



**Revitalizing Auto Communities
Environmental Response Trust**

August 18, 2011

Mr. Jason Casteel
City of Saginaw Waste Water Treatment Division
Environmental Compliance
2406 Veterans Memorial Parkway
Saginaw, Michigan
U.S.A. 48601

Dear Mr. Casteel:

Re: Consent Order Quarterly Monitoring
at Outfalls CFD-01 and CFD-02 for July 2011
GMPT Saginaw Malleable Iron (SMI), Saginaw, Michigan

This letter is submitted on behalf of Revitalizing Auto Communities Environmental Response (RACER), formerly General Motors Corporation. The City of Saginaw/General Motors Consent Order Section 11.a and Section VIII of Significant Industrial User (SIU) Discharge Permit #09-517 (Permit) requires RACER to submit quarterly reports containing applicable monitoring data.

This letter presents the requested Consent Order and Permit quarterly monitoring analytical results for 24-hour time proportional composite samples collected from Outfalls CFD-01 and CFD-02. The analytical results represent sampling for the third quarter of 2011 and are representative of normal daily discharges. 24-hour time proportional composite samples were collected on the 19th of July, 2011. Samples were analyzed in accordance with the Consent Order and Permit requirements including 40CFR Part 136. Sample results are presented in Attachment A. The laboratory has an active quality control and quality assurance (QC/QA) program in place to ensure reliable and accurate data.

There have been no changes in facility activity, production, or discharge practices. The facility is a closed foundry that has been demolished except for the concrete slab. There have been no changes not previously reported. Materials, if any, which could cause slug loading or detrimental effect on the sewer system are stored in a manner to minimize any possible discharge to the sewer system.

The following summarizes the PCB analytical results (analyzed in accordance with EPA Method 608):

<i>Date</i>	<i>Sample Time</i>	<i>CFD-01 ($\mu\text{g/L}$) (Sample Tag 01)</i>	<i>CFD-02 ($\mu\text{g/L}$) (Sample Tag 02)</i>	<i>Flow (gpd)</i>
July 19	11:00, 10:30	<0.1	<0.5	***

Note:

*** Flow at CFD-02 was too low to obtain an accurate reading, therefore, average and maximum daily flows are not available, however, the only discharge is incidental groundwater and stormwater infiltration.

The sample at CFD-02 is in compliance or deemed to be in compliance.

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 possibility of fine and imprisonment for knowing violations.

If you have any questions or require clarification on the above information please feel free to contact me at 313-486-2908.

Yours truly,



Grant Trigger
Cleanup Manager - Michigan

Encl.

cc: Jeanette Best - City of Saginaw
Kimberly Mason - City of Saginaw
Dave Favero - RACER
Michael Tomka - CRA

ATTACHMENT A

ANALYTICAL LABORATORY REPORTS



Analytical Laboratory Report

Report ID: S49375.01(01)
Generated on 07/26/2011

Report to

Attention: Steve Hoevemeyer
MLC SMI
77 W. Center
MC: 486-577-008
Saginaw, Michigan 48605

Phone: 989-757-0920 FAX: 989-757-0707
Email: shoevemeyer@craworld.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): S49375.01-S49375.02
Project: Qtly 02-01 SSOW# 7878-002
Collected Date: 07/19/2011
Submitted Date/Time: 07/19/2011 14:00
Sampled by: Terry Gooslin
P.O. #: 4040432

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.
Report shall not be reproduced except in full, without the written approval of Merit Laboratories.

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



Analytical Laboratory Report

Sample Summary (2 samples)

Sample ID	Sample Tag	Matrix	Collected Date/Time
S49375.01	02	Liquid	07/19/2011 10:30
S49375.02	01	Liquid	07/19/2011 11:00



Analytical Laboratory Report

Lab Sample ID: S49375.01
 Sample Tag: 02
 Collected Date/Time: 07/19/2011 10:30
 Matrix: Liquid
 COC Reference: 63291

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	1L Amber	None	Yes	4.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
Extraction / Prep.								
Extraction, PCB	Completed			3510C	07/21/11 20:37	EMR		
Inorganics								
Field pH	7.87	STD Units	0.01	4500-H+ B	07/19/11 10:30	TG		
Field Temperature	62	oF	1	2550 B	07/19/11 10:30	TG		
Flow, Field	Not detected	gpd			07/19/11 10:30	TG		1
Organics - PCBs/Pesticides								
PCB								
PCB-1016	Not detected	ug/L	0.5	608	07/26/11 10:46	JANB	12674-11-2	X
PCB-1221	Not detected	ug/L	0.5	608	07/26/11 10:46	JANB	11104-28-2	X
PCB-1232	Not detected	ug/L	0.5	608	07/26/11 10:46	JANB	11141-16-5	X
PCB-1242	Not detected	ug/L	0.5	608	07/26/11 10:46	JANB	53469-21-9	X
PCB-1248	Not detected	ug/L	0.5	608	07/26/11 10:46	JANB	12672-29-6	X
PCB-1254	Not detected	ug/L	0.5	608	07/26/11 10:46	JANB	11097-69-1	X
PCB-1260	Not detected	ug/L	0.5	608	07/26/11 10:46	JANB	11096-82-5	X
PCB, Total	Not detected	ug/L	0.5	608	07/26/11 10:46	JANB	1336-36-3	X

1-City estimated flow to be around 30,000 gal. 1.5 inches of water present, sample more dirty than usual. Recent Heavy rain.
 X-Elevated reporting limit due to matrix interference



Analytical Laboratory Report

Lab Sample ID: S49375.02
Sample Tag: 01
Collected Date/Time: 07/19/2011 11:00
Matrix: Liquid
COC Reference: 63291

Sample Containers

#	Type	Preservative(s)	Refrigerated?	Arrival Temp. (C)	Thermometer #
2	1L Amber	None	Yes	4.5	IR

Analysis	Results	Units	RL	Method	Run Date/Time	Analyst	CAS #	Flags
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Extraction / Prep.

Extraction, PCB	Completed			3510C	07/21/11 20:37	EMR		
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Organics - PCBs/Pesticides

PCB

PCB-1016	Not detected	ug/L	0.1	608	07/22/11 12:10	JANB	12674-11-2	
PCB-1221	Not detected	ug/L	0.1	608	07/22/11 12:10	JANB	11104-28-2	
PCB-1232	Not detected	ug/L	0.1	608	07/22/11 12:10	JANB	11141-16-5	
PCB-1242	Not detected	ug/L	0.1	608	07/22/11 12:10	JANB	53469-21-9	
PCB-1248	Not detected	ug/L	0.1	608	07/22/11 12:10	JANB	12672-29-6	
PCB-1254	Not detected	ug/L	0.1	608	07/22/11 12:10	JANB	11097-69-1	
PCB-1260	Not detected	ug/L	0.1	608	07/22/11 12:10	JANB	11096-82-5	
PCB, Total	Not detected	ug/L	0.1	608	07/22/11 12:10	JANB	1336-36-3	



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

C.O.C. PAGE # _____ OF _____

63291

REPORT TO

CHAIN OF CUSTODY RECORD

INVOICE TO

CONTACT NAME: *Steve Horemeyer - CRA*

COMPANY: *GAT - STATE*

ADDRESS: *77 W. Center*

CITY: *Saginaw* STATE: *MI* ZIP CODE: _____

PHONE NO. _____ FAX NO. _____ P.O. NO. _____

E-MAIL ADDRESS _____ QUOTE NO. _____

CONTACT NAME _____ SAME

COMPANY _____

ADDRESS _____

CITY _____ STATE _____ ZIP CODE _____

PHONE NO. _____ FAX NO. _____ P.O. NO. _____

ANALYSIS (ATTACH LIST IF MORE SPACE REQUIRED)

PROJECT NO./NAME			SAMPLER NO. PLEASE PRINT/SIGN NAME											SPECIAL INSTRUCTIONS/NOTES							
TURNAROUND TIME REQUIRED			DELIVERABLES REQUIRED																		
<input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input type="checkbox"/> 72 HR <input type="checkbox"/> STANDARD <input type="checkbox"/> OTHER			<input type="checkbox"/> STANDARD <input type="checkbox"/> LEVEL II <input type="checkbox"/> LEVEL III <input type="checkbox"/> OTHER											<i>PCB's</i> <i>PH = 7.87</i> <i>Flow = Ø</i> <i>Temp = 62°</i>							
MATRIX CODE	GW=GROUNDWATER SL=SLUDGE	WW=WASTEWATER O=OIL	S=SOIL A=AIR	L=LIQUID W=WASTE	SD=SOLID M=MISC	# Containers & Preservatives															
MERIT LAB NO.	YEAR DATE TIME		SAMPLE TAG IDENTIFICATION-DESCRIPTION			MATRIX	# OF BOTTLES	NONE	HCL	HNO ₃	H ₂ SO ₄	NaOH	MeOH		OTHER						
<i>4937501</i>	<i>7-19-11</i>	<i>1030</i>	<i>02</i>			<i>L</i>	<i>2</i>	<i>x</i>							<i>x</i>						
<i>.02</i>	<i>11</i>	<i>11⁰⁰</i>	<i>01</i>			<i>L</i>	<i>2</i>	<i>x</i>							<i>x</i>						

RELINQUISHED BY: *[Signature]* DATE: *7-19-11* TIME: _____

RECEIVED BY: *[Signature]* DATE: *7-19-11* TIME: *1300*

RELINQUISHED BY: _____ DATE: _____ TIME: _____

RECEIVED BY: _____ DATE: _____ TIME: _____

RELINQUISHED BY: *[Signature]* DATE: *7-19-11* TIME: *1400*

RECEIVED BY: *[Signature]* DATE: *7-19-11* TIME: *1400*

SEAL NO. _____ SEAL INTACT YES NO INITIALS _____

SEAL NO. _____ SEAL INTACT YES NO INITIALS _____

NOTES: _____ TEMP. ON ARRIVAL: *45*

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