Wisconsin

Analyte	NR 720 RCL based on USEPA RSL			P-38 0-4 FT	P-38 4-8-ft	P-38 8-12
	Non-Industrial Direct Contact	Industrial Direct Contact	Groundwater			
Benzene	1.6	7.07	0.0051	<0.0156	<0.0170	<0.0175
Toluene	818	NS	1.1072	0.0146	<0.0311	<0.0322
Ethylbenzene	8.02	35.4	1.57	<0.0162	<0.0176	<0.0181
m,p-Xylene	260	260	3.96	0.0157BJ	0.0102BJ	0.0137BJ
o-Xylene	915	434	3.96	<0.0171	<0.0186	0.00703BJ
MTBE	63.8	282	0.027	<0.0284	<0.0309	<0.0319
Naphthalene	5.52	24.1	0.6528	<0.185	<0.201	<0.208
1,3,5-Trimethylbenzene	219	293	1.3821	<0.0146	<0.0158	<0.0164
1,2,4-Trimethylbenzene	182	NS		0.0081BJ	0.00733BJ	0.0785B

Analyte	NR 720 RCL based on USEPA RSL			P-39 0-4	P-39 4-8
	Non-Industrial Direct Contact	Industrial Direct Contact	Groundwater		
Benzene	1.6	7.07	0.0051	<0.0180	**2.57**
Toluene	818	NS	1.1072	<0.0330	<0.344
Ethylbenzene	8.02	35.4	1.57	<0.0186	**22.9**
m,p-Xylene	260	260	3.96	0.0114BJ	**34.1**
o-Xylene	915	434	3.96	<0.0197	1.96
MTBE	63.8	282	0.027	<0.0328	**1.94**
Naphthalene	5.52	24.1	0.6528	<0.213	**23.3**
1,3,5-Trimethylbenzene	219	293	1.3821	<0.0168	**22.8**
1,2,4-Trimethylbenzene	182	NS		0.00886BJ	**81.1**

All concentrations in milligrams per kilogram or ppm. NS = No Standard. Bold concentrations exceed the NR 720 Residual Contaminant Level (RCL) based on the United States Environmental Protection Agency Regional Screening Level for groundwater protection. Samples collected 8/24/2019. J – estimated sample concentration between laboratory detection limit and method detection limit. B= Compound detected in blank

Table A.2.
Soil Analytical Results Summary of PVOC Soil Analytical Results[1]
Lenny's Service - PECFA # 53172-1943-00-A DNR BRRTS # 03-41-003443
South Milwaukee, Wisconsin

Analyte	NR 720 RCL based on USEPA RSL			P-40 0-4 FT	P-40 4-8-ft
	Non-Industrial Direct Contact	Industrial Direct Contact	Groundwater		
Benzene	1.6	7.07	0.0051	<0.0183	<0.0175
Toluene	818	NS	1.1072	<0.0336	<0.0320
Ethylbenzene	8.02	35.4	1.57	0.00863BJ	0.0103BJ
m,p-Xylene	260	260	3.96	0.0184BJ	0.0583B
o-Xylene	915	434	3.96	<0.0200	0.0123BJ
MTBE	63.8	282	0.027	<0.0334	<0.0318
Naphthalene	5.52	24.1	0.6528	<0.217	<0.207
1,3,5-Trimethylbenzene	219	293	1.3821	0.00724BJ	0.0392B
1,2,4-Trimethylbenzene	182	NS		0.0223BJ	0.374

Analyte	NR 720 RCL based on USEPA RSL			P-41 0-4	P-41 4-8
	Non-Industrial Direct Contact	Industrial Direct Contact	Groundwater		
Benzene	1.6	7.07	0.0051	<0.0217	**0.0231J**
Toluene	818	NS	1.1072	<0.0398	<0.0646
Ethylbenzene	8.02	35.4	1.57	0.0101BJ	0.552
m,p-Xylene	260	260	3.96	0.0204BJ	1.1
o-Xylene	915	434	3.96	<0.0237	0.21
MTBE	63.8	282	0.027	<0.0395	0.0351J
Naphthalene	5.52	24.1	0.6528	<0.257	**9.8**
1,3,5-Trimethylbenzene	219	293	1.3821	0.00822BJ	**3.37**
1,2,4-Trimethylbenzene	182	NS		0.0373B	**12.4**

All concentrations in milligrams per kilogram or ppm. NS = No Standard. Bold concentrations exceed the NR 720 Residual Contaminant Level (RCL) based on the United States Environmental Protection Agency Regional Screening Level for groundwater protection. Samples collected 8/24/2019. J – estimated sample concentration between laboratory detection limit and method detection limit. B= Compound detected in blank

Table A.2.
Soil Analytical Results Summary of PVOC Soil Analytical Results[1]
Lenny's Service - PECFA # 53172-1943-00-A DNR BRRTS # 03-41-003443
South Milwaukee, Wisconsin

Analyte	NR 720 RCL based on USEPA RSL			P-42 0-4 FT	P-42 4-8-ft
	Non-Industrial Direct Contact	Industrial Direct Contact	Groundwater		
Benzene	1.6	7.07	0.0051	**0.685**	<0.0349
Toluene	818	NS	1.1072	0.62	<0.0640
Ethylbenzene	8.02	35.4	1.57	0.0438B	0.052B
m,p-Xylene	260	260	3.96	0.4B	0.112B
o-Xylene	915	434	3.96	0.121B	0.176
MTBE	63.8	282	0.027	<0.0597	<0.0635
Naphthalene	5.52	24.1	0.6528	**0.702**	0.347J
1,3,5-Trimethylbenzene	219	293	1.3821	0.0414B	0.611
1,2,4-Trimethylbenzene	182	NS		0.188B	1.61

Analyte	NR 720 RCL based on USEPA RSL			P-43 0-4	P-43 4-8
	Non-Industrial Direct Contact	Industrial Direct Contact	Groundwater		
Benzene	1.6	7.07	0.0051	<0.0368	**0.0401**
Toluene	818	NS	1.1072	<0.0674	0.146
Ethylbenzene	8.02	35.4	1.57	0.286	0.034B
m,p-Xylene	260	260	3.96	0.439B	0.188B
o-Xylene	915	434	3.96	0.158B	0.114
MTBE	63.8	282	0.027	0.0272J	<0.0431
Naphthalene	5.52	24.1	0.6528	1.81	0.252J
1,3,5-Trimethylbenzene	219	293	1.3821	1.43	0.0407B
1,2,4-Trimethylbenzene	182	NS		5.29	0.148B

All concentrations in milligrams per kilogram or ppm. NS = No Standard. Bold concentrations exceed the NR 720 Residual Contaminant Level (RCL) based on the United States Environmental Protection Agency Regional Screening Level for groundwater protection. Samples collected 8/24/2019. J – estimated sample concentration between laboratory detection limit and method detection limit. B= Compound detected in blank

Table A.2.
Soil Analytical Results Summary of PVOC Soil Analytical Results[1]
Lenny's Service - PECFA # 53172-1943-00-A DNR BRRTS # 03-41-003443
South Milwaukee, Wisconsin

Analyte	NR 720 RCL based on USEPA RSL			P-44 0-4 FT	P-44 4-8-ft	P-44 8-12-ft
	Non-Industrial Direct Contact	Industrial Direct Contact	Groundwater			
Benzene	1.6	7.07	0.0051	**<0.0181**	**<0.0187**	**1.56**
Toluene	818	NS	1.1072	**0.0106J**	**<0.0344**	**<0.160**
Ethylbenzene	8.02	35.4	1.57	**0.0114BJ**	**<0.0194**	***9.82***
m,p-Xylene	260	260	3.96	**0.0309BJ**	**<0.0328**	**12.2**
o-Xylene	915	434	3.96	**0.017BJ**	**<0.0205**	**0.765**
MTBE	63.8	282	0.027	**<0.0329**	**<0.0341**	**1.26**
Naphthalene	5.52	24.1	0.6528	**<0.214**	**0.398**	**10.3J6**
1,3,5-Trimethylbenzene	219	293	1.3821	**0.0121BJ**	**0.0383B**	**12.9J6**
1,2,4-Trimethylbenzene	182	NS		**0.0274B**	**0.455**	**43.1J6**

All concentrations in milligrams per kilogram or ppm. NS = No Standard. Bold concentrations exceed the NR 720 Residual Contaminant Level (RCL) based on the United States Environmental Protection Agency Regional Screening Level for groundwater protection. Italicized exceed the NR 720 RCL for Non-industrial direct contact. Samples collected 8/24/2019. J – estimated sample concentration between laboratory detection limit and method detection limit. B= Compound detected in blank.

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

September 09, 2019

Assured Environmental Associates, Inc

Sample Delivery Group:	L1133333
Samples Received:	08/27/2019
Project Number:	
Description:	Lenny's

Report To: Gregory Walsh
14120 West Glendale Avenue
Brookfield, WI 53005

Entire Report Reviewed By:

John Hawkins
Project Manager

P-28 0-4 L1133333-01 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339337	1	09/04/19 06:34	09/04/19 06:42	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1341004	50	08/24/19 00:00	09/06/19 23:50	ADM	Mt. Juliet, TN

P-28 4-8 L1133333-02 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339338	1	09/03/19 20:51	09/03/19 20:58	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1339856	51	08/24/19 00:00	09/06/19 00:14	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1338408	51	08/24/19 00:00	09/01/19 01:10	ACG	Mt. Juliet, TN

P-29 0-4 L1133333-03 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339338	1	09/03/19 20:51	09/03/19 20:58	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1339856	50	08/24/19 00:00	09/06/19 00:38	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1338408	150	08/24/19 00:00	09/01/19 01:34	ACG	Mt. Juliet, TN

P-29 4-8 L1133333-04 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339338	1	09/03/19 20:51	09/03/19 20:58	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1338408	50.5	08/24/19 00:00	09/01/19 01:59	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1341004	202	08/24/19 00:00	09/07/19 00:14	ADM	Mt. Juliet, TN

P-29 8-12 L1133333-05 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339338	1	09/03/19 20:51	09/03/19 20:58	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1338408	50	08/24/19 00:00	09/01/19 02:24	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1341004	250	08/24/19 00:00	09/07/19 00:38	ADM	Mt. Juliet, TN

P-30 0-4 L1133333-06 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339338	1	09/03/19 20:51	09/03/19 20:58	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1338408	50	08/24/19 00:00	09/01/19 02:48	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1339856	50	08/24/19 00:00	09/06/19 01:02	ADM	Mt. Juliet, TN

P-30 4-8 L1133333-07 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339338	1	09/03/19 20:51	09/03/19 20:58	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1338408	102	08/24/19 00:00	09/01/19 03:13	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1341004	510	08/24/19 00:00	09/07/19 01:02	ADM	Mt. Juliet, TN

P-31 0-4 L1133333-08 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339338	1	09/03/19 20:51	09/03/19 20:58	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1338408	60	08/24/19 00:00	09/01/19 06:14	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1339856	60	08/24/19 00:00	09/06/19 01:26	ADM	Mt. Juliet, TN

P-31 4-8 L1133333-09 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339338	1	09/03/19 20:51	09/03/19 20:58	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1338408	50	08/24/19 00:00	09/01/19 06:38	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1339856	50	08/24/19 00:00	09/06/19 01:51	ADM	Mt. Juliet, TN

P-32 0-4 L1133333-10 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339338	1	09/03/19 20:51	09/03/19 20:58	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1338408	50	08/24/19 00:00	09/01/19 07:26	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1341004	50	08/24/19 00:00	09/07/19 01:27	ADM	Mt. Juliet, TN

P-32 4-8 L1133333-11 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339338	1	09/03/19 20:51	09/03/19 20:58	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1338408	50.5	08/24/19 00:00	09/01/19 07:50	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1341004	50.5	08/24/19 00:00	09/07/19 01:51	ADM	Mt. Juliet, TN

P-32 8-12 L1133333-12 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339340	1	09/03/19 20:25	09/03/19 20:33	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1341004	500	08/24/19 00:00	09/07/19 02:15	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1338408	500	08/24/19 00:00	09/01/19 08:14	ACG	Mt. Juliet, TN

P-33 0-4 L1133333-13 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339340	1	09/03/19 20:25	09/03/19 20:33	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1341004	50	08/24/19 00:00	09/07/19 02:40	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1338408	50	08/24/19 00:00	09/01/19 08:39	ACG	Mt. Juliet, TN

P-33 4-8 L1133333-14 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339340	1	09/03/19 20:25	09/03/19 20:33	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1341004	51	08/24/19 00:00	09/07/19 03:04	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1338408	51	08/24/19 00:00	09/01/19 09:04	ACG	Mt. Juliet, TN

P-34 0-4 L1133333-15 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339340	1	09/03/19 20:25	09/03/19 20:33	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1341004	50.5	08/24/19 00:00	09/07/19 03:28	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1338408	50.5	08/24/19 00:00	09/01/19 09:28	ACG	Mt. Juliet, TN

P-34 4-8 L1133333-16 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339340	1	09/03/19 20:25	09/03/19 20:33	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1341004	50	08/24/19 00:00	09/07/19 03:52	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1338408	50	08/24/19 00:00	09/01/19 09:53	ACG	Mt. Juliet, TN

P-35 0-4 L1133333-17 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339340	1	09/03/19 20:25	09/03/19 20:33	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1341004	50.5	08/24/19 00:00	09/07/19 04:17	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1338408	50.5	08/24/19 00:00	09/01/19 10:17	ACG	Mt. Juliet, TN

P-35 4-8 L1133333-18 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339340	1	09/03/19 20:25	09/03/19 20:33	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1341004	50	08/24/19 00:00	09/07/19 04:41	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1338408	50	08/24/19 00:00	09/01/19 10:42	ACG	Mt. Juliet, TN

P-36 0-4 L1133333-19 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339340	1	09/03/19 20:25	09/03/19 20:33	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1341004	52	08/24/19 00:00	09/07/19 05:05	ADM	Mt. Juliet, TN

P-36 4-8 L1133333-20 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339340	1	09/03/19 20:25	09/03/19 20:33	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1341004	50	08/24/19 00:00	09/07/19 05:29	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method WI(95) GRO	WG1341593	200	08/24/19 00:00	09/08/19 09:09	ADM	Mt. Juliet, TN

P-36 8-12 L1133333-21 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339340	1	09/03/19 20:25	09/03/19 20:33	KDW	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1338731	200	08/24/19 00:00	09/03/19 19:41	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method WI(95) GRO	WG1339976	1000	08/24/19 00:00	09/05/19 15:48	ADM	Mt. Juliet, TN

P-37 0-4 L1133333-22 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339342	1	09/03/19 20:06	09/03/19 20:14	KBC	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1338731	52.5	08/24/19 00:00	09/03/19 11:48	ADM	Mt. Juliet, TN

P-37 4-8 L1133333-23 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339342	1	09/03/19 20:06	09/03/19 20:14	KBC	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1338731	52	08/24/19 00:00	09/03/19 12:13	ADM	Mt. Juliet, TN

P-38 0-4 L1133333-24 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339342	1	09/03/19 20:06	09/03/19 20:14	KBC	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1338731	50	08/24/19 00:00	09/03/19 12:37	ADM	Mt. Juliet, TN

P-38 4-8 L1133333-25 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339342	1	09/03/19 20:06	09/03/19 20:14	KBC	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1338731	50	08/24/19 00:00	09/03/19 13:01	ADM	Mt. Juliet, TN

P-38 8-12 L1133333-26 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339342	1	09/03/19 20:06	09/03/19 20:14	KBC	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1338731	50	08/24/19 00:00	09/03/19 13:26	ADM	Mt. Juliet, TN

P-39 0-4 L1133333-27 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339342	1	09/03/19 20:06	09/03/19 20:14	KBC	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1338731	50	08/24/19 00:00	09/03/19 13:50	ADM	Mt. Juliet, TN

P-39 4-8 L1133333-28 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339342	1	09/03/19 20:06	09/03/19 20:14	KBC	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1338731	500	08/24/19 00:00	09/03/19 20:30	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method WI(95) GRO	WG1339976	2000	08/24/19 00:00	09/05/19 17:30	ADM	Mt. Juliet, TN

P-40 0-4 L1133333-29 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339342	1	09/03/19 20:06	09/03/19 20:14	KBC	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1338731	50	08/24/19 00:00	09/03/19 14:15	ADM	Mt. Juliet, TN

P-40 4-8 L1133333-30 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339342	1	09/03/19 20:06	09/03/19 20:14	KBC	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1338731	50	08/24/19 00:00	09/03/19 14:39	ADM	Mt. Juliet, TN

P-41 0-4 L1133333-31 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339342	1	09/03/19 20:06	09/03/19 20:14	KBC	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO	WG1338731	55.5	08/24/19 00:00	09/03/19 15:04	ADM	Mt. Juliet, TN

P-41 4-8 L1133333-32 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339344	1	09/04/19 13:59	09/04/19 14:08	KBC	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1338731	102	08/24/19 00:00	09/03/19 15:28	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method WI(95) GRO	WG1339976	1020	08/24/19 00:00	09/05/19 16:13	ADM	Mt. Juliet, TN

P-42 0-4 L1133333-33 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339344	1	09/04/19 13:59	09/04/19 14:08	KBC	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1338731	96	08/24/19 00:00	09/03/19 15:52	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method WI(95) GRO	WG1339976	96	08/24/19 00:00	09/05/19 12:31	ADM	Mt. Juliet, TN

P-42 4-8 L1133333-34 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339344	1	09/04/19 13:59	09/04/19 14:08	KBC	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1338731	100	08/24/19 00:00	09/03/19 16:17	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method WI(95) GRO	WG1339976	200	08/24/19 00:00	09/05/19 14:08	ADM	Mt. Juliet, TN

P-43 0-4 L1133333-35 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339344	1	09/04/19 13:59	09/04/19 14:08	KBC	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1338731	107	08/24/19 00:00	09/03/19 16:41	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method WI(95) GRO	WG1339976	214	08/24/19 00:00	09/05/19 15:00	ADM	Mt. Juliet, TN

P-43 4-8 L1133333-36 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339344	1	09/04/19 13:59	09/04/19 14:08	KBC	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1338731	70	08/24/19 00:00	09/03/19 17:06	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method WI(95) GRO	WG1339976	70	08/24/19 00:00	09/05/19 12:55	ADM	Mt. Juliet, TN

P-44 0-4 L1133333-37 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1340465	1	09/05/19 11:22	09/05/19 11:22	KBC	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1338731	50	08/24/19 00:00	09/03/19 17:46	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method WI(95) GRO	WG1339976	50	08/24/19 00:00	09/05/19 13:20	ADM	Mt. Juliet, TN

P-44 4-8 L1133333-38 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339344	1	09/04/19 13:59	09/04/19 14:08	KBC	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1338731	56	08/24/19 00:00	09/03/19 18:10	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method WI(95) GRO	WG1339976	224	08/24/19 00:00	09/05/19 15:24	ADM	Mt. Juliet, TN

P-44 8-12 L1133333-39 Solid

Collected by: Michael Goy | Collected date/time: 08/24/19 00:00 | Received date/time: 08/27/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1339344	1	09/04/19 13:59	09/04/19 14:08	KBC	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8021B	WG1338731	250	08/24/19 00:00	09/03/19 20:06	ADM	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method WI(95) GRO	WG1339976	1000	08/24/19 00:00	09/05/19 16:37	ADM	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

John Hawkins
Project Manager

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	93.1		1	09/04/2019 06:42	WG1339337

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.00473	0.0157	50	09/06/2019 23:50	WG1341004
Toluene	U		0.00865	0.0288	50	09/06/2019 23:50	WG1341004
Ethylbenzene	U		0.00489	0.0163	50	09/06/2019 23:50	WG1341004
m&p-Xylene	U		0.00827	0.0276	50	09/06/2019 23:50	WG1341004
o-Xylene	U		0.00516	0.0172	50	09/06/2019 23:50	WG1341004
Methyl tert-butyl ether	U		0.00859	0.0286	50	09/06/2019 23:50	WG1341004
Naphthalene	U		0.0559	0.186	50	09/06/2019 23:50	WG1341004
1,3,5-Trimethylbenzene	0.00445	B J	0.00440	0.0147	50	09/06/2019 23:50	WG1341004
1,2,4-Trimethylbenzene	0.00576	B J	0.00575	0.0192	50	09/06/2019 23:50	WG1341004
TPH (GC/FID) Low Fraction	U		0.591	1.97	50	09/06/2019 23:50	WG1341004
(S) a,a,a-Trifluorotoluene(PID)	*101*			*80.0-200*		*09/06/2019 23:50*	WG1341004

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.3		1	09/03/2019 20:58	WG1339338

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.00520	0.0173	51	09/01/2019 01:10	WG1338408
Toluene	U		0.00951	0.0317	51	09/01/2019 01:10	WG1338408
Ethylbenzene	0.00600	B J	0.00537	0.0179	51	09/01/2019 01:10	WG1338408
m&p-Xylene	U		0.00909	0.0303	51	09/01/2019 01:10	WG1338408
o-Xylene	U		0.00568	0.0189	51	09/01/2019 01:10	WG1338408
Methyl tert-butyl ether	U		0.00945	0.0315	51	09/01/2019 01:10	WG1338408
Naphthalene	U		0.0614	0.205	51	09/06/2019 00:14	WG1339856
1,3,5-Trimethylbenzene	U		0.00484	0.0161	51	09/01/2019 01:10	WG1338408
1,2,4-Trimethylbenzene	0.00648	B J	0.00632	0.0211	51	09/01/2019 01:10	WG1338408
TPH (GC/FID) Low Fraction	U		0.650	2.17	51	09/01/2019 01:10	WG1338408
(S) a,a,a-Trifluorotoluene(PID)	*96.3*			*80.0-200*		*09/01/2019 01:10*	WG1338408
(S) a,a,a-Trifluorotoluene(PID)	*98.7*			*80.0-200*		*09/06/2019 00:14*	WG1339856

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.5		1	09/03/2019 20:58	WG1339338

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.0162	0.0540	150	09/01/2019 01:34	WG1338408
Toluene	U		0.0297	0.0989	150	09/01/2019 01:34	WG1338408
Ethylbenzene	U		0.0167	0.0558	150	09/01/2019 01:34	WG1338408
m&p-Xylene	U		0.0284	0.0945	150	09/01/2019 01:34	WG1338408
o-Xylene	U		0.0177	0.0589	150	09/01/2019 01:34	WG1338408
Methyl tert-butyl ether	U		0.0295	0.0982	150	09/01/2019 01:34	WG1338408
Naphthalene	U		0.0638	0.213	50	09/06/2019 00:38	WG1339856
1,3,5-Trimethylbenzene	U		0.0151	0.0503	150	09/01/2019 01:34	WG1338408
1,2,4-Trimethylbenzene	0.0232	B J	0.0196	0.0657	150	09/01/2019 01:34	WG1338408
TPH (GC/FID) Low Fraction	U		2.03	6.76	150	09/01/2019 01:34	WG1338408
(S) a,a,a-Trifluorotoluene(PID)	*96.2*			*80.0-200*		*09/01/2019 01:34*	WG1338408
(S) a,a,a-Trifluorotoluene(PID)	*97.7*			*80.0-200*		*09/06/2019 00:38*	WG1339856

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.4		1	09/03/2019 20:58	WG1339338

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.0670		0.00539	0.0180	50.5	09/01/2019 01:59	WG1338408
Toluene	0.0841		0.00987	0.0329	50.5	09/01/2019 01:59	WG1338408
Ethylbenzene	0.0764	B	0.00558	0.0186	50.5	09/01/2019 01:59	WG1338408
m&p-Xylene	0.135		0.00944	0.0314	50.5	09/01/2019 01:59	WG1338408
o-Xylene	0.101		0.00589	0.0196	50.5	09/01/2019 01:59	WG1338408
Methyl tert-butyl ether	0.0107	J	0.00981	0.0327	50.5	09/01/2019 01:59	WG1338408
Naphthalene	1.34		0.255	0.851	202	09/07/2019 00:14	WG1341004
1,3,5-Trimethylbenzene	0.156		0.00503	0.0167	50.5	09/01/2019 01:59	WG1338408
1,2,4-Trimethylbenzene	1.20		0.00655	0.0219	50.5	09/01/2019 01:59	WG1338408
TPH (GC/FID) Low Fraction	170		2.69	9.00	202	09/07/2019 00:14	WG1341004
(S) a,a,a-Trifluorotoluene(PID)	*101*			*80.0-200*		*09/01/2019 01:59*	WG1338408
(S) a,a,a-Trifluorotoluene(PID)	*96.8*			*80.0-200*		*09/07/2019 00:14*	WG1341004

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	91.0		1	09/03/2019 20:58	WG1339338

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.0722		0.00484	0.0161	50	09/01/2019 02:24	WG1338408
Toluene	0.0579		0.00885	0.0295	50	09/01/2019 02:24	WG1338408
Ethylbenzene	1.35		0.00500	0.0167	50	09/01/2019 02:24	WG1338408
m&p-Xylene	4.59		0.00846	0.0282	50	09/01/2019 02:24	WG1338408
o-Xylene	0.239		0.00528	0.0176	50	09/01/2019 02:24	WG1338408
Methyl tert-butyl ether	0.0832		0.00879	0.0293	50	09/01/2019 02:24	WG1338408
Naphthalene	3.93		0.286	0.954	250	09/07/2019 00:38	WG1341004
1,3,5-Trimethylbenzene	2.87		0.00451	0.0150	50	09/01/2019 02:24	WG1338408
1,2,4-Trimethylbenzene	10.9		0.00588	0.0196	50	09/01/2019 02:24	WG1338408
TPH (GC/FID) Low Fraction	303		3.02	10.1	250	09/07/2019 00:38	WG1341004
(S) a,a,a-Trifluorotoluene(PID)	*130*			*80.0-200*		*09/01/2019 02:24*	WG1338408
(S) a,a,a-Trifluorotoluene(PID)	*98.1*			*80.0-200*		*09/07/2019 00:38*	WG1341004

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	72.9		1	09/03/2019 20:58	WG1339338

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.00603	0.0201	50	09/01/2019 02:48	WG1338408
Toluene	U		0.0110	0.0368	50	09/01/2019 02:48	WG1338408
Ethylbenzene	0.0116	B J	0.00624	0.0208	50	09/01/2019 02:48	WG1338408
m&p-Xylene	0.0399	B	0.0106	0.0352	50	09/01/2019 02:48	WG1338408
o-Xylene	U		0.00658	0.0219	50	09/01/2019 02:48	WG1338408
Methyl tert-butyl ether	U		0.0110	0.0365	50	09/01/2019 02:48	WG1338408
Naphthalene	U		0.0713	0.238	50	09/06/2019 01:02	WG1339856
1,3,5-Trimethylbenzene	0.0292	B	0.00562	0.0187	50	09/01/2019 02:48	WG1338408
1,2,4-Trimethylbenzene	0.148		0.00734	0.0245	50	09/01/2019 02:48	WG1338408
TPH (GC/FID) Low Fraction	U		0.754	2.52	50	09/06/2019 01:02	WG1339856
(S) a,a,a-Trifluorotoluene(PID)	*94.0*			*80.0-200*		*09/01/2019 02:48*	WG1338408
(S) a,a,a-Trifluorotoluene(PID)	*98.6*			*80.0-200*		*09/06/2019 01:02*	WG1339856

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.9		1	09/03/2019 20:58	WG1339338

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.140		0.0110	0.0365	102	09/01/2019 03:13	WG1338408
Toluene	0.104		0.0200	0.0669	102	09/01/2019 03:13	WG1338408
Ethylbenzene	0.615		0.0113	0.0377	102	09/01/2019 03:13	WG1338408
m&p-Xylene	3.47		0.0192	0.0639	102	09/01/2019 03:13	WG1338408
o-Xylene	0.522		0.0119	0.0398	102	09/01/2019 03:13	WG1338408
Methyl tert-butyl ether	0.118		0.0199	0.0664	102	09/01/2019 03:13	WG1338408
Naphthalene	4.72		0.647	2.16	510	09/07/2019 01:02	WG1341004
1,3,5-Trimethylbenzene	1.37		0.0102	0.0340	102	09/01/2019 03:13	WG1338408
1,2,4-Trimethylbenzene	16.6		0.0133	0.0444	102	09/01/2019 03:13	WG1338408
TPH (GC/FID) Low Fraction	563		6.85	22.8	510	09/07/2019 01:02	WG1341004
(S) a,a,a-Trifluorotoluene(PID)	*114*			*80.0-200*		*09/01/2019 03:13*	WG1338408
(S) a,a,a-Trifluorotoluene(PID)	*96.8*			*80.0-200*		*09/07/2019 01:02*	WG1341004

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	74.4		1	09/03/2019 20:58	WG1339338

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.00709	0.0236	60	09/01/2019 06:14	WG1338408
Toluene	0.0238	J	0.0130	0.0433	60	09/01/2019 06:14	WG1338408
Ethylbenzene	0.0666	B	0.00734	0.0244	60	09/01/2019 06:14	WG1338408
m&p-Xylene	0.311		0.0124	0.0414	60	09/01/2019 06:14	WG1338408
o-Xylene	0.0465		0.00774	0.0258	60	09/01/2019 06:14	WG1338408
Methyl tert-butyl ether	U		0.0129	0.0430	60	09/01/2019 06:14	WG1338408
Naphthalene	U		0.0838	0.280	60	09/06/2019 01:26	WG1339856
1,3,5-Trimethylbenzene	0.0881	B	0.00661	0.0220	60	09/01/2019 06:14	WG1338408
1,2,4-Trimethylbenzene	1.67		0.00863	0.0288	60	09/01/2019 06:14	WG1338408
TPH (GC/FID) Low Fraction	1.26	B J	0.887	2.96	60	09/06/2019 01:26	WG1339856
(S) a,a,a-Trifluorotoluene(PID)	*93.5*			*80.0-200*		*09/01/2019 06:14*	WG1338408
(S) a,a,a-Trifluorotoluene(PID)	*99.2*			*80.0-200*		*09/06/2019 01:26*	WG1339856

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.8		1	09/03/2019 20:58	WG1339338

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.00525	0.0175	50	09/01/2019 06:38	WG1338408
Toluene	U		0.00961	0.0320	50	09/01/2019 06:38	WG1338408
Ethylbenzene	U		0.00543	0.0181	50	09/01/2019 06:38	WG1338408
m&p-Xylene	0.0162	B J	0.00919	0.0306	50	09/01/2019 06:38	WG1338408
o-Xylene	0.0109	J	0.00573	0.0191	50	09/01/2019 06:38	WG1338408
Methyl tert-butyl ether	U		0.00955	0.0318	50	09/01/2019 06:38	WG1338408
Naphthalene	U		0.0620	0.207	50	09/06/2019 01:51	WG1339856
1,3,5-Trimethylbenzene	U		0.00489	0.0163	50	09/01/2019 06:38	WG1338408
1,2,4-Trimethylbenzene	0.0818	B	0.00638	0.0213	50	09/01/2019 06:38	WG1338408
TPH (GC/FID) Low Fraction	U		0.656	2.19	50	09/06/2019 01:51	WG1339856
(S) a,a,a-Trifluorotoluene(PID)	*93.8*			*80.0-200*		*09/01/2019 06:38*	WG1338408
(S) a,a,a-Trifluorotoluene(PID)	*99.4*			*80.0-200*		*09/06/2019 01:51*	WG1339856

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	73.5		1	09/03/2019 20:58	WG1339338

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.00599	0.0199	50	09/01/2019 07:26	WG1338408
Toluene	U		0.0110	0.0365	50	09/01/2019 07:26	WG1338408
Ethylbenzene	0.00695	B J	0.00619	0.0206	50	09/01/2019 07:26	WG1338408
m&p-Xylene	0.0217	B J	0.0105	0.0349	50	09/01/2019 07:26	WG1338408
o-Xylene	U		0.00653	0.0218	50	09/01/2019 07:26	WG1338408
Methyl tert-butyl ether	U		0.0109	0.0363	50	09/01/2019 07:26	WG1338408
Naphthalene	U		0.0707	0.236	50	09/07/2019 01:27	WG1341004
1,3,5-Trimethylbenzene	0.00638	B J	0.00558	0.0186	50	09/01/2019 07:26	WG1338408
1,2,4-Trimethylbenzene	0.0418	B	0.00728	0.0243	50	09/01/2019 07:26	WG1338408
TPH (GC/FID) Low Fraction	2.46	J	0.748	2.50	50	09/07/2019 01:27	WG1341004
(S) a,a,a-Trifluorotoluene(PID)	*96.7*			*80.0-200*		*09/01/2019 07:26*	WG1338408
(S) a,a,a-Trifluorotoluene(PID)	*98.4*			*80.0-200*		*09/07/2019 01:27*	WG1341004

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	78.2		1	09/03/2019 20:58	WG1339338

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.00568	0.0189	50.5	09/01/2019 07:50	WG1338408
Toluene	U		0.0104	0.0347	50.5	09/01/2019 07:50	WG1338408
Ethylbenzene	U		0.00588	0.0196	50.5	09/01/2019 07:50	WG1338408
m&p-Xylene	0.0106	B J	0.00995	0.0331	50.5	09/01/2019 07:50	WG1338408
o-Xylene	0.0127	J	0.00620	0.0207	50.5	09/01/2019 07:50	WG1338408
Methyl tert-butyl ether	U		0.0103	0.0344	50.5	09/01/2019 07:50	WG1338408
Naphthalene	U		0.0671	0.224	50.5	09/07/2019 01:51	WG1341004
1,3,5-Trimethylbenzene	U		0.00529	0.0176	50.5	09/01/2019 07:50	WG1338408
1,2,4-Trimethylbenzene	0.0293	B	0.00690	0.0231	50.5	09/01/2019 07:50	WG1338408
TPH (GC/FID) Low Fraction	1.12	J	0.711	2.37	50.5	09/07/2019 01:51	WG1341004
(S) a,a,a-Trifluorotoluene(PID)	*95.3*			*80.0-200*		*09/01/2019 07:50*	WG1338408
(S) a,a,a-Trifluorotoluene(PID)	*99.2*			*80.0-200*		*09/07/2019 01:51*	WG1341004

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.7		1	09/03/2019 20:33	WG1339340

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.0545	0.182	500	09/01/2019 08:14	WG1338408
Toluene	0.128	J	0.0998	0.333	500	09/01/2019 08:14	WG1338408
Ethylbenzene	10.5		0.0564	0.188	500	09/01/2019 08:14	WG1338408
m&p-Xylene	18.0		0.0954	0.318	500	09/01/2019 08:14	WG1338408
o-Xylene	2.36		0.0595	0.198	500	09/01/2019 08:14	WG1338408
Methyl tert-butyl ether	0.364		0.0992	0.330	500	09/01/2019 08:14	WG1338408
Naphthalene	4.46		0.645	2.15	500	09/07/2019 02:15	WG1341004
1,3,5-Trimethylbenzene	12.1		0.0508	0.169	500	09/01/2019 08:14	WG1338408
1,2,4-Trimethylbenzene	40.6		0.0663	0.221	500	09/01/2019 08:14	WG1338408
TPH (GC/FID) Low Fraction	641		6.82	22.7	500	09/01/2019 08:14	WG1338408
(S) a,a,a-Trifluorotoluene(PID)	*104*			*80.0-200*		*09/01/2019 08:14*	WG1338408
(S) a,a,a-Trifluorotoluene(PID)	*98.1*			*80.0-200*		*09/07/2019 02:15*	WG1341004

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	77.1		1	09/03/2019 20:33	WG1339340

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.00571	0.0190	50	09/01/2019 08:39	WG1338408
Toluene	U		0.0104	0.0348	50	09/01/2019 08:39	WG1338408
Ethylbenzene	0.0183	B J	0.00590	0.0197	50	09/01/2019 08:39	WG1338408
m&p-Xylene	0.0323	B J	0.00999	0.0333	50	09/01/2019 08:39	WG1338408
o-Xylene	U		0.00623	0.0208	50	09/01/2019 08:39	WG1338408
Methyl tert-butyl ether	U		0.0104	0.0346	50	09/01/2019 08:39	WG1338408
Naphthalene	U		0.0675	0.225	50	09/07/2019 02:40	WG1341004
1,3,5-Trimethylbenzene	0.0225	B	0.00532	0.0177	50	09/01/2019 08:39	WG1338408
1,2,4-Trimethylbenzene	0.0837	B	0.00694	0.0232	50	09/01/2019 08:39	WG1338408
TPH (GC/FID) Low Fraction	3.09		0.713	2.38	50	09/01/2019 08:39	WG1338408
(S) a,a,a-Trifluorotoluene(PID)	*95.6*			*80.0-200*		*09/01/2019 08:39*	WG1338408
(S) a,a,a-Trifluorotoluene(PID)	*98.9*			*80.0-200*		*09/07/2019 02:40*	WG1341004

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.0		1	09/03/2019 20:33	WG1339340

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.00529	0.0176	51	09/01/2019 09:04	WG1338408
Toluene	U		0.00966	0.0322	51	09/01/2019 09:04	WG1338408
Ethylbenzene	0.00550	B J	0.00546	0.0182	51	09/01/2019 09:04	WG1338408
m&p-Xylene	0.00960	B J	0.00924	0.0308	51	09/01/2019 09:04	WG1338408
o-Xylene	U		0.00577	0.0192	51	09/01/2019 09:04	WG1338408
Methyl tert-butyl ether	U		0.00961	0.0320	51	09/01/2019 09:04	WG1338408
Naphthalene	U		0.0624	0.208	51	09/07/2019 03:04	WG1341004
1,3,5-Trimethylbenzene	0.00520	B J	0.00492	0.0164	51	09/01/2019 09:04	WG1338408
1,2,4-Trimethylbenzene	0.0184	B J	0.00643	0.0214	51	09/01/2019 09:04	WG1338408
TPH (GC/FID) Low Fraction	0.960	J	0.660	2.20	51	09/01/2019 09:04	WG1338408
(S) a,a,a-Trifluorotoluene(PID)	*96.4*			*80.0-200*		*09/01/2019 09:04*	WG1338408
(S) a,a,a-Trifluorotoluene(PID)	*99.0*			*80.0-200*		*09/07/2019 03:04*	WG1341004

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	92.5		1	09/03/2019 20:33	WG1339340

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.00480	0.0160	50.5	09/01/2019 09:28	WG1338408
Toluene	U		0.00879	0.0293	50.5	09/01/2019 09:28	WG1338408
Ethylbenzene	U		0.00497	0.0165	50.5	09/01/2019 09:28	WG1338408
m&p-Xylene	0.00933	B J	0.00841	0.0280	50.5	09/01/2019 09:28	WG1338408
o-Xylene	U		0.00524	0.0175	50.5	09/01/2019 09:28	WG1338408
Methyl tert-butyl ether	U		0.00874	0.0291	50.5	09/01/2019 09:28	WG1338408
Naphthalene	U		0.0568	0.189	50.5	09/07/2019 03:28	WG1341004
1,3,5-Trimethylbenzene	0.00472	B J	0.00448	0.0149	50.5	09/01/2019 09:28	WG1338408
1,2,4-Trimethylbenzene	0.0136	B J	0.00584	0.0195	50.5	09/01/2019 09:28	WG1338408
TPH (GC/FID) Low Fraction	0.901	J	0.601	2.00	50.5	09/01/2019 09:28	WG1338408
(S) a,a,a-Trifluorotoluene(PID)	*95.8*			*80.0-200*		*09/01/2019 09:28*	WG1338408
(S) a,a,a-Trifluorotoluene(PID)	*99.3*			*80.0-200*		*09/07/2019 03:28*	WG1341004

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.2		1	09/03/2019 20:33	WG1339340

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.00597	J	0.00517	0.0172	50	09/01/2019 09:53	WG1338408
Toluene	U		0.00945	0.0315	50	09/01/2019 09:53	WG1338408
Ethylbenzene	0.206		0.00534	0.0178	50	09/01/2019 09:53	WG1338408
m&p-Xylene	0.400		0.00904	0.0301	50	09/01/2019 09:53	WG1338408
o-Xylene	0.0683		0.00564	0.0188	50	09/01/2019 09:53	WG1338408
Methyl tert-butyl ether	0.0112	J	0.00939	0.0313	50	09/01/2019 09:53	WG1338408
Naphthalene	0.813		0.0611	0.204	50	09/07/2019 03:52	WG1341004
1,3,5-Trimethylbenzene	0.904		0.00481	0.0160	50	09/01/2019 09:53	WG1338408
1,2,4-Trimethylbenzene	2.86		0.00628	0.0210	50	09/01/2019 09:53	WG1338408
TPH (GC/FID) Low Fraction	91.9		0.646	2.15	50	09/01/2019 09:53	WG1338408
(S) a,a,a-Trifluorotoluene(PID)	*94.7*			*80.0-200*		*09/01/2019 09:53*	WG1338408
(S) a,a,a-Trifluorotoluene(PID)	*98.6*			*80.0-200*		*09/07/2019 03:52*	WG1341004

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	93.2		1	09/03/2019 20:33	WG1339340

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.00477	0.0159	50.5	09/01/2019 10:17	WG1338408
Toluene	U		0.00873	0.0291	50.5	09/01/2019 10:17	WG1338408
Ethylbenzene	U		0.00494	0.0164	50.5	09/01/2019 10:17	WG1338408
m&p-Xylene	0.0102	B J	0.00835	0.0278	50.5	09/01/2019 10:17	WG1338408
o-Xylene	U		0.00521	0.0173	50.5	09/01/2019 10:17	WG1338408
Methyl tert-butyl ether	U		0.00867	0.0289	50.5	09/01/2019 10:17	WG1338408
Naphthalene	U		0.0564	0.188	50.5	09/07/2019 04:17	WG1341004
1,3,5-Trimethylbenzene	0.00766	B J	0.00444	0.0148	50.5	09/01/2019 10:17	WG1338408
1,2,4-Trimethylbenzene	0.0296	B	0.00580	0.0194	50.5	09/01/2019 10:17	WG1338408
TPH (GC/FID) Low Fraction	2.81		0.597	1.99	50.5	09/01/2019 10:17	WG1338408
(S) a,a,a-Trifluorotoluene(PID)	*97.6*			*80.0-200*		*09/01/2019 10:17*	WG1338408
(S) a,a,a-Trifluorotoluene(PID)	*101*			*80.0-200*		*09/07/2019 04:17*	WG1341004

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.2		1	09/03/2019 20:33	WG1339340

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.00542	0.0180	50	09/01/2019 10:42	WG1338408
Toluene	U		0.00991	0.0331	50	09/01/2019 10:42	WG1338408
Ethylbenzene	0.439		0.00560	0.0187	50	09/01/2019 10:42	WG1338408
m&p-Xylene	0.272		0.00948	0.0316	50	09/01/2019 10:42	WG1338408
o-Xylene	0.0427		0.00591	0.0197	50	09/01/2019 10:42	WG1338408
Methyl tert-butyl ether	U		0.00985	0.0328	50	09/01/2019 10:42	WG1338408
Naphthalene	0.731		0.0640	0.214	50	09/07/2019 04:41	WG1341004
1,3,5-Trimethylbenzene	0.235		0.00505	0.0168	50	09/01/2019 10:42	WG1338408
1,2,4-Trimethylbenzene	1.27		0.00659	0.0220	50	09/01/2019 10:42	WG1338408
TPH (GC/FID) Low Fraction	66.7		0.677	2.26	50	09/01/2019 10:42	WG1338408
(S) a,a,a-Trifluorotoluene(PID)	*92.9*			*80.0-200*		*09/01/2019 10:42*	WG1338408
(S) a,a,a-Trifluorotoluene(PID)	*98.6*			*80.0-200*		*09/07/2019 04:41*	WG1341004

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.1		1	09/03/2019 20:33	WG1339340

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.133		0.00551	0.0183	52	09/07/2019 05:05	WG1341004
Toluene	0.0479		0.0101	0.0336	52	09/07/2019 05:05	WG1341004
Ethylbenzene	0.00780	B J	0.00569	0.0190	52	09/07/2019 05:05	WG1341004
m&p-Xylene	0.0201	B J	0.00964	0.0321	52	09/07/2019 05:05	WG1341004
o-Xylene	0.0122	B J	0.00600	0.0200	52	09/07/2019 05:05	WG1341004
Methyl tert-butyl ether	U		0.0100	0.0333	52	09/07/2019 05:05	WG1341004
Naphthalene	U		0.0651	0.217	52	09/07/2019 05:05	WG1341004
1,3,5-Trimethylbenzene	U		0.00512	0.0171	52	09/07/2019 05:05	WG1341004
1,2,4-Trimethylbenzene	U		0.00669	0.0223	52	09/07/2019 05:05	WG1341004
TPH (GC/FID) Low Fraction	0.928	J	0.688	2.30	52	09/07/2019 05:05	WG1341004
(S) a,a,a-Trifluorotoluene(PID)	*99.5*			*80.0-200*		*09/07/2019 05:05*	WG1341004

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.6		1	09/03/2019 20:33	WG1339340

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.00520	0.0173	50	09/07/2019 05:29	WG1341004
Toluene	0.0203	J	0.00952	0.0318	50	09/07/2019 05:29	WG1341004
Ethylbenzene	0.0495	B	0.00538	0.0179	50	09/07/2019 05:29	WG1341004
m&p-Xylene	0.109	B	0.00911	0.0303	50	09/07/2019 05:29	WG1341004
o-Xylene	0.145		0.00568	0.0189	50	09/07/2019 05:29	WG1341004
Methyl tert-butyl ether	U		0.00946	0.0315	50	09/07/2019 05:29	WG1341004
Naphthalene	0.639		0.0615	0.205	50	09/07/2019 05:29	WG1341004
1,3,5-Trimethylbenzene	1.57		0.00485	0.0161	50	09/07/2019 05:29	WG1341004
1,2,4-Trimethylbenzene	2.17		0.00633	0.0211	50	09/07/2019 05:29	WG1341004
TPH (GC/FID) Low Fraction	642	J4	2.60	8.68	200	09/08/2019 09:09	WG1341593
(S) a,a,a-Trifluorotoluene(PID)	*95.6*			*80.0-200*		*09/07/2019 05:29*	WG1341004
(S) a,a,a-Trifluorotoluene(PID)	*99.0*			*80.0-200*		*09/08/2019 09:09*	WG1341593

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.3		1	09/03/2019 20:33	WG1339340

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.239		0.0209	0.0695	200	09/03/2019 19:41	WG1338731
Toluene	0.0958	J	0.0382	0.127	200	09/03/2019 19:41	WG1338731
Ethylbenzene	4.58		0.0216	0.0719	200	09/03/2019 19:41	WG1338731
m&p-Xylene	9.47		0.0366	0.122	200	09/03/2019 19:41	WG1338731
o-Xylene	1.76		0.0228	0.0760	200	09/03/2019 19:41	WG1338731
Methyl tert-butyl ether	0.136		0.0380	0.127	200	09/03/2019 19:41	WG1338731
Naphthalene	7.95		0.247	0.824	200	09/03/2019 19:41	WG1338731
1,3,5-Trimethylbenzene	7.61		0.0195	0.0648	200	09/03/2019 19:41	WG1338731
1,2,4-Trimethylbenzene	26.7		0.0254	0.0847	200	09/03/2019 19:41	WG1338731
TPH (GC/FID) Low Fraction	1200		13.1	43.6	1000	09/05/2019 15:48	WG1339976
(S) a,a,a-Trifluorotoluene(PID)	*101*			*80.0-200*		*09/03/2019 19:41*	WG1338731
(S) a,a,a-Trifluorotoluene(PID)	*97.3*			*80.0-200*		*09/05/2019 15:48*	WG1339976

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.4		1	09/03/2019 20:14	WG1339342

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.00528	0.0176	52.5	09/03/2019 11:48	WG1338731
Toluene	0.0116	J	0.00966	0.0322	52.5	09/03/2019 11:48	WG1338731
Ethylbenzene	0.00803	B J	0.00547	0.0182	52.5	09/03/2019 11:48	WG1338731
m&p-Xylene	0.0335	B	0.00924	0.0308	52.5	09/03/2019 11:48	WG1338731
o-Xylene	0.0113	B J	0.00576	0.0192	52.5	09/03/2019 11:48	WG1338731
Methyl tert-butyl ether	U		0.00961	0.0320	52.5	09/03/2019 11:48	WG1338731
Naphthalene	U		0.0624	0.208	52.5	09/03/2019 11:48	WG1338731
1,3,5-Trimethylbenzene	0.0101	B J	0.00492	0.0164	52.5	09/03/2019 11:48	WG1338731
1,2,4-Trimethylbenzene	0.0202	B J	0.00643	0.0214	52.5	09/03/2019 11:48	WG1338731
TPH (GC/FID) Low Fraction	U		0.661	2.20	52.5	09/03/2019 11:48	WG1338731
(S) a,a,a-Trifluorotoluene(PID)	*96.8*			*80.0-200*		*09/03/2019 11:48*	WG1338731

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.5		1	09/03/2019 20:14	WG1339342

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.00542	0.0180	52	09/03/2019 12:13	WG1338731
Toluene	U		0.00991	0.0331	52	09/03/2019 12:13	WG1338731
Ethylbenzene	U		0.00560	0.0187	52	09/03/2019 12:13	WG1338731
m&p-Xylene	0.0145	B J	0.00948	0.0316	52	09/03/2019 12:13	WG1338731
o-Xylene	U		0.00591	0.0197	52	09/03/2019 12:13	WG1338731
Methyl tert-butyl ether	U		0.00985	0.0328	52	09/03/2019 12:13	WG1338731
Naphthalene	U		0.0640	0.214	52	09/03/2019 12:13	WG1338731
1,3,5-Trimethylbenzene	U		0.00504	0.0168	52	09/03/2019 12:13	WG1338731
1,2,4-Trimethylbenzene	0.00915	B J	0.00658	0.0220	52	09/03/2019 12:13	WG1338731
TPH (GC/FID) Low Fraction	U		0.677	2.26	52	09/03/2019 12:13	WG1338731
(S) a,a,a-Trifluorotoluene(PID)	*97.3*			*80.0-200*		*09/03/2019 12:13*	WG1338731

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	93.8		1	09/03/2019 20:14	WG1339342

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.00469	0.0156	50	09/03/2019 12:37	WG1338731
Toluene	0.0146	J	0.00858	0.0286	50	09/03/2019 12:37	WG1338731
Ethylbenzene	U		0.00485	0.0162	50	09/03/2019 12:37	WG1338731
m&p-Xylene	0.0157	B J	0.00821	0.0274	50	09/03/2019 12:37	WG1338731
o-Xylene	U		0.00512	0.0171	50	09/03/2019 12:37	WG1338731
Methyl tert-butyl ether	U		0.00853	0.0284	50	09/03/2019 12:37	WG1338731
Naphthalene	U		0.0555	0.185	50	09/03/2019 12:37	WG1338731
1,3,5-Trimethylbenzene	U		0.00437	0.0146	50	09/03/2019 12:37	WG1338731
1,2,4-Trimethylbenzene	0.00810	B J	0.00571	0.0190	50	09/03/2019 12:37	WG1338731
TPH (GC/FID) Low Fraction	U		0.587	1.96	50	09/03/2019 12:37	WG1338731
(S) a,a,a-Trifluorotoluene(PID)	*97.0*			*80.0-200*		*09/03/2019 12:37*	WG1338731

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.2		1	09/03/2019 20:14	WG1339342

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.00510	0.0170	50	09/03/2019 13:01	WG1338731
Toluene	U		0.00934	0.0311	50	09/03/2019 13:01	WG1338731
Ethylbenzene	U		0.00528	0.0176	50	09/03/2019 13:01	WG1338731
m&p-Xylene	0.0102	B J	0.00893	0.0298	50	09/03/2019 13:01	WG1338731
o-Xylene	U		0.00557	0.0186	50	09/03/2019 13:01	WG1338731
Methyl tert-butyl ether	U		0.00928	0.0309	50	09/03/2019 13:01	WG1338731
Naphthalene	U		0.0603	0.201	50	09/03/2019 13:01	WG1338731
1,3,5-Trimethylbenzene	U		0.00476	0.0158	50	09/03/2019 13:01	WG1338731
1,2,4-Trimethylbenzene	0.00733	B J	0.00621	0.0207	50	09/03/2019 13:01	WG1338731
TPH (GC/FID) Low Fraction	U		0.638	2.13	50	09/03/2019 13:01	WG1338731
(S) a,a,a-Trifluorotoluene(PID)	*98.0*			*80.0-200*		*09/03/2019 13:01*	WG1338731

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.5		1	09/03/2019 20:14	WG1339342

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.00527	0.0175	50	09/03/2019 13:26	WG1338731
Toluene	U		0.00964	0.0322	50	09/03/2019 13:26	WG1338731
Ethylbenzene	U		0.00545	0.0181	50	09/03/2019 13:26	WG1338731
m&p-Xylene	0.0137	B J	0.00922	0.0307	50	09/03/2019 13:26	WG1338731
o-Xylene	0.00703	B J	0.00575	0.0192	50	09/03/2019 13:26	WG1338731
Methyl tert-butyl ether	U		0.00958	0.0319	50	09/03/2019 13:26	WG1338731
Naphthalene	U		0.0623	0.208	50	09/03/2019 13:26	WG1338731
1,3,5-Trimethylbenzene	U		0.00491	0.0164	50	09/03/2019 13:26	WG1338731
1,2,4-Trimethylbenzene	0.0785	B	0.00641	0.0214	50	09/03/2019 13:26	WG1338731
TPH (GC/FID) Low Fraction	27.0		0.659	2.20	50	09/03/2019 13:26	WG1338731
(S) a,a,a-Trifluorotoluene(PID)	*97.2*			*80.0-200*		*09/03/2019 13:26*	WG1338731

Sample Narrative:

L1133333-26 WG1338731: Peaks/Baseline rise detected outside GRO/DRO window

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.3		1	09/03/2019 20:14	WG1339342

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.00541	0.0180	50	09/03/2019 13:50	WG1338731
Toluene	U		0.00990	0.0330	50	09/03/2019 13:50	WG1338731
Ethylbenzene	U		0.00559	0.0186	50	09/03/2019 13:50	WG1338731
m&p-Xylene	0.0114	B J	0.00947	0.0315	50	09/03/2019 13:50	WG1338731
o-Xylene	U		0.00590	0.0197	50	09/03/2019 13:50	WG1338731
Methyl tert-butyl ether	U		0.00984	0.0328	50	09/03/2019 13:50	WG1338731
Naphthalene	U		0.0639	0.213	50	09/03/2019 13:50	WG1338731
1,3,5-Trimethylbenzene	U		0.00504	0.0168	50	09/03/2019 13:50	WG1338731
1,2,4-Trimethylbenzene	0.00886	B J	0.00658	0.0219	50	09/03/2019 13:50	WG1338731
TPH (GC/FID) Low Fraction	1.32	J	0.676	2.26	50	09/03/2019 13:50	WG1338731
(S) a,a,a-Trifluorotoluene(PID)	*97.0*			*80.0-200*		*09/03/2019 13:50*	WG1338731

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	78.1		1	09/03/2019 20:14	WG1339342

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	2.57		0.0563	0.188	500	09/03/2019 20:30	WG1338731
Toluene	U		0.103	0.344	500	09/03/2019 20:30	WG1338731
Ethylbenzene	22.9		0.0583	0.194	500	09/03/2019 20:30	WG1338731
m&p-Xylene	34.1		0.0986	0.328	500	09/03/2019 20:30	WG1338731
o-Xylene	1.96		0.0615	0.205	500	09/03/2019 20:30	WG1338731
Methyl tert-butyl ether	1.94		0.102	0.341	500	09/03/2019 20:30	WG1338731
Naphthalene	23.3		0.666	2.22	500	09/03/2019 20:30	WG1338731
1,3,5-Trimethylbenzene	22.8		0.0525	0.175	500	09/03/2019 20:30	WG1338731
1,2,4-Trimethylbenzene	81.1		0.0685	0.229	500	09/03/2019 20:30	WG1338731
TPH (GC/FID) Low Fraction	2450		28.2	94.0	2000	09/05/2019 17:30	WG1339976
(S) a,a,a-Trifluorotoluene(PID)	*120*			*80.0-200*		*09/03/2019 20:30*	WG1338731
(S) a,a,a-Trifluorotoluene(PID)	*109*			*80.0-200*		*09/05/2019 17:30*	WG1339976

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	79.9		1	09/03/2019 20:14	WG1339342

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.00551	0.0183	50	09/03/2019 14:15	WG1338731
Toluene	U		0.0101	0.0336	50	09/03/2019 14:15	WG1338731
Ethylbenzene	0.00863	B J	0.00569	0.0190	50	09/03/2019 14:15	WG1338731
m&p-Xylene	0.0184	B J	0.00964	0.0321	50	09/03/2019 14:15	WG1338731
o-Xylene	U		0.00601	0.0200	50	09/03/2019 14:15	WG1338731
Methyl tert-butyl ether	U		0.0100	0.0334	50	09/03/2019 14:15	WG1338731
Naphthalene	U		0.0651	0.217	50	09/03/2019 14:15	WG1338731
1,3,5-Trimethylbenzene	0.00724	B J	0.00513	0.0171	50	09/03/2019 14:15	WG1338731
1,2,4-Trimethylbenzene	0.0223	B J	0.00670	0.0223	50	09/03/2019 14:15	WG1338731
TPH (GC/FID) Low Fraction	U		0.688	2.30	50	09/03/2019 14:15	WG1338731
(S) a,a,a-Trifluorotoluene(PID)	*96.4*			*80.0-200*		*09/03/2019 14:15*	WG1338731

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.9		1	09/03/2019 20:14	WG1339342

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.00525	0.0175	50	09/03/2019 14:39	WG1338731
Toluene	U		0.00960	0.0320	50	09/03/2019 14:39	WG1338731
Ethylbenzene	0.0103	B J	0.00543	0.0181	50	09/03/2019 14:39	WG1338731
m&p-Xylene	0.0583	B	0.00918	0.0306	50	09/03/2019 14:39	WG1338731
o-Xylene	0.0123	B J	0.00572	0.0191	50	09/03/2019 14:39	WG1338731
Methyl tert-butyl ether	U		0.00954	0.0318	50	09/03/2019 14:39	WG1338731
Naphthalene	U		0.0620	0.207	50	09/03/2019 14:39	WG1338731
1,3,5-Trimethylbenzene	0.0392	B	0.00489	0.0163	50	09/03/2019 14:39	WG1338731
1,2,4-Trimethylbenzene	0.374		0.00638	0.0213	50	09/03/2019 14:39	WG1338731
TPH (GC/FID) Low Fraction	54.3		0.656	2.19	50	09/03/2019 14:39	WG1338731
(S) a,a,a-Trifluorotoluene(PID)	*97.0*			*80.0-200*		*09/03/2019 14:39*	WG1338731

Sample Narrative:

L1133333-30 WG1338731: Peaks/Baseline rise detected outside GRO/DRO window

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	74.9		1	09/03/2019 20:14	WG1339342

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.00652	0.0217	55.5	09/03/2019 15:04	WG1338731
Toluene	U		0.0119	0.0398	55.5	09/03/2019 15:04	WG1338731
Ethylbenzene	0.0101	B J	0.00674	0.0225	55.5	09/03/2019 15:04	WG1338731
m&p-Xylene	0.0204	B J	0.0114	0.0380	55.5	09/03/2019 15:04	WG1338731
o-Xylene	U		0.00712	0.0237	55.5	09/03/2019 15:04	WG1338731
Methyl tert-butyl ether	U		0.0119	0.0395	55.5	09/03/2019 15:04	WG1338731
Naphthalene	U		0.0771	0.257	55.5	09/03/2019 15:04	WG1338731
1,3,5-Trimethylbenzene	0.00822	B J	0.00608	0.0202	55.5	09/03/2019 15:04	WG1338731
1,2,4-Trimethylbenzene	0.0373	B	0.00793	0.0265	55.5	09/03/2019 15:04	WG1338731
TPH (GC/FID) Low Fraction	2.49	J	0.815	2.72	55.5	09/03/2019 15:04	WG1338731
(S) a,a,a-Trifluorotoluene(PID)	*96.9*			*80.0-200*		*09/03/2019 15:04*	WG1338731

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.8		1	09/04/2019 14:08	WG1339344

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.0231	J	0.0106	0.0353	102	09/03/2019 15:28	WG1338731
Toluene	U		0.0193	0.0646	102	09/03/2019 15:28	WG1338731
Ethylbenzene	0.552		0.0109	0.0365	102	09/03/2019 15:28	WG1338731
m&p-Xylene	1.10		0.0185	0.0617	102	09/03/2019 15:28	WG1338731
o-Xylene	0.210		0.0115	0.0385	102	09/03/2019 15:28	WG1338731
Methyl tert-butyl ether	0.0351	J	0.0192	0.0641	102	09/03/2019 15:28	WG1338731
Naphthalene	9.80		0.125	0.418	102	09/03/2019 15:28	WG1338731
1,3,5-Trimethylbenzene	3.37		0.00986	0.0329	102	09/03/2019 15:28	WG1338731
1,2,4-Trimethylbenzene	12.4		0.0129	0.0430	102	09/03/2019 15:28	WG1338731
TPH (GC/FID) Low Fraction	1440		13.2	44.2	1020	09/05/2019 16:13	WG1339976
(S) a,a,a-Trifluorotoluene(PID)	*95.3*			*80.0-200*		*09/03/2019 15:28*	WG1338731
(S) a,a,a-Trifluorotoluene(PID)	*97.0*			*80.0-200*		*09/05/2019 16:13*	WG1339976

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.7		1	09/04/2019 14:08	WG1339344

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.685		0.00986	0.0328	96	09/03/2019 15:52	WG1338731
Toluene	0.620		0.0180	0.0601	96	09/03/2019 15:52	WG1338731
Ethylbenzene	0.0438	B	0.0102	0.0339	96	09/03/2019 15:52	WG1338731
m&p-Xylene	0.400	B	0.0173	0.0575	96	09/03/2019 15:52	WG1338731
o-Xylene	0.121	B	0.0108	0.0358	96	09/03/2019 15:52	WG1338731
Methyl tert-butyl ether	U		0.0180	0.0597	96	09/03/2019 15:52	WG1338731
Naphthalene	0.702		0.116	0.389	96	09/03/2019 15:52	WG1338731
1,3,5-Trimethylbenzene	0.0414	B	0.00918	0.0306	96	09/03/2019 15:52	WG1338731
1,2,4-Trimethylbenzene	0.188	B	0.0120	0.0400	96	09/03/2019 15:52	WG1338731
TPH (GC/FID) Low Fraction	5.48		1.24	4.11	96	09/05/2019 12:31	WG1339976
(S) a,a,a-Trifluorotoluene(PID)	*95.9*			*80.0-200*		*09/03/2019 15:52*	WG1338731
(S) a,a,a-Trifluorotoluene(PID)	*98.0*			*80.0-200*		*09/05/2019 12:31*	WG1339976

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.0		1	09/04/2019 14:08	WG1339344

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.0105	0.0349	100	09/03/2019 16:17	WG1338731
Toluene	U		0.0192	0.0640	100	09/03/2019 16:17	WG1338731
Ethylbenzene	0.0520	B	0.0108	0.0361	100	09/03/2019 16:17	WG1338731
m&p-Xylene	0.112	B	0.0183	0.0611	100	09/03/2019 16:17	WG1338731
o-Xylene	0.176		0.0114	0.0381	100	09/03/2019 16:17	WG1338731
Methyl tert-butyl ether	U		0.0191	0.0635	100	09/03/2019 16:17	WG1338731
Naphthalene	0.347	J	0.124	0.413	100	09/03/2019 16:17	WG1338731
1,3,5-Trimethylbenzene	0.611		0.00977	0.0325	100	09/03/2019 16:17	WG1338731
1,2,4-Trimethylbenzene	1.61		0.0127	0.0425	100	09/03/2019 16:17	WG1338731
TPH (GC/FID) Low Fraction	409		2.62	8.74	200	09/05/2019 14:08	WG1339976
(S) a,a,a-Trifluorotoluene(PID)	*95.4*			*80.0-200*		*09/03/2019 16:17*	WG1338731
(S) a,a,a-Trifluorotoluene(PID)	*97.8*			*80.0-200*		*09/05/2019 14:08*	WG1339976

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.2		1	09/04/2019 14:08	WG1339344

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.0111	0.0368	107	09/03/2019 16:41	WG1338731
Toluene	U		0.0202	0.0674	107	09/03/2019 16:41	WG1338731
Ethylbenzene	0.286		0.0114	0.0380	107	09/03/2019 16:41	WG1338731
m&p-Xylene	0.439	B	0.0194	0.0644	107	09/03/2019 16:41	WG1338731
o-Xylene	0.158	B	0.0121	0.0402	107	09/03/2019 16:41	WG1338731
Methyl tert-butyl ether	0.0272	J	0.0201	0.0669	107	09/03/2019 16:41	WG1338731
Naphthalene	1.81		0.130	0.436	107	09/03/2019 16:41	WG1338731
1,3,5-Trimethylbenzene	1.43		0.0103	0.0343	107	09/03/2019 16:41	WG1338731
1,2,4-Trimethylbenzene	5.29		0.0134	0.0448	107	09/03/2019 16:41	WG1338731
TPH (GC/FID) Low Fraction	370		2.76	9.21	214	09/05/2019 15:00	WG1339976
(S) a,a,a-Trifluorotoluene(PID)	*94.7*			*80.0-200*		*09/03/2019 16:41*	WG1338731
(S) a,a,a-Trifluorotoluene(PID)	*95.5*			*80.0-200*		*09/05/2019 15:00*	WG1339976

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.6		1	09/04/2019 14:08	WG1339344

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	0.0401		0.00712	0.0237	70	09/03/2019 17:06	WG1338731
Toluene	0.146		0.0131	0.0434	70	09/03/2019 17:06	WG1338731
Ethylbenzene	0.0340	B	0.00736	0.0245	70	09/03/2019 17:06	WG1338731
m&p-Xylene	0.188	B	0.0125	0.0415	70	09/03/2019 17:06	WG1338731
o-Xylene	0.114		0.00776	0.0259	70	09/03/2019 17:06	WG1338731
Methyl tert-butyl ether	U		0.0129	0.0431	70	09/03/2019 17:06	WG1338731
Naphthalene	0.252	J	0.0841	0.281	70	09/03/2019 17:06	WG1338731
1,3,5-Trimethylbenzene	0.0407	B	0.00663	0.0221	70	09/03/2019 17:06	WG1338731
1,2,4-Trimethylbenzene	0.148	B	0.00865	0.0289	70	09/03/2019 17:06	WG1338731
TPH (GC/FID) Low Fraction	13.5		0.890	2.97	70	09/05/2019 12:55	WG1339976
(S) a,a,a-Trifluorotoluene(PID)	*94.9*			*80.0-200*		*09/03/2019 17:06*	WG1338731
(S) a,a,a-Trifluorotoluene(PID)	*98.4*			*80.0-200*		*09/05/2019 12:55*	WG1339976

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.0		1	09/05/2019 11:22	WG1340465

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.00543	0.0181	50	09/03/2019 17:46	WG1338731
Toluene	0.0106	J	0.00994	0.0331	50	09/03/2019 17:46	WG1338731
Ethylbenzene	0.0114	B J	0.00562	0.0187	50	09/03/2019 17:46	WG1338731
m&p-Xylene	0.0309	B J	0.00951	0.0317	50	09/03/2019 17:46	WG1338731
o-Xylene	0.0170	B J	0.00593	0.0198	50	09/03/2019 17:46	WG1338731
Methyl tert-butyl ether	U		0.00988	0.0329	50	09/03/2019 17:46	WG1338731
Naphthalene	U		0.0642	0.214	50	09/03/2019 17:46	WG1338731
1,3,5-Trimethylbenzene	0.0121	B J	0.00506	0.0169	50	09/03/2019 17:46	WG1338731
1,2,4-Trimethylbenzene	0.0274	B	0.00661	0.0220	50	09/03/2019 17:46	WG1338731
TPH (GC/FID) Low Fraction	1.97	J	0.679	2.27	50	09/05/2019 13:20	WG1339976
(S) a,a,a-Trifluorotoluene(PID)	*94.7*			*80.0-200*		*09/03/2019 17:46*	WG1338731
(S) a,a,a-Trifluorotoluene(PID)	*98.2*			*80.0-200*		*09/05/2019 13:20*	WG1339976

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	87.5		1	09/04/2019 14:08	WG1339344

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	U		0.00563	0.0187	56	09/03/2019 18:10	WG1338731
Toluene	U		0.0103	0.0344	56	09/03/2019 18:10	WG1338731
Ethylbenzene	U		0.00583	0.0194	56	09/03/2019 18:10	WG1338731
m&p-Xylene	U		0.00985	0.0328	56	09/03/2019 18:10	WG1338731
o-Xylene	U		0.00615	0.0205	56	09/03/2019 18:10	WG1338731
Methyl tert-butyl ether	U		0.0102	0.0341	56	09/03/2019 18:10	WG1338731
Naphthalene	0.398		0.0665	0.222	56	09/03/2019 18:10	WG1338731
1,3,5-Trimethylbenzene	0.0383	B	0.00524	0.0175	56	09/03/2019 18:10	WG1338731
1,2,4-Trimethylbenzene	0.455		0.00684	0.0228	56	09/03/2019 18:10	WG1338731
TPH (GC/FID) Low Fraction	265		2.81	9.39	224	09/05/2019 15:24	WG1339976
(S) a,a,a-Trifluorotoluene(PID)	*96.8*			*80.0-200*		*09/03/2019 18:10*	WG1338731
(S) a,a,a-Trifluorotoluene(PID)	*97.9*			*80.0-200*		*09/05/2019 15:24*	WG1339976

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.8		1	09/04/2019 14:08	WG1339344

Volatile Organic Compounds (GC) by Method 8021B/WI(95) GRO

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Benzene	1.56		0.0263	0.0874	250	09/03/2019 20:06	WG1338731
Toluene	U		0.0480	0.160	250	09/03/2019 20:06	WG1338731
Ethylbenzene	9.82		0.0272	0.0904	250	09/03/2019 20:06	WG1338731
m&p-Xylene	12.2		0.0459	0.153	250	09/03/2019 20:06	WG1338731
o-Xylene	0.765		0.0286	0.0955	250	09/03/2019 20:06	WG1338731
Methyl tert-butyl ether	1.26		0.0477	0.159	250	09/03/2019 20:06	WG1338731
Naphthalene	10.3	J6	0.310	1.04	250	09/03/2019 20:06	WG1338731
1,3,5-Trimethylbenzene	12.9	J6	0.0245	0.0814	250	09/03/2019 20:06	WG1338731
1,2,4-Trimethylbenzene	43.1	J6	0.0320	0.106	250	09/03/2019 20:06	WG1338731
TPH (GC/FID) Low Fraction	1420		13.1	43.8	1000	09/05/2019 16:37	WG1339976
(S) a,a,a-Trifluorotoluene(PID)	*121*			*80.0-200*		*09/03/2019 20:06*	WG1338731
(S) a,a,a-Trifluorotoluene(PID)	*108*			*80.0-200*		*09/05/2019 16:37*	WG1339976

Method Blank (MB)

(MB) R3447234-1 09/04/19 06:42

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1133333-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1133333-01 09/04/19 06:42 • (DUP) R3447234-3 09/04/19 06:42

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	93.1	91.0	1	2.27		10

Laboratory Control Sample (LCS)

(LCS) R3447234-2 09/04/19 06:42

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3447136-1 09/03/19 20:58

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1133333-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1133333-02 09/03/19 20:58 • (DUP) R3447136-3 09/03/19 20:58

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	86.3	86.9	1	0.651		10

Laboratory Control Sample (LCS)

(LCS) R3447136-2 09/03/19 20:58

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3447138-1 09/03/19 20:33

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1133333-19 Original Sample (OS) • Duplicate (DUP)

(OS) L1133333-19 09/03/19 20:33 • (DUP) R3447138-3 09/03/19 20:33

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	83.1	83.6	1	0.539		10

Laboratory Control Sample (LCS)

(LCS) R3447138-2 09/03/19 20:33

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3447113-1 09/03/19 20:14

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1133333-26 Original Sample (OS) • Duplicate (DUP)

(OS) L1133333-26 09/03/19 20:14 • (DUP) R3447113-3 09/03/19 20:14

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	83.5	85.8	1	2.71		10

Laboratory Control Sample (LCS)

(LCS) R3447113-2 09/03/19 20:14

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3447287-1 09/04/19 14:08

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.00100			

L1133333-38 Original Sample (OS) • Duplicate (DUP)

(OS) L1133333-38 09/04/19 14:08 • (DUP) R3447287-3 09/04/19 14:08

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	87.5	87.8	1	0.270		10

Laboratory Control Sample (LCS)

(LCS) R3447287-2 09/04/19 14:08

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3447658-1 09/05/19 11:22

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1133333-37 Original Sample (OS) • Duplicate (DUP)

(OS) L1133333-37 09/05/19 11:22 • (DUP) R3447658-3 09/05/19 11:22

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	81.0	80.4	1	0.730		10

Laboratory Control Sample (LCS)

(LCS) R3447658-2 09/05/19 11:22

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3447163-3 08/31/19 23:43

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.0000880	0.000293
Toluene	U		0.000161	0.000537
Ethylbenzene	0.000131	J	0.0000910	0.000303
m&p-Xylene	0.000207	J	0.000154	0.000513
o-Xylene	U		0.0000960	0.000320
Methyl tert-butyl ether	U		0.000160	0.000533
1,3,5-Trimethylbenzene	0.000141	J	0.0000820	0.000273
1,2,4-Trimethylbenzene	0.000177	J	0.000107	0.000357
TPH (GC/FID) Low Fraction	U		0.0110	0.0367
(S) a,a,a-Trifluorotoluene(PID)	*97.6*			*80.0-200*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3447163-1 08/31/19 22:38 • (LCSD) R3447163-5 09/01/19 13:08

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0500	0.0555	0.0533	111	107	80.0-120			4.09	20
Toluene	0.0500	0.0512	0.0491	102	98.3	80.0-120			4.07	20
Ethylbenzene	0.0500	0.0496	0.0469	99.3	93.8	80.0-120			5.72	20
m&p-Xylene	0.100	0.101	0.0961	101	96.1	80.0-120			5.27	20
o-Xylene	0.0500	0.0495	0.0471	98.9	94.2	80.0-120			4.87	20
Methyl tert-butyl ether	0.0500	0.0479	0.0447	95.8	89.5	80.0-120			6.83	20
1,3,5-Trimethylbenzene	0.0500	0.0527	0.0500	105	99.9	80.0-120			5.45	20
1,2,4-Trimethylbenzene	0.0500	0.0535	0.0503	107	101	80.0-120			6.14	20
(S) a,a,a-Trifluorotoluene(PID)				*96.8*	*96.6*	*80.0-200*				

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3447163-2 08/31/19 22:38 • (LCSD) R3447163-4 09/01/19 13:08

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	0.550	0.507	0.517	92.2	94.0	80.0-120			1.86	20
(S) a,a,a-Trifluorotoluene(PID)				*96.8*	*96.6*	*80.0-200*				

Method Blank (MB)

(MB) R3447220-3 09/03/19 10:48

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.0000880	0.000293
Toluene	U		0.000161	0.000537
Ethylbenzene	0.000139	J	0.0000910	0.000303
m&p-Xylene	0.000426	J	0.000154	0.000513
o-Xylene	0.000134	J	0.0000960	0.000320
Methyl tert-butyl ether	U		0.000160	0.000533
Naphthalene	U		0.00104	0.00347
1,3,5-Trimethylbenzene	0.000177	J	0.0000820	0.000273
1,2,4-Trimethylbenzene	0.000319	J	0.000107	0.000357
TPH (GC/FID) Low Fraction	U		0.0110	0.0367
(S) a,a,a-Trifluorotoluene(PID)	*96.3*			*80.0-200*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3447220-1 09/03/19 09:37 • (LCSD) R3447220-8 09/03/19 22:08

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0500	0.0492	0.0479	98.3	95.8	80.0-120			2.59	20
Toluene	0.0500	0.0458	0.0451	91.5	90.2	80.0-120			1.48	20
Ethylbenzene	0.0500	0.0443	0.0430	88.7	86.1	80.0-120			2.98	20
m&p-Xylene	0.100	0.0923	0.0911	92.3	91.1	80.0-120			1.27	20
o-Xylene	0.0500	0.0461	0.0456	92.2	91.1	80.0-120			1.16	20
Methyl tert-butyl ether	0.0500	0.0469	0.0438	93.8	87.6	80.0-120			6.83	20
Naphthalene	0.0500	0.0440	0.0407	88.0	81.5	80.0-120			7.67	20
1,3,5-Trimethylbenzene	0.0500	0.0455	0.0444	91.0	88.9	80.0-120			2.34	20
1,2,4-Trimethylbenzene	0.0500	0.0511	0.0506	102	101	80.0-120			1.14	20
(S) a,a,a-Trifluorotoluene(PID)				*97.1*	*94.1*	*80.0-200*				

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3447220-2 09/03/19 09:37 • (LCSD) R3447220-9 09/03/19 22:08

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	0.550	0.483	0.526	87.8	95.7	80.0-120			8.59	20
(S) a,a,a-Trifluorotoluene(PID)				*97.1*	*94.1*	*80.0-200*				

L1133333-39 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1133333-39 09/03/19 20:06 • (MS) R3447220-4 09/03/19 20:54 • (MSD) R3447220-6 09/03/19 21:19

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.0597	1.56	10.9	10.9	62.9	62.5	250	32.0-137			0.627	39
Toluene	0.0597	U	8.90	9.90	59.6	66.4	250	20.0-142			10.6	42
Ethylbenzene	0.0597	9.82	17.0	18.8	48.0	60.2	250	10.0-150			10.2	44
m&p-Xylene	0.119	12.2	28.0	30.7	52.7	61.9	250	14.0-141			9.34	44
o-Xylene	0.0597	0.765	9.87	10.6	61.0	66.0	250	10.0-157			7.17	44
Methyl tert-butyl ether	0.0597	1.26	10.0	10.2	58.8	60.2	250	24.0-151			2.09	37
Naphthalene	0.0597	10.3	20.1	20.7	66.0	69.8	250	80.0-120	J6	J6	2.83	20
1,3,5-Trimethylbenzene	0.0597	12.9	21.7	23.3	58.5	69.2	250	80.0-120	J6	J6	7.09	20
1,2,4-Trimethylbenzene	0.0597	43.1	51.5	53.9	56.1	72.2	250	80.0-120	J6	J6	4.55	20
(S) a,a,a-Trifluorotoluene(PID)					*130*	*120*		*80.0-200*				

L1133333-39 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1133333-39 09/03/19 20:06 • (MS) R3447220-5 09/03/19 20:54 • (MSD) R3447220-7 09/03/19 21:19

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	0.656	1180	1350	1420	104	143	250	80.0-120	E	E V	4.63	20
(S) a,a,a-Trifluorotoluene(PID)					*130*	*120*		*80.0-200*				

Method Blank (MB)

(MB) R3447802-3 09/05/19 22:39

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Naphthalene	U		0.00104	0.00347
TPH (GC/FID) Low Fraction	0.0115	J	0.0110	0.0367
(S) a,a,a-Trifluorotoluene(PID)	*98.9*			*80.0-200*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3447802-1 09/05/19 20:32 • (LCSD) R3447802-4 09/06/19 09:52

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Naphthalene	0.0500	0.0472	0.0408	94.3	81.5	80.0-120			14.6	20
(S) a,a,a-Trifluorotoluene(PID)				*94.9*	*98.6*	*80.0-200*				

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3447802-2 09/05/19 20:32 • (LCSD) R3447802-5 09/06/19 09:52

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	0.550	0.554	0.531	101	96.5	80.0-120			4.39	20
(S) a,a,a-Trifluorotoluene(PID)				*94.9*	*98.6*	*80.0-200*				

Method Blank (MB)

(MB) R3448143-3 09/06/19 21:48

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Benzene	U		0.00440	0.0147
Toluene	U		0.00805	0.0268
Ethylbenzene	0.00588	J	0.00455	0.0152
m&p-Xylene	0.00970	J	0.00770	0.0257
o-Xylene	0.00624	J	0.00480	0.0160
Methyl tert-butyl ether	U		0.00800	0.0267
Naphthalene	U		0.0520	0.173
1,3,5-Trimethylbenzene	0.00839	J	0.00410	0.0137
1,2,4-Trimethylbenzene	0.00818	J	0.00535	0.0178
TPH (GC/FID) Low Fraction	U		0.550	1.83
(S) a,a,a-Trifluorotoluene(PID)	*100*			*80.0-200*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3448143-1 09/06/19 20:59 • (LCSD) R3448143-8 09/07/19 07:06

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	0.0500	0.0459	0.0472	91.9	94.3	80.0-120			2.65	20
Toluene	0.0500	0.0434	0.0443	86.8	88.5	80.0-120			1.98	20
Ethylbenzene	0.0500	0.0438	0.0442	87.7	88.4	80.0-120			0.864	20
m&p-Xylene	0.100	0.0900	0.0906	90.0	90.6	80.0-120			0.595	20
o-Xylene	0.0500	0.0451	0.0456	90.2	91.2	80.0-120			1.06	20
Methyl tert-butyl ether	0.0500	0.0463	0.0457	92.7	91.5	80.0-120			1.29	20
Naphthalene	0.0500	0.0522	0.0491	104	98.2	80.0-120			6.08	20
1,3,5-Trimethylbenzene	0.0500	0.0447	0.0456	89.5	91.2	80.0-120			1.85	20
1,2,4-Trimethylbenzene	0.0500	0.0460	0.0468	92.0	93.7	80.0-120			1.85	20
(S) a,a,a-Trifluorotoluene(PID)				*99.7*	*99.7*	*80.0-200*				

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3448143-2 09/06/19 20:59 • (LCSD) R3448143-9 09/07/19 07:06

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	0.550	0.460	0.468	83.7	85.1	80.0-120			1.65	20
(S) a,a,a-Trifluorotoluene(PID)				*99.7*	*99.7*	*80.0-200*				

L1133333-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1133333-01 09/06/19 23:50 • (MS) R3448143-4 09/07/19 05:54 • (MSD) R3448143-6 09/07/19 06:18

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Benzene	0.0537	U	2.47	2.61	91.9	97.2	50	32.0-137			5.57	39
Toluene	0.0537	U	2.35	2.49	87.6	92.7	50	20.0-142			5.64	42
Ethylbenzene	0.0537	U	2.36	2.51	87.8	93.4	50	10.0-150			6.22	44
m&p-Xylene	0.107	U	4.89	5.18	91.0	96.5	50	14.0-141			5.84	44
o-Xylene	0.0537	U	2.47	2.58	91.8	95.9	50	10.0-157			4.34	44
Methyl tert-butyl ether	0.0537	U	2.27	2.35	84.6	87.5	50	24.0-151			3.44	37
Naphthalene	0.0537	U	2.45	2.67	91.4	99.5	50	80.0-120			8.48	20
1,3,5-Trimethylbenzene	0.0537	0.00445	2.51	2.62	93.2	97.4	50	80.0-120			4.39	20
1,2,4-Trimethylbenzene	0.0537	0.00576	2.59	2.67	96.2	99.4	50	80.0-120			3.28	20
(S) a,a,a-Trifluorotoluene(PID)					*98.5*	*99.8*		*80.0-200*				

L1133333-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1133333-01 09/06/19 23:50 • (MS) R3448143-5 09/07/19 05:54 • (MSD) R3448143-7 09/07/19 06:18

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	0.591	U	34.5	29.2	117	99.0	50	80.0-120			16.5	20
(S) a,a,a-Trifluorotoluene(PID)					*98.5*	*99.8*		*80.0-200*				

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Method Blank (MB)

(MB) R3447803-2 09/05/19 11:25

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	U		0.0110	0.0367
(S) a,a,a-Trifluorotoluene(PID)	*99.0*			*80.0-200*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3447803-1 09/05/19 10:24 • (LCSD) R3447803-3 09/05/19 18:18

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	0.550	0.516	0.539	93.9	97.9	80.0-120			4.18	20
(S) a,a,a-Trifluorotoluene(PID)				*95.7*	*96.2*	*80.0-200*				

Method Blank (MB)

(MB) R3448493-2 09/08/19 08:14

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPH (GC/FID) Low Fraction	U		0.550	1.83
(S) a,a,a-Trifluorotoluene(PID)	*101*			*80.0-200*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3448493-1 09/08/19 07:26 • (LCSD) R3448493-3 09/08/19 19:16

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/FID) Low Fraction	0.550	0.446	0.434	81.1	78.9	80.0-120		J4	2.68	20
(S) a,a,a-Trifluorotoluene(PID)				*101*	*99.3*	*80.0-200*				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J	The identification of the analyte is acceptable; the reported value is an estimate.
J4	The associated batch QC was outside the established quality control range for accuracy.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
V	The sample concentration is too high to evaluate accurate spike recoveries.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

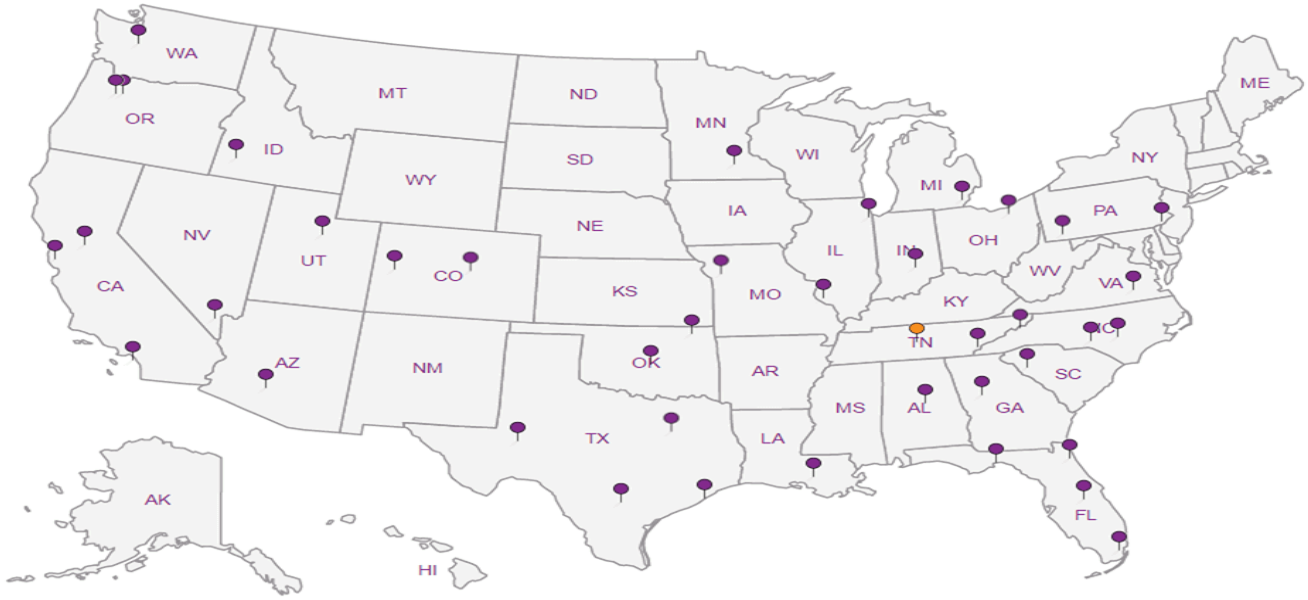
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



Assured Environmental Associates, Inc

14120 W Glendale Avenue
Brookfield, WI 53005

Billing Information:
Gregory Walsh
14120 W Glendale Avenue
Brookfield, WI 53005

Pres Chk

Report to: **Gregory Walsh**

Email To: **aea@wi.rr.com**

Project Description: **Lenny's**

City/State Collected: **So. Milwaukee, WI**

Phone: **262-781-4646**
Fax:

Client Project #

Lab Project #
ASSUREDWI-102318

Collected by (print): **MICHAEL GOY**

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 1 of 4

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1133333
G223

Acctnum:
Template:
Prelogin:
TSR:
PB:
Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PVOCGRO 60miAmb/MeOH/Syr	TS 2ozClr-NoPres	Volatile Screen 2ozClr-NoPres	Remarks	Sample # (lab only)
P-28	Grab	SS	0-4	24AUG19		3	X	X	X		-01
P-28	Grab	SS	4-8	24AUG19		3	X	X	X		-02
P-29	Grab	SS	0-4	24AUG19		3	X	X	X		-03
P-29	Grab	SS	4-8	24AUG19		3	X	X	X		-04
P-29	Grab	SS	8-12	24AUG19		3	X	X	X		-05
P-30	Grab	SS	0-4	24AUG19		3	X	X	X		-06
P-30	Grab	SS	4-8	24AUG19		3	X	X	X		-07
P-31	Grab	SS	0-4	24AUG19		3	X	X	X		-08
P-31	Grab	SS	4-8	24AUG19		3	X	X	X		-09
P-32	Grab	SS	0-4	24AUG19		3	X	X	X		-10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:
Must report Naphthalene

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking # 1082 5999 6057 16068

Sample Receipt Checklist
COC Seal Present/Intact: __NP Y __N
COC Signed/Accurate: Y __N
Bottles arrive intact: Y __N
Correct bottles used: Y __N
Sufficient volume sent: Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N
RAD SCREEN: <0.5 mR/hr

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	
	26AUG19	1130hrs		2	
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	If preservation required by Login: Date/Time
				1.5-1.1.4 2	117
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: Condition: NCF / OK
			Carol Kemp	8/27/19 8:45	

Assured Environmental Associates, Inc

14120 W Glendale Avenue
Brookfield, WI 53005

Billing Information:
Gregory Walsh
14120 W Glendale Avenue
Brookfield, WI 53005

Pres Chk

Report to: **Gregory Walsh**

Email To: **aea@wi.rr.com**

Project Description: **Lenny's**

City/State Collected: **So. Milwaukee, WI**

Phone: **262-781-4646**
Fax:

Client Project #

Lab Project # **ASSUREDWI-102318**

Collected by (print): **MICHAEL GOY**

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Analysis / Container / Preservative

Chain of Custody Page 2 of 4

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1133333

Table #

Acctnum:

Template:

Prelogin:

TSR:

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PVOCGRO 60miAmb/MeOH/Syr	TS 2ozClr-NoPres	Volatile Screen 2ozClr-NoPres	Remarks	Sample # (lab only)
P-32	Grab	SS	4-8	24AUG19		3	X	X	X		-11
P-32	Grab	SS	8-12	24AUG19		3	X	X	X		-12
P-33	Grab	SS	0-4	24AUG19		3	X	X	X		-13
P-33	Grab	SS	4-8	24AUG19		3	X	X	X		-14
P-34	Grab	SS	0-4	24AUG19		3	X	X	X		-15
P-34	Grab	SS	4-8	24AUG19		3	X	X	X		-16
P-35	Grab	SS	0-4	24AUG19		3	X	X	X		-17
P-35	Grab	SS	4-8	24AUG19		3	X	X	X		-18
P-36	Grab	SS	0-4	24AUG19		3	X	X	X		-19
P-36	Grab	SS	4-8	24AUG19		3	X	X	X		-20

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:
Must report Naphthalene

pH ____ Temp ____
Flow ____ Other ____

Samples returned via:
__ UPS __ FedEx __ Courier __ ____

Tracking # 1082 5999 6057 1 6068

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR	If preservation required by Login: Date/Time
	26AUG19	1130hrs		2	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:	
				1.5.1.1.1.4.5.2 11 7	
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:	Hold: Condition: NCF / OK
			Carol Kemp	8/27/19 8:45	

Assured Environmental Associates, Inc

14120 W Glendale Avenue
Brookfield, WI 53005

Billing Information:
Gregory Walsh
14120 W Glendale Avenue
Brookfield, WI 53005

Report to: **Gregory Walsh**

Email To: **aea@wi.rr.com**

Project Description: **Lenny's**

City/State Collected: **So. Milwaukee, WI**

Phone: **262-781-4646**
Fax:

Client Project #

Lab Project #
ASSUREDWI-102318

Collected by (print): **MICHAEL GOY**

Site/Facility ID #

P.O. #

Collected by (signature):

Immediately Packed on Ice N ___ Y X

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Pres Chk

Analysis / Container / Preservative

Chain of Custody

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1133333

Table #

Acctnum:

Template:

Prelogin:

TSR:

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PVOCGRO 60miAmb/MeOH/Syr	TS 2ozClr-NoPres	Volatile Screen 2ozClr-NoPres	Remarks	Sample # (lab only)
P-36	Grab	SS	8-12	24AUG19		3	X	X	X		-21
P-37	Grab	SS	0-4	24AUG19		3	X	X	X		-22
P-37	Grab	SS	4-8	24AUG19		3	X	X	X		-23
P-38	Grab	SS	0-4	24AUG19		3	X	X	X		-24
P-38	Grab	SS	4-8	24AUG19		3	X	X	X		-25
P-38	Grab	SS	8-12	24AUG19		3	X	X	X		-26
P-39	Grab	SS	0-4	24AUG19		3	X	X	X		-27
P-39	Grab	SS	4-8	24AUG19		3	X	X	X		-28
P-40	Grab	SS	0-4	24AUG19		3	X	X	X		-29
P-40	Grab	SS	4-8	24AUG19		3	X	X	X		-30

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:
Must report Naphthalene

pH ____ Temp ____
Flow ____ Other ____

Samples returned via:
__ UPS __ FedEx __ Courier __ ____

Tracking # 1082 5999 6057 / 6068

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: Y __N
Bottles arrive intact: Y __N
Correct bottles used: Y __N
Sufficient volume sent: Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeOH TBR	If preservation required by Login: Date/Time
	26AUG19	1130HS			
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: 1.5 °C Bottles Received: 17	
Relinquished by: (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 8/27/19 Time: 8:45	Hold: Condition NCF / OK

Assured Environmental Associates, Inc

14120 W Glendale Avenue
Brookfield, WI 53005

Billing Information:
Gregory Walsh
14120 W Glendale Avenue
Brookfield, WI 53005

Pres Chk

Report to: **Gregory Walsh**

Email To: **aea@wi.rr.com**

Project Description: **Lenny's**

City/State Collected: **So. Milwaukee, WI**

Phone: **262-781-4646**
Fax:

Client Project #

Lab Project #
ASSUREDWI-102318

Collected by (print): **MICHAEL GOY**

Site/Facility ID #

P.O. #

Collected by (signature):

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed

Immediately Packed on Ice N ___ Y X

Analysis / Container / Preservative

Chain of Custody Page 1 of 1

Pace Analytical®
National Center for Testing & Innovation

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# L1133333

Table #

Acctnum:

Template:

Prelogin:

TSR:

PB:

Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	PVOCGRO 60miAmb/MeOH/Syr	TS 2ozClr-NoPres	Volatile Screen 2ozClr-NoPres	Remarks	Sample # (lab only)
P-41	Grab	SS	0-4	24AUG19		3	X	X	X		-31
P-41	Grab	SS	4-8	24AUG19		3	X	X	X		-32
P-42	Grab	SS	0-4	24AUG19		3	X	X	X		-33
P-42	Grab	SS	4-8	24AUG19		3	X	X	X		-34
P-43	Grab	SS	0-4	24AUG19		3	X	X	X		-35
P-43	Grab	SS	4-8	24AUG19		3	X	X	X		-36
P-44	Grab	SS	0-4	24AUG19		3	X	X	X		-37
P-44	Grab	SS	4-8	24AUG19		3	X	X	X		-38
P-44	Grab	SS	8-12	24AUG19		3	X	X	X		-39

* Matrix:
SS - Soil **AIR** - Air **F** - Filter
GW - Groundwater **B** - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other

Remarks:
Must report Naphthalene

pH _____ Temp _____

Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier _____

Tracking # 1082 5999 6057 6068

Sample Receipt Checklist
COC Seal Present/Intact: __NP __Y __N
COC Signed/Accurate: __Y __N
Bottles arrive intact: __Y __N
Correct bottles used: __Y __N
Sufficient volume sent: __Y __N
If Applicable
VOA Zero Headspace: __Y __N
Preservation Correct/Checked: __Y __N

Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	26AUG19	1130hrs		
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: 1.5-1=1.4 117
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 8/27/19 Time: 8:45

If preservation required by Login: Date/Time

Hold:

Condition: NCF (OK)

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 ☐ _____

Page 1 of 1

Facility/Project Name: LENNY'S SERVICE CENTER	License/Permit/Monitoring Number:	Boring Number: P-28	
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: GAGE Last Name: KAPUSI — Firm: ON SITE ENVIRONMENTAL SVC.	Date Drilling Started: 08/24/2019	Date Drilling Completed: 08/24/2019	Drilling Method: VIBRATORY
WI Unique Well No.: N/A	DNR Well ID No.: N/A	Well Name: N/A	Final Static Water Level: _____ Feet MSL
Surface Elevation: _____ Feet MSL	Borehole Diameter: 2.0 inches		
Local Grid Origin ☒ (estimated: ☐) or Boring Location ☐ — State Plane _____ N, _____ E (4326)	Lat 42° 54' 55.66" N — Long 87° 52' 17.94" W	Local Grid Location: 50 Feet ☐ N ☒ S; 47 Feet ☐ E ☒ W	
SE 1/4 of SE 1/4 of Section 3, T 5 N, R 22 E			
Facility ID: 241525680	County: MILWAUKEE	County Code: 41	Civil Town/City/ or Village: CITY OF SOUTH MILWAUKEE

Sample: Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S1	48/48		2	0 - 5.0 GREY SILTY GRAVEL	GM									
			4											
S2	48/42		6	5.0-7.5 BROWN SANDY CLAY	CL									
			8	7.5 - 12.0 TAN TO GREY CLAY										
	48/48		10		CL									
			12											
	36/30		14	WET GREY CLAMEY SAND 12.0 - 15.0	SC									
			16	EOB @ 15'										
			18											
			20											

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

Signature: _____ Firm: ASSURED ENVIRONMENTAL ASSOCIATES

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 ☐ _____

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
LENNY'S SERVICE CENTER		P-29

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: GABE Last Name: KAPUSI Firm: ON SITE ENVIRONMENTAL SVC.	08/24/2019 (m m d d y y y y)	08/24/2019 (m m d d y y y y)	VIBRATORY

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
N/A	N/A	N/A	_____ Feet MSL	_____ Feet MSL	2.0 inches

Local Grid Origin ☒ (estimated: ☐) or Boring Location ☐ (4326)
State Plane _____ N, _____ E
Lat 42° 54' 5.6" N Long 87° 52' 17.3" W
Local Grid Location: ☒ N 50 Feet ☐ S ☐ E 37 Feet ☒ W
SE 1/4 of SE 1/4 of Section 3, T 5 N, R 22 E

Facility ID	County	County Code	Civil Town/City/ or Village
241525680	MILWAUKEE	41	CITY OF SOUTH MILWAUKEE

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
			0	0-1.0 GREY SANDY SILT	ML									
S1	48/36		2	1.0-4.0 BROWN SANDY SILT	ML									
			4	4.0-5.5 MOTTLED SANDY CLAY	CL									
S2	48/42		6	5.5-8.0 BROWN CLAYEY SAND PETROLEUM ODOR	SC									
S3	48/48		8	8.0-11.5 GREY SANDY CLAY STRONG PETROLEUM ODOR	CL									
			12	11.5-15.0 GREY CLAYEY SAND	SC									
	36/24		14											
			16	EOB @ 15'										
			18											
			20											

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

Signature _____ Firm ASSURED ENVIRONMENTAL ASSOCIATES

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 ☐ _____

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
LENNY'S SERVICE CENTER		P-30

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: GABE Last Name: KAPUGI Firm: ON SITE ENVIRONMENTAL SVC.	08/24/2019 (mm dd yyyy)	08/24/2019 (mm dd yyyy)	VIBRATORY

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
N/A	N/A	N/A	_____ Feet MSL	_____ Feet MSL	2.0 inches

Local Grid Origin ☒ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E (4326)
Lat 42° 54' 55.4" Long 87° 52' 17.3"W
Local Grid Location: 50 Feet ☐ S ☒ N; 27 Feet ☒ W ☐ E
SE 1/4 of SE 1/4 of Section 3, T 5 N, R 22 E

Facility ID	County	County Code	Civil Town/City/ or Village
241525680	MILWAUKEE	41	CITY OF SOUTH MILWAUKEE

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	48/30		0	0-1.5 WHITE/GREY STONE WITH SAND	FILL									
S1			2	1.5-3.5 DARK BROWN CLAMEY SILT	MH									
			4	3.5- BROWN CLAMEY SAND STRONG PETROLEUM ODOR	SC									
S2	48/36		6											
			8	8.0-11.0 WET GREY CLAY STRONG PETROLEUM ODOR	CH									
	48/36		10											
			12	11.0-15.0 GREY SILTY SAND	SM									
	36/30		14											
			16	EOB@15'										
			18											
			20											

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

Signature _____ Firm ASSURED ENVIRONMENTAL ASSOCIATES

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 ☐ _____

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
LENNY'S SERVICE CENTER		P-31

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: GABE Last Name: KAPUGI Firm: ON SITE ENVIRONMENTAL SVC.	08/24/2019 (mm/dd/yyyy)	08/24/2019 (mm/dd/yyyy)	VIBRATORY

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
N/A	N/A	N/A	_____ Feet MSL	_____ Feet MSL	2.0 inches

Local Grid Origin ☒ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E (4326)
SE 1/4 of SE 1/4 of Section 3, T 5 N, R 22 E
Lat 42° 54' 55.1" N
Long 87° 52' 17.3" W
Local Grid Location: 50 Feet ☒ N ☐ S; 17 Feet ☐ E ☒ W

Facility ID	County	County Code	Civil Town/City/ or Village
241525680	MILWAUKEE	41	CITY OF SOUTH MILWAUKEE

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	48/30		0	0-0.5 CONCRETE	CONC									
S1 →			2	0.5-1.5 BLACK/BROWN SANDY SILT	ML									
				1.5-4.0 BROWN/BLACK CLAYEY SAND	SC									
	48/36		4	4.0-6.0 GREY BROWN SANDY CLAY FAINT ODOR	CL									
S2 →			6	6.0-8.0 LIGHT BROWN SAND PETROLEUM ODOR	SP									
	48/42		8	8.0-9.5 BROWN SILTY CLAY = FAINT PETROLEUM ODOR	CL									
			10	9.5-12.0 GREY SILTY CLAY	CH									
			12	EOB @ 12'										
			14											
			16											
			18											
			20											

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

Signature _____ Firm ASSURED ENVIRONMENTAL ASSOCIATES

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 ☐ _____

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
LENNY'S SERVICE CENTER		P-32

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: GABE Last Name: KAPUGI Firm: ON SITE ENVIRONMENTAL SVC.	08/24/2019 (m m d d y y y y)	08/24/2019 (m m d d y y y y)	VIBRATORY

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
N/A	N/A	N/A	_____ Feet MSL	_____ Feet MSL	2.0 inches

Local Grid Origin ☒ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E (4326)
SE 1/4 of SE 1/4 of Section 3, T 5 N, R 22 E
Lat 42° 54' 55.4" N
Long 87° 58' 17.3" W
Local Grid Location: 50 Feet ☒ N ☐ S; 7 Feet ☐ E ☒ W

Facility ID	County	County Code	Civil Town/City/ or Village
241525680	MILWAUKEE	41	CITY OF SOUTH MILWAUKEE

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	48/30		2	0-0.5 CONCRETE 0.5-3.0 BLACK BROWN SANDY STONE FILL	CONC FILL									
S1			4	3.0-4.0 BLACK FUSED SAND	SP									
	48/36		6	4.0-7.0 BROWN SILTY SAND WITH 0.25" GRAVEL	SM									
S2			8	7.0-8.0 GREY CLAY	CH									
S3			10	8.0-10.0 GREY/BLACK SAND	SP									
	48/48		12	10.0-15.0 GREY CLAMEY SAND	SC									
	36/36		14											
			16	EOB @ 15'										
			18											
			20											

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

Signature _____ Firm ASSURED ENVIRONMENTAL ASSOCIATES

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 ☐ _____

Page 1 of 1

Facility/Project Name: LENNY'S SERVICE CENTER	License/Permit/Monitoring Number:	Boring Number: P-33
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: GAGE Last Name: KAPUSI — Firm: ON SITE ENVIRONMENTAL SVC.	Date Drilling Started: 08/24/2019 (mm/dd/yyyy)	Date Drilling Completed: 08/24/2019 (mm/dd/yyyy) — Drilling Method: VIBRATORY
WI Unique Well No.: N/A	DNR Well ID No.: N/A	Well Name: N/A — Final Static Water Level: _____ Feet MSL — Surface Elevation: _____ Feet MSL — Borehole Diameter: 2.0 inches
Local Grid Origin ☒ (estimated: ☐) or Boring Location ☐ — State Plane _____ N, _____ E (4326) — SE 1/4 of SE 1/4 of Section 3, T 5 N, R 22 E	Lat 42° 54' 55.14" — Long 87° 52' 17.3"	Local Grid Location: N ☒ N ☐ S — 65 Feet — ☐ E ☒ W — 52 Feet
Facility ID: 241525680	County: MILWAUKEE	County Code: 41 — Civil Town/City/ or Village: CITY OF SOUTH MILWAUKEE

Sample: Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	48/42		0	0-1.0 LIGHT BROWN LOAM	OL									
			2	1.0-2.0 TAN SANDY SILT	ML									
S1 →				2.0-3.5 BLACK SILTY CLAY	CH									
	48/48		4	3.5-6.0 BROWN SAND	SP									
			6	6.0-8.0 GREY SANDY SILT	ML									
S2 →			8											
	48/36			8.0-12.0 GREY SILTY CLAY	CH									
			12											
	36/36		14											
			16	EOB @ 15'										
			18											
			20											

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

Signature _____ Firm ASSURED ENVIRONMENTAL ASSOCIATES

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 ☐ _____

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
LENNY'S SERVICE CENTER		P-34

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: GABE Last Name: KAPUSI Firm: ON SITE ENVIRONMENTAL SVC.	08/24/2019 (mm/dd/yyyy)	08/24/2019 (mm/dd/yyyy)	VIBRATORY

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
N/A	N/A	N/A	_____ Feet MSL	_____ Feet MSL	2.0 inches

Local Grid Origin ☒ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E (4326)
Lat 42° 54' 55.14" Long 87° 52' 17.34"
Local Grid Location: 65 Feet ☐ N ☒ S, 42 Feet ☐ E ☒ W
SE 1/4 of SE 1/4 of Section 3, T 5 N, R 22 E

Facility ID	County	County Code	Civil Town/City/ or Village
241525680	MILWAUKEE	41	CITY OF SOUTH MILWAUKEE

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	48/42		0	0-1.0 BROWN CLAY w/ GRAVEL	FILL									
S1			2	1.0-4.0 BROWN SANDY SILT WITH CRUSHED STONE	FILL									
	48/48		4	4.0-7.0 BROWN LOAMY SAND	FILL									
			6											
S2				7.0-7.5 BLACK SAND; STRONG PETRO ODOR	SP									
	48/36		8	7.5-11.5 GREY BROWN SANDY CLAY	CL									
			10											
			12											
	36/24		14	11.5-15.0 GRAY SILTY SAND	SM									
			16	EOB @ 15'										
			18											
			20											

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

Signature _____ Firm ASSURED ENVIRONMENTAL ASSOCIATES

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 ☐ _____

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
LENNY'S SERVICE CENTER		P-35

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: GABE Last Name: KAPUSI Firm: ON SITE ENVIRONMENTAL SVC.	08/24/2019 (mm/dd/yyyy)	08/24/2019 (mm/dd/yyyy)	VIBRATORY

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
N/A	N/A	N/A	_____ Feet MSL	_____ Feet MSL	2.0 inches

Local Grid Origin ☒ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E (4326)
SE 1/4 of SE 1/4 of Section 3, T 5 N, R 22 E
Lat 42° 54' 55.4" N Long 87° 52' 17.3" W
Local Grid Location: 65 Feet ☒ N ☐ S, 32 Feet ☐ E ☒ W

Facility ID	County	County Code	Civil Town/City/ or Village
241525680	MILWAUKEE	41	CITY OF SOUTH MILWAUKEE

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	48/48			0-1.0 CRUSHED STONE	FILL									
S1			2	1.0-6.0 BROWN SANDY CLAY	CL									
	48/48		4											
			6	6.0-8.0 GREY CLAYEY SILT PETROLEUM ODOR	ML									
S2			8											
	48/30			8.0-10.0 GREY SANDY CLAY	CL									
			10	10.0-13.0 BROWN GREY SILTY SAND	SM									
	36/12		12											
			14	13.0-15.0 GREY BROWN SILTY SAND	SM									
			16	EOB@ 15'										
			18											
			20											

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

Signature _____ Firm ASSURED ENVIRONMENTAL ASSOCIATES

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 ☐ _____

Page 1 of 1

Facility/Project Name: LENNY'S SERVICE CENTER	License/Permit/Monitoring Number:	Boring Number: P-36	
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: GABE Last Name: KAPUSI — Firm: ON SITE ENVIRONMENTAL SVC.	Date Drilling Started: 08/24/2019	Date Drilling Completed: 08/24/2019	Drilling Method: VIBRATORY
WI Unique Well No.: N/A	DNR Well ID No.: N/A	Well Name: N/A	Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL	Borehole Diameter: 2.0 inches
Local Grid Origin ☒ (estimated: ☐) or Boring Location ☐ — State Plane _____ N, _____ E (4326)	Lat 42° 54' 35.14" N	Local Grid Location: 65 Feet ☒ N ☐ S 12 Feet ☐ E ☒ W
SE 1/4 of SE 1/4 of Section 3, T 5 N, R 22 E	Long 87° 52' 17.30" W	
Facility ID: 241525680	County: MILWAUKEE	County Code: 41	Civil Town/City/ or Village: CITY OF SOUTH MILWAUKEE

Sample: Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	48/42		0	0-0.5 CRUSHED STONE	FILL									
			2	0.5-4.0 BROWN SILTY CLAY	CH									
S1			4											
	48/42			4.0-7.0 TAN SILTY SAND w/ AGGREGATE	SM									
S2			6											
			8	7.0-8.0 GREY SAND STRONG PETRO ODOR	SP									
	48/42			8.0-10.0 GREY CLAY STRONG PETRO. ODOR	CH									
S3			10											
				10.0-12.0 GREY SILTY SAND PETROLEUM ODOR	SM									
			12											
	36/30			12.0-15.0 BROWN GREY SILTY SAND	SM									
			14											
			16	EOB @ 15'										
			18											
			20											

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

Signature _____ Firm ASSURED ENVIRONMENTAL ASSOCIATES

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 ☐ _____

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
LENNY'S SERVICE CENTER		P-37

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: GABE Last Name: KAPUSI Firm: ON SITE ENVIRONMENTAL SVC.	08/24/2019 (mm/dd/yyyy)	08/24/2019 (mm/dd/yyyy)	VIBRATORY

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
N/A	N/A	N/A	_____ Feet MSL	_____ Feet MSL	2.0 inches

Local Grid Origin ☒ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E (4326)
SE 1/4 of SE 1/4 of Section 3, T 5 N, R 22 E
Lat 42° 54' 52.4" Long 87° 52' 17.3"
Local Grid Location N W 78 Feet ☒ N ☐ S 57 Feet ☐ E ☒ W

Facility ID	County	County Code	Civil Town/City/ or Village
241525680	MILWAUKEE	41	CITY OF SOUTH MILWAUKEE

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S1	48/48		0–2–4	0-5.0 LOOSE LT. BROWN SANDY SILT W/ AGGREGATE	FILL									
S2	48/42		6	5.0-7.0 BROWN CLAYEY SAND	SC									
	48/30		8–10	7.0-12.0 GREY BROWN SANDY SILT FAINT PETROLEUM ODOR	ML									
	36/24		12–14	12.0-15.0 GREY SAND	SP									
			16–18–20	EOB@ 15'										

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

Signature _____ Firm ASSURED ENVIRONMENTAL ASSOCIATES

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 ☐ _____

Facility/Project Name: LENNY'S SERVICE CENTER	License/Permit/Monitoring Number:	Boring Number: P-38	
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: GABE Last Name: KAPUSI — Firm: ON SITE ENVIRONMENTAL SVC.	Date Drilling Started: 08/24/2019	Date Drilling Completed: 08/24/2019	Drilling Method: VIBRATORY
WI Unique Well No.: N/A	DNR Well ID No.: N/A	Well Name: N/A	Final Static Water Level: _____ Feet MSL	Surface Elevation: _____ Feet MSL	Borehole Diameter: 2.0 inches
Local Grid Origin ☒ (estimated: ☐) or Boring Location ☐ — State Plane _____ N, _____ E (NAD26)	Lat 42° 54' 55.14" Long 87° 52' 17.36"	Local Grid Location: N 78 Feet ☒ N ☐ S; 47 Feet ☐ E ☒ W
SE 1/4 of SE 1/4 of Section 3, T 5 N, R 22 E		
Facility ID: 241525680	County: MILWAUKEE	County Code: 41	Civil Town/City/ or Village: CITY OF SOUTH MILWAUKEE

Sample: Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	48/48		0	0-1.5 LOOSE BROWN SANDY FILL	FILL									
S1			2	1.5-3.5 BROWN CLAMEY FILL W/ AGGREGATE	FILL									
			4	3.5-4.0 FUSED BLACK SAND	SP									
S2	18/42			4.0-6.0 BROWN SANDY STONE FILL	FILL									
			6	6.0-8.0 GREY CLAMEY SILT W/GRAVEL	ML									
	48/42		8	8.0-10.0 BROWN LOOSE SANDY FILL W/ STONES	FILL									
S3			10	10.0-12.0 GREY SANDY CLAY	CL									
			12	EOB @ 12'										
			14											
			16											
			18											
			20											

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

Signature _____ Firm ASSURED ENVIRONMENTAL ASSOCIATES

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 $20,000, 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 ☐ _____

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
LENNY'S SERVICE CENTER		P-39

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: GABE Last Name: KAPUSI Firm: ON SITE ENVIRONMENTAL SVC.	08/24/2019 (mm dd yyyy)	08/24/2019 (mm dd yyyy)	VIBRATORY

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
N/A	N/A	N/A	_____ Feet MSL	_____ Feet MSL	2.0 inches

Local Grid Origin ☒ (estimated: ☐) or Boring Location ☐ | State Plane _____ N, _____ E (4326) | Lat 42° 54' 55.44" | Long 87° 52' 17.39"

SE 1/4 of SE 1/4 of Section 3, T 5 N, R 22 E

Local Grid Location: N 78 Feet ☒ N ☐ S, 37 Feet ☐ E ☒ W

Facility ID	County	County Code	Civil Town/City/ or Village
241525680	MILWAUKEE	41	CITY OF SOUTH MILWAUKEE

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S1	48/48		2	0-3.0 GREY BROWN CLAYEY SAND WITH AGGREGAT AND CRUSHED STONE	FILL									
			4	3.0-4.0 BROWN CLAY W/ STONE	FILL									
	48/48			4.0-6.0 BROWN SANDY CLAY W/ STONE	CL									
			6	6.0-7.0 BROWN SANDY CLAY	CL									
S2				7.0-8.0 BLACK SAND STRONG PETR. ODOR	SP									
	48/24		8	8.0-12.0 GREY BROWN SILTY SAND	SM									
			10											
			12											
				EOB @ 12'										
			14											
			16											
			18											
			20											

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

Signature _____ Firm ASSURED ENVIRONMENTAL ASSOCIATES

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 $10,000, 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 ☐ _____

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
LENNY'S SERVICE CENTER		P-40

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: GABE Last Name: KAPUGI Firm: ON SITE ENVIRONMENTAL SVC.	08/24/2019 (mm/dd/yyyy)	08/24/2019 (mm/dd/yyyy)	VIBRATORY

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
N/A	N/A	N/A	_____ Feet MSL	_____ Feet MSL	2.0 inches

Local Grid Origin ☒ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E (4326)
Lat 42° 54' 5.16" N Long 87° 52' 17.56" W
Local Grid Location: 78 Feet ☒ N ☐ S; 27 Feet ☐ E ☒ W
SE 1/4 of SE 1/4 of Section 3, T 5 N, R 22 E

Facility ID	County	County Code	Civil Town/City/ or Village
241525680	MILWAUKEE	41	CITY OF SOUTH MILWAUKEE

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	48/48		0	0-2.5 SANDY BROWN FILL WITH CRUSHED ROCK	FILL									
			2	2.5-3.0 BLACK FUSED SAND	SP									
S1				3.0-4.0 BROWN CLAY	CH									
	48/48		4	4.0-7.0 GREY BROWN SANDY CLAY	CL									
			6											
S2				7.0-8.0 BLACK SANDY CLAY ODOR	CL									
	48/24		8	8.0-12.0 GREY CLAYEY SAND	SC									
			10											
			12	EOB @ 12'										
			14											
			16											
			18											
			20											

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

Signature _____ Firm ASSURED ENVIRONMENTAL ASSOCIATES

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 ☐ _____

Facility/Project Name: LENNY'S SERVICE CENTER	License/Permit/Monitoring Number:	Boring Number: P-41	
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: GABE Last Name: KAPUSI — Firm: ON SITE ENVIRONMENTAL SVC.	Date Drilling Started: 08/24/2019	Date Drilling Completed: 08/24/2019	Drilling Method: VIBRATORY
WI Unique Well No.: N/A	DNR Well ID No.: N/A	Well Name: N/A	Final Static Water Level: ____ Feet MSL	Surface Elevation: ____ Feet MSL	Borehole Diameter: 2.0 inches
Local Grid Origin ☒ (estimated: ☐) or Boring Location ☐ — State Plane ____ N, ____ E (4326)	Lat 42° 54' 5.4" N — Long 87° 52' 17.3" W	Local Grid Location: 78 Feet ☒ N ☐ S; 17 Feet ☐ E ☒ W
SE 1/4 of SE 1/4 of Section 3, T 5 N, R 22 E		
Facility ID: 241525680	County: MILWAUKEE	County Code: 41	Civil Town/City/ or Village: CITY OF SOUTH MILWAUKEE

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
	48		0	0-2.0 GREY BROWN SANDY CLAY W/ CRUSHED ROCK	FILL	FILL								
	42		2	2.0-2.5 CRUSHED STONE	FILL									
S1			4	2.5-4.0 BROWN CLAYEY SILT	ML									
	48			4.0-4.5 CRUSHED STONE										
	48		6	4.5-7.0 BROWN SANDY SILT	ML									
S2				▼										
			8	7.0-8.0 BLACK SANDY CLAY PETROLEUM ODOR	CL									
	48/30			8.0-12.0 GREY SANDY CLAY	CH									
			12	EOB @ 12'										
			14											
			16											
			18											
			20											

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

Signature _____ Firm ASSURED ENVIRONMENTAL ASSOCIATES

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 ☐ _____

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
LENNY'S SERVICE CENTER		P-42

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: GABE Last Name: KAPUSI Firm: ON SITE ENVIRONMENTAL SVC.	08/24/2019 (mm/dd/yyyy)	08/24/2019 (mm/dd/yyyy)	VIBRATORY

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
N/A	N/A	N/A	_____ Feet MSL	_____ Feet MSL	2.0 inches

Local Grid Origin ☒ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E (4326)
Lat 42° 54' 55.4" Long 87° 52' 17.3"
Local Grid Location: ☐ N ☒ S 78 Feet ☐ E ☒ W 7 Feet
SE 1/4 of SE 1/4 of Section 3, T 5 N, R 22 E

Facility ID	County	County Code	Civil Town/City/ or Village
241525680	MILWAUKEE	41	CITY OF SOUTH MILWAUKEE

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
	48/24		0	0-2.0 GREY BROWN SANDY FILL WITH STONES	FILL									
S1			2	2.0-4.0 BLACK BROWN SILTY LOAM	FILL									
	48/36		4	4.0-7.5 BROWN SANDY CLAY WITH SMALL POORLY GRADED GRAVEL ▼	CL									
S2			8	7.5-9.0 BLACK BROWN SANDY SILT	ML									
	48/24		10	8.0-12.0 GREY CLAYEY SAND	SC									
			12											
			14	EOB @ 12'										
			16											
			18											
			20											

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

Signature _____ Firm ASSURED ENVIRONMENTAL ASSOCIATES

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 ☐ _____

Page 1 of 1

Facility/Project Name: LENNY'S SERVICE CENTER	License/Permit/Monitoring Number:	Boring Number: P-43	
Boring Drilled By: Name of crew chief (first, last) and Firm — First Name: GABE Last Name: KAPUSI — Firm: ON SITE ENVIRONMENTAL SVC.	Date Drilling Started: 08/24/2019	Date Drilling Completed: 08/24/2019	Drilling Method: VIBRATORY
WI Unique Well No.: N/A	DNR Well ID No.: N/A	Well Name: N/A	Final Static Water Level: ____ Feet MSL	Surface Elevation: ____ Feet MSL	Borehole Diameter: 2.0 inches
Local Grid Origin ☒ (estimated: ☐) or Boring Location ☐ — State Plane ____ N, ____ E	Lat 42° 54' 58.6" (4326) Long 87° 52' 17.3"	Local Grid Location: 2 W 90 Feet ☒ N ☐ S; 35 Feet ☐ E ☒ W	
SE 1/4 of SE 1/4 of Section 3, T 5 N, R 22 E			
Facility ID: 241525680	County: MILWAUKEE	County Code: 41	Civil Town/City/ or Village: CITY OF SOUTH MILWAUKEE

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S1	48/42		2	0-3.0 BROWN GREY SANDY CLAY WITH	FILL									
			4	3.0-5.0 BROWN CLAYEY SILT	ML									
	48/36		6	5.0-8.0 BROWN SILTY SAND.	SM									
S2			8	7.5-8.0 BLACK BROWN SILTY SAND	SP	▼								
	48/30		10	8.0-12.0 GREY SILTY CLAY	CL									
			12											
			14	EOB @ 12'										
			16											
			18											
			20											

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

Signature: [signature] Firm: ASSURED ENVIRONMENTAL ASSOCIATES

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 ☐ _____

Page 1 of 1

Facility/Project Name	License/Permit/Monitoring Number	Boring Number
LENNY'S SERVICE CENTER		P-44

Boring Drilled By: Name of crew chief (first, last) and Firm	Date Drilling Started	Date Drilling Completed	Drilling Method
First Name: GABE Last Name: KAPUSI Firm: ON SITE ENVIRONMENTAL SVC.	08/24/2019	08/24/2019	VIBRATORY

WI Unique Well No.	DNR Well ID No.	Well Name	Final Static Water Level	Surface Elevation	Borehole Diameter
N/A	N/A	N/A	_____ Feet MSL	_____ Feet MSL	2.0 inches

Local Grid Origin ☒ (estimated: ☐) or Boring Location ☐
State Plane _____ N, _____ E (4326)
Lat 42° 54' 5.8" Long 87° 52' 07.3"
Local Grid Location N W 90 Feet ☒ N ☐ S 25 Feet ☐ E ☒ W
SE 1/4 of SE 1/4 of Section 3, T 5 N, R 22 E

Facility ID	County	County Code	Civil Town/City/ or Village
241525680	MILWAUKEE	41	CITY OF SOUTH MILWAUKEE

Sample Number and Type	Length Att. & Recovered (in)	Blow Counts	Depth in Feet (Below ground surface)	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	PID/FID	Soil Properties: Compressive Strength	Moisture Content	Liquid Limit	Plasticity Index	P 200	RQD/ Comments
S1	48/42		0–4	0-1.5 GREY SANDY CLAY WITH STONES 1.5-4.0 BROWN CLAY WITH STONES	FILL									
S2	48/42		4–8	4.0-4.5 BLACK FUSED SAND 4.5-7.5 BROWN CLAYEY SAND WITH STONES	SP SC									
S3	48/36		8–12	7.5-9.0 BLACK STAINED BROWN GREY SILT PETROLEUM ODOR 9.0-12.0 GREY SILTY CLAY	ML CL									
			12–20	EOB @ 12'										

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

Signature _____ Firm ASSURED ENVIRONMENTAL ASSOCIATES

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

~~Well / Drillhole~~ / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, 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**
BOREHOLE

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other: _____

1. ~~Well~~ Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE	N/A	N/A

Latitude / Longitude (see instructions)	Format Code	Method Code
42° 54.9273' N	☐ DD	☐ GPS008
87° 52.2883' W	☒ DDM	☒ SCR002
		☐ OTH001

¼ / ¼	¼	Section	Township	Range	or Gov't Lot #
SE	SE	3	5 N	22 ☒ E ☐ W	

~~Well~~ Street Address: BOREHOLE 1500 E RAWSON AVENUE

~~Well~~ City, Village or Town: BOREHOLE CITY OF SOUTH MILWAUKEE — Well ZIP Code: 53172

Subdivision Name: N/A — Lot #: N/A

Reason for Removal from Service: SOIL BORING EXPLORATION — WI Unique Well # of Replacement Well: N/A

2. Facility / Owner Information

Facility Name: LENNY'S SERVICE CENTER

Facility ID (FID or PWS): 241525680

License/Permit/Monitoring #: P-28

Original ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Present ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Mailing Address of Present Owner: 623 MARQUETTE AVENUE

City of Present Owner	State	ZIP Code
SOUTH MILWAUKEE	WI	53172

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole ~~/ Drillhole~~

Original Construction Date (mm/dd/yyyy): 08/24/2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): VIBRATORY HAMMER

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total ~~Well~~ Depth From Ground Surface (ft.)	Casing Diameter (in.)
BOREHOLE 15	N/A
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2.0	N/A

Was well annular space grouted? N/A ☐ Yes ☐ No ☐ Unknown

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

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

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ 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
☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain): _____

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

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

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	15	1/5 OF 50LB SACK	N/A

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
MICHAEL GOY	N/A	08/24/2019

Street or Route	Telephone Number	City	State	ZIP Code
W236S5572 MAPLE HILL DR.	(414) 412-4697	WAUKESHA	WI	53189

Signature of Person Doing Work: [signature]

Date Signed: 09/06/2019

DNR Use Only

Date Received	Noted By

Comments

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

~~Well / Drillhole~~ / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, 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**
BOREHOLE

Route to DNR Bureau: ☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment ☐ Waste Management ☐ Other:

1. Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE	N/A	N/A

Latitude / Longitude (see instructions)	Format Code	Method Code
42° 54.9273' N	☐ DD	☐ GPS008
87° 52.2883' W	☒ DDM	☒ SCR002
		☐ OTH001

¼ / ¼	¼	Section	Township	Range
SE	SE	3	5 N	22 ☒ E ☐ W

or Gov't Lot #

~~Well~~ Street Address: BOREHOLE 1500 E RAWSON AVENUE

~~Well~~ City, Village or Town: BOREHOLE CITY OF SOUTH MILWAUKEE — Well ZIP Code: 53172

Subdivision Name: N/A — Lot #: N/A

Reason for Removal from Service: SOIL BORING EXPLORATION — WI Unique Well # of Replacement Well: N/A

2. Facility / Owner Information

Facility Name: LENNY'S SERVICE CENTER

Facility ID (FID or PWS): 241525680

License/Permit/Monitoring #: P-29

Original ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Present ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Mailing Address of Present Owner: 623 MARQUETTE AVENUE

City of Present Owner	State	ZIP Code
SOUTH MILWAUKEE	WI	53172

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole ~~/ Drillhole~~

Original Construction Date (mm/dd/yyyy): 08/24/2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): VIBRATORY HAMMER

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total ~~Well~~ Depth From Ground Surface (ft.)	Casing Diameter (in.)
BOREHOLE 15	N/A
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2.0	N/A

Was well annular space grouted? N/A ☐ Yes ☐ No ☐ Unknown

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

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

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ 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
☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

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

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	15	1/5 OF 50LB SACK	N/A

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
MICHAEL GOY	N/A	08/24/2019

Street or Route	Telephone Number
W236S5572 MAPLE HILL DR.	(414) 412-6971

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
WAUKESHA	WI	53189		09/06/2019

DNR Use Only

Date Received	Noted By

Comments:

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

~~Well / Drillhole~~ / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, 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**
BOREHOLE

Route to DNR Bureau: ☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment ☐ Waste Management ☐ Other:

1. ~~Well~~ Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE	N/A	N/A

Latitude / Longitude (see instructions)	Format Code	Method Code
42° 54.9273' N	☐ DD	☐ GPS008
87° 52.2883' W	☒ DDM	☒ SCR002
		☐ OTH001

¼ / ¼	¼	Section	Township	Range	or Gov't Lot #
SE	SE	3	5 N	22 ☒ E ☐ W	

~~Well~~ Street Address: BOREHOLE 1500 E RAWSON AVENUE

~~Well~~ City, Village or Town: BOREHOLE CITY OF SOUTH MILWAUKEE

Well ZIP Code: 53172

Subdivision Name: N/A

Lot #: N/A

Reason for Removal from Service: SOIL BORING EXPLORATION

WI Unique Well # of Replacement Well: N/A

2. Facility / Owner Information

Facility Name: LENNY'S SERVICE CENTER

Facility ID (FID or PWS): 241525680

License/Permit/Monitoring #: P-30

Original ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Present ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Mailing Address of Present Owner: 623 MARQUETTE AVENUE

City of Present Owner	State	ZIP Code
SOUTH MILWAUKEE	WI	53172

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole ~~/ Drillhole~~

Original Construction Date (mm/dd/yyyy): 08/24/2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): VIBRATORY HAMMER

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total ~~Well~~ Depth From Ground Surface (ft.)	Casing Diameter (in.)
BOREHOLE 15	N/A
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2.0	N/A

Was well annular space grouted? N/A ☐ Yes ☐ No ☐ Unknown

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

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

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ 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
☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

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

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	15	1/5 OF 50LB SACK	N/A

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
MICHAEL GOY	N/A	08/24/2019

Street or Route	Telephone Number	City	State	ZIP Code
W236 S5572 MAPLE HILL DR.	(414) 412-4697	WAUKESHA	WI	53189

Signature of Person Doing Work

Date Signed: 09/06/2019

DNR Use Only

Date Received	Noted By

Comments

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

~~Well / Drillhole~~ / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, 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**
BOREHOLE

Route to DNR Bureau: ☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment ☐ Waste Management ☐ Other:

1. ~~Well~~ Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE	N/A	N/A

Latitude / Longitude (see instructions)	Format Code	Method Code
42° 54.9273' N	☐ DD	☐ GPS008
87° 52.2883' W	☒ DDM	☒ SCR002
		☐ OTH001

¼ / ¼	¼	Section	Township	Range
SE	SE	3	5 N	22 ☒ E ☐ W

or Gov't Lot #

~~Well~~ Street Address: BOREHOLE 1500 E RAWSON AVENUE

~~Well~~ City, Village or Town: BOREHOLE CITY OF SOUTH MILWAUKEE — Well ZIP Code: 53172

Subdivision Name: N/A — Lot #: N/A

Reason for Removal from Service: SOIL BORING EXPLORATION — WI Unique Well # of Replacement Well: N/A

2. Facility / Owner Information

Facility Name: LENNY'S SERVICE CENTER

Facility ID (FID or PWS): 241525680

License/Permit/Monitoring #: P-31

Original ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Present ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Mailing Address of Present Owner: 623 MARQUETTE AVENUE

City of Present Owner	State	ZIP Code
SOUTH MILWAUKEE	WI	53172

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole ~~/ Drillhole~~

Original Construction Date (mm/dd/yyyy): 08/24/2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): VIBRATORY HAMMER

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total ~~Well~~ Depth From Ground Surface (ft.)	Casing Diameter (in.)
BOREHOLE 12	N/A
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2.0	N/A

Was well annular space grouted? N/A ☐ Yes ☐ No ☐ Unknown

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

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

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ 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
☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

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

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	12	1/5 OF 50LB SACK	N/A

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
MICHAEL GOY	N/A	08/24/2019

Street or Route	Telephone Number
W236S5572 MAPLE HILL DR.	(414) 412-4697

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
WAUKESHA	WI	53189		09/06/2019

DNR Use Only

Date Received	Noted By

Comments:

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

~~Well / Drillhole~~ / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, 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**
BOREHOLE

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. ~~Well~~ Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE	N/A	N/A

Latitude / Longitude (see instructions)	Format Code	Method Code
42° 54.9273' N	☐ DD	☐ GPS008
87° 52.2883' W	☒ DDM	☒ SCR002
		☐ OTH001

¼ / ¼	¼	Section	Township	Range	or Gov't Lot #
SE	SE	3	5 N	22 ☒ E ☐ W	

~~Well~~ Street Address: BOREHOLE 1500 E RAWSON AVENUE

~~Well~~ City, Village or Town	Well ZIP Code
BOREHOLE CITY OF SOUTH MILWAUKEE	53172

Subdivision Name	Lot #
N/A	N/A

Reason for Removal from Service	WI Unique Well # of Replacement Well
SOIL BORING EXPLORATION	N/A

2. Facility / Owner Information

Facility Name: LENNY'S SERVICE CENTER

Facility ID (FID or PWS): 241525680

License/Permit/Monitoring #: P-32

Original ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Present ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Mailing Address of Present Owner: 623 MARQUETTE AVENUE

City of Present Owner	State	ZIP Code
SOUTH MILWAUKEE	WI	53172

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole ~~/ Drillhole~~

Original Construction Date (mm/dd/yyyy): 08/24/2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): VIBRATORY HAMMER

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total ~~Well~~ Depth From Ground Surface (ft.)	Casing Diameter (in.)
BOREHOLE 15	N/A

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
2.0	N/A

Was well annular space grouted? N/A ☐ Yes ☐ No ☐ Unknown

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

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

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ 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
☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

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

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	15	1/5 OF 50LB SACK	N/A

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
MICHAEL GOY	N/A	08/24/2019

Street or Route	Telephone Number
W236S5572 MAPLE HILL DR.	(414) 412-4697

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
WAUKESHA	WI	53189		09/06/2019

DNR Use Only

Date Received	Noted By

Comments:

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

~~Well / Drillhole~~ / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, 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**
BOREHOLE

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. ~~Well~~ Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE	N/A	N/A

Latitude / Longitude (see instructions)	Format Code	Method Code
42° 54.9273' N	☐ DD	☐ GPS008
87° 52.2883' W	☒ DDM	☒ SCR002
		☐ OTH001

¼ / ¼	¼	Section	Township	Range
SE	SE	3	5 N	☒ E ☐ W

or Gov't Lot #

~~Well~~ Street Address: BOREHOLE 1500 E RAWSON AVENUE

~~Well~~ City, Village or Town: BOREHOLE CITY OF SOUTH MILWAUKEE

Well ZIP Code: 53172

Subdivision Name: N/A

Lot #: N/A

Reason for Removal from Service: SOIL BORING EXPLORATION

WI Unique Well # of Replacement Well: N/A

2. Facility / Owner Information

Facility Name: LENNY'S SERVICE CENTER

Facility ID (FID or PWS): 241525680

License/Permit/Monitoring #: P-33

Original ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Present ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Mailing Address of Present Owner: 623 MARQUETTE AVENUE

City of Present Owner	State	ZIP Code
SOUTH MILWAUKEE	WI	53172

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole ~~/ Drillhole~~

Original Construction Date (mm/dd/yyyy): 08/24/2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): VIBRATORY HAMMER

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total ~~Well~~ Depth From Ground Surface (ft.)	Casing Diameter (in.)
BOREHOLE 15	N/A
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2.0	N/A

Was well annular space grouted? N/A ☐ Yes ☐ No ☐ Unknown

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

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

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ 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
☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

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

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	15	1/5 OF 50LB SACK	N/A

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
MICHAEL GOY	N/A	08/24/2019

Street or Route	Telephone Number
W236S5572 MAPLE HILL DR.	(414) 412-4697

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
WAUKESHA	WI	53189		09/06/2019

DNR Use Only

Date Received	Noted By

Comments:

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

~~Well / Drillhole~~ / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, 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**
BOREHOLE

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE	N/A	N/A

Latitude / Longitude (see instructions)	Format Code	Method Code
42° 54.9273' N	☐ DD	☐ GPS008
87° 52.2883' W	☒ DDM	☒ SCR002
		☐ OTH001

¼ / ¼	¼	Section	Township	Range
SE	SE	3	5 N	22 ☒ E ☐ W

or Gov't Lot #

~~Well~~ Street Address
BOREHOLE 1500 E RAWSON AVENUE

~~Well~~ City, Village or Town
BOREHOLE CITY OF SOUTH MILWAUKEE

Well ZIP Code: 53172

Subdivision Name: N/A

Lot #: N/A

Reason for Removal from Service: SOIL BORING EXPLORATION

WI Unique Well # of Replacement Well: N/A

2. Facility / Owner Information

Facility Name: LENNY'S SERVICE CENTER

Facility ID (FID or PWS): 241525680

License/Permit/Monitoring #: P-34

Original ~~Well~~ Owner
BOREHOLE LENNY'S SERVICE CENTER

Present ~~Well~~ Owner
BOREHOLE LENNY'S SERVICE CENTER

Mailing Address of Present Owner: 623 MARQUETTE AVENUE

City of Present Owner	State	ZIP Code
SOUTH MILWAUKEE	WI	53172

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole ~~/ Drillhole~~

Original Construction Date (mm/dd/yyyy): 08/24/2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): VIBRATORY HAMMER

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total ~~Well~~ Depth From Ground Surface (ft.)	Casing Diameter (in.)
BOREHOLE 15	N/A
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2.0	N/A

Was well annular space grouted? N/A ☐ Yes ☐ No ☐ Unknown

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

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

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ 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
☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

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

5. Material Used to Fill Well / Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	15	1/5 OF 50LB SACK	N/A

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
MICHAEL GOY	N/A	08/24/2019

Street or Route	Telephone Number	City	State	ZIP Code
W236S5572 MAPLE HILL DR.	(414) 412-4697	WAUKESHA	WI	53189

Signature of Person Doing Work

Date Signed: 09/06/2019

DNR Use Only

Date Received	Noted By

Comments

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

~~Well / Drillhole~~ / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, 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**
BOREHOLE

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. ~~Well~~ Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE	N/A	N/A

Latitude / Longitude (see instructions)	Format Code	Method Code
42° 54.9273' N	☐ DD	☐ GPS008
87° 52.2883' W	☒ DDM	☒ SCR002
		☐ OTH001

¼ / ¼	¼	Section	Township	Range	or Gov't Lot #
SE	SE	3	5 N	22 ☒ E ☐ W	

~~Well~~ Street Address: BOREHOLE 1500 E RAWSON AVENUE

~~Well~~ City, Village or Town: BOREHOLE CITY OF SOUTH MILWAUKEE — Well ZIP Code: 53172

Subdivision Name: N/A — Lot #: N/A

Reason for Removal from Service: SOIL BORING EXPLORATION — WI Unique Well # of Replacement Well: N/A

2. Facility / Owner Information

Facility Name: LENNY'S SERVICE CENTER

Facility ID (FID or PWS): 241525680

License/Permit/Monitoring #: P-35

Original ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Present ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Mailing Address of Present Owner: 623 MARQUETTE AVENUE

City of Present Owner	State	ZIP Code
SOUTH MILWAUKEE	WI	53172

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole ~~/Drillhole~~

Original Construction Date (mm/dd/yyyy): 08/24/2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): VIBRATORY HAMMER

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total ~~Well~~ Depth From Ground Surface (ft.)	Casing Diameter (in.)
BOREHOLE 15	N/A

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
2.0	N/A

Was well annular space grouted? N/A ☐ Yes ☐ No ☐ Unknown

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

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

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ 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
☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

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

5. Material Used to Fill Well / Drillhole

Material	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	15	1/5 OF 50LB SACK	N/A

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
MICHAEL GOY	N/A	08/24/2019

Street or Route	Telephone Number	Comments
W236S5572 MAPLE HILL DR.	(414) 412-4697	

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
WAUKESHA	WI	53189		09/06/2019

DNR Use Only

Date Received	Noted By

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

~~Well / Drillhole~~ / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, 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**
BOREHOLE

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. ~~Well~~ Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE	N/A	N/A

Latitude / Longitude (see instructions)	Format Code	Method Code
42° 54.9273' N	☐ DD	☐ GPS008
87° 52.2883' W	☒ DDM	☒ SCR002
		☐ OTH001

¼ / ¼	¼	Section	Township	Range	or Gov't Lot #
SE	SE	3	5 N	22 ☒ E ☐ W	

~~Well~~ Street Address: BOREHOLE 1500 E RAWSON AVENUE

~~Well~~ City, Village or Town: BOREHOLE CITY OF SOUTH MILWAUKEE

Well ZIP Code: 53172

Subdivision Name: N/A

Lot #: N/A

Reason for Removal from Service: SOIL BORING EXPLORATION

WI Unique Well # of Replacement Well: N/A

2. Facility / Owner Information

Facility Name: LENNY'S SERVICE CENTER

Facility ID (FID or PWS): 241525680

License/Permit/Monitoring #: P-36

Original ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Present ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Mailing Address of Present Owner: 623 MARQUETTE AVENUE

City of Present Owner	State	ZIP Code
SOUTH MILWAUKEE	WI	53172

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole ~~/ Drillhole~~

Original Construction Date (mm/dd/yyyy): 08/24/2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): VIBRATORY HAMMER

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total ~~Well~~ Depth From Ground Surface (ft.)	Casing Diameter (in.)
BOREHOLE 15	N/A

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
2.0	N/A

Was well annular space grouted? N/A ☐ Yes ☐ No ☐ Unknown

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

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

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ 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
☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

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

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	15	1/5 OF 50LB SACK	N/A

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
MICHAEL GOY	N/A	08/24/2019

Street or Route	Telephone Number
W236S5572 MAPLE HILL DR.	(414) 412-4691

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
WAUKESHA	WI	53189		09/06/2019

DNR Use Only

Date Received	Noted By

Comments:

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

~~Well / Drillhole~~ / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, 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**
BOREHOLE

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. ~~Well~~ Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE	N/A	N/A

Latitude / Longitude (see instructions)	Format Code	Method Code
42° 54.9273' N	☐ DD	☐ GPS008
87° 52.2883' W	☒ DDM	☒ SCR002
		☐ OTH001

¼ / ¼	¼	Section	Township	Range	or Gov't Lot #
SE	SE	3	5 N	22 ☒ E ☐ W	

~~Well~~ Street Address: BOREHOLE 1500 E RAWSON AVENUE

~~Well~~ City, Village or Town: BOREHOLE CITY OF SOUTH MILWAUKEE

Well ZIP Code: 53172

Subdivision Name: N/A

Lot #: N/A

Reason for Removal from Service: SOIL BORING EXPLORATION

WI Unique Well # of Replacement Well: N/A

2. Facility / Owner Information

Facility Name: LENNY'S SERVICE CENTER

Facility ID (FID or PWS): 241525680

License/Permit/Monitoring #: P-37

Original ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Present ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Mailing Address of Present Owner: 623 MARQUETTE AVENUE

City of Present Owner	State	ZIP Code
SOUTH MILWAUKEE	WI	53172

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole ~~/ Drillhole~~

Original Construction Date (mm/dd/yyyy): 08/24/2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): VIBRATORY HAMMER

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total ~~Well~~ Depth From Ground Surface (ft.)	Casing Diameter (in.)
BOREHOLE 15	N/A

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
2.0	N/A

Was well annular space grouted? N/A ☐ Yes ☐ No ☐ Unknown

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

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

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ 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
☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

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

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	15	1/5 OF 50LB SACK	N/A

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
MICHAEL GOY	N/A	08/24/2019

Street or Route	Telephone Number	Comments
W236S5572 MAPLE HILL DR.	(414) 412-4697	

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
WAUKESHA	WI	53189		09/06/2019

DNR Use Only

Date Received	Noted By

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

~~Well / Drillhole~~ / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, 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**
BOREHOLE

Route to DNR Bureau: ☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment ☐ Waste Management ☐ Other:

1. ~~Well~~ Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE	N/A	N/A

Latitude / Longitude (see instructions)	Format Code	Method Code
42° 54.9273' N	☐ DD	☐ GPS008
87° 52.2883' W	☒ DDM	☒ SCR002 ☐ OTH001

¼ / ¼	¼	Section	Township	Range
SE	SE	3	5 N	22 ☒ E ☐ W

or Gov't Lot #

~~Well~~ Street Address: BOREHOLE 1500 E RAWSON AVENUE

~~Well~~ City, Village or Town: BOREHOLE CITY OF SOUTH MILWAUKEE

Well ZIP Code: 53172

Subdivision Name: N/A

Lot #: N/A

Reason for Removal from Service: SOIL BORING EXPLORATION

WI Unique Well # of Replacement Well: N/A

2. Facility / Owner Information

Facility Name: LENNY'S SERVICE CENTER

Facility ID (FID or PWS): 241525680

License/Permit/Monitoring #: P-38

Original ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Present ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Mailing Address of Present Owner: 623 MARQUETTE AVENUE

City of Present Owner	State	ZIP Code
SOUTH MILWAUKEE	WI	53172

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole ~~/ Drillhole~~

Original Construction Date (mm/dd/yyyy): 08/24/2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): VIBRATORY HAMMER

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total ~~Well~~ Depth From Ground Surface (ft.)	Casing Diameter (in.)
BOREHOLE 12	N/A

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
2.0	N/A

Was well annular space grouted? N/A ☐ Yes ☐ No ☐ Unknown

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

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

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ 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
☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

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

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	12	1/5 OF 50LB SACK	N/A

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
MICHAEL GOY	N/A	08/24/2019

Street or Route	Telephone Number
W236S5572 MAPLE HILL DR.	(414) 412-6971

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
WAUKESHA	WI	53189		09/06/2019

DNR Use Only

Date Received	Noted By

Comments:

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

~~Well / Drillhole~~ / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, 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**
BOREHOLE

Route to DNR Bureau: ☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment ☐ Waste Management ☐ Other:

1. ~~Well~~ Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE	N/A	N/A

Latitude / Longitude (see instructions)	Format Code	Method Code
42° 54.9273' N	☐ DD	☐ GPS008
87° 52.2883' W	☒ DDM	☒ SCR002
		☐ OTH001

¼ / ¼	¼	Section	Township	Range
SE	SE	3	5 N	22 ☒ E ☐ W

or Gov't Lot #

~~Well~~ Street Address: BOREHOLE 1500 E RAWSON AVENUE

~~Well~~ City, Village or Town: BOREHOLE CITY OF SOUTH MILWAUKEE — Well ZIP Code: 53172

Subdivision Name: N/A — Lot #: N/A

Reason for Removal from Service: SOIL BORING EXPLORATION — WI Unique Well # of Replacement Well: N/A

2. Facility / Owner Information

Facility Name: LENNY'S SERVICE CENTER

Facility ID (FID or PWS): 241525680

License/Permit/Monitoring #: P-39

Original ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Present ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Mailing Address of Present Owner: 623 MARQUETTE AVENUE

City of Present Owner: SOUTH MILWAUKEE — State: WI — ZIP Code: 53172

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole ~~/ Drillhole~~

Original Construction Date (mm/dd/yyyy): 08/24/2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): VIBRATORY HAMMER

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total ~~Well~~ Depth From Ground Surface (ft.)	Casing Diameter (in.)
BOREHOLE 12	N/A
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2.0	N/A

Was well annular space grouted? N/A ☐ Yes ☐ No ☐ Unknown

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

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

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ 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
☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

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

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	12	1/5 OF 50LB SACK	N/A

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
MICHAEL GOY	N/A	08/24/2019

Street or Route	Telephone Number	Comments
W236S5572 MAPLE HILL DR.	(414) 412-4697	

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
WAUKESHA	WI	53189		09/06/2019

DNR Use Only

Date Received	Noted By

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

~~Well / Drillhole~~ / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, 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**
BOREHOLE

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. ~~Well~~ Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE	N/A	N/A

Latitude / Longitude (see instructions)	Format Code	Method Code
42° 54.9273' N	☐ DD	☐ GPS008
87° 52.2883' W	☒ DDM	☒ SCR002
		☐ OTH001

¼ / ¼	¼	Section	Township	Range	or Gov't Lot #
SE	SE	3	5 N	22 ☒ E ☐ W	

~~Well~~ Street Address: BOREHOLE 1500 E RAWSON AVENUE

~~Well~~ City, Village or Town: BOREHOLE CITY OF SOUTH MILWAUKEE

Well ZIP Code: 53172

Subdivision Name: N/A

Lot #: N/A

Reason for Removal from Service: SOIL BORING EXPLORATION

WI Unique Well # of Replacement Well: N/A

2. Facility / Owner Information

Facility Name: LENNY'S SERVICE CENTER

Facility ID (FID or PWS): 241525680

License/Permit/Monitoring #: P-40

Original ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Present ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Mailing Address of Present Owner: 623 MARQUETTE AVENUE

City of Present Owner	State	ZIP Code
SOUTH MILWAUKEE	WI	53172

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole ~~/ Drillhole~~

Original Construction Date (mm/dd/yyyy): 08/24/2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): VIBRATORY HAMMER

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total ~~Well~~ Depth From Ground Surface (ft.)	Casing Diameter (in.)
BOREHOLE 12	N/A
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2.0	N/A

Was well annular space grouted? N/A ☐ Yes ☐ No ☐ Unknown

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

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

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ 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
☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

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

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	12	1/5 OF 50LB SACK	N/A

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
MICHAEL GOY	N/A	08/24/2019

Street or Route	Telephone Number	City	State	ZIP Code
W236S5572 MAPLE HILL DR.	(414) 412-4697	WAUKESHA	WI	53189

Signature of Person Doing Work

Date Signed: 09/06/2019

DNR Use Only

Date Received	Noted By

Comments

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

~~Well / Drillhole~~ / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, 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**
BOREHOLE

Route to DNR Bureau: ☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment ☐ Waste Management ☐ Other:

1. ~~Well~~ Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE	N/A	N/A

Latitude / Longitude (see instructions)	Format Code	Method Code
42° 54.9273' N	☐ DD	☐ GPS008
87° 52.2883' W	☒ DDM	☒ SCR002
		☐ OTH001

¼ / ¼	¼	Section	Township	Range	or Gov't Lot #
SE	SE	3	5 N	22 ☒ E ☐ W	

~~Well~~ Street Address: BOREHOLE 1500 E RAWSON AVENUE

~~Well~~ City, Village or Town: BOREHOLE CITY OF SOUTH MILWAUKEE

Well ZIP Code: 53172

Subdivision Name: N/A

Lot #: N/A

Reason for Removal from Service: SOIL BORING EXPLORATION

WI Unique Well # of Replacement Well: N/A

2. Facility / Owner Information

Facility Name: LENNY'S SERVICE CENTER

Facility ID (FID or PWS): 241525680

License/Permit/Monitoring #: P-41

Original ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Present ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Mailing Address of Present Owner: 623 MARQUETTE AVENUE

City of Present Owner	State	ZIP Code
SOUTH MILWAUKEE	WI	53172

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole ~~/ Drillhole~~

Original Construction Date (mm/dd/yyyy): 08/24/2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): VIBRATORY HAMMER

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total ~~Well~~ Depth From Ground Surface (ft.)	Casing Diameter (in.)
BOREHOLE 12	N/A

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
2.0	N/A

Was well annular space grouted? N/A ☐ Yes ☐ No ☐ Unknown

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

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

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ 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
☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

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

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	12	1/5 OF 50LB SACK	N/A

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
MICHAEL GOY	N/A	08/24/2019

Street or Route	Telephone Number	City	State	ZIP Code
W236S5572 MAPLE HILL DR.	(414) 412-4697	WAUKESHA	WI	53189

Signature of Person Doing Work

Date Signed: 09/06/2019

DNR Use Only

Date Received	Noted By

Comments

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

~~Well / Drillhole~~ / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, 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**
BOREHOLE

Route to DNR Bureau: ☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment ☐ Waste Management ☐ Other:

1. ~~Well~~ Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE	N/A	N/A

Latitude / Longitude (see instructions)	Format Code	Method Code
42° 54.9273' N 87° 52.2883' W	☐ DD ☒ DDM	☐ GPS008 ☒ SCR002 ☐ OTH001

¼ / ¼	¼	Section	Township	Range
SE	SE	3	5 N	22 ☒ E ☐ W

or Gov't Lot #

~~Well~~ Street Address: BOREHOLE 1500 E RAWSON AVENUE

~~Well~~ City, Village or Town: BOREHOLE CITY OF SOUTH MILWAUKEE — Well ZIP Code: 53172

Subdivision Name: N/A — Lot #: N/A

Reason for Removal from Service: SOIL BORING EXPLORATION — WI Unique Well # of Replacement Well: N/A

2. Facility / Owner Information

Facility Name: LENNY'S SERVICE CENTER

Facility ID (FID or PWS): 241525680

License/Permit/Monitoring #: P-42

Original ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Present ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Mailing Address of Present Owner: 623 MARQUETTE AVENUE

City of Present Owner	State	ZIP Code
SOUTH MILWAUKEE	WI	53172

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole ~~/ Drillhole~~

Original Construction Date (mm/dd/yyyy): 08/24/2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): VIBRATORY HAMMER

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total ~~Well~~ Depth From Ground Surface (ft.)	Casing Diameter (in.)
BOREHOLE 12	N/A

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
2.0	N/A

Was well annular space grouted? N/A ☐ Yes ☐ No ☐ Unknown

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

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

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ 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
☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

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

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	12	1/5 OF 50LB SACK	N/A

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
MICHAEL GOY	N/A	08/24/2019

Street or Route	Telephone Number
W236S5572 MAPLE HILL DR.	(414) 412-4697

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
WAUKESHA	WI	53189		09/06/2019

DNR Use Only

Date Received	Noted By

Comments:

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

~~Well / Drillhole~~ / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, 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**
BOREHOLE

Route to DNR Bureau: ☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment ☐ Waste Management ☐ Other:

1. Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE	N/A	N/A

Latitude / Longitude (see instructions)	Format Code	Method Code
42° 54.9273' N	☐ DD	☐ GPS008
87° 52.2883' W	☒ DDM	☒ SCR002 ☐ OTH001

¼ / ¼	¼	Section	Township	Range
SE	SE	3	5 N	22 ☒ E ☐ W

or Gov't Lot #

~~Well~~ Street Address: BOREHOLE 1500 E RAWSON AVENUE

~~Well~~ City, Village or Town: BOREHOLE CITY OF SOUTH MILWAUKEE

Well ZIP Code: 53172

Subdivision Name: N/A

Lot #: N/A

Reason for Removal from Service: SOIL BORING EXPLORATION

WI Unique Well # of Replacement Well: N/A

2. Facility / Owner Information

Facility Name: LENNY'S SERVICE CENTER

Facility ID (FID or PWS): 241525680

License/Permit/Monitoring #: P-43

Original ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Present ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Mailing Address of Present Owner: 623 MARQUETTE AVENUE

City of Present Owner	State	ZIP Code
SOUTH MILWAUKEE	WI	53172

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole ~~/ Drillhole~~

Original Construction Date (mm/dd/yyyy): 08/24/2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): VIBRATORY HAMMER

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total ~~Well~~ Depth From Ground Surface (ft.)	Casing Diameter (in.)
BOREHOLE 12	N/A

Lower Drillhole Diameter (in.)	Casing Depth (ft.)
2.0	N/A

Was well annular space grouted? N/A ☐ Yes ☐ No ☐ Unknown

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

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

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ 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
☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

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

5. Material Used to Fill Well / Drillhole

From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	12	1/5 OF 50LB SACK	N/A

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
MICHAEL GOY	N/A	08/24/2019

Street or Route	Telephone Number	City	State	ZIP Code
W236S5572 MAPLE HILL DR.	(414) 412-4697	WAUKESHA	WI	53189

Signature of Person Doing Work

Date Signed: 09/06/2019

DNR Use Only

Date Received	Noted By

Comments

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

~~Well / Drillhole~~ / Borehole Filling & Sealing Report

Form 3300-005 (R 4/2015)

Notice: Completion of this report is required by chs. 160, 281, 283, 289, 291-293, 295, and 299, Wis. Stats., and chs. NR 141 and 812, 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**
BOREHOLE

Route to DNR Bureau:
☐ Drinking Water ☐ Watershed/Wastewater ☒ Remediation/Redevelopment
☐ Waste Management ☐ Other:

1. ~~Well~~ Location Information

County	WI Unique Well # of Removed Well	Hicap #
MILWAUKEE	N/A	N/A

Latitude / Longitude (see instructions)	Format Code	Method Code
42° 54.9273' N	☐ DD	☐ GPS008
87° 52.2883' W	☒ DDM	☒ SCR002
		☐ OTH001

¼ / ¼	¼	Section	Township	Range
SE	SE	3	5 N	22 ☒ E ☐ W
or Gov't Lot #				

~~Well~~ Street Address
BOREHOLE 1500 E RAWSON AVENUE

~~Well~~ City, Village or Town
BOREHOLE CITY OF SOUTH MILWAUKEE

Well ZIP Code: 53172

Subdivision Name: N/A

Lot #: N/A

Reason for Removal from Service: SOIL BORING EXPLORATION

WI Unique Well # of Replacement Well: N/A

2. Facility / Owner Information

Facility Name: LENNY'S SERVICE CENTER

Facility ID (FID or PWS): 241525680

License/Permit/Monitoring #: P-44

Original ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Present ~~Well~~ Owner: BOREHOLE LENNY'S SERVICE CENTER

Mailing Address of Present Owner: 623 MARQUETTE AVENUE

City of Present Owner	State	ZIP Code
SOUTH MILWAUKEE	WI	53172

3. Filled & Sealed Well / Drillhole / Borehole Information

☐ Monitoring Well
☐ Water Well
☒ Borehole ~~/ Drillhole~~

Original Construction Date (mm/dd/yyyy): 08/24/2019

If a Well Construction Report is available, please attach.

Construction Type:
☐ Drilled ☐ Driven (Sandpoint) ☐ Dug
☒ Other (specify): VIBRATORY HAMMER

Formation Type:
☒ Unconsolidated Formation ☐ Bedrock

Total ~~Well~~ Depth From Ground Surface (ft.)	Casing Diameter (in.)
BOREHOLE 12	N/A
Lower Drillhole Diameter (in.)	**Casing Depth (ft.)**
2.0	N/A

Was well annular space grouted? N/A ☐ Yes ☐ No ☐ Unknown

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

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

Pump and piping removed?	☐ Yes	☐ No	☒ N/A
Liner(s) removed?	☐ Yes	☐ No	☒ N/A
Liner(s) perforated?	☐ Yes	☐ No	☒ N/A
Screen removed?	☐ Yes	☐ No	☒ N/A
Casing left in place?	☐ Yes	☐ No	☒ N/A
Was casing cut off below surface?	☐ Yes	☐ No	☒ N/A
Did sealing material rise to surface?	☒ Yes	☐ No	☐ N/A
Did material settle after 24 hours?	☐ Yes	☒ 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
☒ Conductor Pipe-Gravity ☐ Conductor Pipe-Pumped
☐ Screened & Poured (Bentonite Chips) ☐ Other (Explain):

Sealing Materials
☐ Neat Cement Grout ☐ Concrete
☐ Sand-Cement (Concrete) Grout ☐ Bentonite Chips

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

5. Material Used to Fill Well / Drillhole

	From (ft.)	To (ft.)	No. Yards, Sacks Sealant or Volume (circle one)	Mix Ratio or Mud Weight
GRANULAR BENTONITE	Surface	12	1/5 OF 50LB SACK	N/A

6. Comments

7. Supervision of Work

Name of Person or Firm Doing Filling & Sealing	License #	Date of Filling & Sealing or Verification (mm/dd/yyyy)
MICHAEL GOY	N/A	08/24/2019

Street or Route	Telephone Number
W236S5572 MAPLE HILL DR.	(414) 412-4697

City	State	ZIP Code	Signature of Person Doing Work	Date Signed
WAUKESHA	WI	53189		09/06/2019

DNR Use Only

Date Received	Noted By

Comments: