April 21, 2014

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

RE: ***Discharge Permit Submittal–January 2014 through March 2014***
Permit No.: 6-08-04-04-GML1

FILE: 15388/51440/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 January 1, 2014 to March 31, 2014 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
- 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: January 1, 2014 through March 31, 2014

Average Volume of Daily Discharge (during reporting period): 1,435 gallons.
(1 day)

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: Scientist-3, O'Brien & Gere Engineers, Inc.
As agent for the RACER Trust

Signature of Authorized Representative: _____

Date Signed by Authorized Representative: _____

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
First Quarter - 2014
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	**8.80**	**0.02**	**66**	**1**	**1**	**1**	**8.64**	**0.01**	**0.42**	**0.01**	**38**	**1**
Test Method	4500-NH3 D		10360		1664A		4500-H+ B		4500-PE		2540 D	
Test Date	13-Feb-14		18-Feb-13		18-Feb-14		13-Feb-14		18-Feb-14		17-Feb-14	
Sample Date	13-Feb-14		13-Feb-14		13-Feb-14		13-Feb-14		13-Feb-14		13-Feb-14	
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.	8.800		66.000		1.000		8.640		0.420		38.000	
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
First Quarter - 2014
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	**0.024**	**0.002**	**0.042**	**0.005**	**1.78**	**0.004**	**0.000**	**0.0002**	**0.415**	**0.005**	**0.017**	**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	26-Feb-14		26-Feb-14		26-Feb-14		14-Feb-14		26-Feb-14		26-Feb-14		19-Feb-14	
Sample Date	13-Feb-14		13-Feb-14		13-Feb-14		13-Feb-14		13-Feb-14		13-Feb-14		13-Feb-14	
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.	0.024		0.042		1.780		0.000		0.415		0.017		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
First Quarter - 2014
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
3/14/2014	488,091	489,526	**1,435**	12:00	13:10	20.5	8.6	47.5	7.76

Total Discharge Volume: **1,435**
Average Volume per Discharge: **1,435**

NOTES :

Analytical Laboratory Report

Report ID: S59997.01(01)
Generated on 02/26/2014

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:
Kevin George (kgeorge@meritlabs.com)
Barbara Ball (bball@meritlabs.com)

Report Summary

Lab Sample ID(s): S59997.01
Project: RACER Coldwater Rd Landfill
Collected Date: 02/13/2014
Submitted Date/Time: 02/13/2014 14:00
Sampled by: Kevin Schneider
P.O. #: 11311200

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.

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
Laboratory Director

Analytical Laboratory Report

Sample Summary (1 samples)

Sample ID	Sample Tag	Matrix	Collected Date/Time
S59997.01	O1-PRCC-14	Wastewater	02/13/2014 11:00

Analytical Laboratory Report

Lab Sample ID: S59997.01
Sample Tag: O1-PRCC-14
Collected Date/Time: 02/13/2014 11:00
Matrix: Wastewater
COC Reference: 82199

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	1L Plastic	None	Yes	4.7	IR
1	250ml Plastic	H2SO4	Yes	4.7	IR
1	125ml Plastic	HNO3	Yes	4.7	IR
1	125ml Plastic	NaOH	Yes	4.7	IR
1	32oz Glass	HCL	Yes	4.7	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Mercury Digestion	Completed			E245.1	02/14/14 11:29	CCM		
Metal Digestion	Completed			SW3015A	02/26/14 13:20	JRH		
Inorganics								
Amenable Cyanide	Not detected	mg/L	0.005	E335.4/SM4500-CN	02/19/14 13:22	JDP	57-12-5AM	1
Ammonia-N (Undistilled)	8.8	mg/L	0.2	SM4500-NH3 D	02/13/14 17:07	MJC	7664-41-7	
Oil & Grease n-Hexane Extract.	1	mg/L	1	E1664A	02/18/14 12:00	RGS		
TBOD5 - Set	Completed	mg/L		10360	02/13/14 16:15	ASB		
TBOD5	66	mg/L	1	10360	02/18/14 16:30	ASB		
Total Phosphorus	0.42	mg/L	0.05	SM4500-PE	02/18/14 16:11	MJC	7723-14-0	
Total Suspended Solids	38	mg/L	1	SM2540D	02/17/14 17:15	ASB		
Metals								
Arsenic	0.024	mg/L	0.002	E200.8	02/26/14 15:55	JRH	7440-38-2	
Chromium	0.042	mg/L	0.005	E200.8	02/26/14 15:55	JRH	7440-47-3	
Copper	1.78	mg/L	0.004	E200.8	02/26/14 15:55	JRH	7440-50-8	
Mercury	Not detected	mg/L	0.0002	E245.1	02/14/14 15:56	CCM	7439-97-6	
Nickel	0.415	mg/L	0.005	E200.8	02/26/14 15:55	JRH	7440-02-0	
Zinc	0.017	mg/L	0.005	E200.8	02/26/14 15:55	JRH	7440-66-6	

1-* Total CN- = 0.015 mg/L

Merit Laboratories, Inc.
2680 East Lansing Dr., East Lansing, MI 48823
Phone (517) 332-0167 Fax (517) 332-4034
www.meritlabs.com

C.O.C. PAGE # 1 OF 1

82199

CHAIN OF CUSTODY RECORD

REPORT TO

CONTACT NAME: Cliff Yantz / Kevin Schneider
COMPANY: O'Brien & Gere
ADDRESS: 37000 Grand River Ave ste 200
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. | E-MAIL ADDRESS

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

TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☒ STANDARD ☐ OTHER

DELIVERABLES REQUIRED ☐ STD ☒ LEVEL II ☐ LEVEL III ☐ LEVEL IV ☐ EDD ☐ OTHER

MATRIX CODE: GW=GROUNDWATER WW=WASTEWATER S=SOIL L=LIQUID SD=SOLID SL=SLUDGE DW=DRINKING WATER O=OIL WP=WIPE A=AIR W=WASTE

ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED)

Certifications
☐ OHIO VAP ☐ Drinking Water
☐ DoD ☐ NPDES

Project Locations
☐ Detroit ☐ New York
☐ Other

Special Instructions

MERIT LAB NO. (FOR LAB USE ONLY)	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 phosphorus	FOG (Hex-Ext)
59997.01	2/13/14	1100	01 - PRCC - 14	WW	5	1	1	1	1	1			X	X	X	X	X	X

Metals Are: As, Cr, Cu, Hg, Ni, Zn

Analysis per city of Flint permit

Field pH: 8.64

Field Temp: 8.3 °C

RELINQUISHED BY: SIGNATURE/ORGANIZATION	☒ Sampler O'Brien & Gere	DATE 2/13/14	TIME 1125	
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE 2-13-14	TIME 1125	
RELINQUISHED BY: SIGNATURE/ORGANIZATION		DATE	TIME	
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE	TIME	

RELINQUISHED BY: SIGNATURE/ORGANIZATION		DATE 2-13-14	TIME 1450	
RECEIVED BY: SIGNATURE/ORGANIZATION	Kevin George	DATE 2/13/14	TIME 1400	
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS	NOTES:	TEMP. ON ARRIVAL -.47
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS		

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE

Rev. 5.18.12

Quality Control Report

Report ID: QC-S59997.01(01)
Generated on 02/27/2014

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): S59997.01
Project: RACER Coldwater Rd Landfill
Submitted Date/Time: 02/13/2014 14:00
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: S59997.01
Sample Tag: O1-PRCC-14
Collected Date/Time: 02/13/2014 11:00
Matrix: Wastewater
COC Reference: 82199

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Inorganics						
Amenable Cyanide	E335.4/SM4500-CN	02/19/14 13:22	CN140219-W1	CN140219-W1	No	BLK/LCS/MS/MSD/DUP
Ammonia-N (Undistilled)	SM4500-NH3 D	02/13/14 17:07	AMN140213	AMN140213	No	BLK/LCS/MS/DUP
Oil & Grease n-Hexane Extract.	E1664A	02/18/14 12:00	OGHEX140218W01	OGHEX140218W01	No	BLK/LCS
Total Phosphorus	SM4500-PE	02/18/14 16:11	PHS140218	PHS140218	No	BLK/LCS/MS/DUP
Total Suspended Solids	SM2540D	02/17/14 17:15	TSS140217	TSS140217	No	BLK/LCS/DUP
Metals						
Arsenic	E200.8	02/26/14 15:55	MT3-14-0226A	MTD-022614-3	No	LCS/BLK/MS/MSD
Chromium	E200.8	02/26/14 15:55	MT3-14-0226A	MTD-022614-3	No	LCS/BLK/MS/MSD
Copper	E200.8	02/26/14 15:55	MT3-14-0226A	MTD-022614-3	No	LCS/BLK/MS/MSD
Mercury	E245.1	02/14/14 15:56	HG2-14-0214A	HGD-021414-1	No	LCS/BLK/MS/MSD
Nickel	E200.8	02/26/14 15:55	MT3-14-0226A	MTD-022614-3	No	LCS/BLK/MS/MSD
Zinc	E200.8	02/26/14 15:55	MT3-14-0226A	MTD-022614-3	No	LCS/BLK/MS/MSD

QC Report - Prep Batch Summary

Inorganics, Prep Batch ID: AMN140213

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

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S59997.01	Ammonia-N (Undistilled)	SM4500-NH3 D	02/13/14 17:07	AMN140213

Inorganics, Prep Batch ID: CN140219-W1

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

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S59997.01	Amenable Cyanide	E335.4/SM4500-CN	02/19/14 13:22	CN140219-W1

Inorganics, Prep Batch ID: OGHEX140218W01

Surrogates: No, QC Types: BLK/LCS

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S59997.01	Oil & Grease n-Hexane Extract.	E1664A	02/18/14 12:00	OGHEX140218W01

Inorganics, Prep Batch ID: PHS140218

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

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S59997.01	Total Phosphorus	SM4500-PE	02/18/14 16:11	PHS140218

Inorganics, Prep Batch ID: TSS140217

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

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S59997.01	Total Suspended Solids	SM2540D	02/17/14 17:15	TSS140217

Metals, Prep Batch ID: HGD-021414-1

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

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S59997.01	Mercury	E245.1	02/14/14 15:56	HG2-14-0214A

Metals, Prep Batch ID: MTD-022614-3

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

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S59997.01	Arsenic	E200.8	02/26/14 15:55	MT3-14-0226A
S59997.01	Chromium	E200.8	02/26/14 15:55	MT3-14-0226A
S59997.01	Copper	E200.8	02/26/14 15:55	MT3-14-0226A
S59997.01	Nickel	E200.8	02/26/14 15:55	MT3-14-0226A
S59997.01	Zinc	E200.8	02/26/14 15:55	MT3-14-0226A

Inorganics, Prep Batch ID: AMN140213

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

Blank (BLK)

Lab Sample ID: AMN140213.LRB1

Run in Batch: AMN140213, Run Date: 02/13/2014 11:14, Prep Date: 02/13/2014, Matrix: Liquid, Dilution: 1

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

Laboratory Control Sample (LCS)

Lab Sample ID: AMN140213.LCS1

Run in Batch: AMN140213, Run Date: 02/13/2014 12:15, Prep Date: 02/13/2014, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Ammonia-N (Undistilled)		**105**	90	110

Matrix Spike (MS)

Lab Sample ID: AMN140213.MS1, Parent Sample ID: S59988.01

Run in Batch: AMN140213, Run Date: 02/13/2014 13:27, Prep Date: 02/13/2014, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Ammonia-N (Undistilled)		**102**	80	120

Matrix Spike (MS)

Lab Sample ID: AMN140213.MS2, Parent Sample ID: S59964.08

Run in Batch: AMN140213, Run Date: 02/13/2014 19:26, Prep Date: 02/13/2014, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Ammonia-N (Undistilled)		**116**	80	120

Matrix Spike (MS)

Lab Sample ID: AMN140213.MS3, Parent Sample ID: S59964.09

Run in Batch: AMN140213, Run Date: 02/13/2014 19:40, Prep Date: 02/13/2014, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Ammonia-N (Undistilled)		**111**	80	120

Duplicate (DUP)

Lab Sample ID: AMN140213.DP1, Parent Sample ID: S59906.01

Run in Batch: AMN140213, Run Date: 02/13/2014 12:43, Prep Date: 02/13/2014, Matrix: Liquid, Dilution: 1

Analyte	Flags	**RPD**	RPD CL
Ammonia-N (Undistilled)		**3.2**	20

Duplicate (DUP)

Lab Sample ID: AMN140213.DP2, Parent Sample ID: S59964.05

Run in Batch: AMN140213, Run Date: 02/13/2014 18:27, Prep Date: 02/13/2014, Matrix: Liquid, Dilution: 1

Analyte	Flags	**RPD**	RPD CL
Ammonia-N (Undistilled)		**10.1**	20

Inorganics, Prep Batch ID: CN140219-W1

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

Blank (BLK)

Lab Sample ID: CN140219-W1.LRB1

Run in Batch: CN140219-W1, Run Date: 02/19/2014 13:00, Prep Date: 02/19/2014, Matrix: Liquid, Dilution: 1

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

Blank (BLK)

Lab Sample ID: CN140219-W1.LRB2

Run in Batch: CN140219-W1, Run Date: 02/19/2014 13:40, Prep Date: 02/19/2014, Matrix: Liquid, Dilution: 1

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

Laboratory Control Sample (LCS)

Lab Sample ID: CN140219-W1.LCS1

Run in Batch: CN140219-W1, Run Date: 02/19/2014 13:06, Prep Date: 02/19/2014, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Amenable Cyanide		**98**	90	110

Laboratory Control Sample (LCS)

Lab Sample ID: CN140219-W1.LCS2

Run in Batch: CN140219-W1, Run Date: 02/19/2014 13:44, Prep Date: 02/19/2014, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Amenable Cyanide		**95**	90	110

Matrix Spike (MS)

Lab Sample ID: CN140219-W1.MS1, Parent Sample ID: S59971.01

Run in Batch: CN140219-W1, Run Date: 02/19/2014 13:12, Prep Date: 02/19/2014, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Amenable Cyanide		**94**	80	120

Matrix Spike (MS)

Lab Sample ID: CN140219-W1.MS2, Parent Sample ID: S59997.01

Run in Batch: CN140219-W1, Run Date: 02/19/2014 13:50, Prep Date: 02/19/2014, Matrix: Liquid, Dilution: 1

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

Matrix Spike Duplicate (MSD)

Lab Sample ID: CN140219-W1.MSD1, Parent Sample ID: CN140219-W1.MS1

Run in Batch: CN140219-W1, Run Date: 02/19/2014 13:14, Prep Date: 02/19/2014, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL	**RPD**	RPD CL
Amenable Cyanide		**94**	80	120	**0**	15

Matrix Spike Duplicate (MSD)

Lab Sample ID: CN140219-W1.MSD2, Parent Sample ID: CN140219-W1.MS2

Run in Batch: CN140219-W1, Run Date: 02/19/2014 13:52, Prep Date: 02/19/2014, Matrix: Liquid, Dilution: 1

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

Inorganics, Prep Batch ID: CN140219-W1 (continued)

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

Duplicate (DUP)

Lab Sample ID: CN140219-W1.DP1, Parent Sample ID: S59971.01

Run in Batch: CN140219-W1, Run Date: 02/19/2014 13:10, Prep Date: 02/19/2014, Matrix: Liquid, Dilution: 1

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

Duplicate (DUP)

Lab Sample ID: CN140219-W1.DP2, Parent Sample ID: S59997.01

Run in Batch: CN140219-W1, Run Date: 02/19/2014 13:48, Prep Date: 02/19/2014, Matrix: Liquid, Dilution: 1

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

Inorganics, Prep Batch ID: OGHEX140218W01

Surrogates: No, QC Types: BLK/LCS

Blank (BLK)

Lab Sample ID: OGHEX140218W01.LRB1

Run in Batch: OGHEX140218W01, Run Date: 02/18/2014 12:00, Prep Date: 02/18/2014, 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: OGHEX140218W01.LCS1

Run in Batch: OGHEX140218W01, Run Date: 02/18/2014 12:00, Prep Date: 02/18/2014, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Oil & Grease n-Hexane Extract.		**96**	78	114

Laboratory Control Sample (LCS)

Lab Sample ID: OGHEX140218W01.LCS2

Run in Batch: OGHEX140218W01, Run Date: 02/18/2014 12:00, Prep Date: 02/18/2014, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Oil & Grease n-Hexane Extract.		**96**	78	114

Inorganics, Prep Batch ID: PHS140218

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

Blank (BLK)

Lab Sample ID: PHS140218.LRB1

Run in Batch: PHS140218, Run Date: 02/18/2014 15:07, Prep Date: 02/18/2014, Matrix: Liquid, Dilution: 1

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

Blank (BLK)

Lab Sample ID: PHS140218.LRB2

Run in Batch: PHS140218, Run Date: 02/18/2014 15:13, Prep Date: 02/18/2014, Matrix: Liquid, Dilution: 1

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

Laboratory Control Sample (LCS)

Lab Sample ID: PHS140218.LCS1

Run in Batch: PHS140218, Run Date: 02/18/2014 15:35, Prep Date: 02/18/2014, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Total Phosphorus		**96**	90	110

Matrix Spike (MS)

Lab Sample ID: PHS140218.MS1, Parent Sample ID: S59951.02

Run in Batch: PHS140218, Run Date: 02/18/2014 21:01, Prep Date: 02/18/2014, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Total Phosphorus		**85**	80	120

Duplicate (DUP)

Lab Sample ID: PHS140218.DP1, Parent Sample ID: S59988.01

Run in Batch: PHS140218, Run Date: 02/18/2014 20:56, Prep Date: 02/18/2014, Matrix: Liquid, Dilution: 1

Analyte	Flags	**RPD**	RPD CL
Total Phosphorus		**3.1**	20

Inorganics, Prep Batch ID: TSS140217

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

Blank (BLK)

Lab Sample ID: TSS140217.LRB1

Run in Batch: TSS140217, Run Date: 02/17/2014 17:15, Prep Date: 02/17/2014, Matrix: Liquid, Dilution: 1

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

Laboratory Control Sample (LCS)

Lab Sample ID: TSS140217.LCS1

Run in Batch: TSS140217, Run Date: 02/17/2014 17:15, Prep Date: 02/17/2014, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Total Suspended Solids		**102**	82	111

Duplicate (DUP)

Lab Sample ID: TSS140217.DP1, Parent Sample ID: S59992.01

Run in Batch: TSS140217, Run Date: 02/17/2014 17:15, Prep Date: 02/17/2014, Matrix: Liquid, Dilution: 1

Analyte	Flags	**RPD**	RPD CL
Total Suspended Solids		**4**	15

Metals, Prep Batch ID: HGD-021414-1

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

Laboratory Control Sample (LCS)

Lab Sample ID: HG2-14-0214A.015.LCS

Run in Batch: HG2-14-0214A, Run Date: 02/14/2014 15:08, Prep Date: 02/14/2014, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Mercury		**97**	85	115

Blank (BLK)

Lab Sample ID: HG2-14-0214A.016.LRB

Run in Batch: HG2-14-0214A, Run Date: 02/14/2014 15:10, Prep Date: 02/14/2014, Matrix: Liquid, Dilution: 1

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

Matrix Spike (MS)

Lab Sample ID: HG2-14-0214A.027.MS, Parent Sample ID: S59959.01

Run in Batch: HG2-14-0214A, Run Date: 02/14/2014 15:32, Prep Date: 02/14/2014, Matrix: Liquid, Dilution: 1

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

Matrix Spike (MS)

Lab Sample ID: HG2-14-0214A.041.MS, Parent Sample ID: S59983.04

Run in Batch: HG2-14-0214A, Run Date: 02/14/2014 16:00, Prep Date: 02/14/2014, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Mercury		**97**	80	120

Matrix Spike Duplicate (MSD)

Lab Sample ID: HG2-14-0214A.028.MSD, Parent Sample ID: HG2-14-0214A.027.MS

Run in Batch: HG2-14-0214A, Run Date: 02/14/2014 15:34, Prep Date: 02/14/2014, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL	**RPD**	RPD CL
Mercury		**99**	80	120	**1**	20

Matrix Spike Duplicate (MSD)

Lab Sample ID: HG2-14-0214A.042.MSD, Parent Sample ID: HG2-14-0214A.041.MS

Run in Batch: HG2-14-0214A, Run Date: 02/14/2014 16:02, Prep Date: 02/14/2014, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL	**RPD**	RPD CL
Mercury		**98**	80	120	**1**	20

Metals, Prep Batch ID: MTD-022614-3

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

Laboratory Control Sample (LCS)

Lab Sample ID: MT3-14-0226A.022.LCS

Run in Batch: MT3-14-0226A, Run Date: 02/26/2014 15:35, Prep Date: 02/26/2014, Matrix: Liquid, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
Arsenic		**103**	85	115
Chromium		**101**	85	115
Copper		**102**	85	115
Nickel		**100**	85	115
Zinc		**100**	85	115

Blank (BLK)

Lab Sample ID: MT3-14-0226A.024.LRB

Run in Batch: MT3-14-0226A, Run Date: 02/26/2014 15:43, Prep Date: 02/26/2014, 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: MT3-14-0226A.030.MS, Parent Sample ID: S60001.03

Run in Batch: MT3-14-0226A, Run Date: 02/26/2014 16:07, Prep Date: 02/26/2014, Matrix: Liquid, Dilution: 5

Analyte	Flags	% Rec	LCL	UCL
Arsenic		**108**	75	125
Chromium		**104**	75	125
Copper		**99**	75	125
Nickel		**99**	75	125
Zinc		**76**	75	125

Matrix Spike Duplicate (MSD)

Lab Sample ID: MT3-14-0226A.031.MSD, Parent Sample ID: MT3-14-0226A.030.MS

Run in Batch: MT3-14-0226A, Run Date: 02/26/2014 16:11, Prep Date: 02/26/2014, Matrix: Liquid, Dilution: 5

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
Arsenic		**108**	75	125	**1**	20
Chromium		**106**	75	125	**1**	20
Copper		**101**	75	125	**2**	20
Nickel		**101**	75	125	**2**	20
Zinc		**77**	75	125	**0**	20

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www.meritlabs.com

C.O.C. PAGE # 1 OF 1

82199

CHAIN OF CUSTODY RECORD

REPORT TO

CONTACT NAME: Cliff Yantz / Kevin Schneider
COMPANY: O'Brien & Gere
ADDRESS: 37000 Grand River Ave ste 200
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. | E-MAIL ADDRESS

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

TURNAROUND TIME REQUIRED ☐ 1 DAY ☐ 2 DAYS ☐ 3 DAYS ☒ STANDARD ☐ OTHER

DELIVERABLES REQUIRED ☐ STD ☒ LEVEL II ☐ LEVEL III ☐ LEVEL IV ☐ EDD ☐ OTHER

MATRIX CODE: GW=GROUNDWATER WW=WASTEWATER S=SOIL L=LIQUID SD=SOLID SL=SLUDGE DW=DRINKING WATER O=OIL WP=WIPE A=AIR W=WASTE

ANALYSIS (ATTACH LIST IF MORE SPACE IS REQUIRED)

Certifications
☐ OHIO VAP ☐ Drinking Water
☐ DoD ☐ NPDES

Project Locations
☐ Detroit ☐ New York
☐ Other

Special Instructions

MERIT LAB NO. (FOR LAB USE ONLY)	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 phosphorus	FOG (Hex-Ext)
59997.01	2/13/14	1100	01 - PRCC - 14	WW	5	1	1	1	1	1			X	X	X	X	X	X

Metals Are: As, Cr, Cu, Hg, Ni, Zn

Analysis per city of Flint permit

Field pH: 8.64

Field Temp: 8.3 °C

RELINQUISHED BY: SIGNATURE/ORGANIZATION	☒ Sampler O'Brien & Gere	DATE 2/13/14	TIME 1125	
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE 2-13-14	TIME 1125	
RELINQUISHED BY: SIGNATURE/ORGANIZATION		DATE	TIME	
RECEIVED BY: SIGNATURE/ORGANIZATION		DATE	TIME	

RELINQUISHED BY: SIGNATURE/ORGANIZATION		DATE 2-13-14	TIME 1450	
RECEIVED BY: SIGNATURE/ORGANIZATION	Kevin George	DATE 2/13/14	TIME 1400	
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS	NOTES:	TEMP. ON ARRIVAL -.47
SEAL NO.	SEAL INTACT YES ☐ NO ☐	INITIALS		

PLEASE NOTE: SIGNING ACKNOWLEDGES ADHERENCE TO MERIT'S SAMPLE ACCEPTANCE POLICY ON REVERSE SIDE

Rev. 5.18.12