O'BRIEN & GERE
www.obg.com

April 26, 2011

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

SUBJECT: DISCHARGE PERMIT SUBMITTAL– JANUARY 2011 THROUGH MARCH 2011
Permit No.: 6-08-04-04-GML1

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, 2011 to March 31, 2011 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 February 15, 2011
- 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.

As you are aware, the Revitalizing Auto Communities Environmental Response (RACER) Trust has taken over responsibility for the Coldwater Road Landfill facility from Motors Liquidation Company (MLC); however, because this report covers activities prior to the formation of the RACER Trust, we are signing this report on behalf of MLC. Future submittals will be submitted under the authority of the RACER Trust.

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

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.

Clifford Scott Yantz

Clifford Yantz
Technical Associate

Enclosures

cc: Mr. Kevin Forbes – Beecher Metropolitan District, Flint, MI
Mr. Grant Trigger – RACER Trust
Mr. David Favero – RACER Trust

City of Flint
Industrial Pretreatment Program

Periodic Report on Continued Compliance

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

Reporting Period: January 1, 2011 through March 31, 2011

Average Volume of Daily Discharge (during reporting period): 1,648 gallons per day.
(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: Technical Associate, O'Brien & Gere Engineers, Inc.
As agent for Motors Liquidation Company

Signature of Authorized Representative: Clifford Scott Yantz

Date Signed by Authorized Representative: 4/26/2011

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 - 2011
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	**1.99**	**0.005**	**7.68**	**1**	**1**	**1**	**8.01**	**0.01**	**0.07**	**0.01**	**17**	**1**
Test Method	4500-NH3 D		10360		1664A		4500-H+ B		4500-PE		2540 D	
Test Date	16-Feb-11		16-Feb-11		18-Feb-11		15-Feb-11		22-Feb-11		16-Feb-11	
Sample Date	15-Feb-11		15-Feb-11		15-Feb-11		15-Feb-11		15-Feb-11		15-Feb-11	
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.	1.990		7.680		1.000		8.010		0.070		17.000	
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 - 2011
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	**0.018**	**0.002**	**0.038**	**0.005**	**1.38**	**0.004**	**0.000**	**0.00020**	**0.326**	**0.005**	**0.029**	**0.005**	**0.016**	**0.005**
Test Method	200.8		200.8		200.8		245.1		200.8		200.8		335.4/4500-CN-G	
Test Date	18-Feb-11		18-Feb-11		18-Feb-11		22-Feb-11		18-Feb-11		18-Feb-11		22-Feb-11	
Sample Date	15-Feb-11		15-Feb-11		15-Feb-11		15-Feb-11		15-Feb-11		15-Feb-11		15-Feb-11	
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.	0.018		0.038		1.380		0.000		0.326		0.029		0.016	
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 - 2011
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
2/24/2011	439,826	441,474	**1,648**	8:50	11:25	10.6	10.3	50.5	7.80

Total Discharge Volume: **1,648**
Average Volume per Discharge: **1,648**

NOTES :

Analytical Laboratory Report

Report ID: S47747.01(01)
Generated on 02/23/2011

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: YantzCS@obg.com

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): S47747.01
Project: Coldwater Rd. Landfill
Collected Date: 02/15/2011
Submitted Date/Time: 02/15/2011 15:00
Sampled by: Kevin Schneider
P.O. #: 11018537

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 RL.

Laboratory Certifications:
Michigan DNRE (#9956), Ohio EPA (#CL0002), NELAC NY (#11814), NELAC FL (#E871045), WBENC (#2005110032)
Some analytes reported may not be certified. Full certification lists are available upon request.

Violetta F. Murshak
Laboratory Director

Sample Summary (1 samples)

Sample ID	Sample Tag	Matrix	Collected Date/Time
S47747.01	01-PRCC-11	Wastewater	02/15/2011 11:50

Analytical Laboratory Report

Lab Sample ID: S47747.01
Sample Tag: 01-PRCC-11
Collected Date/Time: 02/15/2011 11:50
Matrix: Wastewater
COC Reference: 040975

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
1	32 oz Glass	HCL	Yes	4.0	IR
1	125ml Plastic	NaOH	Yes	4.0	IR
1	125ml Plastic	HNO3	Yes	4.0	IR
1	250ml Plastic	H2SO4	Yes	4.0	IR
1	1L Plastic	None	Yes	4.0	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Mercury Digestion	Completed			7471A	02/22/11 10:00	JRT		
Metal Digestion	Completed			3015A	02/18/11 01:00	SLS		
Inorganics								
Amenable Cyanide	0.016	mg/L	0.005	335.4/4500-CN-G	02/22/11 10:40	JDP	57-12-5AM	
Ammonia-N	1.99	mg/L	0.02	4500-NH3 D	02/16/11 17:00	MJC	7664-41-7	
Field pH	8.01	STD Units	0.01	4500-H+ B	02/15/11 11:50	OBG		
Oil & Grease n-Hexane Extract.	1	mg/L	1	1664A	02/18/11 16:48	DJS		
TBOD5 - Set	Completed	mg/L		10360	02/16/11 09:00	DJS		
TBOD5	7.68	mg/L	1	10360	02/16/11 09:00	WAR		
Total Phosphorus	0.07	mg/L	0.01	4500-PE	02/22/11 12:30	MJC	7723-14-0	
Total Suspended Solids	17	mg/L	1	2540 D	02/16/11 16:00	DJS		
Metals								
Arsenic	0.018	mg/L	0.002	200.8	02/18/11 14:55	SLS	7440-38-2	
Chromium	0.038	mg/L	0.005	200.8	02/18/11 14:55	SLS	7440-47-3	
Copper	1.38	mg/L	0.004	200.8	02/18/11 14:55	SLS	7440-50-8	
Mercury	Not detected	mg/L	0.0002	245.1	02/22/11 15:04	JRT	7439-97-6	
Nickel	0.326	mg/L	0.005	200.8	02/18/11 14:55	SLS	7440-02-0	
Zinc	0.029	mg/L	0.005	200.8	02/18/11 14:55	SLS	7440-66-6	

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

040975

CHAIN OF CUSTODY RECORD

REPORT TO

CONTACT NAME: Clifford Yantz
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.: 248-477-5962 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)

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 Phosphorus	FOG (Hex-Ext.)
477470	2/15/11	1150	01 - PRCC - 11	WW	5	1	1	1	1	1			X	X	X	X	X	X

SPECIAL INSTRUCTIONS/NOTES:
Metals:
As, Cr, Cu, Hg, Ni, Zn
Analysis per city of Flint Permit
Field pH 8.01
Field Temp 10.7

RELINQUISHED BY: SIGNATURE/ORGANIZATION: K Schneider O'Brien & Gere	DATE: 2/15/11	TIME: 1205	
RECEIVED BY: SIGNATURE/ORGANIZATION: [illegible]	DATE: 2-15-11	TIME: 1205	
RELINQUISHED BY: SIGNATURE/ORGANIZATION: [illegible]	DATE: 2-15-11	TIME: 1500	
RECEIVED BY: SIGNATURE/ORGANIZATION: [illegible]	DATE: 2-15-11	TIME: 1500	
RELINQUISHED BY: SIGNATURE/ORGANIZATION:	DATE:	TIME:	
RECEIVED BY: SIGNATURE/ORGANIZATION:	DATE:	TIME:	

SEAL NO. | SEAL INTACT YES ☐ NO ☐ | INITIALS
SEAL NO. | SEAL INTACT YES ☐ NO ☐ | INITIALS

NOTES: TEMP. ON ARRIVAL 4.0

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

Quality Control Report

Report ID: QC-S47747.01(01)
Generated on 03/09/2011

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): S47747.01
Project: Coldwater Rd. Landfill
Submitted Date/Time: 02/15/2011 15:00
Sampled by: Kevin Schneider
P.O. #: 11018537

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), Ohio EPA (#CL0002), NELAC NY (#11814), NELAC FL (#E871045), WBENC (#2005110032)
Some analytes reported may not be certified. Full certification lists are available upon request.

Violetta F. Murshak
Laboratory Director

QC Report - Analysis Summary

Lab Sample ID: S47747.01
Sample Tag: 01-PRCC-11
Collected Date/Time: 02/15/2011 11:50
Matrix: Wastewater
COC Reference: 040975

Analysis	Method	Run Date/Time	Batch ID	Prep ID	Surr	QC Types
Inorganics						
Amenable Cyanide	335.4/4500-CN-G	02/22/11 10:40	CN110222-W1	CN110222-W1	No	BLK/LCS/MS/MSD/DUP
Ammonia-N	4500-NH3 D	02/16/11 17:00	AMN110216	AMN110216	No	BLK/LCS/MS/DUP
Oil & Grease n-Hexane Extract.	1664A	02/18/11 16:48	OGHEX110218W01	OGHEX110218W01	No	BLK/LCS
Total Phosphorus	4500-PE	02/22/11 12:30	PHS110222	PHS110222	No	BLK/LCS/MS/DUP
Total Suspended Solids	2540 D	02/16/11 16:00	TSS110216	TSS110216	No	BLK/LCS/DUP
Metals						
Arsenic	200.8	02/18/11 14:55	MT3-11-0218B	MTD-021811-3	No	LCS/BLK/MS/MSD
Chromium	200.8	02/18/11 14:55	MT3-11-0218B	MTD-021811-3	No	LCS/BLK/MS/MSD
Copper	200.8	02/18/11 14:55	MT3-11-0218B	MTD-021811-3	No	LCS/BLK/MS/MSD
Mercury	245.1	02/22/11 15:04	HG2-11-0222A	HGD-022211-1	No	LCS/BLK/MS/MSD
Nickel	200.8	02/18/11 14:55	MT3-11-0218B	MTD-021811-3	No	LCS/BLK/MS/MSD
Zinc	200.8	02/18/11 14:55	MT3-11-0218B	MTD-021811-3	No	LCS/BLK/MS/MSD

QC Report - Prep Batch Summary

Inorganics, Prep Batch ID: AMN110216

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

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S47747.01	Ammonia-N	4500-NH3 D	02/16/11 17:00	AMN110216

Inorganics, Prep Batch ID: CN110222-W1

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

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S47747.01	Amenable Cyanide	335.4/4500-CN-G	02/22/11 10:40	CN110222-W1

Inorganics, Prep Batch ID: OGHEX110218W01

Surrogates: No, QC Types: BLK/LCS

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S47747.01	Oil & Grease n-Hexane Extract.	1664A	02/18/11 16:48	OGHEX110218W01

Inorganics, Prep Batch ID: PHS110222

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

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S47747.01	Total Phosphorus	4500-PE	02/22/11 12:30	PHS110222

Inorganics, Prep Batch ID: TSS110216

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

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S47747.01	Total Suspended Solids	2540 D	02/16/11 16:00	TSS110216

Metals, Prep Batch ID: HGD-022211-1

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

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S47747.01	Mercury	245.1	02/22/11 15:04	HG2-11-0222A

Metals, Prep Batch ID: MTD-021811-3

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

Sample ID	Analysis	Method	Run Date/Time	Batch ID
S47747.01	Arsenic	200.8	02/18/11 14:55	MT3-11-0218B
S47747.01	Chromium	200.8	02/18/11 14:55	MT3-11-0218B
S47747.01	Copper	200.8	02/18/11 14:55	MT3-11-0218B
S47747.01	Nickel	200.8	02/18/11 14:55	MT3-11-0218B
S47747.01	Zinc	200.8	02/18/11 14:55	MT3-11-0218B

Inorganics, Prep Batch ID: AMN110216

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

Blank (BLK)

Lab Sample ID: AMN110216.LRB1

Run in Batch: AMN110216, Run Date: 02/16/2011 15:00, Prep Date: 02/16/2011, Matrix: Liquid, Dilution: 1

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

Laboratory Control Sample (LCS)

Lab Sample ID: AMN110216.LCS1

Run in Batch: AMN110216, Run Date: 02/16/2011 15:00, Prep Date: 02/16/2011, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Ammonia-N		**100**	90	110

Matrix Spike (MS)

Lab Sample ID: AMN110216.MS1, Parent Sample ID: S47696.02

Run in Batch: AMN110216, Run Date: 02/16/2011 15:00, Prep Date: 02/16/2011, Matrix: Liquid, Dilution: 1

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

Duplicate (DUP)

Lab Sample ID: AMN110216.DP1, Parent Sample ID: S47691.01

Run in Batch: AMN110216, Run Date: 02/16/2011 15:00, Prep Date: 02/16/2011, Matrix: Liquid, Dilution: 1

Analyte	Flags	**RPD**	RPD CL
Ammonia-N		**1.6**	20

Inorganics, Prep Batch ID: CN110222-W1

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

Blank (BLK)

Lab Sample ID: CN110222-W1.LRB1

Run in Batch: CN110222-W1, Run Date: 02/22/2011 10:20, Prep Date: 02/22/2011, Matrix: Liquid, Dilution: 1

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

Blank (BLK)

Lab Sample ID: CN110222-W1.LRB2

Run in Batch: CN110222-W1, Run Date: 02/22/2011 12:25, Prep Date: 02/22/2011, Matrix: Liquid, Dilution: 1

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

Laboratory Control Sample (LCS)

Lab Sample ID: CN110222-W1.LCS1

Run in Batch: CN110222-W1, Run Date: 02/22/2011 10:26, Prep Date: 02/22/2011, Matrix: Liquid, Dilution: 1

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

Matrix Spike (MS)

Lab Sample ID: CN110222-W1.MS1, Parent Sample ID: S47747.01

Run in Batch: CN110222-W1, Run Date: 02/22/2011 10:44, Prep Date: 02/22/2011, Matrix: Liquid, Dilution: 1

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

Matrix Spike Duplicate (MSD)

Lab Sample ID: CN110222-W1.MSD1, Parent Sample ID: CN110222-W1.MS1

Run in Batch: CN110222-W1, Run Date: 02/22/2011 10:46, Prep Date: 02/22/2011, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL	**RPD**	RPD CL
Amenable Cyanide		**92**	80	120	**2**	15

Duplicate (DUP)

Lab Sample ID: CN110222-W1.DP1, Parent Sample ID: S47747.01

Run in Batch: CN110222-W1, Run Date: 02/22/2011 10:42, Prep Date: 02/22/2011, Matrix: Liquid, Dilution: 1

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

Duplicate (DUP)

Lab Sample ID: CN110222-W1.DP2, Parent Sample ID: S47747.01

Run in Batch: CN110222-W1, Run Date: 02/22/2011 12:31, Prep Date: 02/22/2011, Matrix: Liquid, Dilution: 1

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

Inorganics, Prep Batch ID: OGHEX110218W01

Surrogates: No, QC Types: BLK/LCS

Blank (BLK)

Lab Sample ID: OGHEX110218W01.LRB1

Run in Batch: OGHEX110218W01, Run Date: 02/18/2011 16:49, Prep Date: 02/18/2011, 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: OGHEX110218W01.LCS1

Run in Batch: OGHEX110218W01, Run Date: 02/18/2011 16:49, Prep Date: 02/18/2011, Matrix: Liquid, Dilution: 1

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

Laboratory Control Sample (LCS)

Lab Sample ID: OGHEX110218W01.LCS2

Run in Batch: OGHEX110218W01, Run Date: 02/18/2011 16:49, Prep Date: 02/18/2011, Matrix: Liquid, Dilution: 1

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

Inorganics, Prep Batch ID: PHS110222

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

Blank (BLK)

Lab Sample ID: PHS110222.LRB1

Run in Batch: PHS110222, Run Date: 02/22/2011 12:12, Prep Date: 02/22/2011, Matrix: Liquid, Dilution: 1

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

Blank (BLK)

Lab Sample ID: PHS110222.LRB2

Run in Batch: PHS110222, Run Date: 02/22/2011 12:18, Prep Date: 02/22/2011, Matrix: Liquid, Dilution: 1

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

Laboratory Control Sample (LCS)

Lab Sample ID: PHS110222.LCS1

Run in Batch: PHS110222, Run Date: 02/22/2011 12:24, Prep Date: 02/22/2011, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Total Phosphorus		**100**	90	110

Matrix Spike (MS)

Lab Sample ID: PHS110222.MS1, Parent Sample ID: S47747.01

Run in Batch: PHS110222, Run Date: 02/22/2011 20:27, Prep Date: 02/22/2011, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Total Phosphorus		**97**	80	120

Duplicate (DUP)

Lab Sample ID: PHS110222.DP1, Parent Sample ID: S47733.01

Run in Batch: PHS110222, Run Date: 02/22/2011 20:24, Prep Date: 02/22/2011, Matrix: Liquid, Dilution: 1

Analyte	Flags	**RPD**	RPD CL
Total Phosphorus		**3.4**	20

Inorganics, Prep Batch ID: TSS110216

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

Blank (BLK)

Lab Sample ID: TSS110216.LRB1

Run in Batch: TSS110216, Run Date: 02/16/2011 16:00, Prep Date: 02/16/2011, Matrix: Liquid, Dilution: 1

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

Laboratory Control Sample (LCS)

Lab Sample ID: TSS110216.LCS1

Run in Batch: TSS110216, Run Date: 02/16/2011 16:00, Prep Date: 02/16/2011, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Total Suspended Solids		**104**	90	110

Duplicate (DUP)

Lab Sample ID: TSS110216.DP1, Parent Sample ID: S47709.01

Run in Batch: TSS110216, Run Date: 02/16/2011 16:00, Prep Date: 02/16/2011, Matrix: Liquid, Dilution: 1

Analyte	Flags	**RPD**	RPD CL
Total Suspended Solids		**0**	15

Metals, Prep Batch ID: HGD-022211-1

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

Laboratory Control Sample (LCS)

Lab Sample ID: HG2-11-0222A.015.LCS

Run in Batch: HG2-11-0222A, Run Date: 02/22/2011 14:48, Prep Date: 02/22/2011, Matrix: Liquid, Dilution: 1

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

Blank (BLK)

Lab Sample ID: HG2-11-0222A.016.LRB

Run in Batch: HG2-11-0222A, Run Date: 02/22/2011 14:52, Prep Date: 02/22/2011, Matrix: Liquid, Dilution: 1

Analyte	Flags	**Conc**	RDL	Units
Mercury		**ND**	0.02	ug/L

Matrix Spike (MS)

Lab Sample ID: HG2-11-0222A.021.MS, Parent Sample ID: S47747.01

Run in Batch: HG2-11-0222A, Run Date: 02/22/2011 15:07, Prep Date: 02/22/2011, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL
Mercury		**102**	80	120

Matrix Spike Duplicate (MSD)

Lab Sample ID: HG2-11-0222A.023.MSD, Parent Sample ID: HG2-11-0222A.021.MS

Run in Batch: HG2-11-0222A, Run Date: 02/22/2011 15:17, Prep Date: 02/22/2011, Matrix: Liquid, Dilution: 1

Analyte	Flags	**% Rec**	LCL	UCL	**RPD**	RPD CL
Mercury		**98**	80	120	**4**	20

Metals, Prep Batch ID: MTD-021811-3

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

Laboratory Control Sample (LCS)

Lab Sample ID: MT3-11-0218B.011.LCS

Run in Batch: MT3-11-0218B, Run Date: 02/18/2011 14:34, Prep Date: 02/18/2011, Matrix: Liquid, Dilution: 1

Analyte	Flags	% Rec	LCL	UCL
Arsenic		**98**	85	115
Chromium		**100**	85	115
Copper		**100**	85	115
Nickel		**100**	85	115
Zinc		**100**	85	115

Blank (BLK)

Lab Sample ID: MT3-11-0218B.014.LRB

Run in Batch: MT3-11-0218B, Run Date: 02/18/2011 14:43, Prep Date: 02/18/2011, Matrix: Liquid, Dilution: 1

Analyte	Flags	Conc	RDL	Units
Arsenic		**ND**	0.0004	mg/L
Chromium		**ND**	0.001	mg/L
Copper		**ND**	0.002	mg/L
Nickel		**ND**	0.001	mg/L
Zinc		**ND**	0.002	mg/L

Matrix Spike (MS)

Lab Sample ID: MT3-11-0218B.022.MS, Parent Sample ID: S47753.02

Run in Batch: MT3-11-0218B, Run Date: 02/18/2011 15:07, Prep Date: 02/18/2011, Matrix: Liquid, Dilution: 5

Analyte	Flags	% Rec	LCL	UCL
Arsenic		**105**	75	125
Chromium		**104**	75	125
Copper		**103**	75	125
Nickel		**101**	75	125
Zinc		**101**	75	125

Matrix Spike Duplicate (MSD)

Lab Sample ID: MT3-11-0218B.023.MSD, Parent Sample ID: MT3-11-0218B.022.MS

Run in Batch: MT3-11-0218B, Run Date: 02/18/2011 15:10, Prep Date: 02/18/2011, Matrix: Liquid, Dilution: 5

Analyte	Flags	% Rec	LCL	UCL	RPD	RPD CL
Arsenic		**108**	75	125	**3**	20
Chromium		**106**	75	125	**2**	20
Copper		**103**	75	125	**0**	20
Nickel		**104**	75	125	**3**	20
Zinc		**105**	75	125	**4**	20

Merit Laboratories, Inc.

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C.O.C. PAGE # 1 OF 1

040975

CHAIN OF CUSTODY RECORD

REPORT TO

CONTACT NAME: Clifford Yantz
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.: 248-477-5962 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)

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 Phosphorus	FOG (Hex-Ext.)
477470	2/15/11	1150	01 - PRCC - 11	WW	5	1	1	1	1	1			X	X	X	X	X	X

SPECIAL INSTRUCTIONS/NOTES:
Metals:
As, Cr, Cu, Hg, Ni, Zn
Analysis per city of Flint Permit
Field pH 8.01
Field Temp 10.7

RELINQUISHED BY: SIGNATURE/ORGANIZATION: K Schneider O'Brien & Gere	DATE: 2/15/11	TIME: 1205	
RECEIVED BY: SIGNATURE/ORGANIZATION: [illegible]	DATE: 2-15-11	TIME: 1205	
RELINQUISHED BY: SIGNATURE/ORGANIZATION: [illegible]	DATE: 2-15-11	TIME: 1500	
RECEIVED BY: SIGNATURE/ORGANIZATION: [illegible]	DATE: 2-15-11	TIME: 1500	
RELINQUISHED BY: SIGNATURE/ORGANIZATION:	DATE:	TIME:	
RECEIVED BY: SIGNATURE/ORGANIZATION:	DATE:	TIME:	

SEAL NO. | SEAL INTACT YES ☐ NO ☐ | INITIALS
SEAL NO. | SEAL INTACT YES ☐ NO ☐ | INITIALS

NOTES: TEMP. ON ARRIVAL 4.0

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