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Permit																								
Permit #: IN0003573		Permittee: GENERAL MOTORS LLC - GPS BEDFORD				Facility: GENERAL MOTORS LLC - CET BEDFORD																		
Major: Yes		Permittee Address: 105 GM DR BEDFORD, IN 474210271				Facility Location: 105 GM DR BEDFORD, IN 474210271																		
Permitted Feature: 003 External Outfall		Discharge: 003-A PROCESS & NON-PROCESS WASTEWATER AND STORM WATER																						
Report Dates & Status																								
Monitoring Period: From 11/01/23 to 11/30/23				DMR Due Date: 12/28/23				Status: NetDMR Validated																
Considerations for Form Completion																								
INDUSTRIAL MAJOR BEDFORD, LAWRENCE COUNTY																								
Principal Executive Officer																								
First Name: Mark				Title: Plant Manager				Telephone:																
Last Name: Dickman																								
No Data Indicator (NODI)																								
Form NODI: --																								
Code	Parameter Name	Monitoring Location	Season #	Param. NODI	Quantity or Loading					Quality or Concentration					# of Ex.	Frequency of Analysis	Sample Type							
					Qualifier 1	Value 1	Qualifier 2	Value 2	Units	Qualifier 1	Value 1	Qualifier 2	Value 2	Qualifier 3				Value 3	Units					
00011	Temperature, water deg. fahrenheit	1 - Effluent Gross	0	--	Sample						=	65.0	=	65.0	15 - deg F	0	01/30 - Monthly	GR - GRAB						
					Permit Req.												Req Mon MO AVG		Req Mon DAILY MX	15 - deg F	01/30 - Monthly	GR - GRAB		
					Value NODI																			
X 00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	1	--	Sample						=	22.14	=	31.0	19 - mg/L	5	03/07 - Three Per Week	24 - COMP24						
					Permit Req.																	03/07 - Three Per Week	24 - COMP24	
					Value NODI																			
00400	pH	1 - Effluent Gross	0	--	Sample						=	7.4	=	8.2	12 - SU	0	01/07 - Weekly	GR - GRAB						
					Permit Req.																	01/07 - Weekly	GR - GRAB	
					Value NODI																			
00530	Solids, total suspended	1 - Effluent Gross	0	--	Sample	<	2.437	=	2.437	26 - lb/d			=	6.5	=	6.5	19 - mg/L	0	01/30 - Monthly	24 - COMP24				
					Permit Req.	<	14.6 MO AVG	<	14.6 DAILY MX	26 - lb/d													01/30 - Monthly	24 - COMP24
					Value NODI																			
00552	Oil and grease, hexane extr method	1 - Effluent Gross	0	--	Sample	<	2.506	<	2.506	26 - lb/d			<	4.9	<	4.9	19 - mg/L	0	01/30 - Monthly	GR - GRAB				
					Permit Req.	<	14.6 MO AVG	<	14.6 DAILY MX	26 - lb/d													01/30 - Monthly	GR - GRAB
					Value NODI																			
00610	Nitrogen, ammonia total [as N]	1 - Effluent Gross	1	--	Sample							=	0.63	=	0.88	19 - mg/L	0	01/07 - Weekly	24 - COMP24					
					Permit Req.																		01/07 - Weekly	24 - COMP24
					Value NODI																			
01094	Zinc, total recoverable	1 - Effluent Gross	0	--	Sample	<	0.044	<	0.044	26 - lb/d			<	0.02	<	0.02	19 - mg/L	0	01/30 - Monthly	24 - COMP24				
					Permit Req.	<=	0.19 MO AVG	<=	0.33 DAILY MX	26 - lb/d													01/30 - Monthly	24 - COMP24
					Value NODI																			
01114	Lead, total recoverable	1 - Effluent Gross	0	--	Sample	<	0.0022	<	0.0022	26 - lb/d			<	0.001	<	0.001	19 - mg/L	0	01/30 - Monthly	24 - COMP24				
					Permit Req.	<=	0.08 MO AVG	<=	0.16 DAILY MX	26 - lb/d													01/30 - Monthly	24 - COMP24
					Value NODI																			
01119	Copper, total recoverable	1 - Effluent Gross	0	--	Sample	<	0.001125	<	0.001125	26 - lb/d			<	0.0022	<	0.0022	19 - mg/L	0	01/30 - Monthly	24 - COMP24				
					Permit Req.	<=	0.08 MO AVG	<=	0.15 DAILY MX	26 - lb/d													01/30 - Monthly	24 - COMP24
					Value NODI																			
					Sample	<	0.022	<	0.022	26 - lb/d			<	0.01	<	0.01	19 - mg/L		01/30 - Monthly	GR - GRAB				

34694	Phenol	1 - Effluent Gross	0	--	Permit Req. <=	0.18 MO AVG	<=	0.18 DAILY MX	26 - lb/d					Req Mon MO AVG		Req Mon DAILY MX	19 - mg/L	0	01/30 - Monthly	GR - GRAB		
					Value NODI																	
39516	Polychlorinated biphenyls [PCBs]	1 - Effluent Gross	0	--	Sample									<	0.095	<	0.095	28 - ug/L		01/30 - Monthly	24 - COMP24	
					Permit Req.									<	0.3 MO AVG	<	0.3 DAILY MX	28 - ug/L	0	01/30 - Monthly	24 - COMP24	
					Value NODI																	
50050	Flow, in conduit or thru treatment plant	1 - Effluent Gross	0	--	Sample	=	0.106	=	0.411	03 - MGD										05/WK - Five Per Week	TM - TOTALZ	
					Permit Req.		Req Mon MO AVG		Req Mon DAILY MX	03 - MGD										0	05/WK - Five Per Week	TM - TOTALZ
					Value NODI																	
50060	Chlorine, total residual	1 - Effluent Gross	0	--	Sample									=	0.025	=	0.03	19 - mg/L		01/07 - Weekly	GR - GRAB	
					Permit Req.									<	0.06 MO AVG	<	0.06 DAILY MX	19 - mg/L	0	01/07 - Weekly	GR - GRAB	
					Value NODI																	
82220	Flow, total	1 - Effluent Gross	0	--	Sample			=	3.064	80 - Mgal/mo											01/30 - Monthly	RT - RCOTOT
					Permit Req.				Req Mon MO TOTAL	80 - Mgal/mo										0	01/30 - Monthly	RT - RCOTOT
					Value NODI																	

Submission Note

If a parameter row does not contain any values for the Sample nor Effluent Trading, then none of the following fields will be submitted for that row: Units, Number of Excursions, Frequency of Analysis, and Sample Type.

Edit Check Errors

Parameter		Monitoring Location	Field	Type	Description	Acknowledge
Code	Name					
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	Quality or Concentration Sample Value 3	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes
00310	BOD, 5-day, 20 deg. C	1 - Effluent Gross	Quality or Concentration Sample Value 2	Soft	The provided sample value is outside the permit limit. Please verify that the value you have provided is correct.	Yes

Comments

Exceedances were present for BOD in the effluent discharge. Elevated BOD is being experienced as a result of the treatment efficiency of the biomass in the biological aeration basins. Elevated BOD is passing through the DAF clarifier as a result. Correctives to improve BOD treatment are included in the Compliance Plan as a part of the active Agreed Order.

Attachments

Name	Type	Size
IN0003573_003_MMR-2023_11.pdf	pdf	282470.0

Report Last Saved By

GENERAL MOTORS LLC - GPS BEDFORD

User: MARK.DICKMAN@GM.COM
 Name: Mark Dickman
 E-Mail: mark.dickman@gm.com
 Date/Time: 2024-06-25 08:46 (Time Zone: -04:00)

Report Last Signed By

User: MARK.DICKMAN@GM.COM
 Name: Mark Dickman
 E-Mail: mark.dickman@gm.com
 Date/Time: 2024-06-25 08:47 (Time Zone: -04:00)



Indiana Discharge Monitoring Report Form 30530 MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS

Revision Pending Approval - September 2003

FACILITY NAME AND ADDRESS:

GM Powertrain
105 GM Drive
Bedford, In 47421

PLEASE COMPLETE AND SUBMIT ONE COPY EACH MONTH.
THIS REPORT MUST BE POSTMARKED NO LATER THAN THE
28TH OF THE FOLLOWING MONTH.

Mail To: Indiana Dept. of Environmental Management
Office of Water Quality / Data Management Section
100 North Senate Avenue
Indianapolis, Indiana 46204

Facility e-mail address: scott.schutte@gm.com

I	N	0	0	0	3	5	7	3	0	0	3	A	1	1	2	3
PERMIT NUMBER									OUTFALL NO.				MO.		YR.	
EFFLUENT CHARACTERISTICS		FLOW	pH	Oil & Grease		TSS		Copper								
SAMPLE TYPE	Permit Condition	24 hr Total	Grab	Grab	Grab	24 hr Comp	24 hr Comp	24 hr Comp	24 hr Comp							
	Monitored	24 hr Total	Grab	Grab	Grab	24 hr Comp	24 hr Comp	24 hr Comp	24 hr Comp							
FREQUENCY	Permit Condition	Daily	Monthly	1/month	Monthly	1/month	Monthly	Monthly	Monthly							
	Monitored	Daily	Monthly	NA	Monthly	NA	Monthly	Monthly	Monthly							
EFFLUENT LIMITATIONS	Permit Minimum	NA	6.0	NA	NA	NA	NA	NA	NA							
	Permit Average	Report	NA	14.6	Report	14.6	Report	0.08	Report							
	Permit Maximum	Report		14.6	Report	14.6	Report	0.15	Report							
UNITS =		MGD	6 9	lbs/day	mg/L	lbs/day	mg/L	lbs/day	mg/L							
1	0.000															
2	0.000															
3	0.000															
4	0.000															
5	0.000															
6	0.209															
7	0.061			< 2.506	< 4.9			0.001125	0.0022							
8	0.045		7.46			2.437	6.5									
9	0.248															
10	0.000															
11	0.000															
12	0.000															
13	0.224															
14	0.343															
15	0.411															
16	0.261		7.36													
17	0.229															
18	0.000															
19	0.000															
20	0.000															
21	0.000															
22	0.000															
23	0.000															
24	0.000															
25	0.000															
26	0.000															
27	0.289		7.68													
28	0.362		7.9													
29	0.345		8.08													
30	0.326		8.23													
MONTHLY AVERAGE		0.112		<2.506	<4.9	2.437	6.5	<0.001125	<0.0022							
HIGHEST VALUE		0.411	8.2	<2.506	<4.9	2.437	6.5	<0.001125	<0.0022							
LOWEST VALUE		0.000	7.4	<2.506	<4.9	2.437	6.5	<0.001125	<0.0022							
NO. OF TIMES WEEKLY OR DAILY EFFL. LIMITATIONS EXCEEDED		0	0	0	0	0	0	0	0							
TOTAL FLOW		3.352														

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 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.

Scott Schutte
(SIGNATURE OF CERTIFIED OPERATOR)

6/24/2024
DATE

317.600.9507
PHONE NUMBER

WW015184
CERTIFICATION NO.

Mark Dickman
(SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT)

6/24/2024
DATE



Indiana Discharge Monitoring Report Form 30530
MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS

Revision Pending Approval - September 2003

FACILITY NAME AND ADDRESS:

GM Powertrain
 105 GM Drive
 Bedford, In 47421

PLEASE COMPLETE AND SUBMIT ONE COPY EACH MONTH.
 THIS REPORT MUST BE POSTMARKED NO LATER THAN THE
 28TH OF THE FOLLOWING MONTH.

Mail To: Indiana Dept. of Environmental Management
 Office of Water Quality / Data Management Section
 100 North Senate Avenue
 Indianapolis, Indiana 46204

I	N	0	0	0	3	5	7	3
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0	0	3	A
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1	1	2	3
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PERMIT NUMBER

OUTFALL NO.

MO.

YR.

EFFLUENT CHARACTERISTICS		BOD5	Ammonia	Total Phenolics		Lead	
SAMPLE TYPE	Permit Condition	24 hr Comp	24 hr Comp	Grab	Grab	24 hr Comp	24 hr Comp
	Monitored	24 hr Comp	24 hr Comp	Grab	Grab	24 hr Comp	24 hr Comp
FREQUENCY	Permit Condition	3x weekly	weekly	1/month	1/month	Monthly	Monthly
	Monitored	3x weekly	weekly	1/month	1/month	Monthly	Monthly
EFFLUENT LIMITATIONS	Permit Minimum	NA	N/A	NA	Report	NA	NA
	Permit Average	10/15	1.48/1.52	0.18	Report	0.08	Report
	Permit Maximum	20/30	3.43/3.54	0.18	Report	0.16	Report
UNITS		mg/L	mg/l	lbs/day	mg/L	lbs/day	mg/L
	1						
	2						
	3						
	4						
	5						
	6						
	7	16	0.58	< 0.022	< 0.010	< 0.0022	< 0.0010
	8						
	9	31					
	10						
	11						
	12						
	13						
	14	21	0.43				
	15	23					
	16	17					
	17						
	18						
	19						
	20						
	21						
	22						
	23						
	24						
	25						
	26						
	27						
	28	29	0.88				
	29	<2					
	30	18					
	31						
MONTHLY AVERAGE		22.14	0.63	<0.022	<0.010	<0.0022	<0.0010
HIGHEST VALUE		31	0.88	<0.022	<0.010	<0.0022	<0.0010
LOWEST VALUE		16	0.43	<0.022	<0.010	<0.0022	<0.0010
NO. OF TIMES WEEKLY OR DAILY EFFL. LIMITATIONS EXCEEDED		4	0	0	0	0	0

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 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.

 Scott Schutte
 (SIGNATURE OF CERTIFIED OPERATOR)

 6/24/2024
 Date

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 (SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT)

 6/24/2024
 DATE



**Indiana Discharge Monitoring Report Form 30530
MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS**

Revision Pending Approval - September 2003

FACILITY NAME AND ADDRESS:

GM Powertrain
105 GM Drive
Bedford, In 47421

PLEASE COMPLETE AND SUBMIT ONE COPY EACH MONTH.
THIS REPORT MUST BE POSTMARKED NO LATER THAN THE
28TH OF THE FOLLOWING MONTH.

Mail To: Indiana Dept. of Environmental Management
Office of Water Quality / Data Management Section
100 North Senate Avenue
Indianapolis, Indiana 46204

1	N	0	0	0	3	5	7	3
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0	0	3	A
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1	1	2	3
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PERMIT NUMBER

OUTFALL NO.

MO.

YR.

EFFLUENT CHARACTERISTICS		PCB	Mercury	Total Zinc		Temperature
SAMPLE TYPE	Permit Condition	24 hr Comp	Grab	24 hr Comp	24 hr Comp	Grab
	Monitored	24 hr Comp	Grab	24 hr Comp	24 hr Comp	Grab
FREQUENCY	Permit Condition	Monthly	Bi-Monthly	1/month	1/month	Monthly
	Monitored	Monthly	Bi-Monthly	1/month	1/month	Monthly
EFFLUENT LIMITATIONS	Permit Minimum	NA	NA	NA	NA	NA
	Permit Average	0.3	0.000012000	0.19	Report	Report
	Permit Maximum	0.3	0.000020000	0.33	Report	Report
UNITS		µg/L	mg/L	lbs/day	mg/L	°F
	1					
	2					
	3					
	4					
	5					
	6					
	7	< 0.095		< 0.044	< 0.020	65
	8					
	9					
	10					
	11					
	12					
	13					
	14					
	15					
	16					
	17					
	18					
	19					
	20					
	21					
	22					
	23					
	24					
	25					
	26					
	27					
	28					
	29					
	30					
	31					
MONTHLY AVERAGE		<0.095		<0.044	<0.02	65.00
HIGHEST VALUE		<0.095		<0.044	<0.02	65
LOWEST VALUE		<0.095		<0.044	<0.02	65
NO. OF TIMES WEEKLY OR DAILY EFFL. LIMITATIONS EXCEEDED		0	0	0	0	0

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Indiana Discharge Monitoring Report Form 30530
MONTHLY MONITORING REPORT (MMR) FOR INDUSTRIAL DISCHARGE PERMITS

Revision Pending Approval - September 2003



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 100 North Senate Avenue
 Indianapolis, Indiana 46204

Facility e-mail address: scott.schutte@gm.com

I	N	0	0	0	3	5	7	3	0	0	3	A	1	1	2	3
PERMIT NUMBER								OUTFALL NO.				MO.		YR.		

EFFLUENT CHARACTERISTICS		Total Residual Chlorine				
SAMPLE TYPE	Permit Condition	Grab	Grab	Grab	Grab	Grab
	Monitored	Grab	Grab	Grab	Grab	Grab
FREQUENCY	Permit Condition	Weekly	Weekly	Monthly	Weekly	Weekly
	Monitored	Weekly	Weekly	Monthly	Weekly	Weekly
EFFLUENT	Permit Minimum	NA	NA	NA	NA	NA
	Permit Average	0.06	Report	Report	Report	Report
	Permit Maximum	0.06	Report	Report	Report	Report
UNITS =		mg/L	mg/L	mg/L	mg/L	mg/L
1						
2						
3						
4						
5						
6						
7						
8		<0.02				
9						
10						
11						
12						
13						
14						
15						
16		<0.02				
17						
18						
19						
20						
21						
22						
23						
24						
25						
26						
27						
28						
29						
30		0.03				
31						
MONTHLY AVERAGE		0.025				
HIGHEST VALUE		0.03				
LOWEST VALUE		<0.02				
NO. OF TIMES WEEKLY OR DAILY EFFL. LIMITATIONS EXCEEDED		0	0	0	0	0

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