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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 12/01/23 to 12/31/23				DMR Due Date:				01/28/24				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						=	56.5		=	57.3	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	2	--	Sample						=	11.31		=	34.7	19 - mg/L	2	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					=	8.53		=	8.9	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	<	7.667	<	7.667	26 - lb/d		<	4.0	<	4.0	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	<	9.2	<	9.2	26 - lb/d		<	4.8	<	4.8	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	2	--	Sample						=	1.07		=	1.2	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	<	0.00192	<	0.00192	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	<	0.006134	<	0.006134	26 - lb/d		<	0.0032	<	0.0032	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	<	0.0192	<	0.0192	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													<	0.096	<	0.096	28 - ug/L	0	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	=	0.173	=	0.691	03 - MGD												0	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													=	0.0167	=	0.03	19 - mg/L	0	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																				
71901	Mercury, total recoverable	1 - Effluent Gross	0	--	Sample													=	1.4	=	1.4	3M - ng/L	0	06/YR - Six Per Year	GR - GRAB
					Permit Req.													<=	12.0 MO AVG	<=	20.0 DAILY MX	3M - ng/L	0	06/YR - Six Per Year	GR - GRAB
					Value NODI																				
82220	Flow, total	1 - Effluent Gross	0	--	Sample			=	5.193	80 - Mgal/mo												0	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

Comments

Non-compliance for BOD as a result of inefficiency of the biomass to reduce BOD through the biological treatment system. Ongoing projects and additional action items to improve treatment efficiency are included in the Compliance Plan as apart of the current Agreed Order.

Attachments

Name	Type	Size
IN0003573_003_MMR_2023_12.pdf	pdf	63936.0

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 09:03 (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 09:03 (Time Zone: -04:00)