



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

SOLID WASTE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
WATER POLLUTION CONTROL PERMIT

NPDES PERMIT NO.: WV0075795

SUBJECT: Solid Industrial Waste

ISSUE DATE:

EFFECTIVE DATE :

EXPIRATION DATE:

SUPERSEDES: Permit No. WV0005339

dated April 25, 2024

LOCATION: HAYWOOD

(City)

Harrison

(County)

West Fork River

(Drainage Basin)

See the next page for a list of Outlets.

TO WHOM IT MAY CONCERN:

This is to certify that: MONONGAHELA POWER COMPANY
341 WHITE POND DRIVE
AKRON, OH 44320-0000

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

Construct, operate, and maintain industrial solid waste disposal areas, referenced as the Lower Area, Main Area, and Upper Area, and best management practices in the drainage basin of Pigott's Run, a tributary of Robinson Run, a tributary of the West Fork River, a tributary of the Monongahela River, for the disposal of fly ash, bottom ash, flue gas desulfurization (FGD) material, and miscellaneous wastes (construction/demolition debris, wastewater treatment sludge, and other solid wastes) all of which are generated at the Harrison Power Station. As well as for the disposal of the following wastes generated at the following First Energy Power Stations: 1) fly ash from the Fort Martin and Pleasants Power Stations, and 2) bottom ash from the Fort Martin and Pleasants Power Stations.

Operate and maintain collection and treatment systems (leachate collection system, Surface Impoundment No. 1, constructed wetland treatment system) and best management practices for the direct discharge of treated effluent (stormwater runoff and leachate) into the waters of the West Fork River, a tributary of the Monongahela River (Outlet 008) near river point 19.9.

Operate and maintain a collection and treatment system and best management practices for the disposal of treated effluent (stormwater) from the Main Area and the Upper Area to flow into the waters of Robinson Run, a tributary of the West Fork River, a tributary of the Monongahela River (Outlet 018).

Operate and maintain a collection system and best management practices for the disposal of untreated effluent (stormwater runoff) from the disposal area haul road to flow into the waters of Robinson Run, a tributary of the West Fork River, a tributary of the Monongahela River (Outlet 012), and into the waters of the West Fork River, a tributary of the Monongahela River (Outlets 013, 014, and 015) near river mile point 19.

Operate and maintain a collection and treatment system for the disposal of treated effluent (non-contact stormwater runoff) directly into an unnamed tributary of Robinson Run, a tributary of the West Fork River, a tributary of the Monongahela River (Outlets 022 and 023).

This permit is subject to the following terms and conditions :

The information submitted on and with Permit Application Numbers WV0075795 dated the 26th day of February 1998, the 4th day of March 1998, the 26th day of May 2004, the 28th day of January 2011, the 19th day of February 2016, and the 17th day of March 2021; and the additional information submitted on and with letters, reports, certified designs, and permit modification applications dated the 27th of November 2002, the 19th of February 2003, the 18th of November 2004, the 30th of January 2009, and March 2024 (Phase 7 expansion, revised May 2024) are all hereby made terms and conditions of this Permit with like effect as if all such permit application information were set forth herein and with other conditions set forth in Sections A, B, C and D, 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
008	39°23'20"	80°19'22"	WEST FORK RV	N/A	N/A
012	39°23'27"	80°19'21"	ROBINSON RN	N/A	N/A
013	39°23'21"	80°19'23"	WEST FORK RV	N/A	N/A
014	39°23'21"	80°19'35"	WEST FORK RV	N/A	N/A
015	39°23'21"	80°19'41"	WEST FORK RV	N/A	N/A
018	39°23'36"	80°19'29"	ROBINSON RN	N/A	N/A
022	39°23'39"	80°19'17"	Unnamed Tributary Of ROBINSON RN	N/A	N/A
023	39°23'52"	80°20'06"	Unnamed Tributary Of ROBINSON RN -- No Monitoring Required	N/A	N/A
LM01	39°23'55"	80°19'27"	N/A	N/A	N/A
LM02	39°23'55"	80°19'28"	N/A	N/A	N/A
LM03	39°23'55"	80°19'31"	N/A	N/A	N/A
LM04	39°23'55"	80°19'31"	N/A	N/A	N/A
LM05	39°23'00"	80°19'19"	N/A	N/A	N/A
LM06	39°24'00"	80°19'19"	N/A	N/A	N/A
LM07	39°23'54"	80°19'33"	N/A	N/A	N/A
LM08	39°23'54"	80°19'33"	N/A	N/A	N/A
LM09	39°23'54"	80°19'33"	N/A	N/A	N/A
LM10	39°23'54"	80°19'33"	N/A	N/A	N/A
LM11	39°23'35"	80°19'28"	N/A	N/A	N/A
LM12	39°23'35"	80°19'28"	N/A	N/A	N/A
LM13	39°23'47"	80°19'15"	N/A	N/A	N/A
LM14	39°23'47"	80°19'12"	N/A	N/A	N/A
LM15	39°23'45"	80°19'09"	N/A	N/A	N/A
LM16	39°23'45"	80°19'13"	N/A	N/A	N/A
LM17	39°23'44"	80°19'17"	N/A	N/A	N/A
LM18	39°23'42"	80°19'08"	N/A	N/A	N/A
LM19	39°23'42"	80°19'13"	N/A	N/A	N/A
LM20	39°23'42"	80°19'13"	N/A	N/A	N/A
LM21	39°23'41"	80°19'17"	N/A	N/A	N/A

Inspectable Unit	Latitude	Longitude	Receiving Stream	Dist. to Stream Mouth (in Mile)	Milepost
MW05	39°23'27"	80°19'23"	N/A	N/A	N/A
MW17	39°23'56"	80°19'21"	N/A	N/A	N/A
MW18	39°24'03"	80°19'15"	N/A	N/A	N/A
MW19	39°24'21"	80°19'11"	N/A	N/A	N/A
MW20	39°24'28"	80°19'26"	N/A	N/A	N/A
MW23	39°24'15"	80°18'54"	N/A	N/A	N/A

A.008 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) 008 (Storm Water Runoff, Process Water)

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	35 Avg. Monthly	70 Max. Daily	mg/l	1/month	Grab
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
00610 - (Ammonia Nitrogen) (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
00620 - (Nitrogen Nitrate) (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
00615 - (Nitrogen Nitrite) (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
01002 - (Arsenic, Total (as As)) (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
01032 - (Chromium, Hexavalent) (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):

Outlet 008, Manhole 1-A. Flow weighted composite sample obtained from the discharges from Cell C of Surface Impoundment No. 1, the constructed wetland treatment system, and the sediment trap located at the southeast side of the haul road bridge

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

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A.008 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) 008 (Storm Water Runoff, Process Water)

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>
71900 - (Mercury, Total (as Hg)) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	0.000071 Avg. Monthly	0.00021 Max. Daily	mg/l	1/month	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-A)	N/A	N/A	N/A	N/A	1.1 Avg. Monthly	2.8 Max. Daily	mg/l	1/month	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
00951 - (Fluoride, Total) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	16 Avg. Monthly	30 Max. Daily	mg/l	1/quarter	Grab
61425 - (Acute Tox - Ceriodaphnia Dub. (Year Round) (ML-1) (RF-D)	N/A	N/A	N/A	N/A	0.28 Avg. Monthly	0.57 Max. Daily	TUa	1/year	8 hr comp
See Section C.25									
61427 - (Acute Toxicity - Pimephales) (Year Round) (ML-1) (RF-D)	N/A	N/A	N/A	N/A	0.28 Avg. Monthly	0.57 Max. Daily	TUa	1/year	8 hr comp
61426 - (Chronic Tox-Ceriodaphnia Dub. (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	8 hr comp
See Section C.25									

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

Outlet 008, Manhole 1-A. Flow weighted composite sample obtained from the discharges from Cell C of Surface Impoundment No. 1, the constructed wetland treatment system, and the sediment trap located at the southeast side of the haul road bridge

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

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A.008 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) 008 (Storm Water Runoff, Process Water)

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

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>						<u>Units</u>	<u>Monitoring Requirements</u>	
	<u>Quantity</u>		<u>Units</u>					<u>Measurement Frequency</u>	<u>Sample Type</u>
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	8 hr comp
01147 - (Selenium, Total (as Se)) (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
70295 - (Solids, Total Dissolved (TDS)) (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
01022 - (Boron, Total (as B)) (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
01062 - (Molybdenum, Total (as Mo)) (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
11123 - (Total Recov. Manganese) (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
01087 - (Vanadium, Total (as V)) (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
81020 - (Sulfate) (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	Grab

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

Outlet 008, Manhole 1-A. Flow weighted composite sample obtained from the discharges from Cell C of Surface Impoundment No. 1, the constructed wetland treatment system, and the sediment trap located at the southeast side of the haul road bridge

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

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A.008 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) 008 (Storm Water Runoff, Process Water)

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

Such discharges shall be limited and monitored by the permittee as specified below:								<u>Monitoring Requirements</u>	
<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>								
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>		<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	
01152 - (Total Titanium (as TI)) (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):

Outlet 008, Manhole 1-A. Flow weighted composite sample obtained from the discharges from Cell C of Surface Impoundment No. 1, the constructed wetland treatment system, and the sediment trap located at the southeast side of the haul road bridge

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

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A.012 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) 012 (Storm Water Runoff, 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-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
01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B) Interim (Initial 24 months)	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 (Remaining duration)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	0.75 Max. Daily	mg/l	1/quarter	Grab
00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-B) Interim (Initial 24 months)	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) Final (Remaining duration)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	1.5 Max. Daily	mg/l	1/quarter	Grab
11123 - (Total Recov. Manganese) (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):

Outlet No. 012, a 30" reinforced concrete pipe which carries effluent from stormwater inlets SI-9, SI-10, and SI-24.

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

A.013 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) 013 (Storm Water Runoff, 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-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
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) Interim (Initial 24 months)	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) Final (Remaining duration)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	1.5 Max. Daily	mg/l	1/quarter	Grab
11123 - (Total Recov. Manganese) (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):

Outlet No. 013, a 24" reinforced concrete pipe which carries effluent from stormwater inlets SI-7 and SI-8.

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

A.014 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) 014 (Storm Water Runoff, 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-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
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) Interim (Initial 24 months)	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) Final (Remaining duration)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	1.5 Max. Daily	mg/l	1/quarter	Grab
11123 - (Total Recov. Manganese) (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):

Outlet No. 014, a 30" reinforced concrete pipe discharging effluent from stormwater inlets SI-4, SI-5, and SI-6.

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 {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) 015 (Storm Water Runoff, 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-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
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) Interim (Initial 24 months)	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) Final (Remaining duration)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	1.5 Max. Daily	mg/l	1/quarter	Grab
11123 - (Total Recov. Manganese) (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):

Outlet No. 015, a 30" reinforced concrete pipe carrying effluent from stormwater inlets SI-2 and SI-3.

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

A.018 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) 018 (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-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	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/month	Grab
00400 - (pH) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	S.U.	1/month	Grab
00620 - (Nitrogen Nitrate) (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	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	Grab
01002 - (Arsenic, Total (as As)) (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	Grab
01032 - (Chromium, Hexavalent) (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	Grab
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	Grab

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

Outlet No. 018, an 84" reinforced concrete pipe

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

A.018 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) 018 (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>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
00980 - (Iron, 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	Grab
00940 - (Chloride (as Cl)) (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	Grab
00951 - (Fluoride, Total) (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	Grab
01147 - (Selenium, Total (as Se)) (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	Grab
70295 - (Solids, Total Dissolved (TDS)) (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	Grab
01062 - (Molybdenum, Total (as Mo)) (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	Grab
82057 - (Boron, Total) (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	Grab
11123 - (Total Recov. Manganese) (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	Grab

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

Outlet No. 018, an 84" reinforced concrete pipe

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

A.018 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) 018 (Storm Water Runoff)

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

Such discharges shall be limited and monitored by the permittee as specified below:								Monitoring Requirements	
Effluent Characteristic	Discharge Limitations								
	Quantity		Units	Other Units		Units	Measurement Frequency	Sample Type	
81020 - (Sulfate)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/month	Grab
(Year Round) (ML-1) (RF-A)					Avg. Monthly	Max. Daily			

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

Outlet No. 018, an 84" reinforced concrete pipe

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 {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) 022 (Storm Water Runoff, 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-C)	N/A	N/A	N/A	N/A	N/A	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	N/A	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
01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
11123 - (Total Recov. Manganese) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	N/A	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):

Outlet No. 022, a 24" corrugated metal pipe which discharges from Sedimentation Basin C

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

A.LM01 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM01 (Leachate)

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>		
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
01002 - (Arsenic, Total (as As)) (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
01032 - (Chromium, Hexavalent) (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
71900 - (Mercury, Total (as Hg)) (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
01055 - (Manganese, Total (as Mn)) (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
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
01027 - (Cadmium, Total (as Cd)) (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):

LM01, a composite sample obtained from the termini of the 4" HPDE pipes which carry effluent from the leachate collection system of the Phase I liner system as depicted on Drawing No. 511-905

A.LM01 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM01 (Leachate)

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>		
01042 - (Copper, Total (as Cu)) (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
01105 - (Aluminum, Total (as Al)) (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
01051 - (Lead, Total (as Pb)) (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
01034 - (Chromium, Total (as Cr)) (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
01077 - (Silver, Total (as Ag)) (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
01012 - (Beryllium, Total (as Be)) (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
01147 - (Selenium, Total (as Se)) (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
01007 - (Barium, Total (as Ba)) (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):

LM01, a composite sample obtained from the termini of the 4" HPDE pipes which carry effluent from the leachate collection system of the Phase I liner system as depicted on Drawing No. 511-905

A.LM01 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM01 (Leachate)

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>			
70295 - (Solids, Total Dissolved (TDS)) (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
01097 - (Antimony, Total (as Sb)) (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
01022 - (Boron, Total (as B)) (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
01062 - (Molybdenum, Total (as Mo)) (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
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
01092 - (Zinc, Total (as Zn)) (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
00916 - (Calcium, Total (as Ca)) (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
00680 - (Total Organic Carbon) (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):

LM01, a composite sample obtained from the termini of the 4" HPDE pipes which carry effluent from the leachate collection system of the Phase I liner system as depicted on Drawing No. 511-905

A.LM01 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM01 (Leachate)

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>		
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
01067 - (Nickel, Total (as Ni)) (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
01087 - (Vanadium, Total (as V)) (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
81020 - (Sulfate) (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
00927 - (Magnesium, Tot (as Mg)) (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
01059 - (Thallium, Total (as Tl)) (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):

LM01, a composite sample obtained from the termini of the 4" HPDE pipes which carry effluent from the leachate collection system of the Phase I liner system as depicted on Drawing No. 511-905

A.LM02 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM02 (Leachate)

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>		
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
01002 - (Arsenic, Total (as As)) (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
01032 - (Chromium, Hexavalent) (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
71900 - (Mercury, Total (as Hg)) (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
01055 - (Manganese, Total (as Mn)) (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
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
01027 - (Cadmium, Total (as Cd)) (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):

LM02, a composite sample obtained from the termini of the 4" HPDE pipes which carry effluent from the leachate detection system of the Phase I liner system as depicted on Drawing No. 511-904

A.LM02 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM02 (Leachate)

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>			
01042 - (Copper, Total (as Cu)) (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
01105 - (Aluminum, Total (as Al)) (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
01051 - (Lead, Total (as Pb)) (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
01034 - (Chromium, Total (as Cr)) (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
01077 - (Silver, Total (as Ag)) (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
01012 - (Beryllium, Total (as Be)) (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
01147 - (Selenium, Total (as Se)) (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
01007 - (Barium, Total (as Ba)) (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):

LM02, a composite sample obtained from the termini of the 4" HPDE pipes which carry effluent from the leachate detection system of the Phase I liner system as depicted on Drawing No. 511-904

A.LM02 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM02 (Leachate)

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>			
70295 - (Solids, Total Dissolved (TDS)) (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
01097 - (Antimony, Total (as Sb)) (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
01022 - (Boron, Total (as B)) (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
01062 - (Molybdenum, Total (as Mo)) (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
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
01092 - (Zinc, Total (as Zn)) (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
00916 - (Calcium, Total (as Ca)) (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
00680 - (Total Organic Carbon) (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):

LM02, a composite sample obtained from the termini of the 4" HPDE pipes which carry effluent from the leachate detection system of the Phase I liner system as depicted on Drawing No. 511-904

A.LM02 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM02 (Leachate)

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>		
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
01067 - (Nickel, Total (as Ni)) (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
01087 - (Vanadium, Total (as V)) (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
81020 - (Sulfate) (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
00927 - (Magnesium, Tot (as Mg)) (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
01059 - (Thallium, Total (as Tl)) (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):

LM02, a composite sample obtained from the termini of the 4" HPDE pipes which carry effluent from the leachate detection system of the Phase I liner system as depicted on Drawing No. 511-904

A.LM03 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM03 (Leachate)

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>		
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
01002 - (Arsenic, Total (as As)) (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
01032 - (Chromium, Hexavalent) (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
71900 - (Mercury, Total (as Hg)) (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
01055 - (Manganese, Total (as Mn)) (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
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
01027 - (Cadmium, Total (as Cd)) (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):

LM03, discharge from the terminus of the 6" HPDE pipe which carries effluent from the leachate collection system of the Phase II and Stage I and II liner systems, as depicted on Drawing No. C89502714

A.LM03 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM03 (Leachate)

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>		
01042 - (Copper, Total (as Cu)) (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
01105 - (Aluminum, Total (as Al)) (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
01051 - (Lead, Total (as Pb)) (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
01034 - (Chromium, Total (as Cr)) (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
01077 - (Silver, Total (as Ag)) (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
01012 - (Beryllium, Total (as Be)) (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
01147 - (Selenium, Total (as Se)) (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
01007 - (Barium, Total (as Ba)) (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):

LM03, discharge from the terminus of the 6" HPDE pipe which carries effluent from the leachate collection system of the Phase II and Stage I and II liner systems, as depicted on Drawing No. C89502714

A.LM03 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM03 (Leachate)

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>		
70295 - (Solids, Total Dissolved (TDS)) (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
01097 - (Antimony, Total (as Sb)) (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
01022 - (Boron, Total (as B)) (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
01062 - (Molybdenum, Total (as Mo)) (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
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
01092 - (Zinc, Total (as Zn)) (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
00916 - (Calcium, Total (as Ca)) (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
00680 - (Total Organic Carbon) (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):

LM03, discharge from the terminus of the 6" HPDE pipe which carries effluent from the leachate collection system of the Phase II and Stage I and II liner systems, as depicted on Drawing No. C89502714

A.LM03 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM03 (Leachate)

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>		
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
01067 - (Nickel, Total (as Ni)) (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
01087 - (Vanadium, Total (as V)) (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
81020 - (Sulfate) (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
00927 - (Magnesium, Tot (as Mg)) (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
01059 - (Thallium, Total (as Tl)) (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):

LM03, discharge from the terminus of the 6" HPDE pipe which carries effluent from the leachate collection system of the Phase II and Stage I and II liner systems, as depicted on Drawing No. C89502714

A.LM04 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM04 (Leachate)

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>		
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
01002 - (Arsenic, Total (as As)) (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
01032 - (Chromium, Hexavalent) (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
71900 - (Mercury, Total (as Hg)) (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
01055 - (Manganese, Total (as Mn)) (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
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
01027 - (Cadmium, Total (as Cd)) (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):

LM04, discharge from the terminus of the 6" HPDE pipe which carries effluent from the leachate detection system of the Phase II and Stage I and II liner systems, as depicted on Drawing No. C89502714

A.LM04 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM04 (Leachate)

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>		
01042 - (Copper, Total (as Cu)) (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
01105 - (Aluminum, Total (as Al)) (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
01051 - (Lead, Total (as Pb)) (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
01034 - (Chromium, Total (as Cr)) (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
01077 - (Silver, Total (as Ag)) (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
01012 - (Beryllium, Total (as Be)) (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
01147 - (Selenium, Total (as Se)) (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
01007 - (Barium, Total (as Ba)) (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):

LM04, discharge from the terminus of the 6" HPDE pipe which carries effluent from the leachate detection system of the Phase II and Stage I and II liner systems, as depicted on Drawing No. C89502714

A.LM04 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM04 (Leachate)

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>		
70295 - (Solids, Total Dissolved (TDS)) (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
01097 - (Antimony, Total (as Sb)) (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
01022 - (Boron, Total (as B)) (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
01062 - (Molybdenum, Total (as Mo)) (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
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
01092 - (Zinc, Total (as Zn)) (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
00916 - (Calcium, Total (as Ca)) (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
00680 - (Total Organic Carbon) (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):

LM04, discharge from the terminus of the 6" HPDE pipe which carries effluent from the leachate detection system of the Phase II and Stage I and II liner systems, as depicted on Drawing No. C89502714

A.LM04 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM04 (Leachate)

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>		
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
01067 - (Nickel, Total (as Ni)) (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
01087 - (Vanadium, Total (as V)) (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
81020 - (Sulfate) (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
00927 - (Magnesium, Tot (as Mg)) (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
01059 - (Thallium, Total (as Tl)) (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):

LM04, discharge from the terminus of the 6" HPDE pipe which carries effluent from the leachate detection system of the Phase II and Stage I and II liner systems, as depicted on Drawing No. C89502714

A.LM05 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM05 (Leachate)

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>
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
01002 - (Arsenic, Total (as As)) (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
01032 - (Chromium, Hexavalent) (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
71900 - (Mercury, Total (as Hg)) (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
01055 - (Manganese, Total (as Mn)) (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
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
01027 - (Cadmium, Total (as Cd)) (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):

LM05, a composite sample obtained from the termini of the 4" diameter HDPE pipes which carry effluent from the leachate collection system of the Phase III liner system as depicted on Drawing No. C8950088

A.LM05 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM05 (Leachate)

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>			
01042 - (Copper, Total (as Cu)) (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
01105 - (Aluminum, Total (as Al)) (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
01051 - (Lead, Total (as Pb)) (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
01034 - (Chromium, Total (as Cr)) (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
01077 - (Silver, Total (as Ag)) (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
01012 - (Beryllium, Total (as Be)) (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
01147 - (Selenium, Total (as Se)) (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
01007 - (Barium, Total (as Ba)) (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):

LM05, a composite sample obtained from the termini of the 4" diameter HDPE pipes which carry effluent from the leachate collection system of the Phase III liner system as depicted on Drawing No. C8950088

A.LM05 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM05 (Leachate)

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>			
70295 - (Solids, Total Dissolved (TDS)) (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
01097 - (Antimony, Total (as Sb)) (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
01022 - (Boron, Total (as B)) (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
01062 - (Molybdenum, Total (as Mo)) (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
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
01092 - (Zinc, Total (as Zn)) (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
00916 - (Calcium, Total (as Ca)) (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
00680 - (Total Organic Carbon) (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):

LM05, a composite sample obtained from the termini of the 4" diameter HDPE pipes which carry effluent from the leachate collection system of the Phase III liner system as depicted on Drawing No. C8950088

A.LM05 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM05 (Leachate)

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>		
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
01067 - (Nickel, Total (as Ni)) (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
01087 - (Vanadium, Total (as V)) (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
81020 - (Sulfate) (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
00927 - (Magnesium, Tot (as Mg)) (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
01059 - (Thallium, Total (as Tl)) (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):

LM05, a composite sample obtained from the termini of the 4" diameter HDPE pipes which carry effluent from the leachate collection system of the Phase III liner system as depicted on Drawing No. C8950088

A.LM06 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM06 (Leachate)

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>		
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
01002 - (Arsenic, Total (as As)) (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
01032 - (Chromium, Hexavalent) (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
71900 - (Mercury, Total (as Hg)) (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
01055 - (Manganese, Total (as Mn)) (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
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
01027 - (Cadmium, Total (as Cd)) (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):

LM06, a composite sample obtained from terminus of the 4" diameter HDPE pipe which carries effluent from the leachate detection system of the Phase III liner system as depicted on Drawing No. C8950087

A.LM06 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM06 (Leachate)

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>		
01042 - (Copper, Total (as Cu)) (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
01105 - (Aluminum, Total (as Al)) (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
01051 - (Lead, Total (as Pb)) (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
01034 - (Chromium, Total (as Cr)) (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
01077 - (Silver, Total (as Ag)) (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
01012 - (Beryllium, Total (as Be)) (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
01147 - (Selenium, Total (as Se)) (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
01007 - (Barium, Total (as Ba)) (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):

LM06, a composite sample obtained from terminus of the 4" diameter HDPE pipe which carries effluent from the leachate detection system of the Phase III liner system as depicted on Drawing No. C8950087

A.LM06 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM06 (Leachate)

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

Such discharges shall be limited and monitored by the permittee as specified below:								Monitoring Requirements	
Effluent Characteristic	Discharge Limitations							Measurement	Sample
	Quantity		Units	Other Units	Units	Frequency	Type		
70295 - (Solids, Total Dissolved (TDS)) (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
01097 - (Antimony, Total (as Sb)) (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
01022 - (Boron, Total (as B)) (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
01062 - (Molybdenum, Total (as Mo)) (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
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
01092 - (Zinc, Total (as Zn)) (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
00916 - (Calcium, Total (as Ca)) (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
00680 - (Total Organic Carbon) (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):

LM06, a composite sample obtained from terminus of the 4" diameter HDPE pipe which carries effluent from the leachate detection system of the Phase III liner system as depicted on Drawing No. C8950087

A.LM06 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM06 (Leachate)

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>		
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
01067 - (Nickel, Total (as Ni)) (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
01087 - (Vanadium, Total (as V)) (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
81020 - (Sulfate) (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
00927 - (Magnesium, Tot (as Mg)) (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
01059 - (Thallium, Total (as Tl)) (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):

LM06, a composite sample obtained from terminus of the 4" diameter HDPE pipe which carries effluent from the leachate detection system of the Phase III liner system as depicted on Drawing No. C8950087

A.LM07 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM07 (Leachate)

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>
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
01002 - (Arsenic, Total (as As)) (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
01032 - (Chromium, Hexavalent) (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
71900 - (Mercury, Total (as Hg)) (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
01055 - (Manganese, Total (as Mn)) (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
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
01027 - (Cadmium, Total (as Cd)) (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):

LM07, terminus of the 12" diameter solid wall HDPE pipe which carries effluent from the leachate collection system of the lined Phase IV Area as depicted on Drawing No. C89502716

A.LM07 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM07 (Leachate)

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>		
01042 - (Copper, Total (as Cu)) (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
01105 - (Aluminum, Total (as Al)) (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
01051 - (Lead, Total (as Pb)) (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
01034 - (Chromium, Total (as Cr)) (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
01077 - (Silver, Total (as Ag)) (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
01012 - (Beryllium, Total (as Be)) (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
01147 - (Selenium, Total (as Se)) (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
01007 - (Barium, Total (as Ba)) (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):

LM07, terminus of the 12" diameter solid wall HDPE pipe which carries effluent from the leachate collection system of the lined Phase IV Area as depicted on Drawing No. C89502716

A.LM07 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM07 (Leachate)

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>		
70295 - (Solids, Total Dissolved (TDS)) (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
01097 - (Antimony, Total (as Sb)) (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
01022 - (Boron, Total (as B)) (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
01062 - (Molybdenum, Total (as Mo)) (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
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
01092 - (Zinc, Total (as Zn)) (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
00916 - (Calcium, Total (as Ca)) (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
00680 - (Total Organic Carbon) (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):

LM07, terminus of the 12" diameter solid wall HDPE pipe which carries effluent from the leachate collection system of the lined Phase IV Area as depicted on Drawing No. C89502716

A.LM07 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM07 (Leachate)

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>		
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
01067 - (Nickel, Total (as Ni)) (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
01087 - (Vanadium, Total (as V)) (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
81020 - (Sulfate) (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
00927 - (Magnesium, Tot (as Mg)) (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
01059 - (Thallium, Total (as Tl)) (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):

LM07, terminus of the 12" diameter solid wall HDPE pipe which carries effluent from the leachate collection system of the lined Phase IV Area as depicted on Drawing No. C89502716

A.LM08 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM08 (Leachate)

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>		
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
01002 - (Arsenic, Total (as As)) (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
01032 - (Chromium, Hexavalent) (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
71900 - (Mercury, Total (as Hg)) (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
01055 - (Manganese, Total (as Mn)) (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
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
01027 - (Cadmium, Total (as Cd)) (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):

LM08, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the leachate detection system of the lined Phase IV area as depicted on Drawing No. C89502716

A.LM08 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM08 (Leachate)

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>		
01042 - (Copper, Total (as Cu)) (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
01105 - (Aluminum, Total (as Al)) (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
01051 - (Lead, Total (as Pb)) (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
01034 - (Chromium, Total (as Cr)) (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
01077 - (Silver, Total (as Ag)) (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
01012 - (Beryllium, Total (as Be)) (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
01147 - (Selenium, Total (as Se)) (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
01007 - (Barium, Total (as Ba)) (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):

LM08, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the leachate detection system of the lined Phase IV area as depicted on Drawing No. C89502716

A.LM08 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM08 (Leachate)

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

Such discharges shall be limited and monitored by the permittee as specified below:								Monitoring Requirements	
Effluent Characteristic	Discharge Limitations							Measurement	Sample
	Quantity		Units	Other Units	Units	Frequency	Type		
70295 - (Solids, Total Dissolved (TDS)) (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
01097 - (Antimony, Total (as Sb)) (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
01022 - (Boron, Total (as B)) (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
01062 - (Molybdenum, Total (as Mo)) (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
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
01092 - (Zinc, Total (as Zn)) (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
00916 - (Calcium, Total (as Ca)) (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
00680 - (Total Organic Carbon) (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):

LM08, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the leachate detection system of the lined Phase IV area as depicted on Drawing No. C89502716

A.LM08 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM08 (Leachate)

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>		
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
01067 - (Nickel, Total (as Ni)) (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
01087 - (Vanadium, Total (as V)) (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
81020 - (Sulfate) (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
00927 - (Magnesium, Tot (as Mg)) (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
01059 - (Thallium, Total (as Tl)) (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):

LM08, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the leachate detection system of the lined Phase IV area as depicted on Drawing No. C89502716

A.LM09 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM09 (Leachate)

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>
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
01002 - (Arsenic, Total (as As)) (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
01032 - (Chromium, Hexavalent) (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
71900 - (Mercury, Total (as Hg)) (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
01055 - (Manganese, Total (as Mn)) (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
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
01027 - (Cadmium, Total (as Cd)) (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):

LM09, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the underdrain of the lined Phase IV area as depicted on Drawing No. C89502716

A.LM09 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM09 (Leachate)

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>		
01042 - (Copper, Total (as Cu)) (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
01105 - (Aluminum, Total (as Al)) (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
01051 - (Lead, Total (as Pb)) (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
01034 - (Chromium, Total (as Cr)) (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
01077 - (Silver, Total (as Ag)) (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
01012 - (Beryllium, Total (as Be)) (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
01147 - (Selenium, Total (as Se)) (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
01007 - (Barium, Total (as Ba)) (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):

LM09, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the underdrain of the lined Phase IV area as depicted on Drawing No. C89502716

A.LM09 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM09 (Leachate)

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>		
70295 - (Solids, Total Dissolved (TDS)) (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
01097 - (Antimony, Total (as Sb)) (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
01022 - (Boron, Total (as B)) (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
01062 - (Molybdenum, Total (as Mo)) (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
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
01092 - (Zinc, Total (as Zn)) (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
00916 - (Calcium, Total (as Ca)) (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
00680 - (Total Organic Carbon) (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):

LM09, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the underdrain of the lined Phase IV area as depicted on Drawing No. C89502716

A.LM09 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM09 (Leachate)

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>		
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
01067 - (Nickel, Total (as Ni)) (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
01087 - (Vanadium, Total (as V)) (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
81020 - (Sulfate) (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
00927 - (Magnesium, Tot (as Mg)) (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
01059 - (Thallium, Total (as Tl)) (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):

LM09, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the underdrain of the lined Phase IV area as depicted on Drawing No. C89502716

A.LM10 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM10 (Leachate)

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

Such discharges shall be limited and monitored by the permittee as specified below:								Monitoring Requirements	
Effluent Characteristic	Discharge Limitations							Measurement	Sample
	Quantity		Units	Other Units		Units	Frequency	Type	
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
01002 - (Arsenic, Total (as As)) (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
01032 - (Chromium, Hexavalent) (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
71900 - (Mercury, Total (as Hg)) (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
01055 - (Manganese, Total (as Mn)) (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
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
01027 - (Cadmium, Total (as Cd)) (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):

LM10, terminus of the 12" diameter solid wall HDPE pipe which carries effluent from the leachate collection system of the unlined Phase IV area as depicted on Drawing No. C89502716

A.LM10 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM10 (Leachate)

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>		
01042 - (Copper, Total (as Cu)) (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
01105 - (Aluminum, Total (as Al)) (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
01051 - (Lead, Total (as Pb)) (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
01034 - (Chromium, Total (as Cr)) (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
01077 - (Silver, Total (as Ag)) (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
01012 - (Beryllium, Total (as Be)) (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
01147 - (Selenium, Total (as Se)) (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
01007 - (Barium, Total (as Ba)) (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):

LM10, terminus of the 12" diameter solid wall HDPE pipe which carries effluent from the leachate collection system of the unlined Phase IV area as depicted on Drawing No. C89502716

A.LM10 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM10 (Leachate)

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

Such discharges shall be limited and monitored by the permittee as specified below:								Monitoring Requirements	
Effluent Characteristic	Discharge Limitations							Measurement	Sample
	Quantity		Units	Other Units	Units	Frequency	Type		
70295 - (Solids, Total Dissolved (TDS)) (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
01097 - (Antimony, Total (as Sb)) (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
01022 - (Boron, Total (as B)) (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
01062 - (Molybdenum, Total (as Mo)) (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
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
01092 - (Zinc, Total (as Zn)) (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
00916 - (Calcium, Total (as Ca)) (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
00680 - (Total Organic Carbon) (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):

LM10, terminus of the 12" diameter solid wall HDPE pipe which carries effluent from the leachate collection system of the unlined Phase IV area as depicted on Drawing No. C89502716

A.LM10 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM10 (Leachate)

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>		
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
01067 - (Nickel, Total (as Ni)) (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
01087 - (Vanadium, Total (as V)) (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
81020 - (Sulfate) (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
00927 - (Magnesium, Tot (as Mg)) (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
01059 - (Thallium, Total (as Tl)) (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):

LM10, terminus of the 12" diameter solid wall HDPE pipe which carries effluent from the leachate collection system of the unlined Phase IV area as depicted on Drawing No. C89502716

A.LM11 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM11 (Leachate)

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>			
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
01002 - (Arsenic, Total (as As)) (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
01032 - (Chromium, Hexavalent) (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
71900 - (Mercury, Total (as Hg)) (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
01055 - (Manganese, Total (as Mn)) (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
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
01027 - (Cadmium, Total (as Cd)) (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):

LM11, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the leachate detection/underdrain system of Cells A and B of Surface Impoundment No. 1 as depicted on Drawing No. C8950156

A.LM11 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM11 (Leachate)

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>		
01042 - (Copper, Total (as Cu)) (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
01105 - (Aluminum, Total (as Al)) (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
01051 - (Lead, Total (as Pb)) (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
01034 - (Chromium, Total (as Cr)) (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
01077 - (Silver, Total (as Ag)) (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
01012 - (Beryllium, Total (as Be)) (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
01147 - (Selenium, Total (as Se)) (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
01007 - (Barium, Total (as Ba)) (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):

LM11, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the leachate detection/underdrain system of Cells A and B of Surface Impoundment No. 1 as depicted on Drawing No. C8950156

A.LM11 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM11 (Leachate)

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

Such discharges shall be limited and monitored by the permittee as specified below:								Monitoring Requirements	
Effluent Characteristic	Discharge Limitations							Measurement Frequency	Sample Type
	Quantity		Units	Other Units		Units			
70295 - (Solids, Total Dissolved (TDS)) (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
01097 - (Antimony, Total (as Sb)) (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
01022 - (Boron, Total (as B)) (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
01062 - (Molybdenum, Total (as Mo)) (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
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
01092 - (Zinc, Total (as Zn)) (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
00916 - (Calcium, Total (as Ca)) (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
00680 - (Total Organic Carbon) (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):

LM11, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the leachate detection/underdrain system of Cells A and B of Surface Impoundment No. 1 as depicted on Drawing No. C8950156

A.LM11 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM11 (Leachate)

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>		
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
01067 - (Nickel, Total (as Ni)) (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
01087 - (Vanadium, Total (as V)) (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
81020 - (Sulfate) (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
00927 - (Magnesium, Tot (as Mg)) (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
01059 - (Thallium, Total (as Tl)) (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):

LM11, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the leachate detection/underdrain system of Cells A and B of Surface Impoundment No. 1 as depicted on Drawing No. C8950156

A.LM12 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM12 (Leachate)

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>		
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
01002 - (Arsenic, Total (as As)) (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
01032 - (Chromium, Hexavalent) (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
71900 - (Mercury, Total (as Hg)) (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
01055 - (Manganese, Total (as Mn)) (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
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
01027 - (Cadmium, Total (as Cd)) (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):

LM12, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the leachate detection/underdrain system of Cell C of Surface Impoundment No. 1 as depicted on Drawing No. C8950156

A.LM12 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM12 (Leachate)

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>		
01042 - (Copper, Total (as Cu)) (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
01105 - (Aluminum, Total (as Al)) (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
01051 - (Lead, Total (as Pb)) (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
01034 - (Chromium, Total (as Cr)) (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
01077 - (Silver, Total (as Ag)) (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
01012 - (Beryllium, Total (as Be)) (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
01147 - (Selenium, Total (as Se)) (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
01007 - (Barium, Total (as Ba)) (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):

LM12, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the leachate detection/underdrain system of Cell C of Surface Impoundment No. 1 as depicted on Drawing No. C8950156

A.LM12 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM12 (Leachate)

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>		
70295 - (Solids, Total Dissolved (TDS)) (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
01097 - (Antimony, Total (as Sb)) (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
01022 - (Boron, Total (as B)) (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
01062 - (Molybdenum, Total (as Mo)) (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
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
01092 - (Zinc, Total (as Zn)) (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
00916 - (Calcium, Total (as Ca)) (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
00680 - (Total Organic Carbon) (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):

LM12, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the leachate detection/underdrain system of Cell C of Surface Impoundment No. 1 as depicted on Drawing No. C8950156

A.LM12 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM12 (Leachate)

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>		
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
01067 - (Nickel, Total (as Ni)) (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
01087 - (Vanadium, Total (as V)) (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
81020 - (Sulfate) (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
00927 - (Magnesium, Tot (as Mg)) (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
01059 - (Thallium, Total (as Tl)) (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):

LM12, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the leachate detection/underdrain system of Cell C of Surface Impoundment No. 1 as depicted on Drawing No. C8950156

A.LM13 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM13 (Leachate)

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-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
01032 - (Chromium, Hexavalent) (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
01055 - (Manganese, Total (as Mn)) (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
01105 - (Aluminum, Total (as Al)) (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
01147 - (Selenium, Total (as Se)) (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
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

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

LM13, influent to Equalization Basin No. 1

A.LM14 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM14 (Leachate)

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-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
01032 - (Chromium, Hexavalent) (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
01055 - (Manganese, Total (as Mn)) (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
01105 - (Aluminum, Total (as Al)) (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
01147 - (Selenium, Total (as Se)) (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
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

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

LM14, influent to Equalization Basin No. 2

A.LM15 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM15 (Leachate)

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-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
01032 - (Chromium, Hexavalent) (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
01055 - (Manganese, Total (as Mn)) (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
01105 - (Aluminum, Total (as Al)) (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
01147 - (Selenium, Total (as Se)) (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
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

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

LM15, influent to Vegetated Wetland Cell No. 1

A.LM16 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM16 (Leachate)

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-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
01032 - (Chromium, Hexavalent) (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
01055 - (Manganese, Total (as Mn)) (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
01105 - (Aluminum, Total (as Al)) (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
01147 - (Selenium, Total (as Se)) (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
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

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

LM16, influent to Vegetated Wetland Cell No. 2

A.LM17 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM17 (Leachate)

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-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
01032 - (Chromium, Hexavalent) (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
01055 - (Manganese, Total (as Mn)) (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
01105 - (Aluminum, Total (as Al)) (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
01147 - (Selenium, Total (as Se)) (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
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

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

LM17, influent to Vegetated Wetland Cell No. 3

A.LM18 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM18 (Leachate)

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-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
01032 - (Chromium, Hexavalent) (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
01055 - (Manganese, Total (as Mn)) (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
01105 - (Aluminum, Total (as Al)) (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
01147 - (Selenium, Total (as Se)) (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
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

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

LM18, discharge from Vegetated Wetland Cell No. 3

A.LM19 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM19 (Leachate)

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-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
01032 - (Chromium, Hexavalent) (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
01055 - (Manganese, Total (as Mn)) (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
01105 - (Aluminum, Total (as Al)) (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
01147 - (Selenium, Total (as Se)) (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
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

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

LM19, influent to Vegetated Wetland Cell No. 4

A.LM20 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM20 (Leachate)

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-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
01032 - (Chromium, Hexavalent) (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
01055 - (Manganese, Total (as Mn)) (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
01105 - (Aluminum, Total (as Al)) (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
01147 - (Selenium, Total (as Se)) (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
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

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

LM20, influent to Vegetated Wetland Cell No. 5

A.LM21 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee is authorized to discharge from Outlet Number(s) LM21 (Leachate)

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-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
01032 - (Chromium, Hexavalent) (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
01055 - (Manganese, Total (as Mn)) (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
01105 - (Aluminum, Total (as Al)) (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
01147 - (Selenium, Total (as Se)) (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
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

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

LM21, discharge from wetland treatment system at weir box

A.MW05 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee will monitor Well Number(s) MW05 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Quantity</u>		<u>Monitoring Requirements</u>		<u>Units</u>	<u>Other Units</u>	<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
00530 - (Total Suspended Solids) (Year Round) (ML-O) (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-O) (RF-C)	N/A	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	S.U.	1/6 months	Grab
01002 - (Arsenic, Total (as As)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
71900 - (Mercury, Total (as Hg)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/6 months	Grab
00951 - (Fluoride, Total) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01027 - (Cadmium, Total (as Cd)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01051 - (Lead, Total (as Pb)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01034 - (Chromium, Total (as Cr)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	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):

MW05

A.MW05 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee will monitor Well Number(s) MW05 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>					<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>					
01012 - (Beryllium, Total (as Be)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01147 - (Selenium, Total (as Se)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01007 - (Barium, Total (as Ba)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01097 - (Antimony, Total (as Sb)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01062 - (Molybdenum, Total (as Mo)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
00095 - (Specific Conductance) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
00011 - (Temperature, F) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	DEG.F	1/6 months	Grab
01059 - (Thallium, Total (as Tl)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	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):

MW05

A.MW05 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee will monitor Well Number(s) MW05 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Quantity</u>		<u>Monitoring Requirements</u>		<u>Other Units</u>		<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
11503 - (Radium 226 and 228, Total) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	pCi/L	1/6 months	Grab
01037 - (Cobalt, Total (as Co)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01132 - (Lithium, Total (as Li)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	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):

MW05

A.MW17 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee will monitor Well Number(s) MW17 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>					<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>					
00530 - (Total Suspended Solids) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
00400 - (pH) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	S.U.	1/6 months	Grab
01002 - (Arsenic, Total (as As)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.01 Max. Daily	mg/l	1/6 months	Grab
71900 - (Mercury, Total (as Hg)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.002 Max. Daily	mg/l	1/6 months	Grab
00951 - (Fluoride, Total) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	4 Max. Daily	mg/l	1/6 months	Grab
01027 - (Cadmium, Total (as Cd)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.005 Max. Daily	mg/l	1/6 months	Grab
01051 - (Lead, Total (as Pb)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.015 Max. Daily	mg/l	1/6 months	Grab
01034 - (Chromium, Total (as Cr)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.1 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):

MW-17

A.MW17 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee will monitor Well Number(s) MW17 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>					<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>				
01012 - (Beryllium, Total (as Be)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.004 Max. Daily	mg/l 1/6 months	Grab
01147 - (Selenium, Total (as Se)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.05 Max. Daily	mg/l 1/6 months	Grab
01007 - (Barium, Total (as Ba)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	2 Max. Daily	mg/l 1/6 months	Grab
01097 - (Antimony, Total (as Sb)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.006 Max. Daily	mg/l 1/6 months	Grab
01062 - (Molybdenum, Total (as Mo)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.1 Max. Daily	mg/l 1/6 months	Grab
00095 - (Specific Conductance) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	UMHO/CM 1/6 months	Grab
00011 - (Temperature, F) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	DEG.F 1/6 months	Grab
01059 - (Thallium, Total (as Tl)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.002 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):

MW-17

A.MW17 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee will monitor Well Number(s) MW17 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>				<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>			
11503 - (Radium 226 and 228, Total) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	5 Max. Daily	1/6 months Grab
01037 - (Cobalt, Total (as Co)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.006 Max. Daily	1/6 months Grab
01132 - (Lithium, Total (as Li)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.04 Max. Daily	1/6 months Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
MW-17

A.MW18 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee will monitor Well Number(s) MW18 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>					<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>					
00530 - (Total Suspended Solids) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
00400 - (pH) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	S.U.	1/6 months	Grab
01002 - (Arsenic, Total (as As)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.01 Max. Daily	mg/l	1/6 months	Grab
71900 - (Mercury, Total (as Hg)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.002 Max. Daily	mg/l	1/6 months	Grab
00951 - (Fluoride, Total) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	4 Max. Daily	mg/l	1/6 months	Grab
01027 - (Cadmium, Total (as Cd)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.005 Max. Daily	mg/l	1/6 months	Grab
01051 - (Lead, Total (as Pb)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.015 Max. Daily	mg/l	1/6 months	Grab
01034 - (Chromium, Total (as Cr)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.1 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):

MW-18

A.MW18 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee will monitor Well Number(s) MW18 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>					<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>					
01012 - (Beryllium, Total (as Be)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.004 Max. Daily	mg/l	1/6 months	Grab
01147 - (Selenium, Total (as Se)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.05 Max. Daily	mg/l	1/6 months	Grab
01007 - (Barium, Total (as Ba)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	2 Max. Daily	mg/l	1/6 months	Grab
01097 - (Antimony, Total (as Sb)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.006 Max. Daily	mg/l	1/6 months	Grab
01062 - (Molybdenum, Total (as Mo)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.1 Max. Daily	mg/l	1/6 months	Grab
00095 - (Specific Conductance) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
00011 - (Temperature, F) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	DEG.F	1/6 months	Grab
01059 - (Thallium, Total (as Tl)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.002 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):

MW-18

A.MW18 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee will monitor Well Number(s) MW18 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Quantity</u>		<u>Monitoring Requirements</u>			<u>Units</u>		<u>Measurement Frequency</u>	<u>Sample Type</u>
			<u>Units</u>		<u>Other Units</u>				
11503 - (Radium 226 and 228, Total) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	5	pCi/L	1/6 months	Grab
						Max. Daily			
01037 - (Cobalt, Total (as Co)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.006	mg/l	1/6 months	Grab
						Max. Daily			
01132 - (Lithium, Total (as Li)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.04	mg/l	1/6 months	Grab
						Max. Daily			

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

MW-18

A.MW19 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee will monitor Well Number(s) MW19 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>					<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>					
00530 - (Total Suspended Solids) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
00400 - (pH) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	S.U.	1/6 months	Grab
01002 - (Arsenic, Total (as As)) (Year Round) (ML-O) (RF-C) Interim (Initial 36 months)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01002 - (Arsenic, Total (as As)) (Year Round) (ML-O) (RF-C) Final (Remaining duration)	N/A	N/A	N/A	N/A	N/A	0.01 Max. Daily	mg/l	1/6 months	Grab
71900 - (Mercury, Total (as Hg)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.002 Max. Daily	mg/l	1/6 months	Grab
00951 - (Fluoride, Total) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	4 Max. Daily	mg/l	1/6 months	Grab
01027 - (Cadmium, Total (as Cd)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.005 Max. Daily	mg/l	1/6 months	Grab
01051 - (Lead, Total (as Pb)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.015 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):

MW19

A.MW19 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee will monitor Well Number(s) MW19 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>					<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>				
01034 - (Chromium, Total (as Cr)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.1 Max. Daily	mg/l 1/6 months	Grab
01012 - (Beryllium, Total (as Be)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.004 Max. Daily	mg/l 1/6 months	Grab
01147 - (Selenium, Total (as Se)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.05 Max. Daily	mg/l 1/year	Grab
01007 - (Barium, Total (as Ba)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	2 Max. Daily	mg/l 1/6 months	Grab
01097 - (Antimony, Total (as Sb)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.006 Max. Daily	mg/l 1/6 months	Grab
01062 - (Molybdenum, Total (as Mo)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.1 Max. Daily	mg/l 1/6 months	Grab
00095 - (Specific Conductance) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	UMHO/CM 1/6 months	Grab
00011 - (Temperature, F) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	DEG.F 1/6 months	Grab

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

MW19

A.MW19 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee will monitor Well Number(s) MW19 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>					<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>					
01059 - (Thallium, Total (as Tl)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.002 Max. Daily	mg/l	1/6 months	Grab
11503 - (Radium 226 and 228, Total) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	5 Max. Daily	pCi/L	1/6 months	Grab
01037 - (Cobalt, Total (as Co)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.006 Max. Daily	mg/l	1/6 months	Grab
01132 - (Lithium, Total (as Li)) (Year Round) (ML-O) (RF-C) Interim (Initial 36 months)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01132 - (Lithium, Total (as Li)) (Year Round) (ML-O) (RF-C) Final (Remaining duration)	N/A	N/A	N/A	N/A	N/A	0.04 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):

MW19

A.MW20 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee will monitor Well Number(s) MW20 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>					<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>					
00530 - (Total Suspended Solids) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
00400 - (pH) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	S.U.	1/6 months	Grab
01002 - (Arsenic, Total (as As)) (Year Round) (ML-O) (RF-C) Interim (Initial 36 months)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01002 - (Arsenic, Total (as As)) (Year Round) (ML-O) (RF-C) Final (Remaining duration)	N/A	N/A	N/A	N/A	N/A	0.01 Max. Daily	mg/l	1/6 months	Grab
71900 - (Mercury, Total (as Hg)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.002 Max. Daily	mg/l	1/6 months	Grab
00951 - (Fluoride, Total) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	4 Max. Daily	mg/l	1/6 months	Grab
01027 - (Cadmium, Total (as Cd)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.005 Max. Daily	mg/l	1/6 months	Grab
01051 - (Lead, Total (as Pb)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.015 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):

MW20

A.MW20 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee will monitor Well Number(s) MW20 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>					<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	
	<u>Quantity</u>	<u>Units</u>	<u>Other Units</u>						
01034 - (Chromium, Total (as Cr)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.1 Max. Daily	mg/l	1/6 months	Grab
01012 - (Beryllium, Total (as Be)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.004 Max. Daily	mg/l	1/6 months	Grab
01147 - (Selenium, Total (as Se)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.05 Max. Daily	mg/l	1/6 months	Grab
01007 - (Barium, Total (as Ba)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	2 Max. Daily	mg/l	1/6 months	Grab
01097 - (Antimony, Total (as Sb)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.006 Max. Daily	mg/l	1/6 months	Grab
01062 - (Molybdenum, Total (as Mo)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.1 Max. Daily	mg/l	1/6 months	Grab
00095 - (Specific Conductance) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
00011 - (Temperature, F) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	DEG.F	1/6 months	Grab

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

MW20

A.MW20 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee will monitor Well Number(s) MW20 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>					<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>					
01059 - (Thallium, Total (as Tl)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.002 Max. Daily	mg/l	1/6 months	Grab
11503 - (Radium 226 and 228, Total) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	5 Max. Daily	pCi/L	1/6 months	Grab
01037 - (Cobalt, Total (as Co)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.006 Max. Daily	mg/l	1/6 months	Grab
01132 - (Lithium, Total (as Li)) (Year Round) (ML-O) (RF-C) Interim (Initial 36 months)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01132 - (Lithium, Total (as Li)) (Year Round) (ML-O) (RF-C) Final (Remaining duration)	N/A	N/A	N/A	N/A	N/A	0.04 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):

MW20

A.MW23 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee will monitor Well Number(s) MW23 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>					<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>					
00530 - (Total Suspended Solids) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
00400 - (pH) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	S.U.	1/6 months	Grab
01002 - (Arsenic, Total (as As)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.01 Max. Daily	mg/l	1/6 months	Grab
71900 - (Mercury, Total (as Hg)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.002 Max. Daily	mg/l	1/6 months	Grab
00951 - (Fluoride, Total) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	4 Max. Daily	mg/l	1/6 months	Grab
01027 - (Cadmium, Total (as Cd)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.005 Max. Daily	mg/l	1/6 months	Grab
01051 - (Lead, Total (as Pb)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.015 Max. Daily	mg/l	1/6 months	Grab
01034 - (Chromium, Total (as Cr)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.1 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):

MW23

A.MW23 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee will monitor Well Number(s) MW23 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>					<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>				
01012 - (Beryllium, Total (as Be)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.004 Max. Daily	mg/l 1/6 months	Grab
01147 - (Selenium, Total (as Se)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.05 Max. Daily	mg/l 1/6 months	Grab
01007 - (Barium, Total (as Ba)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	2 Max. Daily	mg/l 1/6 months	Grab
01097 - (Antimony, Total (as Sb)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.006 Max. Daily	mg/l 1/6 months	Grab
01062 - (Molybdenum, Total (as Mo)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.1 Max. Daily	mg/l 1/6 months	Grab
00095 - (Specific Conductance) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	UMHO/CM 1/6 months	Grab
00011 - (Temperature, F) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	DEG.F 1/6 months	Grab
01059 - (Thallium, Total (as Tl)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.002 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):

MW23

A.MW23 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning {Effective Date of Permit} and lasting through midnight {Expiration Date of Permit} the permittee will monitor Well Number(s) MW23 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>				<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>			
11503 - (Radium 226 and 228, Total) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	5 Max. Daily	1/6 months Grab
01037 - (Cobalt, Total (as Co)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.006 Max. Daily	1/6 months Grab
01132 - (Lithium, Total (as Li)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.04 Max. Daily	1/6 months Grab

Samples taken in compliance with the monitoring requirements specified above shall be taken at the following location(s):
MW23

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 :

03 months after Issuance:	The permittee shall submit a plan of action that identifies the courses of action to be taken by the permittee that will result in compliance with the final effluent limitations for aluminum at Outlet 012; and iron at Outlets 012, 013, 014, and 015.
06 months after Issuance:	The permittee shall submit a progress report that identifies the status of the actions taken, as well as actions to be taken, to come into compliance with the final effluent limitations for aluminum at Outlet 012; and iron at Outlets 012, 013, 014, and 015.
09 months after Issuance:	The permittee shall submit a progress report that identifies the status of the actions taken, as well as actions to be taken, to come into compliance with the final effluent limitations for aluminum at Outlet 012; and iron at Outlets 012, 013, 014, and 015.
15 months after Issuance:	The permittee shall submit a progress report that identifies the status of the actions taken, as well as actions to be taken, to come into compliance with the final effluent limitations for aluminum at Outlet 012; and iron at Outlets 012, 013, 014, and 015.
18 months after Issuance:	The permittee shall submit a progress report that identifies the status of the actions taken, as well as actions to be taken, to come into compliance with the final effluent limitations for aluminum at Outlet 012; and iron at Outlets 012, 013, 014, and 015.
21 months after Issuance:	The permittee shall submit a progress report that identifies the status of the actions taken, as well as actions to be taken, to come into compliance with the final effluent limitations for aluminum at Outlet 012; and iron at Outlets 012, 013, 014, and 015.
24 months after Issuance:	The permittee shall complete Assessment of Corrective Measures for arsenic and lithium at the subject facility. Upon completion of the Assessment of Corrective Measures, the permittee shall discuss the results of the corrective measures assessment at least 30 days prior to the selection of remedy, in a public meeting with interested and affected parties.
24 months after Issuance:	The permittee shall begin the construction of any upgrades or system modifications necessary to comply with the final effluent limitations for aluminum at Outlet 012; and iron at Outlets 012, 013, 014, and 015. 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 effluent limitations for boron at Outlet 008.
27 months after Issuance:	The permittee shall submit a progress report that identifies the status of the actions taken, as well as actions to be taken, to come into compliance with the final effluent limitations for aluminum at Outlet 012; and iron at Outlets 012, 013, 014, and 015.
30 months after Issuance:	The permittee shall submit a progress report that identifies the status of the actions taken, as well as actions to be taken, to come into compliance with the final effluent limitations for aluminum at Outlet 012; and iron at Outlets 012, 013, 014, and 015.
33 months after Issuance:	The permittee shall submit a progress report that identifies the status of the actions taken, as well as actions to be taken, to come into compliance with the final effluent limitations for aluminum at Outlet 012; and iron at Outlets 012, 013, 014, and 015.

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 :**

36 months after Issuance:	The permittee shall complete the construction of any necessary upgrades or system modifications and shall comply with the final effluent limitations for aluminum at Outlet 012; and iron at Outlets 012, 013, 014, and 015.
36 months after Issuance:	The permittee shall select a Remedy for the impacts from arsenic and lithium at the subject facility. The remedy shall comply with the requirements of 40 CFR 257.97 and shall be incorporated into the permit via a major modification.

- 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

1. Only the waste materials specified in Application No. WV0075795 dated March 17, 2021, may be disposed in the Lower Tributary Valley Disposal Area, the Main Valley Disposal Area, and the Upper Valley Disposal Area.
2. Reporting
 - a. Monitoring Reports for the inspectable units referenced in pages 2 and 3 of this permit shall be submitted to the Agency's Electronic Submission System (ESS) and shall be received no later than the twenty fifth (25) day following the end of the reporting period.
 - b. Annual Report. An annual report is to be submitted for the previous calendar year to the Agency's Electronic Submission System (ESS) before September 30 of the following year and shall include the following information:
 - (1) Summary of the previous year's monitoring activities, including laboratory analysis of the previous year's Toxicity Characteristic Leaching Procedure (TCLP) conducted upon Flue Gas Desulphurization By-Product;
 - (2) A brief narrative describing the status of the facility which shall indicate any remedial activities, construction activities, and routine maintenance at the facility, and/or maintenance of the facility including details of the cleanouts of the leachate piping systems referenced in Condition C.12;
 - (3) A topographic map showing the permitted area, location of current working area(s) and completed area(s), cross sections showing volume of area that has been filled, and computations estimating the remaining useful life of the facility;
 - (4) An annual inspection report similar in format to the October 2004 report entitled "Harrison Constructed Wetland Treatment System, Annual Inspection Report" which shall include the following topics: Introduction, Water Quality Data Review, Performance of System Components, Systems Layout, Physical Site Conditions, Conclusions, and Recommendations;
 - (5) Summary of the past year's disposal activities specifying quantities of individual waste types;
 - (6) Results of the mine drainage seep survey required by Condition C.16;
 - (7) The information regarding the excavation of coal combustion by-products required by Condition C.11.(h) and C.11.(i)., and
 - (8) Groundwater flow rate and direction in the uppermost significant aquifer as required by Condition D.1.c.
3. The permittee shall prevent the establishment of trees and shrubs upon the the embankment of Surface Impoundment No. 1.
4. The following storm water requirements apply to Outlet(s) 012, 013, 014, 015, 018, 022, and 023:
 - 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. Representative Outlets

Outlet 022 shall be sampled as representative of Outlet 023

All other outlets shall be monitored and reported separately.

Section C - Other Requirements

4. c. 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.7.

Pollutant	Benchmark Value
Total Suspended Solids	100 mg/l
Arsenic	0.169 mg/l
Manganese	1.0 mg/l
Chloride	860 mg/l
Fluoride	1.8 mg/l
Nitrate	10 mg/l
Nitrite Nitrogen	1 mg/l
Hex Chrome	0.011 mg/l
Selenium	0.02 mg/l (Acute WQC)
Aluminum	0.75 mg/l
Iron	1.5 mg/l
pH	6.0 to 9.0 S.U.

- d. The benchmark procedure in this Section does not apply to parameters with limitations imposed in Section A.
5. The following activities are prohibited unless specifically approved by permit modification:
- Use of the facility for agricultural purposes, or
 - Establishment or construction of any buildings.
6. The permittee shall monthly examine the finished surfaces of the Lower Tributary Valley Disposal Area for 1) evidence of cracking or erosion which could allow waters to enter solid waste deposits and 2) evidence of settling of solid waste causing ponding of surface water. Finished surfaces which have cracked, eroded, or settled shall be repaired by any necessary regrading, additions of cover material, and revegetation activities.
7. The submission of information not applicable to the Electronic Submission System (ESS) shall be submitted to:
- Director
Div. of Water and Waste Mgmt.
601 57th Street, SE
Charleston, WV 25304
Attn: Christina Facemyer
christina.facemyer@wv.gov
8. The permittee shall inspect prior to the spring and fall planting seasons the vegetative cover of the Lower Tributary Valley Disposal Area and Main Valley Disposal Area. Areas that are deficient of vegetative cover shall be reseeded to establish a satisfactory stand of vegetation. Areas are considered to be deficient of vegetation if a 90% cover of perennial grasses or legumes has not been established.
9. Prior to its disposal, the permittee shall analyze acid mine drainage sludge utilizing the Toxicity Characteristic Leaching Procedure (TCLP) with resulting laboratory analyses being submitted to the address indicated in Condition C.7 for review and approval.
10. The permittee shall maintain in good operating condition all sediment and erosion control structures. Settled solids shall be removed from sediment and erosion control structures when these solids accumulate to 60% of the structure's total sediment capacity or when resuspension of solids begins, whichever occurs first.
11. The permittee is authorized to excavate coal combustion by-products from the Lower Tributary Valley Disposal Area in accordance with the following stipulations:

Section C - Other Requirements

- a. Excavation activities shall not disturb the leachate collection and protective cover zone of the liner system.
 - b. The area to be excavated shall be minimized.
 - c. The drainage slope of the area to be excavated shall be maintained.
 - d. Benching within the area to be excavated shall be maintained.
 - e. In areas where final soil cover must be removed, said cover shall be replaced, regraded and revegetated. Soil cover shall achieve a minimum thickness of twelve inches, regraded slopes shall not exceed 2.5H:1V between benches and a 90% vegetative cover consisting of perennial grasses or legumes shall be established.
 - f. Erosion and sedimentation control structures, such as silt fencing, shall be utilized to control runoff from areas to be excavated. Said structures shall be routinely examined for accumulated sediment. Accumulated sediment shall be removed in a timely manner in order to maximize the efficiency of the erosion and sedimentation control structures.
 - g. Appropriate notifications will be provided to the addresses indicated in Condition C.7 in accordance with Section 5.5.b.4.C. of Title 33, Series 1, Solid Waste Management Rule.
 - h. The location of areas where coal combustion by-products were excavated during the prior year shall be indicated on the topographic map referenced in Condition C.2.b.(3). Cross-sections showing the volume of areas excavated shall also be provided.
 - i. Concurrent with the Annual Report required by Condition C.2.(b), the quantity and type of coal combustion by-products excavated during the prior year shall be provided.
12. The permittee shall annually verify that the following pipes referenced in the January 2009 report entitled "Leachate Collection and Detection/Underdrain Piping Blockage Evaluation" are free of blockages: LC-13, LC-14, LC-15, LC-15A, LC-17, LC-18, LC-21, LC-22, LC-25, LC-26A, LC-27, LC-27A, LC-29, LC-30, LC-32, LC-33, LC-35, LC-36, LC-37, LC-38, LC-39, LC-42, LC-43, LC-44, LC-45, LD-13, LD-14, LD-15, LD-15A, LD-21, LD-26A, LD-32, LD-43, UD-47, UD-48, UD-50, UD-51, LD-A, LD-B, LD-C, LD-D, LD-E, LD-F, LD-G, LD-H, LD-J, and LD-K. The permittee shall also annually verify that the pipes referenced on a drawing which shall be submitted within one month of the effective date of the permit are free of blockages. For this purpose, water shall be introduced into the cleanout of each pipe at a steady flow rate. Allowing sufficient travel time but no longer than the time reasonably expected for unobstructed flow to reach the pipe outlet, the flow rate shall be determined at the outlet end of each pipe. If blockages have been determined to be present, blockages shall be removed by utilizing a water jetting device or equivalent equipment. Results of the investigation shall be provided in report form which shall provide for each pipe the inlet and outlet flow rate, and efforts to remove blockages. The report shall be submitted concurrently with the annual report.
13. The following sections of Title 33, Series 1, Solid Waste Management Rule, are hereby waived: 3.2.c, 3.2.k, 4.6.b.1.C, 4.6.b.2.A, 4.6.b.2.B, and 4.12.b, and 4.12.f. The following section of Title 33, Series 1, Solid Waste Management Rule, is hereby modified: 4.12.g.

Waiver of these Sections in 33 CSR 1 do not waive the equivalent sections in 33 CSR 1B / 40 CFR 257 for Coal Combustion Residual (CCR) units.
14. Sections 4.5.d.3, 4.5.d.4, and 4.5.d.5. of Title 33, Series 1, Solid Waste Management Rule, are waived for the areas of the Main Valley Disposal Area and the Upper Valley Disposal Area where flyash has been previously disposed as depicted on Drawing Numbers C89502703 and C89502704 and are also waived for the area depicted on the drawing submitted with letter dated February 19, 2003 where ash was not previously disposed.

Waiver of these Sections in 33 CSR 1 do not waive the equivalent sections in 33 CSR 1B / 40 CFR 257 for Coal Combustion Residual (CCR) units.
15. The permittee shall each calendar quarter monitor mine pool elevations in mine pool monitors MPM-6 and MPM-7 which shall be submitted electronically to the Agency's Electronic Submission System (ESS) as required by Condition C.2.a.

Section C - Other Requirements

16. The permittee shall quarterly conduct a mine drainage seep survey of the area shown on Drawing 00-276-B20 included with the November 2002 report entitled "Assessment of Mine Barrier Pillar Breaching, Phase IV CCB Landfill, Harrison Power Station, Harrison County, West Virginia".
17. The permittee shall route to the constructed wetland treatment system depicted on Drawing C8950243 the effluent discharging from the 12-inch mine drainage collection pipe and the 18-inch mine drainage collection pipe, both of which are depicted on Drawing C89501153. The full flow of the 12-inch pipe shall be directed to the constructed wetlands while the maximum flow that can pass through the fully opened 3-inch valve connected to the 18-inch pipe shall be directed to the constructed wetlands. Flow from the 18-inch pipe to the constructed wetlands may be decreased only if the Selenium concentration at Sampling Point LM21 exceeds .012 mg/l or when the waters of Robinson Run back up into the pump station.
18. The permittee shall develop and maintain onsite, an Operating Record. One copy of the Operating Record shall be available for review by representative(s) of the Division of Water and Waste Management at the premises or at the operator's office. The Operating Record shall, at a minimum, be consistent with 33 CSR 1B / 40 CFR 257.
19. The permittee shall, at intervals not exceeding seven days, inspect the facility for any appearances of actual or potential structural weakness and other conditions which are disrupting or have the potential to disrupt the operation or safety of the disposal facility. The results of the inspection must be recorded in the facilities operating record.
20. The approved final closure date (i.e. for the purposes of post closure care) for the landfill covered by this permit is
 - a. Main Area (MA) - N/A (Inactive - has not undergone final closure)
Upper Area (UA) - N/A (Landfill is still Active)
Lower Area (LA) - N/A (Inactive - has not undergone final closure)

The length of post-closure care may decreased if the permittee demonstrates a reduced period is sufficient to protect human health and the environment or increased if the agency determines that a lengthened period is necessary to protect human health and the environment.
21. The permittee may submit a major permit modification application or a formal request for termination / revocation of the permit (as applicable) for removal of a landfill from the permit that has completed post closure care. At a minimum, the request shall include:
 - a. A notification verifying that post-closure care has been completed in accordance with the closure plan specified in 40 CFR 257.104 signed by an qualified professional engineer.
 - b. A post closure care inspection report from Environmental Enforcement that indicates that no further remedial action or other activity is necessary to continue compliance with the Solid Management Act and the facility is not causing or could cause, in the future, any adverse effects on the environment, and/or causing a nuisance.
 - c. If wastes contained in the landfill have not degraded to a point where a release could occur due to failure of engineering controls or degradation of landfill components (which have a finite life span), the permittee shall submit a long-term stewardship plan to prevent unacceptable exposure to solid waste or a release of solid waste at the post-closure care unit once the permit is terminated.
 - d. A copy of the deed notation required by 40 CFR 257.102(i).
 - e. A plan to abandon groundwater monitoring wells on site compliant with 47CSR60 Section 19.
22. This permit does not authorize the direct discharge of untreated or partially treated leachate or "other" wastewaters via the "emergency overflow" (i.e. former Outlet 020) at Sedimentation Pond No.1.
23. The permittee shall annually perform chronic toxicity tests as described below, on the effluent from Outlet(s) 008:
 - a. Such testing will determine if an appropriate dilute effluent sample affects the survival or reproduction of the test species. 8-hour 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.

Section C - Other Requirements

23. a. 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).

$TUc = 100/NOEC$ 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.
- 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 on an annual basis. The first chronic toxicity testing shall be carried out within 6 months from the effective date of the permit for Outlet(s) 008. There shall be a minimum of three (3) months between sampling events.
- f. If chronic effluent toxicity testing shows noncompliance with the specified limitations prescribed in Section A, 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 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.

Section C - Other Requirements

24. 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.

a. Parameter	EPA Method No.	Method Detection Level (ug/l)
Arsenic, Total	200.8	1.4
Selenium, Total Recoverable	200.8	1.0
Chromium, Hexavalent	218.6	0.6
Aluminum, Total Recoverable	200.8	1
Mercury, Total*	245.7	0.0018
Mercury, Total*	1631	0.0002
Manganese, Total Recoverable	200.8	0.1
Vanadium, Total	200.8	2.5
Iron, Total Recoverable	200.8	2.61
Molybdenum, Total Recoverable	200.8	0.3
Titanium, Total Recoverable	200.8	0.195

*The permittee may use either Method 245.7 or Method 1631 for the analysis of mercury.

- b. The analytical test procedures, set forth in 40 CFR Part 136, prescribe colorimetric methods for certain parameters. The digestion process for the performance of total recoverable is not sufficient for the utilization of a colorimetric procedure. Therefore, colorimetric procedures shall not be acceptable for the analysis of parameters prescribed as total recoverable.
25. In the event of two successive exceedances of an acute whole effluent toxicity value of 0.57 TUa max daily (per Section C.26 greater than 1.0 TUa), the permittee shall submit, with a major permit modification application, the results of relevant aquatic field studies, standard bioassay test data which exists in substantial available scientific literature to establish a 96-hour, or equivalent (i.e. 48-hour, etc), LC50 or safe concentration value for sulfate per 47 CSR 2, Section 9.1 and 9.2. If a suitable LC50 cannot be identified from the study, the permittee shall certify as such in the modification application.
26. The permittee shall perform acute effluent toxicity testing in accordance with the following.
- The acute effluent toxicity testing prescribed, herein, shall be 48-hour static acute toxicity tests utilizing Pimephales Promelas fathead minnow and Ceriodaphnia Dubia as the test species.
 - The acute toxicity testing shall be performed on an annual basis. There shall be a minimum of three (3) months between semi-annual sampling events.
 - Eight (8) 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.
 - 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 reporting month in which it is due. LC50 shall be converted into Acute Toxic Units (TUa) using the following formula:

$$TUa = 100/LC50$$

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

- (1.) When the effluent demonstrates no toxicity at 100% effluent (no organisms die), the permittee may report zero (0) TUa.

Section C - Other Requirements

26. e. (2.) An effluent that causes some mortality but less than %50 mortality at %100 effluent on a species is still deemed to have some toxicity. As such, the permittee shall not report zero (0) in this case, but shall report the result as less than one (1) TUA.

Section D - Groundwater Monitoring

1. a. The permittee shall submit as required by Condition C.2.a. monitoring well reports indicating in terms of concentration the values of the parameters listed in Sections A. MW05, A. MW17, A. MW18, A. MW19, A.MW20. Concentrations of constituents for which standards of purity and quality have been referenced in said Sections shall be determined utilizing a minimum level less than said Standards.
- b. Groundwater shall be sampled in accordance with 40 CFR 257.91-93. The stabilized values for pH, Temperature, and Specific Conductance obtained during purging shall be retained as stated in Section III.6 of Appendix A.
- c. The permittee shall each monitoring event determine the rate and direction of groundwater flow in the uppermost significant aquifer. Said report shall be submitted concurrently with the semi-annual or annual report(s).
- d. The permittee shall determine whether there is a statistically significant increase over background levels (A.MW05) for each 40 CFR 257 Appendix III parameter listed in Sections A. MW17, A. MW18, A. MW19, A.MW20. If the permittee determines that there is a statistically significant increase over background for any parameter listed in 40 CFR 257 Appendix III of 40 CFR 257, the permittee shall comply with the requirements of Section D.1.e.
- e. If a statistically significant increase over background concentrations is confirmed per the procedures in 40 CFR 257.94 for any 40 CFR 257 Appendix III parameter, the permittee must do the following:
 - (1) Within thirty (30) days, place a notice in the operating record indicating which constituents have shown statistically significant changes from background levels and notify the Secretary that this notice was placed in the operating record.
 - (2) Within a ninety (90) day period of said finding establish an assessment monitoring program and analyze the groundwater for all constituents listed in Appendix IV of 40 CFR 257.
 - (3) Within ninety (90) days of triggering the assessment sampling required by D.1.e.(2), the permittee must:

Resample all groundwater for all parameters in Appendix IV of 40 CFR 257 and semi-annually thereafter.

Establish groundwater protection standards for all constituents in Appendix IV detected in the repeat sampling per 40 CFR 257.95(h). For any groundwater standard not already incorporated into this permit, the permit shall submit a major permit modification application to incorporate the groundwater standard in Section A of the permit.
 - (4) If the concentrations of all constituents listed in Appendix IV of 40 CFR 257 to this part are shown to be statistically at or below background values, the permittee may return to detection monitoring.

If the concentrations of any constituent in Appendix IV of 40 CFR 257 to this part are above background values, but all concentrations are below the groundwater protection standard established under 40 CFR 257.95(h) or in Section A of this permit, the owner or operator must continue assessment monitoring.
 - (5) Established groundwater standards and preventative action limits (PALs) are documented in Section D.2.b.
- f. Within ninety (90) days of finding that any of the constituents listed in Appendix IV of 40 CFR 257 to this part have been detected at a statistically significant level exceeding the groundwater protection standards the permittee shall initiate an assessment of corrective action measures per 40 CFR 257.96. At a minimum the permittee shall:
 - (1) Characterize the nature and extent of the release and any relevant site conditions that may affect clean up of any releases. Including installing additional monitoring wells to define the contaminant plume including at least one at the facility boundary in the direction of contaminant migration, collecting data on the nature and estimated quantity of material released, and resampling all wells to define the nature and extent of release.
 - (2) Notify all persons who own the land or reside on the land that directly overlies any part of the plume of contamination if contaminants have migrated off-site.

Section D - Groundwater Monitoring

1. f. (3) Initiate an assessment of Corrective Measures as required by 40 CFR 257.96 and Section D.1.f or demonstrate that a source other than the CCR unit caused the contamination, or that the statistically significant increase resulted from error in sampling, analysis, statistical evaluation, or natural variation in groundwater quality.
- g. Within ninety (90) days of finding that any constituent listed in Appendix IV of 40 CFR 257 has been detected at a statistically significant level exceeding the groundwater protection standard, or immediately upon detection of a release from a CCR unit, the permittee shall initiate an assessment of corrective measures to prevent further releases, to remediate any releases and to restore affected area to original conditions. The assessment of corrective measures must be completed within ninety (90) days, unless the permittee demonstrates the need for additional time to complete the assessment of corrective measures due to site-specific conditions or circumstances.
 - (1) Within thirty (30) days of a finding that the permittee must perform an assessment of corrective measures per 40 CFR 257.95 the permittee shall notify the Director and place the notification in the operating record.

Upon completion of the assessment of corrective measures the permittee shall place a notification in the operating record.

- (2) Specific requirements necessary to complete assessment of corrective action are included in Section D.2.c.
- h. Based on the results of the corrective measures assessment, the permittee must, as soon as feasible, obtain approval from the Director for a remedy meeting the requirements of 40 CFR 257.97 via a major permit modification application.

The modification application shall include documentation of the results of a public meeting compliant with 40 CFR 257.96(e).

- (1) Approved remediation / remedy decisions and their specific requirements are documented in Section D.2.d.
 - i. Nothing in this Section D.1 shall relieve the permittee from compliance with the latest effective revision of 40 CFR 257.90-98. In situations where the equivalent part of Section D and the latest effective version of CFR 257.90-98 differ the permittee shall comply with 40 CFR 257.90-98.
2. Based on a review of the historic Groundwater Monitoring Program at the site, the following monitoring wells / parameters shall be monitored under the following 40 CFR 257 monitoring program:

a. DETECTION MONITORING PROGRAM

Per 40 CFR 257.94, the permittee shall comply with Section D.1.e / 40 CFR 257.95(h) upon an exceedance of the respective background (Detection monitoring) or the laboratory Practical Quantitation Limit (Assessment monitoring) in each respective monitoring well. Upon moving a Detection parameter to an Assessment parameter the permittee shall submit a major permit modification to revise Section D of the permit. Some wells listed here may be under an Assessment program, those wells shall be monitored per Section D.2.b and upon satisfying that section (i.e. all results at or below backgrounds) return to a Detection program.

- (1) The following wells shall be evaluated via interwell statistics for the parameters in Section A of this permit:

MW17, MW18, MW19, MW20
Background Well: MW05

b. ASSESSMENT MONITORING PROGRAM

The following wells shall in addition to continued detection monitoring parameters in Section D.1 evaluate the additional parameters below under an assessment program:

Section D - Groundwater Monitoring

2. b. MW05, MW17, MW18, MW19, MW20

Parameter	Background (mg/l)	MCL / PAL (mg/l)
Antimony	0.0014	0.006
Arsenic	0.0005	0.01
Barium	0.153	2
Beryllium	0.00156	0.004
Cadmium	0.00143	0.005
Chromium	0.00758	0.1
Cobalt	NA**	0.006***
Fluoride	2.25	4
Lead	0.00425	0.015
Lithium	0.0188	0.04***
Mercury	0.00032	0.002
Molybdenum	0.015	0.1***
Selenium	NA**	0.05
Thallium	0.00143	0.002
Radium 226 and 228	1.6*	5*

*pCi/l

** Constituent was not detected in the background well (MW05).

*** A deviation and human health based preventative action limit (PAL) has been granted for cobalt, molybdenum, and lithium at the site per 47 CSR 57, Section 5 and groundwater standard established per 33 CSR 1B, Section 1. The standard is based on the minimum of WV DeMinimus Standards and EPA Region III Default Risk Based Concentrations, or an agency approved site-specific value such as a human health based secondary MCL or other approved risk based value.

c. ASSESSMENT OF CORRECTIVE ACTION

The following items, investigated in the 2023 Annual CCR Rule Groundwater Monitoring and Corrective Action Report, concerning Assessment of Corrective Action require additional investigation at the site and shall be submitted per Section B of the permit:

- (1) The permittee shall complete delineation of arsenic and lithium impacts to groundwater. The permittee shall install additional downgradient wells to delineate the nature and extent of impacts of arsenic and lithium or provide justification of why additional delineation is not necessary.

The permittee shall notify all persons who own the land or reside on the land that directly overlies any part of the plume of contamination if contaminants have migrated off-site. The determination of off site migration shall be determined upon each update of availability of groundwater monitoring data at the site (ex. 1/6 months Section A monitoring or nature and extent monitoring updates). Lack of a monitoring well at the site border / point of compliance or directly on the off site property shall not be justification to delay notification. Interpretive isocontour maps may be used as justification upon approval from the agency; however, if updated isocontour maps show off site migration within a reasonable certainty, notification shall be made.

The permittee shall submit documentation of the notification(s) to the agency.

- (2) The permittee shall complete Assessment of Corrective Action and discuss the results in a public meeting with interested and affected parties per 40 CFR 257.96(e). A remedy shall then be selected per 40 CFR 257.97. Remedies shall be incorporated into the permit via a major modification application per Section B.

d. CORRECTIVE ACTION PROGRAM AND IMPLEMENTATION (SELECTED REMEDY)

[Reserved]

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. WV0075795; 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. WV0075795; 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.

Jeremy W. Bandy, 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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 008

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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	35 Avg. Monthly	70 Max. Daily	N/A	mg/l		1/month	Grab
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
00610 (ML-1) RF-B Ammonia Nitrogen 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
00620 (ML-1) RF-B Nitrogen Nitrate 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
00615 (ML-1) RF-B 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/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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 008

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL*	Units	N.E.		
01002 (ML-1) RF-B Arsenic, Total (as As) Year Round	Reported								N/A	mg/l			
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily				1/quarter	Grab
01032 (ML-1) RF-B Chromium, Hexavalent Year Round	Reported								N/A	mg/l			
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily				1/quarter	Grab
71900 (ML-1) RF-A Mercury, Total (as Hg) Year Round	Reported								N/A	mg/l			
	Permit Limits	N/A	N/A			N/A	0.000071 Avg. Monthly	0.00021 Max. Daily				1/month	Grab
01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round	Reported								N/A	mg/l			
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily				1/quarter	Grab
00980 (ML-1) RF-A Iron, Total Recoverable Year Round	Reported								N/A	mg/l			
	Permit Limits	N/A	N/A			N/A	1.1 Avg. Monthly	2.8 Max. Daily				1/month	Grab
00940 (ML-1) RF-B Chloride (as Cl) Year Round	Reported								N/A	mg/l			
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily				1/quarter	Grab

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STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
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FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

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CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 008

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00951 (ML-1) RF-B Fluoride, Total Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	16 Avg. Monthly	30 Max. Daily	N/A	mg/l		1/quarter	Grab
61425 (ML-1) RF-D Acute Tox - Ceriodaphnia Dubia Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	0.28 Avg. Monthly	0.57 Max. Daily	N/A	TUa		1/year	8 hr comp
61427 (ML-1) RF-D Acute Toxicity - Pimephales Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	0.28 Avg. Monthly	0.57 Max. Daily	N/A	TUa		1/year	8 hr comp
61426 (ML-1) RF-D 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/year	8 hr 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	8 hr comp
01147 (ML-1) RF-B Selenium, Total (as Se) 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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CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 008

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
70295 (ML-1) RF-B	Reported												
Solids, Total Dissolved (TDS)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/quarter	Grab
Year Round							Avg. Monthly	Max. Daily					
01022 (ML-1) RF-B	Reported												
Boron, Total (as B)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/quarter	Grab
Year Round							Avg. Monthly	Max. Daily					
01062 (ML-1) RF-B	Reported												
Molybdenum, Total (as Mo)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/quarter	Grab
Year Round							Avg. Monthly	Max. Daily					
11123 (ML-1) RF-B	Reported												
Total Recov. Manganese	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/quarter	Grab
Year Round							Avg. Monthly	Max. Daily					
01087 (ML-1) RF-B	Reported												
Vanadium, Total (as V)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/quarter	Grab
Year Round							Avg. Monthly	Max. Daily					
81020 (ML-1) RF-A	Reported												
Sulfate	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/month	Grab
Year Round							Avg. Monthly	Max. Daily					

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CO

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 008

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01152 (ML-1) RF-B	Reported												
Total Titanium (as TI)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/quarter	Grab
Year Round							Avg. Monthly	Max. Daily					

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 012

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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
01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round Interim (Initial 24 months)	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
00980 (ML-1) RF-B Iron, Total Recoverable Year Round Interim (Initial 24 months)	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

Permit Limits

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CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 012

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00980 (ML-1) RF-B Iron, Total Recoverable 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
11123 (ML-1) RF-B Total Recov. Manganese 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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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
DISCHARGE MONITORING REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 013

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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
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 Interim (Initial 24 months)	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	1.5 Max. Daily	N/A	mg/l		1/quarter	Grab

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STATE OF WEST VIRGINIA
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FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CO

CERTIFIED LABORATORY NAME: _____

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PERMIT NO.: WV0075795 013

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
11123 (ML-1) RF-B	Reported												
Total Recov. Manganese	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/quarter	Grab
Year Round							Avg. Monthly	Max. Daily					

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FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 014

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
50050 (ML-1) RF-B	Reported												
Flow,in Conduit or thru plant	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mgd		1/quarter	Estimated
Year Round							Avg. Monthly	Max. Daily					
00530 (ML-1) RF-B	Reported												
Total Suspended Solids	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/quarter	Grab
Year Round							Avg. Monthly	Max. Daily					
00400 (ML-1) RF-B	Reported												
pH	Permit Limits	N/A	N/A			Rpt Only	N/A	Rpt Only	N/A	S.U.		1/quarter	Grab
Year Round						Inst. Min.		Inst. Max.					
01104 (ML-1) RF-B	Reported												
Aluminum, Total Recoverable	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/quarter	Grab
Year Round							Avg. Monthly	Max. Daily					
00980 (ML-1) RF-B	Reported												
Iron, Total Recoverable	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/quarter	Grab
Year Round							Avg. Monthly	Max. Daily					
Interim (Initial 24 months)													
00980 (ML-1) RF-B	Reported												
Iron, Total Recoverable	Permit Limits	N/A	N/A			N/A	Rpt Only	1.5	N/A	mg/l		1/quarter	Grab
Year Round							Avg. Monthly	Max. Daily					

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Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL*	Units	N.E.		
11123 (ML-1) RF-B	Reported								N/A	mg/l			Grab
Total Recov. Manganese Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily				1/quarter	

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Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 015

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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
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 Interim (Initial 24 months)	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	1.5 Max. Daily	N/A	mg/l		1/quarter	Grab

* CEL = Compliance Evaluation Level

Name of Principal Executive Officer Title of 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

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CO

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 015

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
11123 (ML-1) RF-B	Reported												
Total Recov. Manganese	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/quarter	Grab
Year Round							Avg. Monthly	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	
		Signature of Principal Executive Officer or Authorized Agent 	
Title of Officer 			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 018

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/month	Grab
00400 (ML-1) RF-A 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/month	Grab
00620 (ML-1) RF-A Nitrogen Nitrate 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	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	Grab
01002 (ML-1) RF-A Arsenic, Total (as As) 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	Grab

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 018

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01032 (ML-1) RF-A Chromium, Hexavalent 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	Grab
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	Grab
00980 (ML-1) RF-A 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/month	Grab
00940 (ML-1) RF-A 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/month	Grab
00951 (ML-1) RF-A Fluoride, Total 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	Grab
01147 (ML-1) RF-A Selenium, Total (as Se) 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	Grab

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Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 018

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
70295 (ML-1) RF-A	Reported												
Solids, Total Dissolved (TDS)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/month	Grab
Year Round							Avg. Monthly	Max. Daily					
01062 (ML-1) RF-A	Reported												
Molybdenum, Total (as Mo)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/month	Grab
Year Round							Avg. Monthly	Max. Daily					
82057 (ML-1) RF-A	Reported												
Boron, Total	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/month	Grab
Year Round							Avg. Monthly	Max. Daily					
11123 (ML-1) RF-A	Reported												
Total Recov. Manganese	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/month	Grab
Year Round							Avg. Monthly	Max. Daily					
81020 (ML-1) RF-A	Reported												
Sulfate	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/month	Grab
Year Round							Avg. Monthly	Max. Daily					

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Name of Principal Executive Officer Title of 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

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CO

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 022

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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	N/A	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	N/A	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
01104 (ML-1) RF-C Aluminum, Total Recoverable Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00980 (ML-1) RF-C Iron, Total Recoverable Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
11123 (ML-1) RF-C Total Recov. Manganese Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab

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		Signature of Principal Executive Officer or Authorized Agent	
Title of Officer			

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM01

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00530 (ML-1) RF-C	Reported												
Total Suspended Solids	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
00400 (ML-1) RF-C	Reported												
pH	Permit Limits	N/A	N/A			Rpt Only	N/A	Rpt Only	N/A	S.U.		1/6 months	Grab
Year Round						Inst. Min.		Inst. Max.					
01002 (ML-1) RF-C	Reported												
Arsenic, Total (as As)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
01032 (ML-1) RF-C	Reported												
Chromium, Hexavalent	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
71900 (ML-1) RF-C	Reported												
Mercury, Total (as Hg)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
01055 (ML-1) RF-C	Reported												
Manganese, Total (as Mn)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					

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		Signature of Principal Executive Officer or Authorized Agent 	
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STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM01

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01027 (ML-1) RF-C Cadmium, Total (as Cd) 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
01042 (ML-1) RF-C Copper, Total (as Cu) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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
01051 (ML-1) RF-C Lead, Total (as Pb) 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
01034 (ML-1) RF-C Chromium, Total (as Cr) 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM01

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01077 (ML-1) RF-C Silver, Total (as Ag) 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
01012 (ML-1) RF-C Beryllium, Total (as Be) 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
01147 (ML-1) RF-C Selenium, Total (as Se) 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
01007 (ML-1) RF-C Barium, Total (as Ba) 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
70295 (ML-1) RF-C Solids, Total Dissolved (TDS) 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
01097 (ML-1) RF-C Antimony, Total (as Sb) 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM01

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01022 (ML-1) RF-C Boron, Total (as B) 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
01062 (ML-1) RF-C Molybdenum, Total (as Mo) 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
00095 (ML-1) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
01092 (ML-1) RF-C Zinc, Total (as Zn) 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
00916 (ML-1) RF-C Calcium, Total (as Ca) 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
00680 (ML-1) RF-C Total Organic Carbon 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
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM01

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01067 (ML-1) RF-C Nickel, Total (as Ni) 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
01087 (ML-1) RF-C Vanadium, Total (as V) 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
81020 (ML-1) RF-C Sulfate 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
00927 (ML-1) RF-C Magnesium, Tot (as Mg) 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
01059 (ML-1) RF-C Thallium, Total (as Tl) 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			

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM02

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01002 (ML-1) RF-C Arsenic, Total (as As) 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
01032 (ML-1) RF-C Chromium, Hexavalent 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
71900 (ML-1) RF-C Mercury, Total (as Hg) 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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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PERMIT NO.: WV0075795 LM02

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01027 (ML-1) RF-C Cadmium, Total (as Cd) 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
01042 (ML-1) RF-C Copper, Total (as Cu) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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
01051 (ML-1) RF-C Lead, Total (as Pb) 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
01034 (ML-1) RF-C Chromium, Total (as Cr) 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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Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01077 (ML-1) RF-C Silver, Total (as Ag) 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
01012 (ML-1) RF-C Beryllium, Total (as Be) 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
01147 (ML-1) RF-C Selenium, Total (as Se) 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
01007 (ML-1) RF-C Barium, Total (as Ba) 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
70295 (ML-1) RF-C Solids, Total Dissolved (TDS) 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
01097 (ML-1) RF-C Antimony, Total (as Sb) 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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INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01022 (ML-1) RF-C Boron, Total (as B) 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
01062 (ML-1) RF-C Molybdenum, Total (as Mo) 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
00095 (ML-1) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
01092 (ML-1) RF-C Zinc, Total (as Zn) 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
00916 (ML-1) RF-C Calcium, Total (as Ca) 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
00680 (ML-1) RF-C Total Organic Carbon 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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PERMIT NO.: WV0075795 LM02

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01067 (ML-1) RF-C Nickel, Total (as Ni) 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
01087 (ML-1) RF-C Vanadium, Total (as V) 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
81020 (ML-1) RF-C Sulfate 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
00927 (ML-1) RF-C Magnesium, Tot (as Mg) 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
01059 (ML-1) RF-C Thallium, Total (as Tl) 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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LOCATION OF FACILITY: HAYWOOD; Harrison County

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PERMIT NO.: WV0075795 LM03

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00530 (ML-1) RF-C	Reported												
Total Suspended Solids	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
00400 (ML-1) RF-C	Reported												
pH	Permit Limits	N/A	N/A			Rpt Only	N/A	Rpt Only	N/A	S.U.		1/6 months	Grab
Year Round						Inst. Min.		Inst. Max.					
01002 (ML-1) RF-C	Reported												
Arsenic, Total (as As)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
01032 (ML-1) RF-C	Reported												
Chromium, Hexavalent	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
71900 (ML-1) RF-C	Reported												
Mercury, Total (as Hg)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
01055 (ML-1) RF-C	Reported												
Manganese, Total (as Mn)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					

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Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01027 (ML-1) RF-C Cadmium, Total (as Cd) 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
01042 (ML-1) RF-C Copper, Total (as Cu) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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
01051 (ML-1) RF-C Lead, Total (as Pb) 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
01034 (ML-1) RF-C Chromium, Total (as Cr) 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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Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01077 (ML-1) RF-C Silver, Total (as Ag) 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
01012 (ML-1) RF-C Beryllium, Total (as Be) 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
01147 (ML-1) RF-C Selenium, Total (as Se) 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
01007 (ML-1) RF-C Barium, Total (as Ba) 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
70295 (ML-1) RF-C Solids, Total Dissolved (TDS) 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
01097 (ML-1) RF-C Antimony, Total (as Sb) 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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Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01022 (ML-1) RF-C Boron, Total (as B) 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
01062 (ML-1) RF-C Molybdenum, Total (as Mo) 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
00095 (ML-1) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
01092 (ML-1) RF-C Zinc, Total (as Zn) 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
00916 (ML-1) RF-C Calcium, Total (as Ca) 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
00680 (ML-1) RF-C Total Organic Carbon 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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Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01067 (ML-1) RF-C Nickel, Total (as Ni) 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
01087 (ML-1) RF-C Vanadium, Total (as V) 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
81020 (ML-1) RF-C Sulfate 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
00927 (ML-1) RF-C Magnesium, Tot (as Mg) 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
01059 (ML-1) RF-C Thallium, Total (as Tl) 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		

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM04

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00530 (ML-1) RF-C	Reported												
Total Suspended Solids	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
00400 (ML-1) RF-C	Reported												
pH	Permit Limits	N/A	N/A			Rpt Only	N/A	Rpt Only	N/A	S.U.		1/6 months	Grab
Year Round						Inst. Min.		Inst. Max.					
01002 (ML-1) RF-C	Reported												
Arsenic, Total (as As)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
01032 (ML-1) RF-C	Reported												
Chromium, Hexavalent	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
71900 (ML-1) RF-C	Reported												
Mercury, Total (as Hg)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
01055 (ML-1) RF-C	Reported												
Manganese, Total (as Mn)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					

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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
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WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01027 (ML-1) RF-C Cadmium, Total (as Cd) 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
01042 (ML-1) RF-C Copper, Total (as Cu) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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
01051 (ML-1) RF-C Lead, Total (as Pb) 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
01034 (ML-1) RF-C Chromium, Total (as Cr) 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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PERMIT NO.: WV0075795 LM04

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01077 (ML-1) RF-C Silver, Total (as Ag) 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
01012 (ML-1) RF-C Beryllium, Total (as Be) 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
01147 (ML-1) RF-C Selenium, Total (as Se) 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
01007 (ML-1) RF-C Barium, Total (as Ba) 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
70295 (ML-1) RF-C Solids, Total Dissolved (TDS) 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
01097 (ML-1) RF-C Antimony, Total (as Sb) 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM04

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01022 (ML-1) RF-C Boron, Total (as B) 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
01062 (ML-1) RF-C Molybdenum, Total (as Mo) 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
00095 (ML-1) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
01092 (ML-1) RF-C Zinc, Total (as Zn) 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
00916 (ML-1) RF-C Calcium, Total (as Ca) 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
00680 (ML-1) RF-C Total Organic Carbon 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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LEACHATE ANALYSIS REPORT

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FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

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PERMIT NO.: WV0075795 LM04

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01067 (ML-1) RF-C Nickel, Total (as Ni) 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
01087 (ML-1) RF-C Vanadium, Total (as V) 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
81020 (ML-1) RF-C Sulfate 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
00927 (ML-1) RF-C Magnesium, Tot (as Mg) 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
01059 (ML-1) RF-C Thallium, Total (as Tl) 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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LEACHATE ANALYSIS REPORT

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FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM05

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01002 (ML-1) RF-C Arsenic, Total (as As) 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
01032 (ML-1) RF-C Chromium, Hexavalent 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
71900 (ML-1) RF-C Mercury, Total (as Hg) 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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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PERMIT NO.: WV0075795 LM05

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01027 (ML-1) RF-C Cadmium, Total (as Cd) 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
01042 (ML-1) RF-C Copper, Total (as Cu) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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
01051 (ML-1) RF-C Lead, Total (as Pb) 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
01034 (ML-1) RF-C Chromium, Total (as Cr) 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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Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01077 (ML-1) RF-C Silver, Total (as Ag) 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
01012 (ML-1) RF-C Beryllium, Total (as Be) 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
01147 (ML-1) RF-C Selenium, Total (as Se) 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
01007 (ML-1) RF-C Barium, Total (as Ba) 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
70295 (ML-1) RF-C Solids, Total Dissolved (TDS) 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
01097 (ML-1) RF-C Antimony, Total (as Sb) 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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Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01022 (ML-1) RF-C Boron, Total (as B) 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
01062 (ML-1) RF-C Molybdenum, Total (as Mo) 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
00095 (ML-1) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
01092 (ML-1) RF-C Zinc, Total (as Zn) 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
00916 (ML-1) RF-C Calcium, Total (as Ca) 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
00680 (ML-1) RF-C Total Organic Carbon 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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Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01067 (ML-1) RF-C Nickel, Total (as Ni) 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
01087 (ML-1) RF-C Vanadium, Total (as V) 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
81020 (ML-1) RF-C Sulfate 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
00927 (ML-1) RF-C Magnesium, Tot (as Mg) 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
01059 (ML-1) RF-C Thallium, Total (as Tl) 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
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Title of Officer		

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM06

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00530 (ML-1) RF-C	Reported												
Total Suspended Solids	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
00400 (ML-1) RF-C	Reported												
pH	Permit Limits	N/A	N/A			Rpt Only	N/A	Rpt Only	N/A	S.U.		1/6 months	Grab
Year Round						Inst. Min.		Inst. Max.					
01002 (ML-1) RF-C	Reported												
Arsenic, Total (as As)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
01032 (ML-1) RF-C	Reported												
Chromium, Hexavalent	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
71900 (ML-1) RF-C	Reported												
Mercury, Total (as Hg)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
01055 (ML-1) RF-C	Reported												
Manganese, Total (as Mn)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					

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PERMIT NO.: WV0075795 LM06

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01027 (ML-1) RF-C Cadmium, Total (as Cd) 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
01042 (ML-1) RF-C Copper, Total (as Cu) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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
01051 (ML-1) RF-C Lead, Total (as Pb) 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
01034 (ML-1) RF-C Chromium, Total (as Cr) 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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Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01077 (ML-1) RF-C Silver, Total (as Ag) 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
01012 (ML-1) RF-C Beryllium, Total (as Be) 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
01147 (ML-1) RF-C Selenium, Total (as Se) 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
01007 (ML-1) RF-C Barium, Total (as Ba) 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
70295 (ML-1) RF-C Solids, Total Dissolved (TDS) 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
01097 (ML-1) RF-C Antimony, Total (as Sb) 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: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

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CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM06

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01022 (ML-1) RF-C Boron, Total (as B) 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
01062 (ML-1) RF-C Molybdenum, Total (as Mo) 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
00095 (ML-1) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
01092 (ML-1) RF-C Zinc, Total (as Zn) 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
00916 (ML-1) RF-C Calcium, Total (as Ca) 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
00680 (ML-1) RF-C Total Organic Carbon 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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PERMIT NO.: WV0075795 LM06

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01067 (ML-1) RF-C Nickel, Total (as Ni) 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
01087 (ML-1) RF-C Vanadium, Total (as V) 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
81020 (ML-1) RF-C Sulfate 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
00927 (ML-1) RF-C Magnesium, Tot (as Mg) 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
01059 (ML-1) RF-C Thallium, Total (as Tl) 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
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM07

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00530 (ML-1) RF-C	Reported												
Total Suspended Solids	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
00400 (ML-1) RF-C	Reported												
pH	Permit Limits	N/A	N/A			Rpt Only	N/A	Rpt Only	N/A	S.U.		1/6 months	Grab
Year Round						Inst. Min.		Inst. Max.					
01002 (ML-1) RF-C	Reported												
Arsenic, Total (as As)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
01032 (ML-1) RF-C	Reported												
Chromium, Hexavalent	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
71900 (ML-1) RF-C	Reported												
Mercury, Total (as Hg)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
01055 (ML-1) RF-C	Reported												
Manganese, Total (as Mn)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					

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INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01027 (ML-1) RF-C Cadmium, Total (as Cd) 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
01042 (ML-1) RF-C Copper, Total (as Cu) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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
01051 (ML-1) RF-C Lead, Total (as Pb) 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
01034 (ML-1) RF-C Chromium, Total (as Cr) 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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INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01077 (ML-1) RF-C Silver, Total (as Ag) 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
01012 (ML-1) RF-C Beryllium, Total (as Be) 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
01147 (ML-1) RF-C Selenium, Total (as Se) 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
01007 (ML-1) RF-C Barium, Total (as Ba) 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
70295 (ML-1) RF-C Solids, Total Dissolved (TDS) 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
01097 (ML-1) RF-C Antimony, Total (as Sb) 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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Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01022 (ML-1) RF-C Boron, Total (as B) 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
01062 (ML-1) RF-C Molybdenum, Total (as Mo) 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
00095 (ML-1) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
01092 (ML-1) RF-C Zinc, Total (as Zn) 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
00916 (ML-1) RF-C Calcium, Total (as Ca) 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
00680 (ML-1) RF-C Total Organic Carbon 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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INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01067 (ML-1) RF-C Nickel, Total (as Ni) 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
01087 (ML-1) RF-C Vanadium, Total (as V) 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
81020 (ML-1) RF-C Sulfate 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
00927 (ML-1) RF-C Magnesium, Tot (as Mg) 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
01059 (ML-1) RF-C Thallium, Total (as Tl) 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
		Signature of Principal Executive Officer or Authorized Agent
Title of Officer 		

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM08

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01002 (ML-1) RF-C Arsenic, Total (as As) 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
01032 (ML-1) RF-C Chromium, Hexavalent 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
71900 (ML-1) RF-C Mercury, Total (as Hg) 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

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CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM08

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INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01027 (ML-1) RF-C Cadmium, Total (as Cd) 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
01042 (ML-1) RF-C Copper, Total (as Cu) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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
01051 (ML-1) RF-C Lead, Total (as Pb) 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
01034 (ML-1) RF-C Chromium, Total (as Cr) 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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INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01077 (ML-1) RF-C Silver, Total (as Ag) 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
01012 (ML-1) RF-C Beryllium, Total (as Be) 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
01147 (ML-1) RF-C Selenium, Total (as Se) 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
01007 (ML-1) RF-C Barium, Total (as Ba) 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
70295 (ML-1) RF-C Solids, Total Dissolved (TDS) 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
01097 (ML-1) RF-C Antimony, Total (as Sb) 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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WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01022 (ML-1) RF-C Boron, Total (as B) 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
01062 (ML-1) RF-C Molybdenum, Total (as Mo) 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
00095 (ML-1) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
01092 (ML-1) RF-C Zinc, Total (as Zn) 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
00916 (ML-1) RF-C Calcium, Total (as Ca) 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
00680 (ML-1) RF-C Total Organic Carbon 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: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

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PERMIT NO.: WV0075795 LM08

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01067 (ML-1) RF-C Nickel, Total (as Ni) 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
01087 (ML-1) RF-C Vanadium, Total (as V) 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
81020 (ML-1) RF-C Sulfate 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
00927 (ML-1) RF-C Magnesium, Tot (as Mg) 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
01059 (ML-1) RF-C Thallium, Total (as Tl) 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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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

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PERMIT NO.: WV0075795 LM09

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01002 (ML-1) RF-C Arsenic, Total (as As) 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
01032 (ML-1) RF-C Chromium, Hexavalent 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
71900 (ML-1) RF-C Mercury, Total (as Hg) 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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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LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

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PERMIT NO.: WV0075795 LM09

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INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01027 (ML-1) RF-C Cadmium, Total (as Cd) 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
01042 (ML-1) RF-C Copper, Total (as Cu) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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
01051 (ML-1) RF-C Lead, Total (as Pb) 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
01034 (ML-1) RF-C Chromium, Total (as Cr) 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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Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01077 (ML-1) RF-C Silver, Total (as Ag) 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
01012 (ML-1) RF-C Beryllium, Total (as Be) 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
01147 (ML-1) RF-C Selenium, Total (as Se) 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
01007 (ML-1) RF-C Barium, Total (as Ba) 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
70295 (ML-1) RF-C Solids, Total Dissolved (TDS) 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
01097 (ML-1) RF-C Antimony, Total (as Sb) 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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Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01022 (ML-1) RF-C Boron, Total (as B) 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
01062 (ML-1) RF-C Molybdenum, Total (as Mo) 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
00095 (ML-1) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
01092 (ML-1) RF-C Zinc, Total (as Zn) 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
00916 (ML-1) RF-C Calcium, Total (as Ca) 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
00680 (ML-1) RF-C Total Organic Carbon 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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INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01067 (ML-1) RF-C Nickel, Total (as Ni) 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
01087 (ML-1) RF-C Vanadium, Total (as V) 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
81020 (ML-1) RF-C Sulfate 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
00927 (ML-1) RF-C Magnesium, Tot (as Mg) 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
01059 (ML-1) RF-C Thallium, Total (as Tl) 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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		Signature of Principal Executive Officer or Authorized Agent	
Title of Officer			

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM10

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01002 (ML-1) RF-C Arsenic, Total (as As) 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
01032 (ML-1) RF-C Chromium, Hexavalent 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
71900 (ML-1) RF-C Mercury, Total (as Hg) 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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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PERMIT NO.: WV0075795 LM10

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INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01027 (ML-1) RF-C Cadmium, Total (as Cd) 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
01042 (ML-1) RF-C Copper, Total (as Cu) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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
01051 (ML-1) RF-C Lead, Total (as Pb) 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
01034 (ML-1) RF-C Chromium, Total (as Cr) 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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Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01077 (ML-1) RF-C Silver, Total (as Ag) 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
01012 (ML-1) RF-C Beryllium, Total (as Be) 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
01147 (ML-1) RF-C Selenium, Total (as Se) 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
01007 (ML-1) RF-C Barium, Total (as Ba) 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
70295 (ML-1) RF-C Solids, Total Dissolved (TDS) 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
01097 (ML-1) RF-C Antimony, Total (as Sb) 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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Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01022 (ML-1) RF-C Boron, Total (as B) 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
01062 (ML-1) RF-C Molybdenum, Total (as Mo) 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
00095 (ML-1) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
01092 (ML-1) RF-C Zinc, Total (as Zn) 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
00916 (ML-1) RF-C Calcium, Total (as Ca) 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
00680 (ML-1) RF-C Total Organic Carbon 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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Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01067 (ML-1) RF-C Nickel, Total (as Ni) 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
01087 (ML-1) RF-C Vanadium, Total (as V) 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
81020 (ML-1) RF-C Sulfate 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
00927 (ML-1) RF-C Magnesium, Tot (as Mg) 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
01059 (ML-1) RF-C Thallium, Total (as Tl) 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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PERMIT NO.: WV0075795 LM11

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01002 (ML-1) RF-C Arsenic, Total (as As) 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
01032 (ML-1) RF-C Chromium, Hexavalent 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
71900 (ML-1) RF-C Mercury, Total (as Hg) 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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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Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00940 (ML-1) RF-C Chloride (as Cl) Year Round	Reported								N/A	mg/l			
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily				1/6 months	Grab
01027 (ML-1) RF-C Cadmium, Total (as Cd) Year Round	Reported								N/A	mg/l			
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily				1/6 months	Grab
01042 (ML-1) RF-C Copper, Total (as Cu) Year Round	Reported								N/A	mg/l			
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily				1/6 months	Grab
01105 (ML-1) RF-C Aluminum, Total (as Al) Year Round	Reported								N/A	mg/l			
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily				1/6 months	Grab
01051 (ML-1) RF-C Lead, Total (as Pb) Year Round	Reported								N/A	mg/l			
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily				1/6 months	Grab
01034 (ML-1) RF-C Chromium, Total (as Cr) Year Round	Reported								N/A	mg/l			
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily				1/6 months	Grab

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Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01077 (ML-1) RF-C Silver, Total (as Ag) 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
01012 (ML-1) RF-C Beryllium, Total (as Be) 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
01147 (ML-1) RF-C Selenium, Total (as Se) 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
01007 (ML-1) RF-C Barium, Total (as Ba) 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
70295 (ML-1) RF-C Solids, Total Dissolved (TDS) 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
01097 (ML-1) RF-C Antimony, Total (as Sb) 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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Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01022 (ML-1) RF-C	Reported												
Boron, Total (as B)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
01062 (ML-1) RF-C	Reported												
Molybdenum, Total (as Mo)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
00095 (ML-1) RF-C	Reported												
Specific Conductance	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	UMHO/CM		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
01092 (ML-1) RF-C	Reported												
Zinc, Total (as Zn)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
00916 (ML-1) RF-C	Reported												
Calcium, Total (as Ca)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
00680 (ML-1) RF-C	Reported												
Total Organic Carbon	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					

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CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM11

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01067 (ML-1) RF-C Nickel, Total (as Ni) 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
01087 (ML-1) RF-C Vanadium, Total (as V) 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
81020 (ML-1) RF-C Sulfate 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
00927 (ML-1) RF-C Magnesium, Tot (as Mg) 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
01059 (ML-1) RF-C Thallium, Total (as Tl) 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

* 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
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM12

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00530 (ML-1) RF-C	Reported												
Total Suspended Solids	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
00400 (ML-1) RF-C	Reported												
pH	Permit Limits	N/A	N/A			Rpt Only	N/A	Rpt Only	N/A	S.U.		1/6 months	Grab
Year Round						Inst. Min.		Inst. Max.					
01002 (ML-1) RF-C	Reported												
Arsenic, Total (as As)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
01032 (ML-1) RF-C	Reported												
Chromium, Hexavalent	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
71900 (ML-1) RF-C	Reported												
Mercury, Total (as Hg)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
01055 (ML-1) RF-C	Reported												
Manganese, Total (as Mn)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					

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STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM12

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01027 (ML-1) RF-C Cadmium, Total (as Cd) 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
01042 (ML-1) RF-C Copper, Total (as Cu) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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
01051 (ML-1) RF-C Lead, Total (as Pb) 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
01034 (ML-1) RF-C Chromium, Total (as Cr) 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM12

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01077 (ML-1) RF-C Silver, Total (as Ag) 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
01012 (ML-1) RF-C Beryllium, Total (as Be) 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
01147 (ML-1) RF-C Selenium, Total (as Se) 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
01007 (ML-1) RF-C Barium, Total (as Ba) 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
70295 (ML-1) RF-C Solids, Total Dissolved (TDS) 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
01097 (ML-1) RF-C Antimony, Total (as Sb) 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 			

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM12

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01022 (ML-1) RF-C Boron, Total (as B) 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
01062 (ML-1) RF-C Molybdenum, Total (as Mo) 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
00095 (ML-1) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
01092 (ML-1) RF-C Zinc, Total (as Zn) 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
00916 (ML-1) RF-C Calcium, Total (as Ca) 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
00680 (ML-1) RF-C Total Organic Carbon 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM12

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01067 (ML-1) RF-C Nickel, Total (as Ni) 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
01087 (ML-1) RF-C Vanadium, Total (as V) 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
81020 (ML-1) RF-C Sulfate 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
00927 (ML-1) RF-C Magnesium, Tot (as Mg) 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
01059 (ML-1) RF-C Thallium, Total (as Tl) 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
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM13

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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
01032 (ML-1) RF-C Chromium, Hexavalent 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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	
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Title of Officer 			

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [LM13](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01147 (ML-1) RF-C Selenium, Total (as Se) 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
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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Title of Officer		Signature of Principal Executive Officer or Authorized Agent 	

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [LM14](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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
01032 (ML-1) RF-C Chromium, Hexavalent 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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			

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [LM14](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01147 (ML-1) RF-C Selenium, Total (as Se) 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
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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Title of Officer			

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM15

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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
01032 (ML-1) RF-C Chromium, Hexavalent 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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

* CEL = Compliance Evaluation Level

Name of Principal Executive Officer Title of 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

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [LM15](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01147 (ML-1) RF-C Selenium, Total (as Se) 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
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

* 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM16

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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
01032 (ML-1) RF-C Chromium, Hexavalent 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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

* 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [LM16](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01147 (ML-1) RF-C Selenium, Total (as Se) 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
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

* 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM17

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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
01032 (ML-1) RF-C Chromium, Hexavalent 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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

* 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [LM17](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01147 (ML-1) RF-C Selenium, Total (as Se) 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
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

* 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
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM18

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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
01032 (ML-1) RF-C Chromium, Hexavalent 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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

* 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CO

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [LM18](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01147 (ML-1) RF-C Selenium, Total (as Se) 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
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

* 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
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM19

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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
01032 (ML-1) RF-C Chromium, Hexavalent 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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

* 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [LM19](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01147 (ML-1) RF-C Selenium, Total (as Se) 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
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

* 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
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM20

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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
01032 (ML-1) RF-C Chromium, Hexavalent 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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

* 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [LM20](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01147 (ML-1) RF-C Selenium, Total (as Se) 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
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

* 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM21

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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
01032 (ML-1) RF-C Chromium, Hexavalent 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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

* 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [LM21](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01147 (ML-1) RF-C Selenium, Total (as Se) 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
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

* 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
MONITORING WELL REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 MW05

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00530 (ML-O) 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-O) 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
01002 (ML-O) RF-C Arsenic, Total (as As) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
71900 (ML-O) RF-C Mercury, Total (as Hg) 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
00951 (ML-O) RF-C Fluoride, Total Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01027 (ML-O) RF-C Cadmium, Total (as Cd) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	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	
		Signature of Principal Executive Officer or Authorized Agent	
Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 MW05

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01051 (ML-O) RF-C Lead, Total (as Pb) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01034 (ML-O) RF-C Chromium, Total (as Cr) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01012 (ML-O) RF-C Beryllium, Total (as Be) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01147 (ML-O) RF-C Selenium, Total (as Se) 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
01007 (ML-O) RF-C Barium, Total (as Ba) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01097 (ML-O) RF-C Antimony, Total (as Sb) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab

* CEL = Compliance Evaluation Level

Name of Principal Executive Officer Title of 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

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 MW05

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01062 (ML-O) RF-C Molybdenum, Total (as Mo) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00095 (ML-O) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
00011 (ML-O) RF-C Temperature, F Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	DEG.F		1/6 months	Grab
01059 (ML-O) RF-C Thallium, Total (as Tl) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
11503 (ML-O) RF-C Radium 226 and 228, Total Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	pCi/L		1/6 months	Grab
01037 (ML-O) RF-C Cobalt, Total (as Co) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab

* CEL = Compliance Evaluation Level

Name of Principal Executive Officer Title of 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

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CO

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 MW05

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01132 (ML-O) RF-C	Reported												
Lithium, Total (as Li)	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
Year Round													

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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	
		Signature of Principal Executive Officer or Authorized Agent 	
Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 MW17

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00530 (ML-O) RF-C Total Suspended Solids Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00400 (ML-O) 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
01002 (ML-O) RF-C Arsenic, Total (as As) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.01 Max. Daily	N/A	mg/l		1/6 months	Grab
71900 (ML-O) RF-C Mercury, Total (as Hg) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.002 Max. Daily	N/A	mg/l		1/6 months	Grab
00951 (ML-O) RF-C Fluoride, Total Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	4 Max. Daily	N/A	mg/l		1/6 months	Grab
01027 (ML-O) RF-C Cadmium, Total (as Cd) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.005 Max. Daily	N/A	mg/l		1/6 months	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	
		Signature of Principal Executive Officer or Authorized Agent	
Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CO

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW17](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL*	Units	N.E.		
01051 (ML-O) RF-C Lead, Total (as Pb) Year Round	Reported								N/A	mg/l			Grab
	Permit Limits	N/A	N/A			N/A	N/A	0.015 Max. Daily				1/6 months	
01034 (ML-O) RF-C Chromium, Total (as Cr) Year Round	Reported								N/A	mg/l			Grab
	Permit Limits	N/A	N/A			N/A	N/A	0.1 Max. Daily				1/6 months	
01012 (ML-O) RF-C Beryllium, Total (as Be) Year Round	Reported								N/A	mg/l			Grab
	Permit Limits	N/A	N/A			N/A	N/A	0.004 Max. Daily				1/6 months	
01147 (ML-O) RF-C Selenium, Total (as Se) Year Round	Reported								N/A	mg/l			Grab
	Permit Limits	N/A	N/A			N/A	N/A	0.05 Max. Daily				1/6 months	
01007 (ML-O) RF-C Barium, Total (as Ba) Year Round	Reported								N/A	mg/l			Grab
	Permit Limits	N/A	N/A			N/A	N/A	2 Max. Daily				1/6 months	
01097 (ML-O) RF-C Antimony, Total (as Sb) Year Round	Reported								N/A	mg/l			Grab
	Permit Limits	N/A	N/A			N/A	N/A	0.006 Max. Daily				1/6 months	

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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	
		Signature of Principal Executive Officer or Authorized Agent 	
Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW17](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01062 (ML-O) RF-C Molybdenum, Total (as Mo) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.1 Max. Daily	N/A	mg/l		1/6 months	Grab
00095 (ML-O) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
00011 (ML-O) RF-C Temperature, F Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	DEG.F		1/6 months	Grab
01059 (ML-O) RF-C Thallium, Total (as Tl) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.002 Max. Daily	N/A	mg/l		1/6 months	Grab
11503 (ML-O) RF-C Radium 226 and 228, Total Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	5 Max. Daily	N/A	pCi/L		1/6 months	Grab
01037 (ML-O) RF-C Cobalt, Total (as Co) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.006 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
MONITORING WELL REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CO

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 MW17

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL*	Units	N.E.		
01132 (ML-O) RF-C	Reported								N/A	mg/l			Grab
Lithium, Total (as Li)	Permit Limits	N/A	N/A			N/A	N/A	0.04					
Year Round						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	
		Signature of Principal Executive Officer or Authorized Agent	
Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW18](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00530 (ML-O) RF-C Total Suspended Solids Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00400 (ML-O) 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
01002 (ML-O) RF-C Arsenic, Total (as As) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.01 Max. Daily	N/A	mg/l		1/6 months	Grab
71900 (ML-O) RF-C Mercury, Total (as Hg) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.002 Max. Daily	N/A	mg/l		1/6 months	Grab
00951 (ML-O) RF-C Fluoride, Total Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	4 Max. Daily	N/A	mg/l		1/6 months	Grab
01027 (ML-O) RF-C Cadmium, Total (as Cd) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.005 Max. Daily	N/A	mg/l		1/6 months	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	
		Signature of Principal Executive Officer or Authorized Agent	
Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW18](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01051 (ML-O) RF-C Lead, Total (as Pb) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.015 Max. Daily	N/A	mg/l		1/6 months	Grab
01034 (ML-O) RF-C Chromium, Total (as Cr) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.1 Max. Daily	N/A	mg/l		1/6 months	Grab
01012 (ML-O) RF-C Beryllium, Total (as Be) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.004 Max. Daily	N/A	mg/l		1/6 months	Grab
01147 (ML-O) RF-C Selenium, Total (as Se) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.05 Max. Daily	N/A	mg/l		1/6 months	Grab
01007 (ML-O) RF-C Barium, Total (as Ba) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	2 Max. Daily	N/A	mg/l		1/6 months	Grab
01097 (ML-O) RF-C Antimony, Total (as Sb) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.006 Max. Daily	N/A	mg/l		1/6 months	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	
		Signature of Principal Executive Officer or Authorized Agent 	
Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 MW18

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01062 (ML-O) RF-C Molybdenum, Total (as Mo) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.1 Max. Daily	N/A	mg/l		1/6 months	Grab
00095 (ML-O) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
00011 (ML-O) RF-C Temperature, F Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	DEG.F		1/6 months	Grab
01059 (ML-O) RF-C Thallium, Total (as Tl) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.002 Max. Daily	N/A	mg/l		1/6 months	Grab
11503 (ML-O) RF-C Radium 226 and 228, Total Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	5 Max. Daily	N/A	pCi/L		1/6 months	Grab
01037 (ML-O) RF-C Cobalt, Total (as Co) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.006 Max. Daily	N/A	mg/l		1/6 months	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	
		Signature of Principal Executive Officer or Authorized Agent	
Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CO

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW18](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01132 (ML-O) RF-C	Reported												
Lithium, Total (as Li)	Permit Limits	N/A	N/A			N/A	N/A	0.04	N/A	mg/l		1/6 months	Grab
Year Round								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	
		Signature of Principal Executive Officer or Authorized Agent	
Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW19](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00530 (ML-O) RF-C	Reported												
Total Suspended Solids	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00400 (ML-O) RF-C	Reported												
pH	Permit Limits	N/A	N/A			Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	S.U.		1/6 months	Grab
01002 (ML-O) RF-C	Reported												
Arsenic, Total (as As)	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
Year Round													
Interim (Initial 36 months)													
01002 (ML-O) RF-C	Reported												
Arsenic, Total (as As)	Permit Limits	N/A	N/A			N/A	N/A	0.01 Max. Daily	N/A	mg/l		1/6 months	Grab
Year Round													
71900 (ML-O) RF-C	Reported												
Mercury, Total (as Hg)	Permit Limits	N/A	N/A			N/A	N/A	0.002 Max. Daily	N/A	mg/l		1/6 months	Grab
Year Round													
00951 (ML-O) RF-C	Reported												
Fluoride, Total	Permit Limits	N/A	N/A			N/A	N/A	4 Max. Daily	N/A	mg/l		1/6 months	Grab
Year Round													

* 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
MONITORING WELL REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CO

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 MW19

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01027 (ML-O) RF-C Cadmium, Total (as Cd) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.005 Max. Daily	N/A	mg/l		1/6 months	Grab
01051 (ML-O) RF-C Lead, Total (as Pb) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.015 Max. Daily	N/A	mg/l		1/6 months	Grab
01034 (ML-O) RF-C Chromium, Total (as Cr) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.1 Max. Daily	N/A	mg/l		1/6 months	Grab
01012 (ML-O) RF-C Beryllium, Total (as Be) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.004 Max. Daily	N/A	mg/l		1/6 months	Grab
01147 (ML-O) RF-C Selenium, Total (as Se) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.05 Max. Daily	N/A	mg/l		1/year	Grab
01007 (ML-O) RF-C Barium, Total (as Ba) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	2 Max. Daily	N/A	mg/l		1/6 months	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
MONITORING WELL REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW19](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL*	Units	N.E.		
01097 (ML-O) RF-C Antimony, Total (as Sb) Year Round	Reported								N/A	mg/l			
	Permit Limits	N/A	N/A			N/A	N/A	0.006 Max. Daily				1/6 months	Grab
01062 (ML-O) RF-C Molybdenum, Total (as Mo) Year Round	Reported								N/A	mg/l			
	Permit Limits	N/A	N/A			N/A	N/A	0.1 Max. Daily				1/6 months	Grab
00095 (ML-O) RF-C Specific Conductance Year Round	Reported								N/A	UMHO/CM			
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily				1/6 months	Grab
00011 (ML-O) RF-C Temperature, F Year Round	Reported								N/A	DEG.F			
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily				1/6 months	Grab
01059 (ML-O) RF-C Thallium, Total (as Tl) Year Round	Reported								N/A	mg/l			
	Permit Limits	N/A	N/A			N/A	N/A	0.002 Max. Daily				1/6 months	Grab
11503 (ML-O) RF-C Radium 226 and 228, Total Year Round	Reported								N/A	pCi/L			
	Permit Limits	N/A	N/A			N/A	N/A	5 Max. Daily				1/6 months	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	
		Signature of Principal Executive Officer or Authorized Agent 	
Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 MW19

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01037 (ML-O) RF-C Cobalt, Total (as Co) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.006 Max. Daily	N/A	mg/l		1/6 months	Grab
01132 (ML-O) RF-C Lithium, Total (as Li) Year Round Interim (Initial 36 months)	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01132 (ML-O) RF-C Lithium, Total (as Li) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.04 Max. Daily	N/A	mg/l		1/6 months	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	
		Signature of Principal Executive Officer or Authorized Agent 	
Title of Officer			

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

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW20](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00530 (ML-O) RF-C Total Suspended Solids Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00400 (ML-O) 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
01002 (ML-O) RF-C Arsenic, Total (as As) Year Round Interim (Initial 36 months)	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01002 (ML-O) RF-C Arsenic, Total (as As) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.01 Max. Daily	N/A	mg/l		1/6 months	Grab
71900 (ML-O) RF-C Mercury, Total (as Hg) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.002 Max. Daily	N/A	mg/l		1/6 months	Grab
00951 (ML-O) RF-C Fluoride, Total Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	4 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	
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STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
MONITORING WELL REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW20](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01027 (ML-O) RF-C Cadmium, Total (as Cd) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.005 Max. Daily	N/A	mg/l		1/6 months	Grab
01051 (ML-O) RF-C Lead, Total (as Pb) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.015 Max. Daily	N/A	mg/l		1/6 months	Grab
01034 (ML-O) RF-C Chromium, Total (as Cr) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.1 Max. Daily	N/A	mg/l		1/6 months	Grab
01012 (ML-O) RF-C Beryllium, Total (as Be) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.004 Max. Daily	N/A	mg/l		1/6 months	Grab
01147 (ML-O) RF-C Selenium, Total (as Se) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.05 Max. Daily	N/A	mg/l		1/6 months	Grab
01007 (ML-O) RF-C Barium, Total (as Ba) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	2 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	
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STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
MONITORING WELL REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW20](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01097 (ML-O) RF-C Antimony, Total (as Sb) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.006 Max. Daily	N/A	mg/l		1/6 months	Grab
01062 (ML-O) RF-C Molybdenum, Total (as Mo) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.1 Max. Daily	N/A	mg/l		1/6 months	Grab
00095 (ML-O) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
00011 (ML-O) RF-C Temperature, F Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	DEG.F		1/6 months	Grab
01059 (ML-O) RF-C Thallium, Total (as Tl) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.002 Max. Daily	N/A	mg/l		1/6 months	Grab
11503 (ML-O) RF-C Radium 226 and 228, Total Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	5 Max. Daily	N/A	pCi/L		1/6 months	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	
		Signature of Principal Executive Officer or Authorized Agent	
Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW20](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01037 (ML-O) RF-C Cobalt, Total (as Co) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.006 Max. Daily	N/A	mg/l		1/6 months	Grab
01132 (ML-O) RF-C Lithium, Total (as Li) Year Round Interim (Initial 36 months)	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01132 (ML-O) RF-C Lithium, Total (as Li) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.04 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	
		Signature of Principal Executive Officer or Authorized Agent	
Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW23](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00530 (ML-O) RF-C Total Suspended Solids Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00400 (ML-O) 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
01002 (ML-O) RF-C Arsenic, Total (as As) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.01 Max. Daily	N/A	mg/l		1/6 months	Grab
71900 (ML-O) RF-C Mercury, Total (as Hg) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.002 Max. Daily	N/A	mg/l		1/6 months	Grab
00951 (ML-O) RF-C Fluoride, Total Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	4 Max. Daily	N/A	mg/l		1/6 months	Grab
01027 (ML-O) RF-C Cadmium, Total (as Cd) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.005 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
MONITORING WELL REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW23](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01051 (ML-O) RF-C Lead, Total (as Pb) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.015 Max. Daily	N/A	mg/l		1/6 months	Grab
01034 (ML-O) RF-C Chromium, Total (as Cr) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.1 Max. Daily	N/A	mg/l		1/6 months	Grab
01012 (ML-O) RF-C Beryllium, Total (as Be) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.004 Max. Daily	N/A	mg/l		1/6 months	Grab
01147 (ML-O) RF-C Selenium, Total (as Se) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.05 Max. Daily	N/A	mg/l		1/6 months	Grab
01007 (ML-O) RF-C Barium, Total (as Ba) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	2 Max. Daily	N/A	mg/l		1/6 months	Grab
01097 (ML-O) RF-C Antimony, Total (as Sb) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.006 Max. Daily	N/A	mg/l		1/6 months	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	
		Signature of Principal Executive Officer or Authorized Agent 	
Title of Officer 			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW23](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL*	Units	N.E.		
01062 (ML-O) RF-C Molybdenum, Total (as Mo) Year Round	Reported								N/A	mg/l			Grab
	Permit Limits	N/A	N/A			N/A	N/A	0.1 Max. Daily				1/6 months	
00095 (ML-O) RF-C Specific Conductance Year Round	Reported								N/A	UMHO/CM			Grab
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily				1/6 months	
00011 (ML-O) RF-C Temperature, F Year Round	Reported								N/A	DEG.F			Grab
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily				1/6 months	
01059 (ML-O) RF-C Thallium, Total (as Tl) Year Round	Reported								N/A	mg/l			Grab
	Permit Limits	N/A	N/A			N/A	N/A	0.002 Max. Daily				1/6 months	
11503 (ML-O) RF-C Radium 226 and 228, Total Year Round	Reported								N/A	pCi/L			Grab
	Permit Limits	N/A	N/A			N/A	N/A	5 Max. Daily				1/6 months	
01037 (ML-O) RF-C Cobalt, Total (as Co) Year Round	Reported								N/A	mg/l			Grab
	Permit Limits	N/A	N/A			N/A	N/A	0.006 Max. Daily				1/6 months	

* 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
MONITORING WELL REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CO

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW23](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01132 (ML-O) RF-C	Reported												
Lithium, Total (as Li)	Permit Limits	N/A	N/A			N/A	N/A	0.04	N/A	mg/l		1/6 months	Grab
Year Round								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	
		Signature of Principal Executive Officer or Authorized Agent	
Title of Officer			

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.

STATE OF WEST VIRGINIA

**DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER & WASTE MANAGEMENT**

FACT SHEET

**Harrison CCR Disposal Facility
Permit Number: WV0075795**

NAME AND ADDRESS OF THE APPLICANT

First Energy Corporation
dba Allegheny Energy Supply Company, LLC
1803 Murdoch Avenue
Parkersburg, WV 26101

NAME AND ADDRESS OF THE FACILITY

Harrison Power Station CCR Landfill
State Route No. 20
Haywood, WV 26366

COUNTY

Harrison

GENERAL DESCRIPTION OF FACILITY

Non-commercial coal combustion byproduct disposal facility for fly ash, bottom ash, FGD scrubber by-product, FGD gypsum, and waste materials generated from the operation and maintenance of Harrison, Fort Martin, and Pleasants Power Stations.

TYPE AND QUANTITY OF SOLID WASTES

Below is a list of waste materials generated at the Harrison Power Station which have been approved for disposal at the Harrison Disposal Facility and their estimated annual quantities referenced in Permit Application No. WV0075795 dated March 17, 2021.

	Est. Quantities (tons/yr.)
Coal Ash (fly ash, bottom ash)	230,000
Flue Gas Desulphurization (FGD) Material	2,000,000
Construction/Demolition Materials	150
Excavated Soils (not contaminated with oil)	500
Boiler Refractory (ceramic base)	75
Wastewater lagoon sludge	65,000
Cooling Tower Basin Sludge	6,000

Settling Basin Sludge (river silt)	2
Coal Pile Sludge	50
Solids from surface impoundment cleanouts	15,000
Grit chamber sludge	450
Carbon, activated aluminas	8
Spent ion exchange resins	5
Abrasive Blasting Material	55
Screenhouse Debris (leaves, branches, etc.)	375
Lime from Plant Housekeeping	550
Lime grits and Slurry (>20% solids)	450
Pumphouse (collection vault) Sludge Cleanout	5
Basin cleanouts (treatment wetlands)	50
Acid Mine Drainage Sludge	5

Existing Permit No. WV0075795 authorized the disposal of the following wastes generated at the following First Energy Power Stations: 1) fly ash from the Fort Martin and Pleasants Power Stations, and 2) bottom ash from the Fort Martin and Pleasants Power Stations. It should be noted that since each of the above stations has a dedicated disposal facility, disposal will occur only in the unlikely event that one of the dedicated disposal facilities cannot be utilized. Per application dated March 17, 2021, the permittee has requested continued authorization to dispose of these materials.

BASIS FOR PERMIT CONDITIONS

Renewal (33CSR1 Subdivision 3.5.c. "Term of Permit")

Groundwater and Corrective Action / Remedy

The permittee supplied data on the CCR groundwater monitoring network and corrective action program due to promulgation of 33 CSR 1B effective March 1, 2022. The permittee submitted information indicating that an Assessment Monitoring program has been instituted at the site. The Assessment Monitoring program has been incorporated in the permit. Groundwater backgrounds were provided and Groundwater Protection Standards have been incorporated in Section(s) A and D of the permit.

Allegheny Energy initiated CCR Detection Monitoring in September of 2017 and transitioned to Assessment monitoring in 2018. Assessment monitoring identified arsenic, chromium, lead, molybdenum, selenium, and radium 226/228 above background. Arsenic and molybdenum were above groundwater protection standards. The permittee performed an Alternate Source Demonstration in 2019; however, did not identify a lone alternate source for molybdenum or arsenic.

Assessment of Corrective Action for arsenic impacts is required. For molybdenum, assessment of corrective action was also required unless justification and certification can be provided that indicates that molybdenum is present in the aquifer solely due to the construction of the

monitoring well. At the time of the original draft permit, sufficient documentation had not been provided to document that this is the case since the construction materials do not appear to have been evaluated. However, it is brought up during the comment period that the concentration in monitoring wells onsite have been below the preventative action limit for at least 3 years and therefore selection of a remedy would be moot. The permit has been revised to remove the requirement to assess corrective action and select a remedy for molybdenum. If the concentration of molybdenum shows an increasing trend or exhibits statistical significance above the preventative action limit, the permittee shall resume assessment of corrective action for molybdenum.

The site is currently assessing Corrective Action with intent to Select a Remedy in the near future for arsenic. The agency reviewed the provided documentation, the permittee installed a nature and extent groundwater well for arsenic in 2021 (MW-23). Based on the additional data from MW-23, the agency believes that migration of arsenic is occurring offsite in the direction of MW-23 above the arsenic background and likely above the MCL. There is also a potential for off site migration above background in the easterly direction from MW-20. 40 CFR 257.95(g)(2) requires notification of all persons who own the land or reside on the land that directly overlies any part of the plume of contamination if contaminants have migrated off-site if indicated by sampling of wells in accordance with paragraph 40 CFR 257(g)(1). The agency did not identify where notifications have been placed in the Operating Record. The agency also suggested that the permittee install a monitoring well east of MW-20 at the site border for nature and extent purposes unless justification can be provided that indicates that plume does not have a potential to move in this direction due to the geology / hydrogeology or other factors at the site. The permittee indicated that the area of the site is inaccessible. Regardless, the agency received input from USEPA on this issue during review of the comments submitted on the prior draft permit. USEPA provided the following feedback:

“We agree with additional wells – a well to the NE would provide delineation at MW-20 and confirm off site contamination. The plume really can’t be interpolated with accuracy in this direction without a constraining well. 257.95(g)(1)(i) requires installation of additional wells to define the contaminant plume. Without additional wells there’s no way to confirm if off site plume migration is occurring [sic] and therefore if notifications to adjacent property owners are required.”

Additional detections of cobalt, lead, lithium, and radium 226 / 228 above groundwater standards were detected in 2022. The permittee has indicated that the detections could potentially be related to outliers due to turbidity in the samples. While the data for cobalt, lead, and radium 226 / 228 appear to have significant effects due to turbidity, lithium in its dissolved phase (AM-10 @ MW-19 and AM-9 / 10 @ MW-20) is still above its groundwater standard. Therefore, lithium must be added to assessment of corrective measures since an alternative source has not been identified within the statutory deadline unless justification and certification can be provided that indicates that lithium is present in the aquifer solely due to the sampling issues during the Assessment Monitoring events.

Based on the above, Section D of the permit has been revised to incorporate specific requirements in the Assessment of Corrective Action process that the permittee does not appear to have performed within the required statutory timeframes. In addition, a deadline for

completion of Assessment of Corrective Action and Selection of a Remedy has been incorporated into the permit to make sure that remedy selection is selected in a reasonable timeframe. During the prior comment period the permittee requested additional time to complete Assessment of Corrective Action and selection of a Remedy. The permit has been revised to allow the additional time.

Narrative Water Quality

The permittee requested that acute toxicity limitations be imposed in lieu of imposition of narrative water quality for sulfate. Upon two successive exceedances of the limitations the permit shall develop narrative water quality based criteria to allow the agency to evaluate reasonable potential for sulfate.

Outlet 008 Mixing Zone

The granted mixing zone has not been revised from the prior draft permit.

Outlet 008 WQBELS

A reasonable potential analysis was evaluated on Outlet 008 discharge based on application of site specific mixing zone granted above. There was reasonable potential to exceed water quality criteria at the end of the pipe and at the edge of the site-specific mixing zone for fluoride and mercury. Background data in the receiving stream could not be located for hexavalent chromium, and nitrate and nitrite nitrogen therefore a mixing zone could not be granted. No mixing zone could be granted for iron due to its TMDLs for the West Fork River. Limitations in Section A.008 have been imposed.

Limitations for acute whole effluent toxicity have been imposed on the permittee's request in lieu of sulfate limitations.

Stormwater Outlets

Iron at Outlets 012, 013, 014, 015 and aluminum at Outlet 012 has been consistently reported above the water quality criteria from 2016 to present. This is a violation of 33 CSR 1, Section 4.5.b.3.A.3-4 and 40 CFR 257.81(b). Limitations for iron and aluminum have been imposed at these outlets. The permittee cannot consistently comply with the limitations and a 36 month compliance schedule has been granted at the request of the permittee. If the facility can show that the discharges are not related to solid waste facility operations, including haul road and/or discharge of groundwater impacts into the collection system of these outlets, the permittee may submit alternate source documentation and updates to its SWPPP during the compliance schedule period for reevaluation of the imposed limitations at these outlets. At a minimum, the

permittee must show that it is not the source of the impacts into the outlets and does not contribute to the impacts to these outlets for the agency to reconsider imposition of the limitations.

JUSTIFICATION FOR VARIANCES / WAIVERS

The following sections of Title 33, Series 1, Solid Waste Management Rule, are hereby waived: 3.2.c, 3.2.k, 4.6.b.1.C, 4.6.b.2.A, 4.6.b.2.B, and 4.12.b, and 4.12.f. The following section of Title 33, Series 1, Solid Waste Management Rule, is hereby modified: 4.12.g.

Sections 4.5.d.3, 4.5.d.4, and 4.5.d.5. of Title 33, Series 1, Solid Waste Management Rule, are waived for the areas of the Main Valley Disposal Area and the Upper Valley Disposal Area where fly ash has been previously disposed as depicted on Drawing Numbers C89502703 and C89502704 and are also waived for the area depicted on the drawing submitted with letter dated February 19, 2003 where ash was not previously disposed.

None of the waivers of these Sections in 33 CSR 1 waive the equivalent sections in 33 CSR 1B / 40 CFR 257 for Coal Combustion Residual (CCR) units.

PROCEDURES FOR REACHING A FINAL PERMIT DECISION

Pursuant to Section 3.21 of the Solid Waste Management Rule (SWMR), the permittee and public agencies are afforded thirty (30) days to review and comment on the application, the fact sheet, and the draft permit. A copy of these documents will be available for public review at the DEP, DWWM, 601 57th Street SE, Charleston, WV 25304.

The comment period will begin 12/20/2024 and end on 01/18/2025.

All relevant comments should be submitted in writing to the attention of:

Mr. Hiral Kukkillaya
Division of Water and Waste Management
Solid Waste Management
601 57th Street SE
Charleston, WV 25304
hiral.kukkillaya@wv.gov

During this thirty (30) day comment period any person may request a public hearing. If requested, a notice of the hearing will be given thirty (30) days before the scheduled public hearing. The Director will consider the following in the permitting decision: 1) written comments received during the comment period, 2) oral or written statements received during the public hearing (if held), and 3) relevant statutory and legislative rule requirements of 33CSR1 "Solid Waste Management Rule". Prior to final issuance, the Applicant shall respond to all comments received in the public participation file. The response will briefly describe and address all comments raised during the public comment period or during the public hearing. The

response to comments will also specify which provisions, if any, of the draft permit have been changed and the reasons for the change. The response to comments shall be sent to any person who requested the response, and all responses will be incorporated into the public participation file and mailed to the Director at which time the Director will issue a final permit decision. The permit shall become effective thirty (30) days after issuance by the Director.

January 29, 2025

Via email (hiral.kukkillaya@wv.gov) and hand delivery

Division of Water and Waste Management, DEP
Attn: Hiral Kukkillaya, Solid Waste Permitting Unit
601 57th Street SE
Charleston, WV 25304-2345

**RE: Comments of Monongahela Power Company on Draft NPDES Permit
No. WV0075795 published December 20, 2024 for Harrison CCR Landfill,
Harrison County, Haywood, West Virginia**

Dear Hiral:

Monongahela Power Company (“MonPower”), a FirstEnergy company, hereby submits the following comments on the draft WV/NPDES Permit No. WV0075795 (the “Draft Permit”) for the Harrison Landfill (“Harrison” or the “Landfill”), located in Haywood, Harrison County, West Virginia. The Draft Permit was issued for public comment by the West Virginia Department of Environmental Protection (“WVDEP” or the “Department”) on December 20, 2024. By email dated January 8, 2025, WVDEP extended the deadline for MonPower to submit comments on the Draft Permit until February 18, 2025.

MonPower very much appreciates the agency’s work in preparing the Draft Permit and the opportunity to submit comments on the Draft Permit.

I. Cover page and Fact Sheet.

The cover page of the Draft Permit states that it supersedes Permit No. WV0005339. This is incorrect. Permit No. WV0005339 governs a different facility and should remain in force once the Draft Permit is finalized. This should state that it supersedes “Permit No. WV0075795 dated September 19, 2016.” The address for MonPower is also incorrect. The correct address is 5001 NASA Blvd., Fairmont, WV 26554.

The Fact Sheet identifies First Energy Corporation d/b/a Allegheny Energy Supply Company, LLC as the applicant. The correct applicant is Monongahela Power Company, a FirstEnergy company, with an address of 5001 NASA Blvd., Fairmont, WV 26554. MonPower asks that the Fact Sheet be revised accordingly.

II. Surface water issues.

MonPower has identified the following areas of comment that involve aspects of the Draft Permit addressing surface water. Comments on groundwater aspects of the Draft Permit are reflected in Section III.

A. Acute toxicity limits at Outlet 008

MonPower has two comments on the proposed acute toxicity limits.

1. Mixing Zone used to calculate limits.

The Draft Permit proposes acute toxicity limits at Outlet 008 of 0.28 TUa monthly average and 0.57 TUa daily maximum for *Ceriodaphnia dubia* and *Pimephales promelas*. These proposed limits are unnecessarily stringent. MonPower understands that the limits were derived from an acute (ZID) dilution factor of 1.9. However, based on the Department's modeling, the largest allowable ZID is only 1.7 ft from the diffuser in any direction at which point 5.4 dilutions are available. Given the extremely small size of the maximum allowable ZID (i.e. 1.7 ft), MPC believes it would be appropriate to use the corresponding available dilution (5.4 dilutions at 1.7 ft) to calculate acute toxicity limits. Using 5.4 dilutions, the limits would be 0.8 TUa monthly average and 1.6 TUa daily maximum. Accordingly, MPC requests that the acute toxicity limits in Section A be changed to 0.8 TUa monthly average and 1.6 TUa daily maximum, and that Section C. 25 be revised as follows:

Section C. 25. In the event of two successive exceedances of an acute whole effluent toxicity value of 1.6 TUa max daily the permittee shall submit...

2. Compliance determination.

As explained in permit Section C.26., a TUa value below 1.0 cannot be calculated. Accordingly, the permit should contain an explicit statement that any TUa value reported as < 1.0 will be considered in compliance with the effluent limits for acute toxicity. The final permit for the facility issued by the Department in 2016 contained such a provision. In addition, the 2016 final permit contained explicit directions for calculating monthly averages for acute toxicity. Both of these conditions are provided below for reference, and MonPower requests that these conditions be included in the renewal permit at Section C.26. f and g.

Final NPDES Permit No. WV0075795 Issued September 16, 2016, Section C.28.:

- iii) When averaging values of analytical results for DMR reporting purposes for monthly averages, the permittee shall use actual toxicity results when these results are greater than or equal to one (1) TUa and shall use zero (0) when these results are less than one (1) TUa. If all analytical results are less than one (1) TUa, then the permittee shall report the average monthly result as less than one (1) TUa.
- iv) Any result reported as less than one (1) TUa shall be deemed to be compliant with both the average monthly and maximum daily toxicity effluent limitations prescribed in Section A of this permit.

B. Compliance schedule for boron at Outlet 008.

Section A of the Draft Permit reflects boron as “report only” for the duration of the permit term at Outlet 008. However, the Schedule of Compliance in Section B calls for submission of a progress report within 24 months summarizing “actions taken and additional actions to be taken in the future to achieve compliance with the final effluent limitations for boron at Outlet 008.” Since the Draft Permit does not establish an effluent limit for boron, the Schedule of Compliance should be revised to omit any requirement for submission of a report addressing actions to achieve compliance with boron limits.

C. Compliance schedule and effluent limits for haul road Outlets 012, 013, 014, and 015.

The Draft Permit establishes a compliance schedule followed by implementation of effluent limits for aluminum at Outlet 012 and for iron at Outlets 012, 013, 014, and 015. The Draft Permit reflects two different, and inconsistent, compliance schedules. The permit limits in Section A of the Draft Permit reflect an interim “report only” period of 24 months after which limits become effective. However, the Schedule of Compliance in Section B reflects a 36-month period to achieve compliance with final aluminum and iron limits.

For all the reasons outlined in MonPower’s comment letters dated May 28, 2024, July 15, 2024, and October 4, 2024 addressing a previous version of the Draft Permit, which are incorporated here by reference, effluent limits for aluminum at Outlet 012 and iron limits at Outlets 012, 013, 014, and 015 should be omitted in a final version of the permit. MonPower has already demonstrated that the discharges from these outlets are not related to the solid waste facility operations.

If final limits remain in the final version of the permit, MonPower asks that Section A be revised to reflect an interim “report only” period of 36 months for aluminum at Outlet 012 and for iron at Outlets 012, 013, 014, and 015, to be consistent with the 36-month Schedule of Compliance set forth in Section B.

With respect to the source of the aluminum and iron at these outlets, the Fact Sheet for the Draft Permit notes the following:

If the facility can show that the discharges are not related to solid waste facility operations, including haul road and/or discharge of groundwater impacts into the collection system of these outlets, the permittee may submit alternate source documentation and updates to its SWPPP during the compliance schedule period for reevaluation of the imposed limitations at these outlets.

MonPower appreciates the agency’s recognition of MonPower’s position that the source of the aluminum and iron in the discharges from Outlets 012, 013, 014, and 015 is not operations of the solid waste facility. While MonPower believes it has already made this demonstration in its prior comment letters, MonPower intends to submit “alternate source documentation and updates to its SWPPP during the compliance schedule period for reevaluation of the imposed limitations at these outlets.” MonPower proposes that the Schedule of Compliance be revised as set forth in the attached Exhibit 1, which reflects proposed revisions in redline, to acknowledge this option.

Since MonPower cannot control the timing of WVDEP's processing of such a submission and reevaluation of the effluent limits, the proposed schedule establishes a time period for MonPower to achieve compliance with revised limits, if any, that the agency may develop following submission of the alternate source documentation and updates to the SWPPP.

D. Addition of monitoring requirements at storm water Outlet 022.

The Draft Permit imposes monitoring requirements at storm water Outlet 022, described as a 24-inch corrugated metal pipe with discharges from Sedimentation Basin C, for the following parameters: flow, total suspended solids, pH, aluminum, iron, and manganese. The Fact Sheet provides no explanation for why these monitoring requirements were imposed – especially since the requirements did not exist in the previous version of the permit. The drainage basin for Outlet 022 is not associated with industrial activity. Rather, the drainage basin for Outlet 022 formerly served to manage erosion and sediment during the construction phase of the engineered wetlands that serve as part of the treatment system for water that drains into Outlet 008. Those wetlands were completed and placed into service in 2003. Outlet 022 has not served any erosion or sediment control function since then, and no industrial activity takes place in the drainage basin. The monitoring requirements for Outlet 022 should therefore be removed.

III. Groundwater issues.

MonPower has identified the following areas of comment that involve aspects of the Draft Permit addressing groundwater.

A. Assessments of Corrective Measures (“ACM”) for lithium and arsenic.

Section B.1 of the Draft Permit would require MonPower to complete, within 24 months of permit issuance, an ACM for arsenic and lithium. Twelve months later, MonPower would be required to select a remedy for impacts of these substances at the facility. MonPower addresses each substance in turn below followed by a discussion of remedy selection.

1. Arsenic ACM

MonPower completed an ACM for arsenic in 2019, which met the CCR Rule regulatory deadline at 40 C.F.R. § 257.96(a). There is no need to perform another ACM for arsenic, so arsenic should be removed from the ACM requirement in Section B (Schedule of Compliance) and in Section D.2.c.(1).

2. Lithium ACM

MonPower is in the process of performing an “alternate source demonstration” (“ASD”) for lithium. The monitoring wells used to collect samples typically exhibit low water volumes, which requires the use of a “bailer” to collect samples. This sample collection method often creates turbidity in the limited volume of available water from which to collect samples. MonPower believes that the concentrations of lithium reported in laboratory analyses are a function of turbidity of the samples rather than actual concentrations of lithium in the groundwater.

MonPower requests additional time to complete an ASD for lithium before being required to complete an ACM for lithium. Specifically, as shown in the proposed revised Schedule of Compliance (Exhibit 1), MonPower requests 18 months after the effective date of the permit to complete the ASD. If MonPower establishes an alternate source for lithium, no ACM should be required. If MonPower does not establish an alternate source for lithium, an ACM could be required with a completion deadline of 18 months after DEP's decision on the ASD.

B. Alternative Source Demonstration (“ASD”) for Appendix III parameters.

Section D of the Draft Permit governs groundwater monitoring. Under Section D.1.e, the permittee must establish an assessment monitoring program in the event of a statistically significant increase (SSI) over background concentrations for certain parameters. Once the concentration of parameters listed in Appendices III and IV of the CCR rule (40 CFR Part 257) are at or below background concentration values for two consecutive sampling events, the permittee may return to detection monitoring. Assessment monitoring must continue if concentrations exceed background levels but are below GWPS.

The Draft Permit omits an important aspect of a monitoring program authorized by the CCR rule: performing an alternative source demonstration (ASD). 40 CFR § 257.71(d)(2)(ix)(A)(4) expressly grants the permittee an option to pursue an ASD in the event of a statistically significant increase over background levels for a parameter listed in Appendix III of the CCR rule.

The owner or operator may elect to pursue an alternative source demonstration pursuant to § 257.94(e)(2) that a source other than the CCR unit caused the contamination, or that the statistically significant increase resulted from error in sampling, analysis, statistical evaluation, or natural variation in groundwater quality, provided that such alternative source demonstration must be conducted simultaneously with the sampling and analysis required by paragraph (d)(2)(ix)(A)(3) of this section.

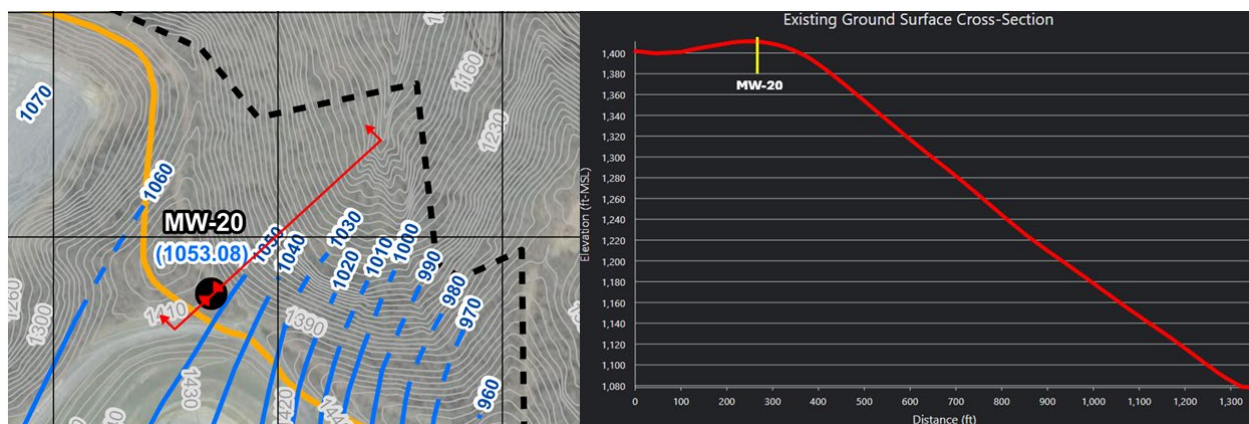
To avoid any doubt or potential confusion, Section D.1 of the final permit should include the following language:

In the event of a conflict between the requirements established in this Section D.1. and the requirements established in 40 C.F.R. §§ 257.90 – 257.98, the requirements of 40 C.F.R. §§ 257.90 – 257.98 shall control.

C. Drilling additional groundwater monitoring wells downgradient of MW-20.

Section D.2.c.1 of the Draft Permit states the following: “The permittee shall install additional downgradient wells to delineate the nature and extent of impacts of arsenic and lithium or provide justification of why additional delineation is not necessary.” As noted in MonPower’s July 15, 2024 supplemental comment letter, MonPower understood that such a requirement would not be included in the Draft Permit. MonPower is in the process of performing an ASD for lithium. MonPower should be afforded an opportunity to demonstrate an alternate source of lithium before installing additional groundwater monitoring wells.

Additionally, it is not practical to install a new monitoring well in this direction. There are a combination of factors that must be considered in order to locate, install, and access monitoring wells that will provide useful and relevant data. Steep terrain severely restricts installation of downgradient wells – whether they are waste boundary wells (the de facto position under the federal CCR rule) or step-out (“nature and extent of release” [N&E]) wells. These topographic and regulatory restrictions limit positioning such wells along the ridgeline surrounding most of the site. However, multiple high-pressure natural gas transmission lines run along the ridgeline. Multiple unmapped gas gathering lines also run along the ridgeline and in the adjoining valleys. These pipelines further limit where wells can be installed. These restrictions come into play with respect to the Department’s request to install a new downgradient well to the east of existing well MW-20. As previously noted, the terrain in the valley located east of MW-20 is very steep (overall slope of approximately 33%) as shown in the cross-section below:



These topographic conditions make it impractical to install a new monitoring well in this direction. Additional complicating factors are the low yield of the monitored aquifer (Lower Sewickley Sandstone [LSS]) and the potential for groundwater drainage into the underlying mined out Pittsburgh Coal workings that underlie the entire site. Since groundwater characterization and monitoring commenced at the site in the early 1990’s, drilling dry boreholes or existing wells going dry has been a common occurrence, as has occurred with off-site N&E well MW-23. As such, even when well positioning can be achieved that addresses topographic and utility restrictions while meeting technical and regulatory compliance objectives, there is a low probability of installing a viable well in the LSS, with the next likely deeper groundwater being the abandoned Pittsburgh Coal mine workings.

In an effort to increase the volume of produced water, MonPower is presently evaluating whether to install one or more new downgradient wells positioned north-northwest or to the southeast of MW-20 (along the ridgeline) and to replace off-site well MW-23 with a nearby off-site N&E well. With respect to MW-20, this is a much more feasible and practical approach than drilling a new well to the east of MW-20. This option should provide additional data to refine the groundwater flow mapping and allow for additional sampling along that portion of the site. With respect to MW-23, should a replacement well be able to be installed that produces enough water to be continuously sampled, it would provide data that would allow for confirmation that no off-site exceedances of GWPS is occurring, as the data obtained before the well went dry indicated. For additional information regarding the site hydrogeologic characteristics noted above, please

refer to Section 4.1 of the Harrison CCB Landfill Assessment of Corrective Measures Report (Tetra Tech, October 2019). A courtesy copy is included with this comment letter.

D. Reporting frequency for groundwater monitoring.

Section A of the Draft Permit includes erroneous average monthly reporting requirements for total suspended solids, mercury, selenium, and radium at monitoring well MW-05. No other monitoring well has average monthly reporting requirements, which are inapplicable for monitoring wells. MonPower requests that WVDEP remove the average monthly reporting requirements at MW-05 from the final permit.

Section A of the Draft Permit also erroneously lists the monitoring frequency for selenium at MW-19 as once per year. MonPower believes the monitoring frequency should be once every six months to match the frequency applied to the other monitoring wells and associated parameters.

E. Groundwater flow rate and direction reporting.

Sections C.2.b.8 and D.1.c of the Draft Permit would require the permittee to annually report groundwater flow rate and direction in the uppermost significant aquifer. During each sampling event, the water levels in each well are measured which allows for evaluation and reporting of groundwater flow direction and hydraulic gradients. However, groundwater hydraulic conductivity tests (e.g., slug tests, pump tests, etc.) are not routinely performed once characterization of a site's aquifer has been completed. Groundwater flow rates can be provided annually based on updated hydraulic gradients but using the hydraulic conductivity values already established during previous studies at the site. See Section 4.1 of the Harrison CCB Landfill Assessment of Corrective Measures Report (Tetra Tech, October 2019). Based on discussions with agency representatives, MonPower understands that this will be sufficient to comply with the requirements.

F. Applicability of both 33 CSR 1 (landfills in general) and 33 CSR 1B (incorporation of federal CCR rule).

Section D.1.i of the Draft Permit states: "Nothing in this Section D.1 shall relieve the permittee from compliance with the latest effective [sic] revision of 40 CFR 257.90-98. In situations where the equivalent part of Section D and the latest effective version of CFR 257.90-98 differ the permittee shall comply with 40 CFR 257.90-98." We view this as WVDEP's recognition that the federal CCR rules establish the applicable requirements in the event of a conflict with the permit. MonPower asks that both Section C and Section D be revised as follows to more clearly state the apparent intent of the provision:

In the event of a conflict between the requirements established in this Section and the requirements established in 40 C.F.R. Part 257, the requirements of 40 C.F.R. Part 257 shall control.

G. Monitoring Well No. 23

Section A of the Draft Permit sets forth monitoring requirements and concentration limits applicable to MW-23. However, Section D of the Draft Permit does not mention MW-23. MonPower requests that the final permit clarify whether Section D applies to MW-23.

III. Conclusion.

We thank the agency in advance for its consideration of the comments set forth above. We would be happy to answer any questions or provide further information upon request.

Sincerely,



Carol L. Trembly

Supervisor, Water, SPCC and Environmental Services
Monongahela Power Company

cc: James A. Meade, Esq.
Mark Amendola, P.E.



west virginia department of environmental protection

Division of Water and Waste Management
601 57th Street SE
Charleston, West Virginia 25304-2345
Phone: 304-926-0495
Fax: 304-926-0463

Harold D. Ward, Cabinet Secretary
<https://dep.wv.gov>

February 19, 2025

ENVIRONMENTAL GROUP
MONONGAHELA POWER COMPANY
341 WHITE POND DRIVE
AKRON, OH 44320-0000

CERTIFIED RETURN RECEIPT REQUESTED

Dear Permittee:

Enclosed please find Solid Waste/NPDES Permit Number WV0075795 dated February 19, 2025.

Monongahela Power Company's comments were received by letter dated January 29, 2025. The following is the agency's response to these comments regarding the draft permit that went to public notice on December 20, 2024.

Comment No. 1 : Cover Page and Fact Sheet

The cover page typographical errors have been corrected. An amended fact sheet has been issued with the final permit.

Comment No. 2 : Surface Water Issues

The agency believes the imposed mixing zone and effluent limitations are appropriate.

The compliance determination for acute toxicity (i.e. must be > than 1.0 TUa) is addressed in Section C.25 in the draft permit.

The typographical error in the compliance schedule for boron has been corrected.

The mismatched compliance schedule lengths for iron and aluminum at in Sections A.012, 013, 014, and 015 and Section B has been corrected. Do note that MonPower's statement concerning the agency's recognition of the source of the iron and aluminum is incorrect. The agency at no point has indicated agreement with the source of iron and aluminum in these outlets. MonPower has only submitted anecdotal evidence in the past of the source of iron and aluminum at which a conclusion by the agency would be premature. Regardless, MonPower is discharging iron and aluminum from these point source discharges above a water quality criteria and the compliance schedule in Section B of the permit is imposed to compel compliance.

The monitoring for Outlet 022 was imposed in the previous draft permit dated 03/27/2024. No change at this outlet has been made between the prior draft and this draft of the permit. The agency believes the monitoring is appropriate.

Comment No. 3 : Groundwater Issues

The agency believes the ACM requirements for arsenic and lithium are appropriate.

If the permittee believes that Assessment of Corrective Measures is complete and it has added the ACM to the Operating Record then they have satisfied that part of the compliance schedule and can proceed to a public hearing and selection of remedy. Compliance schedule dates in Section B are "on or before" so if the permittee completes the item before the deadline then it is considered satisfied on that date. That said, the agency is not aware of the permittee identifying the time required to start the selected remedy and to end the selected remedy which is required by 40 CFR 257.96(c)(2) since the permittee, to the knowledge of the agency, has not held a public hearing and formally selected a remedy.

The statutory time limit for an Alternate Source Demonstration for Lithium has passed per 40 CFR 257.94(d)(2), which is 90 days. That said, if the permittee shows that the lithium contamination 100% originates from a source that is not the landfill, they can account for the additional source in the ACM and remedy selection. As such, the agency believes that the requirements are appropriate and consistent with 40 CFR 257.

The agency believes that Section D.1.i covers the concern in the differences between the federal and state groundwater monitoring rules.

Since MW-23 is outside of the point of compliance, it is not listed in Section D.1 or D.2; however, upon selection of a remedy, the monitoring well may need to be required to assess the effectiveness of the remedy or if concentrations were to exceed groundwater standards be addressed directly in the remedy; therefore, it has been incorporated in Section A of the permit to collect data for future evaluations. Limitations were a result of a typographical error that was not identified in the first draft permit. The error has been corrected in the final permit.

Please note that a Discharge Monitoring Report (DMR) is to be completed and submitted to this Division each month.

February 19, 2025

Finally note that copies of all future correspondence regarding the permit must be forwarded to the Field Inspector and Field Supervisor at the following address:

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

Also, please note the attachment to this permit which describes the annual permit fee requirement. Reissuance of your permit does not change the annual fee billing cycle.

If you have any questions, please contact Christina Facemyer of this Division at (304) 926-0499 at extension 43845, or by email at christina.facemyer@wv.gov.

Sincerely,

Jeremy W. Bandy
Director

JWB:cf

Enclosures

Permit Number: WV0075795

Permittee: MONONGAHELA POWER COMPANY

cc: Env. Insp. Supv.
Env. Insp.



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

SOLID WASTE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
WATER POLLUTION CONTROL PERMIT

NPDES PERMIT NO.: WV0075795

SUBJECT: Solid Industrial Waste

ISSUE DATE: February 19, 2025

EFFECTIVE DATE : April 01, 2025

EXPIRATION DATE: February 18, 2030

SUPERSEDES: Permit No. WV0075795
dated September 30, 2016

LOCATION: HAYWOOD
(City)

Harrison
(County)

West Fork River
(Drainage Basin)

See the next page for a list of Outlets.

TO WHOM IT MAY CONCERN:

This is to certify that: MONONGAHELA POWER COMPANY
5001 NASA Blvd
FAIRMONT, WV 26101

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

Construct, operate, and maintain industrial solid waste disposal areas, referenced as the Lower Area, Main Area, and Upper Area, and best management practices in the drainage basin of Pigott's Run, a tributary of Robinson Run, a tributary of the West Fork River, a tributary of the Monongahela River, for the disposal of fly ash, bottom ash, flue gas desulfurization (FGD) material, and miscellaneous wastes (construction/demolition debris, wastewater treatment sludge, and other solid wastes) all of which are generated at the Harrison Power Station. As well as for the disposal of the following wastes generated at the following First Energy Power Stations: 1) fly ash from the Fort Martin and Pleasants Power Stations, and 2) bottom ash from the Fort Martin and Pleasants Power Stations.

Operate and maintain collection and treatment systems (leachate collection system, Surface Impoundment No. 1, constructed wetland treatment system) and best management practices for the direct discharge of treated effluent (stormwater runoff and leachate) into the waters of the West Fork River, a tributary of the Monongahela River (Outlet 008) near river point 19.9.

Operate and maintain a collection and treatment system and best management practices for the disposal of treated effluent (stormwater) from the Main Area and the Upper Area to flow into the waters of Robinson Run, a tributary of the West Fork River, a tributary of the Monongahela River (Outlet 018).

Operate and maintain a collection system and best management practices for the disposal of untreated effluent (stormwater runoff) from the disposal area haul road to flow into the waters of Robinson Run, a tributary of the West Fork River, a tributary of the Monongahela River (Outlet 012), and into the waters of the West Fork River, a tributary of the Monongahela River (Outlets 013, 014, and 015) near river mile point 19.

Operate and maintain a collection and treatment system for the disposal of treated effluent (non-contact stormwater runoff) directly into an unnamed tributary of Robinson Run, a tributary of the West Fork River, a tributary of the Monongahela River (Outlets 022 and 023).

This permit is subject to the following terms and conditions :

The information submitted on and with Permit Application Numbers WV0075795 dated the 26th day of February 1998, the 4th day of March 1998, the 26th day of May 2004, the 28th day of January 2011, the 19th day of February 2016, and the 17th day of March 2021; and the additional information submitted on and with letters, reports, certified designs, and permit modification applications dated the 27th of November 2002, the 19th of February 2003, the 18th of November 2004, the 30th of January 2009, and March 2024 (Phase 7 expansion, revised May 2024) are all hereby made terms and conditions of this Permit with like effect as if all such permit application information were set forth herein and with other conditions set forth in Sections A, B, C and D, 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
008	39°23'20"	80°19'22"	WEST FORK RV	N/A	N/A
012	39°23'27"	80°19'21"	ROBINSON RN	N/A	N/A
013	39°23'21"	80°19'23"	WEST FORK RV	N/A	N/A
014	39°23'21"	80°19'35"	WEST FORK RV	N/A	N/A
015	39°23'21"	80°19'41"	WEST FORK RV	N/A	N/A
018	39°23'36"	80°19'29"	ROBINSON RN	N/A	N/A
022	39°23'39"	80°19'17"	Unnamed Tributary Of ROBINSON RN	N/A	N/A
023	39°23'52"	80°20'06"	Unnamed Tributary Of ROBINSON RN -- No Monitoring Required	N/A	N/A
LM01	39°23'55"	80°19'27"	N/A	N/A	N/A
LM02	39°23'55"	80°19'28"	N/A	N/A	N/A
LM03	39°23'55"	80°19'31"	N/A	N/A	N/A
LM04	39°23'55"	80°19'31"	N/A	N/A	N/A
LM05	39°23'00"	80°19'19"	N/A	N/A	N/A
LM06	39°24'00"	80°19'19"	N/A	N/A	N/A
LM07	39°23'54"	80°19'33"	N/A	N/A	N/A
LM08	39°23'54"	80°19'33"	N/A	N/A	N/A
LM09	39°23'54"	80°19'33"	N/A	N/A	N/A
LM10	39°23'54"	80°19'33"	N/A	N/A	N/A
LM11	39°23'35"	80°19'28"	N/A	N/A	N/A
LM12	39°23'35"	80°19'28"	N/A	N/A	N/A
LM13	39°23'47"	80°19'15"	N/A	N/A	N/A
LM14	39°23'47"	80°19'12"	N/A	N/A	N/A
LM15	39°23'45"	80°19'09"	N/A	N/A	N/A
LM16	39°23'45"	80°19'13"	N/A	N/A	N/A
LM17	39°23'44"	80°19'17"	N/A	N/A	N/A
LM18	39°23'42"	80°19'08"	N/A	N/A	N/A
LM19	39°23'42"	80°19'13"	N/A	N/A	N/A
LM20	39°23'42"	80°19'13"	N/A	N/A	N/A
LM21	39°23'41"	80°19'17"	N/A	N/A	N/A

Inspectable Unit	Latitude	Longitude	Receiving Stream	Dist. to Stream Mouth (in Mile)	Milepost
MW05	39°23'27"	80°19'23"	N/A	N/A	N/A
MW17	39°23'56"	80°19'21"	N/A	N/A	N/A
MW18	39°24'03"	80°19'15"	N/A	N/A	N/A
MW19	39°24'21"	80°19'11"	N/A	N/A	N/A
MW20	39°24'28"	80°19'26"	N/A	N/A	N/A
MW23	39°24'15"	80°18'54"	N/A	N/A	N/A

A.008 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) 008 (Storm Water Runoff, Process Water)

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>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</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	35 Avg. Monthly	70 Max. Daily	mg/l	1/month	Grab
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
00610 - (Ammonia Nitrogen) (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
00620 - (Nitrogen Nitrate) (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
00615 - (Nitrogen Nitrite) (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
01002 - (Arsenic, Total (as As)) (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
01032 - (Chromium, Hexavalent) (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):

Outlet 008, Manhole 1-A. Flow weighted composite sample obtained from the discharges from Cell C of Surface Impoundment No. 1, the constructed wetland treatment system, and the sediment trap located at the southeast side of the haul road bridge

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

Page No.: 5 of 103

Permit No.: WV0075795

A.008 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) 008 (Storm Water Runoff, Process Water)

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>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>					
71900 - (Mercury, Total (as Hg)) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	N/A	0.000071 Avg. Monthly	0.00021 Max. Daily	mg/l	1/month	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-A)	N/A	N/A	N/A	N/A	1.1 Avg. Monthly	2.8 Max. Daily	mg/l	1/month	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
00951 - (Fluoride, Total) (Year Round) (ML-1) (RF-B)	N/A	N/A	N/A	N/A	16 Avg. Monthly	30 Max. Daily	mg/l	1/quarter	Grab
61425 - (Acute Tox - Ceriodaphnia Dub. (Year Round) (ML-1) (RF-D)	N/A	N/A	N/A	N/A	0.28 Avg. Monthly	0.57 Max. Daily	TUa	1/year	8 hr comp
See Section C.25									
61427 - (Acute Toxicity - Pimephales) (Year Round) (ML-1) (RF-D)	N/A	N/A	N/A	N/A	0.28 Avg. Monthly	0.57 Max. Daily	TUa	1/year	8 hr comp
61426 - (Chronic Tox-Ceriodaphnia Dub. (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	8 hr comp
See Section C.25									

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

Outlet 008, Manhole 1-A. Flow weighted composite sample obtained from the discharges from Cell C of Surface Impoundment No. 1, the constructed wetland treatment system, and the sediment trap located at the southeast side of the haul road bridge

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

A.008 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) 008 (Storm Water Runoff, Process Water)

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

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>						<u>Units</u>	<u>Monitoring Requirements</u>	
	<u>Quantity</u>		<u>Units</u>					<u>Measurement Frequency</u>	<u>Sample Type</u>
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	8 hr comp
01147 - (Selenium, Total (as Se)) (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
70295 - (Solids, Total Dissolved (TDS)) (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
01022 - (Boron, Total (as B)) (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
01062 - (Molybdenum, Total (as Mo)) (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
11123 - (Total Recov. Manganese) (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
01087 - (Vanadium, Total (as V)) (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
81020 - (Sulfate) (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	Grab

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

Outlet 008, Manhole 1-A. Flow weighted composite sample obtained from the discharges from Cell C of Surface Impoundment No. 1, the constructed wetland treatment system, and the sediment trap located at the southeast side of the haul road bridge

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

A.008 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) 008 (Storm Water Runoff, Process Water)

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

Such discharges shall be limited and monitored by the permittee as specified below:								<u>Monitoring Requirements</u>	
<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>								
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>		<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	
01152 - (Total Titanium (as TI)) (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):

Outlet 008, Manhole 1-A. Flow weighted composite sample obtained from the discharges from Cell C of Surface Impoundment No. 1, the constructed wetland treatment system, and the sediment trap located at the southeast side of the haul road bridge

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

Page No.: 8 of 103

Permit No.: WV0075795

A.012 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) 012 (Storm Water Runoff, 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-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
01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-B) Interim: 4/1/2025 to 3/31/2028	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: 04/01/2028 to 2/18/2030	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	0.75 Max. Daily	mg/l	1/quarter	Grab
00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-B) Interim: 4/1/2025 to 3/31/2028	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) Final: 04/01/2028 to 2/18/2030	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	1.5 Max. Daily	mg/l	1/quarter	Grab
11123 - (Total Recov. Manganese) (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):

Outlet No. 012, a 30" reinforced concrete pipe which carries effluent from stormwater inlets SI-9, SI-10, and SI-24.

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

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Permit No.: WV0075795

A.013 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) 013 (Storm Water Runoff, 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-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
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) Interim: 4/1/2025 to 3/31/2028	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) Final: 04/01/2028 to 2/18/2030	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	1.5 Max. Daily	mg/l	1/quarter	Grab
11123 - (Total Recov. Manganese) (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):

Outlet No. 013, a 24" reinforced concrete pipe which carries effluent from stormwater inlets SI-7 and SI-8.

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

A.014 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) 014 (Storm Water Runoff, 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>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</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
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) Interim: 4/1/2025 to 3/31/2028	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) Final: 04/01/2028 to 2/18/2030	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	1.5 Max. Daily	mg/l	1/quarter	Grab
11123 - (Total Recov. Manganese) (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):

Outlet No. 014, a 30" reinforced concrete pipe discharging effluent from stormwater inlets SI-4, SI-5, and SI-6.

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 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) 015 (Storm Water Runoff, 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-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
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) Interim: 4/1/2025 to 3/31/2028	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) Final: 04/01/2028 to 2/18/2030	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	1.5 Max. Daily	mg/l	1/quarter	Grab
11123 - (Total Recov. Manganese) (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):

Outlet No. 015, a 30" reinforced concrete pipe carrying effluent from stormwater inlets SI-2 and SI-3.

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

A.018 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) 018 (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-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	Rpt Only Avg. Monthly	Rpt Only Max. Daily	mg/l	1/month	Grab
00400 - (pH) (Year Round) (ML-1) (RF-A)	N/A	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	S.U.	1/month	Grab
00620 - (Nitrogen Nitrate) (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	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	Grab
01002 - (Arsenic, Total (as As)) (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	Grab
01032 - (Chromium, Hexavalent) (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	Grab
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	Grab

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

Outlet No. 018, an 84" reinforced concrete pipe

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

A.018 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) 018 (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>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>					
00980 - (Iron, 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	Grab
00940 - (Chloride (as Cl)) (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	Grab
00951 - (Fluoride, Total) (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	Grab
01147 - (Selenium, Total (as Se)) (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	Grab
70295 - (Solids, Total Dissolved (TDS)) (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	Grab
01062 - (Molybdenum, Total (as Mo)) (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	Grab
82057 - (Boron, Total) (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	Grab
11123 - (Total Recov. Manganese) (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	Grab

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

Outlet No. 018, an 84" reinforced concrete pipe

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

A.018 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) 018 (Storm Water Runoff)

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

Such discharges shall be limited and monitored by the permittee as specified below:								Monitoring Requirements	
Effluent Characteristic	Discharge Limitations								
	Quantity		Units	Other Units		Units	Measurement Frequency	Sample Type	
81020 - (Sulfate)	N/A	N/A	N/A	N/A	Rpt Only	Rpt Only	mg/l	1/month	Grab
(Year Round) (ML-1) (RF-A)					Avg. Monthly	Max. Daily			

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

Outlet No. 018, an 84" reinforced concrete pipe

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 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) 022 (Storm Water Runoff, 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-C)	N/A	N/A	N/A	N/A	N/A	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	N/A	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
01104 - (Aluminum, Total Recoverable) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
00980 - (Iron, Total Recoverable) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
11123 - (Total Recov. Manganese) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	N/A	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):

Outlet No. 022, a 24" corrugated metal pipe which discharges from Sedimentation Basin C

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

A.LM01 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM01 (Leachate)

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>			
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
01002 - (Arsenic, Total (as As)) (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
01032 - (Chromium, Hexavalent) (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
71900 - (Mercury, Total (as Hg)) (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
01055 - (Manganese, Total (as Mn)) (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
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
01027 - (Cadmium, Total (as Cd)) (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):

LM01, a composite sample obtained from the termini of the 4" HPDE pipes which carry effluent from the leachate collection system of the Phase I liner system as depicted on Drawing No. 511-905

A.LM01 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM01 (Leachate)

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>			
01042 - (Copper, Total (as Cu)) (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
01105 - (Aluminum, Total (as Al)) (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
01051 - (Lead, Total (as Pb)) (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
01034 - (Chromium, Total (as Cr)) (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
01077 - (Silver, Total (as Ag)) (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
01012 - (Beryllium, Total (as Be)) (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
01147 - (Selenium, Total (as Se)) (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
01007 - (Barium, Total (as Ba)) (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):

LM01, a composite sample obtained from the termini of the 4" HPDE pipes which carry effluent from the leachate collection system of the Phase I liner system as depicted on Drawing No. 511-905

A.LM01 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM01 (Leachate)

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>			
70295 - (Solids, Total Dissolved (TDS)) (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
01097 - (Antimony, Total (as Sb)) (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
01022 - (Boron, Total (as B)) (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
01062 - (Molybdenum, Total (as Mo)) (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
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
01092 - (Zinc, Total (as Zn)) (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
00916 - (Calcium, Total (as Ca)) (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
00680 - (Total Organic Carbon) (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):

LM01, a composite sample obtained from the termini of the 4" HPDE pipes which carry effluent from the leachate collection system of the Phase I liner system as depicted on Drawing No. 511-905

A.LM01 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM01 (Leachate)

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>		
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
01067 - (Nickel, Total (as Ni)) (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
01087 - (Vanadium, Total (as V)) (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
81020 - (Sulfate) (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
00927 - (Magnesium, Tot (as Mg)) (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
01059 - (Thallium, Total (as Tl)) (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):

LM01, a composite sample obtained from the termini of the 4" HPDE pipes which carry effluent from the leachate collection system of the Phase I liner system as depicted on Drawing No. 511-905

A.LM02 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM02 (Leachate)

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>			
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
01002 - (Arsenic, Total (as As)) (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
01032 - (Chromium, Hexavalent) (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
71900 - (Mercury, Total (as Hg)) (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
01055 - (Manganese, Total (as Mn)) (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
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
01027 - (Cadmium, Total (as Cd)) (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):

LM02, a composite sample obtained from the termini of the 4" HPDE pipes which carry effluent from the leachate detection system of the Phase I liner system as depicted on Drawing No. 511-904

A.LM02 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM02 (Leachate)

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>			
01042 - (Copper, Total (as Cu)) (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
01105 - (Aluminum, Total (as Al)) (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
01051 - (Lead, Total (as Pb)) (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
01034 - (Chromium, Total (as Cr)) (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
01077 - (Silver, Total (as Ag)) (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
01012 - (Beryllium, Total (as Be)) (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
01147 - (Selenium, Total (as Se)) (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
01007 - (Barium, Total (as Ba)) (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):

LM02, a composite sample obtained from the termini of the 4" HPDE pipes which carry effluent from the leachate detection system of the Phase I liner system as depicted on Drawing No. 511-904

A.LM02 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM02 (Leachate)

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>			
70295 - (Solids, Total Dissolved (TDS)) (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
01097 - (Antimony, Total (as Sb)) (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
01022 - (Boron, Total (as B)) (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
01062 - (Molybdenum, Total (as Mo)) (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
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
01092 - (Zinc, Total (as Zn)) (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
00916 - (Calcium, Total (as Ca)) (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
00680 - (Total Organic Carbon) (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):

LM02, a composite sample obtained from the termini of the 4" HPDE pipes which carry effluent from the leachate detection system of the Phase I liner system as depicted on Drawing No. 511-904

A.LM02 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM02 (Leachate)

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>		
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
01067 - (Nickel, Total (as Ni)) (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
01087 - (Vanadium, Total (as V)) (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
81020 - (Sulfate) (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
00927 - (Magnesium, Tot (as Mg)) (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
01059 - (Thallium, Total (as Tl)) (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):

LM02, a composite sample obtained from the termini of the 4" HPDE pipes which carry effluent from the leachate detection system of the Phase I liner system as depicted on Drawing No. 511-904

A.LM03 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM03 (Leachate)

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>		
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
01002 - (Arsenic, Total (as As)) (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
01032 - (Chromium, Hexavalent) (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
71900 - (Mercury, Total (as Hg)) (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
01055 - (Manganese, Total (as Mn)) (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
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
01027 - (Cadmium, Total (as Cd)) (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):

LM03, discharge from the terminus of the 6" HPDE pipe which carries effluent from the leachate collection system of the Phase II and Stage I and II liner systems, as depicted on Drawing No. C89502714

A.LM03 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM03 (Leachate)

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>		
01042 - (Copper, Total (as Cu)) (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
01105 - (Aluminum, Total (as Al)) (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
01051 - (Lead, Total (as Pb)) (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
01034 - (Chromium, Total (as Cr)) (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
01077 - (Silver, Total (as Ag)) (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
01012 - (Beryllium, Total (as Be)) (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
01147 - (Selenium, Total (as Se)) (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
01007 - (Barium, Total (as Ba)) (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):

LM03, discharge from the terminus of the 6" HPDE pipe which carries effluent from the leachate collection system of the Phase II and Stage I and II liner systems, as depicted on Drawing No. C89502714

A.LM03 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM03 (Leachate)

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>			
70295 - (Solids, Total Dissolved (TDS)) (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
01097 - (Antimony, Total (as Sb)) (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
01022 - (Boron, Total (as B)) (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
01062 - (Molybdenum, Total (as Mo)) (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
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
01092 - (Zinc, Total (as Zn)) (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
00916 - (Calcium, Total (as Ca)) (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
00680 - (Total Organic Carbon) (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):

LM03, discharge from the terminus of the 6" HPDE pipe which carries effluent from the leachate collection system of the Phase II and Stage I and II liner systems, as depicted on Drawing No. C89502714

A.LM03 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM03 (Leachate)

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>		
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
01067 - (Nickel, Total (as Ni)) (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
01087 - (Vanadium, Total (as V)) (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
81020 - (Sulfate) (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
00927 - (Magnesium, Tot (as Mg)) (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
01059 - (Thallium, Total (as Tl)) (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):

LM03, discharge from the terminus of the 6" HPDE pipe which carries effluent from the leachate collection system of the Phase II and Stage I and II liner systems, as depicted on Drawing No. C89502714

A.LM04 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM04 (Leachate)

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>			
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
01002 - (Arsenic, Total (as As)) (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
01032 - (Chromium, Hexavalent) (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
71900 - (Mercury, Total (as Hg)) (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
01055 - (Manganese, Total (as Mn)) (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
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
01027 - (Cadmium, Total (as Cd)) (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):

LM04, discharge from the terminus of the 6" HPDE pipe which carries effluent from the leachate detection system of the Phase II and Stage I and II liner systems, as depicted on Drawing No. C89502714

A.LM04 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM04 (Leachate)

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>		
01042 - (Copper, Total (as Cu)) (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
01105 - (Aluminum, Total (as Al)) (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
01051 - (Lead, Total (as Pb)) (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
01034 - (Chromium, Total (as Cr)) (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
01077 - (Silver, Total (as Ag)) (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
01012 - (Beryllium, Total (as Be)) (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
01147 - (Selenium, Total (as Se)) (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
01007 - (Barium, Total (as Ba)) (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):

LM04, discharge from the terminus of the 6" HPDE pipe which carries effluent from the leachate detection system of the Phase II and Stage I and II liner systems, as depicted on Drawing No. C89502714

A.LM04 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM04 (Leachate)

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

Such discharges shall be limited and monitored by the permittee as specified below:								Monitoring Requirements	
Effluent Characteristic	Discharge Limitations							Measurement	Sample
	Quantity		Units	Other Units		Units	Frequency	Type	
70295 - (Solids, Total Dissolved (TDS)) (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
01097 - (Antimony, Total (as Sb)) (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
01022 - (Boron, Total (as B)) (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
01062 - (Molybdenum, Total (as Mo)) (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
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
01092 - (Zinc, Total (as Zn)) (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
00916 - (Calcium, Total (as Ca)) (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
00680 - (Total Organic Carbon) (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):

LM04, discharge from the terminus of the 6" HPDE pipe which carries effluent from the leachate detection system of the Phase II and Stage I and II liner systems, as depicted on Drawing No. C89502714

A.LM04 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM04 (Leachate)

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>		
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
01067 - (Nickel, Total (as Ni)) (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
01087 - (Vanadium, Total (as V)) (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
81020 - (Sulfate) (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
00927 - (Magnesium, Tot (as Mg)) (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
01059 - (Thallium, Total (as Tl)) (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):

LM04, discharge from the terminus of the 6" HPDE pipe which carries effluent from the leachate detection system of the Phase II and Stage I and II liner systems, as depicted on Drawing No. C89502714

A.LM05 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM05 (Leachate)

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>
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
01002 - (Arsenic, Total (as As)) (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
01032 - (Chromium, Hexavalent) (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
71900 - (Mercury, Total (as Hg)) (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
01055 - (Manganese, Total (as Mn)) (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
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
01027 - (Cadmium, Total (as Cd)) (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):

LM05, a composite sample obtained from the termini of the 4" diameter HDPE pipes which carry effluent from the leachate collection system of the Phase III liner system as depicted on Drawing No. C8950088

A.LM05 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM05 (Leachate)

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>			
01042 - (Copper, Total (as Cu)) (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
01105 - (Aluminum, Total (as Al)) (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
01051 - (Lead, Total (as Pb)) (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
01034 - (Chromium, Total (as Cr)) (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
01077 - (Silver, Total (as Ag)) (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
01012 - (Beryllium, Total (as Be)) (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
01147 - (Selenium, Total (as Se)) (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
01007 - (Barium, Total (as Ba)) (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):

LM05, a composite sample obtained from the termini of the 4" diameter HDPE pipes which carry effluent from the leachate collection system of the Phase III liner system as depicted on Drawing No. C8950088

A.LM05 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM05 (Leachate)

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>			
70295 - (Solids, Total Dissolved (TDS)) (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
01097 - (Antimony, Total (as Sb)) (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
01022 - (Boron, Total (as B)) (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
01062 - (Molybdenum, Total (as Mo)) (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
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
01092 - (Zinc, Total (as Zn)) (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
00916 - (Calcium, Total (as Ca)) (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
00680 - (Total Organic Carbon) (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):

LM05, a composite sample obtained from the termini of the 4" diameter HDPE pipes which carry effluent from the leachate collection system of the Phase III liner system as depicted on Drawing No. C8950088

A.LM05 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM05 (Leachate)

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>		
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
01067 - (Nickel, Total (as Ni)) (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
01087 - (Vanadium, Total (as V)) (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
81020 - (Sulfate) (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
00927 - (Magnesium, Tot (as Mg)) (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
01059 - (Thallium, Total (as Tl)) (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):

LM05, a composite sample obtained from the termini of the 4" diameter HDPE pipes which carry effluent from the leachate collection system of the Phase III liner system as depicted on Drawing No. C8950088

A.LM06 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM06 (Leachate)

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

Such discharges shall be limited and monitored by the permittee as specified below:								Monitoring Requirements	
Effluent Characteristic	Discharge Limitations							Measurement	Sample
	Quantity		Units	Other Units		Units	Frequency	Type	
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
01002 - (Arsenic, Total (as As)) (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
01032 - (Chromium, Hexavalent) (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
71900 - (Mercury, Total (as Hg)) (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
01055 - (Manganese, Total (as Mn)) (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
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
01027 - (Cadmium, Total (as Cd)) (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):

LM06, a composite sample obtained from terminus of the 4" diameter HDPE pipe which carries effluent from the leachate detection system of the Phase III liner system as depicted on Drawing No. C8950087

A.LM06 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM06 (Leachate)

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>		
01042 - (Copper, Total (as Cu)) (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
01105 - (Aluminum, Total (as Al)) (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
01051 - (Lead, Total (as Pb)) (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
01034 - (Chromium, Total (as Cr)) (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
01077 - (Silver, Total (as Ag)) (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
01012 - (Beryllium, Total (as Be)) (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
01147 - (Selenium, Total (as Se)) (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
01007 - (Barium, Total (as Ba)) (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):

LM06, a composite sample obtained from terminus of the 4" diameter HDPE pipe which carries effluent from the leachate detection system of the Phase III liner system as depicted on Drawing No. C8950087

A.LM06 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM06 (Leachate)

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

Such discharges shall be limited and monitored by the permittee as specified below:								Monitoring Requirements	
Effluent Characteristic	Discharge Limitations							Measurement	Sample
	Quantity		Units	Other Units	Units	Frequency	Type		
70295 - (Solids, Total Dissolved (TDS)) (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
01097 - (Antimony, Total (as Sb)) (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
01022 - (Boron, Total (as B)) (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
01062 - (Molybdenum, Total (as Mo)) (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
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
01092 - (Zinc, Total (as Zn)) (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
00916 - (Calcium, Total (as Ca)) (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
00680 - (Total Organic Carbon) (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):

LM06, a composite sample obtained from terminus of the 4" diameter HDPE pipe which carries effluent from the leachate detection system of the Phase III liner system as depicted on Drawing No. C8950087

A.LM06 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM06 (Leachate)

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>		
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
01067 - (Nickel, Total (as Ni)) (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
01087 - (Vanadium, Total (as V)) (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
81020 - (Sulfate) (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
00927 - (Magnesium, Tot (as Mg)) (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
01059 - (Thallium, Total (as Tl)) (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):

LM06, a composite sample obtained from terminus of the 4" diameter HDPE pipe which carries effluent from the leachate detection system of the Phase III liner system as depicted on Drawing No. C8950087

A.LM07 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM07 (Leachate)

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>		
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
01002 - (Arsenic, Total (as As)) (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
01032 - (Chromium, Hexavalent) (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
71900 - (Mercury, Total (as Hg)) (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
01055 - (Manganese, Total (as Mn)) (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
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
01027 - (Cadmium, Total (as Cd)) (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):

LM07, terminus of the 12" diameter solid wall HDPE pipe which carries effluent from the leachate collection system of the lined Phase IV Area as depicted on Drawing No. C89502716

A.LM07 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM07 (Leachate)

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>			
01042 - (Copper, Total (as Cu)) (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
01105 - (Aluminum, Total (as Al)) (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
01051 - (Lead, Total (as Pb)) (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
01034 - (Chromium, Total (as Cr)) (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
01077 - (Silver, Total (as Ag)) (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
01012 - (Beryllium, Total (as Be)) (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
01147 - (Selenium, Total (as Se)) (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
01007 - (Barium, Total (as Ba)) (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):

LM07, terminus of the 12" diameter solid wall HDPE pipe which carries effluent from the leachate collection system of the lined Phase IV Area as depicted on Drawing No. C89502716

A.LM07 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM07 (Leachate)

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

Such discharges shall be limited and monitored by the permittee as specified below:								Monitoring Requirements	
Effluent Characteristic	Discharge Limitations							Measurement	Sample
	Quantity		Units	Other Units		Units	Frequency	Type	
70295 - (Solids, Total Dissolved (TDS)) (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
01097 - (Antimony, Total (as Sb)) (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
01022 - (Boron, Total (as B)) (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
01062 - (Molybdenum, Total (as Mo)) (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
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
01092 - (Zinc, Total (as Zn)) (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
00916 - (Calcium, Total (as Ca)) (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
00680 - (Total Organic Carbon) (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):

LM07, terminus of the 12" diameter solid wall HDPE pipe which carries effluent from the leachate collection system of the lined Phase IV Area as depicted on Drawing No. C89502716

A.LM07 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM07 (Leachate)

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>		
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
01067 - (Nickel, Total (as Ni)) (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
01087 - (Vanadium, Total (as V)) (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
81020 - (Sulfate) (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
00927 - (Magnesium, Tot (as Mg)) (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
01059 - (Thallium, Total (as Tl)) (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):

LM07, terminus of the 12" diameter solid wall HDPE pipe which carries effluent from the leachate collection system of the lined Phase IV Area as depicted on Drawing No. C89502716

A.LM08 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM08 (Leachate)

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>		
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
01002 - (Arsenic, Total (as As)) (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
01032 - (Chromium, Hexavalent) (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
71900 - (Mercury, Total (as Hg)) (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
01055 - (Manganese, Total (as Mn)) (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
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
01027 - (Cadmium, Total (as Cd)) (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):

LM08, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the leachate detection system of the lined Phase IV area as depicted on Drawing No. C89502716

A.LM08 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM08 (Leachate)

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>			
01042 - (Copper, Total (as Cu)) (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
01105 - (Aluminum, Total (as Al)) (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
01051 - (Lead, Total (as Pb)) (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
01034 - (Chromium, Total (as Cr)) (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
01077 - (Silver, Total (as Ag)) (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
01012 - (Beryllium, Total (as Be)) (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
01147 - (Selenium, Total (as Se)) (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
01007 - (Barium, Total (as Ba)) (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):

LM08, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the leachate detection system of the lined Phase IV area as depicted on Drawing No. C89502716

A.LM08 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM08 (Leachate)

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>			
70295 - (Solids, Total Dissolved (TDS)) (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
01097 - (Antimony, Total (as Sb)) (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
01022 - (Boron, Total (as B)) (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
01062 - (Molybdenum, Total (as Mo)) (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
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
01092 - (Zinc, Total (as Zn)) (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
00916 - (Calcium, Total (as Ca)) (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
00680 - (Total Organic Carbon) (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):

LM08, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the leachate detection system of the lined Phase IV area as depicted on Drawing No. C89502716

A.LM08 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM08 (Leachate)

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>		
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
01067 - (Nickel, Total (as Ni)) (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
01087 - (Vanadium, Total (as V)) (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
81020 - (Sulfate) (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
00927 - (Magnesium, Tot (as Mg)) (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
01059 - (Thallium, Total (as Tl)) (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):

LM08, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the leachate detection system of the lined Phase IV area as depicted on Drawing No. C89502716

A.LM09 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM09 (Leachate)

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>
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
01002 - (Arsenic, Total (as As)) (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
01032 - (Chromium, Hexavalent) (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
71900 - (Mercury, Total (as Hg)) (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
01055 - (Manganese, Total (as Mn)) (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
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
01027 - (Cadmium, Total (as Cd)) (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):

LM09, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the underdrain of the lined Phase IV area as depicted on Drawing No. C89502716

A.LM09 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM09 (Leachate)

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>			
01042 - (Copper, Total (as Cu)) (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
01105 - (Aluminum, Total (as Al)) (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
01051 - (Lead, Total (as Pb)) (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
01034 - (Chromium, Total (as Cr)) (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
01077 - (Silver, Total (as Ag)) (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
01012 - (Beryllium, Total (as Be)) (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
01147 - (Selenium, Total (as Se)) (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
01007 - (Barium, Total (as Ba)) (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):

LM09, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the underdrain of the lined Phase IV area as depicted on Drawing No. C89502716

A.LM09 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM09 (Leachate)

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

Such discharges shall be limited and monitored by the permittee as specified below:								Monitoring Requirements	
Effluent Characteristic	Discharge Limitations							Measurement	Sample
	Quantity		Units	Other Units		Units	Frequency	Type	
70295 - (Solids, Total Dissolved (TDS)) (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
01097 - (Antimony, Total (as Sb)) (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
01022 - (Boron, Total (as B)) (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
01062 - (Molybdenum, Total (as Mo)) (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
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
01092 - (Zinc, Total (as Zn)) (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
00916 - (Calcium, Total (as Ca)) (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
00680 - (Total Organic Carbon) (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):

LM09, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the underdrain of the lined Phase IV area as depicted on Drawing No. C89502716

A.LM09 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM09 (Leachate)

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>		
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
01067 - (Nickel, Total (as Ni)) (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
01087 - (Vanadium, Total (as V)) (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
81020 - (Sulfate) (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
00927 - (Magnesium, Tot (as Mg)) (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
01059 - (Thallium, Total (as Tl)) (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):

LM09, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the underdrain of the lined Phase IV area as depicted on Drawing No. C89502716

A.LM10 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM10 (Leachate)

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>		
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
01002 - (Arsenic, Total (as As)) (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
01032 - (Chromium, Hexavalent) (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
71900 - (Mercury, Total (as Hg)) (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
01055 - (Manganese, Total (as Mn)) (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
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
01027 - (Cadmium, Total (as Cd)) (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):

LM10, terminus of the 12" diameter solid wall HDPE pipe which carries effluent from the leachate collection system of the unlined Phase IV area as depicted on Drawing No. C89502716

A.LM10 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM10 (Leachate)

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>		
01042 - (Copper, Total (as Cu)) (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
01105 - (Aluminum, Total (as Al)) (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
01051 - (Lead, Total (as Pb)) (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
01034 - (Chromium, Total (as Cr)) (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
01077 - (Silver, Total (as Ag)) (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
01012 - (Beryllium, Total (as Be)) (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
01147 - (Selenium, Total (as Se)) (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
01007 - (Barium, Total (as Ba)) (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):

LM10, terminus of the 12" diameter solid wall HDPE pipe which carries effluent from the leachate collection system of the unlined Phase IV area as depicted on Drawing No. C89502716

A.LM10 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM10 (Leachate)

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

Such discharges shall be limited and monitored by the permittee as specified below:								Monitoring Requirements	
Effluent Characteristic	Discharge Limitations						Measurement	Sample	
	Quantity		Units	Other Units		Units	Frequency	Type	
70295 - (Solids, Total Dissolved (TDS)) (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
01097 - (Antimony, Total (as Sb)) (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
01022 - (Boron, Total (as B)) (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
01062 - (Molybdenum, Total (as Mo)) (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
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
01092 - (Zinc, Total (as Zn)) (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
00916 - (Calcium, Total (as Ca)) (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
00680 - (Total Organic Carbon) (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):

LM10, terminus of the 12" diameter solid wall HDPE pipe which carries effluent from the leachate collection system of the unlined Phase IV area as depicted on Drawing No. C89502716

A.LM10 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM10 (Leachate)

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>		
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
01067 - (Nickel, Total (as Ni)) (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
01087 - (Vanadium, Total (as V)) (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
81020 - (Sulfate) (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
00927 - (Magnesium, Tot (as Mg)) (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
01059 - (Thallium, Total (as Tl)) (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):

LM10, terminus of the 12" diameter solid wall HDPE pipe which carries effluent from the leachate collection system of the unlined Phase IV area as depicted on Drawing No. C89502716

A.LM11 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM11 (Leachate)

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>
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
01002 - (Arsenic, Total (as As)) (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
01032 - (Chromium, Hexavalent) (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
71900 - (Mercury, Total (as Hg)) (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
01055 - (Manganese, Total (as Mn)) (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
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
01027 - (Cadmium, Total (as Cd)) (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):

LM11, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the leachate detection/underdrain system of Cells A and B of Surface Impoundment No. 1 as depicted on Drawing No. C8950156

A.LM11 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM11 (Leachate)

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>		
01042 - (Copper, Total (as Cu)) (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
01105 - (Aluminum, Total (as Al)) (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
01051 - (Lead, Total (as Pb)) (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
01034 - (Chromium, Total (as Cr)) (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
01077 - (Silver, Total (as Ag)) (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
01012 - (Beryllium, Total (as Be)) (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
01147 - (Selenium, Total (as Se)) (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
01007 - (Barium, Total (as Ba)) (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):

LM11, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the leachate detection/underdrain system of Cells A and B of Surface Impoundment No. 1 as depicted on Drawing No. C8950156

A.LM11 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM11 (Leachate)

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

Such discharges shall be limited and monitored by the permittee as specified below:								Monitoring Requirements	
Effluent Characteristic	Discharge Limitations							Measurement	Sample
	Quantity		Units	Other Units	Units	Frequency	Type		
70295 - (Solids, Total Dissolved (TDS)) (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
01097 - (Antimony, Total (as Sb)) (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
01022 - (Boron, Total (as B)) (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
01062 - (Molybdenum, Total (as Mo)) (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
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
01092 - (Zinc, Total (as Zn)) (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
00916 - (Calcium, Total (as Ca)) (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
00680 - (Total Organic Carbon) (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):

LM11, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the leachate detection/underdrain system of Cells A and B of Surface Impoundment No. 1 as depicted on Drawing No. C8950156

A.LM11 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM11 (Leachate)

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>		
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
01067 - (Nickel, Total (as Ni)) (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
01087 - (Vanadium, Total (as V)) (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
81020 - (Sulfate) (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
00927 - (Magnesium, Tot (as Mg)) (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
01059 - (Thallium, Total (as Tl)) (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):

LM11, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the leachate detection/underdrain system of Cells A and B of Surface Impoundment No. 1 as depicted on Drawing No. C8950156

A.LM12 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM12 (Leachate)

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>		
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
01002 - (Arsenic, Total (as As)) (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
01032 - (Chromium, Hexavalent) (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
71900 - (Mercury, Total (as Hg)) (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
01055 - (Manganese, Total (as Mn)) (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
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
01027 - (Cadmium, Total (as Cd)) (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):

LM12, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the leachate detection/underdrain system of Cell C of Surface Impoundment No. 1 as depicted on Drawing No. C8950156

A.LM12 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM12 (Leachate)

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>			
01042 - (Copper, Total (as Cu)) (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
01105 - (Aluminum, Total (as Al)) (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
01051 - (Lead, Total (as Pb)) (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
01034 - (Chromium, Total (as Cr)) (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
01077 - (Silver, Total (as Ag)) (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
01012 - (Beryllium, Total (as Be)) (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
01147 - (Selenium, Total (as Se)) (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
01007 - (Barium, Total (as Ba)) (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):

LM12, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the leachate detection/underdrain system of Cell C of Surface Impoundment No. 1 as depicted on Drawing No. C8950156

A.LM12 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM12 (Leachate)

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>			
70295 - (Solids, Total Dissolved (TDS)) (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
01097 - (Antimony, Total (as Sb)) (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
01022 - (Boron, Total (as B)) (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
01062 - (Molybdenum, Total (as Mo)) (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
00095 - (Specific Conductance) (Year Round) (ML-1) (RF-C)	N/A	N/A	N/A	N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
01092 - (Zinc, Total (as Zn)) (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
00916 - (Calcium, Total (as Ca)) (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
00680 - (Total Organic Carbon) (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):

LM12, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the leachate detection/underdrain system of Cell C of Surface Impoundment No. 1 as depicted on Drawing No. C8950156

A.LM12 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM12 (Leachate)

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>			
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
01067 - (Nickel, Total (as Ni)) (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
01087 - (Vanadium, Total (as V)) (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
81020 - (Sulfate) (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
00927 - (Magnesium, Tot (as Mg)) (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
01059 - (Thallium, Total (as Tl)) (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):

LM12, terminus of the 6" diameter solid wall HDPE pipe which carries effluent from the leachate detection/underdrain system of Cell C of Surface Impoundment No. 1 as depicted on Drawing No. C8950156

A.LM13 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM13 (Leachate)

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-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
01032 - (Chromium, Hexavalent) (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
01055 - (Manganese, Total (as Mn)) (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
01105 - (Aluminum, Total (as Al)) (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
01147 - (Selenium, Total (as Se)) (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
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

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

LM13, influent to Equalization Basin No. 1

A.LM14 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM14 (Leachate)

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-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
01032 - (Chromium, Hexavalent) (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
01055 - (Manganese, Total (as Mn)) (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
01105 - (Aluminum, Total (as Al)) (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
01147 - (Selenium, Total (as Se)) (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
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

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

LM14, influent to Equalization Basin No. 2

A.LM15 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM15 (Leachate)

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-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
01032 - (Chromium, Hexavalent) (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
01055 - (Manganese, Total (as Mn)) (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
01105 - (Aluminum, Total (as Al)) (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
01147 - (Selenium, Total (as Se)) (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
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

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

LM15, influent to Vegetated Wetland Cell No. 1

A.LM16 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM16 (Leachate)

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-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
01032 - (Chromium, Hexavalent) (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
01055 - (Manganese, Total (as Mn)) (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
01105 - (Aluminum, Total (as Al)) (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
01147 - (Selenium, Total (as Se)) (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
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

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

LM16, influent to Vegetated Wetland Cell No. 2

A.LM17 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM17 (Leachate)

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-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
01032 - (Chromium, Hexavalent) (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
01055 - (Manganese, Total (as Mn)) (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
01105 - (Aluminum, Total (as Al)) (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
01147 - (Selenium, Total (as Se)) (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
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

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

LM17, influent to Vegetated Wetland Cell No. 3

A.LM18 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM18 (Leachate)

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-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
01032 - (Chromium, Hexavalent) (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
01055 - (Manganese, Total (as Mn)) (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
01105 - (Aluminum, Total (as Al)) (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
01147 - (Selenium, Total (as Se)) (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
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

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

LM18, discharge from Vegetated Wetland Cell No. 3

A.LM19 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM19 (Leachate)

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-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
01032 - (Chromium, Hexavalent) (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
01055 - (Manganese, Total (as Mn)) (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
01105 - (Aluminum, Total (as Al)) (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
01147 - (Selenium, Total (as Se)) (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
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

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

LM19, influent to Vegetated Wetland Cell No. 4

A.LM20 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM20 (Leachate)

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-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
01032 - (Chromium, Hexavalent) (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
01055 - (Manganese, Total (as Mn)) (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
01105 - (Aluminum, Total (as Al)) (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
01147 - (Selenium, Total (as Se)) (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
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

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

LM20, influent to Vegetated Wetland Cell No. 5

A.LM21 DISCHARGE LIMITATIONS AND MONITORING REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee is authorized to discharge from Outlet Number(s) LM21 (Leachate)

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-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
01032 - (Chromium, Hexavalent) (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
01055 - (Manganese, Total (as Mn)) (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
01105 - (Aluminum, Total (as Al)) (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
01147 - (Selenium, Total (as Se)) (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
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

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

LM21, discharge from wetland treatment system at weir box

A.MW05 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee will monitor Well Number(s) MW05 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>					<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>					
00530 - (Total Suspended Solids) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
00400 - (pH) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	S.U.	1/6 months	Grab
01002 - (Arsenic, Total (as As)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
71900 - (Mercury, Total (as Hg)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
00951 - (Fluoride, Total) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01027 - (Cadmium, Total (as Cd)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01051 - (Lead, Total (as Pb)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01034 - (Chromium, Total (as Cr)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	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):

MW05

A.MW05 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee will monitor Well Number(s) MW05 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>					<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	
	<u>Quantity</u>	<u>Units</u>	<u>Other Units</u>						
01012 - (Beryllium, Total (as Be)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01147 - (Selenium, Total (as Se)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01007 - (Barium, Total (as Ba)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01097 - (Antimony, Total (as Sb)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01062 - (Molybdenum, Total (as Mo)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
00095 - (Specific Conductance) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
00011 - (Temperature, F) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	DEG.F	1/6 months	Grab
01059 - (Thallium, Total (as Tl)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	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):

MW05

A.MW05 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee will monitor Well Number(s) MW05 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>					<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>					
11503 - (Radium 226 and 228, Total) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	pCi/L	1/6 months	Grab
01037 - (Cobalt, Total (as Co)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01132 - (Lithium, Total (as Li)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	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):

MW05

A.MW17 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee will monitor Well Number(s) MW17 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>					<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>					
00530 - (Total Suspended Solids) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
00400 - (pH) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	S.U.	1/6 months	Grab
01002 - (Arsenic, Total (as As)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.01 Max. Daily	mg/l	1/6 months	Grab
71900 - (Mercury, Total (as Hg)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.002 Max. Daily	mg/l	1/6 months	Grab
00951 - (Fluoride, Total) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	4 Max. Daily	mg/l	1/6 months	Grab
01027 - (Cadmium, Total (as Cd)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.005 Max. Daily	mg/l	1/6 months	Grab
01051 - (Lead, Total (as Pb)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.015 Max. Daily	mg/l	1/6 months	Grab
01034 - (Chromium, Total (as Cr)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.1 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):

MW-17

A.MW17 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee will monitor Well Number(s) MW17 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>					<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>				
01012 - (Beryllium, Total (as Be)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.004 Max. Daily	mg/l 1/6 months	Grab
01147 - (Selenium, Total (as Se)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.05 Max. Daily	mg/l 1/6 months	Grab
01007 - (Barium, Total (as Ba)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	2 Max. Daily	mg/l 1/6 months	Grab
01097 - (Antimony, Total (as Sb)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.006 Max. Daily	mg/l 1/6 months	Grab
01062 - (Molybdenum, Total (as Mo)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.1 Max. Daily	mg/l 1/6 months	Grab
00095 - (Specific Conductance) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	UMHO/CM 1/6 months	Grab
00011 - (Temperature, F) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	DEG.F 1/6 months	Grab
01059 - (Thallium, Total (as Tl)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.002 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):

MW-17

A.MW17 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee will monitor Well Number(s) MW17 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Quantity</u>		<u>Monitoring Requirements</u>		<u>Units</u>		<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
			<u>Units</u>	<u>Other Units</u>					
11503 - (Radium 226 and 228, Total) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	5 Max. Daily	pCi/L	1/6 months	Grab
01037 - (Cobalt, Total (as Co)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.006 Max. Daily	mg/l	1/6 months	Grab
01132 - (Lithium, Total (as Li)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.04 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):

MW-17

A.MW18 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee will monitor Well Number(s) MW18 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>					<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
	<u>Quantity</u>	<u>Units</u>	<u>Other Units</u>	<u>Units</u>	<u>Other Units</u>			
00530 - (Total Suspended Solids) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	1/6 months	Grab
00400 - (pH) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	1/6 months	Grab
01002 - (Arsenic, Total (as As)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.01 Max. Daily	1/6 months	Grab
71900 - (Mercury, Total (as Hg)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.002 Max. Daily	1/6 months	Grab
00951 - (Fluoride, Total) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	4 Max. Daily	1/6 months	Grab
01027 - (Cadmium, Total (as Cd)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.005 Max. Daily	1/6 months	Grab
01051 - (Lead, Total (as Pb)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.015 Max. Daily	1/6 months	Grab
01034 - (Chromium, Total (as Cr)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.1 Max. Daily	1/6 months	Grab

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

MW-18

A.MW18 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee will monitor Well Number(s) MW18 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>					<u>Units</u>		<u>Measurement Frequency</u>	<u>Sample Type</u>
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>					
01012 - (Beryllium, Total (as Be)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.004 Max. Daily	mg/l	1/6 months	Grab
01147 - (Selenium, Total (as Se)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.05 Max. Daily	mg/l	1/6 months	Grab
01007 - (Barium, Total (as Ba)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	2 Max. Daily	mg/l	1/6 months	Grab
01097 - (Antimony, Total (as Sb)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.006 Max. Daily	mg/l	1/6 months	Grab
01062 - (Molybdenum, Total (as Mo)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.1 Max. Daily	mg/l	1/6 months	Grab
00095 - (Specific Conductance) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
00011 - (Temperature, F) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	DEG.F	1/6 months	Grab
01059 - (Thallium, Total (as Tl)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.002 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):

MW-18

A.MW18 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee will monitor Well Number(s) MW18 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Quantity</u>		<u>Monitoring Requirements</u>			<u>Units</u>		<u>Measurement Frequency</u>	<u>Sample Type</u>
			<u>Units</u>		<u>Other Units</u>				
11503 - (Radium 226 and 228, Total) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	5	pCi/L	1/6 months	Grab
						Max. Daily			
01037 - (Cobalt, Total (as Co)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.006	mg/l	1/6 months	Grab
						Max. Daily			
01132 - (Lithium, Total (as Li)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.04	mg/l	1/6 months	Grab
						Max. Daily			

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

MW-18

A.MW19 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee will monitor Well Number(s) MW19 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>					<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>					
00530 - (Total Suspended Solids) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
00400 - (pH) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	S.U.	1/6 months	Grab
01002 - (Arsenic, Total (as As)) (Year Round) (ML-O) (RF-C) Interim: 4/1/2025 to 3/31/2028	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01002 - (Arsenic, Total (as As)) (Year Round) (ML-O) (RF-C) Final: 04/01/2028 to 2/18/2030	N/A	N/A	N/A	N/A	N/A	0.01 Max. Daily	mg/l	1/6 months	Grab
71900 - (Mercury, Total (as Hg)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.002 Max. Daily	mg/l	1/6 months	Grab
00951 - (Fluoride, Total) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	4 Max. Daily	mg/l	1/6 months	Grab
01027 - (Cadmium, Total (as Cd)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.005 Max. Daily	mg/l	1/6 months	Grab
01051 - (Lead, Total (as Pb)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.015 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):

MW19

A.MW19 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee will monitor Well Number(s) MW19 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>					<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
	<u>Quantity</u>	<u>Units</u>	<u>Other Units</u>	<u>Units</u>	<u>Units</u>			
01034 - (Chromium, Total (as Cr)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.1 Max. Daily	1/6 months	Grab
01012 - (Beryllium, Total (as Be)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.004 Max. Daily	1/6 months	Grab
01147 - (Selenium, Total (as Se)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.05 Max. Daily	1/6 months	Grab
01007 - (Barium, Total (as Ba)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	2 Max. Daily	1/6 months	Grab
01097 - (Antimony, Total (as Sb)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.006 Max. Daily	1/6 months	Grab
01062 - (Molybdenum, Total (as Mo)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.1 Max. Daily	1/6 months	Grab
00095 - (Specific Conductance) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	UMHO/CM 1/6 months	Grab
00011 - (Temperature, F) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	DEG.F 1/6 months	Grab

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

MW19

A.MW19 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee will monitor Well Number(s) MW19 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>						<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>					
01059 - (Thallium, Total (as Tl)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.002 Max. Daily	mg/l	1/6 months	Grab
11503 - (Radium 226 and 228, Total) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	5 Max. Daily	pCi/L	1/6 months	Grab
01037 - (Cobalt, Total (as Co)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.006 Max. Daily	mg/l	1/6 months	Grab
01132 - (Lithium, Total (as Li)) (Year Round) (ML-O) (RF-C) Interim: 4/1/2025 to 3/31/2028	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01132 - (Lithium, Total (as Li)) (Year Round) (ML-O) (RF-C) Final: 04/01/2028 to 2/18/2030	N/A	N/A	N/A	N/A	N/A	0.04 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):

MW19

A.MW20 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee will monitor Well Number(s) MW20 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>					<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>					
00530 - (Total Suspended Solids) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
00400 - (pH) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	S.U.	1/6 months	Grab
01002 - (Arsenic, Total (as As)) (Year Round) (ML-O) (RF-C) Interim: 4/1/2025 to 3/31/2028	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01002 - (Arsenic, Total (as As)) (Year Round) (ML-O) (RF-C) Final: 04/01/2028 to 2/18/2030	N/A	N/A	N/A	N/A	N/A	0.01 Max. Daily	mg/l	1/6 months	Grab
71900 - (Mercury, Total (as Hg)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.002 Max. Daily	mg/l	1/6 months	Grab
00951 - (Fluoride, Total) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	4 Max. Daily	mg/l	1/6 months	Grab
01027 - (Cadmium, Total (as Cd)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.005 Max. Daily	mg/l	1/6 months	Grab
01051 - (Lead, Total (as Pb)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.015 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):

MW20

A.MW20 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee will monitor Well Number(s) MW20 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>					<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	
	<u>Quantity</u>	<u>Units</u>	<u>Other Units</u>						
01034 - (Chromium, Total (as Cr)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.1 Max. Daily	mg/l	1/6 months	Grab
01012 - (Beryllium, Total (as Be)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.004 Max. Daily	mg/l	1/6 months	Grab
01147 - (Selenium, Total (as Se)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.05 Max. Daily	mg/l	1/6 months	Grab
01007 - (Barium, Total (as Ba)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	2 Max. Daily	mg/l	1/6 months	Grab
01097 - (Antimony, Total (as Sb)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.006 Max. Daily	mg/l	1/6 months	Grab
01062 - (Molybdenum, Total (as Mo)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.1 Max. Daily	mg/l	1/6 months	Grab
00095 - (Specific Conductance) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
00011 - (Temperature, F) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	DEG.F	1/6 months	Grab

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

MW20

A.MW20 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee will monitor Well Number(s) MW20 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Quantity</u>		<u>Monitoring Requirements</u>			<u>Units</u>		<u>Measurement Frequency</u>	<u>Sample Type</u>
			<u>Units</u>		<u>Other Units</u>				
01059 - (Thallium, Total (as Tl)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.002 Max. Daily	mg/l	1/6 months	Grab
11503 - (Radium 226 and 228, Total) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	5 Max. Daily	pCi/L	1/6 months	Grab
01037 - (Cobalt, Total (as Co)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	0.006 Max. Daily	mg/l	1/6 months	Grab
01132 - (Lithium, Total (as Li)) (Year Round) (ML-O) (RF-C) Interim: 4/1/2025 to 3/31/2028	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01132 - (Lithium, Total (as Li)) (Year Round) (ML-O) (RF-C) Final: 04/01/2028 to 2/18/2030	N/A	N/A	N/A	N/A	N/A	0.04 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):

MW20

A.MW23 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee will monitor Well Number(s) MW23 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>					<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>					
00530 - (Total Suspended Solids) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
00400 - (pH) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	S.U.	1/6 months	Grab
01002 - (Arsenic, Total (as As)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
71900 - (Mercury, Total (as Hg)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
00951 - (Fluoride, Total) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01027 - (Cadmium, Total (as Cd)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01051 - (Lead, Total (as Pb)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01034 - (Chromium, Total (as Cr)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	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):

MW23

A.MW23 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee will monitor Well Number(s) MW23 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>					<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>					
01012 - (Beryllium, Total (as Be)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01147 - (Selenium, Total (as Se)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01007 - (Barium, Total (as Ba)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01097 - (Antimony, Total (as Sb)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01062 - (Molybdenum, Total (as Mo)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
00095 - (Specific Conductance) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	UMHO/CM	1/6 months	Grab
00011 - (Temperature, F) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	DEG.F	1/6 months	Grab
01059 - (Thallium, Total (as Tl)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	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):

MW23

A.MW23 MONITORING WELL REQUIREMENTS:**Permit Limits**

During the period beginning 4/1/2025 and lasting through midnight 2/18/2030 the permittee will monitor Well Number(s) MW23 (Monitoring Well)

Such well shall be monitored by the permittee as specified below:

<u>Monitoring Well Characteristic</u>	<u>Monitoring Requirements</u>					<u>Units</u>	<u>Measurement Frequency</u>	<u>Sample Type</u>	
	<u>Quantity</u>		<u>Units</u>	<u>Other Units</u>					
11503 - (Radium 226 and 228, Total) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	pCi/L	1/6 months	Grab
01037 - (Cobalt, Total (as Co)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	Rpt Only Max. Daily	mg/l	1/6 months	Grab
01132 - (Lithium, Total (as Li)) (Year Round) (ML-O) (RF-C)	N/A	N/A	N/A	N/A	N/A	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):

MW23

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 :

Jul 01, 2025:	The permittee shall submit a plan of action that identifies the courses of action to be taken by the permittee that will result in compliance with the final effluent limitations for aluminum at Outlet 012; and iron at Outlets 012, 013, 014, and 015.
Oct 01, 2025:	The permittee shall submit a progress report that identifies the status of the actions taken, as well as actions to be taken, to come into compliance with the final effluent limitations for aluminum at Outlet 012; and iron at Outlets 012, 013, 014, and 015.
Jan 01, 2026:	The permittee shall submit a progress report that identifies the status of the actions taken, as well as actions to be taken, to come into compliance with the final effluent limitations for aluminum at Outlet 012; and iron at Outlets 012, 013, 014, and 015.
Jul 01, 2026:	The permittee shall submit a progress report that identifies the status of the actions taken, as well as actions to be taken, to come into compliance with the final effluent limitations for aluminum at Outlet 012; and iron at Outlets 012, 013, 014, and 015.
Oct 01, 2026:	The permittee shall submit a progress report that identifies the status of the actions taken, as well as actions to be taken, to come into compliance with the final effluent limitations for aluminum at Outlet 012; and iron at Outlets 012, 013, 014, and 015.
Jan 01, 2027:	The permittee shall submit a progress report that identifies the status of the actions taken, as well as actions to be taken, to come into compliance with the final effluent limitations for aluminum at Outlet 012; and iron at Outlets 012, 013, 014, and 015.
Apr 01, 2027:	The permittee shall complete Assessment of Corrective Measures for arsenic and lithium at the subject facility. Upon completion of the Assessment of Corrective Measures, the permittee shall discuss the results of the corrective measures assessment at least 30 days prior to the selection of remedy, in a public meeting with interested and affected parties. The permittee shall begin the construction of any upgrades or system modifications necessary to comply with the final effluent limitations for aluminum at Outlet 012; and iron at Outlets 012, 013, 014, and 015.
Jul 01, 2027:	The permittee shall submit a progress report that identifies the status of the actions taken, as well as actions to be taken, to come into compliance with the final effluent limitations for aluminum at Outlet 012; and iron at Outlets 012, 013, 014, and 015.
Oct 01, 2027:	The permittee shall submit a progress report that identifies the status of the actions taken, as well as actions to be taken, to come into compliance with the final effluent limitations for aluminum at Outlet 012; and iron at Outlets 012, 013, 014, and 015.

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 :**

Jan 01, 2028:	The permittee shall submit a progress report that identifies the status of the actions taken, as well as actions to be taken, to come into compliance with the final effluent limitations for aluminum at Outlet 012; and iron at Outlets 012, 013, 014, and 015.
Apr 01, 2028:	The permittee shall complete the construction of any necessary upgrades or system modifications and shall comply with the final effluent limitations for aluminum at Outlet 012; and iron at Outlets 012, 013, 014, and 015.
Apr 01, 2028:	The permittee shall select a Remedy for the impacts from arsenic and lithium at the subject facility. The remedy shall comply with the requirements of 40 CFR 257.97 and shall be incorporated into the permit via a major modification.

- 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

1. Only the waste materials specified in Application No. WV0075795 dated March 17, 2021, may be disposed in the Lower Tributary Valley Disposal Area, the Main Valley Disposal Area, and the Upper Valley Disposal Area.
2. Reporting
 - a. Monitoring Reports for the inspectable units referenced in pages 2 and 3 of this permit shall be submitted to the Agency's Electronic Submission System (ESS) and shall be received no later than the twenty fifth (25) day following the end of the reporting period.
 - b. Annual Report. An annual report is to be submitted for the previous calendar year to the Agency's Electronic Submission System (ESS) before September 30 of the following year and shall include the following information:
 - (1) Summary of the previous year's monitoring activities, including laboratory analysis of the previous year's Toxicity Characteristic Leaching Procedure (TCLP) conducted upon Flue Gas Desulphurization By-Product;
 - (2) A brief narrative describing the status of the facility which shall indicate any remedial activities, construction activities, and routine maintenance at the facility, and/or maintenance of the facility including details of the cleanouts of the leachate piping systems referenced in Condition C.12;
 - (3) A topographic map showing the permitted area, location of current working area(s) and completed area(s), cross sections showing volume of area that has been filled, and computations estimating the remaining useful life of the facility;
 - (4) An annual inspection report similar in format to the October 2004 report entitled "Harrison Constructed Wetland Treatment System, Annual Inspection Report" which shall include the following topics: Introduction, Water Quality Data Review, Performance of System Components, Systems Layout, Physical Site Conditions, Conclusions, and Recommendations;
 - (5) Summary of the past year's disposal activities specifying quantities of individual waste types;
 - (6) Results of the mine drainage seep survey required by Condition C.16;
 - (7) The information regarding the excavation of coal combustion by-products required by Condition C.11.(h) and C.11.(i)., and
 - (8) Groundwater flow rate and direction in the uppermost significant aquifer as required by Condition D.1.c.
3. The permittee shall prevent the establishment of trees and shrubs upon the the embankment of Surface Impoundment No. 1.
4. The following storm water requirements apply to Outlet(s) 012, 013, 014, 015, 018, 022, and 023:
 - 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. Representative Outlets

Outlet 022 shall be sampled as representative of Outlet 023

All other outlets shall be monitored and reported separately.

Section C - Other Requirements

4. c. 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.7.

Pollutant	Benchmark Value
Total Suspended Solids	100 mg/l
Arsenic	0.169 mg/l
Manganese	1.0 mg/l
Chloride	860 mg/l
Fluoride	1.8 mg/l
Nitrate	10 mg/l
Nitrite Nitrogen	1 mg/l
Hex Chrome	0.011 mg/l
Selenium	0.02 mg/l (Acute WQC)
Aluminum	0.75 mg/l
Iron	1.5 mg/l
pH	6.0 to 9.0 S.U.

- d. The benchmark procedure in this Section does not apply to parameters with limitations imposed in Section A.
5. The following activities are prohibited unless specifically approved by permit modification:
- Use of the facility for agricultural purposes, or
 - Establishment or construction of any buildings.
6. The permittee shall monthly examine the finished surfaces of the Lower Tributary Valley Disposal Area for 1) evidence of cracking or erosion which could allow waters to enter solid waste deposits and 2) evidence of settling of solid waste causing ponding of surface water. Finished surfaces which have cracked, eroded, or settled shall be repaired by any necessary regrading, additions of cover material, and revegetation activities.
7. The submission of information not applicable to the Electronic Submission System (ESS) shall be submitted to:
- Director
Div. of Water and Waste Mgmt.
601 57th Street, SE
Charleston, WV 25304
Attn: Christina Facemyer
christina.facemyer@wv.gov
8. The permittee shall inspect prior to the spring and fall planting seasons the vegetative cover of the Lower Tributary Valley Disposal Area and Main Valley Disposal Area. Areas that are deficient of vegetative cover shall be reseeded to establish a satisfactory stand of vegetation. Areas are considered to be deficient of vegetation if a 90% cover of perennial grasses or legumes has not been established.
9. Prior to its disposal, the permittee shall analyze acid mine drainage sludge utilizing the Toxicity Characteristic Leaching Procedure (TCLP) with resulting laboratory analyses being submitted to the address indicated in Condition C.7 for review and approval.
10. The permittee shall maintain in good operating condition all sediment and erosion control structures. Settled solids shall be removed from sediment and erosion control structures when these solids accumulate to 60% of the structure's total sediment capacity or when resuspension of solids begins, whichever occurs first.
11. The permittee is authorized to excavate coal combustion by-products from the Lower Tributary Valley Disposal Area in accordance with the following stipulations:

Section C - Other Requirements

- a. Excavation activities shall not disturb the leachate collection and protective cover zone of the liner system.
 - b. The area to be excavated shall be minimized.
 - c. The drainage slope of the area to be excavated shall be maintained.
 - d. Benching within the area to be excavated shall be maintained.
 - e. In areas where final soil cover must be removed, said cover shall be replaced, regraded and revegetated. Soil cover shall achieve a minimum thickness of twelve inches, regraded slopes shall not exceed 2.5H:1V between benches and a 90% vegetative cover consisting of perennial grasses or legumes shall be established.
 - f. Erosion and sedimentation control structures, such as silt fencing, shall be utilized to control runoff from areas to be excavated. Said structures shall be routinely examined for accumulated sediment. Accumulated sediment shall be removed in a timely manner in order to maximize the efficiency of the erosion and sedimentation control structures.
 - g. Appropriate notifications will be provided to the addresses indicated in Condition C.7 in accordance with Section 5.5.b.4.C. of Title 33, Series 1, Solid Waste Management Rule.
 - h. The location of areas where coal combustion by-products were excavated during the prior year shall be indicated on the topographic map referenced in Condition C.2.b.(3). Cross-sections showing the volume of areas excavated shall also be provided.
 - i. Concurrent with the Annual Report required by Condition C.2.(b), the quantity and type of coal combustion by-products excavated during the prior year shall be provided.
12. The permittee shall annually verify that the following pipes referenced in the January 2009 report entitled "Leachate Collection and Detection/Underdrain Piping Blockage Evaluation" are free of blockages: LC-13, LC-14, LC-15, LC-15A, LC-17, LC-18, LC-21, LC-22, LC-25, LC-26A, LC-27, LC-27A, LC-29, LC-30, LC-32, LC-33, LC-35, LC-36, LC-37, LC-38, LC-39, LC-42, LC-43, LC-44, LC-45, LD-13, LD-14, LD-15, LD-15A, LD-21, LD-26A, LD-32, LD-43, UD-47, UD-48, UD-50, UD-51, LD-A, LD-B, LD-C, LD-D, LD-E, LD-F, LD-G, LD-H, LD-J, and LD-K. The permittee shall also annually verify that the pipes referenced on a drawing which shall be submitted within one month of the effective date of the permit are free of blockages. For this purpose, water shall be introduced into the cleanout of each pipe at a steady flow rate. Allowing sufficient travel time but no longer than the time reasonably expected for unobstructed flow to reach the pipe outlet, the flow rate shall be determined at the outlet end of each pipe. If blockages have been determined to be present, blockages shall be removed by utilizing a water jetting device or equivalent equipment. Results of the investigation shall be provided in report form which shall provide for each pipe the inlet and outlet flow rate, and efforts to remove blockages. The report shall be submitted concurrently with the annual report.
13. The following sections of Title 33, Series 1, Solid Waste Management Rule, are hereby waived: 3.2.c, 3.2.k, 4.6.b.1.C, 4.6.b.2.A, 4.6.b.2.B, and 4.12.b, and 4.12.f. The following section of Title 33, Series 1, Solid Waste Management Rule, is hereby modified: 4.12.g.

Waiver of these Sections in 33 CSR 1 do not waive the equivalent sections in 33 CSR 1B / 40 CFR 257 for Coal Combustion Residual (CCR) units.
14. Sections 4.5.d.3, 4.5.d.4, and 4.5.d.5. of Title 33, Series 1, Solid Waste Management Rule, are waived for the areas of the Main Valley Disposal Area and the Upper Valley Disposal Area where flyash has been previously disposed as depicted on Drawing Numbers C89502703 and C89502704 and are also waived for the area depicted on the drawing submitted with letter dated February 19, 2003 where ash was not previously disposed.

Waiver of these Sections in 33 CSR 1 do not waive the equivalent sections in 33 CSR 1B / 40 CFR 257 for Coal Combustion Residual (CCR) units.
15. The permittee shall each calendar quarter monitor mine pool elevations in mine pool monitors MPM-6 and MPM-7 which shall be submitted electronically to the Agency's Electronic Submission System (ESS) as required by Condition C.2.a.

Section C - Other Requirements

16. The permittee shall quarterly conduct a mine drainage seep survey of the area shown on Drawing 00-276-B20 included with the November 2002 report entitled "Assessment of Mine Barrier Pillar Breaching, Phase IV CCB Landfill, Harrison Power Station, Harrison County, West Virginia".
17. The permittee shall route to the constructed wetland treatment system depicted on Drawing C8950243 the effluent discharging from the 12-inch mine drainage collection pipe and the 18-inch mine drainage collection pipe, both of which are depicted on Drawing C89501153. The full flow of the 12-inch pipe shall be directed to the constructed wetlands while the maximum flow that can pass through the fully opened 3-inch valve connected to the 18-inch pipe shall be directed to the constructed wetlands. Flow from the 18-inch pipe to the constructed wetlands may be decreased only if the Selenium concentration at Sampling Point LM21 exceeds .012 mg/l or when the waters of Robinson Run back up into the pump station.
18. The permittee shall develop and maintain onsite, an Operating Record. One copy of the Operating Record shall be available for review by representative(s) of the Division of Water and Waste Management at the premises or at the operator's office. The Operating Record shall, at a minimum, be consistent with 33 CSR 1B / 40 CFR 257.
19. The permittee shall, at intervals not exceeding seven days, inspect the facility for any appearances of actual or potential structural weakness and other conditions which are disrupting or have the potential to disrupt the operation or safety of the disposal facility. The results of the inspection must be recorded in the facilities operating record.
20. The approved final closure date (i.e. for the purposes of post closure care) for the landfill covered by this permit is
 - a. Main Area (MA) - N/A (Inactive - has not undergone final closure)
Upper Area (UA) - N/A (Landfill is still Active)
Lower Area (LA) - N/A (Inactive - has not undergone final closure)

The length of post-closure care may decreased if the permittee demonstrates a reduced period is sufficient to protect human health and the environment or increased if the agency determines that a lengthened period is necessary to protect human health and the environment.
21. The permittee may submit a major permit modification application or a formal request for termination / revocation of the permit (as applicable) for removal of a landfill from the permit that has completed post closure care. At a minimum, the request shall include:
 - a. A notification verifying that post-closure care has been completed in accordance with the closure plan specified in 40 CFR 257.104 signed by an qualified professional engineer.
 - b. A post closure care inspection report from Environmental Enforcement that indicates that no further remedial action or other activity is necessary to continue compliance with the Solid Management Act and the facility is not causing or could cause, in the future, any adverse effects on the environment, and/or causing a nuisance.
 - c. If wastes contained in the landfill have not degraded to a point where a release could occur due to failure of engineering controls or degradation of landfill components (which have a finite life span), the permittee shall submit a long-term stewardship plan to prevent unacceptable exposure to solid waste or a release of solid waste at the post-closure care unit once the permit is terminated.
 - d. A copy of the deed notation required by 40 CFR 257.102(i).
 - e. A plan to abandon groundwater monitoring wells on site compliant with 47CSR60 Section 19.
22. This permit does not authorize the direct discharge of untreated or partially treated leachate or "other" wastewaters via the "emergency overflow" (i.e. former Outlet 020) at Sedimentation Pond No.1.
23. The permittee shall annually perform chronic toxicity tests as described below, on the effluent from Outlet(s) 008:
 - a. Such testing will determine if an appropriate dilute effluent sample affects the survival or reproduction of the test species. 8-hour 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.

Section C - Other Requirements

23. a. 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).

$TUC = 100/NOEC$ 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.
- 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 on an annual basis. The first chronic toxicity testing shall be carried out within 6 months from the effective date of the permit for Outlet(s) 008. There shall be a minimum of three (3) months between sampling events.
- f. If chronic effluent toxicity testing shows noncompliance with the specified limitations prescribed in Section A, 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 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.

Section C - Other Requirements

24. 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.

a. Parameter	EPA Method No.	Method Detection Level (ug/l)
Arsenic, Total	200.8	1.4
Selenium, Total Recoverable	200.8	1.0
Chromium, Hexavalent	218.6	0.6
Aluminum, Total Recoverable	200.8	1
Mercury, Total*	245.7	0.0018
Mercury, Total*	1631	0.0002
Manganese, Total Recoverable	200.8	0.1
Vanadium, Total	200.8	2.5
Iron, Total Recoverable	200.8	2.61
Molybdenum, Total Recoverable	200.8	0.3
Titanium, Total Recoverable	200.8	0.195

*The permittee may use either Method 245.7 or Method 1631 for the analysis of mercury.

- b. The analytical test procedures, set forth in 40 CFR Part 136, prescribe colorimetric methods for certain parameters. The digestion process for the performance of total recoverable is not sufficient for the utilization of a colorimetric procedure. Therefore, colorimetric procedures shall not be acceptable for the analysis of parameters prescribed as total recoverable.
25. In the event of two successive exceedances of an acute whole effluent toxicity value of 0.57 TUa max daily (per Section C.26 greater than 1.0 TUa), the permittee shall submit, with a major permit modification application, the results of relevant aquatic field studies, standard bioassay test data which exists in substantial available scientific literature to establish a 96-hour, or equivalent (i.e. 48-hour, etc), LC50 or safe concentration value for sulfate per 47 CSR 2, Section 9.1 and 9.2. If a suitable LC50 cannot be identified from the study, the permittee shall certify as such in the modification application.
26. The permittee shall perform acute effluent toxicity testing in accordance with the following.
- The acute effluent toxicity testing prescribed, herein, shall be 48-hour static acute toxicity tests utilizing Pimephales Promelas fathead minnow and Ceriodaphnia Dubia as the test species.
 - The acute toxicity testing shall be performed on an annual basis. There shall be a minimum of three (3) months between semi-annual sampling events.
 - Eight (8) 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.
 - 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 reporting month in which it is due. 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 effluent demonstrates no toxicity at 100% effluent (no organisms die), the permittee may report zero (0) TUa.
- An effluent that causes some mortality but less than %50 mortality at %100 effluent on a species is still deemed to have some toxicity. As such, the permittee shall not report zero (0) in this case, but shall report the result as less than one (1) TUa.

Section D - Groundwater Monitoring

1. a. The permittee shall submit as required by Condition C.2.a. monitoring well reports indicating in terms of concentration the values of the parameters listed in Sections A. MW05, A. MW17, A. MW18, A. MW19, A.MW20. Concentrations of constituents for which standards of purity and quality have been referenced in said Sections shall be determined utilizing a minimum level less than said Standards.
- b. Groundwater shall be sampled in accordance with 40 CFR 257.91-93. The stabilized values for pH, Temperature, and Specific Conductance obtained during purging shall be retained as stated in Section III.6 of Appendix A.
- c. The permittee shall each monitoring event determine the rate and direction of groundwater flow in the uppermost significant aquifer. Said report shall be submitted concurrently with the semi-annual or annual report(s).
- d. The permittee shall determine whether there is a statistically significant increase over background levels (A.MW05) for each 40 CFR 257 Appendix III parameter listed in Sections A. MW17, A. MW18, A. MW19, A.MW20. If the permittee determines that there is a statistically significant increase over background for any parameter listed in 40 CFR 257 Appendix III of 40 CFR 257, the permittee shall comply with the requirements of Section D.1.e.
- e. If a statistically significant increase over background concentrations is confirmed per the procedures in 40 CFR 257.94 for any 40 CFR 257 Appendix III parameter, the permittee must do the following:
 - (1) Within thirty (30) days, place a notice in the operating record indicating which constituents have shown statistically significant changes from background levels and notify the Secretary that this notice was placed in the operating record.
 - (2) Within a ninety (90) day period of said finding establish an assessment monitoring program and analyze the groundwater for all constituents listed in Appendix IV of 40 CFR 257.
 - (3) Within ninety (90) days of triggering the assessment sampling required by D.1.e.(2), the permittee must:

Resample all groundwater for all parameters in Appendix IV of 40 CFR 257 and semi-annually thereafter.

Establish groundwater protection standards for all constituents in Appendix IV detected in the repeat sampling per 40 CFR 257.95(h). For any groundwater standard not already incorporated into this permit, the permit shall submit a major permit modification application to incorporate the groundwater standard in Section A of the permit.
 - (4) If the concentrations of all constituents listed in Appendix IV of 40 CFR 257 to this part are shown to be statistically at or below background values, the permittee may return to detection monitoring.

If the concentrations of any constituent in Appendix IV of 40 CFR 257 to this part are above background values, but all concentrations are below the groundwater protection standard established under 40 CFR 257.95(h) or in Section A of this permit, the owner or operator must continue assessment monitoring.
 - (5) Established groundwater standards and preventative action limits (PALs) are documented in Section D.2.b.
- f. Within ninety (90) days of finding that any of the constituents listed in Appendix IV of 40 CFR 257 to this part have been detected at a statistically significant level exceeding the groundwater protection standards the permittee shall initiate an assessment of corrective action measures per 40 CFR 257.96. At a minimum the permittee shall:
 - (1) Characterize the nature and extent of the release and any relevant site conditions that may affect clean up of any releases. Including installing additional monitoring wells to define the contaminant plume including at least one at the facility boundary in the direction of contaminant migration, collecting data on the nature and estimated quantity of material released, and resampling all wells to define the nature and extent of release.
 - (2) Notify all persons who own the land or reside on the land that directly overlies any part of the plume of contamination if contaminants have migrated off-site.

Section D - Groundwater Monitoring

1. f. (3) Initiate an assessment of Corrective Measures as required by 40 CFR 257.96 and Section D.1.f or demonstrate that a source other than the CCR unit caused the contamination, or that the statistically significant increase resulted from error in sampling, analysis, statistical evaluation, or natural variation in groundwater quality.
- g. Within ninety (90) days of finding that any constituent listed in Appendix IV of 40 CFR 257 has been detected at a statistically significant level exceeding the groundwater protection standard, or immediately upon detection of a release from a CCR unit, the permittee shall initiate an assessment of corrective measures to prevent further releases, to remediate any releases and to restore affected area to original conditions. The assessment of corrective measures must be completed within ninety (90) days, unless the permittee demonstrates the need for additional time to complete the assessment of corrective measures due to site-specific conditions or circumstances.
 - (1) Within thirty (30) days of a finding that the permittee must perform an assessment of corrective measures per 40 CFR 257.95 the permittee shall notify the Director and place the notification in the operating record.

Upon completion of the assessment of corrective measures the permittee shall place a notification in the operating record.

- (2) Specific requirements necessary to complete assessment of corrective action are included in Section D.2.c.
- h. Based on the results of the corrective measures assessment, the permittee must, as soon as feasible, obtain approval from the Director for a remedy meeting the requirements of 40 CFR 257.97 via a major permit modification application.

The modification application shall include documentation of the results of a public meeting compliant with 40 CFR 257.96(e).

- (1) Approved remediation / remedy decisions and their specific requirements are documented in Section D.2.d.
 - i. Nothing in this Section D.1 shall relieve the permittee from compliance with the latest effective revision of 40 CFR 257.90-98. In situations where the equivalent part of Section D and the latest effective version of CFR 257.90-98 differ the permittee shall comply with 40 CFR 257.90-98.
2. Based on a review of the historic Groundwater Monitoring Program at the site, the following monitoring wells / parameters shall be monitored under the following 40 CFR 257 monitoring program:

a. DETECTION MONITORING PROGRAM

Per 40 CFR 257.94, the permittee shall comply with Section D.1.e / 40 CFR 257.95(h) upon an exceedance of the respective background (Detection monitoring) or the laboratory Practical Quantitation Limit (Assessment monitoring) in each respective monitoring well. Upon moving a Detection parameter to an Assessment parameter the permittee shall submit a major permit modification to revise Section D of the permit. Some wells listed here may be under an Assessment program, those wells shall be monitored per Section D.2.b and upon satisfying that section (i.e. all results at or below backgrounds) return to a Detection program.

- (1) The following wells shall be evaluated via interwell statistics for the parameters in Section A of this permit:

MW17, MW18, MW19, MW20
Background Well: MW05

b. ASSESSMENT MONITORING PROGRAM

The following wells shall in addition to continued detection monitoring parameters in Section D.1 evaluate the additional parameters below under an assessment program:

Section D - Groundwater Monitoring

2. b. MW05, MW17, MW18, MW19, MW20

Parameter	Background (mg/l)	MCL / PAL (mg/l)
Antimony	0.0014	0.006
Arsenic	0.0005	0.01
Barium	0.153	2
Beryllium	0.00156	0.004
Cadmium	0.00143	0.005
Chromium	0.00758	0.1
Cobalt	NA**	0.006***
Fluoride	2.25	4
Lead	0.00425	0.015
Lithium	0.0188	0.04***
Mercury	0.00032	0.002
Molybdenum	0.015	0.1***
Selenium	NA**	0.05
Thallium	0.00143	0.002
Radium 226 and 228	1.6*	5*

*pCi/l

** Constituent was not detected in the background well (MW05).

*** A deviation and human health based preventative action limit (PAL) has been granted for cobalt, molybdenum, and lithium at the site per 47 CSR 57, Section 5 and groundwater standard established per 33 CSR 1B, Section 1. The standard is based on the minimum of WV DeMinimus Standards and EPA Region III Default Risk Based Concentrations, or an agency approved site-specific value such as a human health based secondary MCL or other approved risk based value.

c. ASSESSMENT OF CORRECTIVE ACTION

The following items, investigated in the 2023 Annual CCR Rule Groundwater Monitoring and Corrective Action Report, concerning Assessment of Corrective Action require additional investigation at the site and shall be submitted per Section B of the permit:

- (1) The permittee shall complete delineation of arsenic and lithium impacts to groundwater. The permittee shall install additional downgradient wells to delineate the nature and extent of impacts of arsenic and lithium or provide justification of why additional delineation is not necessary.

The permittee shall notify all persons who own the land or reside on the land that directly overlies any part of the plume of contamination if contaminants have migrated off-site. The determination of off site migration shall be determined upon each update of availability of groundwater monitoring data at the site (ex. 1/6 months Section A monitoring or nature and extent monitoring updates). Lack of a monitoring well at the site border / point of compliance or directly on the off site property shall not be justification to delay notification. Interpretive isocontour maps may be used as justification upon approval from the agency; however, if updated isocontour maps show off site migration within a reasonable certainty, notification shall be made.

The permittee shall submit documentation of the notification(s) to the agency.

- (2) The permittee shall complete Assessment of Corrective Action and discuss the results in a public meeting with interested and affected parties per 40 CFR 257.96(e). A remedy shall then be selected per 40 CFR 257.97. Remedies shall be incorporated into the permit via a major modification application per Section B.

d. CORRECTIVE ACTION PROGRAM AND IMPLEMENTATION (SELECTED REMEDY)

[Reserved]

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. WV0075795; 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. WV0075795; 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.

Jeremy W. Bandy, 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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 008

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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	35 Avg. Monthly	70 Max. Daily	N/A	mg/l		1/month	Grab
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
00610 (ML-1) RF-B Ammonia Nitrogen 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
00620 (ML-1) RF-B Nitrogen Nitrate 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
00615 (ML-1) RF-B 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/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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 008

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL*	Units	N.E.		
01002 (ML-1) RF-B Arsenic, Total (as As) 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
01032 (ML-1) RF-B Chromium, Hexavalent 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
71900 (ML-1) RF-A Mercury, Total (as Hg) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	0.000071 Avg. Monthly	0.00021 Max. Daily	N/A	mg/l		1/month	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
00980 (ML-1) RF-A Iron, Total Recoverable Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	1.1 Avg. Monthly	2.8 Max. Daily	N/A	mg/l		1/month	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

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PERMIT NO.: WV0075795 008

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00951 (ML-1) RF-B Fluoride, Total Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	16 Avg. Monthly	30 Max. Daily	N/A	mg/l		1/quarter	Grab
61425 (ML-1) RF-D Acute Tox - Ceriodaphnia Dubia Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	0.28 Avg. Monthly	0.57 Max. Daily	N/A	TUa		1/year	8 hr comp
61427 (ML-1) RF-D Acute Toxicity - Pimephales Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	0.28 Avg. Monthly	0.57 Max. Daily	N/A	TUa		1/year	8 hr comp
61426 (ML-1) RF-D 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/year	8 hr 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	8 hr comp
01147 (ML-1) RF-B Selenium, Total (as Se) 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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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
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Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 008

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
70295 (ML-1) RF-B	Reported												
Solids, Total Dissolved (TDS)	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													
01022 (ML-1) RF-B	Reported												
Boron, Total (as B)	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													
01062 (ML-1) RF-B	Reported												
Molybdenum, Total (as Mo)	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													
11123 (ML-1) RF-B	Reported												
Total Recov. Manganese	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													
01087 (ML-1) RF-B	Reported												
Vanadium, Total (as V)	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													
81020 (ML-1) RF-A	Reported												
Sulfate	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/month	Grab
Year Round													

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		Signature of Principal Executive Officer or Authorized Agent 	
Title of Officer 			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CO

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 008

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01152 (ML-1) RF-B	Reported								N/A	mg/l		1/quarter	Grab
Total Titanium (as TI) Year Round	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily					

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		Signature of Principal Executive Officer or Authorized Agent 	
Title of Officer 			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 012

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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
01104 (ML-1) RF-B Aluminum, Total Recoverable Year Round Interim: 4/1/2025 to 3/31/2028	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
00980 (ML-1) RF-B Iron, Total Recoverable Year Round Interim: 4/1/2025 to 3/31/2028	Reported												
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/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
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Title of Officer		

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CO

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 012

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00980 (ML-1) RF-B Iron, Total Recoverable 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
11123 (ML-1) RF-B Total Recov. Manganese 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 Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 013

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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
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 Interim: 4/1/2025 to 3/31/2028	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	1.5 Max. Daily	N/A	mg/l		1/quarter	Grab

* CEL = Compliance Evaluation Level

Name of Principal Executive Officer Title of 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

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CO

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 013

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
11123 (ML-1) RF-B	Reported												
Total Recov. Manganese	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/quarter	Grab
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	
		Signature of Principal Executive Officer or Authorized Agent	
Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 014

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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
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 Interim: 4/1/2025 to 3/31/2028	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	1.5 Max. Daily	N/A	mg/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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CO

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 014

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
11123 (ML-1) RF-B	Reported												
Total Recov. Manganese	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/quarter	Grab
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	
		Signature of Principal Executive Officer or Authorized Agent	
Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 015

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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
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 Interim: 4/1/2025 to 3/31/2028	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	1.5 Max. Daily	N/A	mg/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	
		Signature of Principal Executive Officer or Authorized Agent	
Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CO

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 015

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
11123 (ML-1) RF-B	Reported												
Total Recov. Manganese	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/quarter	Grab
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	
		Signature of Principal Executive Officer or Authorized Agent	
Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 018

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/month	Grab
00400 (ML-1) RF-A 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/month	Grab
00620 (ML-1) RF-A Nitrogen Nitrate 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	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	Grab
01002 (ML-1) RF-A Arsenic, Total (as As) 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	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	
		Signature of Principal Executive Officer or Authorized Agent 	
Title of Officer 			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 018

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01032 (ML-1) RF-A Chromium, Hexavalent 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	Grab
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	Grab
00980 (ML-1) RF-A 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/month	Grab
00940 (ML-1) RF-A 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/month	Grab
00951 (ML-1) RF-A Fluoride, Total 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	Grab
01147 (ML-1) RF-A Selenium, Total (as Se) 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	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	
		Signature of Principal Executive Officer or Authorized Agent 	
Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 018

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
70295 (ML-1) RF-A	Reported												
Solids, Total Dissolved (TDS)	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/month	Grab
Year Round													
01062 (ML-1) RF-A	Reported												
Molybdenum, Total (as Mo)	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/month	Grab
Year Round													
82057 (ML-1) RF-A	Reported												
Boron, Total	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/month	Grab
Year Round													
11123 (ML-1) RF-A	Reported												
Total Recov. Manganese	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/month	Grab
Year Round													
81020 (ML-1) RF-A	Reported												
Sulfate	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	mg/l		1/month	Grab
Year Round													

* 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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 022

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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	N/A	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	N/A	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
01104 (ML-1) RF-C Aluminum, Total Recoverable Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00980 (ML-1) RF-C Iron, Total Recoverable Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
11123 (ML-1) RF-C Total Recov. Manganese Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	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	
		Signature of Principal Executive Officer or Authorized Agent 	
Title of Officer			

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM01

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01002 (ML-1) RF-C Arsenic, Total (as As) 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
01032 (ML-1) RF-C Chromium, Hexavalent 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
71900 (ML-1) RF-C Mercury, Total (as Hg) 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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 Title of 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 	

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM01

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01027 (ML-1) RF-C Cadmium, Total (as Cd) 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
01042 (ML-1) RF-C Copper, Total (as Cu) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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
01051 (ML-1) RF-C Lead, Total (as Pb) 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
01034 (ML-1) RF-C Chromium, Total (as Cr) 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM01

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01077 (ML-1) RF-C Silver, Total (as Ag) 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
01012 (ML-1) RF-C Beryllium, Total (as Be) 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
01147 (ML-1) RF-C Selenium, Total (as Se) 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
01007 (ML-1) RF-C Barium, Total (as Ba) 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
70295 (ML-1) RF-C Solids, Total Dissolved (TDS) 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
01097 (ML-1) RF-C Antimony, Total (as Sb) 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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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM01

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01022 (ML-1) RF-C Boron, Total (as B) 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
01062 (ML-1) RF-C Molybdenum, Total (as Mo) 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
00095 (ML-1) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
01092 (ML-1) RF-C Zinc, Total (as Zn) 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
00916 (ML-1) RF-C Calcium, Total (as Ca) 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
00680 (ML-1) RF-C Total Organic Carbon 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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CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM01

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01067 (ML-1) RF-C Nickel, Total (as Ni) 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
01087 (ML-1) RF-C Vanadium, Total (as V) 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
81020 (ML-1) RF-C Sulfate 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
00927 (ML-1) RF-C Magnesium, Tot (as Mg) 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
01059 (ML-1) RF-C Thallium, Total (as Tl) 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: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

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PERMIT NO.: WV0075795 LM02

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00530 (ML-1) RF-C	Reported												
Total Suspended Solids	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
00400 (ML-1) RF-C	Reported												
pH	Permit Limits	N/A	N/A			Rpt Only	N/A	Rpt Only	N/A	S.U.		1/6 months	Grab
Year Round						Inst. Min.		Inst. Max.					
01002 (ML-1) RF-C	Reported												
Arsenic, Total (as As)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
01032 (ML-1) RF-C	Reported												
Chromium, Hexavalent	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
71900 (ML-1) RF-C	Reported												
Mercury, Total (as Hg)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
01055 (ML-1) RF-C	Reported												
Manganese, Total (as Mn)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					

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CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM02

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01027 (ML-1) RF-C Cadmium, Total (as Cd) 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
01042 (ML-1) RF-C Copper, Total (as Cu) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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
01051 (ML-1) RF-C Lead, Total (as Pb) 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
01034 (ML-1) RF-C Chromium, Total (as Cr) 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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LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

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LOCATION OF FACILITY: HAYWOOD; Harrison County

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PERMIT NO.: WV0075795 LM02

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01077 (ML-1) RF-C Silver, Total (as Ag) 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
01012 (ML-1) RF-C Beryllium, Total (as Be) 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
01147 (ML-1) RF-C Selenium, Total (as Se) 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
01007 (ML-1) RF-C Barium, Total (as Ba) 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
70295 (ML-1) RF-C Solids, Total Dissolved (TDS) 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
01097 (ML-1) RF-C Antimony, Total (as Sb) 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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PERMIT NO.: WV0075795 LM02

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01022 (ML-1) RF-C Boron, Total (as B) 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
01062 (ML-1) RF-C Molybdenum, Total (as Mo) 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
00095 (ML-1) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
01092 (ML-1) RF-C Zinc, Total (as Zn) 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
00916 (ML-1) RF-C Calcium, Total (as Ca) 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
00680 (ML-1) RF-C Total Organic Carbon 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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LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM02

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01067 (ML-1) RF-C Nickel, Total (as Ni) 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
01087 (ML-1) RF-C Vanadium, Total (as V) 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
81020 (ML-1) RF-C Sulfate 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
00927 (ML-1) RF-C Magnesium, Tot (as Mg) 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
01059 (ML-1) RF-C Thallium, Total (as Tl) 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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CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM03

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00530 (ML-1) RF-C	Reported												
Total Suspended Solids	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
00400 (ML-1) RF-C	Reported												
pH	Permit Limits	N/A	N/A			Rpt Only	N/A	Rpt Only	N/A	S.U.		1/6 months	Grab
Year Round						Inst. Min.		Inst. Max.					
01002 (ML-1) RF-C	Reported												
Arsenic, Total (as As)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
01032 (ML-1) RF-C	Reported												
Chromium, Hexavalent	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
71900 (ML-1) RF-C	Reported												
Mercury, Total (as Hg)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
01055 (ML-1) RF-C	Reported												
Manganese, Total (as Mn)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					

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PERMIT NO.: WV0075795 LM03

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INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01027 (ML-1) RF-C Cadmium, Total (as Cd) 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
01042 (ML-1) RF-C Copper, Total (as Cu) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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
01051 (ML-1) RF-C Lead, Total (as Pb) 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
01034 (ML-1) RF-C Chromium, Total (as Cr) 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	
		Signature of Principal Executive Officer or Authorized Agent 	
Title of Officer			

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM03

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01077 (ML-1) RF-C Silver, Total (as Ag) 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
01012 (ML-1) RF-C Beryllium, Total (as Be) 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
01147 (ML-1) RF-C Selenium, Total (as Se) 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
01007 (ML-1) RF-C Barium, Total (as Ba) 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
70295 (ML-1) RF-C Solids, Total Dissolved (TDS) 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
01097 (ML-1) RF-C Antimony, Total (as Sb) 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

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CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM03

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01022 (ML-1) RF-C Boron, Total (as B) 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
01062 (ML-1) RF-C Molybdenum, Total (as Mo) 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
00095 (ML-1) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
01092 (ML-1) RF-C Zinc, Total (as Zn) 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
00916 (ML-1) RF-C Calcium, Total (as Ca) 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
00680 (ML-1) RF-C Total Organic Carbon 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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PERMIT NO.: WV0075795 LM03

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01067 (ML-1) RF-C Nickel, Total (as Ni) 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
01087 (ML-1) RF-C Vanadium, Total (as V) 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
81020 (ML-1) RF-C Sulfate 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
00927 (ML-1) RF-C Magnesium, Tot (as Mg) 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
01059 (ML-1) RF-C Thallium, Total (as Tl) 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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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM04

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00530 (ML-1) RF-C	Reported												
Total Suspended Solids	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
00400 (ML-1) RF-C	Reported												
pH	Permit Limits	N/A	N/A			Rpt Only	N/A	Rpt Only	N/A	S.U.		1/6 months	Grab
Year Round						Inst. Min.		Inst. Max.					
01002 (ML-1) RF-C	Reported												
Arsenic, Total (as As)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
01032 (ML-1) RF-C	Reported												
Chromium, Hexavalent	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
71900 (ML-1) RF-C	Reported												
Mercury, Total (as Hg)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
01055 (ML-1) RF-C	Reported												
Manganese, Total (as Mn)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					

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LEACHATE ANALYSIS REPORT

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FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM04

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01027 (ML-1) RF-C Cadmium, Total (as Cd) 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
01042 (ML-1) RF-C Copper, Total (as Cu) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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
01051 (ML-1) RF-C Lead, Total (as Pb) 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
01034 (ML-1) RF-C Chromium, Total (as Cr) 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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LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

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PERMIT NO.: WV0075795 LM04

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01077 (ML-1) RF-C Silver, Total (as Ag) 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
01012 (ML-1) RF-C Beryllium, Total (as Be) 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
01147 (ML-1) RF-C Selenium, Total (as Se) 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
01007 (ML-1) RF-C Barium, Total (as Ba) 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
70295 (ML-1) RF-C Solids, Total Dissolved (TDS) 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
01097 (ML-1) RF-C Antimony, Total (as Sb) 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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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

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PERMIT NO.: WV0075795 LM04

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01022 (ML-1) RF-C Boron, Total (as B) 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
01062 (ML-1) RF-C Molybdenum, Total (as Mo) 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
00095 (ML-1) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
01092 (ML-1) RF-C Zinc, Total (as Zn) 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
00916 (ML-1) RF-C Calcium, Total (as Ca) 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
00680 (ML-1) RF-C Total Organic Carbon 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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PERMIT NO.: WV0075795 LM04

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INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01067 (ML-1) RF-C Nickel, Total (as Ni) 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
01087 (ML-1) RF-C Vanadium, Total (as V) 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
81020 (ML-1) RF-C Sulfate 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
00927 (ML-1) RF-C Magnesium, Tot (as Mg) 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
01059 (ML-1) RF-C Thallium, Total (as Tl) 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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CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM05

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01002 (ML-1) RF-C Arsenic, Total (as As) 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
01032 (ML-1) RF-C Chromium, Hexavalent 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
71900 (ML-1) RF-C Mercury, Total (as Hg) 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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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CERTIFIED LABORATORY NAME: _____

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PERMIT NO.: WV0075795 LM05

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01027 (ML-1) RF-C Cadmium, Total (as Cd) 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
01042 (ML-1) RF-C Copper, Total (as Cu) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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
01051 (ML-1) RF-C Lead, Total (as Pb) 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
01034 (ML-1) RF-C Chromium, Total (as Cr) 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM05

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01077 (ML-1) RF-C Silver, Total (as Ag) 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
01012 (ML-1) RF-C Beryllium, Total (as Be) 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
01147 (ML-1) RF-C Selenium, Total (as Se) 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
01007 (ML-1) RF-C Barium, Total (as Ba) 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
70295 (ML-1) RF-C Solids, Total Dissolved (TDS) 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
01097 (ML-1) RF-C Antimony, Total (as Sb) 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			

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM05

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01022 (ML-1) RF-C Boron, Total (as B) 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
01062 (ML-1) RF-C Molybdenum, Total (as Mo) 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
00095 (ML-1) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
01092 (ML-1) RF-C Zinc, Total (as Zn) 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
00916 (ML-1) RF-C Calcium, Total (as Ca) 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
00680 (ML-1) RF-C Total Organic Carbon 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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LEACHATE ANALYSIS REPORT

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CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM05

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01067 (ML-1) RF-C Nickel, Total (as Ni) 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
01087 (ML-1) RF-C Vanadium, Total (as V) 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
81020 (ML-1) RF-C Sulfate 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
00927 (ML-1) RF-C Magnesium, Tot (as Mg) 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
01059 (ML-1) RF-C Thallium, Total (as Tl) 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
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM06

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01002 (ML-1) RF-C Arsenic, Total (as As) 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
01032 (ML-1) RF-C Chromium, Hexavalent 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
71900 (ML-1) RF-C Mercury, Total (as Hg) 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM06

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01027 (ML-1) RF-C Cadmium, Total (as Cd) 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
01042 (ML-1) RF-C Copper, Total (as Cu) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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
01051 (ML-1) RF-C Lead, Total (as Pb) 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
01034 (ML-1) RF-C Chromium, Total (as Cr) 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
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

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PERMIT NO.: WV0075795 LM06

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01077 (ML-1) RF-C Silver, Total (as Ag) 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
01012 (ML-1) RF-C Beryllium, Total (as Be) 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
01147 (ML-1) RF-C Selenium, Total (as Se) 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
01007 (ML-1) RF-C Barium, Total (as Ba) 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
70295 (ML-1) RF-C Solids, Total Dissolved (TDS) 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
01097 (ML-1) RF-C Antimony, Total (as Sb) 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

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PERMIT NO.: WV0075795 LM06

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01022 (ML-1) RF-C Boron, Total (as B) 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
01062 (ML-1) RF-C Molybdenum, Total (as Mo) 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
00095 (ML-1) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
01092 (ML-1) RF-C Zinc, Total (as Zn) 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
00916 (ML-1) RF-C Calcium, Total (as Ca) 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
00680 (ML-1) RF-C Total Organic Carbon 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM06

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01067 (ML-1) RF-C Nickel, Total (as Ni) 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
01087 (ML-1) RF-C Vanadium, Total (as V) 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
81020 (ML-1) RF-C Sulfate 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
00927 (ML-1) RF-C Magnesium, Tot (as Mg) 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
01059 (ML-1) RF-C Thallium, Total (as Tl) 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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LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM07

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01002 (ML-1) RF-C Arsenic, Total (as As) 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
01032 (ML-1) RF-C Chromium, Hexavalent 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
71900 (ML-1) RF-C Mercury, Total (as Hg) 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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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LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

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PERMIT NO.: WV0075795 LM07

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01027 (ML-1) RF-C Cadmium, Total (as Cd) 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
01042 (ML-1) RF-C Copper, Total (as Cu) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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
01051 (ML-1) RF-C Lead, Total (as Pb) 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
01034 (ML-1) RF-C Chromium, Total (as Cr) 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
		Signature of Principal Executive Officer or Authorized Agent
Title of Officer 		

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM07

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01077 (ML-1) RF-C Silver, Total (as Ag) 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
01012 (ML-1) RF-C Beryllium, Total (as Be) 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
01147 (ML-1) RF-C Selenium, Total (as Se) 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
01007 (ML-1) RF-C Barium, Total (as Ba) 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
70295 (ML-1) RF-C Solids, Total Dissolved (TDS) 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
01097 (ML-1) RF-C Antimony, Total (as Sb) 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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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

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CERTIFIED LABORATORY NAME: _____

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CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM07

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01022 (ML-1) RF-C Boron, Total (as B) 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
01062 (ML-1) RF-C Molybdenum, Total (as Mo) 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
00095 (ML-1) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
01092 (ML-1) RF-C Zinc, Total (as Zn) 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
00916 (ML-1) RF-C Calcium, Total (as Ca) 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
00680 (ML-1) RF-C Total Organic Carbon 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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CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM07

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01067 (ML-1) RF-C Nickel, Total (as Ni) 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
01087 (ML-1) RF-C Vanadium, Total (as V) 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
81020 (ML-1) RF-C Sulfate 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
00927 (ML-1) RF-C Magnesium, Tot (as Mg) 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
01059 (ML-1) RF-C Thallium, Total (as Tl) 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: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM08

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00530 (ML-1) RF-C	Reported												
Total Suspended Solids	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
00400 (ML-1) RF-C	Reported												
pH	Permit Limits	N/A	N/A			Rpt Only	N/A	Rpt Only	N/A	S.U.		1/6 months	Grab
Year Round						Inst. Min.		Inst. Max.					
01002 (ML-1) RF-C	Reported												
Arsenic, Total (as As)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
01032 (ML-1) RF-C	Reported												
Chromium, Hexavalent	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
71900 (ML-1) RF-C	Reported												
Mercury, Total (as Hg)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
01055 (ML-1) RF-C	Reported												
Manganese, Total (as Mn)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					

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PERMIT NO.: WV0075795 LM08

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01027 (ML-1) RF-C Cadmium, Total (as Cd) 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
01042 (ML-1) RF-C Copper, Total (as Cu) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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
01051 (ML-1) RF-C Lead, Total (as Pb) 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
01034 (ML-1) RF-C Chromium, Total (as Cr) 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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LEACHATE ANALYSIS REPORT

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FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

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PERMIT NO.: WV0075795 LM08

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01077 (ML-1) RF-C Silver, Total (as Ag) 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
01012 (ML-1) RF-C Beryllium, Total (as Be) 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
01147 (ML-1) RF-C Selenium, Total (as Se) 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
01007 (ML-1) RF-C Barium, Total (as Ba) 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
70295 (ML-1) RF-C Solids, Total Dissolved (TDS) 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
01097 (ML-1) RF-C Antimony, Total (as Sb) 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

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PERMIT NO.: WV0075795 LM08

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01022 (ML-1) RF-C Boron, Total (as B) 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
01062 (ML-1) RF-C Molybdenum, Total (as Mo) 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
00095 (ML-1) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
01092 (ML-1) RF-C Zinc, Total (as Zn) 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
00916 (ML-1) RF-C Calcium, Total (as Ca) 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
00680 (ML-1) RF-C Total Organic Carbon 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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LEACHATE ANALYSIS REPORT

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LOCATION OF FACILITY: HAYWOOD; Harrison County

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PERMIT NO.: WV0075795 LM08

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01067 (ML-1) RF-C Nickel, Total (as Ni) 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
01087 (ML-1) RF-C Vanadium, Total (as V) 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
81020 (ML-1) RF-C Sulfate 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
00927 (ML-1) RF-C Magnesium, Tot (as Mg) 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
01059 (ML-1) RF-C Thallium, Total (as Tl) 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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Permit Limits

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LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM09

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00530 (ML-1) RF-C	Reported												
Total Suspended Solids	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
00400 (ML-1) RF-C	Reported												
pH	Permit Limits	N/A	N/A			Rpt Only	N/A	Rpt Only	N/A	S.U.		1/6 months	Grab
Year Round						Inst. Min.		Inst. Max.					
01002 (ML-1) RF-C	Reported												
Arsenic, Total (as As)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
01032 (ML-1) RF-C	Reported												
Chromium, Hexavalent	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
71900 (ML-1) RF-C	Reported												
Mercury, Total (as Hg)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					
01055 (ML-1) RF-C	Reported												
Manganese, Total (as Mn)	Permit Limits	N/A	N/A			N/A	Rpt Only	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round							Avg. Monthly	Max. Daily					

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LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM09

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01027 (ML-1) RF-C Cadmium, Total (as Cd) 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
01042 (ML-1) RF-C Copper, Total (as Cu) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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
01051 (ML-1) RF-C Lead, Total (as Pb) 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
01034 (ML-1) RF-C Chromium, Total (as Cr) 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

* 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
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM09

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01077 (ML-1) RF-C Silver, Total (as Ag) 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
01012 (ML-1) RF-C Beryllium, Total (as Be) 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
01147 (ML-1) RF-C Selenium, Total (as Se) 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
01007 (ML-1) RF-C Barium, Total (as Ba) 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
70295 (ML-1) RF-C Solids, Total Dissolved (TDS) 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
01097 (ML-1) RF-C Antimony, Total (as Sb) 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM09

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01022 (ML-1) RF-C Boron, Total (as B) 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
01062 (ML-1) RF-C Molybdenum, Total (as Mo) 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
00095 (ML-1) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
01092 (ML-1) RF-C Zinc, Total (as Zn) 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
00916 (ML-1) RF-C Calcium, Total (as Ca) 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
00680 (ML-1) RF-C Total Organic Carbon 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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NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

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FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM09

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01067 (ML-1) RF-C Nickel, Total (as Ni) 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
01087 (ML-1) RF-C Vanadium, Total (as V) 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
81020 (ML-1) RF-C Sulfate 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
00927 (ML-1) RF-C Magnesium, Tot (as Mg) 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
01059 (ML-1) RF-C Thallium, Total (as Tl) 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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LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM10

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01002 (ML-1) RF-C Arsenic, Total (as As) 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
01032 (ML-1) RF-C Chromium, Hexavalent 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
71900 (ML-1) RF-C Mercury, Total (as Hg) 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM10

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01027 (ML-1) RF-C Cadmium, Total (as Cd) 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
01042 (ML-1) RF-C Copper, Total (as Cu) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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
01051 (ML-1) RF-C Lead, Total (as Pb) 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
01034 (ML-1) RF-C Chromium, Total (as Cr) 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: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

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Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01077 (ML-1) RF-C Silver, Total (as Ag) 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
01012 (ML-1) RF-C Beryllium, Total (as Be) 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
01147 (ML-1) RF-C Selenium, Total (as Se) 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
01007 (ML-1) RF-C Barium, Total (as Ba) 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
70295 (ML-1) RF-C Solids, Total Dissolved (TDS) 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
01097 (ML-1) RF-C Antimony, Total (as Sb) 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

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PERMIT NO.: WV0075795 LM10

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01022 (ML-1) RF-C Boron, Total (as B) 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
01062 (ML-1) RF-C Molybdenum, Total (as Mo) 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
00095 (ML-1) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
01092 (ML-1) RF-C Zinc, Total (as Zn) 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
00916 (ML-1) RF-C Calcium, Total (as Ca) 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
00680 (ML-1) RF-C Total Organic Carbon 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
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM10

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01067 (ML-1) RF-C Nickel, Total (as Ni) 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
01087 (ML-1) RF-C Vanadium, Total (as V) 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
81020 (ML-1) RF-C Sulfate 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
00927 (ML-1) RF-C Magnesium, Tot (as Mg) 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
01059 (ML-1) RF-C Thallium, Total (as Tl) 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
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM11

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01002 (ML-1) RF-C Arsenic, Total (as As) 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
01032 (ML-1) RF-C Chromium, Hexavalent 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
71900 (ML-1) RF-C Mercury, Total (as Hg) 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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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LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CO

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM11

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01027 (ML-1) RF-C Cadmium, Total (as Cd) 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
01042 (ML-1) RF-C Copper, Total (as Cu) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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
01051 (ML-1) RF-C Lead, Total (as Pb) 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
01034 (ML-1) RF-C Chromium, Total (as Cr) 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

* 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
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM11

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01077 (ML-1) RF-C Silver, Total (as Ag) 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
01012 (ML-1) RF-C Beryllium, Total (as Be) 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
01147 (ML-1) RF-C Selenium, Total (as Se) 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
01007 (ML-1) RF-C Barium, Total (as Ba) 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
70295 (ML-1) RF-C Solids, Total Dissolved (TDS) 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
01097 (ML-1) RF-C Antimony, Total (as Sb) 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
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM11

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01022 (ML-1) RF-C Boron, Total (as B) 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
01062 (ML-1) RF-C Molybdenum, Total (as Mo) 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
00095 (ML-1) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
01092 (ML-1) RF-C Zinc, Total (as Zn) 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
00916 (ML-1) RF-C Calcium, Total (as Ca) 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
00680 (ML-1) RF-C Total Organic Carbon 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		

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM11

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01067 (ML-1) RF-C Nickel, Total (as Ni) 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
01087 (ML-1) RF-C Vanadium, Total (as V) 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
81020 (ML-1) RF-C Sulfate 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
00927 (ML-1) RF-C Magnesium, Tot (as Mg) 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
01059 (ML-1) RF-C Thallium, Total (as Tl) 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
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM12

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01002 (ML-1) RF-C Arsenic, Total (as As) 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
01032 (ML-1) RF-C Chromium, Hexavalent 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
71900 (ML-1) RF-C Mercury, Total (as Hg) 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM12

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01027 (ML-1) RF-C Cadmium, Total (as Cd) 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
01042 (ML-1) RF-C Copper, Total (as Cu) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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
01051 (ML-1) RF-C Lead, Total (as Pb) 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
01034 (ML-1) RF-C Chromium, Total (as Cr) 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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		Signature of Principal Executive Officer or Authorized Agent

2014

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM12

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01077 (ML-1) RF-C Silver, Total (as Ag) 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
01012 (ML-1) RF-C Beryllium, Total (as Be) 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
01147 (ML-1) RF-C Selenium, Total (as Se) 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
01007 (ML-1) RF-C Barium, Total (as Ba) 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
70295 (ML-1) RF-C Solids, Total Dissolved (TDS) 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
01097 (ML-1) RF-C Antimony, Total (as Sb) 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM12

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01022 (ML-1) RF-C Boron, Total (as B) 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
01062 (ML-1) RF-C Molybdenum, Total (as Mo) 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
00095 (ML-1) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	Rpt Only Avg. Monthly	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
01092 (ML-1) RF-C Zinc, Total (as Zn) 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
00916 (ML-1) RF-C Calcium, Total (as Ca) 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
00680 (ML-1) RF-C Total Organic Carbon 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM12

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
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
01067 (ML-1) RF-C Nickel, Total (as Ni) 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
01087 (ML-1) RF-C Vanadium, Total (as V) 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
81020 (ML-1) RF-C Sulfate 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
00927 (ML-1) RF-C Magnesium, Tot (as Mg) 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
01059 (ML-1) RF-C Thallium, Total (as Tl) 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			

2017

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM13

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL*	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
01032 (ML-1) RF-C Chromium, Hexavalent 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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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2018

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [LM13](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01147 (ML-1) RF-C Selenium, Total (as Se) 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
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

* 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
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM14

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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
01032 (ML-1) RF-C Chromium, Hexavalent 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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

* 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [LM14](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01147 (ML-1) RF-C Selenium, Total (as Se) 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
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

* 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
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM15

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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
01032 (ML-1) RF-C Chromium, Hexavalent 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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

* 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [LM15](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01147 (ML-1) RF-C Selenium, Total (as Se) 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
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

* 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 			

2023

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM16

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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
01032 (ML-1) RF-C Chromium, Hexavalent 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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

* 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			

2024

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [LM16](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01147 (ML-1) RF-C Selenium, Total (as Se) 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
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

* 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM17

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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
01032 (ML-1) RF-C Chromium, Hexavalent 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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

* 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [LM17](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01147 (ML-1) RF-C Selenium, Total (as Se) 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
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

* 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
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM18

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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
01032 (ML-1) RF-C Chromium, Hexavalent 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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

* 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
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [LM18](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01147 (ML-1) RF-C Selenium, Total (as Se) 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
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

* 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM19

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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
01032 (ML-1) RF-C Chromium, Hexavalent 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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

* 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
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [LM19](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01147 (ML-1) RF-C Selenium, Total (as Se) 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
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

* 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
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 LM20

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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
01032 (ML-1) RF-C Chromium, Hexavalent 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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	
		Signature of Principal Executive Officer or Authorized Agent 	
Title of Officer 			

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CO

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [LM20](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01147 (ML-1) RF-C Selenium, Total (as Se) 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
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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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
LEACHATE ANALYSIS REPORT

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [LM21](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	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
01032 (ML-1) RF-C Chromium, Hexavalent 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
01055 (ML-1) RF-C Manganese, Total (as Mn) 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
01105 (ML-1) RF-C Aluminum, Total (as Al) 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	
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Title of Officer			

STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
LEACHATE ANALYSIS REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [LM21](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01147 (ML-1) RF-C Selenium, Total (as Se) 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
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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		Signature of Principal Executive Officer or Authorized Agent 	
Title of Officer 			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 MW05

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00530 (ML-O) RF-C Total Suspended Solids Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00400 (ML-O) 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
01002 (ML-O) RF-C Arsenic, Total (as As) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
71900 (ML-O) RF-C Mercury, Total (as Hg) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00951 (ML-O) RF-C Fluoride, Total Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01027 (ML-O) RF-C Cadmium, Total (as Cd) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab

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		Signature of Principal Executive Officer or Authorized Agent 	
Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 MW05

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01051 (ML-O) RF-C Lead, Total (as Pb) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01034 (ML-O) RF-C Chromium, Total (as Cr) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01012 (ML-O) RF-C Beryllium, Total (as Be) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01147 (ML-O) RF-C Selenium, Total (as Se) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01007 (ML-O) RF-C Barium, Total (as Ba) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01097 (ML-O) RF-C Antimony, Total (as Sb) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab

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Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 MW05

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01062 (ML-O) RF-C Molybdenum, Total (as Mo) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00095 (ML-O) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
00011 (ML-O) RF-C Temperature, F Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	DEG.F		1/6 months	Grab
01059 (ML-O) RF-C Thallium, Total (as Tl) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
11503 (ML-O) RF-C Radium 226 and 228, Total Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	pCi/L		1/6 months	Grab
01037 (ML-O) RF-C Cobalt, Total (as Co) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab

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Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CO

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 MW05

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01132 (ML-O) RF-C	Reported												
Lithium, Total (as Li)	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only	N/A	mg/l		1/6 months	Grab
Year Round								Max. Daily					

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Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 MW17

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00530 (ML-O) RF-C Total Suspended Solids Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00400 (ML-O) 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
01002 (ML-O) RF-C Arsenic, Total (as As) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.01 Max. Daily	N/A	mg/l		1/6 months	Grab
71900 (ML-O) RF-C Mercury, Total (as Hg) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.002 Max. Daily	N/A	mg/l		1/6 months	Grab
00951 (ML-O) RF-C Fluoride, Total Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	4 Max. Daily	N/A	mg/l		1/6 months	Grab
01027 (ML-O) RF-C Cadmium, Total (as Cd) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.005 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	
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STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
MONITORING WELL REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW17](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01051 (ML-O) RF-C Lead, Total (as Pb) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.015 Max. Daily	N/A	mg/l		1/6 months	Grab
01034 (ML-O) RF-C Chromium, Total (as Cr) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.1 Max. Daily	N/A	mg/l		1/6 months	Grab
01012 (ML-O) RF-C Beryllium, Total (as Be) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.004 Max. Daily	N/A	mg/l		1/6 months	Grab
01147 (ML-O) RF-C Selenium, Total (as Se) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.05 Max. Daily	N/A	mg/l		1/6 months	Grab
01007 (ML-O) RF-C Barium, Total (as Ba) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	2 Max. Daily	N/A	mg/l		1/6 months	Grab
01097 (ML-O) RF-C Antimony, Total (as Sb) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.006 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
MONITORING WELL REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

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PERMIT NO.: WV0075795 [MW17](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01062 (ML-O) RF-C Molybdenum, Total (as Mo) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.1 Max. Daily	N/A	mg/l		1/6 months	Grab
00095 (ML-O) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
00011 (ML-O) RF-C Temperature, F Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	DEG.F		1/6 months	Grab
01059 (ML-O) RF-C Thallium, Total (as Tl) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.002 Max. Daily	N/A	mg/l		1/6 months	Grab
11503 (ML-O) RF-C Radium 226 and 228, Total Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	5 Max. Daily	N/A	pCi/L		1/6 months	Grab
01037 (ML-O) RF-C Cobalt, Total (as Co) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.006 Max. Daily	N/A	mg/l		1/6 months	Grab

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Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CO

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 MW17

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL*	Units	N.E.		
01132 (ML-O) RF-C	Reported								N/A	mg/l			Grab
Lithium, Total (as Li)	Permit Limits	N/A	N/A			N/A	N/A	0.04					
Year Round						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	
		Signature of Principal Executive Officer or Authorized Agent 	
Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW18](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00530 (ML-O) RF-C Total Suspended Solids Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00400 (ML-O) 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
01002 (ML-O) RF-C Arsenic, Total (as As) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.01 Max. Daily	N/A	mg/l		1/6 months	Grab
71900 (ML-O) RF-C Mercury, Total (as Hg) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.002 Max. Daily	N/A	mg/l		1/6 months	Grab
00951 (ML-O) RF-C Fluoride, Total Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	4 Max. Daily	N/A	mg/l		1/6 months	Grab
01027 (ML-O) RF-C Cadmium, Total (as Cd) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.005 Max. Daily	N/A	mg/l		1/6 months	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	
		Signature of Principal Executive Officer or Authorized Agent 	
Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW18](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01051 (ML-O) RF-C Lead, Total (as Pb) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.015 Max. Daily	N/A	mg/l		1/6 months	Grab
01034 (ML-O) RF-C Chromium, Total (as Cr) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.1 Max. Daily	N/A	mg/l		1/6 months	Grab
01012 (ML-O) RF-C Beryllium, Total (as Be) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.004 Max. Daily	N/A	mg/l		1/6 months	Grab
01147 (ML-O) RF-C Selenium, Total (as Se) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.05 Max. Daily	N/A	mg/l		1/6 months	Grab
01007 (ML-O) RF-C Barium, Total (as Ba) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	2 Max. Daily	N/A	mg/l		1/6 months	Grab
01097 (ML-O) RF-C Antimony, Total (as Sb) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.006 Max. Daily	N/A	mg/l		1/6 months	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	
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STATE OF WEST VIRGINIA
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM
MONITORING WELL REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 MW18

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01062 (ML-O) RF-C Molybdenum, Total (as Mo) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.1 Max. Daily	N/A	mg/l		1/6 months	Grab
00095 (ML-O) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
00011 (ML-O) RF-C Temperature, F Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	DEG.F		1/6 months	Grab
01059 (ML-O) RF-C Thallium, Total (as Tl) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.002 Max. Daily	N/A	mg/l		1/6 months	Grab
11503 (ML-O) RF-C Radium 226 and 228, Total Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	5 Max. Daily	N/A	pCi/L		1/6 months	Grab
01037 (ML-O) RF-C Cobalt, Total (as Co) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.006 Max. Daily	N/A	mg/l		1/6 months	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
		Signature of Principal Executive Officer or Authorized Agent
Title of Officer		

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CO

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW18](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01132 (ML-O) RF-C	Reported												
Lithium, Total (as Li)	Permit Limits	N/A	N/A			N/A	N/A	0.04	N/A	mg/l		1/6 months	Grab
Year Round								Max. Daily					

* CEL = Compliance Evaluation Level

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		Signature of Principal Executive Officer or Authorized Agent	
Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW19](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00530 (ML-O) RF-C Total Suspended Solids Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00400 (ML-O) 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
01002 (ML-O) RF-C Arsenic, Total (as As) Year Round Interim: 4/1/2025 to 3/31/2028	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01002 (ML-O) RF-C Arsenic, Total (as As) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.01 Max. Daily	N/A	mg/l		1/6 months	Grab
71900 (ML-O) RF-C Mercury, Total (as Hg) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.002 Max. Daily	N/A	mg/l		1/6 months	Grab
00951 (ML-O) RF-C Fluoride, Total Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	4 Max. Daily	N/A	mg/l		1/6 months	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	
		Signature of Principal Executive Officer or Authorized Agent	
Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CO

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW19](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01027 (ML-O) RF-C Cadmium, Total (as Cd) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.005 Max. Daily	N/A	mg/l		1/6 months	Grab
01051 (ML-O) RF-C Lead, Total (as Pb) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.015 Max. Daily	N/A	mg/l		1/6 months	Grab
01034 (ML-O) RF-C Chromium, Total (as Cr) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.1 Max. Daily	N/A	mg/l		1/6 months	Grab
01012 (ML-O) RF-C Beryllium, Total (as Be) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.004 Max. Daily	N/A	mg/l		1/6 months	Grab
01147 (ML-O) RF-C Selenium, Total (as Se) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.05 Max. Daily	N/A	mg/l		1/6 months	Grab
01007 (ML-O) RF-C Barium, Total (as Ba) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	2 Max. Daily	N/A	mg/l		1/6 months	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
MONITORING WELL REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW19](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01097 (ML-O) RF-C Antimony, Total (as Sb) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.006 Max. Daily	N/A	mg/l		1/6 months	Grab
01062 (ML-O) RF-C Molybdenum, Total (as Mo) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.1 Max. Daily	N/A	mg/l		1/6 months	Grab
00095 (ML-O) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
00011 (ML-O) RF-C Temperature, F Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	DEG.F		1/6 months	Grab
01059 (ML-O) RF-C Thallium, Total (as Tl) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.002 Max. Daily	N/A	mg/l		1/6 months	Grab
11503 (ML-O) RF-C Radium 226 and 228, Total Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	5 Max. Daily	N/A	pCi/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
MONITORING WELL REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 MW19

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01037 (ML-O) RF-C Cobalt, Total (as Co) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.006 Max. Daily	N/A	mg/l		1/6 months	Grab
01132 (ML-O) RF-C Lithium, Total (as Li) Year Round Interim: 4/1/2025 to 3/31/2028	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01132 (ML-O) RF-C Lithium, Total (as Li) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.04 Max. Daily	N/A	mg/l		1/6 months	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	
		Signature of Principal Executive Officer or Authorized Agent 	
Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW20](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00530 (ML-O) RF-C Total Suspended Solids Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00400 (ML-O) 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
01002 (ML-O) RF-C Arsenic, Total (as As) Year Round Interim: 4/1/2025 to 3/31/2028	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01002 (ML-O) RF-C Arsenic, Total (as As) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.01 Max. Daily	N/A	mg/l		1/6 months	Grab
71900 (ML-O) RF-C Mercury, Total (as Hg) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.002 Max. Daily	N/A	mg/l		1/6 months	Grab
00951 (ML-O) RF-C Fluoride, Total Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	4 Max. Daily	N/A	mg/l		1/6 months	Grab

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

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PERMIT NO.: WV0075795 [MW20](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01027 (ML-O) RF-C Cadmium, Total (as Cd) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.005 Max. Daily	N/A	mg/l		1/6 months	Grab
01051 (ML-O) RF-C Lead, Total (as Pb) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.015 Max. Daily	N/A	mg/l		1/6 months	Grab
01034 (ML-O) RF-C Chromium, Total (as Cr) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.1 Max. Daily	N/A	mg/l		1/6 months	Grab
01012 (ML-O) RF-C Beryllium, Total (as Be) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.004 Max. Daily	N/A	mg/l		1/6 months	Grab
01147 (ML-O) RF-C Selenium, Total (as Se) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.05 Max. Daily	N/A	mg/l		1/6 months	Grab
01007 (ML-O) RF-C Barium, Total (as Ba) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	2 Max. Daily	N/A	mg/l		1/6 months	Grab

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		Signature of Principal Executive Officer or Authorized Agent 	
Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW20](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01097 (ML-O) RF-C Antimony, Total (as Sb) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.006 Max. Daily	N/A	mg/l		1/6 months	Grab
01062 (ML-O) RF-C Molybdenum, Total (as Mo) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.1 Max. Daily	N/A	mg/l		1/6 months	Grab
00095 (ML-O) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
00011 (ML-O) RF-C Temperature, F Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	DEG.F		1/6 months	Grab
01059 (ML-O) RF-C Thallium, Total (as Tl) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.002 Max. Daily	N/A	mg/l		1/6 months	Grab
11503 (ML-O) RF-C Radium 226 and 228, Total Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	5 Max. Daily	N/A	pCi/L		1/6 months	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	
		Signature of Principal Executive Officer or Authorized Agent 	
Title of Officer			

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW20](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01037 (ML-O) RF-C Cobalt, Total (as Co) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.006 Max. Daily	N/A	mg/l		1/6 months	Grab
01132 (ML-O) RF-C Lithium, Total (as Li) Year Round Interim: 4/1/2025 to 3/31/2028	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01132 (ML-O) RF-C Lithium, Total (as Li) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	0.04 Max. Daily	N/A	mg/l		1/6 months	Grab

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW23](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
00530 (ML-O) RF-C	Reported												
Total Suspended Solids	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00400 (ML-O) RF-C	Reported												
pH	Permit Limits	N/A	N/A			Rpt Only Inst. Min.	N/A	Rpt Only Inst. Max.	N/A	S.U.		1/6 months	Grab
01002 (ML-O) RF-C	Reported												
Arsenic, Total (as As)	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
71900 (ML-O) RF-C	Reported												
Mercury, Total (as Hg)	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00951 (ML-O) RF-C	Reported												
Fluoride, Total	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01027 (ML-O) RF-C	Reported												
Cadmium, Total (as Cd)	Permit Limits	N/A	N/A			N/A	N/A	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
MONITORING WELL REPORT

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW23](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01051 (ML-O) RF-C Lead, Total (as Pb) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01034 (ML-O) RF-C Chromium, Total (as Cr) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01012 (ML-O) RF-C Beryllium, Total (as Be) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01147 (ML-O) RF-C Selenium, Total (as Se) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01007 (ML-O) RF-C Barium, Total (as Ba) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
01097 (ML-O) RF-C Antimony, Total (as Sb) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab

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STATE OF WEST VIRGINIA
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Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CC

CERTIFIED LABORATORY NAME: _____

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CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW23](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01062 (ML-O) RF-C Molybdenum, Total (as Mo) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
00095 (ML-O) RF-C Specific Conductance Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	UMHO/CM		1/6 months	Grab
00011 (ML-O) RF-C Temperature, F Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	DEG.F		1/6 months	Grab
01059 (ML-O) RF-C Thallium, Total (as Tl) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
11503 (ML-O) RF-C Radium 226 and 228, Total Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	pCi/L		1/6 months	Grab
01037 (ML-O) RF-C Cobalt, Total (as Co) Year Round	Reported												
	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab

* CEL = Compliance Evaluation Level

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

Permit Limits

FACILITY NAME: (Harrison Power Station CCR Landfill) MONONGAHELA POWER CO

CERTIFIED LABORATORY NAME: _____

LOCATION OF FACILITY: HAYWOOD; Harrison County

CERTIFIED LABORATORY ADDRESS: _____

PERMIT NO.: WV0075795 [MW23](#)

WASTELOAD FOR THE MONTH OF: _____

INDIVIDUAL PERFORMING ANALYSIS: _____

Parameter		Quantity				Other Units						Measurement Frequency	Sample Type
				Units	N.E.				CEL *	Units	N.E.		
01132 (ML-O) RF-C	Reported												
Lithium, Total (as Li)	Permit Limits	N/A	N/A			N/A	N/A	Rpt Only Max. Daily	N/A	mg/l		1/6 months	Grab
Year Round													

* 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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**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	

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.

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.

July 15, 2024

Via email (Yogesh.p.patel@wv.gov; john.v.lockhart@wv.gov)

Mr. Yogesh P. Patel, Chief Engineer, Permitting
Mr. John V. Lockhart, Senior Engineer, Permitting
Division of Water and Waste Management
WV Department of Environmental Protection
601 57th Street
Charleston, WV 25304-2345

**RE: Supplemental Comments of Monongahela Power Company on
Draft NPDES Permit No. WV0075795 for
Harrison CCR Landfill
Harrison County, Haywood, WV**

Dear Mr. Patel and Mr. Lockhart:

Thank you again for taking the time to hold a virtual meeting with representatives of Monongahela Power Company (“MonPower”) to discuss the draft WV/NPDES Permit No. WV0075795 (the “Draft Permit”) for the Harrison Landfill (“Harrison” or the “Landfill”), located in Haywood, Harrison County, West Virginia, and MonPower’s written comments on the Draft Permit reflected in its letter dated May 28, 2024. Although MonPower and the agency made significant progress in resolving some of the concerns raised during the comment period, several issues remain in dispute. Reserving our positions as expressed in the May 28, 2024 comment letter, MonPower submits this letter in hopes of concluding this matter in a way that will enable both parties to move towards a final permit that fairly addresses the remaining issues while remaining fully protective of public health and the environment.

MonPower’s May 28, 2024 letter and our subsequent discussions reflect information and arguments that raise substantial new questions concerning the permit. We therefore ask that the agency re-open the comment period pursuant to W. Va. C.S.R. § 47-10-12.4.a to allow for submission and consideration of additional information, including the information set forth below. Once the agency has considered all information, we also ask that the agency issue a revised draft permit prior to issuing a final version as authorized by W. Va. C.S.R. § 47-10-12.4.a.

I. Surface water issues.

A. Proposed boron limits at Outlet 008.

Along with this letter, MonPower is submitting water quality data reflecting background concentrations of boron in the receiving stream. Once an appropriate mixing zone is applied as

authorized by W. Va. C.S.R. § 47-2-5, this data demonstrates the absence of any reasonable potential to exceed the standards that WVDEP used to calculate the boron effluent limits set forth in the Draft Permit.

B. LC50 value for sulfate at Outlet 008.

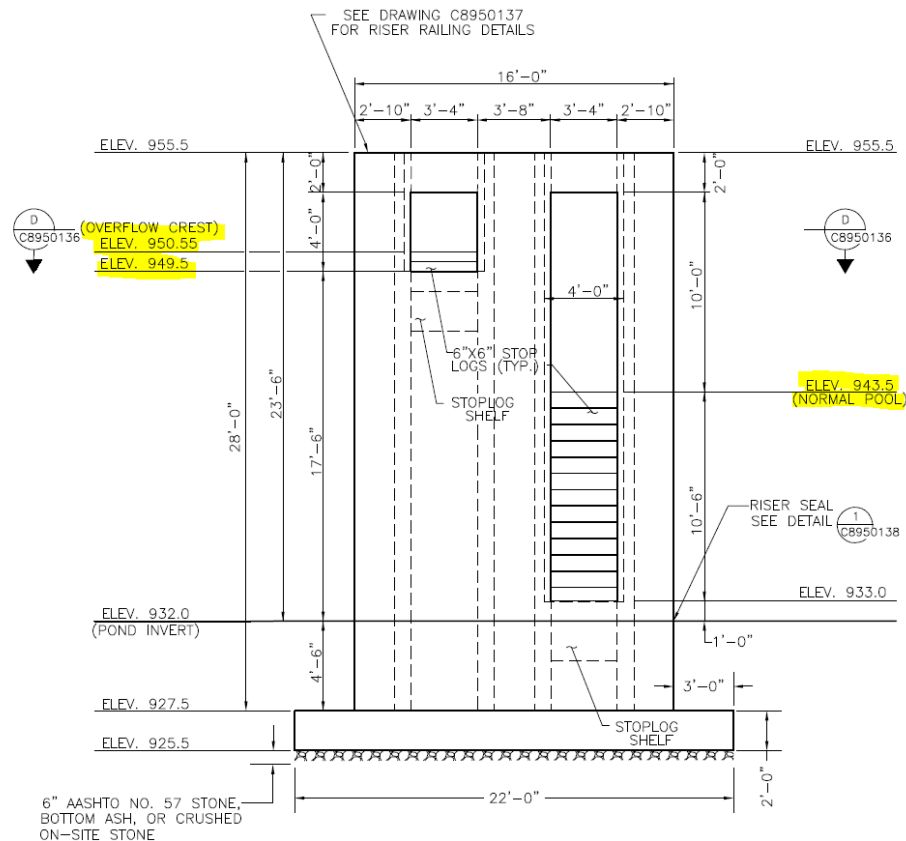
We understand that WVDEP is willing to modify the Draft Permit to include provisions pertaining to sulfate at Outlet 008 similar to those found in the NPDES permit for the McElroy's Run (Pleasants) CCR facility (WV0079171) with respect to sulfate. Specifically, WVDEP will add a provision requiring acute whole effluent toxicity ("WET") monitoring for ceriodaphnia dubia and pimephales promelas on a semi-annual basis at Outlet 008. In conjunction with that, MonPower does not oppose inclusion of a provision (similar to section C.23 of the McElroy's Run permit) that reads as follows:

In the event of two successive exceedances of an acute whole effluent toxicity value of 1.6 TUa max daily, the permittee shall submit, with a major permit modification application, the results of relevant aquatic field studies, standard bioassay test data which exists in substantial available scientific literature to establish a 96-hour, or equivalent (i.e. 48-hour, etc), LC50 or safe concentration value for sulfate per 47 CSR 2, Section 9.1 and 9.2. If a suitable LC50 cannot be identified from the study, the permittee shall certify as such in the modification application.

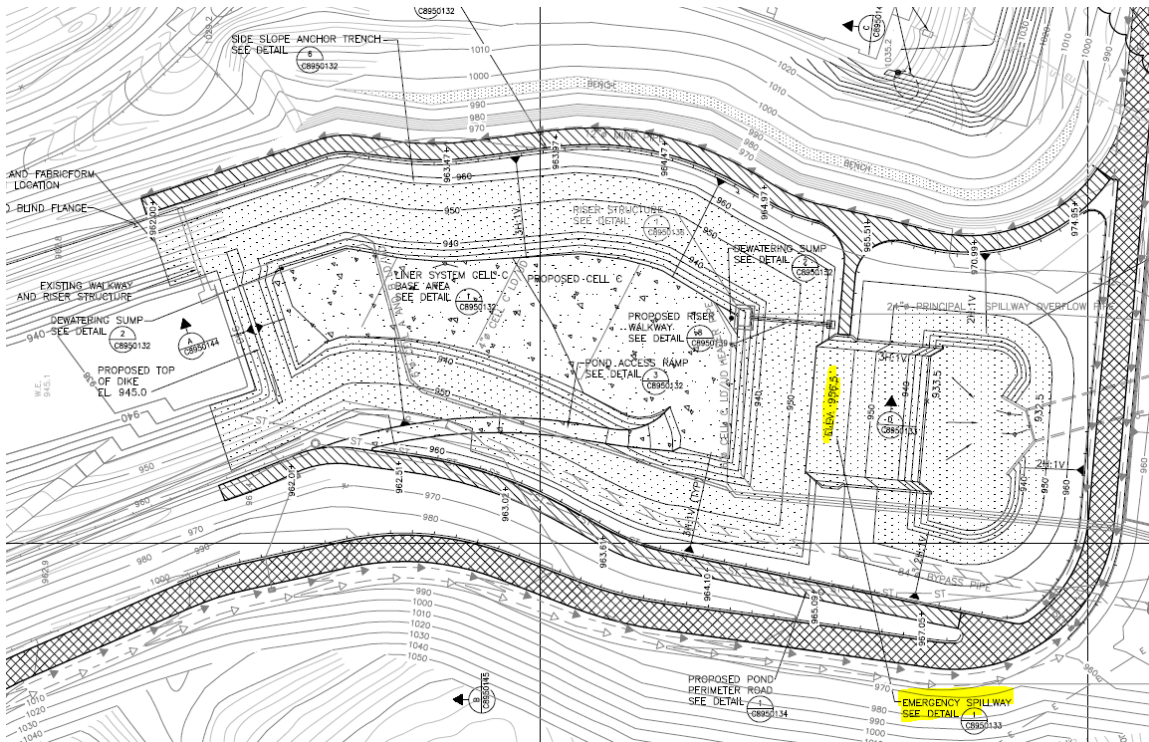
C. Removal of Outlet 020

Outlet 020 is included in the existing version of the permit (issued on September 19, 2016). The Draft Permit would remove Outlet 020 as an authorized discharge point from Sediment Pond No. 1. During discussions about removal of Outlet 20, the agency explained that it did so in light of the installation of a diffuser at the discharge point for Outlet 008. According to the agency, the diffuser could be considered a part of the treatment facility for the discharge from Sedimentation Pond No. 1. Since water discharging from the structure through Outlet 020 would not go through the diffuser, the agency believes that such a discharge might be viewed as a "bypass" of the treatment system and therefore cannot be a permitted outlet. The agency further noted that discharges from Outlet 020 would have to be reported to the "spill hotline" (assuming Outlet 020 is not a permitted outlet in the final permit).

Both Outlet 020 and Outlet 008 convey treated water from Sedimentation Pond No. 1. As shown in the diagram below, which also appears in the drawings separately submitted as an attachment to this letter, the outlet to which water flows from Sedimentation Pond No. 1 depends on the surface elevation of the pond (i.e. how much water is in the pond).



At elevations consistent with “normal pool” (943.5’ to 950.49’) water discharges to Outlet 008 through the riser structure on the right. If the pond elevation reaches 950.55’ due to high volumes of precipitation, water begins also discharging to Outlet 020 through the riser structure on the left. Only if the pond elevation reaches 956.5’ will water discharge through a separate emergency spillway shown in the image below, which also appears in the separate drawings submitted as an attachment to this letter.



Outlet 020 functions to prevent the pond from reaching Adverse or Standby Alert conditions (water level of 953.5 ft msl) as defined in the Dam Monitoring and Emergency Action Plan (ID #03333), and ultimately discharging through the emergency spillway. Outlet 020 is thus a critical safety feature designed to protect the integrity of the pond and nearby areas. MonPower is unable to remove or disable this discharge point without compromising the safety of the structure.

According to historical monitoring data, Outlet 020 has rarely discharged. Since 2012, only five discharges have been reported, and none since 2018. This data indicates that Outlet 020 should rarely discharge in the future.

Given the design and structure of Sediment Pond No. 1, there are no feasible alternatives to a discharge through Outlet 020 under the circumstances in which it is designed to discharge. As explained above, in light of the purpose of Outlet 020 and overall design of Sediment Pond No. 1, any future discharge would be unavoidable to prevent loss of life, personal injury, or severe property damage. Thus, MonPower understands that any future discharge from former Outlet 020 (assuming it is removed from the final permit) would be consistent with applicable law, assuming all reporting obligations are satisfied.

C. Proposed effluent limits and compliance schedule for (i) iron at storm water Outlets 012, 013, 014, and 015; and (ii) aluminum at storm water Outlet 012.

In prior versions of this permit, iron and aluminum were “report only” parameters at these outlets. Unlike other stormwater outlets, no benchmark values were established for these parameters. Thus, the agency has never given MonPower an opportunity to achieve compliance with stormwater benchmark values. Rather, the agency skipped this important step and went

directly from “report only” monitoring to imposition of effluent limits at these outlets. Consistent with DEP and EPA policies governing stormwater discharges, the revised permit should establish benchmark values for iron and aluminum instead of effluent limits. Once sufficient data has been gathered to assess compliance with the benchmark values, MonPower and the agency will be in a position to identify what additional steps, if any, may be appropriate.

II. Groundwater issues.

A. Assessments of Corrective Measures (“ACM”) for molybdenum, lithium, and arsenic; Selection of Remedies (“SOR”).

MonPower does not object to the requirement set forth in the draft permit to submit an SOR for arsenic. However, MonPower requests additional time to submit the SOR. The applicable section of the federal CCR rule, 40 CFR § 257.97, does not establish any fixed deadline to complete the SOR process. Rather, the regulation states that a SOR should be completed “as soon as feasible” and requires submission of semi-annual progress reports – a recognition that the SOR process can take multiple years to complete.

It is unreasonable to impose a requirement to complete the SOR process within 18 months in light of the Facility’s hydrogeologic characteristics. The very low hydraulic conductivity of the Lower Sewickley Sandstone aquifer and associated difficulties with obtaining representative groundwater samples from any newly installed monitoring wells will likely extend the time necessary to properly characterize the extent of arsenic impacts. There is no requirement for WVDEP to complete, or require the completion of, the SOR process before MonPower is able to fully evaluate the extent of arsenic impacts.

MonPower requests a 36-month period to complete the SOR process with the option to seek additional time based on site-specific complexities. This is consistent with the 36-month period granted in a WV/NPDES permit issued to MonPower affiliate, Allegheny Energy Supply Company, for its CCR landfill at McElroy Run in Pleasants County (WV0079171; modification granted on February 7, 2024).

Although molybdenum levels have shown a decreasing trend and the concentrations have now been below the GWPS for a period of 5 years, it’s our understanding WVDEP would nonetheless like past molybdenum exceedances to be further addressed through the CCR Rule Alternate Source Demonstration (ASD)/ACM process.

However, molybdenum was previously addressed in the CCR Rule Appendix IV ASD Report prepared in October 2019. At that time, molybdenum levels had already decreased to levels below the GWPS and the report demonstrated that a source other than the landfill caused the temporary increase of molybdenum levels in one monitoring well (MW-20).

Mon Power believes we have met the standard in 40 CFR §257.95(g)(3)(ii) that requires us to demonstrate a source other than the CCR unit caused the contamination. (The presence of molybdenum can be attributed to well installation activities such as grout infiltration into the sand pack, an extended period of well equilibration with the surrounding formation due to low hydraulic conductivity of the Sewickley Sandstone, and high turbidity levels.) The ASD report

recommended that future monitoring results be evaluated to confirm that the downward trend in molybdenum levels.

In order to further document the molybdenum trends and justify that it's unnecessary to carry molybdenum through the ACM process, Mon Power proposes to prepare an addendum to the 2019 App IV ASD report that includes the past 5 years of data showing decreasing levels below the GWPS. The ASD addendum will also demonstrate that the requirement in 33CSR1 4.11.g.5.B which considers a remedy to be complete if concentrations have not exceeded the GWPS for a period of 3 years has been met.

With respect to lithium, MonPower is in the process of preparing an "alternate source demonstration" ("ASD") for lithium. MonPower requests additional time to complete an ASD for lithium before being required to complete an ACM for lithium. Specifically, MonPower requests 18 months after the effective date of the permit to complete the ASD. If MonPower establishes an alternate source for lithium, no ACM should be required. If MonPower does not establish an alternate source for lithium, an ACM could be required with a completion deadline of 18 months after DEP's decision on the ASD.

B. Alternative Source Demonstration ("ASD") for Appendix III parameters.

We appreciate the agency's clarification that MonPower may submit ASDs for Appendix III parameters consistent with the CCR rule (40 CFR Part 257). To avoid any doubt or potential confusion, Section D.1.e of the final permit should be revised to clearly allow the permittee the option to elect to pursue an ASD in the event of a statistically significant increase over background levels for a parameter listed in Appendix III of the CCR rule in accordance with the language requested under Item II.G below.

C. Drilling of an additional groundwater monitoring well east of existing MW-20.

We understand that the proposed new monitoring well was a suggestion from the agency and will not be a requirement set forth in the permit.

D. Landowner notification.

MonPower does not object to including a term in the permit requiring landowner notification as required by the CCR Rule. MonPower respectfully disagrees with the conclusion set forth in the Fact Sheet that the "agency believes that migration of arsenic is occurring offsite in the direction of MW-23 above the arsenic background and likely above the MCL." MonPower understands that the permit itself will not contain an express directive requiring notification of the specific landowner that is the subject of the agency's comment in the Fact Sheet.

E. Average monthly reporting for groundwater monitoring.

We appreciate the agency's agreement to replace the monthly average reporting requirements at MW-05 for total suspended solids, mercury, selenium, and radium (see pages 73 – 75) with semi-annual reporting requirements.

F. Groundwater flow rate and direction reporting.

MonPower understands that the agency acknowledges that groundwater flow rates can be provided annually based on updated hydraulic gradients that use hydraulic conductivity values already established during previous studies at the site.

G. Reference and paraphrasing of provisions in both 33 CSR 1 (landfills in general) and 33 CSR 1B (incorporation of federal CCR rule).

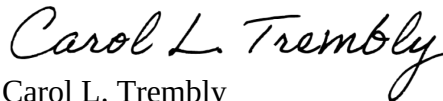
We appreciate your willingness to consider MonPower's suggestions to clarify the permittee's obligations under 33 CSR 1 (landfills in general) and 33 CSR 1B (incorporation of the federal CCR rule) by requiring compliance with the applicable provisions of the federal CCR rule as was done in Section D.1.b of the Draft Permit, with any modifications by the Department clearly denoted. We would be happy to discuss any proposed permit language to achieve this goal.

III. Conclusion.

We thank the agency in advance for its consideration of these additional comments. As indicated above, we ask that the agency re-open the comment period pursuant to W. Va. C.S.R. § 47-10-12.4.a to allow for submission and consideration of additional information, including the information provided in these comments. Once the agency has considered all such information, we also ask that the agency issue a revised draft permit prior to issuing a final version as authorized by W. Va. C.S.R. § 47-10-12.4.a.

We would be happy to answer any questions or provide further information upon request.

Sincerely,



Carol L. Trembly

Supervisor, Water, SPCC and Environmental Services
Monongahela Power Company

cc: James A. Meade, Esq.
Mark Amendola, P.E.

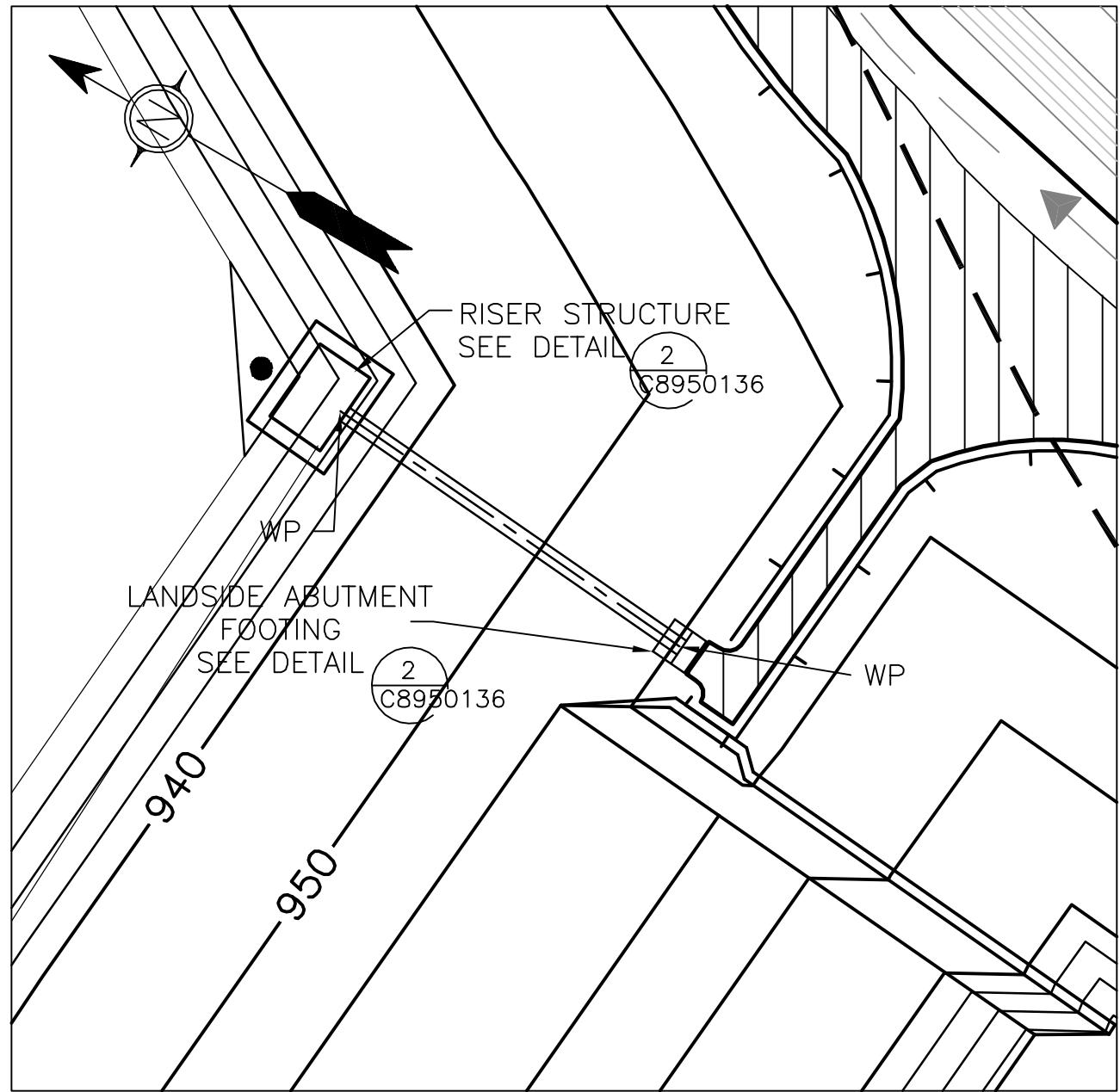
Outlet 008 Supplement Information for Boron

While MonPower disputes that any *reasonable potential* assessment should be conducted for boron for the reasons explained in our May 28, 2024, comment letter, MonPower is providing the following West Fork River background data for boron. These data were collected from the Harrison Power Station intake approximately 2,700 ft upstream of Outlet 008. The actual laboratory results can be provided upon request.

Date	Boron, mg/L	Boron, ND = 1/2 MDL, mg/L
1/11/2023	< 0.015	0.008
2/8/2023	0.0382	0.038
3/1/2023	0.1075	0.108
4/5/2023	0.0985	0.099
5/3/2023	0.0372	0.037
6/7/2023	0.0501	0.050
7/6/2023	< 0.1145	0.057
8/2/2023	< 0.1145	0.057
10/4/2023	0.1225	0.123
12/6/2023	< 0.1145	0.057
1/10/2024	< 0.1145	0.057
2/14/2024	< 0.1145	0.057
3/6/2024	< 0.1145	0.057
4/3/2024	< 0.1145	0.057
	Average	0.062

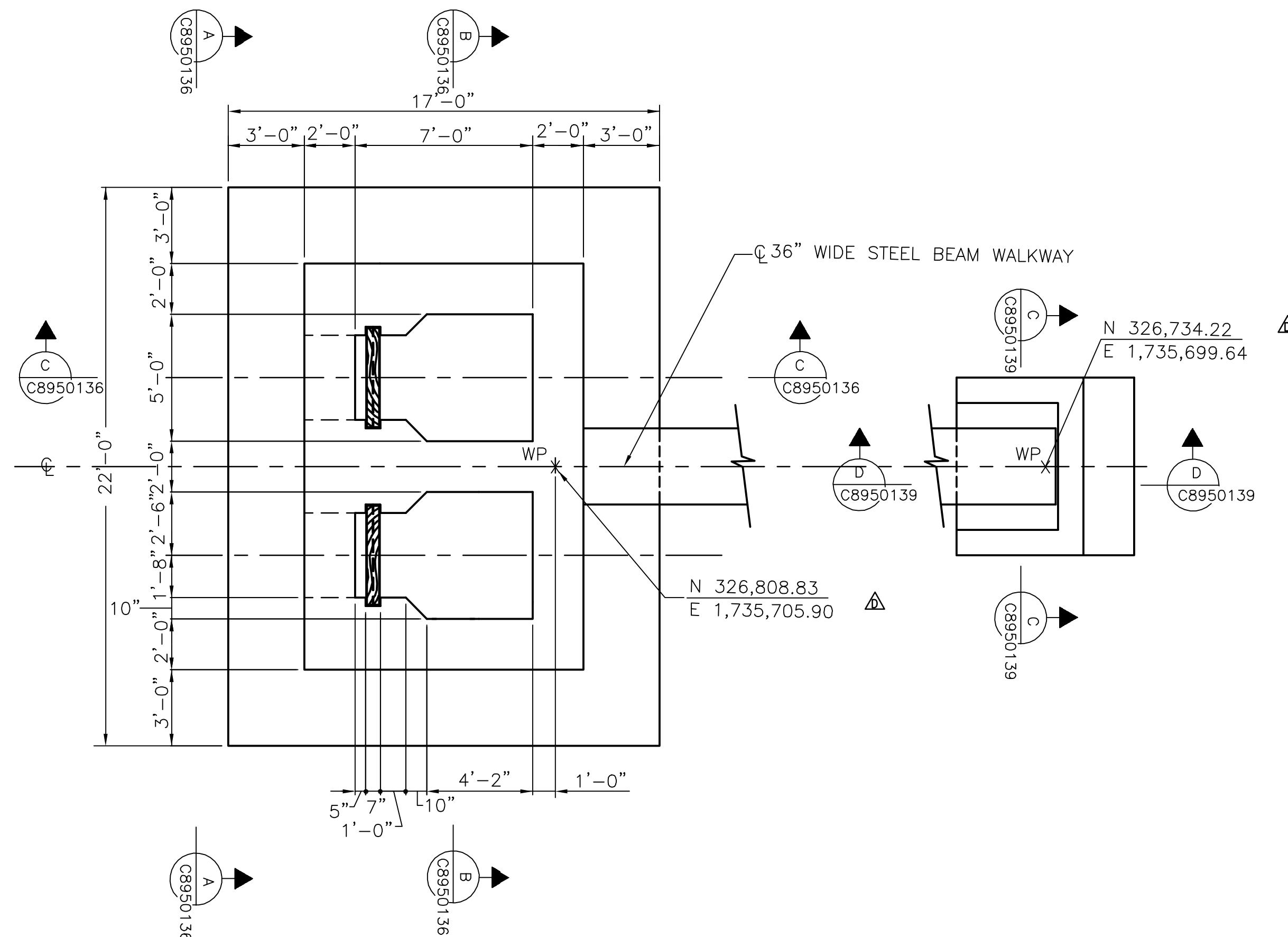
When using these data as background (0.062 mg/L) with the authorized ZID dilutions provided in the draft permit Fact Sheet (5.4) and the human health dilutions used for other WQBEL calculations (12.6), there is no *reasonable potential* to exceed any applicable water quality standard.¹ Therefore, in addition to the reasons provided in our May 28, 2024, comment letter, the renewed NPDES permit should not contain effluent limits for boron.

¹ No *reasonable potential* when using the Outlet 008 WQBEL calculation file provided by the Department with a background concentration of 0.062 mg/L and 5.4 ZID dilutions and 12.6 human health dilutions.



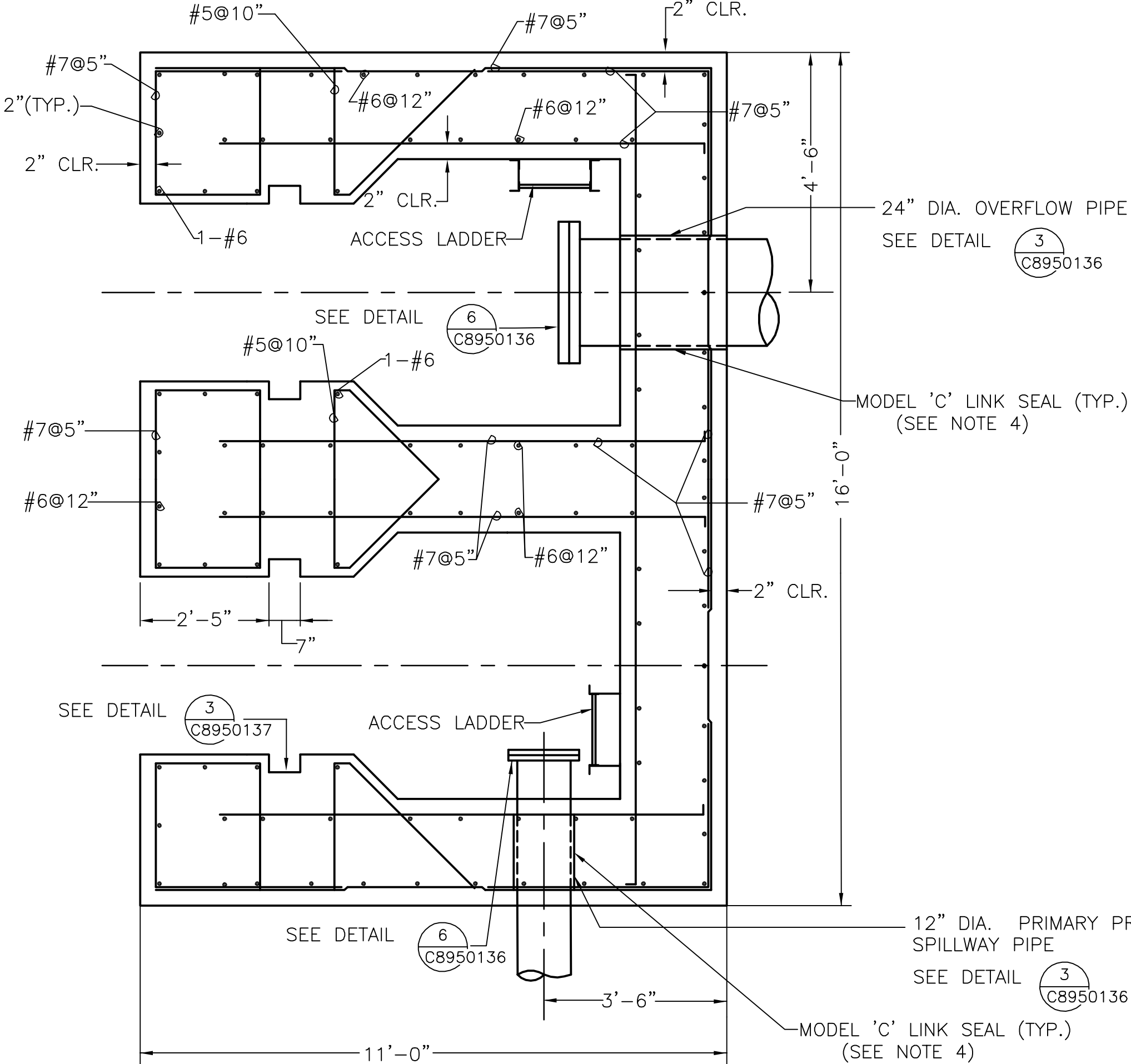
PLAN
RISER STRUCTURE LOCATION
(SOUTHEAST CORNER OF CELL C)

SCALE: 1"=30'



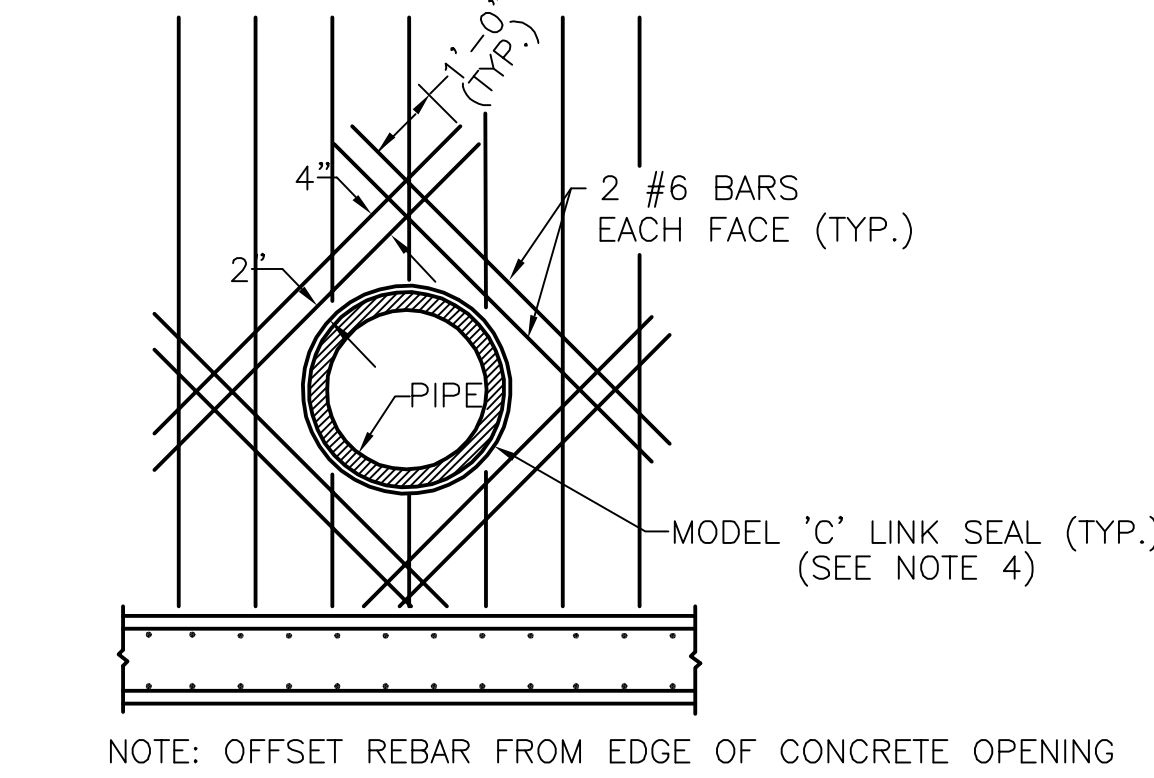
DETAIL
PLAN-RISER STRUCTURE AND
LANDSIDE ABUTMENT FOOTING

SCALE: 1/4" = 1'



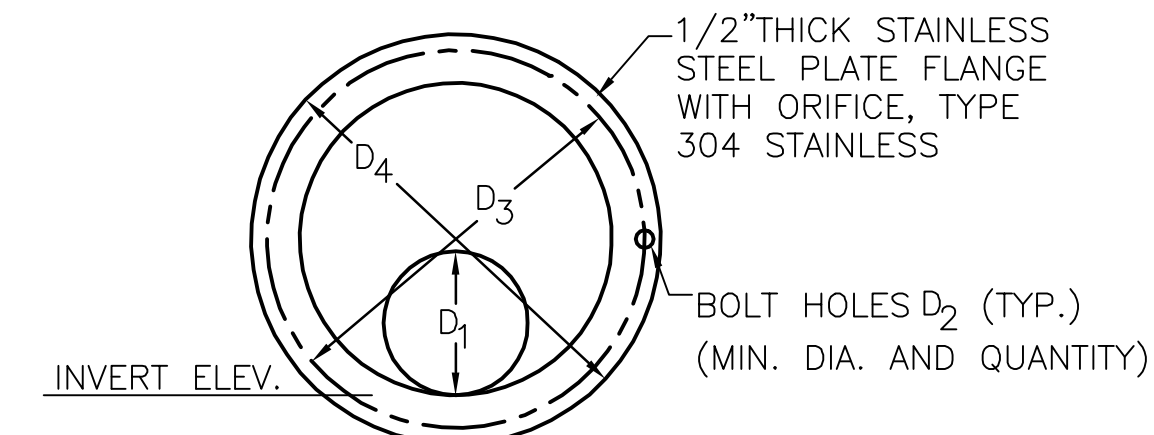
SECTION
SECTION THROUGH RISER

SCALE: 1/2" = 1'



DETAIL
REINFORCEMENT AROUND
PIPE OPENINGS

SCALE: NTS

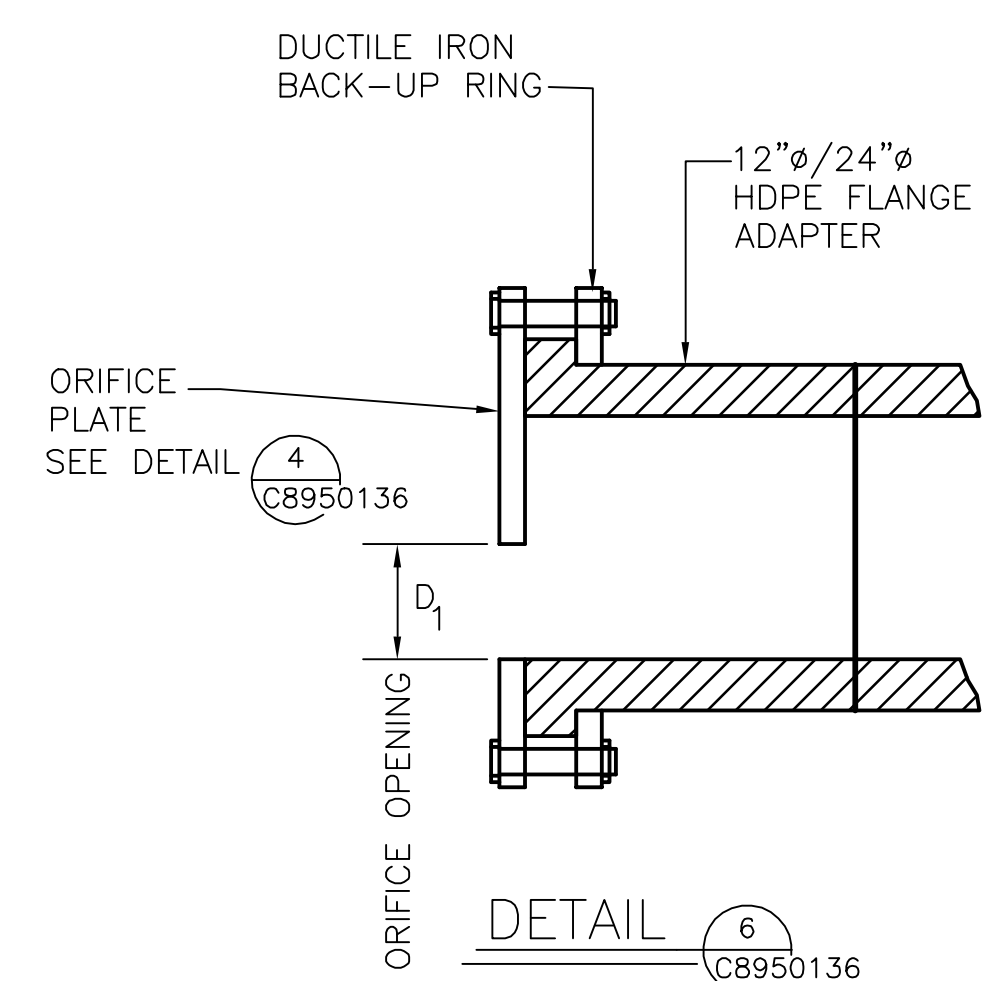


DETAIL
SPILLWAY PIPE ORIFICE PLATES

SCALE: N.T.S.

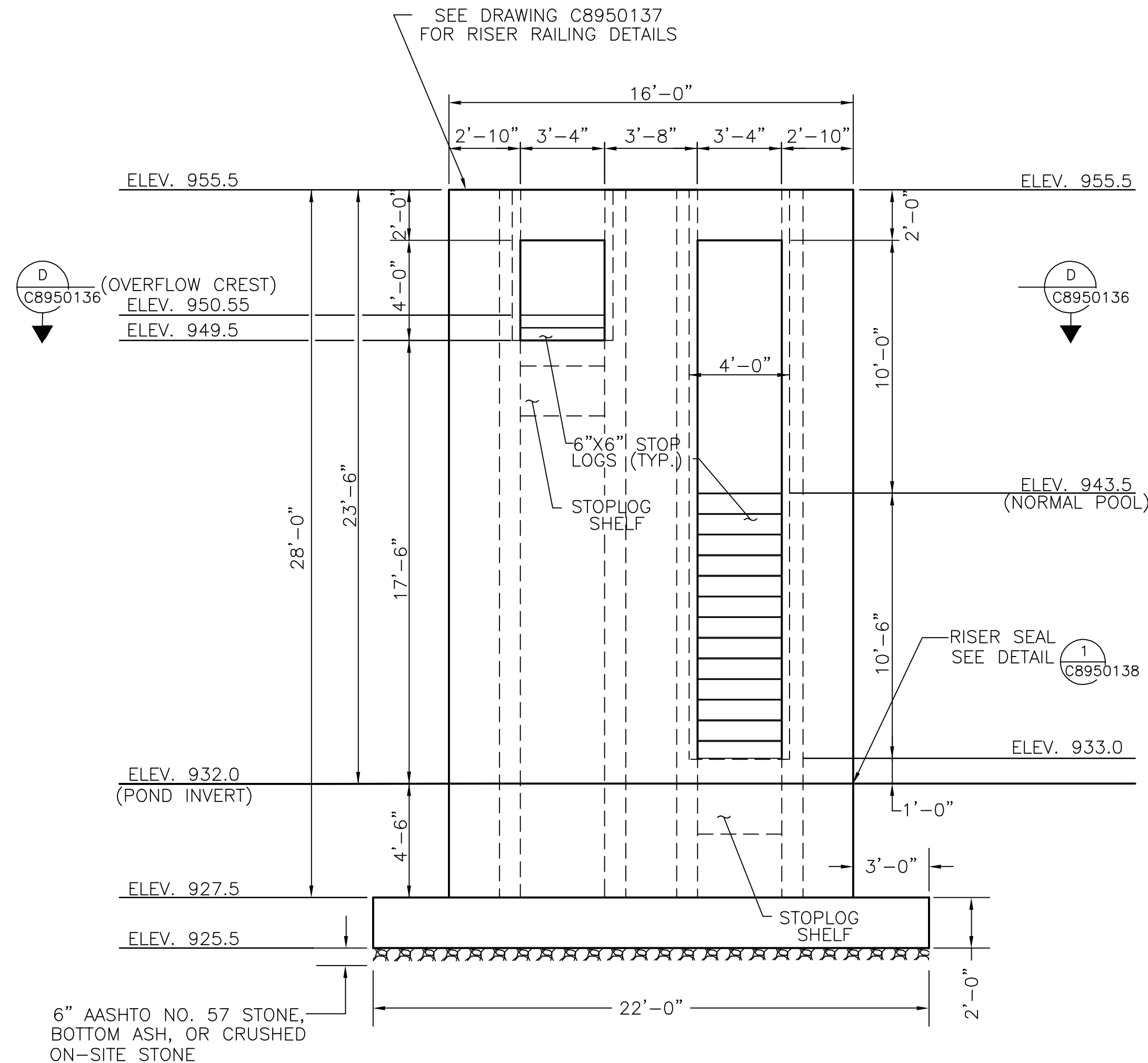
HDPE PIPE DESCRIPTION	INVERT ELEVATION	ORIFICE OPENING	SIZE & NO. OF BOLT HOLES	DIAMETER OF Q. OF BOLT HOLES	OUTER DIAMETER
12" SDR 21 PRINCIPAL	928.5	3.8"	13/16" (12)	17"	19"
24" SDR 21 OVERFLOW	928.5	11.25"	13/16" (20)	29.5"	32"

- NOTES:
- USE 3/4" BOLTS. PROVIDE STAINLESS STEEL, TYPE 304, WASHERS UNDER BOLT HEAD AND NUT.
 - USE APPROPRIATE SIZE DUCTILE IRON BACK-UP RING FOR CONNECTION.



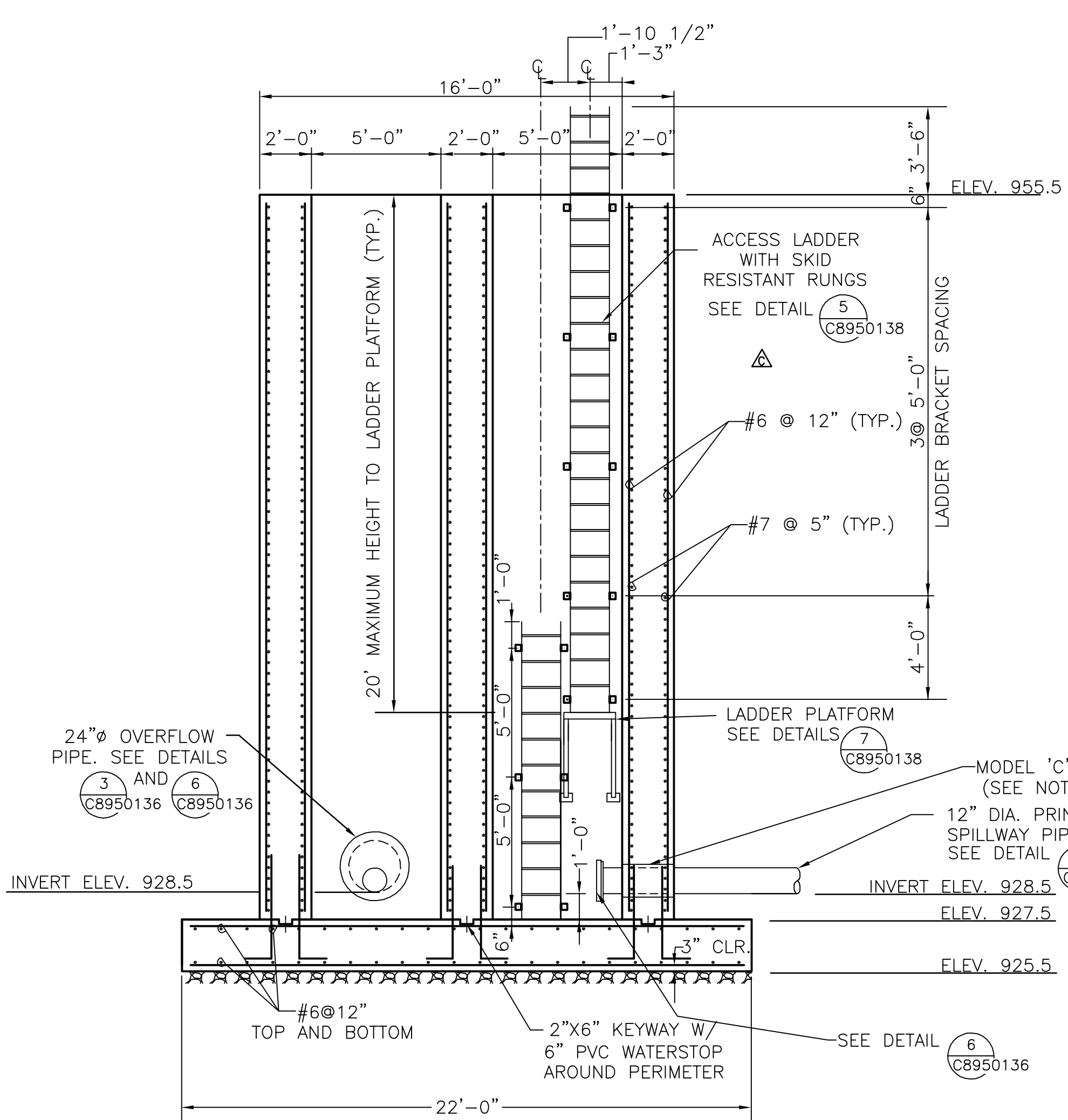
DETAIL
ORIFICE ASSEMBLY

SCALE: N.T.S.



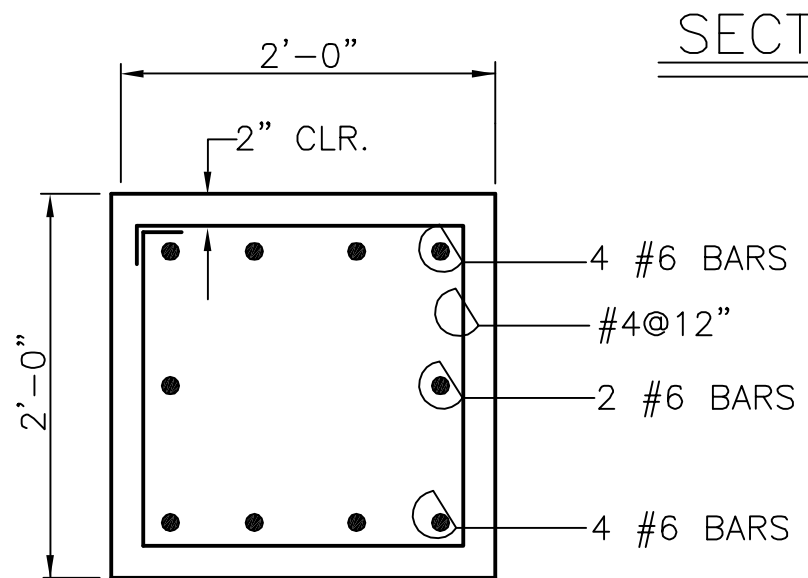
SECTION
ELEVATION VIEW OF RISER-(LOOKING SOUTH)

SCALE: 1/4" = 1'



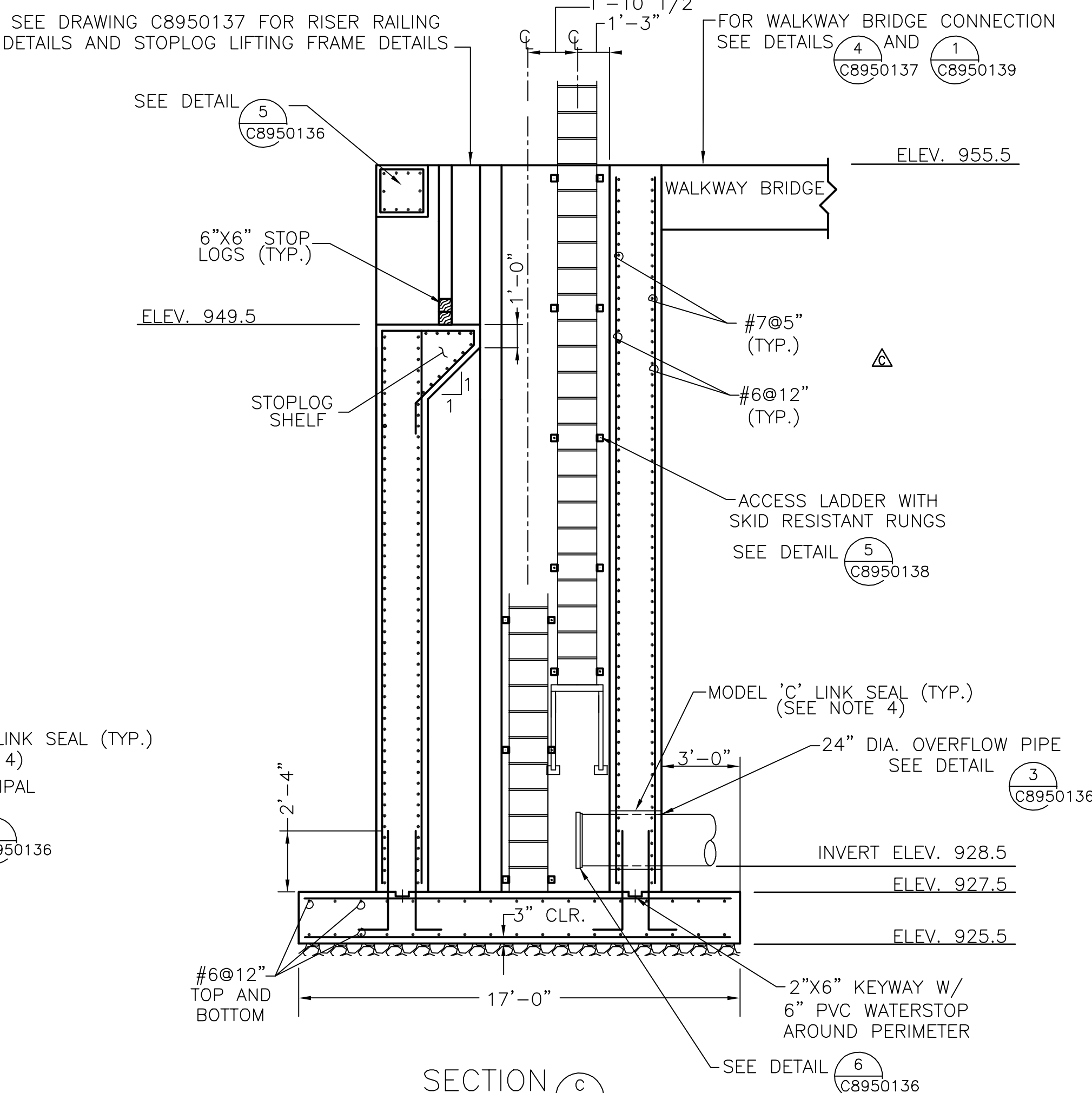
SECTION
SECTION THROUGH RISER (LOOKING SOUTH)

SCALE: 1/4" = 1'



DETAIL
SECTION THROUGH RISER (LOOKING EAST)

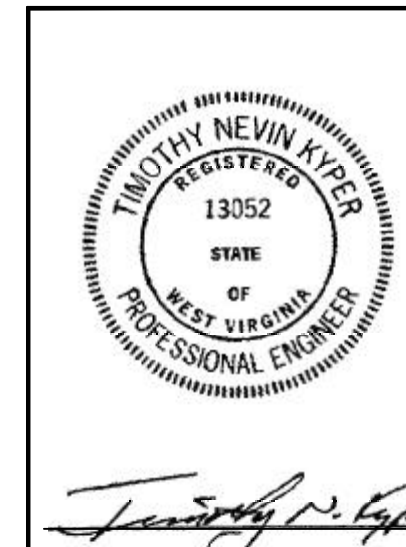
SCALE: N.T.S.



SECTION
SECTION THROUGH RISER (LOOKING EAST)

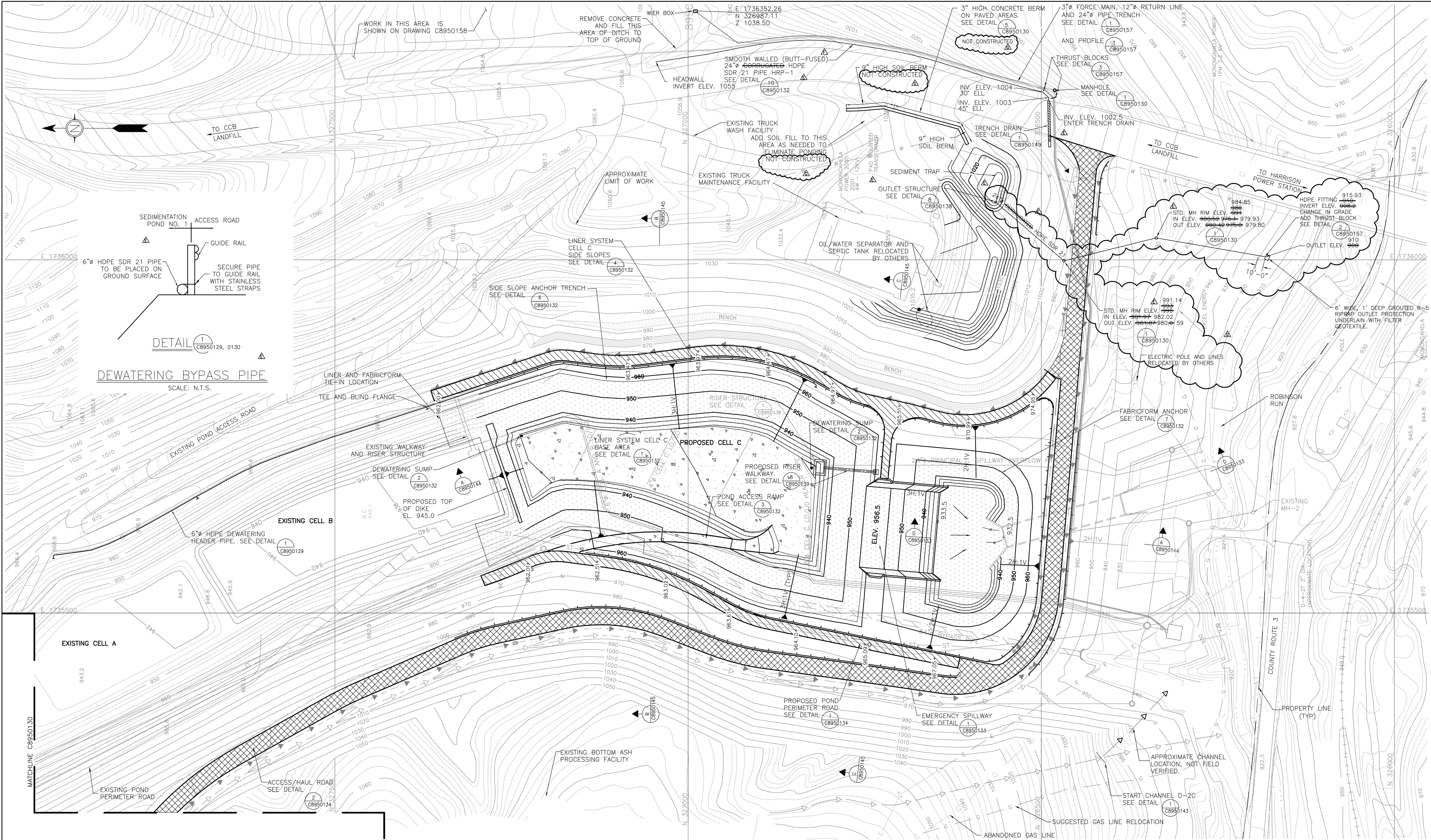
SCALE: 1/4" = 1'

- NOTES:
- FOR TRASH RACKS, SEE DRAWING C8950137.
 - MINIMUM 28-DAY CONCRETE COMPRESSIVE STRENGTH SHALL BE 4000 PSL. COARSE AGGREGATE SHALL BE NO LARGER THAN WDOH # 57. CONCRETE SHALL BE AIR ENTRAINED WITH THE AIR CONTENT AT 7%± 1 1/2% AT THE POINT OF PLACEMENT.
 - CONCRETE REINFORCING STEEL SHALL BE GRADE 60.
 - CIRCULAR OPENINGS SHALL BE PRECAST INTO THE CONCRETE WALLS FOR THE HDPE DISCHARGE PIPES. THE APPROPRIATE DIAMETER OPENING AND SIZE OF LINK-SEAL SHALL BE ACCORDING TO THE MANUFACTURER'S INSTRUCTIONS.



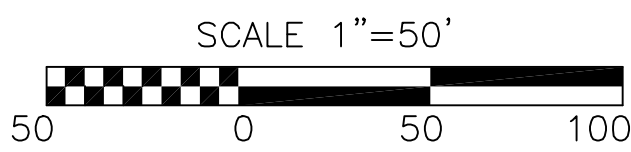
NO.	DATE	DWN	CHKD	APPRD	DESCRIPTION
1	6/12/03	EJM	GJA	TNK	MISCELLANEOUS DETAIL REVISION
2	3/28/02	RSE	GJA	TNK	RELEASED FOR CONSTRUCTION
3	12/21/01	RSE	FLB	TNK	RELEASED FOR BIDDING
4	11/16/01	MAM	MRL	TNK	RELEASED FOR APPROVAL

ALLEGHENY ENERGY SUPPLY MONROEVILLE, PENNSYLVANIA	
HARRISON POWER STATION PHASE IV CCB LANDFILL SEDIMENTATION POND NO. 1 EXPANSION RISER DETAILS (SHEET 1 OF 3)	
DRAWN: MAM	APPROVED: TNK
CHECKED: MRL	DATE: 11/16/01
SCALE: AS SHOWN	DRAWING NUMBER: C8950136
SHT. NO. 14	OF 31
PITTSBURGH • 570 BEATTY ROAD, MONROEVILLE, PA 15146	

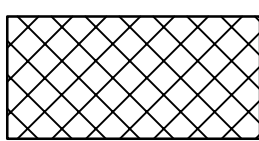


NOTES:

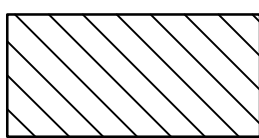
1. PROPOSED ELEVATIONS SHOWN ARE TOP OF CONCRETE/FABRICFORM.
2. THE SEQUENCE OF DRAWINGS C8950126 TO C8950130 DOES NOT NECESSARILY DEPICT THE ACTUAL ORDER OF CONSTRUCTION FOR WORK RELATED TO THE EXPANSION OF SEDIMENTATION POND NO. 1.
3. COORDINATES SHOWN ARE BASED ON THE WEST VIRGINIA STATE PLANE COORDINATE SYSTEM (NORTH ZONE), NAD 1983.
4. SEE EROSION AND SEDIMENTATION CONTROL PLAN FOR TEMPORARY EROSION AND SEDIMENTATION CONTROL MEASURES.
5. FOR CELL C PROPOSED LAYOUT OF EXPANSION AND CONSTRUCTION JOINTS, SEE DETAIL C8950135
6. THE POND PERIMETER ROAD CONTOURS AND SPOT ELEVATIONS SHOWN REPRESENT FINAL GROUND ELEVATIONS. SEE DETAIL C8950134 FOR PERIMETER ROAD CONSTRUCTION DETAILS.
7. PROPOSED SITE PERIMETER FENCING NOT INSTALLED.



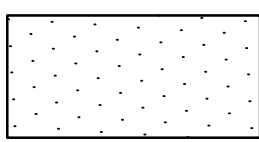
LEGEND



ASPHALT PAVEMENT



W.V.D.O.H. CLASS 1
BASE MATERIAL



FABRICFORM LINER
PROTECTION

REFERENCE DRAWINGS: LEGEND

1. EXISTING TOPOGRAPHY AND FEATURES (N 325,950 TO N 331,700 AND E 1,733,000 TO E 1,737,000) FROM ALLEGHENY ENERGY SUPPLY DRAWING NO. C8950112 (2 SHEETS): HARRISON POWER STATION, ACTIVE CCB LANDFILL FACILITY, 2000 TOPOGRAPHIC MAPPING, DATE OF AERIAL PHOTOGRAPHY—APRIL 14, 2000.

This drawing was produced with computer aided drafting technology and is supported by electronic drawing files. Do not revise this drawing via manual drafting methods.

ALLEGHENY ENERGY SUPPLY
MONROEVILLE, PENNSYLVANIA

HARRISON POWER STATION
PHASE IV CCB LANDFILL
SEDIMENTATION POND NO. 1 EXPANSION
FINAL PLAN



DRAWN: FJC
CHECKED: RCB/MRL
APPROVED: TNK
DATE: 11/16/01
SCALE: AS SHOWN
DRAWING NUMBER: C8950129
SHT. NO. 7 OF 31
REV

PITTSBURGH • 570 BEATTY ROAD, MONROEVILLE, PA 15146

Pittsburgh, PA • Orlando, FL • Boone, NC • Charleston, WV • Ft. Wayne, IN GAI Dwg. FILE NO. 2000-276-10-E-F049

October 04, 2024

Via email (Yogesh.p.patel@wv.gov; john.v.lockhart@wv.gov)

Mr. Yogesh P. Patel, Chief Engineer, Permitting
Mr. John V. Lockhart, Senior Engineer, Permitting
Division of Water and Waste Management
WV Department of Environmental Protection
601 57th Street
Charleston, WV 25304-2345

**RE: Second Supplemental Comments of Monongahela Power Company on
Draft NPDES Permit No. WV0075795 for Harrison CCR Landfill
Harrison County, Haywood, WV**

Dear Mr. Patel and Mr. Lockhart:

Thank you again for taking the time to hold a virtual meeting with representatives of Monongahela Power Company (“MonPower”) on September 12, 2024 to discuss additional comments on the draft WV/NPDES Permit No. WV0075795 (the “Draft Permit”) for the Harrison Landfill (“Harrison” or the “Landfill”), located in Haywood, Harrison County, West Virginia. We much appreciate the agency’s willingness to consider our concerns and additional information.

Based on our discussions, we understand that WVDEP will consider preparing another draft permit for public comment based on the additional information that MonPower is providing with this letter and has already submitted, and in any event the agency will make appropriate revisions to the Draft Permit based upon its careful evaluation of our concerns. We specifically ask the agency to consider the information below prior to issuing a draft permit, which addresses the proposed effluent limits and compliance schedule for (a) iron at Outlets 012, 013, 014, and 015; and (b) aluminum at Outlet 012.

As more fully explained in our May 28, 2024 comment letter, these four outlets are designed to manage stormwater runoff from a paved haulroad connecting two MonPower facilities: (1) the power generating equipment at the Harrison electricity generating station, which is in a different drainage basin and governed by a different permit (WV0005339); and (2) the coal-combustion residual (“CCR”) landfill located on the other side of the West Fork River (see image below).



Although the four outlets are governed by the same WV/NPDES permit that applies to the active areas of the CCR landfill (WV00075795), these outlets are in a different drainage basin than the active areas of the landfill where CCR is deposited. Those two drainage basins are separated by a public road, County Route 3, and a stream known as Robinson Run. It would plainly be impossible for storm water drainage from the active landfill area to reach any of the four outlets. That is because any storm water drainage flowing south from the active landfill area would flow into Robinson Run before reaching the four outlets. Moreover, storm water drainage from the active landfill area would have to flow uphill out of Robinson Run to reach the four outlets.

The existing version of the WV/NPDES permit (issued September 19, 2016) recognizes that these outlets receive surface water flow into storm water inlets along the haulroad, which channel the flow into culverts underlying the haulroad (see images below).¹

¹ See permit pages 8 – 11, which identify the specific storm water inlets associated for each outlet.



Although the existing permit describes the discharge as carrying effluent from stormwater inlets, the permit requires sample collection to take place during dry-weather conditions. In fact, the permit specifically prohibits the permittee from collecting samples during precipitation events or periods of snow-melt. Rather, the permit instructs that “Outlet Numbers 012, 013, 014, and 015 shall be sampled a minimum of 24 hours following a rainfall event and [samples] shall not be obtained when runoff from snow melt is occurring.”² This condition has appeared in the permit since the version issued on July 7, 2006. By contrast, the Draft Permit changes the sampling conditions to require collection during wet weather conditions – i.e. within the first 30 minutes of a precipitation event or as soon thereafter as practically possible.³

As shown in the aerial image above, *there is no industrial activity taking place in the areas up-gradient of the four outlets*. There is, however, a relatively consistent flow of groundwater that emerges from the hillside and flows down to the four outlets. These groundwater expressions have been the sources of the water samples collected by MonPower over the years. This groundwater exhibits characteristics consistent with acid-mine drainage – having an orange/rusty appearance and staining on the rock face above the paved road leading from the power station (see images above and below):

² Permit p. 93, Condition C.6.

³ Draft Permi p. 93, Condition C.4.



The poor quality of the groundwater expressions that flow into the intake for these haul road outlets is due to abandoned underground mine works located all around the road, that were created many years ago by operators unaffiliated with MonPower. As set forth in a report submitted to WVDEP by MonPower affiliate Allegheny Energy Supply dated November 27, 2002,⁴ multiple mined-out sections of the Pittsburgh coal seam underlie the location of the landfill and surrounding areas. The mined-out sections in this area are “above drainage” – meaning that

⁴ A copy of this report is available in the WVDEP’s AppXtender database. A copy can be provided upon request.

their elevation is higher than the surface streams, such as Robinson Run and the West Fork River. The mined-out sections are partially or completely flooded with water, and are separated by various blocks of coal left in place (known as barrier pillars), which form separate “pools” in each mined-out section. Barrier pillars are not water-tight, however. Like most other geologic formations, groundwater can and does flow through the barrier pillars. Although the hydrogeology is quite complex, generally speaking, the elevation of the mine pools periodically rises and falls, and causes mine pool water to reach the surface under various conditions. Water in Pittsburgh seam mine pools generally exhibits concentrations of iron in excess of water quality standards applicable to surface waters.⁵ Water with elevated iron concentrations will have an orange or rusty appearance at the surface due to oxidation of the iron.

As shown in the images above, Outlets 012, 013, 014 and 015 are directly below areas where mine pool water reaches the surface, as evidenced by the orange/rusty appearance of the water and staining on the rock face above the paved haul road. Especially during dry-weather conditions, MonPower’s use of the paved haul road to transport CCR to the landfill could not reasonably contribute to iron and/or aluminum concentrations in the water that flows into those outlets. At best, the haul road could only conceivably contribute iron and/or aluminum through stormwater runoff from the road surface created by precipitation events.

Although channeling of the groundwater flows into the stormwater inlets and through the culverts underlying the haul road arguably creates a “point source” subject to WV/NPDES permitting requirements, that does not mean that MonPower is “adding” pollutants to the water before it is discharged. Rather, the pollutants are already present when the groundwater flows reach the intake point to the culverts.

Both the West Virginia Legislature and the Environmental Quality Board (“EQB”) have recognized that a WV/NPDES permittee should not be held responsible for pollutants already present in intake water. West Virginia Code § 22-11-6(b) states as follows: “The secretary may issue water pollution control permits that contain water quality-based effluent limits that are adjusted to reflect credit for pollutants in the permittee’s intake water (net limits).” DEP has not published any regulations implementing this statutory provision since it was adopted by the Legislature in 2018.⁶ MonPower is unaware of any guidance published by the agency addressing implementation of this statute. Notwithstanding the absence of a regulation or guidance, the application of this provision is straightforward. When calculating water quality-based effluent limits, a permittee should receive credit for the concentrations of pollutants already in the intake water.

Even before 2018, the EQB ruled that DEP should set WV/NPDES permit conditions that take into account the presence of pollutants in intake water. In *Mountain State Carbon*,⁷ the EQB vacated effluent limits for fecal coliform added to outlets at an industrial facility that primarily

⁵ See “Final Report Fairmont, West Virginia MinePool” prepared by the United States Office of Surface Mining, Technical Support Division, Pittsburgh, PA dated March, 2014 at p. 36.

⁶ W. Va. C.S.R. § 47-10-7.7 governs adjustments to technology-based effluent limits based on pollutants present in intake water. This regulation does not apply here because the effluent limits proposed in the draft permit are water quality-based effluent limits. Additionally, this regulation pre-dates the 2018 statutory amendment, and thus could not be considered an “implementing” regulation for the statutory amendment.

⁷ *Mountain State Carbon, Inc. v. Mandirola*, Appeal No. 13-25-EQB (final order dated June 13, 2016).

discharged cooling water originally withdrawn from the Ohio River. The permittee demonstrated that the fecal coliform was already present in the Ohio River water, and that the nature of the permittee's operations could not contribute additional fecal coliform to the water prior to discharge. Consequently, the EQB ruled that permittee should not be responsible for removing the fecal coliform, and thus including fecal coliform effluent limits in the permit was inappropriate:

The Board finds Appellant's position convincing. The Board does not believe there is sufficient evidence that Appellant's operations are causing elevated fecal coliform concentrations. **The Board further finds that the Ohio River contains high fecal coliform counts upstream of Appellant's facility and it should not be responsible for treating pollutants caused by another entity.** Thus, the Board ORDERS that, in the current permit, Appellant should not be subjected to the fecal coliform limits at Outlets 004 and 006.⁸

The haul road outlets at issue in MonPower's permit perfectly fit the circumstances governed by West Virginia Code § 22-11-6(b) and *Mountain State Carbon*. The groundwater flows that enter the intake points along the haul road already contain elevated levels of pollutants. This is definitively established by the dry-weather sample results that MonPower has been submitting to the agency over the years. In dry-weather conditions, storm water runoff from the haul road surface would not be contributing to the volume or quality of the groundwater flows. Moreover, there is no indication that storm water discharges from the haul road have reasonable potential to cause or contribute to an exceedance of the water quality standards for iron or aluminum. Assuming the outlets are properly governed by a WV/NPDES permit since they convey pollutants to the West Fork River, the outlets should have appropriate effluent limits assigned per West Virginia Code § 22-11-6(b).

Appropriate limits for these outlets should reflect credit for the pollutants present in the groundwater flows that enter the intake points along the haul road. To ascertain appropriate limits, MonPower proposes to continue collecting samples of the groundwater flows at the outlets during dry-weather conditions, and begin collecting samples from the outlets during wet-weather conditions as defined in the Draft Permit. All this data can be evaluated to determine appropriate effluent limits, if any, for the haul road outlets that take into account the concentrations of pollutants in the groundwater flows. To allow for collection of this data, MonPower proposes that the haul road outlets remain "report only" for the duration of the next permit cycle along with imposition of the additional sample collection requirements described above. The results of the samples can then be used to calculate appropriate effluent limits during the next permit cycle that take into consideration the concentrations of pollutants in the groundwater flows.

* * *

⁸ *Mountain State Carbon, Inc. v. Mandirola*, Appeal No. 13-25-EQB at *3 (final order dated June 13, 2016) (emphasis added) (copy enclosed)

III. Conclusion.

We thank the agency in advance for its consideration of these additional comments. We would be happy to answer any questions or provide further information upon request.

Sincerely,

A handwritten signature in cursive script that reads "Carol L. Trembly".

Carol L. Trembly

Supervisor, Water, SPCC and Environmental Services
Monongahela Power Company

enclosure

cc: James A. Meade, Esq.
Mark Amendola, P.E.

WEST VIRGINIA ENVIRONMENTAL QUALITY BOARD

MOUNTAIN STATE CARBON, INC.,

Appellant,

v.

Appeal No. 13-25-EQB

**SCOTT G. MANDIROLA,
Director, Division of Water and Waste
Management, Department of
Environmental Protection,**

Appellee.

FINAL ORDER

Appeal No.13-25-EQB was filed with the West Virginia Environmental Quality Board (“Board”) on October 7, 2013. The evidentiary hearing in the matter was held before a court reporter and full complement of the Board on February 11 – 12, 2016. The following members of the Board were present for the hearing:

Dr. Edward M. Snyder, Chairman

Dr. D. Scott Simonton

Dr. Charles C. Somerville

Mr. William H. Gillespie

Dr. B. Mitchel Blake, Jr.

At the conclusion of the evidentiary hearing, the parties were directed to submit proposed findings of fact and conclusions of law. After careful consideration of the proposed findings and conclusions, arguments of counsel, and evidence presented at hearing, the Board unanimously decided to grant in part and deny in part Appellant’s appeal.

Standard of Review

When hearing an appeal, pursuant to W. Va. Code §22B-1-7(e), the board “shall hear the appeal *de novo*, and evidence may be offered on behalf of the appellant, appellee and by any intervenors.” In accordance with *Syl. Pt. 2, W. Va. Div. of Env’tl Protection v. Kingwood Coal Co.*, 200 W. Va. 734, 745, 490 S.E.2d 823, 834 (1997), the board “is not required to afford any deference to the DEP decision but shall act independently on the evidence before it.”

When ruling on an Appeal, pursuant to W. Va. Code § 22B-1-7(g), the Board “shall make and enter a written order affirming, modifying or vacating the order, permit or official action of the chief or secretary, or shall make and enter such order as the chief or secretary should have entered.”

Fecal Coliform

Mountain State Carbon (“Appellant”) argues that fecal coliform limits should not be imposed on Outlets 004 and 006 within its facility. (Appellant’s Brief, pg. 4)

The relevant law is as follows: “When the permitting authority determines... that a discharge causes, has the reasonable potential to cause, or contributes to an in-stream excursion above the allowable ambient concentration of a State numeric criteria within a State water quality standard for an individual pollutant, the permit must contain effluent limits for that pollutant.” 40 C.F.R. 122.44(d)(iii)

The relevant facts are as follows: Appellant collects Ohio River water at Intake 097 and discharge it through Outlet 006. Intake water is used for cooling, but discharge water includes cooling water, storm drainage, and discharges from the on-site sanitation facility. (Tr. 50)

Also, Appellant discharges water from Outlet 004. This water is also drawn from Intake 097, and is primarily used as non-contact cooling water.¹ (Tr. 59–62) It passes through the facility quickly (1 hour or less) before discharge. (*Id.*)

Often, the water discharged from these two Outlets yields fecal coliform counts that exceed permit limits. (Tr. 53) Appellant argues that water discharged from Outlet 006 cannot experience an increase in fecal coliform while traveling through the facility. The water is routed through ammonia stills and a pretreatment clarifier that increases the pH to extreme levels and prevents fecal coliform growth.² (Tr. 70, 224; Tr. 72-73) Similarly, Appellant argues that water discharged from Outlet 004 cannot experience an increase in fecal coliform because of the short residence time (1 hour or less). (Tr. 59-62)

Appellant argues that the likely source of high fecal coliform is the Ohio River itself. Appellant explains that the water is already high in fecal coliform when it is collected at Intake 097. (Tr. 242-243) Appellant believes the likely culprits for the elevated fecal coliform in the river are the Weirton and/or Steubenville storm water overflows upstream from the plant. (Tr. 218)

The Board finds Appellant’s position convincing. The Board does not believe there is sufficient evidence that Appellant’s operations are causing elevated fecal coliform concentrations. The Board further finds that the Ohio River contains high fecal coliform counts upstream of Appellant’s facility and it should not be responsible for treating pollutants caused by another entity. Thus, the Board **ORDERS** that, in the current permit, Appellant should not be subjected to the fecal coliform limits at Outlets 004 and 006. However, the Board does not believe that these Outlets should be ignored. The Board further **ORDERS** that Outlets 004 and 006, along with

¹ A small portion of water from a blowdown tower is discharged from Outlet 004 on an intermittent basis. (Tr. 229)

² Recently, the drainage of bio optimization water and water used to control foam was rerouted to pass through the pretreatment clarifier in order to fight fecal coliform growth. (Petitioner’s Brief, 61-62)

Intake 097, should be subject to continued monitoring.

It should be noted that Appellant has not challenged the fecal coliform limits imposed by the West Virginia Department of Environmental Protection (“DEP”) on Outlet 105 (the sanitation Outlet). The Board finds that Outlet 105 should continue to be subjected to the limits imposed by the DEP.

Temperature

Appellant argues that water temperature limits at Outlet 004 ignored site-specific data when calculated. (Appellant’s Brief, pg. 4) Appellant limits its claims to the temperature limits in February, March, and April. (*Id.*)

The relevant law is as follows: “In the permit review and planning process, or upon the request of a permit applicant or permittee, the Director may utilize Real Time Water Quality Control on a case-by-case basis when establishing permit conditions when the applicant demonstrates that the use of Real Time Water Quality Control will not violate water quality standards. In order to facilitate a determination or assessment of the applicability of Real Time Management Control, the Director may require a permit applicant or permittee to submit such information as deemed necessary.” *CSR §47-10-6*

The relevant facts are as follows: The DEP calculated the water temperature limits discharged at Outlet 004 using default dilution values instead of site-specific data. (Tr. 185-89) Since Appellant has provided site-specific data that more accurately reflects what the dilution values should be, and as a result, increases the allowable temperature limits at Outlet 004. (Tr. 187–192) To be fair, the DEP was not provided with site-specific data at the appropriate time. (Appellee’s Brief, Pg. 4) In fact, the site-specific data (contained in Appellant’s expert report) was not provided until the day of the evidentiary hearing. (*Id.*) The DEP is not unilaterally responsible for collecting site-specific data because it would overwhelm the department given the number of

outfalls across the state. *See: CSR 47-2-5.2.1* (“In order to facilitate a determination or assessment of a mixing zone pursuant to this section, the Secretary may require a permit applicant or permittee to submit such information as deemed necessary.”) Nevertheless, the Board **ORDERS** that the DEP must accept the reliable site-specific data collected by Appellant, albeit late, and apply it to the temperature limits. The Board is not persuaded that its ruling will encourage Appellant to withhold site-specific data until the evidentiary hearing. It would be senseless for any Appellant to pay attorneys and legal experts to present the data at a hearing when it can be presented during the permitting period.

Selenium

Appellant argues that the DEP should allow for a compliance schedule with interim selenium limits in the new permit. (Petitioner’s Brief, Pg. 3) Appellant argues that this would give them time to determine how to comply. (*Id.* at 56)

The relevant law is as follows: “The permit may, when appropriate, specify a schedule of compliance leading to compliance with the [Clean Water Act] and State Act rules...”

The relevant facts are as follows: Appellant is unable to currently comply with selenium limits. (Petitioner’s Brief, 15) Appellant has invested resources and conducted studies in an effort to find a sufficient treatment. (Petitioner’s Brief, 14) Appellant believes there are very few options available. (*Id.*) The only known treatment method with a degree of success, i.e. co-precipitation, is very expensive and yet still provides inconsistent results. (Tr. 139)

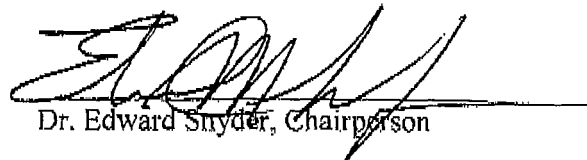
Appellant is currently operating at a low capacity and therefore generating the least amount of revenue for the facility. (Tr. 38–45) Nevertheless, since the permit was issued, Appellant has undertaken significant testing and alterations to its discharge system for the purpose of improving water quality. Appellant contends that it will continue to invest time and resources towards

improving selenium treatment if a compliance schedule (with interim limits) is permitted. (Petitioner's Brief, 56) The Board finds that a compliance schedule (with interim limits) should be given to Appellant considering their diligence and motivation to comply with environmental standards. The Board's decision is augmented by the fact that the portion of the Ohio River in question, i.e. the Pike Island Pool, is not historically, or currently, threatened by selenium concentrations (even when Appellants were operating at full capacity). (Tr. 142)

You are hereby notified of your right to judicial review of this Final Order in accordance with §22B-1-9(a) and §22B-3-3 of the *West Virginia Code*. If appropriate, an appeal of this Final Order may be made by filing a petition in the appropriate circuit court within thirty (30) days from your receipt of this Final Order in the manner provided by §29A-5-4 of the *West Virginia Code*.

Ordered and Entered this 3rd day of June, 2016.

Environmental Quality Board


Dr. Edward Snyder, Chairperson



west virginia department of environmental protection

Division of Water and Waste Management
601 57th Street, SE
Charleston, WV 25304
Phone: 304-926-0495 / Fax: 304-926-0463

Harold Ward, Cabinet Secretary
dep.wv.gov

December 16, 2024

The Exponent Telegram
WV News
324 Hewes Avenue
PO Box 2000
Clarksburg, WV 26301

Re: Harrison Power Station CCR Landfill, Application for NPDES Water Pollution Control Permit

Dear Sir/Madam:

Please publish the attached Public Notice and map as a Class II legal advertisement in The Exponent Telegram on Friday, December 20, 2024 and Friday, December 27, 2024.

Send the original affidavit of publication to Hiral Kukkillaya, Division of Water and Waste Management, 601 57th St. SE, Charleston, WV 25304.

Please send the bill for the advertisement to the Monongahela Power Company as per the attached Statement for Billing.

If you have any questions, please contact me at (304) 926-0495, ext. 43858, or email me at Hiral.Kukkillaya@wv.gov.

Sincerely,

Hiral Kukkillaya

Solid Waste Permitting

**STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF WATER AND WASTE MANAGEMENT
SOLID WASTE PERMITTING UNIT**

PUBLIC NOTICE

WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION'S, PUBLIC INFORMATION OFFICE, 601 57TH STREET, CHARLESTON SE, WEST VIRGINIA 25304-2345 TELEPHONE: (304) 926-0440.

APPLICATION FOR A WEST VIRGINIA SOLID WASTE FACILITY / NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) WATER POLLUTION CONTROL PERMIT

Public Notice No.: SW-19-24

Public Notice Date(s): December 20, 2024
December 27, 2024

Paper: The Exponent Telegram

The following has applied for a Solid Waste Facility / WV NPDES Water Pollution Control Permit for this facility or activity:

Appl. No.: WV0075795

Applicant: Monongahela Power Company
1803 Murdoch Ave.
Parkersburg, WV 26101

Location: HAYWOOD, HARRISON COUNTY

Latitude: 39:23:18

Longitude: 80:19:22

Physical Location: Harrison Power Station CCR Landfill, State Route No. 20, Haywood, WV

Receiving Stream:

ROBINSON RUN AND WEST FORK RIVER

Activity:

Construct, operate, and maintain industrial solid waste disposal areas, referenced as the Lower Area, Main Area, and Upper Area, and best management practices in the drainage basin of Pigott's Run, a tributary of Robinson Run, a tributary of the West Fork River, a tributary of the Monongahela River, for the disposal of fly ash, bottom ash, flue gas desulfurization (FGD) material, and miscellaneous wastes (construction/demolition debris, wastewater treatment sludge, and other solid wastes) all of which are generated at the Harrison Power Station. As well as for the disposal of the following wastes generated at the following First Energy Power Stations: 1) fly ash from the Fort Martin and Pleasants Power Stations, and 2) bottom ash from the Fort Martin and Pleasants Power Stations.

Operate and maintain collection and treatment systems (leachate collection system, Surface Impoundment No. 1, constructed wetland treatment system) and best management practices for the

direct discharge of treated effluent (stormwater runoff and leachate) into the waters of the West Fork River, a tributary of the Monongahela River (Outlet 008) near river point 19.9.

Operate and maintain a collection and treatment system and best management practices for the disposal of treated effluent (stormwater) from the Main Area and the Upper Area to flow into the waters of Robinson Run, a tributary of the West Fork River, a tributary of the Monongahela River (Outlet 018).

Operate and maintain a collection system and best management practices for the disposal of untreated effluent (stormwater runoff) from the disposal area haul road to flow into the waters of Robinson Run, a tributary of the West Fork River, a tributary of the Monongahela River (Outlet 012), and into the waters of the West Fork River, a tributary of the Monongahela River (Outlets 013, 014, and 015) near river mile point 19.

Operate and maintain a collection and treatment system for the disposal of treated effluent (non-contact stormwater runoff) directly into an unnamed tributary of Robinson Run, a tributary of the West Fork River, a tributary of the Monongahela River (Outlets 022 and 023).

Business conducted:

Coal Combustion Residual Landfill

Implementation:

N/A

On the basis of review of the application, the "Solid Waste Management Act (Chapter 22, Article 15, Section 5(b) and 5(c))," the "Water Pollution Control Act (Chapter 22, Article 11-8(a))," and the "West Virginia Legislative Rules," the State of West Virginia will act on the above application.

Any interested person may submit written comments on the draft permit and may request a public hearing by addressing such to the Director of the Division of Water and Waste Management within 30 days of the first date of the public notice. Such comments or requests should be addressed to:

Director, Division of Water and Waste Management, DEP
ATTN: Hiral Kukkillaya, Solid Waste Permitting Unit
601 57th Street SE
Charleston, WV 25304-2345
hiral.kukkillaya@wv.gov

The public comment period begins 12/20/2024 and ends 1/18/2024.

Comments received within this period will be considered prior to acting on the permit application. Correspondence should include the name, address and the telephone number of the writer and a concise statement of the nature of the issues raised. The Director shall hold a public hearing whenever a finding is made, on the basis of requests, that there is a significant degree of public interest on issues relevant to the Draft Permit(s). Interested persons may contact the public information office to obtain further information.

The application, draft permit and any required fact sheet may be inspected, by appointment, at the Division of Water and Waste Management Public Information Office, at 601 57th Street SE, Charleston, WV 25304-2345, between 8:00 a.m. and 4:00 p.m. on business days.