October 21, 2013

Mr. Tom Hutchings
City of Flint Water Pollution
Water Pollution Control Facilities
G4652 Beecher Rd.
Flint, MI, 48532

RE: ***Discharge Permit Submittal–July 2013 through September 2013***
Permit No.: 6-08-04-04-GML1

FILE: 15388/50137/Docs

Dear Mr. Hutchings:

In accordance with requirements of the above referenced discharge permit, we are providing you with the following discharge information for the period July 1, 2013 to September 30, 2013 for the Coldwater Road Landfill facility, located at 6220 Horton Avenue, Flint, Michigan.

- Periodic Report on Continued Compliance, certification
- Periodic Report on Continued Compliance (Table 1)
- Daily Discharge Summary Table (Table 2)
- Analytical Reports provided by Merit Laboratories, Inc. for samples from the on-site, above ground collection tank collected on September 4, 2013
- Copy of Chain-of-Custody forms.

The laboratory analytical results indicate concentrations were below the Sewer Use Permit limits for the parameters analyzed for the water discharged to the POTW during the discharge period.

Please call me at 248-477-5701 x16 if you have any questions.

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.

Clifford S. Yantz
Scientist-3

cc: Mr. Kevin Forbes – Beecher Metropolitan District, Flint, MI
Mr. Grant Trigger – RACER Trust
Mr. David Favero – RACER Trust
Mr. Kevin Schneider – O'Brien & Gere

City of Flint
Industrial Pretreatment Program

Periodic Report on Continued Compliance

Company Name: RACER Trust, Coldwater Road
Street Address: 6220 Horton Avenue, Flint, Michigan
Permit Number: 6-08-04-04-GML1
Outfall Number: 001

Reporting Period: July 1, 2013 through September 30, 2013

Average Volume of Daily Discharge (during reporting period): 2,152 gallons. (2 days)

Complete the following:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Name of Authorized Representative: Clifford Yantz

Title of Authorized Representative: Technical Associate, O'Brien & Gere Engineers, Inc. As agent for the RACER Trust

Signature of Authorized Representative: Clifford Scott Yantz

Date Signed by Authorized Representative: 10/21/13

If required to implement a Toxic Organics Management Plan (TOMP), complete the following:

"Based on my inquiry of the person or persons directly responsible for managing compliance with the pretreatment standard for total toxic organics (TTO), I certify that, to the best of my knowledge and belief, no dumping of concentrated toxic organics into the wastewaters has occurred since filing of the last Periodic Report on Continued Compliance. I further certify that, this facility is implementing the toxic organic management plan submitted to the control authority."

Name of Authorized Representative: N/A

Title of Authorized Representative: N/A

Signature of Authorized Representative: N/A

Date Signed by Authorized Representative: N/A

Table 1
Coldwater Road Landfill
City of Flint Sewer User Self-Monitoring Report
Third Quarter - 2013
6-08-04-04-GML1

City of Flint Sewer User Self-Monitoring Report Coldwater Road Facility												
Analytical Parameter	**Ammonia-N**	**QL***	**BOD**	**QL***	**HEM**	**QL***	**pH**	**QL***	**TP**	**QL***	**TSS**	**QL***
Units	mg/L		mg/L		mg/L		SU		mg/L		mg/L	
Sampling Frequency	Sample one (1) batch of accumulated wastewater prior to discharge, once every three (3) months.		Sample one (1) batch of accumulated wastewater prior to discharge, once every three (3) months.		Sample one (1) batch of accumulated wastewater prior to discharge, once every three (3) months.		Sample one (1) batch of accumulated wastewater prior to discharge, once every three (3) months.		Sample one (1) batch of accumulated wastewater prior to discharge, once every three (3) months.		Sample one (1) batch of accumulated wastewater prior to discharge, once every three (3) months.	
Daily Maximum Limit	**37**		**427**		**100**		*N/A*		**7**		**305**	
Maximum Limit	*N/A*		*N/A*		*N/A*		**10.5**		*N/A*		*N/A*	
Minimum Limit	*N/A*		*N/A*		*N/A*		**6.0**		*N/A*		*N/A*	
Monthly Average Limit	*N/A*		*N/A*		*N/A*		*N/A*		*N/A*		*N/A*	
Test Result	**2.6**	**0.005**	**7**	**1**	**3**	**1**	**7.30**	**0.01**	**0.05**	**0.01**	**95**	**1**
Test Method	4500-NH3 D		10360		1664A		4500-H+ B		4500-PE		2540 D	
Test Date	06-Sep-13		05-Sep-13		10-Sep-13		04-Sep-13		04-Sep-13		10-Sep-13	
Sample Date	04-Sep-13		04-Sep-13		04-Sep-13		04-Sep-13		04-Sep-13		04-Sep-13	
Sample Type	wastewater		wastewater		wastewater		wastewater		wastewater		wastewater	
Test Result												
Test Method												
Test Date												
Sample Date												
Sample Type												
Test Result												
Test Method												
Test Date												
Sample Date												
Sample Type												
Test Result												
Test Method												
Test Date												
Sample Date												
Sample Type												
Average Daily Conc.	2.600		7.000		3.000		7.300		0.050		95.000	
Monthly Average Conc.	*N/A*		*N/A*		*N/A*		*N/A*		*N/A*		*N/A*	
No. of Samples	1		1		1		1		1		1	
Number of Limit Exceedances	**0**		**0**		**0**		**0**		**0**		**0**	

Notes: * Quantification Level: The lowest level at which the test result is reported by the analytical laboratory as a quanitative numerical value, below which test results are reported as "less than" (<) that value.

E1 = Limit Exceedance; **E2** = Sample Expired

Table 1
Coldwater Road Landfill
City of Flint Sewer User Self-Monitoring Report
Third Quarter - 2013
6-08-04-04-GML1

City of Flint Sewer User Self-Monitoring Report
Coldwater Road Facility

Analytical Parameter	Arsenic	QL*	Chromiun	QL*	Copper	QL*	Mercury	QL*	Nickel	QL*	Zinc	QL*	Amenable Cyanide	QL*
Units	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
Sampling Frequency	Sample one (1) batch of accumulated wastewater prior to discharge, once every three (3) months.		Sample one (1) batch of accumulated wastewater prior to discharge, once every three (3) months.		Sample one (1) batch of accumulated wastewater prior to discharge, once every three (3) months.		Sample one (1) batch of accumulated wastewater prior to discharge, once every three (3) months.		Sample one (1) batch of accumulated wastewater prior to discharge, once every three (3) months.		Sample one (1) batch of accumulated wastewater prior to discharge, once every three (3) months.		Sample one (1) batch of accumulated wastewater prior to discharge, once every three (3) months.	
Daily Maximum Limit	**0.048**		**0.319**		**3.12**		**0.000012**		**0.795**		**0.445**		*N/A*	
Maximum Limit	*N/A*		*N/A*		*N/A*		*N/A*		*N/A*		*N/A*		**0.087**	
Minimum Limit	*N/A*		*N/A*		*N/A*		*N/A*		*N/A*		*N/A*		*N/A*	
Monthly Average Limit	*N/A*		*N/A*		*N/A*		*N/A*		*N/A*		*N/A*		*N/A*	
Test Result	**0.008**	**0.002**	**0.047**	**0.005**	**0.575**	**0.004**	**0.000**	**0.00020**	**0.144**	**0.005**	**0.034**	**0.005**	**0.000**	**0.005**
Test Method	200.8		200.8		200.8		245.1		200.8		200.8		335.4/4500-CN-G	
Test Date	17-Sep-13		17-Sep-13		17-Sep-13		05-Sep-13		17-Sep-13		17-Sep-13		06-Sep-13	
Sample Date	04-Sep-13		04-Sep-13		04-Sep-13		04-Sep-13		04-Sep-13		04-Sep-13		04-Sep-13	
Sample Type	wastewater		wastewater		wastewater		wastewater		wastewater		wastewater		wastewater	
Test Result														
Test Method														
Test Date														
Sample Date														
Sample Type														
Test Result														
Test Method														
Test Date														
Sample Date														
Sample Type														
Test Result														
Test Method														
Test Date														
Sample Date														
Sample Type														
Average Daily Conc.	0.008		0.047		0.575		0.000		0.144		0.034		0.000	
Monthly Average Conc.	*N/A*		*N/A*		*N/A*		*N/A*		*N/A*		*N/A*		*N/A*	
No. of Samples	1		1		1		1		1		1		1	
Number of Limit Exceedances	**0**		**0**		**0**		**0**		**0**		**0**		**0**	

Notes: * Quantification Level: The lowest level at which the test result is reported by the analytical laboratory as a quanitative numerical value, below which test results are reported as "less than" (<) that value.

E1 = Limit Exceedance; **E2** = Sample Expired

Table 2
Coldwater Road Landfill
Daily Discharge Summary Table
Third Quarter - 2013
6-08-04-04-GML1

Date	Beginning Flow Meter Reading	End Flow Meter Reading	Gallons Discharged	Begin Time of Discharge	End Time of Discharge	Average Flow (gal/min)	Temperature at Discharge (C)	(F)	pH
9/12/2013	481,701	484,471	**2,770**	13:20	15:20	23.1	24.6	76.3	6.80
9/13/2013	484,471	486,005	**1,534**	8:30	9:45	20.5	25.0	77.0	7.27

Total Discharge Volume: **4,304**
Average Volume per Discharge: **2,152**

NOTES :

Analytical Laboratory Report

Supplemental Report

Report ID: S57917.01(02)
Generated on 09/17/2013
Replaces report S57917.01(01) generated on 09/11/2013

Report to

Attention: Clifford Yantz
O'Brien & Gere Engineers, Inc.
37000 Grand River Ave.
Suite 260
Farmington, MI 48335

Phone: 248-477-5701 FAX:
Email: Clifford.Yantz@obg.com

Addtional Contacts: Kevin Schneider

Report produced by

Merit Laboratories, Inc.
2680 East Lansing Drive
East Lansing, MI 48823

Phone: (517) 332-0167 FAX: (517) 332-6333

Contacts for report questions:
Tabitha Faust (tfaust@meritlabs.com)
Barbara Ball (bball@meritlabs.com)

Report Summary

Lab Sample ID(s): S57917.01
Project: Coldwater Rd Landfill
Collected Date: 09/04/2013
Submitted Date/Time: 09/04/2013 14:15
Sampled by: Kevin Schneider
P.O. #: 11311200

All analyses complete

Report Notes

Results relate only to items tested as received by the laboratory.
Methods may be modified for improved performance.
Results reported on a dry weight basis where applicable.
'Not detected' indicates that parameter was not found at a level equal to or greater than the reporting limit (RL).
Samples are held by the lab for 30 days from the final report date unless a written request to hold longer is provided by the client.
Report shall not be reproduced except in full, without the written approval of Merit Laboratories, Inc..

Laboratory Certifications:
Michigan DNRE (#9956), DOD/ISO 17025 (#69699), WBENC (#2005110032), Ohio EPA (#CL0002)
IN Drinking Water (#C-MI-07), NELAC NY (#11814), NCDENR (#680), NC Drinking Water (#26702)
Some analytes reported may not be certified. Full certification lists are available upon request.

Violetta F. Murshak

Violetta F. Murshak
Laboratory Director

Sample Summary (1 samples)

Sample ID	Sample Tag	Matrix	Collected Date/Time
S57917.01	03-PRCC-13	Wastewater	09/04/2013 10:20

Analytical Laboratory Report

Supplemental Report

Lab Sample ID: S57917.01
Sample Tag: 03-PRCC-13
Collected Date/Time: 09/04/2013 10:20
Matrix: Wastewater
COC Reference: 64367

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	None	Yes	5.5	IR
1	250ml Plastic	H2SO4	Yes	5.5	IR
1	125ml Plastic	NaOH	Yes	5.5	IR
1	125ml Plastic	HNO3	Yes	5.5	IR
1	32oz Glass	HCL	Yes	5.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Mercury Digestion	Completed			E245.1	09/05/13 12:00	CCM		
Metal Digestion	Completed			3015A	09/16/13 11:00	JRH		
Inorganics								
Amenable Cyanide	Not detected	mg/L	0.005	335.4/4500-CN-G	09/06/13 19:05	JDP	57-12-5AM	1
Ammonia-N (Undistilled)	2.6	mg/L	0.1	4500-NH3 D	09/05/13 18:54	MJC	7664-41-7	
Field pH	7.30	STD Units	0.01	4500-H+ B	09/04/13 10:20	OBG		
Field Temperature	80	oF	1	2550 B	09/04/13 10:20	OBG		
Oil & Grease n-Hexane Extract.	3	mg/L	1	1664A	09/10/13 17:08	RGS		
TBOD5 - Set	Completed	mg/L		10360	09/05/13 09:45	ASB		
TBOD5	7	mg/L	1	10360	09/10/13 10:10	ASB		
Total Phosphorus	0.05	mg/L	0.01	4500-PE	09/04/13 19:54	MJC	7723-14-0	
Total Suspended Solids	95	mg/L	1	2540 D	09/10/13 17:00	ASB		
Metals								
Arsenic	0.008	mg/L	0.002	E200.8	09/17/13 13:06	JRH	7440-38-2	
Chromium	0.047	mg/L	0.005	E200.8	09/17/13 13:06	JRH	7440-47-3	
Copper	0.575	mg/L	0.004	E200.8	09/17/13 13:06	JRH	7440-50-8	
Mercury	Not detected	mg/L	0.0002	E245.1	09/05/13 15:52	CCM	7439-97-6	
Nickel	0.144	mg/L	0.005	E200.8	09/17/13 13:06	JRH	7440-02-0	
Zinc	0.034	mg/L	0.005	E200.8	09/17/13 13:06	JRH	7440-66-6	

1-* Total CN- = < 0.005 mg/L

Merit Laboratories, Inc.

2680 East Lansing Dr., East Lansing, MI 48823
Phone (517) 332-0167 Fax (517) 332-6333
www.meritlabs.com

C.O.C. PAGE # 1 OF 1

64367

CHAIN OF CUSTODY RECORD

REPORT TO

CONTACT NAME	Cliff Yantz / Kevin Schneider
COMPANY	O'Brien & Gere
ADDRESS	37000 Grand River Ave ste 260
CITY	Farmington Hills
STATE	MI
ZIP CODE	48335
PHONE NO.	248-477-5701
FAX NO.	
P.O. NO.	
E-MAIL ADDRESS	clifford.yantz@obg.com
QUOTE NO.	

INVOICE TO

CONTACT NAME	
☒ SAME	
COMPANY	
ADDRESS	
CITY	
STATE	
ZIP CODE	
PHONE NO.	
FAX NO.	
P.O. NO.	

PROJECT NO./NAME	Coldwater Rd Landfill
SAMPLER(S) - PLEASE PRINT/SIGN NAME	Kevin Schneider

TURNAROUND TIME REQUIRED ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD ☐ OTHER

DELIVERABLES REQUIRED ☐ STANDARD ☒ LEVEL II ☐ LEVEL III ☐ OTHER

MATRIX CODE: GW=GROUNDWATER WW=WASTEWATER S=SOIL L=LIQUID SD=SOLID SL=SLUDGE O=OIL A=AIR W=WASTE M=MISC

ANALYSIS (ATTACH LIST IF MORE SPACE REQUIRED)

SPECIAL INSTRUCTIONS/NOTES

Metals Are:
As, Cr, Cu, Hg, Ni, Zn
Analysis Per City of Flint Permit

Field pH: 7.30
Field Temp: 26.4 °C

MERIT LAB NO.	YEAR DATE	YEAR TIME	SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	# Containers & Preservatives: NONE	HCL	HNO_3	H_2SO_4	NaOH	MeOH	OTHER	Total Metals	Amenable Cyanide	BOD, TSS	Ammonia-Nitrogen	Total Phosphorous	FOG (Hex-Ext)
57917.01	9/4/13	1020	03-PRCC-13	WW	5	1	1	1	1	1			X	X	X	X	X	X

RELINQUISHED BY: SIGNATURE/ORGANIZATION	O'Brien & Gere	DATE 9/4/13	TIME 1045
RECEIVED BY: SIGNATURE/ORGANIZATION	Merit	DATE 9/4/13	TIME 1045
RELINQUISHED BY: SIGNATURE/ORGANIZATION		DATE	TIME
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE	TIME

RELINQUISHED BY: SIGNATURE/ORGANIZATION			DATE 9/4/13	TIME 1415	
RECEIVED BY: SIGNATURE/ORGANIZATION	Barbara Ball		DATE 9-4-13	TIME 12:15	
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS	NOTES:	TEMP. ON ARRIVAL 5.5	
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS			

PLEASE NOTE: SIGNING ACKNOWLEDGES ACCEPTANCE OF TERMS & CONDITIONS ON REVERSE SIDE

Quality Control Report

Report ID: QC-S57917.01(01)
Generated on 09/19/2013

Report to

Attention: Clifford Yantz
O'Brien & Gere Engineers, Inc.
37000 Grand River Ave.
Suite 260
Farmington, MI 48335

Phone: 248-477-5701 FAX:

Report Produced by

Merit Laboratories
2680 East Lansing Drive
East Lansing, MI 48823

Phone: (517) 332-0167 FAX: (517) 332-6333

Report Summary

Lab Sample ID(s): S57917.01
Project: Coldwater Rd Landfill
Submitted Date/Time: 09/04/2013 14:15
Sampled by: Kevin Schneider
P.O. #: 11311200

Report Sections

Report Flag Descriptions

*: QC result is outside of indicated control limits
W: Surrogate result not applicable due to sample dilution

Report Notes

Results relate only to items tested as received by the laboratory.
Methods may be modified for improved performance.
Results reported on a dry weight basis where applicable.
"Not detected" indicates that parameter was not found at a level equal to or greater than the RDL.

Laboratory Certifications:
Michigan DNRE (#9956), DOD/ISO 17025 (#69699), WBENC (#2005110032), Ohio EPA (#CL0002), IN Drinking Water (#C-MI-07), NELAC NY (#11814)
Some analytes reported may not be certified. Full certification lists are available upon request.

Barbara Ball
Quality Assurance Manager

QC Report - Analysis Summary

Lab Sample ID: S57917.01
Sample Tag: 03-PRCC-13
Collected Date/Time: 09/04/2013 10:20
Matrix: Wastewater
COC Reference: 64367

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Inorganics						
Amenable Cyanide	335.4/4500-CN-G	09/06/13 19:05	CN130906-W1	CN130906-W1	No	BLK/LCS/MS/MSD/DUP
Ammonia-N (Undistilled)	4500-NH3 D	09/05/13 18:54	AMN130905	AMN130905	No	BLK/LCS/MS/DUP
Oil & Grease n-Hexane Extract.	1664A	09/10/13 17:08	OGHEX130910W01	OGHEX130910W01	No	BLK/LCS
Total Phosphorus	4500-PE	09/04/13 19:54	PHS130904	PHS130904	No	BLK/LCS/MS/DUP
Total Suspended Solids	2540 D	09/10/13 17:00	TSS130910	TSS130910	No	BLK/LCS/DUP
Metals						
Arsenic	E200.8	09/17/13 13:06	MT3-13-0917A	MTD-091613-5	No	LCS/BLK/MS/MSD
Chromium	E200.8	09/17/13 13:06	MT3-13-0917A	MTD-091613-5	No	LCS/BLK/MS/MSD
Copper	E200.8	09/17/13 13:06	MT3-13-0917A	MTD-091613-5	No	LCS/BLK/MS/MSD
Mercury	E245.1	09/05/13 15:52	HG2-13-0905A	HGD-090513-1	No	LCS/BLK/MS/MSD
Nickel	E200.8	09/17/13 13:06	MT3-13-0917A	MTD-091613-5	No	LCS/BLK/MS/MSD
Zinc	E200.8	09/17/13 13:06	MT3-13-0917A	MTD-091613-5	No	LCS/BLK/MS/MSD

QC Report - Prep Batch Summary

Inorganics, Prep Batch ID: AMN130905

Surrogates: No, QC Types: BLK/LCS/MS/DUP

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S57917.01	Ammonia-N (Undistilled)	4500-NH3 D	09/05/13 18:54	AMN130905

Inorganics, Prep Batch ID: CN130906-W1

Surrogates: No, QC Types: BLK/LCS/MS/MSD/DUP

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S57917.01	Amenable Cyanide	335.4/4500-CN-G	09/06/13 19:05	CN130906-W1

Inorganics, Prep Batch ID: OGHEX130910W01

Surrogates: No, QC Types: BLK/LCS

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S57917.01	Oil & Grease n-Hexane Extract.	1664A	09/10/13 17:08	OGHEX130910W01

Inorganics, Prep Batch ID: PHS130904

Surrogates: No, QC Types: BLK/LCS/MS/DUP

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S57917.01	Total Phosphorus	4500-PE	09/04/13 19:54	PHS130904

Inorganics, Prep Batch ID: TSS130910

Surrogates: No, QC Types: BLK/LCS/DUP

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S57917.01	Total Suspended Solids	2540 D	09/10/13 17:00	TSS130910

Metals, Prep Batch ID: HGD-090513-1

Surrogates: No, QC Types: LCS/BLK/MS/MSD

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S57917.01	Mercury	E245.1	09/05/13 15:52	HG2-13-0905A

Metals, Prep Batch ID: MTD-091613-5

Surrogates: No, QC Types: LCS/BLK/MS/MSD

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S57917.01	Arsenic	E200.8	09/17/13 13:06	MT3-13-0917A
S57917.01	Chromium	E200.8	09/17/13 13:06	MT3-13-0917A
S57917.01	Copper	E200.8	09/17/13 13:06	MT3-13-0917A
S57917.01	Nickel	E200.8	09/17/13 13:06	MT3-13-0917A
S57917.01	Zinc	E200.8	09/17/13 13:06	MT3-13-0917A

Inorganics, Prep Batch ID: AMN130905

Surrogates: No, QC Types: BLK/LCS/MS/DUP

Blank (BLK)

Lab Sample ID: AMN130905.LRB1

Run in Batch: AMN130905, Run Date: 09/05/2013 11:47, Prep Date: 09/05/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**Conc**	RDL	Units
Ammonia-N (Undistilled)		**ND**	0.02	mg/L

Laboratory Control Sample (LCS)

Lab Sample ID: AMN130905.LCS1

Run in Batch: AMN130905, Run Date: 09/05/2013 12:19, Prep Date: 09/05/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Ammonia-N (Undistilled)		**103**	90	110

Matrix Spike (MS)

Lab Sample ID: AMN130905.MS1, Parent Sample ID: S57857.01

Run in Batch: AMN130905, Run Date: 09/05/2013 13:11, Prep Date: 09/05/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Ammonia-N (Undistilled)		**99**	80	120

Matrix Spike (MS)

Lab Sample ID: AMN130905.MS2, Parent Sample ID: S57870.01

Run in Batch: AMN130905, Run Date: 09/05/2013 14:35, Prep Date: 09/05/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Ammonia-N (Undistilled)		**101**	80	120

Matrix Spike (MS)

Lab Sample ID: AMN130905.MS3, Parent Sample ID: S57845.01

Run in Batch: AMN130905, Run Date: 09/05/2013 19:24, Prep Date: 09/05/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Ammonia-N (Undistilled)		**97**	80	120

Duplicate (DUP)

Lab Sample ID: AMN130905.DP1, Parent Sample ID: S57835.01

Run in Batch: AMN130905, Run Date: 09/05/2013 12:47, Prep Date: 09/05/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**RPD**	RPD CL
Ammonia-N (Undistilled)		**2.0**	20

Duplicate (DUP)

Lab Sample ID: AMN130905.DP2, Parent Sample ID: S57845.01

Run in Batch: AMN130905, Run Date: 09/05/2013 19:20, Prep Date: 09/05/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**RPD**	RPD CL
Ammonia-N (Undistilled)		**1.3**	20

Inorganics, Prep Batch ID: CN130906-W1

Surrogates: No, QC Types: BLK/LCS/MS/MSD/DUP

Blank (BLK)

Lab Sample ID: CN130906-W1.LRB1

Run in Batch: CN130906-W1, Run Date: 09/06/2013 18:45, Prep Date: 09/06/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**Conc**	RDL	Units
Amenable Cyanide		**ND**	0.005	mg/L

Blank (BLK)

Lab Sample ID: CN130906-W1.LRB2

Run in Batch: CN130906-W1, Run Date: 09/06/2013 23:10, Prep Date: 09/06/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**Conc**	RDL	Units
Amenable Cyanide		**ND**	0.005	mg/L

Laboratory Control Sample (LCS)

Lab Sample ID: CN130906-W1.LCS1

Run in Batch: CN130906-W1, Run Date: 09/06/2013 18:51, Prep Date: 09/06/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Amenable Cyanide		**97**	90	110

Matrix Spike (MS)

Lab Sample ID: CN130906-W1.MS1, Parent Sample ID: S57927.02

Run in Batch: CN130906-W1, Run Date: 09/06/2013 18:57, Prep Date: 09/06/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Amenable Cyanide		**92**	80	120

Matrix Spike (MS)

Lab Sample ID: CN130906-W1.MS2, Parent Sample ID: S57898.01

Run in Batch: CN130906-W1, Run Date: 09/06/2013 23:20, Prep Date: 09/06/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Amenable Cyanide		**88**	90	110

Matrix Spike Duplicate (MSD)

Lab Sample ID: CN130906-W1.MSD1, Parent Sample ID: CN130906-W1.MS1

Run in Batch: CN130906-W1, Run Date: 09/06/2013 18:59, Prep Date: 09/06/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL	**RPD**	RPD CL
Amenable Cyanide		**92**	80	120	**0**	15

Matrix Spike Duplicate (MSD)

Lab Sample ID: CN130906-W1.MSD2, Parent Sample ID: CN130906-W1.MS2

Run in Batch: CN130906-W1, Run Date: 09/06/2013 23:22, Prep Date: 09/06/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL	**RPD**	RPD CL
Amenable Cyanide		**90**	80	120	**2**	15

Duplicate (DUP)

Lab Sample ID: CN130906-W1.DP1, Parent Sample ID: S57927.02

Run in Batch: CN130906-W1, Run Date: 09/06/2013 18:55, Prep Date: 09/06/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**RPD**	RPD CL
Amenable Cyanide		**<1**	15

Inorganics, Prep Batch ID: CN130906-W1 (continued)

Surrogates: No, QC Types: BLK/LCS/MS/MSD/DUP

Duplicate (DUP)

Lab Sample ID: CN130906-W1.DP2, Parent Sample ID: S57898.01

Run in Batch: CN130906-W1, Run Date: 09/06/2013 23:18, Prep Date: 09/06/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**RPD**	RPD CL
Amenable Cyanide		**<1**	15

Inorganics, Prep Batch ID: OGHEX130910W01

Surrogates: No, QC Types: BLK/LCS

Blank (BLK)

Lab Sample ID: OGHEX130910W01.LRB1

Run in Batch: OGHEX130910W01, Run Date: 09/10/2013 17:09, Prep Date: 09/10/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**Conc**	RDL	Units
Oil & Grease n-Hexane Extract.		**ND**	1	mg/L

Laboratory Control Sample (LCS)

Lab Sample ID: OGHEX130910W01.LCS1

Run in Batch: OGHEX130910W01, Run Date: 09/10/2013 17:09, Prep Date: 09/10/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Oil & Grease n-Hexane Extract.		**88**	78	114

Laboratory Control Sample (LCS)

Lab Sample ID: OGHEX130910W01.LCS2

Run in Batch: OGHEX130910W01, Run Date: 09/10/2013 17:09, Prep Date: 09/10/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Oil & Grease n-Hexane Extract.		**90**	78	114

Inorganics, Prep Batch ID: PHS130904

Surrogates: No, QC Types: BLK/LCS/MS/DUP

Blank (BLK)

Lab Sample ID: PHS130904.LRB1

Run in Batch: PHS130904, Run Date: 09/04/2013 12:28, Prep Date: 09/04/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**Conc**	RDL	Units
Total Phosphorus		**ND**	0.01	mg/L

Blank (BLK)

Lab Sample ID: PHS130904.LRB2

Run in Batch: PHS130904, Run Date: 09/04/2013 12:34, Prep Date: 09/04/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**Conc**	RDL	Units
Total Phosphorus		**ND**	0.01	mg/L

Laboratory Control Sample (LCS)

Lab Sample ID: PHS130904.LCS1

Run in Batch: PHS130904, Run Date: 09/04/2013 13:23, Prep Date: 09/04/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Total Phosphorus		**97**	90	110

Matrix Spike (MS)

Lab Sample ID: PHS130904.MS1, Parent Sample ID: S57888.03

Run in Batch: PHS130904, Run Date: 09/04/2013 19:57, Prep Date: 09/04/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Total Phosphorus		**106**	80	120

Matrix Spike (MS)

Lab Sample ID: PHS130904.MS2, Parent Sample ID: S57888.04

Run in Batch: PHS130904, Run Date: 09/04/2013 20:02, Prep Date: 09/04/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Total Phosphorus		**99**	80	120

Duplicate (DUP)

Lab Sample ID: PHS130904.DP1, Parent Sample ID: S57857.01

Run in Batch: PHS130904, Run Date: 09/04/2013 20:00, Prep Date: 09/04/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**RPD**	RPD CL
Total Phosphorus		**7.3**	20

Inorganics, Prep Batch ID: TSS130910

Surrogates: No, QC Types: BLK/LCS/DUP

Blank (BLK)

Lab Sample ID: TSS130910.LRB1

Run in Batch: TSS130910, Run Date: 09/10/2013 17:00, Prep Date: 09/10/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**Conc**	RDL	Units
Total Suspended Solids		**ND**	1	mg/L

Laboratory Control Sample (LCS)

Lab Sample ID: TSS130910.LCS1

Run in Batch: TSS130910, Run Date: 09/10/2013 17:00, Prep Date: 09/10/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Total Suspended Solids		**95**	74	117

Duplicate (DUP)

Lab Sample ID: TSS130910.DP1, Parent Sample ID: S57917.01

Run in Batch: TSS130910, Run Date: 09/10/2013 17:00, Prep Date: 09/10/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**RPD**	RPD CL
Total Suspended Solids		**2**	15

Metals, Prep Batch ID: HGD-090513-1

Surrogates: No, QC Types: LCS/BLK/MS/MSD

Laboratory Control Sample (LCS)

Lab Sample ID: HG2-13-0905A.016.LCS

Run in Batch: HG2-13-0905A, Run Date: 09/05/2013 15:34, Prep Date: 09/05/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Mercury		**102**	85	115

Blank (BLK)

Lab Sample ID: HG2-13-0905A.017.LRB

Run in Batch: HG2-13-0905A, Run Date: 09/05/2013 15:36, Prep Date: 09/05/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**Conc**	RDL	Units
Mercury		**ND**	0.03	ug/L

Matrix Spike (MS)

Lab Sample ID: HG2-13-0905A.027.MS, Parent Sample ID: S57911.03

Run in Batch: HG2-13-0905A, Run Date: 09/05/2013 15:56, Prep Date: 09/05/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Mercury		**98**	80	120

Matrix Spike Duplicate (MSD)

Lab Sample ID: HG2-13-0905A.028.MSD, Parent Sample ID: HG2-13-0905A.027.MS

Run in Batch: HG2-13-0905A, Run Date: 09/05/2013 15:58, Prep Date: 09/05/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL	**RPD**	RPD CL
Mercury		**98**	80	120	**0**	20

Metals, Prep Batch ID: MTD-091613-5

Surrogates: No, QC Types: LCS/BLK/MS/MSD

Laboratory Control Sample (LCS)

Lab Sample ID: MT3-13-0917A.017.LCS

Run in Batch: MT3-13-0917A, Run Date: 09/17/2013 12:49, Prep Date: 09/16/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
Arsenic		**107**	85	115
Chromium		**103**	85	115
Copper		**104**	85	115
Nickel		**100**	85	115
Zinc		**109**	85	115

Blank (BLK)

Lab Sample ID: MT3-13-0917A.019.LRB

Run in Batch: MT3-13-0917A, Run Date: 09/17/2013 12:56, Prep Date: 09/16/2013, Matrix: Liquid, Dilution: 1

Analyte	Flags	Conc	RDL	Units
Arsenic		**ND**	0.0004	mg/L
Chromium		**ND**	0.001	mg/L
Copper		**ND**	0.0008	mg/L
Nickel		**ND**	0.001	mg/L
Zinc		**ND**	0.001	mg/L

Matrix Spike (MS)

Lab Sample ID: MT3-13-0917A.031.MS, Parent Sample ID: S58031.02

Run in Batch: MT3-13-0917A, Run Date: 09/17/2013 13:36, Prep Date: 09/16/2013, Matrix: Liquid, Dilution: 5

Analyte	Flags	% Rec	LCL	UCL
Arsenic		**110**	75	125
Chromium		**110**	75	125
Copper		**105**	75	125
Nickel		**108**	75	125
Zinc		**106**	75	125

Matrix Spike Duplicate (MSD)

Lab Sample ID: MT3-13-0917A.032.MSD, Parent Sample ID: MT3-13-0917A.031.MS

Run in Batch: MT3-13-0917A, Run Date: 09/17/2013 13:39, Prep Date: 09/16/2013, Matrix: Liquid, Dilution: 5

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
Arsenic		**110**	75	125	**1**	20
Chromium		**113**	75	125	**2**	20
Copper		**107**	75	125	**2**	20
Nickel		**108**	75	125	**1**	20
Zinc		**108**	75	125	**1**	20

Merit Laboratories, Inc.

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www.meritlabs.com

C.O.C. PAGE # 1 OF 1

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CHAIN OF CUSTODY RECORD

REPORT TO

CONTACT NAME	Cliff Yantz / Kevin Schneider
COMPANY	O'Brien & Gere
ADDRESS	37000 Grand River Ave ste 260
CITY	Farmington Hills
STATE	MI
ZIP CODE	48335
PHONE NO.	248-477-5701
FAX NO.	
P.O. NO.	
E-MAIL ADDRESS	clifford.yantz@obg.com
QUOTE NO.	

INVOICE TO

CONTACT NAME	
☒ SAME	
COMPANY	
ADDRESS	
CITY	
STATE	
ZIP CODE	
PHONE NO.	
FAX NO.	
P.O. NO.	

PROJECT NO./NAME	Coldwater Rd Landfill
SAMPLER(S) - PLEASE PRINT/SIGN NAME	Kevin Schneider

TURNAROUND TIME REQUIRED ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ STANDARD ☐ OTHER

DELIVERABLES REQUIRED ☐ STANDARD ☒ LEVEL II ☐ LEVEL III ☐ OTHER

MATRIX CODE: GW=GROUNDWATER WW=WASTEWATER S=SOIL L=LIQUID SD=SOLID SL=SLUDGE O=OIL A=AIR W=WASTE M=MISC

ANALYSIS (ATTACH LIST IF MORE SPACE REQUIRED)

SPECIAL INSTRUCTIONS/NOTES

Metals Are:
As, Cr, Cu, Hg, Ni, Zn
Analysis Per City of Flint Permit

Field pH: 7.30
Field Temp: 26.4 °C

MERIT LAB NO.	YEAR DATE	YEAR TIME	SAMPLE TAG IDENTIFICATION-DESCRIPTION	MATRIX	# OF BOTTLES	# Containers & Preservatives: NONE	HCL	HNO_3	H_2SO_4	NaOH	MeOH	OTHER	Total Metals	Amenable Cyanide	BOD, TSS	Ammonia-Nitrogen	Total Phosphorous	FOG (Hex-Ext)
57917.01	9/4/13	1020	03-PRCC-13	WW	5	1	1	1	1	1			X	X	X	X	X	X

RELINQUISHED BY: SIGNATURE/ORGANIZATION	O'Brien & Gere	DATE 9/4/13	TIME 1045
RECEIVED BY: SIGNATURE/ORGANIZATION	Merit	DATE 9/4/13	TIME 1045
RELINQUISHED BY: SIGNATURE/ORGANIZATION		DATE	TIME
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE	TIME

RELINQUISHED BY: SIGNATURE/ORGANIZATION			DATE 9/4/13	TIME 1415	
RECEIVED BY: SIGNATURE/ORGANIZATION	Barbara Ball		DATE 9-4-13	TIME 12:15	
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS	NOTES:	TEMP. ON ARRIVAL 5.5	
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS			

PLEASE NOTE: SIGNING ACKNOWLEDGES ACCEPTANCE OF TERMS & CONDITIONS ON REVERSE SIDE

360° Engineering and Project Delivery Solutions

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