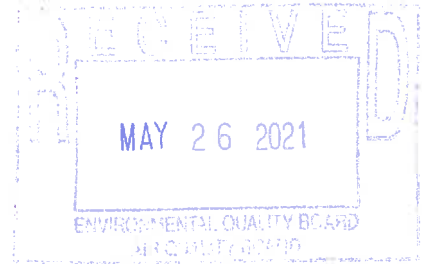




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May 26, 2021



VIA ELECTRONIC DELIVERY AND U.S. MAIL

Jackie D. Shultz, Clerk
West Virginia Environmental Quality Board
601 57th Street, SE
Charleston, WV 25304

Re: *Amsted Graphite Materials LLC V. Division of Water and Waste Management,
West Virginia Department of Environmental Protection,
Appeal No. _____.*

Dear Ms. Shultz:

Enclosed for filing are the original and six copies of Amsted Graphite Material LLC's "Notice of Appeal" in the above-referenced matter. Complete copies of same have this day been served upon Appellee and the West Virginia Department of Environmental Protection Office of Legal Services by U.S. Mail and electronic mail.

Thank you for your attention to this matter.

Very truly yours,

A handwritten signature in blue ink that reads 'Allyn G. Turner'. Below the signature is the printed name 'Allyn G. Turner' in a black serif font.

Allyn G. Turner

AGT/ssc
Enclosures

cc (w/encls.): Director, Division of Waste and Water Management, WVDEP (by U.S. Mail)
Office of Legal Services, WVDEP (by E-mail)

WEST VIRGINIA ENVIRONMENTAL QUALITY BOARD
CHARLESTON, WEST VIRGINIA

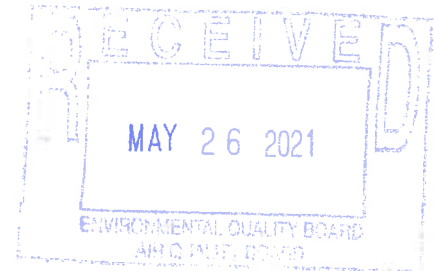
AMSTED GRAPHITE MATERIALS LLC
Appellant,

v.

DIVISION OF WATER AND WASTE
MANAGEMENT, WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL
PROTECTION,

Appellee.

Appeal No. 21-04-EQB



NOTICE OF APPEAL

The Appellant named above, Amsted Graphite Materials LLC (“AGM”), by and through its undersigned counsel, respectfully submits that it is aggrieved by certain terms and conditions of WV/NPDES Permit No. WV0004707 (the “Permit”) issued by the West Virginia Department of Environmental Protection (“WVDEP”) on or about April 28, 2021, and received by AGM on or about April 28, 2021, for AGM’s carbon and graphite manufacturing facility located in Anmoore, Harrison County, West Virginia. A copy of the Permit is attached as Exhibit A to this Notice of Appeal. The Permit is a renewal and amends certain terms and conditions of the previously issued WV/NPDES Permit No. WV0004707 (“Permit”). AGM respectfully requests that this appeal be reviewed and that the West Virginia Environmental Quality Board (the “Board”) grant the following relief:

Relief Requested:

1. For Outlet 009, which is being replaced by new Outlet 050, eliminate effluent limits to recognize the new nature of this outlet as one that will only discharge, if at all,

in the event of precipitation and runoff events exceeding the properly designed features of Outlet 050, or in other unanticipated bypass or upset situations;

2. For Outlet 009, revise the Permit to allow Outlet 050 to serve as a representative outlet for any discharges that may occur from Outlet 009;
3. For Outlet 009 and 050, remove the Whole Effluent Toxicity (“WET”) testing requirement as the testing should not and cannot properly be carried out for these intermittent discharges;
4. For Outlet 015, remove this stormwater outlet from the Permit;
5. For Outlet 039, revise the Permit to reflect that this outlet is a stormwater-only outlet, with no groundwater being discharged from this outlet;
6. For Outlet 039, revise the Permit to reflect that Outlet 038 is the representative outlet for Outlet 039 and eliminate duplicative sampling requirements for this outlet;
7. For the Schedule of Compliance set forth in Section B, Pages 64 and 65 of the Permit, revise the Schedule of Compliance to include additional time for complete characterization through collection of sufficient data needed for a full evaluation and characterization of any discharges of PAHs, WET, temperature, copper, lead, zinc and aluminum through Outlets 003, 009, 050, and for WET, zinc and nitrite nitrogen at Outlet 030 in order to meaningfully design and engineer any necessary upgrades or modifications to the facility. Notably, most of these outlets discharge intermittently;

8. In Section C of the Permit, revise C.28 to clarify that the daily inspection log should occur on weekdays, as operations at the AGM site occur primarily on weekdays, with no movement of materials taking place on the weekends;
9. In Section C of the Permit, revise C.29 to eliminate uncertainty in reporting on outlets where no discharge has been observed, and to be consistent with Condition C.14 setting forth instructions on when samples need to be taken for stormwater outlets; and
10. Grant such other and further relief as the Board deems appropriate and just.

Specific Objections:

The facts alleged relevant to this appeal and the specific objections on which this appeal is based, including questions of fact and questions of law to be determined by the Board, are set forth in detail and attached hereto as Exhibit B.



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Counsel for Amsted Graphite Material LLC



STATE OF WEST VIRGINIA
 DEPARTMENT OF ENVIRONMENTAL PROTECTION
 DIVISION OF WATER AND WASTE MANAGEMENT
 601 57TH STREET SE
 CHARLESTON, WV 25304-2345

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 WATER POLLUTION CONTROL PERMIT

NPDES PERMIT NO.: WV0004707
SUBJECT: Industrial Waste

ISSUE DATE: April 28, 2021
EFFECTIVE DATE : June 01, 2021
EXPIRATION DATE: April 27, 2026
SUPERSEDES: Permit No. WV0004707
 dated June 29, 2010

LOCATION: ANMOORE	Harrison	West Fork River
(City)	(County)	(Drainage Basin)

See the next page for a list of Outlets.

TO WHOM IT MAY CONCERN:

This is to certify that: AMSTED GRAPHITE MATERIALS LLC
 2698 PHILIPPI PIKE
 PO BOX 120
 ANMOORE, WV 26232

is hereby granted a West Virginia NPDES Water Pollution Control Permit to:

operate and maintain treatment and disposal systems and best management practices for the direct discharge of industrial wastewater (cooling water, process water, groundwater) and storm water runoff through Outlets 003 and 009 into Anmoore Run and Outlet 050 into an unnamed tributary of Anmoore Run approximately 2 miles from its confluence with Elk Creek, a tributary of the West Fork River, a tributary of the Monongahela River.

Also to operate and maintain disposal systems and best management practices for the direct discharge of untreated groundwater and storm water runoff through Outlets 027, 030, and 039 into Anmoore Run approximately 2 miles from its confluence with Elk Creek, a tributary of the West Fork River, a tributary of the Monongahela River.

Also to operate and maintain disposal systems and best management practices for the direct discharge of untreated storm water runoff and roof drains through Outlets 011, 015-017, 019-023, 026, 028, 029, 033, 035-038, 040-043, 045, 047, and 048 into Anmoore Run approximately 2 miles from its confluence with Elk Creek of the West Fork River, a tributary of the Monongahela River.

This permit is subject to the following terms and conditions :

The information submitted on and with Permit Application No. WV0004707 dated January 30, 2015 and Modification Application No. B submitted August 7, 2014 are all hereby made terms and conditions of this Permit with like effects as if all such permit application information were set forth herein, and other conditions set forth in Sections A, B, C, and Appendix A.

The validity of this permit is contingent upon the payment of the applicable annual permit fee, as required by Chapter 22, Article 11, Section 10 of the Code of West Virginia.

Inspectable Unit	Latitude	Longitude	Receiving Stream	Dist. to Stream Mouth (in Mile)	Milepost
003	39°15'00"	80°17'04"	ANMOORE RN	2	N/A
009	39°15'00"	80°17'04"	ANMOORE RN	2	N/A
011	39°15'33"	80°17'50"	ANMOORE RN	N/A	N/A
015	39°15'28"	80°17'43"	ANMOORE RN	N/A	N/A
016	39°15'28"	80°17'43"	ANMOORE RN -- No Monitoring Required	N/A	N/A
017	39°15'28"	80°17'42"	ANMOORE RN -- No Monitoring Required	N/A	N/A
019	39°15'00"	80°17'03"	ANMOORE RN	N/A	N/A
020	39°15'28"	80°17'42"	ANMOORE RN -- No Monitoring Required	N/A	N/A
021	39°15'28"	80°17'52"	ANMOORE RN -- No Monitoring Required	N/A	N/A
022	39°15'28"	80°17'42"	ANMOORE RN	N/A	N/A
023	39°15'28"	80°17'41"	ANMOORE RN	N/A	N/A
026	39°15'25"	80°17'40"	ANMOORE RN	N/A	N/A
027	39°15'25"	80°17'40"	ANMOORE RN -- No Monitoring Required	N/A	N/A
028	39°15'25"	80°17'39"	ANMOORE RN -- No Monitoring Required	N/A	N/A
029	39°15'25"	80°17'38"	ANMOORE RN -- No Monitoring Required	N/A	N/A
030	39°15'25"	80°17'38"	ANMOORE RN	N/A	N/A
033	39°15'25"	80°17'37"	ANMOORE RN -- No Monitoring Required	N/A	N/A
035	39°15'25"	80°17'37"	ANMOORE RN -- No Monitoring Required	N/A	N/A
036	39°15'25"	80°17'37"	ANMOORE RN	N/A	N/A
037	39°15'25"	80°17'35"	ANMOORE RN	N/A	N/A
038	39°15'00"	80°17'06"	ANMOORE RN	N/A	N/A
039	39°15'23"	80°17'33"	ANMOORE RN	N/A	N/A
040	39°15'24"	80°17'35"	ANMOORE RN -- No Monitoring Required	N/A	N/A
041	39°15'18"	80°17'34"	ANMOORE RN -- No Monitoring Required	N/A	N/A
042	39°15'21"	80°17'33"	ANMOORE RN -- No Monitoring Required	N/A	N/A
043	39°15'21"	80°17'33"	ANMOORE RN	N/A	N/A
045	39°15'19"	80°17'32"	ANMOORE RN	N/A	N/A
047	39°15'19"	80°17'32"	ANMOORE RN -- No Monitoring Required	N/A	N/A
048	39°15'34"	80°17'51"	ANMOORE RN	N/A	N/A

Inspectable Unit	Latitude	Longitude	Receiving Stream	Dist. to Stream Mouth (in Mile)	Milepost
050	39°15'11"	80°17'48"	Unnamed Tributary Of ANMOORE RN	0.75	N/A
097	39°15'11"	80°17'24"	ANMOORE RN	N/A	N/A
098	39°15'11"	80°17'24"	ANMOORE RN	N/A	N/A

A.003 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 003 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>						<u>Monitoring Requirements</u>		
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>		<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	
50050 - (Flow, in Conduit or thru plant) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mgd	1/month	Estimated
00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	30 Avg. Monthly	60 Max. Daily	mg/l	1/week	Comp
00400 - (pH) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	6 Inst. Min.	N/A	9 Inst. Max.	S.U.	1/month	Grab
00300 - (Dissolved Oxygen) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	Rpt Only Inst. Min.	Rpt Only Avg. Monthly	N/A	mg/l	1/month	Grab
01119 - (Copper, Total Recoverable) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	0.01 Avg. Monthly	0.022 Max. Daily	mg/l	1/month	Comp
01114 - (Lead, Total Recoverable) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	0.004 Avg. Monthly	0.011 Max. Daily	mgd	1/month	Comp
01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Comp
00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	1.17 Avg. Monthly	2.36 Max. Daily	mg/l	1/month	Comp

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 003 steel collection box located at Ann Moore Run

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.003 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 003 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Other Units		Units	Monitoring Requirements	
	Quantity		Units	N/A	Avg. Monthly	Max. Daily		Measurement Frequency	Sample Type
00940 - (Chloride (as Cl)) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	188 Avg. Monthly	367 Max. Daily	mg/l	1/month	Comp
61426 - (Chronic Tox-Ceriodaphnia Du (Year Round) (ML-1) (RF-B) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	TUc	1/quarter	Comp
61426 - (Chronic Tox-Ceriodaphnia Du (Year Round) (ML-1) (RF-B) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	0.5 Avg. Monthly	1.55 Max. Daily	TUc	1/quarter	Comp
61428 - (Chronic Toxicity - Pimephales (Year Round) (ML-1) (RF-D)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	TUc	1/year	Comp
34526 - (Benzo (A) Anthracene) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/month	Comp
34526 - (Benzo (A) Anthracene) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	3.8 Avg. Monthly	7.4 Max. Daily	NG/L	1/month	Comp
34320 - (Chrysene) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/month	Comp
34320 - (Chrysene) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	3.8 Avg. Monthly	7.3 Max. Daily	NG/L	1/month	Comp

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
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A.003 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 003 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Other Units		Units	Monitoring Requirements	
	Quantity	Units	Units	Units	Avg. Monthly	Max. Daily		Measurement Frequency	Sample Type
34230 - (Benzo (B) Fluoranthene) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/month	Comp
34230 - (Benzo (B) Fluoranthene) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	3.8 Avg. Monthly	8.7 Max. Daily	NG/L	1/month	Comp
34242 - (Benzo (K) Fluoranthene) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/month	Comp
34242 - (Benzo (K) Fluoranthene) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	3.8 Avg. Monthly	6.9 Max. Daily	NG/L	1/month	Comp
34247 - (Benzo (A) Pyrene) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/month	Comp
34247 - (Benzo (A) Pyrene) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	3.8 Avg. Monthly	11 Max. Daily	NG/L	1/month	Comp
34556 - (Dibenzo (A,H) Anthracene) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/month	Comp
34556 - (Dibenzo (A,H) Anthracene) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	3.8 Avg. Monthly	9.9 Max. Daily	NG/L	1/month	Comp

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 003 steel collection box located at Ann Moore Run

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.003 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 003 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Monitoring Requirements		Units	Measurement Frequency	Sample Type
	Quantity	Units	Other Units	Units	Frequency	Type			
34403 - (Indeno (1,2,3-cd) Pyrene) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/month	Comp
34403 - (Indeno (1,2,3-cd) Pyrene) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	3.8 Avg. Monthly	10 Max. Daily	NG/L	1/month	Comp
00070 - (Turbidity) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NTU	5days/week	Grab
00018 - (Temp. Diff. Discharge/Upstream) (Year Round) (ML-2) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Calculated
Difference between upstream and effluent.									
00018 - (Temp. Diff. Discharge/Upstream) (Year Round) (ML-2) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	5 Max. Daily	DEG.F	1/month	Calculated
Difference between upstream and effluent.									
00011 - (Temperature, F) (Year Round) (ML-5) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Upstream/Intake Temperature									
00011 - (Temperature, F) (January 1-31) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature									
00011 - (Temperature, F) (February 1-28) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature									

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 003 steel collection box located at Ann Moore Run

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.003 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 003 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Monitoring Requirements</u>				
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>	<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>		
00011 - (Temperature, F) (March 1-31) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature									
00011 - (Temperature, F) (April 1-30) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature									
00011 - (Temperature, F) (April 1-30) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	63 Avg. Monthly	73 Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature									
00011 - (Temperature, F) (May 1-31) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature									
00011 - (Temperature, F) (June 1-30) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature									
00011 - (Temperature, F) (July 1-31) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature									
00011 - (Temperature, F) (August 1-31) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature									
00011 - (Temperature, F) (September 1-30) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature									

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 003 steel collection box located at Ann Moore Run

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.003 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 003 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Monitoring Requirements</u>				
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>	<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>		
00011 - (Temperature, F) (October 1-31) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature									
00011 - (Temperature, F) (November 1-30) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature									
00011 - (Temperature, F) (December 1-31) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature									
81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/month	Comp
00552 - (Oil and Grease, Hexane EXT) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	10 Avg. Monthly	15 Max. Daily	mg/l	1/week	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 003 steel collection box located at Ann Moore Run

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.009 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 009 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Other Units		Units	Monitoring Requirements	
	Quantity	Units	Units	Units	Avg. Monthly	Max. Daily		Measurement Frequency	Sample Type
50050 - (Flow, in Conduit or thru plant) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mgd	1/month	measured
00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	30 Avg. Monthly	60 Max. Daily	mg/l	1/week	Comp
00400 - (pH) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	6 Inst. Min.	N/A	9 Inst. Max.	S.U.	1/week	Grab
00300 - (Dissolved Oxygen) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	Rpt Only Inst. Min.	Rpt Only Avg. Monthly	N/A	mg/l	1/month	Grab
50060 - (Chlorine, Total Residual) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	9 Avg. Monthly	18 Max. Daily	ug/l	1/month	Grab
01119 - (Copper, Total Recoverable) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/month	Comp
01119 - (Copper, Total Recoverable) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	0.01 Avg. Monthly	0.022 Max. Daily	mg/l	1/month	Comp
01114 - (Lead, Total Recoverable) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/month	Comp

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 009 weir at concrete collection box adjacent to recirculating pump station.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.009 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 009 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Other Units		Units	Monitoring Requirements	
	Quantity	Units	Units	Units	Avg. Monthly	Max. Daily		Measurement Frequency	Sample Type
01114 - (Lead, Total Recoverable) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	0.004 Avg. Monthly	0.011 Max. Daily	mg/l	1/month	Comp
01074 - (Nickel, Total Recoverable) (Year Round) (ML-1) (RF-D)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/year	Comp
01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/month	Comp
01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	0.34 Avg. Monthly	0.75 Max. Daily	mg/l	1/month	Comp
00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	1.1 Avg. Monthly	2.5 Max. Daily	mg/l	1/month	Comp
00940 - (Chloride (as Cl)) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	191 Avg. Monthly	355 Max. Daily	mg/l	1/month	Comp
61425 - (Acute Tox - Ceriodaphnia Dut) (Year Round) (ML-1) (RF-B) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	TUa	1/quarter	Comp
61425 - (Acute Tox - Ceriodaphnia Dut) (Year Round) (ML-1) (RF-B) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	0.08 Avg. Monthly	0.17 Max. Daily	TUa	1/quarter	Comp

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 009 weir at concrete collection box adjacent to recirculating pump station.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.009 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 009 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Other Units		Units	Monitoring Requirements	
	Quantity	Units	Units	Units	Avg. Monthly	Max. Daily		Measurement Frequency	Sample Type
61427 - (Acute Toxicity - Pimephales) (Year Round) (ML-1) (RF-B) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	TUa	1/quarter	Comp
96-Hour Acute Toxicity Test Required.									
61427 - (Acute Toxicity - Pimephales) (Year Round) (ML-1) (RF-B) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	0.087 Avg. Monthly	0.15 Max. Daily	TUa	1/quarter	Comp
96-Hour Acute Toxicity Test Required.									
34526 - (Benzo (A) Anthracene) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/month	Comp
34526 - (Benzo (A) Anthracene) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	3.8 Avg. Monthly	9.9 Max. Daily	NG/L	1/month	Comp
34320 - (Chrysene) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/month	Comp
34320 - (Chrysene) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	3.8 Avg. Monthly	10 Max. Daily	NG/L	1/month	Comp
34230 - (Benzo (B) Fluoranthene) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/month	Comp
34230 - (Benzo (B) Fluoranthene) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	3.8 Avg. Monthly	9.8 Max. Daily	NG/L	1/month	Comp

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 009 weir at concrete collection box adjacent to recirculating pump station.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.009 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 009 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Other Units		Units	Monitoring Requirements	
	Quantity	Units	Other Units	Other Units	Units	Measurement Frequency		Sample Type	
34242 - (Benzo (K) Fluoranthene) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/month	Comp
34242 - (Benzo (K) Fluoranthene) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	3.8 Avg. Monthly	8.6 Max. Daily	NG/L	1/month	Comp
34247 - (Benzo (A) Pyrene) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/month	Comp
34247 - (Benzo (A) Pyrene) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	3.8 Avg. Monthly	9.9 Max. Daily	NG/L	1/month	Comp
34556 - (Dibenzo (A,H) Anthracene) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/month	Comp
34556 - (Dibenzo (A,H) Anthracene) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	3.8 Avg. Monthly	7.7 Max. Daily	NG/L	1/month	Comp
34403 - (Indeno (1,2,3-cd) Pyrene) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/month	Comp
34403 - (Indeno (1,2,3-cd) Pyrene) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	3.8 Avg. Monthly	9.4 Max. Daily	NG/L	1/month	Comp

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 009 weir at concrete collection box adjacent to recirculating pump station.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.009 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 009 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Other Units		Units	Monitoring Requirements	
	Quantity	Units	Units	Units	Rpt Only	Rpt Only		Measurement Frequency	Sample Type
00070 - (Turbidity) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NTU	5days/week	Grab
00018 - (Temp. Diff. Discharge/Upstream) (Year Round) (ML-2) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	5 Max. Daily	DEG.F	1/month	Calculated
Difference between upstream and effluent.									
00011 - (Temperature, F) (Year Round) (ML-5) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Upstream/Intake Temperature.									
00011 - (Temperature, F) (January 1-31) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature.									
00011 - (Temperature, F) (February 1-28) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature.									
00011 - (Temperature, F) (March 1-31) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature.									
00011 - (Temperature, F) (April 1-30) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	63 Avg. Monthly	73 Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature.									
00011 - (Temperature, F) (May 1-31) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature.									

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 009 weir at concrete collection box adjacent to recirculating pump station.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.009 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 009 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Monitoring Requirements</u>				
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>	<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>		
00011 - (Temperature, F) (June 1-30) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature.									
00011 - (Temperature, F) (July 1-31) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	75 Avg. Monthly	87 Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature.									
00011 - (Temperature, F) (August 1-31) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature.									
00011 - (Temperature, F) (September 1-30) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature.									
00011 - (Temperature, F) (October 1-31) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature.									
00011 - (Temperature, F) (November 1-30) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature.									
00011 - (Temperature, F) (December 1-31) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature.									
81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/month	Comp

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 009 weir at concrete collection box adjacent to recirculating pump station.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.009 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 009 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Quantity</u>		<u>Discharge Limitations</u>				<u>Monitoring Requirements</u>		
			<u>Units</u>	<u>Other Units</u>		<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	
00552 - (Oil and Grease, Hexane EXT: (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	10	15	mg/l	1/week	Grab
					Avg. Monthly	Max. Daily			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 009 weir at concrete collection box adjacent to recirculating pump station.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.011 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 011 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Other Units</u>		<u>Units</u>	<u>Monitoring Requirements</u>	
	<u>Quantity</u>		<u>Units</u>					<u>Measurement Frequency</u>	<u>Sample Type</u>
50050 - (Flow, in Conduit or thru plant) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mgd	1/quarter	Estimated
00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
00400 - (pH) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	S.U.	1/quarter	Grab
01119 - (Copper, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01074 - (Nickel, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
00940 - (Chloride (as Cl)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
34469 - (Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
From discharge pipe at outlet 011

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.011 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 011 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Other Units</u>		<u>Units</u>	<u>Monitoring Requirements</u>	
	<u>Quantity</u>		<u>Units</u>					<u>Measurement Frequency</u>	<u>Sample Type</u>
34526 - (Benzo (A) Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34320 - (Chrysene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34376 - (Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34381 - (Fluorene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34205 - (Acenaphthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34220 - (Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34230 - (Benzo (B) Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34242 - (Benzo (K) Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
From discharge pipe at outlet 011

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.011 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 011 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Other Units</u>		<u>Units</u>	<u>Monitoring Requirements</u>	
	<u>Quantity</u>		<u>Units</u>					<u>Measurement Frequency</u>	<u>Sample Type</u>
34247 - (Benzo (A) Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34556 - (Dibenzo (A,H) Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34403 - (Indeno (1,2,3-cd) Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
00070 - (Turbidity) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NTU	1/quarter	Grab
01045 - (Iron, Total (as Fe)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	1.5 Max. Daily	mg/l	1/quarter	Grab
00552 - (Oil and Grease, Hexane EXT) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
From discharge pipe at outlet 011

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.015 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 015 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Other Units</u>		<u>Units</u>	<u>Monitoring Requirements</u>	
	<u>Quantity</u>		<u>Units</u>					<u>Measurement Frequency</u>	<u>Sample Type</u>
50050 - (Flow, in Conduit or thru plant) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mgd	1/quarter	Estimated
00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
00400 - (pH) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	S.U.	1/quarter	Grab
01119 - (Copper, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01114 - (Lead, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01074 - (Nickel, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
00940 - (Chloride (as Cl)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Storm Water Rt. 58 - No UCAR Discharge

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.015 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 015 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Other Units</u>		<u>Units</u>	<u>Monitoring Requirements</u>	
	<u>Quantity</u>		<u>Units</u>	<u>Units</u>	<u>Avg. Monthly</u>	<u>Max. Daily</u>		<u>Measurement Frequency</u>	<u>Sample Type</u>
34469 - (Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34526 - (Benzo (A) Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34320 - (Chrysene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34376 - (Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34381 - (Fluorene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34205 - (Acenaphthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34220 - (Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34230 - (Benzo (B) Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Storm Water Rt. 58 - No UCAR Discharge

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.015 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 015 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Monitoring Requirements		Units	Measurement Frequency	Sample Type
	Quantity		Units	Other Units	Units	Frequency			
34242 - (Benzo (K) Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34247 - (Benzo (A) Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34556 - (Dibenzo (A,H) Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34403 - (Indeno (1,2,3-cd) Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
00070 - (Turbidity) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NTU	1/quarter	Grab
01045 - (Iron, Total (as Fe)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
00552 - (Oil and Grease, Hexane EXT) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Storm Water Rt. 58 - No UCAR Discharge

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.019 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 019 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>						<u>Monitoring Requirements</u>		
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>		<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	
50050 - (Flow, in Conduit or thru plant) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mgd	1/quarter	Estimated
00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/6 months	Grab
00400 - (pH) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	S.U.	1/quarter	Grab
01119 - (Copper, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01114 - (Lead, Total Recoverable) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01074 - (Nickel, Total Recoverable) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
00940 - (Chloride (as Cl)) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/6 months	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
75 feet south of Outlet 003 below Carbon No. 1 substation.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.019 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 019 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Other Units</u>		<u>Units</u>	<u>Monitoring Requirements</u>	
	<u>Quantity</u>		<u>Units</u>					<u>Measurement Frequency</u>	<u>Sample Type</u>
34469 - (Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34526 - (Benzo (A) Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34320 - (Chrysene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34376 - (Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34381 - (Fluorene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34205 - (Acenaphthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34220 - (Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34230 - (Benzo (B) Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
75 feet south of Outlet 003 below Carbon No. 1 substation.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.019 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 019 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Other Units</u>		<u>Units</u>	<u>Monitoring Requirements</u>	
	<u>Quantity</u>		<u>Units</u>	<u>Units</u>	<u>Units</u>	<u>Units</u>		<u>Measurement Frequency</u>	<u>Sample Type</u>
34242 - (Benzo (K) Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34247 - (Benzo (A) Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34556 - (Dibenzo (A,H) Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34403 - (Indeno (1,2,3-cd) Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
00070 - (Turbidity) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NTU	1/quarter	Grab
01045 - (Iron, Total (as Fe)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
00552 - (Oil and Grease, Hexane EXTI) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/6 months	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
75 feet south of Outlet 003 below Carbon No. 1 substation.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.022 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 022 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Other Units		Units	Monitoring Requirements	
	Quantity		Units					Measurement Frequency	Sample Type
50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mgd	1/quarter	Estimated
00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
00400 - (pH) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	S.U.	1/quarter	Grab
01119 - (Copper, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01114 - (Lead, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01074 - (Nickel, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
00940 - (Chloride (as Cl)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Road Drain and Roof Drains From Bldgs. 23 and 24

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.022 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 022 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Other Units</u>		<u>Units</u>	<u>Monitoring Requirements</u>	
	<u>Quantity</u>	<u>Units</u>	<u>Units</u>	<u>Units</u>	<u>Units</u>	<u>Measurement Frequency</u>		<u>Sample Type</u>	
34469 - (Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34526 - (Benzo (A) Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34320 - (Chrysene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34376 - (Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34381 - (Fluorene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34205 - (Acenaphthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34220 - (Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34230 - (Benzo (B) Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Road Drain and Roof Drains From Bldgs. 23 and 24

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.022 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 022 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Other Units</u>		<u>Units</u>	<u>Monitoring Requirements</u>	
	<u>Quantity</u>		<u>Units</u>		<u>Rpt Only</u>	<u>Rpt Only</u>		<u>Measurement Frequency</u>	<u>Sample Type</u>
34242 - (Benzo (K) Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34247 - (Benzo (A) Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34556 - (Dibenzo (A,H) Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34403 - (Indeno (1,2,3-cd) Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
00070 - (Turbidity) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NTU	1/quarter	Grab
01045 - (Iron, Total (as Fe)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
00552 - (Oil and Grease, Hexane EXTF) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Road Drain and Roof Drains From Bldgs. 23 and 24

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.023 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 023 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations						Monitoring Requirements		
	Quantity		Units	Other Units		Units	Measurement Frequency	Sample Type	
50050 - (Flow, in Conduit or thru plant) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mgd	1/quarter	Estimated
00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/6 months	Grab
00400 - (pH) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	S.U.	1/quarter	Grab
01119 - (Copper, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01114 - (Lead, Total Recoverable) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01074 - (Nickel, Total Recoverable) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
00940 - (Chloride (as Cl)) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/6 months	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Storm Water Drains & Roof Drains Bldgs. 5 & 6

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.023 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 023 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Other Units</u>		<u>Units</u>	<u>Monitoring Requirements</u>	
	<u>Quantity</u>		<u>Units</u>					<u>Measurement Frequency</u>	<u>Sample Type</u>
34469 - (Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34526 - (Benzo (A) Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34320 - (Chrysene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34376 - (Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34381 - (Fluorene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34205 - (Acenaphthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34220 - (Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34230 - (Benzo (B) Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Storm Water Drains & Roof Drains Bldgs. 5 & 6

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.023 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 023 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Monitoring Requirements</u>				
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>	<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>		
34242 - (Benzo (K) Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34247 - (Benzo (A) Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34556 - (Dibenzo (A,H) Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34403 - (Indeno (1,2,3-cd) Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
00070 - (Turbidity) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NTU	1/quarter	Grab
01045 - (Iron, Total (as Fe)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
00552 - (Oil and Grease, Hexane EXTRACTABLE) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/6 months	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Storm Water Drains & Roof Drains Bldgs. 5 & 6

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.026 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 026 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Other Units		Units	Monitoring Requirements	
	Quantity		Units		Avg. Monthly	Max. Daily		Measurement Frequency	Sample Type
50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mgd	1/quarter	Estimated
00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/6 months	Grab
00400 - (pH) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	S.U.	1/quarter	Grab
01119 - (Copper, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01114 - (Lead, Total Recoverable) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01074 - (Nickel, Total Recoverable) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Roof Drains Bldgs. 16, 17, 23, 24 - Road Drains - Surface Water

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.026 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 026 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Monitoring Requirements</u>				
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>	<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>		
00940 - (Chloride (as Cl)) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/6 months	Grab
34469 - (Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34526 - (Benzo (A) Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34320 - (Chrysene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34376 - (Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34381 - (Fluorene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34205 - (Acenaphthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34220 - (Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Roof Drains Bldgs. 16, 17, 23, 24 - Road Drains - Surface Water

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.026 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 026 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Other Units</u>		<u>Units</u>	<u>Monitoring Requirements</u>	
	<u>Quantity</u>		<u>Units</u>					<u>Measurement Frequency</u>	<u>Sample Type</u>
34230 - (Benzo (B) Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34242 - (Benzo (K) Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34247 - (Benzo (A) Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34556 - (Dibenzo (A,H) Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34403 - (Indeno (1,2,3-cd) Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
00070 - (Turbidity) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NTU	1/quarter	Grab
00552 - (Oil and Grease, Hexane EXT) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/6 months	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Roof Drains Bldgs. 16, 17, 23, 24 - Road Drains - Surface Water

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.030 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 030 (Storm Water Runoff, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Other Units		Units	Monitoring Requirements	
	Quantity		Units					Measurement Frequency	Sample Type
50050 - (Flow, in Conduit or thru plant) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mgd	1/month	Estimated
00400 - (pH) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	6 Inst. Min.	N/A	9 Inst. Max.	S.U.	1/month	Grab
00615 - (Nitrogen Nitrite) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/month	Comp
00615 - (Nitrogen Nitrite) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	0.41 Avg. Monthly	1 Max. Daily	mg/l	1/month	Comp
01094 - (Zinc, Total Recoverable) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/month	Comp
01094 - (Zinc, Total Recoverable) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	0.092 Avg. Monthly	0.177 Max. Daily	mg/l	1/month	Comp
00940 - (Chloride (as Cl)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Comp
61425 - (Acute Tox - Ceriodaphnia Dub) (Year Round) (ML-1) (RF-B) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	TUa	1/quarter	Comp

96-Hour Acute Toxicity Test Required

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Storm water and groundwater, Roof Drain Bldg. 17.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.030 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 030 (Storm Water Runoff, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations						Monitoring Requirements		
	Quantity		Units	Other Units		Units	Measurement Frequency	Sample Type	
61425 - (Acute Tox - Ceriodaphnia Dut: (Year Round) (ML-1) (RF-B) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	0.08	0.16	TUa	1/quarter	Comp
					Avg. Monthly	Max. Daily			
	96-Hour Acute Toxicity Test Required								
61427 - (Acute Toxicity - Pimephales) (Year Round) (ML-1) (RF-D)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	TUa	1/year	Comp
					Avg. Monthly	Max. Daily			
	96-Hour Acute Toxicity Test Required								
00070 - (Turbidity) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	NTU	5days/week	Grab
					Avg. Monthly	Max. Daily			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Storm water and groundwater, Roof Drain Bldg. 17.

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.036 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 036 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations						Monitoring Requirements		
	Quantity		Units	Other Units		Units	Measurement Frequency	Sample Type	
50050 - (Flow, in Conduit or thru plant) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mgd	1/quarter	Estimated
00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
00400 - (pH) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	S.U.	1/quarter	Grab
01119 - (Copper, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01114 - (Lead, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01074 - (Nickel, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	0.75 Max. Daily	mg/l	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Roof Drains Bldg. 29 & Road Drains

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.036 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 036 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Other Units</u>		<u>Units</u>	<u>Monitoring Requirements</u>	
	<u>Quantity</u>		<u>Units</u>	<u>Units</u>	<u>Units</u>	<u>Units</u>		<u>Measurement Frequency</u>	<u>Sample Type</u>
00940 - (Chloride (as Cl)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
34469 - (Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34526 - (Benzo (A) Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34320 - (Chrysene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34376 - (Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34381 - (Fluorene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34205 - (Acenaphthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34220 - (Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Roof Drains Bldg. 29 & Road Drains

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.036 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 036 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Other Units</u>		<u>Units</u>	<u>Monitoring Requirements</u>	
	<u>Quantity</u>		<u>Units</u>	<u>Units</u>	<u>Units</u>	<u>Units</u>		<u>Measurement Frequency</u>	<u>Sample Type</u>
34230 - (Benzo (B) Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34242 - (Benzo (K) Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34247 - (Benzo (A) Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34556 - (Dibenzo (A,H) Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34403 - (Indeno (1,2,3-cd) Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
00070 - (Turbidity) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NTU	1/quarter	Grab
01045 - (Iron, Total (as Fe)) (Year Round) (ML-1) (RF-B) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01045 - (Iron, Total (as Fe)) (Year Round) (ML-1) (RF-B) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	1.5 Max. Daily	mg/l	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Roof Drains Bldg. 29 & Road Drains

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.036 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 036 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Quantity</u>		<u>Discharge Limitations</u>				<u>Monitoring Requirements</u>	
			<u>Units</u>		<u>Other Units</u>		<u>Measurement Frequency</u>	<u>Sample Type</u>
00552 - (Oil and Grease, Hexane EXTI (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Roof Drains Bldg. 29 & Road Drains

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.037 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 037 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations						Monitoring Requirements		
	Quantity		Units	Other Units		Units	Measurement Frequency	Sample Type	
50050 - (Flow, in Conduit or thru plant) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mgd	1/quarter	Estimated
00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
00400 - (pH) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	S.U.	1/quarter	Grab
01119 - (Copper, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01114 - (Lead, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01074 - (Nickel, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	0.75 Max. Daily	mg/l	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Roof Drains Bldg. 29 & Road Drains

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.037 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 037 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Other Units		Units	Monitoring Requirements	
	Quantity		Units					Measurement Frequency	Sample Type
00940 - (Chloride (as Cl)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
34469 - (Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34526 - (Benzo (A) Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34320 - (Chrysene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34376 - (Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34381 - (Fluorene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34205 - (Acenaphthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34220 - (Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Roof Drains Bldg. 29 & Road Drains

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.037 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 037 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Other Units		Units	Monitoring Requirements	
	Quantity	Units	Units	Units	Avg. Monthly	Max. Daily		Measurement Frequency	Sample Type
34230 - (Benzo (B) Fluoranthene) (Year Round) (ML-2) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34242 - (Benzo (K) Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34247 - (Benzo (A) Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34556 - (Dibenzo (A,H) Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34403 - (Indeno (1,2,3-cd) Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
00070 - (Turbidity) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NTU	1/quarter	Grab
01045 - (Iron, Total (as Fe)) (Year Round) (ML-1) (RF-B) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01045 - (Iron, Total (as Fe)) (Year Round) (ML-1) (RF-B) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	1.5 Max. Daily	mg/l	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Roof Drains Bldg. 29 & Road Drains

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.037 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 037 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Monitoring Requirements</u>				
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>	<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>		
00552 - (Oil and Grease, Hexane EXTJ (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Roof Drains Bldg. 29 & Road Drains

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.038 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 038 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Other Units</u>		<u>Units</u>	<u>Monitoring Requirements</u>	
	<u>Quantity</u>		<u>Units</u>					<u>Measurement Frequency</u>	<u>Sample Type</u>
50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mgd	1/quarter	Estimated
00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
00400 - (pH) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	S.U.	1/quarter	Grab
01119 - (Copper, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01114 - (Lead, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01074 - (Nickel, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
00940 - (Chloride (as Cl)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outfall at base of bridge where unknown tributary and Brushy Fork combine to form Anmoore Run

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.038 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 038 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Other Units		Units	Monitoring Requirements	
	Quantity		Units	N/A	Rpt Only	Rpt Only		Measurement Frequency	Sample Type
34469 - (Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34526 - (Benzo (A) Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34320 - (Chrysene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34376 - (Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34381 - (Fluorene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34205 - (Acenaphthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34220 - (Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34230 - (Benzo (B) Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outfall at base of bridge where unknown tributary and Brushy Fork combine to form Anmoore Run

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.038 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 038 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Monitoring Requirements</u>				
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>	<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>		
34242 - (Benzo (K) Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34247 - (Benzo (A) Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34556 - (Dibenzo (A,H) Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34403 - (Indeno (1,2,3-cd) Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
00070 - (Turbidity) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NTU	1/quarter	Grab
01045 - (Iron, Total (as Fe)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	1.5 Max. Daily	mg/l	1/quarter	Grab
00552 - (Oil and Grease, Hexane EXTF) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outfall at base of bridge where unknown tributary and Brushy Fork combine to form Anmoore Run

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.039 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 039 (Storm Water Runoff, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Monitoring Requirements		Units	Measurement Frequency	Sample Type
	Quantity		Units	Other Units					
50050 - (Flow, in Conduit or thru plant) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mgd	1/month	measured
00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/week	Comp
00400 - (pH) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	6 Inst. Min.	N/A	9 Inst. Max.	S.U.	1/month	Grab
00615 - (Nitrogen Nitrite) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/month	Comp
01119 - (Copper, Total Recoverable) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	0.0108 Avg. Monthly	0.0216 Max. Daily	mg/l	1/month	Comp
01114 - (Lead, Total Recoverable) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/month	Comp
01094 - (Zinc, Total Recoverable) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	0.088 Avg. Monthly	0.177 Max. Daily	mg/l	1/month	Comp
01113 - (Cadmium, Total Recoverable) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	0.0003 Avg. Monthly	0.0006 Max. Daily	mg/l	1/month	Comp

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Ground Water Sumps Bldg. 30

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.039 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 039 (Storm Water Runoff, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Other Units		Units	Monitoring Requirements	
	Quantity		Units		Rpt Only	Rpt Only		Measurement Frequency	Sample Type
01074 - (Nickel, Total Recoverable) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/month	Comp
01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/month	Comp
00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	1.5 Avg. Monthly	3.1 Max. Daily	mg/l	1/month	Comp
00940 - (Chloride (as Cl)) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	250 Avg. Monthly	318 Max. Daily	mg/l	1/month	Comp
61426 - (Chronic Tox-Ceriodaphnia Du (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	TUc	1/quarter	Comp
61428 - (Chronic Toxicity - Pimephales (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	TUc	1/quarter	Comp
00070 - (Turbidity) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NTU	5days/week	Grab
00552 - (Oil and Grease, Hexane EXTf (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	10 Avg. Monthly	15 Max. Daily	mg/l	1/week	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Ground Water Sumps Bldg. 30

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS 1 - 12.

A.043 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 043 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations						Monitoring Requirements		
	Quantity		Units	Other Units		Units	Measurement Frequency	Sample Type	
50050 - (Flow, in Conduit or thru plant) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mgd	1/6 months	Estimated
00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/6 months	Grab
00400 - (pH) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	S.U.	1/6 months	Grab
00940 - (Chloride (as Cl)) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/6 months	Grab
00070 - (Turbidity) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NTU	1/6 months	Grab
01045 - (Iron, Total (as Fe)) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/6 months	Grab
00552 - (Oil and Grease, Hexane EXTF) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/6 months	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Storm Water Runoff Road Drains

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.045 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 045 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Other Units		Units	Monitoring Requirements	
	Quantity		Units					Measurement Frequency	Sample Type
50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mgd	1/6 months	Estimated
00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/6 months	Grab
00400 - (pH) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	S.U.	1/6 months	Grab
00940 - (Chloride (as Cl)) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/6 months	Grab
00070 - (Turbidity) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NTU	1/6 months	Grab
01045 - (Iron, Total (as Fe)) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/6 months	Grab
00552 - (Oil and Grease, Hexane EXTf) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/6 months	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
North end of J lot storage area on east side of Building 59

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.048 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 048 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Other Units		Units	Monitoring Requirements	
	Quantity		Units					Measurement Frequency	Sample Type
50050 - (Flow, in Conduit or thru plant) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mgd	1/quarter	Estimated
00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
00400 - (pH) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	S.U.	1/quarter	Grab
01119 - (Copper, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01114 - (Lead, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01074 - (Nickel, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
00940 - (Chloride (as Cl)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Storm Water Runoff Road Drain

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.048 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 048 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Other Units</u>		<u>Units</u>	<u>Monitoring Requirements</u>	
	<u>Quantity</u>		<u>Units</u>					<u>Measurement Frequency</u>	<u>Sample Type</u>
34469 - (Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34526 - (Benzo (A) Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34320 - (Chrysene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34376 - (Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34381 - (Fluorene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34205 - (Acenaphthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34220 - (Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	ug/l	1/quarter	Grab
34230 - (Benzo (B) Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Storm Water Runoff Road Drain

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.048 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 048 (Storm Water Runoff)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Other Units</u>		<u>Units</u>	<u>Monitoring Requirements</u>	
	<u>Quantity</u>		<u>Units</u>	<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>			
34242 - (Benzo (K) Fluoranthene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34247 - (Benzo (A) Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34556 - (Dibenzo (A,H) Anthracene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
34403 - (Indeno (1,2,3-cd) Pyrene) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/quarter	Grab
00070 - (Turbidity) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NTU	1/quarter	Grab
01045 - (Iron, Total (as Fe)) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
00552 - (Oil and Grease, Hexane EXTf) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Storm Water Runoff Road Drain

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.050 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 050 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Other Units		Units	Monitoring Requirements	
	Quantity		Units		Avg. Monthly	Max. Daily		Measurement Frequency	Sample Type
50050 - (Flow,in Conduit or thru plant) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mgd	1/month	measured
00530 - (Total Suspended Solids) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	30 Avg. Monthly	60 Max. Daily	mg/l	1/week	Comp
00400 - (pH) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	6 Inst. Min.	N/A	9 Inst. Max.	S.U.	1/week	Grab
00300 - (Dissolved Oxygen) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	Rpt Only Inst. Min.	Rpt Only Avg. Monthly	N/A	mg/l	1/month	Grab
50060 - (Chlorine, Total Residual) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	9 Avg. Monthly	18 Max. Daily	ug/l	1/month	Grab
01119 - (Copper, Total Recoverable) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/month	Comp
01119 - (Copper, Total Recoverable) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	0.01 Avg. Monthly	0.022 Max. Daily	mg/l	1/month	Comp
01114 - (Lead, Total Recoverable) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/month	Comp

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 050, 15" Polyethylene Pipe

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.050 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 050 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations						Monitoring Requirements		
	Quantity		Units	Other Units		Units	Measurement Frequency	Sample Type	
01114 - (Lead, Total Recoverable) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	0.004 Avg. Monthly	0.011 Max. Daily	mg/l	1/month	Comp
01074 - (Nickel, Total Recoverable) (Year Round) (ML-1) (RF-D)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/year	Comp
01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/month	Comp
01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	0.34 Avg. Monthly	0.75 Max. Daily	mg/l	1/month	Comp
00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	1.1 Avg. Monthly	2.5 Max. Daily	mg/l	1/month	Comp
00940 - (Chloride (as Cl)) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	191 Avg. Monthly	355 Max. Daily	mg/l	1/month	Comp
61425 - (Acute Tox - Ceriodaphnia Dut (Year Round) (ML-1) (RF-B) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	TUa	1/quarter	Comp
61425 - (Acute Tox - Ceriodaphnia Dut (Year Round) (ML-1) (RF-B) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	0.08 Avg. Monthly	0.17 Max. Daily	TUa	1/quarter	Comp

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 050, 15" Polyethylene Pipe

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.050 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 050 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Other Units		Units	Monitoring Requirements	
	Quantity	Units	Units	Units	Units	Measurement Frequency		Sample Type	
61427 - (Acute Toxicity - Pimephales) (Year Round) (ML-1) (RF-B) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	TUa	1/quarter	Comp
96-Hour Acute Toxicity Test Required.									
61427 - (Acute Toxicity - Pimephales) (Year Round) (ML-1) (RF-B) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	0.087 Avg. Monthly	0.15 Max. Daily	TUa	1/quarter	Comp
96-Hour Acute Toxicity Test Required.									
34526 - (Benzo (A) Anthracene) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/month	Comp
34526 - (Benzo (A) Anthracene) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	3.8 Avg. Monthly	9.9 Max. Daily	NG/L	1/month	Comp
34320 - (Chrysene) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/month	Comp
34320 - (Chrysene) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	3.8 Avg. Monthly	10 Max. Daily	NG/L	1/month	Comp
34230 - (Benzo (B) Fluoranthene) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/month	Comp
34230 - (Benzo (B) Fluoranthene) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	3.8 Avg. Monthly	9.8 Max. Daily	NG/L	1/month	Comp

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 050, 15" Polyethylene Pipe

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.050 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 050 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

Effluent Characteristic	Discharge Limitations				Other Units		Units	Monitoring Requirements	
	Quantity		Units	N/A	Avg. Monthly	Max. Daily		Measurement Frequency	Sample Type
34242 - (Benzo (K) Fluoranthene) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/month	Comp
34242 - (Benzo (K) Fluoranthene) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	3.8 Avg. Monthly	8.6 Max. Daily	NG/L	1/month	Comp
34247 - (Benzo (A) Pyrene) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/month	Comp
34247 - (Benzo (A) Pyrene) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	3.8 Avg. Monthly	9.9 Max. Daily	NG/L	1/month	Comp
34556 - (Dibenzo (A,H) Anthracene) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/month	Comp
34556 - (Dibenzo (A,H) Anthracene) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	3.8 Avg. Monthly	7.7 Max. Daily	NG/L	1/month	Comp
34403 - (Indeno (1,2,3-cd) Pyrene) (Year Round) (ML-1) (RF-A) Interim: 6/1/2021 to 5/31/2023	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NG/L	1/month	Comp
34403 - (Indeno (1,2,3-cd) Pyrene) (Year Round) (ML-1) (RF-A) Final: 06/01/2023 to 4/27/2026	N/A	N/A	N/A	N/A	3.8 Avg. Monthly	9.4 Max. Daily	NG/L	1/month	Comp

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):

Outlet 050, 15" Polyethylene Pipe

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.050 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 050 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Monitoring Requirements</u>				
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>	<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>		
00070 - (Turbidity) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NTU	5days/week	Grab
00018 - (Temp. Diff. Discharge/Upstream) (Year Round) (ML-2) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	5 Max. Daily	DEG.F	1/month	Calculated
Difference between upstream and effluent.									
00011 - (Temperature, F) (Year Round) (ML-5) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Upstream/Intake Temperature.									
00011 - (Temperature, F) (January 1-31) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature.									
00011 - (Temperature, F) (February 1-28) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature.									
00011 - (Temperature, F) (March 1-31) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature.									
00011 - (Temperature, F) (April 1-30) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	63 Avg. Monthly	73 Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature.									
00011 - (Temperature, F) (May 1-31) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature.									

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 050, 15" Polyethylene Pipe

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.050 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 050 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>						<u>Monitoring Requirements</u>		
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>		<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	
00011 - (Temperature, F) (June 1-30) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature.									
00011 - (Temperature, F) (July 1-31) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	75 Avg. Monthly	87 Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature.									
00011 - (Temperature, F) (August 1-31) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature.									
00011 - (Temperature, F) (September 1-30) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature.									
00011 - (Temperature, F) (October 1-31) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature.									
00011 - (Temperature, F) (November 1-30) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature.									
00011 - (Temperature, F) (December 1-31) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	DEG.F	1/month	Insitu
Effluent Temperature.									
81017 - (Chem. Oxygen Demand) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/month	Comp

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 050, 15" Polyethylene Pipe

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.050 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee is authorized to discharge from Outlet Number(s) 050 (Cooling Water, Storm Water Runoff, Process Water, Other)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Monitoring Requirements</u>			
	<u>Quantity</u>	<u>Units</u>	<u>Other Units</u>		<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	
00552 - (Oil and Grease, Hexane EXTI (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	10	15	mg/l	1/week	Grab
				Avg. Monthly	Max. Daily			

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Outlet 050, 15" Polyethylene Pipe

This discharge shall comply with Appendix A - I MANAGEMENT CONDITIONS I - 12.

A.097 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee will monitor Stream Station Number(s) 097 (Intake)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Monitoring Requirements</u>				
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>	<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>		
00900 - (Hardness, Total (as CaCO3)) (Year Round) (ML-5) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
00070 - (Turbidity) (Year Round) (ML-5) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NTU	1/month	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Anmoore Run stream sampling location located upstream of Outlet 047. Refer to Section C.27.

A.098 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:

Permit Limits

During the period beginning 6/1/2021 and lasting through midnight 4/27/2026 the permittee will monitor Stream Station Number(s) 098 (Intake)

Such discharges shall be limited and monitored by the permittee as specified below:

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Other Units</u>		<u>Units</u>	<u>Monitoring Requirements</u>	
	<u>Quantity</u>		<u>Units</u>					<u>Measurement Frequency</u>	<u>Sample Type</u>
00900 - (Hardness, Total (as CaCO3)) (Year Round) (ML-5) (RF-B)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/quarter	Grab
00070 - (Turbidity) (Year Round) (ML-5) (RF-A)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	NTU	1/month	Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
Anmoore Run stream sampling location located between Outlets 038 and 039. Refer to Section C.27.

B. SCHEDULE OF COMPLIANCE

1. The permittee shall achieve compliance with the provisions for waste treatment and the monitoring requirements specified in the permit in accordance with the following schedule :

- Sep 01, 2021: The permittee shall submit a Plan of Action on obtaining compliance with the final effluent limitations for: PAHs, WET, temperature (April), and temperature difference at Outlet 003; PAHs, WET, copper, lead, zinc, and aluminum at Outlets 009/050; and WET, zinc, and nitrite nitrogen at Outlet 030.
- Dec 01, 2021: The permittee shall submit a Quarterly Progress Report which summarizes the actions taken and any additional actions to be taken in the future to achieve the final effluent limitations for: PAHs, WET, temperature (April), and temperature difference at Outlet 003; PAHs, WET, copper, lead, zinc, and aluminum at Outlets 009/050; and WET, zinc, and nitrite nitrogen at Outlet 030.
- Mar 01, 2022: The permittee shall submit a Quarterly Progress Report which summarizes the actions taken and any additional actions to be taken in the future to achieve the final effluent limitations for: PAHs, WET, temperature (April), and temperature difference at Outlet 003; PAHs, WET, copper, lead, zinc, and aluminum at Outlets 009/050; and WET, zinc, and nitrite nitrogen at Outlet 030.
- Jun 01, 2022: The permittee shall complete any studies, complete any designing or engineering, obtain any necessary funding, and commence implementation of any action specified in the latest revision of the plan of action for compliance in order to achieve compliance with the final effluent limitations for PAHs, WET, temperature (April), and temperature difference at Outlet 003; PAHs, WET, copper, lead, zinc, and aluminum at Outlets 009/050; and WET, zinc, and nitrite nitrogen at Outlet 030. The permittee shall also submit a progress report which summarizes actions taken and additional actions to be taken in the future to achieve compliance with the final aforementioned effluent limitations at Outlets 003, 009/050, and 030.
- Sep 01, 2022: The permittee shall begin the construction of any upgrades or system modifications necessary to comply with the final effluent limitations for: PAHs, WET, temperature (April), and temperature difference at Outlet 003; PAHs, WET, copper, lead, zinc, and aluminum at Outlets 009/050; and WET, zinc, and nitrite nitrogen at Outlet 030. The permittee shall also submit a Quarterly Progress Report summarizing actions that have been taken to achieve compliance with the final aforementioned effluent limitations at Outlets 003, 009/050, and 030.
- Dec 01, 2022: The permittee shall submit a Quarterly Progress Report which summarizes the actions taken and any additional actions to be taken in the future to achieve the final effluent limitations for: PAHs, WET, temperature (April), and temperature difference at Outlet 003; PAHs, WET, copper, lead, zinc, and aluminum at Outlets 009/050; and WET, zinc, and nitrite nitrogen at Outlet 030.
- Mar 01, 2023: The permittee shall submit a Quarterly Progress Report which summarizes the actions taken and any additional actions to be taken in the future to achieve the final effluent limitations for: PAHs, WET, temperature (April), and temperature difference at Outlet 003; PAHs, WET, copper, lead, zinc, and aluminum at Outlets 009/050; and WET, zinc, and nitrite nitrogen at Outlet 030.

B. SCHEDULE OF COMPLIANCE

- 1. The permittee shall achieve compliance with the provisions for waste treatment and the monitoring requirements specified in the permit in accordance with the following schedule :**

Jun 01, 2023: The permittee shall have completed the construction of any necessary upgrades and achieve the final effluent limitations for: PAHs, WET, temperature (April), and temperature difference at Outlet 003; PAHs, WET, copper, lead, zinc, and aluminum at Outlets 009/050; and WET, zinc, and nitrite nitrogen at Outlet 030.

- 2. Reports of compliance or non-compliance with, and progress reports on interim and final requirements contained in the above compliance schedule, if any, shall be postmarked no later than 14 days following each schedule date.**

Section C - Other Requirements

01. The permittee shall practice good housekeeping including maintaining the facility grounds. There shall be no scattered parts, equipment, debris, etc. Any and all drums shall be either stored in a covered area or kept upon pallets and properly sealed.
02. The issuance of this permit shall not relieve the permittee of the obligation to comply with any other federal, state or local laws. Compliance with this permit does not relieve the permittee from the obligation of Section 311 of the Clean Water Act. This permit does not authorize spills of hazardous substances/wastes from any permitted outlet into waters of the State. Such incidents are to be reported in accordance with Sections IV.1 and IV.2 of Appendix A of this permit.
03. Upon review of information submitted under terms and conditions of this permit, the permit may be modified to require additional effluent limitations/monitoring requirements and/or improved best management practices.
04. The permittee shall notify the Division of Water and Waste Management immediately when it becomes aware of any migration of any pollutant from any unpermitted source (such as contaminated groundwater and/or storm water) into surface waters of the State.
05. Without prior approval from the agency, the permittee shall not accept and treat wastewater from any other facility.
06. The permittee shall submit each month according to the enclosed format, a Discharge Monitoring Report (DMR) indicating in terms of concentration and/or quantities the values of the constituents listed in Section A analytically determined to be in the plant effluent(s). Additional information pertaining to effluent monitoring and reporting can be found in Section III of Appendix A.
07. The required DMRs shall be received by the agency no later than 25 days following the end of the reporting period in accordance with the following requirements. The agency is now requiring the permittee to utilize our electronic discharge monitoring report (eDMR) system which is now mandatory. The permittee is not required to submit hard copies of the DMRs to the addresses listed below when using eDMR. Special circumstances may result in the agency granting an exemption to eDMR and are considered on case by case basis. If the permittee was exempted by the agency from using the eDMR system, then the permittee is required to send hard copies to the addresses below. The permittee may contact the agency for more information about the eDMR system and potential exemptions from using it. Regardless, in accordance with Appendix A, Section III.6 of this permit, the permittee shall maintain copies of DMRs (either hard copies or electronic copies) at the plant site and the DMRs shall be made readily available upon request for DEP personnel.

a. **Director**
Division of Water and Waste Management
601 57th Street, SE
Charleston, West Virginia 25304
Attn: Permitting Branch

U. S. Environmental Protection Agency
Region III, Water Protection Division
NPDES Enforcement Branch (3WP42)
1650 Arch Street
Philadelphia, PA 19103

Department of Environmental Protection
Environmental Enforcement
2031 Pleasant Valley Road
Fairmont, West Virginia 26554

08. For any noncompliance reports to be submitted in writing by this permit, a copy shall also be forwarded to the EPA at the location specified under Condition C.07 of this permit.
09. Any "not detected (ND)" results by the permittee must be "ND" at the method detection limit (MDL) for the test method used for that parameter and must be reported as less than the MDL used. The permittee may not report the result as zero, "ND", or report the result as less than a minimum level (ML), reporting limit (RL), or practical quantitation limit (PQL).

When averaging values of analytical results for DMR reporting purposes for monthly averages, the permittee should use actual analytical results when these results are greater than or equal to the MDL and should use zero (0) when these results are less than the MDL. If all analytical results are non-detect at the MDL (<MDL), then the permittee should use the actual MDL in the calculation for averaging and report the result as less than the average calculation.

Section C - Other Requirements

10. In incidences where a specific test method is not defined, the permittee shall utilize an EPA approved method with a method detection limit (MDL) sensitive enough to confirm compliance with the permit effluent limit for that parameter. If a MDL is not sensitive enough to confirm compliance, the most sensitive approved method must be used. If a more sensitive EPA approved method becomes available, that method shall be used. Should the current and/or new method not be sensitive enough to confirm compliance with the permitted effluent limit, analytical results reported as "not detected" at the MDL of the most sensitive method available will be deemed compliant for purposes of permit compliance. Results shall be reported on the Discharge Monitoring Reports as a numeric value less than the MDL.
11. The permittee shall not use alternate DMRs without prior approval from this Agency.
12. The Groundwater Protection Plan (GPP) shall be maintained at the plant site and shall be available for inspection by the Division of Water and Waste Management personnel.
13. The permittee shall implement and maintain the storm water pollution prevention plan (SWPPP) for the site. The SWPPP shall be prepared in accordance with good engineering practices. The SWPPP shall identify potential sources of pollution which may reasonably be expected to affect the quality of storm water discharges associated with the industrial activity. In addition, the plan shall describe and ensure the implementation of practices which are to be used to reduce the pollutants in storm water discharges associated with the industrial activity at the facility and to assure compliance with the terms and conditions of this permit. A copy of this document shall be retained at the site for review upon request.
14. The following storm water requirements apply to Outlet(s) 011, 015, 019, 022, 023, 026, 036, 037, 038, 040, 041, 042, 043, 045, 047, 048:
 - a. Samples shall be collected from the discharge resulting from a storm event that is greater than 0.1 inches in magnitude and that occurs at least 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event. Samples shall be taken during the first thirty (30) minutes, or as soon thereafter as practicable, of the storm event.
 - b. The following outlets have been designated by the agency as representative outlets due to the inaccessibility of certain stormwater outlets for sample collection, analysis, and reporting. As such, effluent data from the following "Monitored Outlet" shall be deemed representative of the "Representative Outlets". Results from a "Monitored Outlets" shall be reported for the monitored outlet as well as its respective "Representative Outlets" on the DMRs.

All other outlets shall be monitoring and reported separately.

Monitored Outlet	Representative Outlets (no monitoring required)
043	040, 041, and 042
045	047

Section C - Other Requirements

14. c.	Pollutant	Benchmark Value
	Total Suspended Solids	100 mg/l
	Turbidity	50 NTU
	Total Chloride	230 mg/l
	Oil and Grease	15 mg/l
	Total Iron	1.5 mg/l
	Total Copper	0.0636 mg/l
	Total Lead	0.0816 mg/l
	Total Aluminum	0.75 mg/l
	Total Nickel	0.47 mg/l
	Acenaphthene	ML*
	Anthracene	ML*
	Benzo (b) fluoranthene	ML*
	Benzo (k) fluoranthene	ML*
	Benzo (a) pyrene	ML*
	Chrysene	ML*
	Fluorene	ML*
	Fluoranthene	ML*
	Indeno (1,2,3-cd) pyrene	ML*
	Pyrene	ML*
	Benzo (a) anthracene	ML*
	Dibenzo (a,h) anthracene	ML*
	pH	6.0 to 9.0 S.U.

* ML: Minimum Level as determined by the individual laboratory performing analysis (ex. should not to exceed 1 ug/l for EPA Method 610 or 625.1) .

When the concentration results from a minimum of four consecutive samples of a pollutant are all less than the corresponding benchmark value for the pollutant, additional monitoring for the pollutant is not required (all pH values of the samples must be within the range 6.0 to 9.0 S.U.). The facility shall submit, each year, to the Division of Water and Waste Management, in lieu of the monitoring data, a certification (form will be provided upon request) that there has not been a significant change in the industrial activity or the pollution prevention measures in the area of the facility that drains to the outlet for which sampling is to be waived. If the concentration of a pollutant exceeds the corresponding benchmark concentration or a pH value is not within the range of 6.0 to 9.0 S.U., monitoring shall be continued and storm water pollution prevention practices shall be revised and implemented. A letter stating the revised and implemented storm water pollution prevention practices shall be submitted to the Division of Water and Waste Management at the address listed in Section C.07.

- d. Benchmarks and the monitoring waiver approach do not apply to parameters with limitations in Section A.
15. If there is evidence indicating potential or realized impacts on water quality due to any storm water discharge associated with industrial activity covered by this permit, the permit may be promptly modified and/or reissued to include effluent limitations and/or other requirements to control such storm water discharges.
 16. The facility shall maintain the Spill Prevention Control and Countermeasures (SPCC) Plan as required by Section 311(j) of the Clean Water Act. At a minimum the plan shall include all the required elements in 40 CFR 112 of the Code of Federal Regulations and be independently certified by a licensed professional engineer.
 17. The permittee shall utilize EPA Method No. 1664 A (gravimetric analysis using the hexane extractable method [HEM]) for the analysis of oil and grease.
 18. Should the use of any cleaning agent cause a problem with the operation of any treatment unit, the use of said products shall be discontinued.
 19. If any portion of the Permittee's discharge that is identified as being subject to Federal Effluent Guideline(s) and the new or revised requirements of the Federal Effluent Guideline(s) are not currently in this permit, the Director may reopen or reissue this permit to incorporate additional, more stringent requirements or limitations.
 20. In conformance with the requirements of Appendix A, Part II, Section 5, Removed Substances, the permittee shall obtain approval for the disposal of any solids generated by the wastewater treatment plant.

Section C - Other Requirements

21. The temperature difference between the upstream location and the discharge shall be calculated by subtracting the upstream temperature from the discharge temperature measured in Anmoore Run (Outlet 003 and 009) and its unnamed tributary (Outlet 050). The upstream temperatures and discharge temperatures required by Sections A.003, A.009, and A.050 of this permit shall be collected concurrently. Concurrently shall be defined as no more than fifteen minutes between monitoring collected at the upstream location in Anmoore Run and the respective discharges.
22. For composite sample types specified in Section A.003, A.009, A.030, A.039, A.050, a minimum 8-hour composite sample shall be collected where practical. In cases where the discharge duration is no greater than 8-hours at any time during the monitoring period, then a 4-hour composite sample shall be collected or "composite-grabs" shall be collected consisting of a minimum of three equal aliquots. Aliquots shall be collected immediately after the start of the discharge, at the approximate mid point, and immediately preceding the end of discharge. If the duration of discharge is no greater than 15 minutes at any time during the monitoring period, a grab sample at the approximate mid point of the discharge shall be obtain in lieu of a composite sample.
23. Effluent monitoring for the following pollutants shall be conducted using the most sensitive methods and detection levels commercially available and economically feasible. The following methods are to be used unless the permittee desires to use an EPA Approved Test Method with a listed lower method detection level. Regardless, it is recognized that detection levels can vary from analysis to analysis and that non-detect results at a different MDL for the specified test method would not constitute a permit violation.

Parameter	EPA Method No.	Method Detection Level (ug/l)
Total Copper	200.8	0.02
Total Nickel	200.8	0.06
Total Lead	200.8	0.05
Total Iron	200.7	30
Total Zinc	200.7	2
Total Aluminum	200.7	20
Turbidity	180.1	0 (NTU)
Acenaphthene	610/625.1	1.80/0.02
Anthracene	610/625.1	0.66/0.02
Benzo (a) anthracene	610/625.1	0.01/0.02
Benzo (b) fluoranthene	610/625.1	0.018/0.02
Benzo (k) fluoranthene	610/625.1	0.017/0.02
Benzo (a) pyrene	610/625.1	0.02/0.02
Chrysene	610/625.1	0.15/0.02
Indeno (1,2,3-cd) pyrene	610/625.1	0.043/0.02
Dibenzo (a,h) anthracene	610/625.1	0.03/0.02
Fluoranthene	610/625.1	0.21/0.02
Fluorene	610/625.1	0.21/0.02
Pyrene	610/625.1	0.27/0.02

24. The permittee shall perform acute effluent toxicity testing at Outlets 009, 030, and 050 in accordance with the following.
- The acute effluent toxicity testing prescribed, herein, shall be 96-hour static acute toxicity tests utilizing Pimephales Promelas fathead minnow and Ceriodaphnia Dubia as the test species.
 - The acute toxicity testing shall be performed as prescribed in Section A of this permit. There shall be a minimum of one month between required quarterly sampling events and a minimum of 3 months between required annual sampling events.
 - Flow weighted composite samples of the effluent, as prescribed in Section A, shall be collected for testing.
 - The dilution water should be a representative sample of the receiving water and should be obtained from a point as close as possible to but upstream or outside of the zone influenced by the effluent. If dilution water from the receiving stream is not suitable, some other uncontaminated, well-aerated surface or groundwater or commercially available media or reconstituted laboratory water can be used.

Section C - Other Requirements

24. e. Testing and reporting of the result shall be performed in accordance with 40 CFR 136 and must be submitted with the Discharge Monitoring Report (DMR) for the month following the completion of each test. LC50 shall be converted into Acute Toxic Units (TUa) using the following formula:

$$TUa = 100/LC50$$

For example, if LC50 is 100%, then $TUa = 100/100 = 1$.

When the LC50 is greater than 100%, the permittee shall report the acute toxicity as less than 1 TUa. When the effluent demonstrates no toxicity (no organisms die), the permittee may report zero TUa.

- f. If acute effluent toxicity testing reveals results greater than or equal to 1 TUa, the permittee shall immediately resample and test the effluent. This shall be performed within 30 days of the initial demonstration of noncompliance with the whole effluent toxicity value prescribed herein. Copies of the retesting results shall be provided to the Director immediately upon completion of the test.
- g. The Director may impose further requirements should the acute effluent toxicity testing results demonstrate toxicity.
25. The permittee shall perform chronic toxicity tests as described below on the effluents from Outlets 003 and 039:
- a. Such testing will determine if an appropriate dilute effluent sample affects the survival or reproduction of the test species. Flow weighted composite samples of the effluent, as prescribed in Section A, shall be collected for testing. An appropriate statistical test shall be used to determine whether differences in control and effluent data are significant.

- i) The permittee shall conduct a three brood (6-8 days) Ceriodaphnia Dubia survival and reproduction toxicity test on the final effluent diluted by appropriate control water. Toxicity will be demonstrated if there is a statistically significant difference at the 95 percent confident level in survival or reproduction between Ceriodaphnia Dubia exposed to an appropriate control water and the final effluent. All test solutions shall be renewed using an approved renewal schedule. If, in any control, more than 20% of the test organisms die, or less than 60% of surviving females in controls produced their third brood, that test shall be repeated.
- ii) The permittee shall conduct a 7-day Pimephales Promelas fathead minnow larval survival and growth toxicity test on the final effluent diluted by appropriate control water. Toxicity will be demonstrated if there is a statistically significant difference at the 95 percent confidence level in survival or growth between fathead minnows exposed to an appropriate control water and the final effluent. All test solutions shall be renewed using an approved renewal schedule. If, in any control, more than 20% of the test organisms die, or average dry weight of surviving controls was less than 0.25 mg/l that test shall be repeated.

- b. Results shall be reported in terms of chronic toxic units (TUc) and shall be submitted with the corresponding monthly Discharge Monitoring Report (DMR).

$$TUc = 100/NOEC \text{ or } NOEL$$

Where NOEC (or NOEL) is No Observed Effect Concentration (or Level), which is expressed as percent (volume) effluent in dilution water.

For Example, if NOEC is 10%, $TUc = 100/10 = 10$

When the effluent demonstrates no toxicity at 100% effluent (no observed effect), the permittee may report zero TUc.

- c. The monitoring required, herein, shall be conducted in accordance with the sample collection, preservation, and analytical procedures specified in 40 CFR 136.

Section C - Other Requirements

25. d. In addition to the monitoring data reporting requirements of 40 CFR 136, the exact age of the test organisms at the initiation of the test shall be reported. Values of less than or equal to 24 hours are acceptable for *Pimephales Promelas*, fathead minnow. The range of the *Ceriodaphnia Dubia* used must be reported as a range in hours. All *Ceriodaphnia Dubia* used in the test must be less than 24 hours of age at test commencement. The age difference between the youngest and oldest *Ceriodaphnia Dubia* used in the test must not exceed eight (8) hours.
- e. The chronic toxicity testing shall be performed at the frequencies prescribed in Section A of this permit. The first chronic toxicity testing shall be carried out within 3 months from the effective date of the permit for Outlets 003 and 039. There shall be a minimum of three (3) months between required annual sampling events and a minimum of one (1) month between required quarterly sampling events.
- f. If chronic effluent toxicity testing shows noncompliance with the specified limitations prescribed in Section A or a value greater than 1 TUc where limits are not imposed, the permittee shall immediately resample and test the effluent. This shall be performed within 30 days of the initial demonstration of noncompliance with the whole effluent toxicity discharge limitations or 1 TUc value prescribed herein. Copies of the retesting results shall be provided to the Director immediately upon completion of the test.
- If the second test shows compliance, chronic effluent toxicity testing shall continue in accordance with the requirements, as prescribed herein. However, if the second test shows noncompliance, the Director shall impose further requirements, as may be necessary, in order to obtain compliance with the chronic effluent toxicity discharge limitations.
- g. The Director may impose further requirements should the chronic effluent toxicity testing results demonstrate noncompliance.
26. For Outlets 017 and 027 a certification of no exposure was submitted indicating that no stormwater associated with an industrial activity is contributing to these outlets. The agency recognizes the certification contingent on the following:
- a. The permittee must complete and sign a certification that there are no discharges of storm water contaminated by exposure to industrial materials and activities from the drainage areas of the above reference outlets every 5 years. The certification, supporting documentation, any required analytical results shall be included with the permittee's renewal application.
- b. The permittee must still maintain a SWPPP for these outlets per Section C.13.
- c. The certification does not waive sampling requirements as required by the agency's WV/NPDES Individual Industrial Permit Application (Form I) and Instructions for these outlets.
- d. If circumstances change and industrial materials or activities become exposed to rain, snow, snow melt, and/or runoff, the conditions for the exclusion(s) no longer apply. In such cases, the discharge becomes subject to enforcement for an unpermitted discharge. Any conditionally exempt discharger who anticipates changes in circumstances should apply for and obtain permit authorization prior to the change of circumstances.
27. Outfall 097 is designated as a stream sampling location in Anmoore Run located upstream of Outlet 047 and approximately 200 feet upstream of the facility grounds (Building 77). Sampling for turbidity shall be conducted during dry weather and shall not be sampled within 72 hours of a 0.1 inch (or greater) rainfall event. Care shall be taken when sampling to not stir up sediment and to avoid disturbing the area to be sampled.

The permittee shall ensure that the meter used to measure turbidity is properly calibrated and shall maintain a record log of the dates that the meter is calibrated at the site which shall be available for agency personnel to review.

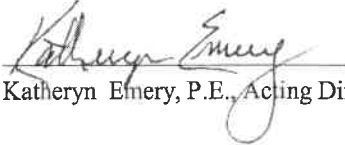
Section C - Other Requirements

28. The permittee shall maintain a daily inspection log for each day the facility is operating for Outlets 003, 009, 011, 015, 022, 036-039, and 050 at the site which shall be available for agency personnel to review. Entries in the log shall be completed each day and shall, at a minimum, contain: a daily record of whether a discharge was observed on that day and a detailed visual description of the discharge (including whether the discharge was black) and any visual impacts to the receiving stream if present (oily sheens or black discharges as well as including whether a call was made to the spill hotline), and any actions taken to address any oily sheens or black discharges. If a discharge is not observed during a particular day, the log entry shall state as such (i.e. "No Flow" and/or "No Discharge").
29. Sampling at all outfalls shall only occur during an actual discharge. Sumps are not be sampled if they are not actively discharging to the receiving stream. Sample results for each sampling period are required if a discharge occurs from the outfall during that sampling period (whether the permittee witnesses the discharge or not). If no discharge occurs during the entire reporting period, the permittee may report "No Flow" or "No Discharge" for that outfall for the reporting period. However, reporting "No Flow" or "No Discharge" means that the outfall did not discharge during the entire reporting period. The permittee cannot claim "No Flow" or "No Discharge" unless the outfall did not discharge at all during the entire reporting period.

The herein-described activity is to be extended, modified, added to, made, enlarged, acquired, constructed or installed, and operated, used and maintained strictly in accordance with the terms and conditions of this permit, with the plans and specifications submitted with Permit Application No. WV0004707; with the plan of maintenance and method of operation thereof submitted with such application(s); and with any applicable rules and regulations promulgated by the Environmental Quality Board and the Secretary of the Department of Environmental Protection.

Failure to comply with the terms and conditions of this permit, with the plans and specifications submitted with Permit Application No. WV0004707; and with the plan of maintenance and method of operation thereof submitted with such application(s) shall constitute grounds for the revocation or suspension of this permit and the invocation of all the enforcement procedures set forth in Chapter 22, Article 11, or 15 of the Code of West Virginia.

This permit is issued in accordance with the provisions of Chapter 22, Article 11 and 12 and/or 15 of the Code of West Virginia and is transferable under the terms of Section 11 of Article 11.


Kathryn Emery, P.E., Acting Director

Appendix A

I. MANAGEMENT CONDITIONS:

1. Duty to Comply

- a) The permittee must comply with all conditions of this permit. Permit noncompliance constitutes a violation of the CWA and State Act and is grounds for enforcement action; for permit modification, revocation and reissuance, suspension or revocation; or for denial of a permit renewal application.
- b) The permittee shall comply with all effluent standards or prohibitions established under Section 307(a) of the CWA for toxic pollutants within the time provided in the regulations that establish these standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

2. Duty to Reapply

If the permittee wishes to continue an activity regulated by this permit after the expiration date of this permit, the permittee must apply for a new permit at least 180 days prior to expiration of the permit.

3. Duty to Mitigate

The permittee shall take all reasonable steps to minimize or prevent any discharge in violation of this permit, which has a reasonable likelihood of adversely affecting human health or the environment.

4. Permit Actions

This permit may be modified, revoked and reissued, suspended, or revoked for cause. The filing of a request by the permittee for permit modification, revocation and reissuance, or revocation, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.

5. Property Rights

This permit does not convey any property rights of any sort or any exclusive privilege.

6. Signatory Requirements

All applications, reports, or information submitted to the Director shall be signed and certified as required in Title 47, Series 10, Section 4.6 of the West Virginia Legislative Rules.

7. Transfers

This permit is not transferrable to any person except after notice to the Director. The Director may require modification or revocation and reissuance of the permit to change the name of the permittee and incorporate such other requirements as may be necessary.

8. Duty to Provide Information

The permittee shall furnish to the Director, within a reasonable specified time, any information which the Director may request to determine whether cause exists for modifying, revoking and reissuing, suspending, or revoking this permit, or to determine compliance with this permit. The permittee shall also furnish to the Director, upon request, copies of records required to be kept by this permit.

9. Other Information

Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Director, it shall promptly submit such facts or information.

10. Inspection and Entry

The permittee shall allow the Director, or an authorized representative, upon the presentation of credentials and other documents as may be required by law, to:

- a) Enter upon the permittee's premises in which an effluent source or activity is located, or where records must be kept under the conditions of this permit;
- b) Have access to and copy at reasonable times, any records that must be kept under the conditions of this permit;
- c) Inspect at reasonable times any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this permit; and
- d) Sample or monitor at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the State Act, any substances or parameters at any location.

11. Permit Modification

This permit may be modified, suspended, or revoked in whole or in part during its term in accordance with the provisions of Chapter 22-11-12 of the Code of West Virginia.

12. Water Quality

This discharge shall not cause or materially contribute to: distinctly visible floating or settleable solids, suspended solids, scum, foam or oily slicks; deposits or sludge bank on the bottom; odors in the vicinity of the waters; taste or odor that would adversely affect the designated uses of the affected waters; distinctly visible color which may impair or interfere with the designated uses of the affected waters; and shall not cause a fish or mussel kill. The limitations and conditions in this permit for the discharges identified in this permit are limitations and conditions that are necessary to meet applicable West Virginia water quality standards, Requirements Governing Water Quality Standards 47 CSR 2.

13. Outlet Markers

A permanent marker at the establishment shall be posted in accordance with Title 47, Series 11, Section 9 of the West Virginia Legislative Rules.

14. Liabilities

- a) Any person who violates a permit condition implementing sections 301, 302, 306, 307, 308, 318, or 405 of the Clean Water Act is subject to a civil penalty not to exceed \$25,000 per day of such violation. Any person who willfully or negligently violates permit conditions implementing sections 301, 302, 306, 307, 308 or 405 of the Clean Water Act is subject to a fine of not less than \$2,500 nor more than \$25,000 per day of violation, or by imprisonment for not more than 1 year, or both.
- b) Any person who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required to be maintained under this permit shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 2 years, or by both.
- c) Any person who knowingly makes any false statement, representation, or certification in any record or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance shall, upon conviction, be punished by a fine of not more than \$10,000 per violation, or by imprisonment for not more than 2 years, or by both.
- d) Nothing in I.14 a), b), and c) shall be construed to limit or prohibit any other authority the Director may have under the State Water Pollution Control Act, Chapter 22, Article 11.

II. OPERATION AND MAINTENANCE:

1. Proper Operation and Maintenance

The permittee shall at all times properly operate and maintain all facilities and systems of treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance also includes adequate laboratory controls, and appropriate quality assurance procedures. Unless otherwise required by Federal or State law, this provision requires the operation of back-up auxiliary facilities or similar systems which are installed by the permittee only when the operation is necessary to achieve compliance with the conditions of the permit. For domestic waste treatment facilities, waste treatment operators as classified by the WV Bureau of Public Health Laws, W. Va. Code Chapter 16-1, will be required except that in circumstances where the domestic waste treatment facility is receiving any type of industrial waste, the Director may require a more highly skilled operator.

2. Need to Halt or Reduce Activity Not a Defense

It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.

3. Bypass

- a) Definitions
 - (1) "Bypass" means the intentional diversion of waste streams from any portion of a treatment facility; and
 - (2) "Severe property damage" means substantial physical damage to property, damage to the treatment facilities which causes them to become inoperable, or substantial and permanent loss of natural resources which can reasonably be expected to occur in the absence of a bypass. Severe property damage does not mean economic loss caused by delays in production.
- b) Bypass not exceeding limitations. The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the provision of II.3.c) and II.3.d) of this permit.
- c)
 - (1) If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten (10) days before the date of the bypass;
 - (2) If the permittee does not know in advance of the need for bypass, notice shall be submitted as required in IV.2.b) of this permit.
- d) Prohibition of bypass
 - (1) Bypass is permitted only under the following conditions, and the Director may take enforcement action against a permittee for a bypass, unless;
 - (A) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage;
 - (B) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate backup equipment should have been installed in the exercise of reasonable engineering judgement to prevent a bypass which occurred during normal periods of equipment downtime or preventative maintenance; and
 - (C) The permittee submitted notices as required under II.3.c) of this permit.
 - (2) The Director may approve an anticipated bypass, after considering its adverse effects, if the Director determines that it will meet the three conditions listed in II.3.d.(1) of this permit.

4. Upset

- a) Definition. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventative maintenance, or careless or improper operation.
- b) Effect of an upset. An upset constitutes an affirmative defense to an action brought for noncompliance with such technology-based permit effluent limitation if the requirements of II.4.c) are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review.
- c) Conditions necessary for a demonstration of upset. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed, contemporaneous operating logs, or other relevant evidence that:
 - (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
 - (2) The permitted facility was at the time being properly operated;
 - (3) The permittee submitted notice of the upset as required in IV.2.b) of this permit.
 - (4) The permittee complied with any remedial measures required under I.3. of this permit.
- d) Burden of proof. In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof.

5. Removed Substances

Where removed substances are not otherwise covered by the terms and conditions of this permit or other existing permit by the Director, any solids, sludges, filter backwash or other pollutants (removed in the course of treatment or control of wastewaters) and which are intended for disposal within the State, shall be disposed of only in a manner and at a site subject to the approval by the Director. If such substances are intended for disposal outside the State or for reuse, i.e., as a material used for making another product, which in turn has another use, the permittee shall notify the Director in writing of the proposed disposal or use of such substances, the identity of the prospective disposer or users, and the intended place of disposal or use, as appropriate.

III. MONITORING AND REPORTING

1. Representative Sampling

Samples and measurements taken for the purpose of monitoring shall be representative of the monitored activity.

2. Reporting

- a) Permittee shall submit, according to the enclosed format, a Discharge Monitoring Report (DMR) indicating in terms of concentration, and/or quantities, the values of the constituents listed in Part A analytically determined to be in the plant effluent(s). DMR submissions shall be made in accordance with the terms contained in Section C of this permit.
- b) Enter reported average and maximum values under "Quantity" and "Concentration" in the units specified for each parameter, as appropriate.
- c) Specify the number of analyzed samples that exceed the allowable permit conditions in the columns labeled "N.E." (i.e., number exceeding).
- d) Specify frequency of analysis for each parameter as number of analyses/specified period (e.g., 3/month is equivalent to 3 analyses performed every calendar month). If continuous, enter "Cont.". The frequency listed on format is the minimum required.

3. Test Procedures

Samples shall be taken, preserved and analyzed in accordance with the latest edition of 40 CFR Part 136, unless other test procedures have been specified elsewhere in this permit.

4. Recording of Results

For each measurement or sample taken pursuant to the permit, the permittee shall record the following information.

- a) The date, exact place, and time of sampling or measurement;
- b) The date(s) analyses were performed;
- c) The individual(s) who performed the sampling or measurement;
- d) The individual(s) who performed the analyses; if a commercial laboratory is used, the name and address of the laboratory;
- e) The analytical techniques or methods used, and
- f) The results of such analyses. Information not required by the DMR form is not to be submitted to this agency, but is to be retained as required in III.6.

5. Additional Monitoring by Permittee

If the permittee monitors any pollutant at any monitoring point specified in this permit more frequently than required by this permit, using approved test procedures or others as specified in this permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the Discharge Monitoring Report Form. Such increased frequency shall also be indicated. Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified in the permit.

6. Records Retention

The permittee shall retain records of all monitoring information, including all calibration and maintenance records and all original chart recordings for continuous monitoring instrumentation, copies of all reports required by this permit, and records of all data used to complete the application for the permit, for a period of at least three (3) years from the date of the sample, measurement, report or application. This period may be extended by request of the Director at any time.

7. Definitions

- a) "Daily discharge" means the discharge of a pollutant measured during a calendar day or within any specified period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in units of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the day. For pollutants with limitations expressed in other units of measurement, the daily discharge is calculated as the average measurement of the pollutant over the day.
- b) "Average monthly discharge limitation" means the highest allowable average of daily discharges over a calendar month, calculated as the sum of all daily discharges measured during a calendar month divided by the number of daily discharges measured during that month.
- c) "Maximum daily discharge limitation" means the highest allowable daily discharge.
- d) "Composite Sample" is a combination of individual samples obtained at regular intervals over a time period. Either the volume of each individual sample is proportional to discharge flow rates or the sampling interval (for constant volume samples) is proportional to the flow rates over the time period used to produce the composite. The maximum time period between individual samples shall be two hours.
- e) "Grab Sample" is an individual sample collected in less than 15 minutes.
- f) "is" = immersion stabilization - a calibrated device is immersed in the effluent stream until the reading is stabilized.
- g) The "daily average temperature" means the arithmetic average of temperature measurements made on an hourly basis, or the mean value plot of the record of a continuous automated temperature recording instrument, either during a calendar month, or during the operating month if flows are of shorter duration.
- h) The "daily maximum temperature" means the highest arithmetic average of the temperatures observed for any two (2) consecutive hours during a 24 hour day, or during the operating day if flows are of shorter duration.
- i) The "monthly average fecal coliform" bacteria is the geometric average of all samples collected during the month.
- j) "Measured Flow" means any method of liquid volume measurement, the accuracy of which has been previously demonstrated in engineering practice, or which a relationship to absolute volume has been obtained.
- k) "Estimate" means to be based on a technical evaluation of the sources contributing to the discharge including, but not limited to pump capabilities, water meters and batch discharge volumes.
- l) "Non-contact cooling water" means the water that is contained in a leak-free system, i.e., no contact with any gas, liquid, or solid other than the container for transport; the water shall have no net poundage addition of any pollutant over intake water levels, exclusive of approved anti-fouling agents.

IV. OTHER REPORTING

1. Reporting Spills and Accidental Discharges

Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities or penalties established pursuant to Title 47, Series 11, Section 2 of the West Virginia Legislative Rules promulgated pursuant to Chapter 22, Article 11. Attached is a copy of the West Virginia Spill Alert System for use in complying with Title 47, Series 11, Section 2 of the Legislative rules as they pertain to the reporting of spills and accidental discharges.

2. Immediate Reporting

- a) The permittee shall report any noncompliance which may endanger health or the environment immediately after becoming aware of the circumstances by using the Agency's designated spill alert telephone number. A written submission shall be provided within five (5) days of the time the permittee becomes aware of the circumstances. The written submission shall contain a description of the noncompliance and its cause; the period of noncompliance, including exact dates and times, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.
- b) The following shall also be reported immediately:
 - (1) Any unanticipated bypass which exceeds any effluent limitation in the permit;
 - (2) Any upset which exceeds any effluent limitation in the permit; and
 - (3) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Director in the permit shall be reported immediately. This list shall include any toxic pollutant or hazardous substance, or any pollutant specifically identified as the method to control a toxic pollutant or hazardous substance.
- c) The Director may waive the written report on a case-by-case basis if the oral report has been received in accordance with the above.
- d) Compliance with the requirements of IV.2 of this section, shall not relieve a person of compliance with Title 47, Series 11, Section 2.

3. Reporting Requirements

- a) Planned changes. The permittee shall give notice to the Director of any planned physical alterations or additions to the permitted facility which may affect the nature or quantity of the discharge. Notice is required when:
 - (1) The alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in Section 13.7.b of Series 10, Title 47; or
 - (2) The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants which are subject neither to effluent limitations in the permit, nor to notification requirements under IV.2 of this section.
- b) Anticipated noncompliance. The permittee shall give advance notice to the Director of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements.
- c) In addition to the above reporting requirements, all existing manufacturing, commercial, and silvicultural discharges must notify the Director in writing as soon as they know or have reason to believe:
 - (1) That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, or any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
 - (A) One hundred micrograms per liter (100 ug/l);
 - (B) Two hundred micrograms per liter (200 ug/l) for acrolein and acrylonitrile; five hundred micrograms per liter (500 ug/l) for 2,4-dinitro phenol; and for 2-methyl 4,6-dinitrophenol; and one milligram per liter (1 mg/l) for antimony;
 - (C) Five (5) times the maximum concentration value reported for that pollutant in the permit application in accordance with Section 4.4.b.9 of Series 10, Title 47.
 - (D) The level established by the Director in accordance with Section 6.3.g of Series 10, Title 47;
 - (2) That any activity has occurred or will occur which would result in any discharge (on a non-routine or infrequent basis) of a toxic which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
 - (A) Five hundred micrograms per liter (500 ug/l);
 - (B) One milligram per liter (1 mg/l) for antimony;
 - (C) Ten (10) times the maximum concentration value reported for that pollutant in the permit application in accordance with Section 4.4.b.7 of Series 10, Title 47;
 - (D) The level established by the Director in accordance with Section 6.3.g of Series 10, Title 47.
 - (3) That they have begun or expect to begin to use or manufacture as an intermediate or final product or by-product of any toxic pollutant which was not reported in the permit application under Section 4.4.b.9 of Series 10, Title 47 and which will result in the discharge on a routine or frequent basis of that toxic pollutant at levels which exceed five times the detection limit for that pollutant under approved analytical procedure.
 - (4) That they have begun or expect to begin to use or manufacture as an intermediate or final product or by-product of any toxic pollutant which was not reported in the permit application under Section 4.4.b.9 of Series 10, Title 47 and which will result in the discharge on a non-routine or infrequent basis of that toxic pollutant at levels which exceed ten times the detection limit for that pollutant under approved analytical procedure.

4. Other Noncompliance

The permittee shall report all instances of noncompliance not reported under the above paragraphs at the time monitoring reports are submitted. The reports shall contain the information listed in IV.2.a). Should other applicable noncompliance reporting be required, these terms and conditions will be found in Section C of this permit.

STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 003
 WASTeload FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
50050 (ML-1) RF-A Flow, In Conduit or thru plant Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mgd		1/month Estimated
00530 (ML-1) RF-A Total Suspended Solids Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	30 Avg. Monthly	60 Max. Daily	N/A	mg/l		1/week Comp
00400 (ML-1) RF-A pH Year Round	Reported											
	Permit Limits	N/A	N/A			6 Inst. Min.	N/A	9 Inst. Max.	N/A	S.U.		1/month Grab
00300 (ML-1) RF-A Dissolved Oxygen Year Round	Reported											
	Permit Limits	N/A	N/A			Rpt Only Inst. Min.	Rpt Only Avg. Monthly	N/A	N/A	mg/l		1/month Grab
01119 (ML-1) RF-A Copper, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	0.01 Avg. Monthly	0.022 Max. Daily	N/A	mg/l		1/month Comp
01114 (ML-1) RF-A Lead, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	0.004 Avg. Monthly	0.011 Max. Daily	N/A	mgd		1/month Comp

* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed	
		Signature of Principal Executive Officer or Authorized Agent	
Title of Officer			

STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC
 LOCATION OF FACILITY: ANMOORE; Harrison County
 PERMIT NO.: WV0004707 003
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Comp
00980 (ML-1) RF-A Iron, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	1.17 Avg. Monthly	2.36 Max. Daily	N/A	mg/l		1/month	Comp
00940 (ML-1) RF-A Chloride (as Cl) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	188 Avg. Monthly	367 Max. Daily	N/A	mg/l		1/month	Comp
61426 (ML-1) RF-B Chronic Tox-Ceriodaphnia Dubia Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	TUc		1/quarter	Comp
61426 (ML-1) RF-B Chronic Tox-Ceriodaphnia Dubia Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	0.5 Avg. Monthly	1.55 Max. Daily	1	TUc		1/quarter	Comp
61428 (ML-1) RF-D Chronic Toxicity - Pimephales Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	TUc		1/year	Comp

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Title of Officer		Signature of Principal Executive Officer or Authorized Agent	

STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
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 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 003 _____
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34526 (ML-1) RF-A Benzo (A) Anthracene Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/month	Comp
34526 (ML-1) RF-A Benzo (A) Anthracene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	3.8 Avg. Monthly	7.4 Max. Daily	N/A	NG/L		1/month	Comp
34320 (ML-1) RF-A Chrysene Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/month	Comp
34320 (ML-1) RF-A Chrysene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	3.8 Avg. Monthly	7.3 Max. Daily	N/A	NG/L		1/month	Comp
34230 (ML-1) RF-A Benzo (B) Fluoranthene Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/month	Comp
34230 (ML-1) RF-A Benzo (B) Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	3.8 Avg. Monthly	8.7 Max. Daily	N/A	NG/L		1/month	Comp

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 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34242 (ML-1) RF-A Benzo (K) Fluoranthene Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/month Comp
34242 (ML-1) RF-A Benzo (K) Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	3.8 Avg. Monthly	6.9 Max. Daily	N/A	NG/L		1/month Comp
34247 (ML-1) RF-A Benzo (A) Pyrene Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/month Comp
34247 (ML-1) RF-A Benzo (A) Pyrene Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	3.8 Avg. Monthly	11 Max. Daily	N/A	NG/L		1/month Comp
34556 (ML-1) RF-A Dibenzo (A,H) Anthracene Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/month Comp
34556 (ML-1) RF-A Dibenzo (A,H) Anthracene Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	3.8 Avg. Monthly	9.9 Max. Daily	N/A	NG/L		1/month Comp

* CEL = Compliance Evaluation Level

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 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 003 _____
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.								
34403 (ML-1) RF-A	Reported												
Indeno (1,2,3-cd) Pyrene	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	NG/L		1/month	Comp
Year Round							Avg. Monthly	Max. Daily					
Interim: 6/1/2021 to 5/31/2023													
34403 (ML-1) RF-A	Reported												
Indeno (1,2,3-cd) Pyrene	Permit Limits	N/A	N/A			N/A	3.8	10	N/A	NG/L		1/month	Comp
Year Round							Avg. Monthly	Max. Daily					
00070 (ML-1) RF-A	Reported												
Turbidity	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	NTU		5days/week	Grab
Year Round							Avg. Monthly	Max. Daily					
00018 (ML-2) RF-A	Reported												
Temp. Diff. Discharge/Upstream	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	DEG.F		1/month	Calculated
Year Round							Avg. Monthly	Max. Daily					
Interim: 6/1/2021 to 6/31/2023													
00018 (ML-2) RF-A	Reported												
Temp. Diff. Discharge/Upstream	Permit Limits	N/A	N/A			N/A	Rpt Only	5	N/A	DEG.F		1/month	Calculated
Year Round							Avg. Monthly	Max. Daily					
00011 (ML-5) RF-A	Reported												
Temperature, F	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	DEG.F		1/month	Insitu
Year Round							Avg. Monthly	Max. Daily					

* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed	
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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 003
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00011 (ML-1) RF-A Temperature, F January 1-31	Reported							N/A	DEG.F		1/month	Insitu
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily					
00011 (ML-1) RF-A Temperature, F February 1-28	Reported							N/A	DEG.F		1/month	Insitu
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily					
00011 (ML-1) RF-A Temperature, F March 1-31	Reported							N/A	DEG.F		1/month	Insitu
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily					
00011 (ML-1) RF-A Temperature, F April 1-30 Interim: 6/1/2021 to 6/31/2023	Reported							N/A	DEG.F		1/month	Insitu
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily					
00011 (ML-1) RF-A Temperature, F April 1-30	Reported							N/A	DEG.F		1/month	Insitu
	Permit Limits	N/A	N/A		N/A	63 Avg. Monthly	73 Max. Daily					
00011 (ML-1) RF-A Temperature, F May 1-31	Reported							N/A	DEG.F		1/month	Insitu
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily					

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Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed	
Title of Officer		Signature of Principal Executive Officer or Authorized Agent	

STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 003 INDIVIDUAL PERFORMING ANALYSIS: _____
 WASTELOAD FOR THE MONTH OF: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00011 (ML-1) RF-A Temperature, F June 1-30	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/month	Insitu
00011 (ML-1) RF-A Temperature, F July 1-31	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/month	Insitu
00011 (ML-1) RF-A Temperature, F August 1-31	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/month	Insitu
00011 (ML-1) RF-A Temperature, F September 1-30	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/month	Insitu
00011 (ML-1) RF-A Temperature, F October 1-31	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/month	Insitu
00011 (ML-1) RF-A Temperature, F November 1-30	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/month	Insitu

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 003 _____
 WASTeload FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00011 (ML-1) RF-A Temperature, F December 1-31	Reported							N/A	DEG.F		1/month	Insitu
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily					
81017 (ML-1) RF-A Chem: Oxygen Demand Year Round	Reported							N/A	mg/l		1/month	Comp
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily					
00552 (ML-1) RF-A Oil and Grease, Hexane EXTR. Year Round	Reported							N/A	mg/l		1/week	Grab
	Permit Limits	N/A	N/A		N/A	10 Avg. Monthly	15 Max. Daily					

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 009
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
50050 (ML-1) RF-A Flow In Conduit or thru plant Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mgd		1/month	measured
00530 (ML-1) RF-A Total Suspended Solids Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	30 Avg. Monthly	60 Max. Daily	N/A	mg/l		1/week	Comp
00400 (ML-1) RF-A pH Year Round	Reported											
	Permit Limits	N/A	N/A		6 Inst. Min.	N/A	9 Inst. Max.	N/A	S.U.		1/week	Grab
00300 (ML-1) RF-A Dissolved Oxygen Year Round	Reported											
	Permit Limits	N/A	N/A		Rpt Only Inst. Min.	Rpt Only Avg. Monthly	N/A	N/A	mg/l		1/month	Grab
50080 (ML-1) RF-A Chlorine, Total Residual Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	9 Avg. Monthly	18 Max. Daily	100	ug/l		1/month	Grab
01119 (ML-1) RF-A Copper, Total Recoverable Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/month	Comp

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE, Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 009
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
01119 (ML-1) RF-A Copper, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	0.01 Avg. Monthly	0.022 Max. Daily	N/A	mg/l		1/month	Comp
01114 (ML-1) RF-A Lead, Total Recoverable Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/month	Comp
01114 (ML-1) RF-A Lead, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	0.004 Avg. Monthly	0.011 Max. Daily	N/A	mg/l		1/month	Comp
01074 (ML-1) RF-D Nickel, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/year	Comp
01104 (ML-1) RF-A Aluminum, Total Recoverable Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/month	Comp
01104 (ML-1) RF-A Aluminum, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	0.34 Avg. Monthly	0.75 Max. Daily	N/A	mg/l		1/month	Comp

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

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 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 009 _____
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00980 (ML-1) RF-A Iron, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	1.1 Avg. Monthly	2.5 Max. Daily	N/A	mg/l		1/month	Comp
00940 (ML-1) RF-A Chloride (as Cl) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	191 Avg. Monthly	355 Max. Daily	N/A	mg/l		1/month	Comp
61425 (ML-1) RF-B Acute Tox - Ceriodaphnia Dubia Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	TUa		1/quarter	Comp
61425 (ML-1) RF-B Acute Tox - Ceriodaphnia Dubia Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	0.08 Avg. Monthly	0.17 Max. Daily	0.9	TUa		1/quarter	Comp
61427 (ML-1) RF-B Acute Toxicity - Pimephales Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	TUa		1/quarter	Comp
61427 (ML-1) RF-B Acute Toxicity - Pimephales Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	0.087 Avg. Monthly	0.15 Max. Daily	0.9	TUa		1/quarter	Comp

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FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
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 PERMIT NO.: WV0004707 009
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34526 (ML-1) RF-A	Reported											
Benzo (A) Anthracene	Permit Limits	N/A	N/A		N/A	Rpt Only	Rpt Only	N/A	NG/L		1/month	Comp
Year Round						Avg. Monthly	Max. Daily					
Interim: 6/1/2021 to 5/31/2023												
34526 (ML-1) RF-A	Reported											
Benzo (A) Anthracene	Permit Limits	N/A	N/A		N/A	3.8	9.9	N/A	NG/L		1/month	Comp
Year Round						Avg. Monthly	Max. Daily					
34320 (ML-1) RF-A	Reported											
Chrysene	Permit Limits	N/A	N/A		N/A	Rpt Only	Rpt Only	N/A	NG/L		1/month	Comp
Year Round						Avg. Monthly	Max. Daily					
Interim: 6/1/2021 to 5/31/2023												
34320 (ML-1) RF-A	Reported											
Chrysene	Permit Limits	N/A	N/A		N/A	3.8	10	N/A	NG/L		1/month	Comp
Year Round						Avg. Monthly	Max. Daily					
34230 (ML-1) RF-A	Reported											
Benzo (B) Fluoranthene	Permit Limits	N/A	N/A		N/A	Rpt Only	Rpt Only	N/A	NG/L		1/month	Comp
Year Round						Avg. Monthly	Max. Daily					
Interim: 6/1/2021 to 5/31/2023												
34230 (ML-1) RF-A	Reported											
Benzo (B) Fluoranthene	Permit Limits	N/A	N/A		N/A	3.8	9.8	N/A	NG/L		1/month	Comp
Year Round						Avg. Monthly	Max. Daily					

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 009
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34242 (ML-1) RF-A Benzo (K) Fluoranthene Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/month	Comp
34242 (ML-1) RF-A Benzo (K) Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	3.8 Avg. Monthly	8.6 Max. Daily	N/A	NG/L		1/month	Comp
34247 (ML-1) RF-A Benzo (A) Pyrene Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/month	Comp
34247 (ML-1) RF-A Benzo (A) Pyrene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	3.8 Avg. Monthly	9.9 Max. Daily	N/A	NG/L		1/month	Comp
34556 (ML-1) RF-A Dibenzo (A,H) Anthracene Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/month	Comp
34556 (ML-1) RF-A Dibenzo (A,H) Anthracene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	3.8 Avg. Monthly	7.7 Max. Daily	N/A	NG/L		1/month	Comp

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STATE OF WEST VIRGINIA
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 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 009 _____
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34403 (ML-1) RF-A Indeno (1,2,3-cd) Pyrene Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/month	Comp
34403 (ML-1) RF-A Indeno (1,2,3-cd) Pyrene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	3.8 Avg. Monthly	9.4 Max. Daily	N/A	NG/L		1/month	Comp
00070 (ML-1) RF-A Turbidity Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NTU		5days/week	Grab
00018 (ML-2) RF-A Temp. Diff. Discharge/Upstream Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	5 Max. Daily	N/A	DEG.F		1/month	Calculated
00011 (ML-5) RF-A Temperature, F Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/month	Insitu
00011 (ML-1) RF-A Temperature, F January 1-31	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/month	Insitu

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 009 _____
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00011 (ML-1) RF-A Temperature, F February 1-28	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	DEG.F		1/month	Insitu
00011 (ML-1) RF-A Temperature, F March 1-31	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	DEG.F		1/month	Insitu
00011 (ML-1) RF-A Temperature, F April 1-30	Reported											
	Permit Limits	N/A	N/A		N/A	63 Avg. Monthly	73 Max Daily	N/A	DEG.F		1/month	Insitu
00011 (ML-1) RF-A Temperature, F May 1-31	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	DEG.F		1/month	Insitu
00011 (ML-1) RF-A Temperature, F June 1-30	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max Daily	N/A	DEG.F		1/month	Insitu
00011 (ML-1) RF-A Temperature, F July 1-31	Reported											
	Permit Limits	N/A	N/A		N/A	75 Avg. Monthly	87 Max Daily	N/A	DEG.F		1/month	Insitu

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FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
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 PERMIT NO.: WV0004707 009 INDIVIDUAL PERFORMING ANALYSIS: _____
 WASTELOAD FOR THE MONTH OF: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00011 (ML-1) RF-A Temperature, F August 1-31	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/month	Insitu
00011 (ML-1) RF-A Temperature, F September 1-30	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/month	Insitu
00011 (ML-1) RF-A Temperature, F October 1-31	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/month	Insitu
00011 (ML-1) RF-A Temperature, F November 1-30	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/month	Insitu
00011 (ML-1) RF-A Temperature, F December 1-31	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/month	Insitu
81017 (ML-1) RF-A Chem. Oxygen Demand Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/month	Comp

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Title of Officer		Signature of Principal Executive Officer or Authorized Agent	

STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 009
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00552 (ML-1) RF-A	Reported											
Oil and Grease, Hexane EXTR. Year Round	Permit Limits	N/A	N/A		N/A	10 Avg. Monthly	15 Max. Daily	N/A	mg/l		1/week	Grab

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Title of Officer		Signature of Principal Executive Officer or Authorized Agent _____	

STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 011
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
50050 (ML-1) RF-B Flow in Conduit or thru plant Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mgd		1/quarter	Estimated
00530 (ML-1) RF-B Total Suspended Solids Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00400 (ML-1) RF-B pH Year Round	Reported											
	Permit Limits	N/A	N/A		Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	S.U.		1/quarter	Grab
01119 (ML-1) RF-B Copper, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01074 (ML-1) RF-B Nickel, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 011
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00940 (ML-1) RF-B Chloride (as Cl) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
34489 (ML-1) RF-B Pyrene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34526 (ML-1) RF-B Benzo (A) Anthracene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34320 (ML-1) RF-B Chrysene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34376 (ML-1) RF-B Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34381 (ML-1) RF-B Fluorene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 011 _____
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34205 (ML-1) RF-B Acenaphthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34220 (ML-1) RF-B Anthracene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34230 (ML-1) RF-B Benzo (B) Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34242 (ML-1) RF-B Benzo (K) Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34247 (ML-1) RF-B Benzo (A) Pyrene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34556 (ML-1) RF-B Dibenzo (A,H) Anthracene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 011 INDIVIDUAL PERFORMING ANALYSIS: _____
 WASTELOAD FOR THE MONTH OF: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34403 (ML-1) RF-B Indeno (1,2,3-cd) Pyrene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
00070 (ML-1) RF-B Turbidity Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NTU		1/quarter	Grab
01045 (ML-1) RF-B Iron, Total (as Fe) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	1.5 Max. Daily	N/A	mg/l		1/quarter	Grab
00552 (ML-1) RF-B Oil and Grease, Hexane EXTR. Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 015 INDIVIDUAL PERFORMING ANALYSIS: _____
 WASTELOAD FOR THE MONTH OF: _____

Parameter		Quantity			Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
50050 (ML-1) RF-B Flow in Conduit or thru plant Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mgd		1/quarter	Estimated
00530 (ML-1) RF-B Total Suspended Solids Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00400 (ML-1) RF-B pH Year Round	Reported											
	Permit Limits	N/A	N/A		Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	S.U.		1/quarter	Grab
01119 (ML-1) RF-B Copper, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01114 (ML-1) RF-B Lead, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01074 (ML-1) RF-B Nickel, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab

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 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE, Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 015 INDIVIDUAL PERFORMING ANALYSIS: _____
 WASTELOAD FOR THE MONTH OF: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00940 (ML-1) RF-B Chloride (as Cl) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
34469 (ML-1) RF-B Pyrene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34526 (ML-1) RF-B Benzo (A) Anthracene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34320 (ML-1) RF-B Chrysene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34376 (ML-1) RF-B Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 015
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34381 (ML-1) RF-B Fluorene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34205 (ML-1) RF-B Acenaphthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34220 (ML-1) RF-B Anthracene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34230 (ML-1) RF-B Benzo (B) Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34242 (ML-1) RF-B Benzo (K) Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34247 (ML-1) RF-B Benzo (A) Pyrene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 015
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34556 (ML-1) RF-B Dibenzo (A,H) Anthracene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34403 (ML-1) RF-B Indeno (1,2,3-cd) Pyrene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
00070 (ML-1) RF-B Turbidity Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NTU		1/quarter	Grab
01045 (ML-1) RF-B Iron, Total (as Fe) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00552 (ML-1) RF-B Oil and Grease, Hexane EXTR. Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 019 _____
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
50050 (ML-1) RF-B Flow, In Conduit or thru plant Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mgd		1/quarter	Estimated
00530 (ML-1) RF-C Total Suspended Solids Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00400 (ML-1) RF-B pH Year Round	Reported											
	Permit Limits	N/A	N/A		Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	S.U.		1/quarter	Grab
01119 (ML-1) RF-B Copper, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01114 (ML-1) RF-C Lead, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01074 (ML-1) RF-C Nickel, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 019 _____
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter Grab
00940 (ML-1) RF-C Chloride (as Cl) Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months Grab
34469 (ML-1) RF-B Pyrene Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter Grab
34526 (ML-1) RF-B Benzo (A) Anthracene Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter Grab
34320 (ML-1) RF-B Chrysene Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter Grab
34376 (ML-1) RF-B Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter Grab

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Title of Officer		Signature of Principal Executive Officer or Authorized Agent	

STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 019 INDIVIDUAL PERFORMING ANALYSIS: _____
 WASTELOAD FOR THE MONTH OF: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34381 (ML-1) RF-B Fluorene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34205 (ML-1) RF-B Acenaphthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34220 (ML-1) RF-B Anthracene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34230 (ML-1) RF-B Benzo (B) Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34242 (ML-1) RF-B Benzo (K) Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34247 (ML-1) RF-B Benzo (A) Pyrene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab

* CEL = Compliance Evaluation Level

Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed	
Title of Officer		Signature of Principal Executive Officer or Authorized Agent	

STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 019 _____
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34556 (ML-1) RF-B Dibenzo (A,H) Anthracene Year Round	Reported Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter Grab
34403 (ML-1) RF-B Indeno (1,2,3-cd) Pyrene Year Round	Reported Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter Grab
00070 (ML-1) RF-B Turbidity Year Round	Reported Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NTU		1/quarter Grab
01045 (ML-1) RF-B Iron, Total (as Fe) Year Round	Reported Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter Grab
00552 (ML-1) RF-C Oil and Grease, Hexane EXTR. Year Round	Reported Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months Grab

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Title of Officer 		Signature of Principal Executive Officer or Authorized Agent

STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 022
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
50050 (ML-1) RF-B Flow, In Conduit or thru plant Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mgd		1/quarter	Estimated
00530 (ML-1) RF-B Total Suspended Solids Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00400 (ML-1) RF-B pH Year Round	Reported											
	Permit Limits	N/A	N/A		Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	S.U.		1/quarter	Grab
01119 (ML-1) RF-B Copper, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01114 (ML-1) RF-B Lead, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01074 (ML-1) RF-B Nickel, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 022
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00940 (ML-1) RF-B Chloride (as Cl) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
34469 (ML-1) RF-B Pyrene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34526 (ML-1) RF-B Benzo (A) Anthracene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34320 (ML-1) RF-B Chrysene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34376 (ML-1) RF-B Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 022 _____
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34381 (ML-1) RF-B Fluorene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34206 (ML-1) RF-B Acenaphthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34220 (ML-1) RF-B Anthracene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34230 (ML-1) RF-B Benzo (B) Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34242 (ML-1) RF-B Benzo (K) Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34247 (ML-1) RF-B Benzo (A) Pyrene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab

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STATE OF WEST VIRGINIA
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 LOCATION OF FACILITY: ANMOORE, Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 022
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34556 (ML-1) RF-B Dibenzo (A,H) Anthracene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34403 (ML-1) RF-B Indeno (1,2,3-cd) Pyrene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
00070 (ML-1) RF-B Turbidity Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NTU		1/quarter	Grab
01045 (ML-1) RF-B Iron, Total (as Fe) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00552 (ML-1) RF-B Oil and Grease, Hexane EXTR. Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab

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STATE OF WEST VIRGINIA
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FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE, Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 023
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
50050 (ML-1) RF-B Flow In Conduit or thru plant Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mgd		1/quarter	Estimated
00530 (ML-1) RF-C Total Suspended Solids Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00400 (ML-1) RF-B pH Year Round	Reported											
	Permit Limits	N/A	N/A		Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	S.U.		1/quarter	Grab
01119 (ML-1) RF-B Copper, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01114 (ML-1) RF-C Lead, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01074 (ML-1) RF-C Nickel, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab

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STATE OF WEST VIRGINIA
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 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 023 _____
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
01104 (ML-1) RF-B	Reported											
Aluminum, Total Recoverable	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
Year Round												
00940 (ML-1) RF-C	Reported											
Chloride (as Cl)	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
Year Round												
34469 (ML-1) RF-B	Reported											
Pyrene	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
Year Round												
34526 (ML-1) RF-B	Reported											
Benzo (A) Anthracene	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
Year Round												
34320 (ML-1) RF-B	Reported											
Chrysene	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
Year Round												
34376 (ML-1) RF-B	Reported											
Fluoranthene	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
Year Round												

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 023
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34381 (ML-1) RF-B Fluorene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34205 (ML-1) RF-B Acenaphthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34220 (ML-1) RF-B Anthracene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34230 (ML-1) RF-B Benzo (B) Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34242 (ML-1) RF-B Benzo (K) Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34247 (ML-1) RF-B Benzo (A) Pyrene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab

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FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 023 _____
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34556 (ML-1) RF-B Dibenz (A,H) Anthracene Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter Grab
34403 (ML-1) RF-B Indeno (1,2,3-cd) Pyrene Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter Grab
00070 (ML-1) RF-B Turbidity Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NTU		1/quarter Grab
01045 (ML-1) RF-B Iron, Total (as Fe) Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter Grab
00552 (ML-1) RF-C Oil and Grease, Hexane EXTR. Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months Grab

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 026
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
50050 (ML-1) RF-B Flow, In Conduit or thru plant Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mgd		1/quarter Estimated
00530 (ML-1) RF-C Total Suspended Solids Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months Grab
00400 (ML-1) RF-B pH Year Round	Reported											
	Permit Limits	N/A	N/A			Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	S.U.		1/quarter Grab
01119 (ML-1) RF-B Copper, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter Grab
01114 (ML-1) RF-C Lead, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months Grab
01074 (ML-1) RF-C Nickel, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months Grab

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Name of Principal Executive Officer	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 a fine and imprisonment for knowing violations.	Date Completed	
Title of Officer		Signature of Principal Executive Officer or Authorized Agent	

STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 026
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00980 (ML-1) RF-B Iron, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00940 (ML-1) RF-C Chloride (as Cl) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
34469 (ML-1) RF-B Pyrene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34526 (ML-1) RF-B Benzo (A) Anthracene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34320 (ML-1) RF-B Chrysene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab

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STATE OF WEST VIRGINIA
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 DISCHARGE MONITORING REPORT

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 LOCATION OF FACILITY: ANMOORE, Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 026
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34376 (ML-1) RF-B Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34381 (ML-1) RF-B Fluorene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34205 (ML-1) RF-B Acenaphthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34220 (ML-1) RF-B Anthracene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34230 (ML-1) RF-B Benzo (B) Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34242 (ML-1) RF-B Benzo (K) Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab

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 DISCHARGE MONITORING REPORT

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 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 026
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34247 (ML-1) RF-B	Reported											
Benzo (A) Pyrene	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
Year Round												
34556 (ML-1) RF-B	Reported											
Dibenzo (A,H) Anthracene	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
Year Round												
34403 (ML-1) RF-B	Reported											
Indeno (1,2,3-cd) Pyrene	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
Year Round												
00070 (ML-1) RF-B	Reported											
Turbidity	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NTU		1/quarter	Grab
Year Round												
00552 (ML-1) RF-C	Reported											
Oil and Grease, Hexane EXTR.	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
Year Round												

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 030
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
50050 (ML-1) RF-A Flow in Conduit or thru plant Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mgd		1/month	Estimated
00400 (ML-1) RF-A pH Year Round	Reported											
	Permit Limits	N/A	N/A		6 Inst. Min.	N/A	9 Inst. Max.	N/A	S.U.		1/month	Grab
00615 (ML-1) RF-A Nitrogen Nitrite Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/month	Comp
00615 (ML-1) RF-A Nitrogen Nitrite Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	0.41 Avg. Monthly	1 Max. Daily	N/A	mg/l		1/month	Comp
01094 (ML-1) RF-A Zinc, Total Recoverable Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/month	Comp
01094 (ML-1) RF-A Zinc, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	0.092 Avg. Monthly	0.177 Max. Daily	N/A	mg/l		1/month	Comp

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 030 _____
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00940 (ML-1) RF-B Chloride (as Cl) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Comp
61425 (ML-1) RF-B Acute Tox - Ceriodaphnia Dubia Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	TUa		1/quarter	Comp
61425 (ML-1) RF-B Acute Tox - Ceriodaphnia Dubia Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	0.08 Avg. Monthly	0.16 Max. Daily	N/A	TUa		1/quarter	Comp
61427 (ML-1) RF-D Acute Toxicity - Pimephales Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	TUa		1/year	Comp
00070 (ML-1) RF-A Turbidity Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NTU		5days/week	Grab

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 036
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
50050 (ML-1) RF-B Flow, in Conduit or thru plant Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mgd		1/quarter	Estimated
00530 (ML-1) RF-B Total Suspended Solids Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00400 (ML-1) RF-B pH Year Round	Reported											
	Permit Limits	N/A	N/A		Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	S.U.		1/quarter	Grab
01119 (ML-1) RF-B Copper, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01114 (ML-1) RF-B Lead, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01074 (ML-1) RF-B Nickel, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE, Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 036
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
01104 (ML-1) RF-B	Reported											
Aluminum, Total Recoverable Year Round Interim: 6/1/2021 to 5/31/2023	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01104 (ML-1) RF-B	Reported											
Aluminum, Total Recoverable Year Round	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	0.75 Max. Daily	N/A	mg/l		1/quarter	Grab
00940 (ML-1) RF-B	Reported											
Chloride (as Cl) Year Round	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
34469 (ML-1) RF-B	Reported											
Pyrene Year Round	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34526 (ML-1) RF-B	Reported											
Benzo (A) Anthracene Year Round	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34320 (ML-1) RF-B	Reported											
Chrysene Year Round	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab

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STATE OF WEST VIRGINIA
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 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC
 LOCATION OF FACILITY: ANMOORE; Harrison County
 PERMIT NO.: WV0004707 036
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34376 (ML-1) RF-B Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34381 (ML-1) RF-B Fluorene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34205 (ML-1) RF-B Acenaphthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34220 (ML-1) RF-B Anthracene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34230 (ML-1) RF-B Benzo (B) Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34242 (ML-1) RF-B Benzo (K) Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
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 PERMIT NO.: WV0004707 036
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34247 (ML-1) RF-B Benzo (A) Pyrene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34556 (ML-1) RF-B Dibenzo (A,H) Anthracene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34403 (ML-1) RF-B Indeno (1,2,3-cd) Pyrene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
00070 (ML-1) RF-B Turbidity Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NTU		1/quarter	Grab
01045 (ML-1) RF-B Iron, Total (as Fe) Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01045 (ML-1) RF-B Iron, Total (as Fe) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	1.5 Max. Daily	N/A	mg/l		1/quarter	Grab

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 036
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.								
00552 (ML-1) RF-B	Reported												
Oil and Grease, Hexane EXTR. Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 037 INDIVIDUAL PERFORMING ANALYSIS: _____
 WASTELOAD FOR THE MONTH OF: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
50050 (ML-1) RF-B Flow, In Conduit or thru plant Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mgd		1/quarter	Estimated
00530 (ML-1) RF-B Total Suspended Solids Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00400 (ML-1) RF-B pH Year Round	Reported											
	Permit Limits	N/A	N/A		Rpt Only Incl. Min.	N/A	Rpt Only Incl. Max.	N/A	S.U.		1/quarter	Grab
01119 (ML-1) RF-B Copper, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01114 (ML-1) RF-B Lead, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01074 (ML-1) RF-B Nickel, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab

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Title of Officer		Signature of Principal Executive Officer or Authorized Agent	

STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE, Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 037
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter	Quantity	Units	N.E.	Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round Interim: 6/1/2021 to 5/31/2023	Reported										
Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round	Reported										
Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	0.75 Max. Daily	N/A	mg/l		1/quarter	Grab
00940 (ML-1) RF-B Chloride (as Cl) Year Round	Reported										
Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
34469 (ML-1) RF-B Pyrene Year Round	Reported										
Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34526 (ML-1) RF-B Benzo (A) Anthracene Year Round	Reported										
Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34320 (ML-1) RF-B Chrysene Year Round	Reported										
Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab

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STATE OF WEST VIRGINIA
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 PERMIT NO.: WV0004707 037
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34376 (ML-1) RF-B	Reported											
Fluoranthene	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
Year Round												
34381 (ML-1) RF-B	Reported											
Fluorene	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
Year Round												
34205 (ML-1) RF-B	Reported											
Acenaphthene	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
Year Round												
34220 (ML-1) RF-B	Reported											
Anthracene	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
Year Round												
34230 (ML-2) RF-B	Reported											
Benzo (B) Fluoranthene	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
Year Round												
34242 (ML-1) RF-B	Reported											
Benzo (K) Fluoranthene	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
Year Round												

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

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 LOCATION OF FACILITY: ANMOORE, Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 037
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34247 (ML-1) RF-B	Reported											
Benzo (A) Pyrene	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
Year Round												
34556 (ML-1) RF-B	Reported											
Dibenzo (A,H) Anthracene	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
Year Round												
34403 (ML-1) RF-B	Reported											
Indeno (1,2,3-cd) Pyrene	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
Year Round												
00070 (ML-1) RF-B	Reported											
Turbidity	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NTU		1/quarter	Grab
Year Round												
01046 (ML-1) RF-B	Reported											
Iron, Total (as Fe)	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
Year Round												
Interim: 6/1/2021 to 5/31/2023												
01045 (ML-1) RF-B	Reported											
Iron, Total (as Fe)	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	1.5 Max. Daily	N/A	mg/l		1/quarter	Grab
Year Round												

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

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 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 037 INDIVIDUAL PERFORMING ANALYSIS: _____
 WASTELOAD FOR THE MONTH OF: _____

Parameter		Quantity				Other Units				Measurement Frequency	Sample Type		
				Units	N.E.				CEL*			Units	N.E.
00552 (ML-1) RF-B	Reported												
Oil and Grease, Hexane EXTR.	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
Year Round													

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 038
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
50050 (ML-1) RF-B Flow,in Conduit or thru plant Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mgd		1/quarter	Estimated
00530 (ML-1) RF-B Total Suspended Solids Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00400 (ML-1) RF-B pH Year Round	Reported											
	Permit Limits	N/A	N/A		Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	S.U.		1/quarter	Grab
01119 (ML-1) RF-B Copper, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01114 (ML-1) RF-B Lead, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01074 (ML-1) RF-B Nickel, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab

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STATE OF WEST VIRGINIA
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 PERMIT NO.: WV0004707 038
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00940 (ML-1) RF-B Chloride (as Cl) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
34469 (ML-1) RF-B Pyrene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34526 (ML-1) RF-B Benzo (A) Anthracene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34320 (ML-1) RF-B Chrysene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34376 (ML-1) RF-B Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 038
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34381 (ML-1) RF-B Fluorene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34205 (ML-1) RF-B Acenaphthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34220 (ML-1) RF-B Anthracene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
34230 (ML-1) RF-B Benzo (B) Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34242 (ML-1) RF-B Benzo (K) Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34247 (ML-1) RF-B Benzo (A) Pyrene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab

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STATE OF WEST VIRGINIA
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 PERMIT NO.: WV0004707 038
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34556 (ML-1) RF-B Dibenzo (A,H) Anthracene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34403 (ML-1) RF-B Indeno (1,2,3-cd) Pyrene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
00070 (ML-1) RF-B Turbidity Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NTU		1/quarter	Grab
01045 (ML-1) RF-B Iron, Total (as Fe) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	1.5 Max. Daily	N/A	mg/l		1/quarter	Grab
00552 (ML-1) RF-B Oil and Grease, Hexane EXTR. Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE, Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 039
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
50050 (ML-1) RF-A Flow, In Conduit or thru plant Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mgd		1/month	measured
00530 (ML-1) RF-A Total Suspended Solids Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/week	Comp
00400 (ML-1) RF-A pH Year Round	Reported											
	Permit Limits	N/A	N/A		6 Inst. Min.	N/A	9 Inst. Max.	N/A	S.U.		1/month	Grab
00615 (ML-1) RF-A Nitrogen Nitrite Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/month	Comp
01119 (ML-1) RF-A Copper, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	0.0108 Avg. Monthly	0.0216 Max. Daily	N/A	mg/l		1/month	Comp
01114 (ML-1) RF-A Lead, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/month	Comp

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STATE OF WEST VIRGINIA
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 DISCHARGE MONITORING REPORT

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 PERMIT NO.: WV0004707 039
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter	Quantity	Units	N.E.	Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
01094 (ML-1) RF-A Zinc, Total Recoverable Year Round	Reported Permit Limits	N/A N/A		N/A	0.088 Avg. Monthly	0.177 Max. Daily	N/A	mg/l		1/month	Comp
01113 (ML-1) RF-A Cadmium, Total Recoverable Year Round	Reported Permit Limits	N/A N/A		N/A	0.0003 Avg. Monthly	0.0006 Max. Daily	N/A	mg/l		1/month	Comp
01074 (ML-1) RF-A Nickel, Total Recoverable Year Round	Reported Permit Limits	N/A N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/month	Comp
01104 (ML-1) RF-A Aluminum, Total Recoverable Year Round	Reported Permit Limits	N/A N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/month	Comp
00980 (ML-1) RF-A Iron, Total Recoverable Year Round	Reported Permit Limits	N/A N/A		N/A	1.5 Avg. Monthly	3.1 Max. Daily	N/A	mg/l		1/month	Comp
00940 (ML-1) RF-A Chloride (as Cl) Year Round	Reported Permit Limits	N/A N/A		N/A	250 Avg. Monthly	318 Max. Daily	N/A	mg/l		1/month	Comp

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 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE, Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 039 INDIVIDUAL PERFORMING ANALYSIS: _____
 WASTELOAD FOR THE MONTH OF: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
61426 (ML-1) RF-B Chronic Tox-Ceriodaphnia Dubia Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	TUc		1/quarter	Comp
61428 (ML-1) RF-B Chronic Toxicity - Pimephales Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	TUc		1/quarter	Comp
00070 (ML-1) RF-A Turbidity Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NTU		5days/week	Grab
00552 (ML-1) RF-A Oil and Grease, Hexane EXTR. Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	10 Avg. Monthly	15 Max. Daily	N/A	mg/l		1/week	Grab

* CEL = Compliance Evaluation Level

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Title of Officer		Signature of Principal Executive Officer or Authorized Agent	

STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 043 INDIVIDUAL PERFORMING ANALYSIS: _____
 WASTELOAD FOR THE MONTH OF: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
50050 (ML-1) RF-C Flow, In Conduit or thru plant Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mgd		1/6 months	Estimated
00530 (ML-1) RF-C Total Suspended Solids Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00400 (ML-1) RF-C pH Year Round	Reported											
	Permit Limits	N/A	N/A		Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	S.U.		1/6 months	Grab
00940 (ML-1) RF-C Chloride (as Cl) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00070 (ML-1) RF-C Turbidity Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NTU		1/6 months	Grab
01045 (ML-1) RF-C Iron, Total (as Fe) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 043 INDIVIDUAL PERFORMING ANALYSIS: _____
 WASTELOAD FOR THE MONTH OF: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00552 (ML-1) RF-C	Reported											
Oil and Grease, Hexane EXTR. Year Round	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 045
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
50050 (ML-1) RF-C Flow, in Conduit or thru plant Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mgd		1/6 months	Estimated
00530 (ML-1) RF-C Total Suspended Solids Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00400 (ML-1) RF-C pH Year Round	Reported											
	Permit Limits	N/A	N/A		Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	S.U.		1/6 months	Grab
00940 (ML-1) RF-C Chloride (as Cl) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00070 (ML-1) RF-C Turbidity Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NTU		1/6 months	Grab
01045 (ML-1) RF-C Iron, Total (as Fe) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab

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FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 045
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units					Measurement Frequency	Sample Type	
				Units	N.E.				CEL *	Units			N.E.
00552 (ML-1) RF-C	Reported												
Oil and Grease, Hexane EXTR. Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 048
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
50050 (ML-1) RF-B Flow, In Conduit or thru plant Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mgd		1/quarter	Estimated
00530 (ML-1) RF-B Total Suspended Solids Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00400 (ML-1) RF-B pH Year Round	Reported											
	Permit Limits	N/A	N/A		Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	S.U.		1/quarter	Grab
01119 (ML-1) RF-B Copper, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01114 (ML-1) RF-B Lead, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
01074 (ML-1) RF-B Nickel, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab

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 PERMIT NO.: WV0004707 048
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
01104 (ML-1) RF-B	Reported											
Aluminum, Total Recoverable	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
Year Round												
00940 (ML-1) RF-B	Reported											
Chloride (as Cl)	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
Year Round												
34469 (ML-1) RF-B	Reported											
Pyrene	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
Year Round												
34526 (ML-1) RF-B	Reported											
Benzo (A) Anthracene	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
Year Round												
34320 (ML-1) RF-B	Reported											
Chrysane	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
Year Round												
34376 (ML-1) RF-B	Reported											
Fluoranthene	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
Year Round												

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 PERMIT NO.: WV0004707 048
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34381 (ML-1) RF-B	Reported											
Fluorene	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
Year Round												
34205 (ML-1) RF-B	Reported											
Acenaphthene	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
Year Round												
34220 (ML-1) RF-B	Reported											
Anthracene	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	ug/l		1/quarter	Grab
Year Round												
34230 (ML-1) RF-B	Reported											
Benzo (B) Fluoranthene	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
Year Round												
34242 (ML-1) RF-B	Reported											
Benzo (K) Fluoranthene	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
Year Round												
34247 (ML-1) RF-B	Reported											
Benzo (A) Pyrene	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
Year Round												

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STATE OF WEST VIRGINIA
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 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE, Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 048
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34556 (ML-1) RF-B Dibenzo (A,H) Anthracene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
34403 (ML-1) RF-B Indeno (1,2,3-cd) Pyrene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/quarter	Grab
00070 (ML-1) RF-B Turbidity Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NTU		1/quarter	Grab
01045 (ML-1) RF-B Iron, Total (as Fe) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
00552 (ML-1) RF-B Oil and Grease, Hexane EXTR. Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab

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 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE, Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 050
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
50050 (ML-1) RF-A Flow, in Conduit or thru plant Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mgd		1/month	measured
00530 (ML-1) RF-A Total Suspended Solids Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	30 Avg. Monthly	60 Max. Daily	N/A	mg/l		1/week	Comp
00400 (ML-1) RF-A pH Year Round	Reported											
	Permit Limits	N/A	N/A		6 Inst. Min.	N/A	9 Inst. Max.	N/A	S.U.		1/week	Grab
00300 (ML-1) RF-A Dissolved Oxygen Year Round	Reported											
	Permit Limits	N/A	N/A			Rpt Only Inst. Min.	Rpt Only Avg. Monthly	N/A	mg/l		1/month	Grab
50060 (ML-1) RF-A Chlorine, Total Residual Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	9 Avg. Monthly	18 Max. Daily	100	ug/l		1/month	Grab
01110 (ML-1) RF-A Copper, Total Recoverable Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/month	Comp

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 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC
 LOCATION OF FACILITY: ANMOORE; Harrison County
 PERMIT NO.: WV0004707 050
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
01119 (ML-1) RF-A Copper, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	0.01 Avg. Monthly	0.022 Max. Daily	N/A	mg/l		1/month Comp
01114 (ML-1) RF-A Lead, Total Recoverable Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/month Comp
01114 (ML-1) RF-A Lead, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	0.004 Avg. Monthly	0.011 Max. Daily	N/A	mg/l		1/month Comp
01074 (ML-1) RF-D Nickel, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/year Comp
01104 (ML-1) RF-A Aluminum, Total Recoverable Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/month Comp
01104 (ML-1) RF-A Aluminum, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	0.34 Avg. Monthly	0.75 Max. Daily	N/A	mg/l		1/month Comp

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 LOCATION OF FACILITY: ANMOORE, Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 050
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00980 (ML-1) RF-A Iron, Total Recoverable Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	1.1 Avg. Monthly	2.5 Max. Daily	N/A	mg/l		1/month	Comp
00940 (ML-1) RF-A Chloride (as Cl) Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	191 Avg. Monthly	355 Max. Daily	N/A	mg/l		1/month	Comp
61425 (ML-1) RF-B Acute Tox - Ceriodaphnia Dubia Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	TUa		1/quarter	Comp
61425 (ML-1) RF-B Acute Tox - Ceriodaphnia Dubia Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	0.08 Avg. Monthly	0.17 Max. Daily	0.9	TUa		1/quarter	Comp
61427 (ML-1) RF-B Acute Toxicity - Pimephales Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	TUa		1/quarter	Comp
61427 (ML-1) RF-B Acute Toxicity - Pimephales Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	0.087 Avg. Monthly	0.15 Max. Daily	0.9	TUa		1/quarter	Comp

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Title of Officer		Signature of Principal Executive Officer or Authorized Agent	

STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 050
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34526 (ML-1) RF-A Benzo (A) Anthracene Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/month Comp
34526 (ML-1) RF-A Benzo (A) Anthracene Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	3.8 Avg. Monthly	9.9 Max. Daily	N/A	NG/L		1/month Comp
34320 (ML-1) RF-A Chrysene Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/month Comp
34320 (ML-1) RF-A Chrysene Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	3.8 Avg. Monthly	10 Max. Daily	N/A	NG/L		1/month Comp
34230 (ML-1) RF-A Benzo (B) Fluoranthene Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/month Comp
34230 (ML-1) RF-A Benzo (B) Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	3.8 Avg. Monthly	9.8 Max. Daily	N/A	NG/L		1/month Comp

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

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 LOCATION OF FACILITY: ANMOORE, Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 050
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34242 (ML-1) RF-A Benzo (K) Fluoranthene Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/month Comp
34242 (ML-1) RF-A Benzo (K) Fluoranthene Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	3.8 Avg. Monthly	8.6 Max. Daily	N/A	NG/L		1/month Comp
34247 (ML-1) RF-A Benzo (A) Pyrene Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/month Comp
34247 (ML-1) RF-A Benzo (A) Pyrene Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	3.8 Avg. Monthly	9.9 Max. Daily	N/A	NG/L		1/month Comp
34556 (ML-1) RF-A Dibenzo (A,H) Anthracene Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/month Comp
34556 (ML-1) RF-A Dibenzo (A,H) Anthracene Year Round	Reported											
	Permit Limits	N/A	N/A			N/A	3.8 Avg. Monthly	7.7 Max. Daily	N/A	NG/L		1/month Comp

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE, Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 050
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
34403 (ML-1) RF-A Indeno (1,2,3-cd) Pyrene Year Round Interim: 6/1/2021 to 5/31/2023	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NG/L		1/month	Comp
34403 (ML-1) RF-A Indeno (1,2,3-cd) Pyrene Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	3.8 Avg. Monthly	9.4 Max. Daily	N/A	NG/L		1/month	Comp
00070 (ML-1) RF-A Turbidity Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NTU		5days/week	Grab
00018 (ML-2) RF-A Temp. Diff. Discharge/Upstream Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	5 Max. Daily	N/A	DEG.F		1/month	Calculated
00011 (ML-5) RF-A Temperature, F Year Round	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/month	Insitu
00011 (ML-1) RF-A Temperature, F January 1-31	Reported											
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	DEG.F		1/month	Insitu

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STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC
 LOCATION OF FACILITY: ANMOORE, Harrison County
 PERMIT NO.: WV0004707 050
 WASTELOAD FOR THE MONTH OF: _____

CERTIFIED LABORATORY NAME: _____
 CERTIFIED LABORATORY ADDRESS: _____
 INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00011 (ML-1) RF-A Temperature, F February 1-28	Reported							N/A	DEG.F		1/month	Insitu
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily					
00011 (ML-1) RF-A Temperature, F March 1-31	Reported							N/A	DEG.F		1/month	Insitu
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily					
00011 (ML-1) RF-A Temperature, F April 1-30	Reported							N/A	DEG.F		1/month	Insitu
	Permit Limits	N/A	N/A		N/A	63 Avg. Monthly	73 Max. Daily					
00011 (ML-1) RF-A Temperature, F May 1-31	Reported							N/A	DEG.F		1/month	Insitu
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily					
00011 (ML-1) RF-A Temperature, F June 1-30	Reported							N/A	DEG.F		1/month	Insitu
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily					
00011 (ML-1) RF-A Temperature, F July 1-31	Reported							N/A	DEG.F		1/month	Insitu
	Permit Limits	N/A	N/A		N/A	75 Avg. Monthly	87 Max. Daily					

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Title of Officer		Signature of Principal Executive Officer or Authorized Agent	<input type="text"/>

STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE, Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 050
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL*	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00011 (ML-1) RF-A Temperature, F August 1-31	Reported							N/A	DEG.F		1/month	Insitu
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily					
00011 (ML-1) RF-A Temperature, F September 1-30	Reported							N/A	DEG.F		1/month	Insitu
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily					
00011 (ML-1) RF-A Temperature, F October 1-31	Reported							N/A	DEG.F		1/month	Insitu
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily					
00011 (ML-1) RF-A Temperature, F November 1-30	Reported							N/A	DEG.F		1/month	Insitu
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily					
00011 (ML-1) RF-A Temperature, F December 1-31	Reported							N/A	DEG.F		1/month	Insitu
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily					
81017 (ML-1) RF-A Chem. Oxygen Demand Year Round	Reported							N/A	mg/l		1/month	Comp
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily					

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

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 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 050
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.								
00552 (ML-1) RF-A	Reported												
Oil and Grease, Hexane EXTR. Year Round	Permit Limits	N/A	N/A			N/A	10 Avg. Monthly	15 Max. Daily	N/A	mg/l		1/week	Grab

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 097
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00900 (ML-5) RF-B Hardness, Total (as CaCO3) Year Round	Reported							N/A	mg/l		1/quarter	Grab
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily					
00070 (ML-5) RF-A Turbidity Year Round	Reported							N/A	NTU		1/month	Grab
	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily					

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STATE OF WEST VIRGINIA
 NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
 DISCHARGE MONITORING REPORT

FACILITY NAME: (Anmoore Facility) AMSTED GRAPHITE MATERIALS LLC CERTIFIED LABORATORY NAME: _____
 LOCATION OF FACILITY: ANMOORE; Harrison County CERTIFIED LABORATORY ADDRESS: _____
 PERMIT NO.: WV0004707 098 _____
 WASTELOAD FOR THE MONTH OF: _____ INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity			Other Units			CEL *	Units	N.E.	Measurement Frequency	Sample Type
				Units	N.E.							
00900 (ML-5) RF-B	Reported											
Hardness, Total (as CaCO3)	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/quarter	Grab
Year Round												
00070 (ML-5) RF-A	Reported											
Turbidity	Permit Limits	N/A	N/A		N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	NTU		1/month	Grab
Year Round												

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Title of Officer		Signature of Principal Executive Officer or Authorized Agent	<input type="text"/>

**EMERGENCY RESPONSE SPILL ALERT SYSTEM
WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION**

REQUIREMENTS:

Title 47, Series 11, Section 2 of the West Virginia Legislative Rules, Environmental Protection, Water Resources - Waste Management, Effective July 1, 1994.

RESPONSIBILITY FOR REPORTING:

Each and every person who may cause or be responsible for any spill or accidental discharge of pollutants into the waters of the State shall give immediate notification to the Division of Water and Waste Management's Emergency Notification Number, 1-800-642-3074. Such notification shall set forth insofar as possible and as soon thereafter as practical the time and place of such spill or discharge, type or types and quantity or quantities of the material or materials therein, action or actions taken to stop such spill or discharge and to minimize the polluting effect thereof, the measure or measures taken or to be taken in order to prevent a recurrence of any such spill or discharge and such additional information as may be requested by the Division of Water and Waste Management. This also applies to spills to the waters of the State resulting from accidents to common carriers by highway, rail and water.

It shall be the responsibility of each industrial establishment or other entity discharging directly to a stream to have available the following information pertaining to those substances that are employed or handled in its operation in sufficiently large amounts as to constitute a hazard in case of an accidental spill or discharge into a public stream:

- (1) Potential toxicity in water to man, animals and aquatic life;
- (2) Details on analytical procedures for the quantitative estimation of such substances in water and
- (3) Suggestions on safeguards or other precautionary measures to nullify the toxic effects of a substance once it has gotten into a stream.

Failure to furnish such information as required by Section 14, Article 11, Chapter 22, Code of West Virginia may be punishable under Section 24, Article 11, Chapter 22, and/or Section 22, Article 11, Chapter 22, Code of West Virginia.

It shall be the responsibility of any person who causes or contributes in any way to the spill or accidental discharge of any pollutant or pollutants into State waters to immediately take any and all measures necessary to contain such spill or discharge. It shall further be the responsibility of such person to take any and all measures necessary to clean-up, remove and otherwise render such spill or discharge harmless to the waters of the State.

When the Director determines it necessary for the effective containment and abatement of spills and accidental discharges, the Director may require the person or persons responsible for such spill or discharge to monitor affected waters in a manner prescribed by the Director until the possibility of any adverse effect on the waters of the State no longer exists.

VOLUNTARY REPORTING BY LAW OFFICERS, U. S. COAST GUARD, LOCK MASTERS AND OTHERS:

In cases involving river and highway accidents where the responsible party may or may not be available to report the incident, law officers, U. S. Coast Guard, Lock Masters and other interested person(s) should make the report.

WHO TO CONTACT:

Notify the following number: **1-800-642-3074**

INFORMATION NEEDED:

- | | |
|----------------------------------------------|---------------------------------------|
| - Source of spill or discharge | - Personnel at the scene |
| - Location of incident | - Actions initiated |
| - Time of incident | - Shipper/Manufacturer identification |
| - Material spilled or discharged | - Railcar/Truck identification number |
| - Amount spilled or discharged | - Container type |
| - Toxicity of material spilled or discharged | |

NOTICE TO PERMITTEES

The 1999 regular session of the West Virginia legislature revised the Water Pollution Control Act, Chapter 22, Article 11, Section 10 of the Code of West Virginia relating to fees associated with permits. This section of the Code requires all holders of a State water pollution control permit or a national pollutant discharge elimination system permit to be assessed an annual permit fee, based upon rules promulgated by the Secretary of the Department of Environmental Protection. The Secretary has promulgated a final rule in accordance with the code revision to this effect and these rules were effective May 4, 2000. The rules establish an annual permit fee based upon the relative potential to degrade the waters of the State which, in most instances, relate to volume of discharge. However, for sewage facilities, the annual permit fee is based upon the number of customers served by the facility. You may contact the Secretary of State's Office, State Capitol Building, Charleston, WV 25305, to obtain a copy of the rules. The reference is Title 47, Legislative Rules, Department of Environmental Protection, Division of Water Resources, Series 26 Water Pollution Control Permit Fee Schedules.

Based upon the volume of discharge for which your facility is currently permitted, the number of customers served by your facility or for the category you fall within, pursuant to Section 7 of Title 47, Series 26, your annual permit fee is **\$5000.00**. This fee is due no later than the anniversary date of permit issuance in each year of the term of the permit or in the case of coverage under a general permit, the fee is due no later than the anniversary date of your coverage under the general permit. **You will be invoiced by this agency at the appropriate time for the fee.** Failure to submit the annual fee within ninety(90) days of the due date will render your permit void upon the date you are mailed a certified written notice to that effect.

RIGHT OF APPEAL

Notice is hereby given of your right to appeal the terms and conditions of this permit which you are aggrieved by to the Environmental Quality Board by filing a NOTICE OF APPEAL on the form prescribed by such Board for this purpose, with the Board, in accordance with the provisions of Section 21, Article 11, Chapter 22 of the Code of West Virginia within thirty (30) days after the date of receipt of the above permit.

EXHIBIT B

Facts Relevant to Appeal

1. AGM operates a carbon and graphite manufacturing facility in Anmoore, West Virginia (the “Site”). As part of its site operations, and relevant to this appeal, AGM discharges treated wastewater from Outlets 003, 009, 015, 030, 039, and 050.
2. AGM’s Permit was reissued by the WVDEP on or about April 28, 2021, and AGM received a copy of the reissued permit on or about April 28, 2021.
3. AGM’s appeal is timely filed.

Outlet 009.

4. Outlet 009 is being replaced by new Outlet 050. Both outlets will carry the same effluent. AGM recognizes the need to include Outlet 009 in the Permit as a means to allow for the transition to the new Outlet 050 but disagrees with the failure to change the requirements for Outlet 009 given the recognition that this transition will promptly occur. While Outlet 009 could be removed from the Permit once the transition occurs, AGM is instead seeking to recognize the fundamentally changed character of the outlet with the Permit’s approval of discharges that will soon be or are occurring via Outlet 050. Outlet 009 may not discharge at all after this transition. If it does, it is only anticipated to discharge in extreme weather events that exceed the capacity for Outlet 050. Given this circumstance, Outlet 009 would remain only for exigent or emergency circumstances and not as a regularly discharging outlet. Sampling will be taking place for Outlet 050, and any discharge from Outlet 009 will be precisely the same effluent. Thus, AGM seeks to eliminate the regular sampling requirements for Outlet 009. In so doing, no Outlet 009 discharge will fail to be fully characterized and reported via sampling of Outlet 050

discharges. Instead of the current sampling, AGM is seeking sampling only in those instances where a discharge occurs from Outlet 009. Further, the effluent limits should be revised to “report only” limits, as again this is precisely the same discharge as that discharging via Outlet 050 and are therefore duplicative. These permit adjustments are reasonable and protective while recognizing the new nature of this outlet as one that will only discharge, if at all, in the event of precipitation and runoff events exceeding the properly designed features of Outlet 050, or in other unanticipated bypass or upset situations. Failure to address the change in this Outlet 009 from the prior permit term is arbitrary and capricious and contrary to law.

5. In the event the Board does not find that the above Outlet 009 adjustments are proper, AGM seeks, in the alternative, for revision of the Permit to allow Outlet 050 to serve as a representative outlet for any potential future discharges that may occur from Outlet 009 for the entire period of the permit term that Outlet 050 is in operation.

WET Testing.

6. The Permit improperly requires a 96-hour acute Whole Effluent Toxicity (“WET”) test for Outlets 050, 009, and 030 that AGM is concerned will be impossible to properly conduct. Outlet 050 will be an intermittent discharge. Outlet 009 will perhaps not discharge at all once Outlet 050 is fully operational. In the event it does discharge, however, it will clearly be an intermittent discharge. Outlet 030 is a stormwater outlet with some ground water influence. A proper WET protocol cannot be carried out for these intermittent discharges.
7. In addition, the Permit requires chronic WET testing for Outlets 003 and 039. Outlet 039 is a stormwater-only outlet and an intermittent discharge that should not be subject to

chronic WET testing. Moreover, as stated above, the WET protocol will be difficult at best to carry out properly.

Stormwater Outlet Corrections.

8. Outlet 015, which was removed from the last version of the Permit, has been erroneously included again in this renewed Permit. As previously established, Outlet 015 is not impacted by the facility, but is instead a stormwater outlet for the Town of Anmoore and the West Virginia Division of Highways. AGM has no ability to control the quality or quantity of discharges from Outlet 015 and its inclusion in the Permit was arbitrary and capricious and contrary to law.
9. Outlet 039 has been incorrectly characterized. As previously established, any groundwater previously associated with Outlet 039 is now routed to the POTW. Thus, Outlet 039 is a stormwater-only outlet with intermittent discharges. AGM seeks to have this corrected in the Permit.
10. In addition, the Permit should be revised to reflect that Outlet 038 is the representative outlet for Outlet 039 and eliminate duplicative sampling requirements for this outlet (if not eliminate the outlet altogether). The previous version of the Permit eliminated this outlet. Outlet 038 drains the same area as Outlet 039 and posed fewer difficulties in accessing for sampling.

Schedule of Compliance.

11. AGM seeks to revise the Schedule of Compliance set forth in Section B, Pages 64 and 65 of the Permit, to include additional time for complete characterization through collection of sufficient data needed for a full evaluation and characterization of any discharges of PAHs, WET, temperature, copper, lead, zinc and aluminum through Outlets 003, 009, 050,

and for WET, zinc and nitrite nitrogen at Outlet 030 in order to meaningfully design and engineer any necessary upgrades or modifications to the facility. Without a complete data set, any engineering, design, and planning for any upgrades will be subject to error. AGM agrees with the need for a schedule of compliance for these new permit terms and conditions but argues that it was arbitrary and capricious to require AGM to proceed with planning, design and engineering, as well as implementation of upgrades, based on inadequate data. AGM also points out that it is much more difficult to obtain a complete data set when most or all of the outlets in question discharge on an intermittent basis.

Section C Conditions.

12. AGM seeks a revision of Section C of the Permit, C.28, to clarify that the daily inspection log should occur on weekdays. This would accurately reflect operations at the AGM site which occur primarily on weekdays. During weekends, there is very limited staff, and no movement of materials around the site.
13. In Section C of the Permit, AGM seeks to revise C.29 to eliminate uncertainty in reporting on outlets where no discharge has been observed, and to be consistent with Condition C.14 setting forth instructions on when samples need to be taken for stormwater outlets.

Questions of Fact

1. Whether Outlet 009 contains the same effluent as Outlet 050?
2. Whether Outlet 009 will discharge once AGM transitions to use of Outlet 050?
3. Whether Outlet 009 will discharge, if at all, only in upset or bypass situations?
4. Whether Outlet 009 will discharge, if at all, only in emergency situations?
5. Whether sampling of Outlet 050 and 009 is duplicative once AGM transitions to use of Outlet 050?
6. Whether Outlet 050 can properly serve as a representative outlet for Outlet 009 in the limited circumstances when it may discharge?
7. Whether the WET method set forth in the Permit is inconsistent with and improper for this Permit's intermittent discharges?
8. Whether Outlet 015 carries runoff from areas controller and / or impacted by the Town of Anmoore and the West Virginia Division of Highways?
9. Whether AGM has any impact on or control over the quality of discharges from Outlet 015?
10. Whether Outlet 015 was previously eliminated from the Permit?
11. Whether Outlet 039 is a storm water only outlet, where groundwater that would previously have flowed to that outlet are now directed to the local POTW?
12. Whether Outlet 039 is duplicative of Outlet 038 and should be eliminated from the Permit?
13. Whether Outlet 038 can properly serve as a representative outlet for Outlet 039?

14. Whether the WVDEP's Schedule of Compliance contains sufficient time for data collection?
15. Whether Section C.28 of the Permit needs to be revised to reflect that daily inspections will take place on weekdays?
16. Whether Section C.29 of the Permit needs to be revised to eliminate uncertainty in the reporting for outlets where no discharge has been observed?
17. Whether Section C.29 of the Permit is inconsistent with Section C.14 as currently drafted?
18. Whether the Permit includes excessive effluent sampling requirements for areas and outlets draining the same areas of the site?

Questions of Law

1. Whether the Permit inclusion of duplicative sampling and effluent limits for Outlets 050 and 009 is arbitrary and capricious and contrary to law?
2. Whether failure to revise the permit conditions and limitations for Outlet 009 is arbitrary and capricious and contrary to law?
3. Whether assignment of WET testing for intermittent discharges is arbitrary and capricious and contrary to law?
4. Whether assignment of chronic WET testing for an intermittent discharge is arbitrary and capricious and contrary to law?
5. Whether failure to correct factual errors related to certain storm water outlets is arbitrary and capricious and contrary to law?

6. Whether the re-inclusion of certain previously eliminated stormwater outlets in the Permit, including Outlets 015 and 039, is arbitrary and capricious and contrary to law?
7. Whether failure to allow for appropriate representative sampling is arbitrary and capricious and contrary to law?
8. Whether the WVDEP's failure provide sufficient time for data collection to characterize discharges as to new permit terms and conditions is arbitrary and capricious and contrary to law?
9. Whether the failure to account for pollutants that are located on the Site through activities unrelated to AGM is arbitrary and capricious and contrary to law?
10. Whether the ambiguity of Sections C.28 and C.29 of the Permit is arbitrary and capricious and contrary to law?

WEST VIRGINIA ENVIRONMENTAL QUALITY BOARD
CHARLESTON, WEST VIRGINIA

AMSTED GRAPHITE MATERIALS LLC
Appellant,

v.

Appeal No. _____

DIVISION OF WATER AND WASTE
MANAGEMENT, WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL
PROTECTION,

Appellee.

CERTIFICATE OF SERVICE

I, Allyn G. Turner, do hereby certify that a true and exact copy of the foregoing NOTICE OF APPEAL was caused to be served upon the following via hand delivery this 26th day of May, 2021.

Ms. Kathy Emery, Director
Division of Water and Waste Management
WV Department of Environmental Protection
601 - 57th Street SE
Charleston, WV 25304 – 2345

Office of Legal Services
WV Department of Environmental Protection
601 - 57th Street SE
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