



YPSILANTI COMMUNITY UTILITIES AUTHORITY

2777 STATE ROAD
YPSILANTI, MICHIGAN 48198-9112
TELEPHONE: (734) 484-4600
FAX: (734) 484-3369
WEBSITE: www.ycua.org

May 28, 2013

RECEIVED

MAY 30 2013

CRA-DETROIT

Ms. Beth Landale
Project Manager
Conestoga-Rovers & Associates
14496 Sheldon Road, Suite 200
Plymouth, MI 48170

RE: Monitoring Event Analytical Results (I.U. Permit #RA 6-12)

Dear Ms. Landale:

Enclosed please find the results for the recent monitoring event of the industrial effluent at Outfall 001 located at 2901 Tyler Road in the Township of Ypsilanti. The monitoring event was conducted by the industrial surveillance staff of the Ypsilanti Community Utilities Authority. All analytical test results are within the parameters of the current Ypsilanti Township Sewer Use Ordinance and/or Industrial User Permit #RA 12-15.

Thank you for your continued dedication and support of the environment. Please contact me with any questions you may have regarding these results by phone at 734-484-4600 ext.123 or by email at lblackburn@ycua.org.

Sincerely,

A handwritten signature in black ink, appearing to read 'LBlackburn', is written over a horizontal line.

Luther Blackburn
YCUA Compliance Supervisor

Enclosure: YCUA Laboratory Report

Cc: YCUA Compliance Department File



2105 Pless Drive · Brighton, Michigan 48114 · Phone (810) 229-7575 · Fax (810) 229-8650 · E-mail bai-brighton@sbcglobal.net

May 22, 2013

Ypsilanti Comm. Utilities Auth.
2777 State Rd.
Ypsilanti, MI 48198

Subject: Racer Trust (CVO Site)
CA#38

Dear Mr. Blackburn :

Thank you for making Brighton Analytical, L.L.C. your laboratory of choice. Enclosed are the results for the samples submitted on 05/17/2013 for the above mentioned project. Duplicate copies can be supplied at your request for a fee of \$20.00 per copy.

The invoice for this project will be mailed with copy of report. If you have any questions concerning the invoice or the data, please don't hesitate to contact our office. Please reference Brighton Analytical, L.L.C. project ID 23721 when calling with any questions regarding this project.

Sincerely,
Brighton Analytical, L.L.C.





Brighton Analytical, L.L.C.
2105 Pless Drive
Brighton, Michigan 48116
Phone: (810) 229-7575 FAX: (810) 229-8650
e-mail: bai-brighton@sbcglobal.net

To: Ypsilanti Comm. Utilities Auth.
2777 State Rd.
Ypsilanti, MI 48198

Sample Date: 5/16/2013
Submit Date: 5/17/2013
Report Date: 5/22/2013

BA Report Number: 23721
BA Sample ID: BY04160

Project Name: Racer Trust (CVO Site)
Project Number: CA#38
Sample ID: Effluent

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Volatile Analysis						
Acetone	Not detected	ug/L	20	SW846 8260B	CW	5/21/2013
Acrylonitrile	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
Benzene	55	ug/L	1	SW846 8260B	CW	5/21/2013
Bromobenzene	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
Bromochloromethane	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
Bromodichloromethane	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
Bromoform	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
Bromomethane(Methyl Bromide)	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
2-Butanone (MEK)	7	ug/L	5	SW846 8260B	CW	5/21/2013
Carbon disulfide	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
Carbon tetrachloride	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
Chlorobenzene	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
Chloroethane	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
Chloroform	2	ug/L	1	SW846 8260B	CW	5/21/2013
Chloromethane(Methyl Chloride)	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
cis-1,2-Dichloroethene	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
cis-1,3-Dichloropropene	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
Cyclohexane	Not detected	ug/L	10	SW846 8260B	CW	5/21/2013
1,2-Dibromo-3-Chloropropane	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
Dibromochloromethane	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
1,2-Dibromoethane	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
Dibromomethane(Methylene Bromide)	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
1,2-Dichlorobenzene	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
1,3-Dichlorobenzene	2	ug/L	1	SW846 8260B	CW	5/21/2013
1,4-Dichlorobenzene	6	ug/L	1	SW846 8260B	CW	5/21/2013
Dichlorodifluoromethane	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
1,1-Dichloroethane	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
1,2-Dichloroethane	15	ug/L	1	SW846 8260B	CW	5/21/2013
1,1-Dichloroethene	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
1,2-Dichloropropane	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013



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2105 Pless Drive
Brighton, Michigan 48116
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 e-mail: bai-brighton@sbcglobal.net

To: Ypsilanti Comm. Utilities Auth.
 2777 State Rd.
 Ypsilanti, MI 48198

Sample Date: 5/16/2013
 Submit Date: 5/17/2013
 Report Date: 5/22/2013

BA Report Number: **23721**
 BA Sample ID: **BY04160**

Project Name: **Racer Trust (CVO Site)**
 Project Number: **CA#38**
 Sample ID: **Effluent**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Diethyl ether	Not detected	ug/L	5	SW846 8260B	CW	5/21/2013
Diisopropyl Ether(DIPE)	Not detected	ug/L	5	SW846 8260B	CW	5/21/2013
Ethyl benzene	3	ug/L	1	SW846 8260B	CW	5/21/2013
Ethyltertiarybutylether(ETBE)	Not detected	ug/L	5	SW846 8260B	CW	5/21/2013
2-Hexanone(Methyl Butyl Ketone)	Not detected	ug/L	5	SW846 8260B	CW	5/21/2013
Isopropylbenzene	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
Methyl iodide(Iodomethane)	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
Methyl(tert)butyl ether(MTBE)	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
4-Methyl-2-pentanone(MIBK)	8	ug/L	5	SW846 8260B	CW	5/21/2013
Methylene chloride	Not detected	ug/L	5	SW846 8260B	CW	5/21/2013
2-Methylnaphthalene	Not detected	ug/L	5	SW846 8260B	CW	5/21/2013
Naphthalene	Not detected	ug/L	5	SW846 8260B	CW	5/21/2013
n-Butylbenzene	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
n-Propylbenzene	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
p-Isopropyl Toluene(p-Cymene)	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
sec-Butylbenzene	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
Styrene	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
Tertiary Butyl Alcohol(TBA)	Not detected	ug/L	50	SW846 8260B	CW	5/21/2013
tertiaryAmylmethylether(TAME)	Not detected	ug/L	5	SW846 8260B	CW	5/21/2013
tertiaryButylbenzene	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
1,1,1,2-Tetrachloroethane	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
1,1,2,2-Tetrachloroethane	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
Tetrachloroethene	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
Tetrahydrofuran(THF)	Not detected	ug/L	5	SW846 8260B	CW	5/21/2013
Toluene	35	ug/L	1	SW846 8260B	CW	5/21/2013
trans-1,2-Dichloroethene	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
trans-1,3-Dichloropropene	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
trans-1,4-Dichloro-2-butene	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
1,2,3-Trichlorobenzene	Not detected	ug/L	5	SW846 8260B	CW	5/21/2013
1,2,4-Trichlorobenzene	Not detected	ug/L	5	SW846 8260B	CW	5/21/2013
1,1,1-Trichloroethane	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
1,1,2-Trichloroethane	41	ug/L	1	SW846 8260B	CW	5/21/2013



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BA Report Number: 23721
BA Sample ID: BY04160

Project Name: **Racer Trust (CVO Site)**
Project Number: **CA#38**
Sample ID: **Effluent**

Parameters	Results	Units	DL	Method Reference	Analyst	Analysis Date
Trichloroethene	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
Trichlorofluoromethane	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
1,2,3-Trichloropropane	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
1,2,3-Trimethylbenzene	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
1,2,4-Trimethylbenzene	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
1,3,5-Trimethylbenzene	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
Vinyl chloride	Not detected	ug/L	1	SW846 8260B	CW	5/21/2013
Xylenes(total)	10	ug/L	3	SW846 8260B	CW	5/21/2013

DL=Reported detection limit for analytical method requested. Some compounds require special analytical methods to achieve MDNR designated target detection limits (TDL).

Released by:

Date:


5/22/13



YPSILANTI COMMUNITY UTILITIES AUTHORITY (YCUA)

2777 STATE ROAD
YPSILANTI, MI 48198-1012
TELEPHONE: (734) 484-4600

CHAIN OF CUSTODY (COC) RECORD

Project Description:

Racer Trust (CVO Site)

Luanne Carp

Sampling Technician(s)

Matrix:

WW = Wastewater

S = Sludge

O = Other (Indicate in comments)

CA # 38

Preservatives:

A = HNO3

B = H2SO4

C = HCL

D = NaOH

E = Other (Indicate in comments)

YCUA Contact:

1. Steve Wyzgowski (734) 484-4600 Ext. 155
2. Luther Blackburn (734) 484-4600 Ext. 123
3. Perry Thomas (734) 484-4600 Ext. 121

Sampling Location(s):
Post treatment and prior to discharge into MH6, located 166 feet from south fence line and 71 feet from east fence line.

Line Item	Date	Time	Comp	Grab	Matrix	Sample Description	# of Containers	Analytical Parameters												Remarks/Comments
								Preservative						Metals						
								PH	BOD	COD	ISS	PO4	NH3	FOG	Metals					
1	May 16, 2013	10:00 AM		X	ww	Racer Trust Wastewater Effluent	1	X												
2																				
3																				

Field pH and temperature reading:

6.73 17.6°C

Were samples received on ice (if not indicate temperature):

N/A

Date and time composite sampler was picked up:

N/A

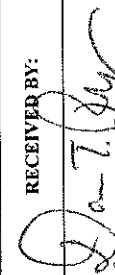
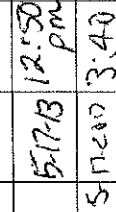
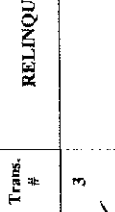
Remarks:

Sampler's Signature and Sample Date:

Luanne Carp

 Brighton Analytical, L.L.C. email: bai-brighton@sbcglobal.net 2105 Pless Drive Phone: 810-229-7575 Brighton, MI 48114 FAX: 810-229-8650		BA PROJECT #: 23721 ABBREVIATIONS FOR MATRIX S = Solid L = Liquid DW = Drinking H ₂ O O = Oil P = Wipes A = Air (Tedlar Bag) F = Filter T = Tube M = Misc.		Analysis Requested/Method		PAGE <u>1</u> OF <u>1</u> COMPANY/MAILING ADDRESS: Ypsilanti Community Utilities Authority 2777 State Road Ypsilanti, MI 48198 ATTN: Luther Blackburn PHONE: 734-544-7123 FAX OR EMAIL: 734-544-7149 / lblackburn@cua.org	
PROJECT NAME: RACER Trust (CVO Site) PROJECT #: CA # 38 PO #: (PLEASE NOTE IF DIFFERENT BILLING ADDRESS)		Sample Collected By: LC		Samples received within hold time? yes <u>no</u> Temperature of samples °C: <u>4</u> pHs verified in login? yes <u>no</u> Headspace/bubbles in VOA's? yes <u>no</u> n/a Sample containers and COC match? yes <u>no</u>		BILLING ADDRESS (IF REQUIRED):	
REQUESTED TURNAROUND: (circle one) Rush: 1-3 business days (verify with lab & specify date needed) 1 Day = 2.5X Cost 2 Day = 2X Cost 3 Day = 1.5X Cost Standard: 5 business days		IF RUSH, approved by: _____ Sample Coll. Date Time 5/16/13 10:06a 2		Sample Matrix		Drinking H ₂ O: FAX TO LCHD yes <u>no</u> Chlorinated Water Supply? yes <u>no</u> AMT: _____ MCL failure: yes <u>no</u> Client notified (date/time/initials):	
Container/Quantity HOPE (UNPRESERVED) HOPE HNO ₃ HOPE H ₂ SO ₄ HOPE NAOH AMBER PRESERVED AMBER NO PRESERVATIVE GLASS NO PRESERVATIVE AMBER - NOT PRESERVED MOIST FRESHLY V N		Sample ID # 1) Effluent 2) 3) 4) 5) 6) 7) 8) 9) 10)		VOCs ☒		Special Instructions:	

Please fill out the Chain of Custody completely and review. Incorrect or incomplete information will result in a "hold" on all analyses.

Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:	Trans. #	RELINQUISHED BY:	RECEIVED BY:	DATE:	TIME:
1			5-17-13	12:50 pm	3				
2			5/17/2013	3:40	4				