



State of Mississippi



WATER POLLUTION CONTROL PERMIT

Permit to Discharge Wastewater in Accordance with National Pollutant Discharge Elimination System

THIS CERTIFIES

Mississippi Lignite Mining Company
1000 McIntire Road
Ackerman, MS
Choctaw County

has been granted permission to discharge wastewater in accordance with the effluent limitations, monitoring requirements and other conditions set forth in this permit. This permit is issued in accordance with the provisions of the Mississippi Water Pollution Control Law (Section 49-17-1 et seq., Mississippi Code of 1972), and the regulations and standards adopted and promulgated thereunder, and under authority granted pursuant to Section 402(b) of the Federal Water Pollution Control Act.

Mississippi Environmental Quality Permit Board

Mississippi Department of Environmental Quality

Issued/Modified:

Permit No.

MS0054046

Expires:

Agency Interest # 676

*** Draft Permit ***

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Permit to Discharge Wastewater in Accordance with National Pollutant Discharge Elimination System

Mississippi Lignite Mining Company

Subject Item Inventory

Permit Number: MS0054046

Activity ID No.: PER20240001

Subject Item Inventory:

ID	Designation	Description
AI676		Lignite Surface Mining
RPNT10	MS0054046-108	Outfall 108 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond SP-7.) - External
RPNT17	MS0054046-111	Outfall 111 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond P-29-2.) - External
RPNT18	MS0054046-113	Outfall 113 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond RP-33-1.) - External
RPNT19	MS0054046-213	Outfall 213 (Stormwater runoff from the surface mine reclamation area discharged from Sedimentation Pond RP-33-1) - External
RPNT22	MS0054046-301	Outfall 301 (Treated sanitary wastewater discharges to Sedimentation Pond SP-6 then through Outfall 110) - Internal
RPNT23	MS0054046-110	Outfall 110 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond SP-6.) - External
RPNT25	MS0054046-116	Outfall 116 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond SP-5.) - External
RPNT26	MS0054046-117	Outfall 117 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond SP-5.) - External

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Permit to Discharge Wastewater in Accordance with National Pollutant Discharge Elimination System

Mississippi Lignite Mining Company

Subject Item Inventory

Permit Number: MS0054046

Activity ID No.: PER20240001

Receiving Stream Relationships:

Subject Item	Relationship	Receiving Stream
RPNT10 Outfall 108 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond SP-7.) - External	Discharges Into	Middle Bywy Creek
RPNT17 Outfall 111 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond P-29-2.) - External	Discharges Into	Middle Bywy Creek
RPNT18 Outfall 113 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond RP-33-1.) - External	Discharges Into	Little Bywy Creek
RPNT19 Outfall 213 (Stormwater runoff from the surface mine reclamation area discharged from Sedimentation Pond RP-33-1) - External	Discharges Into	Little Bywy Creek
RPNT22 Outfall 301 (Treated sanitary wastewater discharges to Sedimentation Pond SP-6 then through Outfall 110) - Internal	Discharges Into	Little Bywy Creek
RPNT23 Outfall 110 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond SP-6.) - External	Discharges Into	Middle Bywy Creek
RPNT25 Outfall 116 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond SP-5.) - External	Discharges Into	Middle Bywy Creek
RPNT26 Outfall 117 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond SP-5.) - External	Discharges Into	Little Bywy Creek

KEY

ACT = Activity

AREA = Area

CAFO = Concentrated Animal Feeding Operation

EQPT = Equipment

IMPD = Impoundment

RPNT = Release Point

WDPT = Withdrawal Point

AI = Agency Interest

CONT = Control Device

IA = Insignificant Activity

MAFO = Animal Feeding Operation

PCS = PCS

TRMT = Treatment

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EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

**Subject Item: Outfall 108 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond SP-7.) - External
 RPNT00000000010: MS0054046-108**

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

Parameter	Discharge Limitations							Monitoring Requirements		
	Quantity / Loading Average	Quantity / Loading Maximum	Quantity / Loading Units	Quality / Conc. Minimum	Quality / Conc. Average	Quality / Conc. Maximum	Quality / Conc. Units	Frequency	Sample Type	Which Months
<i>Flow Effluent</i>	Report Monthly Average	Report Daily Maximum	Million Gallons per Day	*****	*****	*****	*****	Once per Discharge Event	Estimate	Jan-Dec
<i>Iron (Total Recoverable) Effluent</i>	*****	*****	*****	*****	3.0 Monthly Average	6.0 Daily Maximum	mg/L	Once per Discharge Event	Grab Sampling	Jan-Dec
<i>Manganese (Total Recoverable) Effluent</i>	*****	*****	*****	*****	2.0 Monthly Average	4.0 Daily Maximum	mg/L	Once per Discharge Event	Grab Sampling	Jan-Dec
<i>pH Effluent</i>	*****	*****	*****	6.0 Minimum	*****	9.0 Maximum	SU	Once per Discharge Event	Grab Sampling	Jan-Dec
<i>Rainfall Effluent</i>	Report Monthly Average	Report Daily Maximum	in	*****	*****	*****	*****	Daily	Measurement	Jan-Dec
<i>Rainfall Duration Effluent</i>	Report Monthly Average	Report Daily Maximum	hours	*****	*****	*****	*****	Daily	Estimate	Jan-Dec
<i>Selenium (Total Recoverable) Effluent</i>	Report Monthly Average	Report Daily Maximum	pounds per day	*****	Report Monthly Average	Report Daily Maximum	mg/L	Once per Discharge Event	Grab Sampling	Jan-Dec

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EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

**Subject Item: Outfall 108 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond SP-7.) - External
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	Quantity / Loading Average	Quantity / Loading Maximum	Quantity / Loading Units	Quality / Conc. Minimum	Quality / Conc. Average	Quality / Conc. Maximum	Quality / Conc. Units	Frequency	Sample Type	Which Months
<i>Solids (Total Suspended Effluent)</i>	*****	*****	*****	*****	35 Monthly Average	70 Daily Maximum	mg/L	Once per Discharge Event	Grab Sampling	Jan-Dec
<i>Specific conductance Effluent</i>	*****	*****	*****	*****	*****	1000 Maximum	umho/cm	Once per Discharge Event	Grab Sampling	Jan-Dec

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EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

**Subject Item: Outfall 111 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond P-29-2.) - External
 RPNT00000000017: MS0054046-111**

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

Parameter	Discharge Limitations							Monitoring Requirements		
	Quantity / Loading Average	Quantity / Loading Maximum	Quantity / Loading Units	Quality / Conc. Minimum	Quality / Conc. Average	Quality / Conc. Maximum	Quality / Conc. Units	Frequency	Sample Type	Which Months
<i>Flow Effluent</i>	Report Monthly Average	Report Daily Maximum	Million Gallons per Day	*****	*****	*****	*****	Once per Discharge Event	Estimate	Jan-Dec
<i>Iron (Total Recoverable) Effluent</i>	*****	*****	*****	*****	3.0 Monthly Average	6.0 Daily Maximum	mg/L	Once per Discharge Event	Grab Sampling	Jan-Dec
<i>Manganese (Total Recoverable) Effluent</i>	*****	*****	*****	*****	2.0 Monthly Average	4.0 Daily Maximum	mg/L	Once per Discharge Event	Grab Sampling	Jan-Dec
<i>pH Effluent</i>	*****	*****	*****	6.0 Minimum	*****	9.0 Maximum	SU	Once per Discharge Event	Grab Sampling	Jan-Dec
<i>Rainfall Effluent</i>	Report Monthly Average	Report Daily Maximum	in	*****	*****	*****	*****	Daily	Measurement	Jan-Dec
<i>Rainfall Duration Effluent</i>	Report Monthly Average	Report Daily Maximum	hours	*****	*****	*****	*****	Daily	Estimate	Jan-Dec
<i>Selenium (Total Recoverable) Effluent</i>	Report Monthly Average	Report Daily Maximum	pounds per day	*****	Report Monthly Average	Report Daily Maximum	mg/L	Once per Discharge Event	Grab Sampling	Jan-Dec

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	Quantity / Loading Average	Quantity / Loading Maximum	Quantity / Loading Units	Quality / Conc. Minimum	Quality / Conc. Average	Quality / Conc. Maximum	Quality / Conc. Units	Frequency	Sample Type	Which Months
<i>Solids (Total Suspended Effluent)</i>	*****	*****	*****	*****	35 Monthly Average	70 Daily Maximum	mg/L	Once per Discharge Event	Grab Sampling	Jan-Dec
<i>Specific conductance Effluent</i>	*****	*****	*****	*****	*****	1000 Maximum	umho/cm	Once per Discharge Event	Grab Sampling	Jan-Dec

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EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

**Subject Item: Outfall 113 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond RP-33-1.) - External
 RPNT00000000018: MS0054046-113**

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

Parameter	Discharge Limitations							Monitoring Requirements		
	Quantity / Loading Average	Quantity / Loading Maximum	Quantity / Loading Units	Quality / Conc. Minimum	Quality / Conc. Average	Quality / Conc. Maximum	Quality / Conc. Units	Frequency	Sample Type	Which Months
<i>Flow Effluent</i>	Report Monthly Average	Report Daily Maximum	Million Gallons per Day	*****	*****	*****	*****	Once per Discharge Event	Estimate	Jan-Dec
<i>Iron (Total Recoverable) Effluent</i>	*****	*****	*****	*****	3.0 Monthly Average	6.0 Daily Maximum	mg/L	Once per Discharge Event	Grab Sampling	Jan-Dec
<i>Manganese (Total Recoverable) Effluent</i>	*****	*****	*****	*****	2.0 Monthly Average	4.0 Daily Maximum	mg/L	Once per Discharge Event	Grab Sampling	Jan-Dec
<i>pH Effluent</i>	*****	*****	*****	6.0 Minimum	*****	9.0 Maximum	SU	Once per Discharge Event	Grab Sampling	Jan-Dec
<i>Rainfall Effluent</i>	Report Monthly Average	Report Daily Maximum	in	*****	*****	*****	*****	Daily	Measurement	Jan-Dec
<i>Rainfall Duration Effluent</i>	Report Monthly Average	Report Daily Maximum	hours	*****	*****	*****	*****	Daily	Estimate	Jan-Dec
<i>Selenium (Total Recoverable) Effluent</i>	Report Monthly Average	Report Daily Maximum	pounds per day	*****	Report Monthly Average	Report Daily Maximum	mg/L	Once per Discharge Event	Grab Sampling	Jan-Dec

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EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

**Subject Item: Outfall 113 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond RP-33-1.) - External
RPNT00000000018: MS0054046-113**

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

Parameter	Discharge Limitations							Monitoring Requirements		
	Quantity / Loading Average	Quantity / Loading Maximum	Quantity / Loading Units	Quality / Conc. Minimum	Quality / Conc. Average	Quality / Conc. Maximum	Quality / Conc. Units	Frequency	Sample Type	Which Months
<i>Solids (Total Suspended Effluent)</i>	*****	*****	*****	*****	35 Monthly Average	70 Daily Maximum	mg/L	Once per Discharge Event	Grab Sampling	Jan-Dec
<i>Specific conductance Effluent</i>	*****	*****	*****	*****	*****	1000 Maximum	umho/cm	Once per Discharge Event	Grab Sampling	Jan-Dec

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EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: Outfall 213 (Stormwater runoff from the surface mine reclamation area discharged from Sedimentation Pond RP-33-1) - External
RPNT00000000019: MS0054046-213

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

Parameter	Discharge Limitations							Monitoring Requirements		
	Quantity / Loading Average	Quantity / Loading Maximum	Quantity / Loading Units	Quality / Conc. Minimum	Quality / Conc. Average	Quality / Conc. Maximum	Quality / Conc. Units	Frequency	Sample Type	Which Months
<i>Flow Effluent</i>	Report Annual Average	Report Annual Maximum	Million Gallons per Day	*****	*****	*****	*****	Quarterly	Estimate	Jan-Dec
<i>pH Effluent</i>	*****	*****	*****	6.0 Minimum	*****	9.0 Maximum	SU	Quarterly	Grab Sampling	Jan-Dec
<i>Rainfall Effluent</i>	Report Annual Average	Report Annual Maximum	in	*****	*****	*****	*****	Daily	Measurement	Jan-Dec
<i>Rainfall Duration Effluent</i>	Report Annual Average	Report Annual Maximum	hours	*****	*****	*****	*****	Daily	Estimate	Jan-Dec
<i>Selenium (Total Recoverable) Effluent</i>	*****	*****	*****	*****	Report Annual Average	Report Annual Maximum	SU	Quarterly	Grab Sampling	Jan-Dec
<i>Solids (Settleable) Effluent</i>	*****	*****	*****	*****	Report Annual Average	0.5 Annual Maximum	ml/L	Quarterly	Grab Sampling	Jan-Dec
<i>Specific conductance Effluent</i>	*****	*****	*****	*****	*****	1000 Maximum	umho/cm	Quarterly	Grab Sampling	Jan-Dec

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EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: Outfall 301 (Treated sanitary wastewater discharges to Sedimentation Pond SP-6 then through Outfall 110) - Internal
RPNT00000000022: MS0054046-301

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

Parameter	Discharge Limitations							Monitoring Requirements		
	Quantity / Loading Average	Quantity / Loading Maximum	Quantity / Loading Units	Quality / Conc. Minimum	Quality / Conc. Average	Quality / Conc. Maximum	Quality / Conc. Units	Frequency	Sample Type	Which Months
<i>Chlorine, total residual Effluent</i>	*****	*****	*****	0.1 Minimum	*****	1.0 Maximum	mg/L	Twice per Month	Grab Sampling	Jan-Dec
<i>E coli Effluent</i>	*****	*****	*****	*****	126 Monthly Average	410 Daily Maximum	# of colonies/100 ml	Twice per Month	Grab Sampling	Jan-Dec
<i>Flow Effluent</i>	Report Monthly Average	Report Daily Maximum	Million Gallons per Day	*****	*****	*****	*****	Twice per Month	Instantaneous Sampling	Jan-Dec
<i>Oxygen Demand, biochemical, 5-day (20 degrees C) Effluent</i>	*****	*****	*****	*****	Report Monthly Average	Report Daily Maximum	mg/L	Twice per Month	Grab Sampling	Jan-Dec
<i>pH Effluent</i>	*****	*****	*****	Report Minimum	*****	Report Maximum	SU	Twice per Month	Grab Sampling	Jan-Dec
<i>Solids (Total Suspended) Effluent</i>	*****	*****	*****	*****	Report Monthly Average	Report Daily Maximum	mg/L	Twice per Month	Grab Sampling	Jan-Dec

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EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

**Subject Item: Outfall 110 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond SP-6.) - External
 RPNT00000000023: MS0054046-110**

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

Parameter	Discharge Limitations							Monitoring Requirements		
	Quantity / Loading Average	Quantity / Loading Maximum	Quantity / Loading Units	Quality / Conc. Minimum	Quality / Conc. Average	Quality / Conc. Maximum	Quality / Conc. Units	Frequency	Sample Type	Which Months
<i>Flow Effluent</i>	Report Monthly Average	Report Daily Maximum	Million Gallons per Day	*****	*****	*****	*****	Once per Discharge Event	Estimate	Jan-Dec
<i>Iron (Total Recoverable) Effluent</i>	*****	*****	*****	*****	3.0 Monthly Average	6.0 Daily Maximum	mg/L	Once per Discharge Event	Grab Sampling	Jan-Dec
<i>Manganese (Total Recoverable) Effluent</i>	*****	*****	*****	*****	2.0 Monthly Average	4.0 Daily Maximum	mg/L	Once per Discharge Event	Grab Sampling	Jan-Dec
<i>pH Effluent</i>	*****	*****	*****	6 Minimum	*****	9 Maximum	SU	Once per Discharge Event	Grab Sampling	Jan-Dec
<i>Rainfall Effluent</i>	Report Monthly Average	Report Monthly Maximum	in	*****	*****	*****	*****	Daily	Measurement	Jan-Dec
<i>Rainfall Duration Effluent</i>	Report Monthly Average	Report Monthly Maximum	hours	*****	*****	*****	*****	Daily	Estimate	Jan-Dec
<i>Selenium (Total Recoverable) Effluent</i>	Report Monthly Average	Report Daily Maximum	pounds per day	*****	Report Monthly Average	Report Daily Maximum	mg/L	Once per Discharge Event	Grab Sampling	Jan-Dec

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**Subject Item: Outfall 110 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond SP-6.) - External
 RPNT00000000023: MS0054046-110**

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

Parameter	Discharge Limitations							Monitoring Requirements		
	Quantity / Loading Average	Quantity / Loading Maximum	Quantity / Loading Units	Quality / Conc. Minimum	Quality / Conc. Average	Quality / Conc. Maximum	Quality / Conc. Units	Frequency	Sample Type	Which Months
<i>Solids (Total Suspended Effluent)</i>	*****	*****	*****	*****	35 Monthly Average	70 Daily Maximum	mg/L	Once per Discharge Event	Grab Sampling	Jan-Dec
<i>Specific conductance Effluent</i>	*****	*****	*****	*****	*****	1000 Maximum	umho/cm	Once per Discharge Event	Grab Sampling	Jan-Dec

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EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

**Subject Item: Outfall 116 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond SP-5.) - External
 RPNT00000000025: MS0054046-116**

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

Parameter	Discharge Limitations							Monitoring Requirements		
	Quantity / Loading Average	Quantity / Loading Maximum	Quantity / Loading Units	Quality / Conc. Minimum	Quality / Conc. Average	Quality / Conc. Maximum	Quality / Conc. Units	Frequency	Sample Type	Which Months
<i>Flow Effluent</i>	Report Monthly Average	Report Daily Maximum	Million Gallons per Day	*****	*****	*****	*****	Once per Discharge Event	Estimate	Jan-Dec
<i>Iron (Total Recoverable) Effluent</i>	*****	*****	*****	*****	3.0 Monthly Average	6.0 Daily Maximum	mg/L	Once per Discharge Event	Grab Sampling	Jan-Dec
<i>Manganese (Total Recoverable) Effluent</i>	*****	*****	*****	*****	2.0 Monthly Average	4.0 Daily Maximum	mg/L	Once per Discharge Event	Grab Sampling	Jan-Dec
<i>pH Effluent</i>	*****	*****	*****	6.0 Minimum	*****	9.0 Maximum	SU	Once per Discharge Event	Grab Sampling	Jan-Dec
<i>Rainfall Effluent</i>	Report Monthly Average	Report Daily Maximum	in	*****	*****	*****	*****	Daily	Measurement	Jan-Dec
<i>Rainfall Duration Effluent</i>	Report Monthly Average	Report Daily Maximum	hours	*****	*****	*****	*****	Daily	Estimate	Jan-Dec
<i>Selenium (Total Recoverable) Effluent</i>	Report Monthly Average	Report Daily Maximum	pounds per day	*****	*****	*****	*****	Once per Discharge Event	Grab Sampling	Jan-Dec

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EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

**Subject Item: Outfall 116 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond SP-5.) - External
RPNT00000000025: MS0054046-116**

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

Parameter	Discharge Limitations							Monitoring Requirements		
	Quantity / Loading Average	Quantity / Loading Maximum	Quantity / Loading Units	Quality / Conc. Minimum	Quality / Conc. Average	Quality / Conc. Maximum	Quality / Conc. Units	Frequency	Sample Type	Which Months
<i>Solids (Total Suspended Effluent)</i>	*****	*****	*****	*****	35 Monthly Average	70 Daily Maximum	mg/L	Once per Discharge Event	Grab Sampling	Jan-Dec
<i>Specific conductance Effluent</i>	*****	*****	*****	*****	*****	1000 Maximum	umho/cm	Once per Discharge Event	Grab Sampling	Jan-Dec

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EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

**Subject Item: Outfall 117 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond SP-5.) - External
 RPNT00000000026: MS0054046-117**

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

Parameter	Discharge Limitations							Monitoring Requirements		
	Quantity / Loading Average	Quantity / Loading Maximum	Quantity / Loading Units	Quality / Conc. Minimum	Quality / Conc. Average	Quality / Conc. Maximum	Quality / Conc. Units	Frequency	Sample Type	Which Months
<i>Flow Effluent</i>	Report Monthly Average	Report Daily Maximum	Million Gallons per Day	*****	*****	*****	*****	Once per Discharge Event	Estimate	Jan-Dec
<i>Iron (Total Recoverable) Effluent</i>	*****	*****	*****	*****	3.0 Monthly Average	6.0 Daily Maximum	mg/L	Once per Discharge Event	Grab Sampling	Jan-Dec
<i>Manganese (Total Recoverable) Effluent</i>	*****	*****	*****	*****	2.0 Monthly Average	4.0 Daily Maximum	mg/L	Once per Discharge Event	Grab Sampling	Jan-Dec
<i>pH Effluent</i>	*****	*****	*****	6.0 Minimum	*****	9.0 Maximum	SU	Once per Discharge Event	Grab Sampling	Jan-Dec
<i>Rainfall Effluent</i>	Report Monthly Average	Report Daily Maximum	in	*****	*****	*****	*****	Daily	Measurement	Jan-Dec
<i>Rainfall Duration Effluent</i>	Report Monthly Average	Report Daily Maximum	hours	*****	*****	*****	*****	Daily	Estimate	Jan-Dec
<i>Selenium (Total Recoverable) Effluent</i>	Report Monthly Average	Report Daily Maximum	pounds per day	*****	*****	*****	*****	Once per Discharge Event	Grab Sampling	Jan-Dec

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EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

**Subject Item: Outfall 117 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond SP-5.) - External
RPNT00000000026: MS0054046-117**

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

Parameter	Discharge Limitations							Monitoring Requirements		
	Quantity / Loading Average	Quantity / Loading Maximum	Quantity / Loading Units	Quality / Conc. Minimum	Quality / Conc. Average	Quality / Conc. Maximum	Quality / Conc. Units	Frequency	Sample Type	Which Months
<i>Solids (Total Suspended Effluent)</i>	*****	*****	*****	*****	35 Monthly Average	70 Daily Maximum	mg/L	Once per Discharge Event	Grab Sampling	Jan-Dec
<i>Specific conductance Effluent</i>	*****	*****	*****	*****	*****	1000 Maximum	umho/cm	Once per Discharge Event	Grab Sampling	Jan-Dec

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Permit to Discharge Wastewater in Accordance with National Pollutant Discharge Elimination System

Mississippi Lignite Mining Company

Facility Requirements

Permit Number: MS0054046

Activity ID No.:PER20240001

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AI0000000676 Lignite Surface Mining:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		The facility shall use exclusively polymer NAL 8181 as the sole flocculant in the sedimentation ponds or a MDEQ approved equivalent. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]
L-2		There shall be no discharge of floating solids or visible foam in other than trace amounts. [11 Miss. Admin. Code Pt. 6, R. 2.2.A(2).]
L-3		The discharges shall not cause the occurrence of a visible sheen on the surface of the receiving waters. [11 Miss. Admin. Code Pt. 6, R. 2.2.A(2).]
L-4		Samples taken in compliance with the monitoring requirements specified in this permit shall be taken at the nearest accessible point after final treatment but prior to mixing with the receiving stream or as otherwise specified in this permit. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(28).]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		Annual fish tissue and receiving stream sampling is required to be conducted in accordance with MLMC's sampling plan dated December 10, 2021. The permit may be reopened for establishment of further restrictions and limitations based on review of the sampling data. [11 Miss. Admin. Code Pt. 6, R.]

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Facility Requirements

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AI0000000676 Lignite Surface Mining:

Record-Keeping Requirements:

Condition No.	Condition
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R-1 Recording of Results

For each measurement or sample taken pursuant to the requirements of this permit, the permittee shall maintain records of all information obtained from such monitoring including:

- (1) The exact place, date, and time of sampling;
- (2) The dates the analyses were performed;
- (3) The person(s) who performed the analyses;
- (4) The analytical techniques, procedures or methods used; and
- (5) The results of all required analyses. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(29)(a).]

Submittal/Action Requirements:

SWPPP Details:

Condition No.	Condition
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S-1 100005: Mining Stormwater Pollution Prevention Plan (SWPPP):

If there are changes to the SWPPP, the permittee shall submit a SWPPP that describes and ensures the implementation of practices that will reduce pollutants in stormwater discharges associated with mining activities. The SWPPP shall be submitted to MDEQ at least 30 days before the commencement of operational changes. The SWPPP shall be developed according to the requirements of Mississippi's Mining General Permit. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]

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Mississippi Lignite Mining Company

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Activity ID No.:PER20240001

AI0000000676 Lignite Surface Mining:

Submittal/Action Requirements:

Condition No.	Condition
S-2	<p>Report Due Mining Stormwater Pollution Prevention Plan (SWPPP) Inspections:</p> <p>Inspections of all erosion controls and other SWPPP plan requirements must be inspected as often as needed but no less than once monthly and after 2-year, 24-hour storm events. The results of the inspections are to be submitted semi-annually postmarked no later than the 28th day of January and July. Submit an Inspection Report: Due semi-annually by the 28th of January and July. [11 Miss Admin, Code Pt. 6, Ch. 1, Subch. 1.]</p>

Condition No.	Condition
S-3	<p>Sediment TMDL</p> <p>The facility shall continue to comply with the Upper Big Black River Basin Sediment TMDL. In no case shall this discharge cause the receiving stream to exceed the critical condition (Q1.5). [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]</p>
S-4	<p>Reporting</p> <p>Monitoring results obtained during the previous reporting period shall be summarized and reported on a Discharge Monitoring Report (DMR). DMR data must be submitted electronically using the MDEQ NetDMR system NO LATER THAT THE 28TH DAY OF THE MONTH FOLLOWING THE COMPLETED REPORTING PERIOD.</p> <p>DMRs and all other reports required herein, shall be signed in accordance with 11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(15)(c)(1). of the Mississippi Wastewater Regulations. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(15)c(1)., 40 CFR 122.21(1)(4)(i)]</p>

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S-5	<p>Reporting Requirements - Planned Changes</p> <p>The permittee shall give notice to the Permit Board as soon as possible of any planned physical alterations or additions, including but not limited to, a change of operation to the permitted facility. Notice is required in the circumstances that follow:</p> <ol style="list-style-type: none">(1) The alteration or addition to a permitted facility may meet one of the criteria for determining whether the facility is a new source in 40 CFR 122.29(b); 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 not subject to either effluent limitations in the permit or notification requirements under 40 CFR 122.42(a)(1).(3) The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan; [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(15)(a).]
S-6	<p>Reporting Requirements - Anticipated Noncompliance</p> <p>The permittee shall give advance notice to the Permit Board of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. [11 Miss. Admin. Code Pt. 6, R. 1.1.4A(29)(b).]</p>

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S-7	<p>Noncompliance Notification - Twenty-Four Hour Reporting</p> <p>(1) The permittee shall report any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within 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/or prevent recurrence of the noncompliance.</p> <p>(2) The following shall be included as information which must be reported within 24 hours under this paragraph.</p> <p>(i) Any unanticipated bypass which exceeds any effluent limitation in the permit.</p> <p>(ii) Any upset which exceeds any effluent limitation in the permit.</p> <p>(iii) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Permit Board in the permit to be reported within 24 hours.</p> <p>(iv) The Executive Director may waive the written report on a case-by-case basis for reports under paragraph (1) of this section if the oral report has been received within 24 hours.</p> <p>The Executive Director may waive the written report on a case-by-case basis for reports under paragraph (1) of this section if the oral report has been received within 24 hours.</p> <p>All reports required by this condition which are submitted after December 20, 2025, shall be submitted by the permittee electronically as instructed by MDEQ. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(29)(e), 40 CFR 122.41.(1)(6)]</p>
S-8	<p>Noncompliance Notification - Other Noncompliance</p> <p>The permittee shall report all instances of noncompliance not reported under the twenty-four hour reporting requirements, at the time monitoring reports are submitted or within 30 days from the end of the month in which the noncompliance occurs. The reports shall contain the same information as is required under the twenty-four hour reporting requirements contained in this permit.</p> <p>All reports required by this condition which are submitted after December 20, 2025, shall be submitted by the permittee electronically as instructed by MDEQ. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(29)(f), 40 CFR 122.41.(1)(7)]</p>

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S-9	<p>Noncompliance Notification - Other Information</p> <p>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 Permit Board, it shall promptly submit such facts or information. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(29)(g).]</p>
S-10	<p>Bypassing -Notice</p> <p>Anticipated bypass- If the permittee knows in advance of the need for a bypass, it shall submit prior notice, if possible at least ten days before the date of the bypass.</p> <p>Unanticipated bypass- The permittee shall submit notice of an unanticipated bypass as required by the twenty-four hour reporting requirements set forth in this permit.</p> <p>All reports required by this condition which are submitted after December 20, 2025, shall be submitted by the permittee electronically as instructed by MDEQ. [40 CFR 122.41(m)(3)(i, ii)]</p>
S-11	<p>Expiration of Permit</p> <p>At least 180 days prior to the expiration date of this permit pursuant to the State law and regulation, the permittee who wishes to continue to operate under this permit shall submit an application to the Permit Board for reissuance. The Permit Board may grant permission to submit an application later than this, but no later than the expiration date of the permit. [11 Miss. Admin. Code Pt. 6, R. 1.1.5.B(1).]</p>

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S-12	<p>Requirements Regarding Cooling and Boiler Water Additives</p> <p>Notification shall be made to the permitting authority in writing not later than sixty (60) days prior to initiating the addition of any chemical product to the cooling water and/or boiler water which is subject to discharge, other than those previously approved and/or used. Such notification should include, but not be limited to:</p> <ul style="list-style-type: none">(1) Name and composition of the proposed additive,(2) Proposed discharge concentration,(3) Dosage addition rates,(4) Frequency of use,(5) EPA registration, if applicable, and(6) Aquatic species toxicological data. <p>Written approval must be received from the permitting authority prior to initiating use. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(14).]</p>

Narrative Requirements:

Definitions:

Condition No.	Condition
T-1	<p>Definitions: General</p> <p>The permittee shall refer to 11 Miss. Admin. Code Pt. 6, R. 1.1.1.A for definitions of any permit term not specified in this permit. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.A.]</p>

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Condition No.	Condition
T-2	<p>Definitions: Monthly Average</p> <p>"Monthly Average" means the 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 the month. The monthly average for E coli bacteria is the geometric mean of "daily discharges" measured during the calendar month. In computing the geometric mean for E coli bacteria, the value one (1) shall be substituted for sample results of zero. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.A(44).]</p>
T-3	<p>Definitions: Daily Discharge</p> <p>"Daily discharge" means the "discharge of a pollutant" measured during a calendar day or any 24-hour 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 measurements, the "daily average" is calculated as the average measurement of the discharge of the pollutant over the day. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.A(15).]</p>
T-4	<p>Definitions: Daily Maximum</p> <p>"Daily maximum" means the highest "daily discharge" over a calendar month. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.A(16).]</p>
T-5	<p>Definitions: Toxic Pollutants</p> <p>"Toxic pollutants" means any pollutant listed as toxic under Section 307(a)(1) or, in the case of "sludge use or disposal practices", any pollutant identified in regulations implementing Section 405(d) of the Clean Water Act. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.A(71).]</p>
T-6	<p>Definitions: Hazardous Substances</p> <p>"Hazardous substances" are defined in 40 CFR 116.4. [40 CFR 116.4]</p>

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T-7	<p>Definitions: Quarterly Average</p> <p>"Quarterly Average" means the average of "daily discharges" over a three month period, calculated as the sum of all "daily discharges" measured during the quarter divided by the number of "daily discharges" measured during the quarter. The quarterly average for E coli bacteria is the geometric mean of "daily discharges" measured during the quarter. In computing the geometric mean for E coli bacteria, the value one (1) shall be substituted for sample results of zero. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.A(61).]</p>
T-8	<p>Definitions: Weekly Average</p> <p>"Weekly average" means the average of "daily discharges" over a calendar week, calculated as the sum of all "daily discharges" measured during a calendar week divided by the number of "daily discharges" measured during that week. The weekly average for E coli bacteria is the geometric mean of all "daily discharges" measured in a calendar week. In computing the geometric mean for E coli bacteria, one (1) shall be substituted for sample results of zero. For self-monitoring purposes, the value to be reported is the single highest weekly average computed during a calendar month. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.A(86).]</p>
T-9	<p>Definitions: Quarterly Maximum</p> <p>"Quarterly Maximum" means the highest "daily discharge" measured over a three-month period. [11 Miss. Admin. Code Pt. 6, R.1.1.1.A(62).]</p>
T-10	<p>Definitions: Maximum Monthly Average</p> <p>Maximum Monthly Average means the highest "monthly average" over a monitoring period. [40 CFR 122]</p>
T-11	<p>Definitions: Yearly Average</p> <p>"Yearly Average" means the average of "daily discharges" over a calendar year, calculated as the sum of all "daily discharges" measured during the calendar year divided by the number of "daily discharges" measured during the calendar year. The yearly average for E coli bacteria is the geometric mean of "daily discharges" during the calendar year. In computing the geometric mean for E coli bacteria, the value one (1) shall be substituted for sample results of zero. [11 Miss. Admin. Code Pt. 6, R.1.1.1.A(87).]</p>

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T-12	Definitions: Yearly Maximum "Yearly Maximum" means the highest "daily discharge" measured over a calendar year. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.A(88).]
T-13	Definitions:"Submitted" means the document is postmarked on or before the applicable deadline, except as otherwise specified. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.A(67).]

Condition No.	Condition
T-14	Sediment Pond Plans and Specifications: Other than those previously approved, plans and specifications for all proposed treatment works or sedimentation ponds must be submitted to the MDEQ Office of Pollution Control prior to the commencement of construction but following final design approval from the MDEQ Office of Geology. [11 Miss Admin, Code Pt. 6, Ch. 1, Subch. 1.]
T-15	The permittee shall achieve compliance with the effluent limitations specified for discharge in accordance with the following schedule: Upon Permit Issuance. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(9).]
T-16	Within 14 days after either an interim or final date of compliance specified by this permit, the permittee shall provide the Permit Board with written notice of his compliance or noncompliance with the requirements or conditions specified to be completed by that date. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(10).]
T-17	Representative Sampling Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored wastewater. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(28)(e).]

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T-18	<p>Reporting</p> <p>If the results for a given sample analysis are such that any parameter (other than E coli) is not detected at or above the minimum level for the test method used, a value of zero will be used for that sample in calculating an arithmetic mean value for the parameter. If the resulting calculated arithmetic mean value for that reporting period is zero, the permittee shall report "NODI = B" on the DMR. For E coli, a value of 1.0 shall be used in calculating the geometric mean. If the resulting E coli mean value is 1.0, the permittee shall report "NODI = B" on the DMR. For each quantitative sample value that is not detectable, the test method used and the minimum level for that method for that parameter shall be attached to and submitted with the DMR. The permittee shall then be considered in compliance with the appropriate effluent limitation and/or reporting requirement. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 2.]</p>
T-19	<p>Reporting</p> <p>If the permittee monitors any pollutant as prescribed in the permit more frequently than required by the permit using test procedures approved under 40 CFR Part 136 or, in the case of sludge use or disposal, approved under 40 CFR Part 136 unless otherwise specified in 40 CFR Part 503, or as specified in the permit, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR or sludge reporting form specified by the Permit Board. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(15)(c)(2).]</p>
T-20	<p>Reporting</p> <p>Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified by the Permit Board in the permit. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(15)(c)(3).]</p>
T-21	<p>Test Procedures</p> <p>Test procedures for the analysis of pollutants shall include those set forth in 40 CFR 136 or alternative procedures approved and/or promulgated by EPA. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(30).]</p>

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T-22	<p>Records Retention</p> <p>All records and results of monitoring activities required by this permit, including calibration and maintenance records, shall be retained by the permittee for a minimum of three (3) years, unless otherwise required or extended by the Permit Board, copies of which shall be furnished to the Department upon request. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(29)(a).]</p>
T-23	<p>Falsifying Reports</p> <p>Any permittee who falsifies, tampers with, or knowingly renders inaccurate any monitoring device or method required by the Permit Board to be maintained as a condition in a permit, or who alters or falsifies the results obtained by such devices or methods and/or any written report required by or in response to a permit condition, shall be deemed to have violated a permit condition and shall be subject to the penalties provided for a violation of a permit condition pursuant to Section 49-17-43 of the Code. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(29)(d).]</p>
T-24	<p>Facility Expansion and/or Modification</p> <p>Any facility expansion, production increases, process modifications, changes in discharge volume or location or other changes in operations or conditions of the permittee which may result in a new or increased discharge of waste, shall be reported to the Permit Board by submission of a new application for a permit pursuant to 11 Miss. Admin. Code Pt. 6, R. 1.1.2.A.of the Mississippi Wastewater Regulations, or if the discharge does not violate effluent limitations specified in the permit, by submitting to the Permit Board a notice of a new or increased discharge. [11 Miss. Admin. Code Pt. 6, R. 1.1.4(A)(14).]</p>
T-25	<p>Duty to Comply</p> <p>The permittee must comply with all conditions of this permit. Any permit noncompliance constitutes a violation of the Clean Water Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or modification; or denial of a permit renewal application. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(2).]</p>

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T-26	<p>Proper Operation, Maintenance and Replacement</p> <p>The permittee shall at all times properly operate, maintain, and when necessary, promptly replace all facilities and systems of collection, 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 includes adequate laboratory controls and appropriate quality assurance procedures. Proper replacement includes maintaining an adequate inventory of replacement equipment and parts for prompt replacement when necessary to maintain continuous collection and treatment of wastewater. This provision requires the operation of back-up or auxiliary facilities or similar systems that are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(18).]</p>
T-27	<p>Duty to Mitigate</p> <p>The permittee shall take all reasonable steps to minimize or prevent any discharge or sludge use or disposal in violation of the permit that has a reasonable likelihood of adversely affecting human health or the environment. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(19).]</p>
T-28	<p>Bypassing</p> <p>The permittee shall comply with the terms and conditions regarding bypass found in 40 CFR 122.41(m). [40 CFR 122.41(m)]</p>
T-29	<p>Bypassing - Definitions</p> <p>"Bypass" means the intentional diversion of waste streams from any portion of a treatment facility.</p> <p>"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. [40 CFR 122.41(m)]</p>
T-30	<p>Bypassing - Bypass not exceeding limitations</p> <p>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 notice and prohibition provisions of the bypass requirements in this permit. [40 CFR 122.41(m)]</p>

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T-31	<p>Bypassing- Prohibition of Bypass</p> <p>(1) Bypass is prohibited, and the Commission may take enforcement action against a permittee unless:</p> <ul style="list-style-type: none">(i) Bypass was unavoidable to prevent loss of life, personal injury, or sever property damage.(ii) There was 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 back-up 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(iii) The permittee submitted notices as required under the Twenty-Four Hour reporting requirements set forth in this permit. <p>(2) The Commission may approve an anticipated bypass, after considering its adverse affects, if the Commission determines that it will meet the three conditions listed above in paragraph (1) of this permit condition. [40 CFR 122.41(m)]</p>
T-32	<p>Upsets</p> <p>The permittee shall meet the conditions of 40 CFR 122.41(n) regarding "Upsets" and as in the upset requirements of this permit. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A (27).]</p>
T-33	<p>Upsets- Definition</p> <p>"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 preventive maintenance, or careless or improper operation. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(27).]</p>
T-34	<p>Upsets - Effect of an Upset</p> <p>An upset constitutes an affirmative defense to an action brought for noncompliance with such technology based permit effluent limitations if the "conditions necessary for demonstration of upset" requirements of this permit are met. Any determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, shall not constitute final administrative action subject to judicial review. [11 Miss. Admin. Code Pt. 6, R.1.1.4.A(27).]</p>

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T-35	<p>Upsets - Conditions necessary for demonstration of upset</p> <p>A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:</p> <ol style="list-style-type: none">(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 40 CFR 122.41(L)(6)(ii)(B)(24-hour notice of noncompliance); and(4) The permittee complied with any remedial measures required under 40 CFR 122.41(d) (Duty to Mitigate). [11 Miss. Admin. Code Pt. 6, R.1.1.4.A(27).]
T-36	<p>Upsets - Burden of proof</p> <p>In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(27).]</p>
T-37	<p>Removed Substances</p> <p>Solids, sludges, filter backwash, or other residuals removed in the course of treatment or control of wastewater shall be disposed of in a manner such as to prevent such materials from entering State waters and in a manner consistent with the Mississippi Solid Waste Disposal Act, the Federal Resource Conservation and Recovery Act, and the Mississippi Water Pollution Control Act. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(21).]</p>
T-38	<p>Power Failures</p> <p>If electric power is required, in order to maintain compliance with the conditions and prohibitions of the permit, the permittee shall either:</p> <ol style="list-style-type: none">(1) Provide an alternative power source to operate the wastewater control facilities; or, if such alternative power source is not in existence, and no date for its implementation appears in the permit,(2) Halt, reduce, or otherwise control production and/or all wastewater flows upon reduction, loss, or failure of the primary source of power to the wastewater control facilities. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(22).]

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T-39	Inspection and Entry The permittee shall allow any authorized Commission representative to enter the permittee's premises at any reasonable time, to have access to and copy any applicable records, to inspect process facilities, treatment works, monitoring methods or equipment or to take samples, as authorized by Section 49-17-21 of the Code. In the event of investigation during an emergency response action, a reasonable time shall be any time of the day or night. Follow-up investigations subsequent to the conclusion of the emergency event shall be conducted at reasonable times. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(17).]
T-40	Transfer of Ownership or Control This permit is not transferable to any person without proper modification of this permit following procedures found in [11 Miss. Admin. Code Pt. 6, R. 1.1.5.C.]
T-41	Signatory Requirements All applications, reports, or information submitted to the Permit Board shall be signed and certified. [11 Miss. Admin. Code Pt. 6, R. 1.1.2.C.]

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T-42	<p>Signatory Requirements - Application Signatures</p> <p>All permit applications shall be signed as follows:</p> <p>(1) For a corporation: by a responsible corporate officer. For the purpose of this Section, a responsible corporate officer means: (i) a president, secretary, treasurer or vice president of the corporation in charge of a principal business function, or any other person who performs similar policy - or decision-making function for the corporation, or (ii) the manager of one or more manufacturing, production, or operating facilities provided, the manager is authorized to make management decisions which govern the operation of the regulated facility including having the explicit or implicit duty of making major capital investment recommendations, and initiating and directing other comprehensive measures to assure long term environmental compliance with environmental laws and regulations; the manager can ensure that the necessary systems are established or actions taken to gather complete and accurate information for permit application requirements; and where authority to sign documents has been assigned or delegated to the manager in accordance with corporate procedures.</p> <p>(2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or</p> <p>(3) For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official. [11 Miss. Admin. Code Pt. 6, R. 1.1.2.C.]</p>
T-43	<p>Signatory Requirements -Reports and Other Information</p> <p>All reports required by the permit and other information requested by the Permit Board shall be signed by a person described by the application signature requirements in this permit or by a duly authorized representative of that person. A person is a duly authorized representative only if:</p> <p>(1) The authorization is made in writing by a person described by the application signature requirements;</p> <p>(2) The authorization specifies either an individual or a position having responsibility for the overall operation of the regulated facility or activity, such as the position of plant manager, operator of a well or a well field, superintendent, position having overall responsibility for environmental matters for the company. (A duly authorized representative may thus be either a named individual or any individual occupying a named position.); and</p> <p>(3) The written authorization is submitted to the Permit Board. [11 Miss. Admin. Code Pt. 6, R. 1.1.2.C.]</p>

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Condition No.	Condition
T-44	<p>Signatory Requirements - Changes to Authorization</p> <p>If an authorization under the signatory requirements of this permit is no longer accurate because a different individual or position has responsibility for the overall operation of the facility, a new authorization satisfying the signatory requirements of this permit must be submitted to the Permit Board prior to or together with any reports, information, or applications. [11 Miss. Admin. Code Pt. 6, R. 1.1.2.C.]</p>
T-45	<p>Signatory Requirements - Certification</p> <p>Any person signing a document under the signatory requirements stated in this permit shall make the following certification:</p> <p>"I certify under penalty of law that this document and all attachments were prepared under the 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 fine and imprisonment for knowing violations." [11 Miss. Admin. Code Pt. 6, R. 1.1.2.C.]</p>
T-46	<p>Availability of Records</p> <p>Except for information deemed to be confidential under the Mississippi Code Ann. 49-17-39 and 40 CFR 123.41, file information relating to this permit shall be made available for public inspection and copying during normal business hours at the office of the Department of Environmental Quality in Jackson, Mississippi. Written request must be provided in accordance with policies developed by the Commission and must state, specifically, records proposed for review, date proposed for review and copying requirements. [11 Miss. Admin. Code Pt. 6, R. 1.1.3.E.]</p>
T-47	<p>Duty to Provide Information</p> <p>The permittee shall furnish to the Permit Board within a reasonable time any relevant information which the Permit Board may request to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit, or to determine compliance with the permit. The permittee shall also furnish to the Permit Board upon request, copies of records required to be kept by the permit. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(16).]</p>

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Condition No.	Condition
T-48	<p>Toxic Pollutants</p> <p>The permittee shall comply with any toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) established under Section 307(a) of the Federal Water Pollution Control Act. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(26).]</p>
T-49	<p>Toxic Pollutants Notification Requirements</p> <p>The permittee shall comply with the applicable provisions of 40 CFR 122.42. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(26).]</p>
T-50	<p>Civil and Criminal Liability</p> <p>(1) Any person who violates a term, condition or schedule of compliance contained within this permit or the Mississippi Water Pollution Control Law is subject to the actions defined by law. (2) Except as provided in permit conditions on "Bypassing" and "Upsets", nothing in this permit shall be construed to relieve the permittee from civil or criminal penalties for noncompliance. (3) It shall not be the defense of the 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 this permit. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(24).]</p>
T-51	<p>Oil and Hazardous Substance Liability</p> <p>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 to which the permittee is or may be subject to under Section 311 of the Federal Water Pollution Control Act and applicable provisions under Mississippi Law pertaining to transportation, storage, treatment, or spillage of oil or hazardous substances. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(23).]</p>
T-52	<p>Property Rights</p> <p>The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any injury to private property or any invasion of personal rights, nor any infringement of Federal, State, or local laws or regulations. [11 Miss. Admin. Code Pt. 6, R. 1.1.5. E.]</p>

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Condition No.	Condition
T-53	<p>Severability</p> <p>The provisions of this permit are severable. If any provision of this permit, or the application of any provision of this permit to any circumstances, is challenged or held invalid, the validity of the remaining permit provisions and/or portions thereof or their application to other persons or sets of circumstances, shall not be affected thereby. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(25).]</p>
T-54	<p>Protection of Confidential Information</p> <p>(1) Pursuant to Miss. Code Ann. ' 49-17-39 and 40 CFR 123.41, the Permit Board shall make available to the public all information contained on any form and all public comments on such information. Effluent data and information concerning air or water quality shall also be made available to the public. Information that is determined by the Commission to be trade secrets shall not be disclosed to the public without prior consent of the source of such information. When a claim of confidentiality is made by a person in accordance with the provisions of Miss. Code Ann. ' 49-17-39, a recommendation on the questions of confidentiality shall be made by the Commission and forwarded to the Regional Administrator (or his/her designee) of EPA for his concurrence in such determination of confidentiality. [11 Miss. Admin. Code Pt. 6, R. 1.1.3.F.]</p>
T-55	<p>Protection of Confidential Information- continued</p> <p>(2) A copy of a State, UIC, or NPDES permit application, public notice, fact sheet, draft permit and other forms relating thereto, including written public comment and other reports, files and information relating to the application not classified as confidential information by the Commission pursuant to part (1) of this requirement, shall be available for public inspection and copying during normal business hours at the office of the Department in Jackson, Mississippi. [11 Miss. Admin. Code Pt. 6, R. 1.1.3.F.]</p>

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Condition No.	Condition
T-56	<p>Protection of Confidential Information- continued</p> <p>(3) Upon determination by the Commission that information submitted by a permit applicant is entitled to protection against disclosure as trade secrets, the information shall be so labeled and otherwise handled as confidential. Copies of the information and a notice of the Commission's action shall be forwarded to the Regional Administrator (or his/her designee). In making its determination of entitlement to protection as a trade secret, the Commission shall follow the procedure set forth in Miss. Code Ann. ' 49-17-39. In the event the Commission denies the claim of confidentiality, the applicant shall have, upon notification thereof, the right to appeal the Commission's determination in the same manner provided for other orders of the Commission. No disclosure, except to EPA, shall be allowed until any appeal from the determination of the Commission is completed. [11 Miss. Admin. Code Pt. 6, R. 1.1.3.F.]</p>
T-57	<p>Spill Prevention and Best Management Plans</p> <p>Any permittee which has above ground bulk storage capacity, of more than 1320 gallons or any single container with a capacity greater than 660 gallons, of materials and/or liquids (including but not limited to, all raw, finished and/or waste material) with chronic or acute potential for pollution impact on waters of the State and not subject to Mississippi Hazardous Waste Management Regulations or 40 CFR 112 (Oil Pollution Prevention) regulations shall provide secondary containment as found in 40 CFR 112 or equivalent protective measures such as trenches or waterways which would conduct any tank releases to a permitted treatment system or sufficient equalization or treatment capacity needed to prevent chronic/acute pollution impact. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(12)(a).]</p>
T-58	<p>Reopener Clause</p> <p>This permit shall be modified, or alternately, revoked and reissued, to comply with any applicable effluent standard, limitation or storm water regulation issued or approved under Section 301(b)(2)(C), and (D), 304(b)(2), 307(a)(2) and 402(p) of the Federal Water Pollution Control Act if the effluent standard, limitation or regulation so issued or approved:</p> <ol style="list-style-type: none">1. Contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or2. Controls any pollutant not limited in the permit.3. This permit shall be modified to reflect any additional or otherwise more stringent limitations and additional monitoring as determined to be necessary by the results of a Completed TMDL. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.F(1).]

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Condition No.	Condition
T-59	<p>Closure Requirements</p> <p>Should the permittee decide to permanently close and abandon the premises upon which it operates, it shall provide a Closure Plan to the Permit Board no later than 90 days prior to doing so. This Closure Plan shall address how and when all manufactured products, by-products, raw materials, stored chemicals, and solid and liquid waste and residues will be removed from the premises or permanently disposed of on site such that no potential environmental hazard to the waters of the State will be presented. Closure plan(s) submitted to and approved by Mississippi Department of Environmental Quality for compliance with other environmental regulations will satisfy the closure requirements for those items specifically addressed in the closure plan(s) as long as the closure does not present a potential for environmental hazard to waters of the State. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(11).]</p>
T-60	<p>Permit Actions</p> <p>The permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or a modification of planned changes or anticipated noncompliance, does not stay any permit condition. [11 Miss. Admin. Code Pt. 6, R. 1.1.5.C(5).]</p>

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RPNT000000010 (MS0054046-108) Outfall 108 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond SP-7.) - External:

Submittal/Action Requirements:

Condition No.	Condition
S-1	The permittee shall notify MDEQ within fifteen (15) days after the commencement of discharge from Outfall 108. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]
S-2	Application Submittal Upon the commencement of discharge, the permittee shall begin to sample in accordance with EPA Form 2C. The permittee shall also sample for Total Recoverable Aluminum once per discharge event with a grab sample of the effluent until 24 samples are collected for Total Recoverable Aluminum. Section 12.2 and Tables A through E of Form 2C shall be completed and submitted to the Mississippi Environmental Quality Permit Board no later than the 28th day of the month following the completed collection of all sampling data. Based upon the results of the analyses, the permit may be reopened and reissued to reflect this data. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]
S-3	10-year, 24-hour Precipitation Event - Reporting Any discharge or increase in the volume of a discharge caused by precipitation within any 24-hour period greater than the 10 year, 24-hour precipitation event (6.25 inches) may comply with the 6.0 to 9.0 pH effluent limitation instead of the maximum Total Recoverable Iron, Total Recoverable Manganese, and Total Suspended Solids limitations. If this situation occurs then the permittee shall indicate conditional monitoring (not required this period) by including the No Data Indicator (NODI) = 9 on the discharge monitoring report (DMR) for maximum Total Recoverable Iron, Total Recoverable Manganese and Total Suspended Solids. [40 CFR 434.63(d)2]
S-4	10-year, 24-hour Precipitation Event- Notification The permittee shall have the burden of proof and shall provide written notification to MDEQ that a discharge from Outfall 108 occurred as a result of a 10-year, 24-hour precipitation event. This notification should indicate the total number of discharge events sampled during the monitoring period. This notification should be made following the completion of the discharge monitoring period and should be submitted with the discharge monitoring reports (DMR's). [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]
S-5	The Permittee shall submit analytical results on a monthly Discharge Monitoring Report (DMR) : Due monthly, by the 28th of the subsequent month. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(15)c.]

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RPNT0000000010 (MS0054046-108) Outfall 108 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond SP-7.) - External:

Submittal/Action Requirements:

Condition No.	Condition
S-6	The permittee shall sample for Total Recoverable Aluminum, pH, Dissolved Organic Carbon, and Hardness once per discharge event with a grab sample of the effluent beginning the month following the effective issuance date of the permit until 24 samples are received. All monitoring results shall be submitted to the Mississippi Environmental Quality Permit Board no later than the 28th day of the month following the completed collection of the 24 samples. Sampling may be performed concurrently with the sampling requirements found in Condition S-2. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]

Narrative Requirements:

Condition No.	Condition
T-1	The permittee shall operate and maintain sedimentation Pond SP-7 according to the approved design specifications. [11 Miss Admin, Code Pt. 6, Ch. 1, Subch. 1.]

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RPNT000000017 (MS0054046-111) Outfall 111 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond P-29-2.) - External:

Submittal/Action Requirements:

Condition No.	Condition
S-1	<p>10-year, 24-hour Precipitation Event - Reporting</p> <p>Any discharge or increase in the volume of a discharge caused by precipitation within any 24-hour period greater than the 10 year, 24-hour precipitation event (6.25 inches) may comply with the 6.0 to 9.0 pH effluent limitation instead of the maximum Total Recoverable Iron, Total Recoverable Manganese, and Total Suspended Solids limitations. If this situation occurs then the permittee shall indicate conditional monitoring (not required this period) by including the No Data Indicator (NODI) = 9 on the discharge monitoring report (DMR) for maximum Total Recoverable Iron, Total Recoverable Manganese, and Total Suspended Solids. [40 CFR 434.63(d)2]</p>
S-2	<p>10-year, 24-hour Precipitation Event- Notification</p> <p>The permittee shall have the burden of proof and shall provide written notification to MDEQ that a discharge from Outfall 111 occurred as a result of a 10-year, 24-hour precipitation event. This notification should indicate the total number of discharge events sampled during the monitoring period. This notification should be made following the completion of the discharge monitoring period and should be submitted with the discharge monitoring reports (DMR's). [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]</p>
S-3	<p>The Permittee shall submit analytical results on a monthly Discharge Monitoring Report (DMR) : Due monthly, by the 28th of the subsequent month. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(15)c]</p>
S-4	<p>Application Submittal</p> <p>Within 180 days after permit issuance, Section 12.2 and Tables A through E of Form 2C shall be completed and submitted to the Mississippi Environmental Quality Permit Board. . Based upon the results of the analyses, the permit may be reopened and reissued to reflect this data. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]</p>

Narrative Requirements:

Condition No.	Condition
T-1	<p>The permittee shall operate and maintain sedimentation Pond P-29-2 according to the approved design specifications. [11 Miss Admin, Code Pt. 6, Ch. 1, Subch. 1.]</p>

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RPNT000000018 (MS0054046-113) Outfall 113 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond RP-33-1.) - External:

Submittal/Action Requirements:

Condition No.	Condition
S-1	The permittee shall provide written notification to MDEQ when 100 percent of the drainage area for this outfall has been returned to the required contour and when revegetation (specifically, seeding or planting) work has been completed. Once approval has been provided by MDEQ, the effluent limitations and monitoring requirements for Outfall 213 will become effective. [11 Miss Admin, Code Pt. 6, Ch. 1, Subch. 1.]
S-2	The permittee shall sample for Total Recoverable Aluminum, pH, Dissolved Organic Carbon, and Hardness once per discharge event with a grab sample of the effluent beginning the month following the effective issuance date of the permit until 24 samples are received. All monitoring results shall be submitted to the Mississippi Environmental Quality Permit Board no later than the 28th day of the month following the completed collection of the 24 samples. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]
S-3	10-year, 24-hour Precipitation Event - Reporting Any discharge or increase in the volume of a discharge caused by precipitation within any 24-hour period greater than the 10 year, 24-hour precipitation event (6.25 inches) may comply with the 6.0 to 9.0 pH effluent limitation instead of the maximum Total Recoverable Iron, Total Recoverable Manganese, and Total Suspended Solids limitations. If this situation occurs then the permittee shall indicate conditional monitoring (not required this period) by including the No Data Indicator (NODI) = 9 on the discharge monitoring report (DMR) for maximum Total Recoverable Iron, Total Recoverable Manganese and Total Suspended Solids. [40 CFR 434.63(d)2]
S-4	10-year, 24-hour Precipitation Event- Notification The permittee shall have the burden of proof and shall provide written notification to MDEQ that a discharge from Outfall 113 occurred as a result of a 10-year, 24-hour precipitation event. This notification should indicate the total number of discharge events sampled during the monitoring period. This notification should be made following the completion of the discharge monitoring period and should be submitted with the discharge monitoring reports (DMR's). [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]
S-5	The Permittee shall submit analytical results on a monthly Discharge Monitoring Report (DMR) : Due monthly, by the 28th of the subsequent month. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(15)c]
S-6	The permittee shall sample for Total Recoverable Copper twice per month for six months with a grab sample of the effluent until 12 samples are collected. All monitoring results shall be submitted to the Mississippi Environmental Quality Permit Board no later than the 28th day of the month following the completed collection of the 12 samples. Based upon the results of the analyses, the permit may be reopened and reissued to reflect this data. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]

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RPNT0000000018 (MS0054046-113) Outfall 113 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond RP-33-1.) - External:

Narrative Requirements:

Condition No.	Condition
T-1	The permittee shall operate and maintain sedimentation Pond RP-33-1 according to the approved design specifications. [11 Miss Admin, Code Pt. 6, Ch. 1, Subch. 1.]

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RPNT0000000019 (MS0054046-213) Outfall 213 (Stormwater runoff from the surface mine reclamation area discharged from Sedimentation Pond RP-33-1) - External:

Submittal/Action Requirements:

Condition No.	Condition
S-1	The permittee shall notify MDEQ within fifteen (15) days after the commencement of discharge from Outfall 213. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]
S-2	Application Submittal Upon the commencement of discharge, the permittee shall begin to sample in accordance with EPA Form 2C. The permittee shall also sample for Total Recoverable Aluminum once per discharge event with a grab sample of the effluent until 24 samples are collected for Total Recoverable Aluminum. Section 12.2 and Tables A through E of Form 2C shall be completed and submitted to the Mississippi Environmental Quality Permit Board no later than the 28th day of the month following the completed collection of all sampling data. Based upon the results of the analyses, the permit may be reopened and reissued to reflect this data. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]
S-3	10-year, 24-hour Precipitation Event - Reporting Any discharge or increase in the volume of a discharge caused by precipitation within any 24-hour period greater than the 10 year, 24-hour precipitation event (6.25 inches) may comply with the 6.0 to 9.0 pH effluent limitation instead of the Settable Solids limitations. If this situation occurs then the permittee shall indicate conditional monitoring (not required this period) by including the No Data Indicator (NODI) = 9 on the discharge monitoring report (DMR) for Settable Solids. [40 CFR 434.63(d)2]
S-4	10-year, 24-hour Precipitation Event- Notification The permittee shall have the burden of proof and shall provide written notification to MDEQ that a discharge from Outfall 213 occurred as a result of a 10-year, 24-hour precipitation event. This notification should indicate the total number of discharge events sampled during the monitoring period. This notification should be made following the completion of the discharge monitoring period and should be submitted with the discharge monitoring reports (DMR's). [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]
S-5	The Permittee shall submit analytical results on an annual Discharge Monitoring Report (DMR) : Due annually by the 28th of January. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(15)c.]

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RPNT0000000019 (MS0054046-213) Outfall 213 (Stormwater runoff from the surface mine reclamation area discharged from Sedimentation Pond RP-33-1) - External:

Submittal/Action Requirements:

Condition No.	Condition
S-6	Upon the commencement of discharge, the permittee shall sample for Total Recoverable Aluminum, pH, Dissolved Organic Carbon, and Hardness once per discharge event with a grab sample of the effluent until 24 samples are received. All monitoring results shall be submitted to the Mississippi Environmental Quality Permit Board no later than the 28th day of the month following the completed collection of the 24 samples. Sampling may be performed concurrently with the sampling requirements found in Condition S-2. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]

Narrative Requirements:

Condition No.	Condition
T-1	The permittee shall operate and maintain sedimentation Pond RP-33-1 according to the approved design specifications. [11 Miss Admin, Code Pt. 6, Ch. 1, Subch. 1.]

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RPNT000000022 (MS0054046-301) Outfall 301 (Treated sanitary wastewater discharges to Sedimentation Pond SP-6 then through Outfall 110) - Internal:

Submittal/Action Requirements:

Condition No.	Condition
S-1	The Permittee shall submit analytical results on a monthly Discharge Monitoring Report (DMR) : Due monthly, by the 28th of the subsequent month. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(15)c]

Narrative Requirements:

Condition No.	Condition
T-1	The sampling location for E. Coli and Total Residual Chlorine shall be taken at the nearest accessible point after chlorination but prior to dechlorination. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]

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RPNT000000023 (MS0054046-110) Outfall 110 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond SP-6.) - External:

Submittal/Action Requirements:

Condition No.	Condition
S-1	<p>10-year, 24-hour Precipitation Event - Reporting</p> <p>Any discharge or increase in the volume of a discharge caused by precipitation within any 24-hour period greater than the 10 year, 24-hour precipitation event (6.25 inches) may comply with the 6.0 to 9.0 pH effluent limitation instead of the maximum Total Recoverable Iron, Total Recoverable Manganese, and Total Suspended Solids limitations. If this situation occurs then the permittee shall indicate conditional monitoring (not required this period) by including the No Data Indicator (NODI) = 9 on the discharge monitoring report (DMR) for maximum Total Recoverable Iron, Total Recoverable Manganese, and Total Suspended Solids. [40 CFR 434.63(d)2]</p>
S-2	<p>10-year, 24-hour Precipitation Event- Notification</p> <p>The permittee shall have the burden of proof and shall provide written notification to MDEQ that a discharge from Outfall 110 occurred as a result of a 10-year, 24-hour precipitation event. This notification should indicate the total number of discharge events sampled during the monitoring period. This notification should be made following the completion of the discharge monitoring period and should be submitted with the discharge monitoring reports (DMR's). [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]</p>
S-3	<p>The Permittee shall submit analytical results on a monthly Discharge Monitoring Report (DMR) : Due monthly, by the 28th of the subsequent month. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(15)c.]</p>
S-4	<p>Application Submittal</p> <p>Within 180 days after permit issuance, Section 12.2 and Tables A through E of Form 2C shall be completed and submitted to the Mississippi Environmental Quality Permit Board. Based upon the results of the analyses, the permit may be reopened and reissued to reflect this data. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]</p>

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RPNT0000000023 (MS0054046-110) Outfall 110 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond SP-6.) - External:

Narrative Requirements:

Condition No.	Condition
T-1	The permittee shall operate and maintain sedimentation Pond SP-6 and Pond RP-27-1 according to the approved design specifications. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]

Permit to Discharge Wastewater in Accordance with National Pollutant Discharge Elimination System

Mississippi Lignite Mining Company

Facility Requirements

Permit Number: MS0054046

Activity ID No.:PER20240001

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RPNT0000000025 (MS0054046-116) Outfall 116 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond SP-5.) - External:

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1	Selenium (Total Recoverable)	Selenium (Total Recoverable) monitored by Grab Sampling Once per Discharge Event. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(15)c.] This requirement is applicable during the following months: Jan-Dec. Statistical basis: Monthly Average.
M-2	Selenium (Total Recoverable)	Selenium (Total Recoverable) monitored by Grab Sampling Once per Discharge Event. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(15)c.] This requirement is applicable during the following months: Jan-Dec. Statistical basis: Daily Maximum.

Submittal/Action Requirements:

Condition No.	Condition
S-1	The permittee shall notify MDEQ within fifteen (15) days after the commencement of discharge from Outfall 116. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]
S-2	Application Submittal Upon the commencement of discharge, the permittee shall begin to sample in accordance with EPA Form 2C. The permittee shall also sample for Total Recoverable Aluminum once per discharge event with a grab sample of the effluent until 24 samples are collected for Total Recoverable Aluminum. Section 12.2 and Tables A through E of Form 2C shall be completed and submitted to the Mississippi Environmental Quality Permit Board no later than the 28th day of the month following the completed collection of all sampling data. Based upon the results of the analyses, the permit may be reopened and reissued to reflect this data. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]
S-3	10-year, 24-hour Precipitation Event - Reporting Any discharge or increase in the volume of a discharge caused by precipitation within any 24-hour period greater than the 10 year, 24-hour precipitation event (6.25 inches) may comply with the 6.0 to 9.0 pH effluent limitation instead of the maximum Total Recoverable Iron, Total Recoverable Manganese, and Total Suspended Solids limitations. If this situation occurs then the permittee shall indicate conditional monitoring (not required this period) by including the No Data Indicator (NODI) = 9 on the discharge monitoring report (DMR) for maximum Total Recoverable Iron, Total Recoverable Manganese, and Total Suspended Solids. [40 CFR 434.63(d)2]

*** Draft Permit ***

Permit to Discharge Wastewater in Accordance with National Pollutant Discharge Elimination System

Mississippi Lignite Mining Company

Facility Requirements

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RPNT0000000025 (MS0054046-116) Outfall 116 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond SP-5.) - External:

Submittal/Action Requirements:

Condition No.	Condition
S-4	10-year, 24-hour Precipitation Event- Notification The permittee shall have the burden of proof and shall provide written notification to MDEQ that a discharge from Outfall 116 occurred as a result of a 10-year, 24-hour precipitation event. This notification should indicate the total number of discharge events sampled during the monitoring period. This notification should be made following the completion of the discharge monitoring period and should be submitted with the discharge monitoring reports (DMR's). [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]
S-5	The Permittee shall submit analytical results on a monthly Discharge Monitoring Report (DMR) : Due monthly, by the 28th of the subsequent month. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(15)c.]
S-6	Upon the commencement of discharge, the permittee shall sample for Total Recoverable Aluminum, pH, Dissolved Organic Carbon, and Hardness once per discharge event with a grab sample of the effluent until 24 samples are received. All monitoring results shall be submitted to the Mississippi Environmental Quality Permit Board no later than the 28th day of the month following the completed collection of the 24 samples. Sampling may be performed concurrently with the sampling requirements found in Condition S-2. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]

Narrative Requirements:

Condition No.	Condition
T-1	The permittee shall operate and maintain sedimentation Pond SP-5 according to the approved design specifications. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]

Permit to Discharge Wastewater in Accordance with National Pollutant Discharge Elimination System

Mississippi Lignite Mining Company

Facility Requirements

Permit Number: MS0054046

Activity ID No.:PER20240001

RPNT000000026 (MS0054046-117) Outfall 117 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond SP-5.) - External:

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1	Selenium (Total Recoverable)	Selenium (Total Recoverable) monitored by Grab Sampling Once per Discharge Event. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(15)c.] This requirement is applicable during the following months: Jan-Dec. Statistical basis: Monthly Average.
M-2	Selenium (Total Recoverable)	Selenium (Total Recoverable) monitored by Grab Sampling Once per Discharge Event. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(15)c.] This requirement is applicable during the following months: Jan-Dec. Statistical basis: Daily Maximum.

Submittal/Action Requirements:

Condition No.	Condition
S-1	The permittee shall notify MDEQ within fifteen (15) days after the commencement of discharge from Outfall 117. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]
S-2	Application Submittal Upon the commencement of discharge, the permittee shall begin to sample in accordance with EPA Form 2C. The permittee shall also sample for Total Recoverable Aluminum once per discharge event with a grab sample of the effluent until 24 samples are collected for Total Recoverable Aluminum. Section 12.2 and Tables A through E of Form 2C shall be completed and submitted to the Mississippi Environmental Quality Permit Board no later than the 28th day of the month following the completed collection of all sampling data. Based upon the results of the analyses, the permit may be reopened and reissued to reflect this data. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]
S-3	10-year, 24-hour Precipitation Event - Reporting Any discharge or increase in the volume of a discharge caused by precipitation within any 24-hour period greater than the 10 year, 24-hour precipitation event (6.25 inches) may comply with the 6.0 to 9.0 pH effluent limitation instead of the maximum Total Recoverable Iron, Total Recoverable Manganese, and Total Suspended Solids limitations. If this situation occurs then the permittee shall indicate conditional monitoring (not required this period) by including the No Data Indicator (NODI) = 9 on the discharge monitoring report (DMR) for maximum Total Recoverable Iron, Total Recoverable Manganese, and Total Suspended Solids. [40 CFR 434.63(d)2]

Permit to Discharge Wastewater in Accordance with National Pollutant Discharge Elimination System

Mississippi Lignite Mining Company

Facility Requirements

Permit Number: MS0054046

Activity ID No.:PER20240001

RPNT0000000026 (MS0054046-117) Outfall 117 (Stormwater runoff from the active surface mining areas, from the lignite stock pile area, and from the utilization of coal combustion ash discharged from Sedimentation Pond SP-5.) - External:

Submittal/Action Requirements:

Condition No.	Condition
S-4	10-year, 24-hour Precipitation Event- Notification The permittee shall have the burden of proof and shall provide written notification to MDEQ that a discharge from Outfall 117 occurred as a result of a 10-year, 24-hour precipitation event. This notification should indicate the total number of discharge events sampled during the monitoring period. This notification should be made following the completion of the discharge monitoring period and should be submitted with the discharge monitoring reports (DMR's). [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]
S-5	The Permittee shall submit analytical results on a monthly Discharge Monitoring Report (DMR) : Due monthly, by the 28th of the subsequent month. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(15)c.]
S-6	Upon the commencement of discharge, the permittee shall sample for Total Recoverable Aluminum, pH, Dissolved Organic Carbon, and Hardness once per discharge event with a grab sample of the effluent until 24 samples are received. All monitoring results shall be submitted to the Mississippi Environmental Quality Permit Board no later than the 28th day of the month following the completed collection of the 24 samples. Sampling may be performed concurrently with the sampling requirements found in Condition S-2. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]

Narrative Requirements:

Condition No.	Condition
T-1	The permittee shall operate and maintain sedimentation Pond SP-5 according to the approved design specifications. [11 Miss. Admin. Code Pt. 6, Ch. 1, Subch. 1.]

GENERAL INFORMATION

Mississippi Lignite Mining Company
1000 McIntire Road
Ackerman, MS
Choctaw County

Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
676	Mississippi Lignite Mining Company	Official Site Name	08/25/1998	
MSR101154	Mississippi Lignite Mining Company	GP-Construction	08/25/1998	04/07/2000
MSR101154	Mississippi Lignite Mining Company	GP-Construction	04/13/2000	05/07/2002
MS0054046	Mississippi Lignite Mining Company	Water - NPDES	08/25/1998	02/10/2003
MS0054046	Mississippi Lignite Mining Company	Water - NPDES	02/11/2003	01/31/2008
MSR000005330	Mississippi Lignite Mining Company	Hazardous Waste-EPA ID	03/17/1999	
MS0054046	Mississippi Lignite Mining Company	Water - NPDES	04/14/2008	03/31/2013
WQC2012074	Mississippi Lignite Mining Company	WQC Number	12/16/2013	
RVHMK2002794	Mississippi Lignite Mining Company	COE Public Notice/ Permit Number	06/20/2012	07/10/2012
MS0054046	Mississippi Lignite Mining Company	Water - NPDES	01/30/2014	12/31/2018
	Branch	Branches Group - Water	07/18/2017	
	Branch	Branches Group - Stormwater-401	07/18/2017	01/19/2023
	Branch	Branches Group - Hazardous Waste	08/04/2017	
MVK-2017-257	Mississippi Lignite Mining Company	COE Public Notice/ Permit Number	09/29/2017	
WQC2017105	Mississippi Lignite Mining Company	WQC Number	03/22/2018	
WQC2018043	Mississippi Lignite Mining Company	WQC Number	02/11/2020	
MVK2016509	Mississippi Lignite Mining Company	COE Public Notice/ Permit Number	10/04/2018	
MS0054046	Mississippi Lignite Mining Company	Water - NPDES	02/11/2020	01/31/2025
MSR108073	Mississippi Lignite Mining Company	GP-Construction	02/20/2020	12/31/2021
MSR108199	Mississippi Lignite Mining Company	GP-Construction	06/15/2020	12/31/2021
MSR108199	Mississippi Lignite Mining Company	GP-Construction	09/07/2022	01/19/2023

Basin: Big Black River Basin

*** Draft Permit ***

GENERAL INFORMATION

Location Description:

Imported from I-sys