State of Mississippi

WATER POLLUTION CONTROL PERMIT

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

THIS CERTIFIES

Mississippi Phosphates Corporation
601 Highway 611
Pascagoula, MS
Jackson 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: MAY 17 2013

Expires: OCT 31 2014

Permit No. MS0003115

Agency Interest # 2068

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

Mississippi Phosphates Corporation
Subject Item Inventory
Permit Number:MS0003115
Activity ID No.: PER20120001

Subject Item Inventory:

ID	Designation	Description
AI2068		
RPNT10	MS0003115-001	Outfall 001 (Internal Outfall for contaminated non-process wastewater from process areas including but not limited to industrial non-contact cooling water, pump seal water, cooling tower blowdown, boiler blowdown, steam condensate, plant storm water runoff, closed gypsum stack storm water runoff from internal outfall 006-B2 (i.e., rainwater from south of closed gypsum stack), and demineralized backwash water)
RPNT11	MS0003115-002	Outfall 002 (Internal Outfall for treated wastewater originating from the calcium sulfate storage pile (gypstack) runoff.
RPNT12	MS0003115-003	Outfall 003 (Combined discharges from internal outfalls 001 and 002)
RPNT32	MS0003115-103	Outfall 103 (Former Outfall 003 that is used to discharge overflow from Internal Outfall 001)
RPNT13	MS0003115-004	Outfall 004 (Storm water runoff from non-process area, shops, offices, roads, railroads, and lawns)
RPNT14	MS0003115-005	Outfall 005 (Non-contaminated Storm Water Runoff from the east Gypsum Storage Pile Perimeter (i.e., runoff from outside the active gypsum stack outer containment dike))
RPNT16	MS0003115-006B1	Outfall 006B1 (Storm Water Runoff from the bottom storm water ditch level on the southwest side of the Closed West Gypsum Storage Pile)
RPNT31	MS0003115-006B2	Outfall 006B2 (Internal Outfall for "Capped Gypsum Stack Runoff" from the bottom storm water ditch level on the south side of the Closed West Gypsum Storage Pile. This outfall internally discharges into Outfall 001)
RPNT17	MS0003115-007T1	Outfall 007T1 (Storm Water Runoff from the top level on the west side of the Closed West Gypsum Storage Pile)
RPNT28	MS0003115-007T2	Outfall 007T2 (Storm Water Runoff from the top level on the west side of the Closed West Gypsum Storage Pile)
RPNT18	MS0003115-007I	Outfall 007I (Storm Water Runoff from the Infill Bench Areas on the west side of the Closed West Gypsum Storage Pile)
RPNT19	MS0003115-007B	Outfall 007B (Storm Water Runoff from the bottom storm water ditch level on the west side of the Closed West Gypsum Storage Pile)
RPNT29	MS0003115-007S	Outfall 007S (Storm Water Runoff from the Surge Cooling Ditch Level on the west side of the Closed West Gypsum Storage Pile)
RPNT20	MS0003115-008B	Outfall 008B (Storm Water Runoff from the bottom storm water ditch level on the northwest side of the Closed West Gypsum Storage Pile)
RPNT21	MS0003115-008T	Outfall 008T (Storm Water Runoff from the top level on the northwest side of the Closed West Gypsum Storage Pile)
RPNT22	MS0003115-008I1	Outfall 008I1 (Storm Water Runoff from the Infill Bench Areas on the northwest side of the Closed West Gypsum Storage Pile)
RPNT30	MS0003115-008I2	Outfall 008I2 (Storm Water Runoff from the Infill Bench Areas on the northwest side of the Closed West Gypsum Storage Pile)

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

Mississippi Phosphates Corporation
Subject Item Inventory
Permit Number:MS0003115
Activity ID No.: PER20120001

ID	Designation	Description
RPNT23	MS0003115-008S	Outfall 008S (Storm Water Runoff from the Surge Cooling Ditch Level on the northwest side of the Closed West Gypsum Storage Pile)
RPNT24	MS0003115-009S	Outfall 009S (Storm Water Runoff from the Surge Cooling Ditch Level on the northeast side of the Closed West Gypsum Storage Pile)
RPNT26	MS0003115-009B	Outfall 009B (Storm Water Runoff from the bottom storm water ditch level on the northeast side of the Closed West Gypsum Storage Pile)

Receiving Stream Relationships:

Subject Item	Relationship	Receiving Stream
AI 2068	Discharges Into	Bayou Casotte
	Then Into	Mississippi Sound
RPNT32 Outfall 103 (Former Outfall 003 that is used to discharge overflow from Internal Outfall 001)	Discharges Into	Bayou Casotte
	Then Into	Mississippi Sound

KEY

ACT = Activity	AI = Agency Interest
AREA = Area	CAFO = Concentrated Animal Feeding Operation
CONT = Control Device	EQPT = Equipment
IA = Insignificant Activity	MAFO = Animal Feeding Operation
RPNT = Release Point	TRMT = Treatment

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 001 (Internal Outfall for contaminated non-process wastewater from process areas including but not limited to industrial non-contact cooling water, pump seal water, cooling tower blowdown, boiler blowdown, steam condensate, plant storm water runoff, closed gypsum stack storm water runoff from internal outfall 006-B2 (i.e., rainwater from south of closed gypsum stack), and demineralized backwash water)**

RPNT0000000010: MS0003115-001

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
Flow ***Effluent***	Report Monthly Average	Report Daily Maximum	Million Gallons per Day	******	******	******	******	Continuously	Continuous Recorder	Jan-Dec
Fluoride (Total) ***Effluent***	292 Monthly Average	876 Daily Maximum	pounds per day	******	25 Monthly Average	75 Daily Maximum	mg/L	3 Times per Week	24-hr Composite	Jan-Dec
pH ***Effluent***	******	******	******	Report Minimum	******	Report Maximum	SU	Continuously	Continuous Recorder	Jan-Dec
Phosphorus (Total) ***Effluent***	434.93 Monthly Average	1304.79 Daily Maximum	pounds per day	******	35 Monthly Average	105 Daily Maximum	mg/L	3 Times per Week	24-hr Composite	Jan-Dec
Solids (Total Suspended) ***Effluent***	1656.65 Monthly Average	4969.95 Daily Maximum	pounds per day	******	133.31 Monthly Average	399.94 Daily Maximum	mg/L	3 Times per Week	24-hr Composite	Jan-Dec
Alpha Gross Radioactivity ***Effluent***	******	******	******	******	Report Annual Average	Report Annual Maximum	Pico Curies per Liter	Once Every 3 Months	24-hr Composite	Jan-Dec
Beta Gross Radioactivity ***Effluent***	******	******	******	******	Report Annual Average	Report Annual Maximum	Pico Curies per Liter	Once Every 3 Months	24-hr Composite	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 001 (Internal Outfall for contaminated non-process wastewater from process areas including but not limited to industrial non-contact cooling water, pump seal water, cooling tower blowdown, boiler blowdown, steam condensate, plant storm water runoff, closed gypsum stack storm water runoff from internal outfall 006-B2 (i.e., rainwater from south of closed gypsum stack), and demineralized backwash water)**

RPNT0000000010: MS0003115-001

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
Radium 226 + Radium 228, total ***Effluent***	******	******	******	******	Report Annual Average	Report Annual Maximum	Pico Curies per Liter	Once Every 3 Months	24-hr Composite	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 002 (Internal Outfall for treated wastewater originating from the calcium sulfate storage pile (gypstack) runoff.**

RPNT0000000011: MS0003115-002

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
Duration of Discharge Effluent	Report Monthly Total	******	Days per Month	******	******	******	******	Daily	Measurement	Jan-Dec
Flow Effluent	Report Monthly Average	Report Daily Maximum	Million Gallons per Day	******	******	******	******	Continuously	Continuous Recorder	Jan-Dec
Flow (Total) Effluent	Report Monthly Total	******	Million Gallons per Year	******	******	******	******	Continuously	Continuous Recorder	Jan-Dec
Fluoride (Total) Effluent	183 Monthly Average	550 Daily Maximum	pounds per day	******	11 Monthly Average	33 Daily Maximum	mg/L	3 Times per Week	24-hr Composite	Jan-Dec
pH Effluent	******	******	******	Report Minimum	******	Report Maximum	SU	Continuously	Continuous Recorder	Jan-Dec
Phosphorus (Total) Effluent	267 Monthly Average	801 Daily Maximum	pounds per day	******	16 Monthly Average	48 Daily Maximum	mg/L	3 Times per Week	24-hr Composite	Jan-Dec
Rainfall Effluent	Report Monthly Total	Report Daily Maximum	in	******	******	******	******	Daily	Measurement	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 002 (Internal Outfall for treated wastewater originating from the calcium sulfate storage pile (gypstack) runoff.**

RPNT0000000011: MS0003115-002

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
Rainfall Duration Effluent	Report Monthly Total	******	Days per Month	******	******	******	******	Daily	Estimate	Jan-Dec
Solids (Total Suspended) Effluent	1501 Monthly Average	2502 Daily Maximum	pounds per day	******	90 Monthly Average	150 Daily Maximum	mg/L	3 Times per Week	24-hr Composite	Jan-Dec
Surge Capacity Effluent	******	******	******	Report Daily Minimum	******	Report Daily Maximum	Inches	Daily	Measurement	Jan-Dec
Alpha Gross Radioactivity Effluent	******	******	******	******	Report Annual Average	Report Annual Maximum	Pico Curies per Liter	Once Every 3 Months	24-hr Composite	Jan-Dec
Beta Gross Radioactivity Effluent	******	******	******	******	Report Annual Average	Report Annual Maximum	Pico Curies per Liter	Once Every 3 Months	24-hr Composite	Jan-Dec
Radium 226 + Radium 228, total Effluent	******	******	******	******	Report Annual Average	Report Annual Maximum	Pico Curies per Liter	Once Every 3 Months	24-hr Composite	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 003 (Combined discharges from internal outfalls 001 and 002)**

RPNT0000000012: **MS0003115-003**

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
Ammonia Nitrogen, Total (as N) Effluent [Phase I]	1048 Monthly Average	1572 Daily Maximum	pounds per day	******	83.77 Monthly Average	125.65 Daily Maximum	mg/L	3 Times per Week	24-hr Composite	Jan-Dec
Copper (Total Recoverable) Effluent [Phase I]	0.225 Monthly Average	0.425 Daily Maximum	pounds per day	******	0.018 Monthly Average	0.034 Daily Maximum	mg/L	Twice per Month	24-hr Composite	Jan-Dec
Lead (Total Recoverable) Effluent [Phase I]	Report Monthly Average	Report Daily Maximum	pounds per day	******	Report Monthly Average	Report Daily Maximum	mg/L	Twice per Month	24-hr Composite	Jan-Dec
Nickel (Total Recoverable) Effluent [Phase I]	Report Monthly Average	Report Daily Maximum	pounds per day	******	Report Monthly Average	Report Daily Maximum	mg/L	Twice per Month	24-hr Composite	Jan-Dec
Temperature (Deg. F) Effluent [Phase I]	******	******	******	******	******	95 Daily Maximum	degrees F	Continuously	Continuous Recorder	Jan-Dec
Zinc (Total Recoverable) Effluent [Phase I]	Report Monthly Average	Report Daily Maximum	pounds per day	******	Report Monthly Average	Report Daily Maximum	mg/L	Twice per Month	24-hr Composite	Jan-Dec
Arsenic Effluent [Phase I, Phase II]	Report Monthly Average	Report Daily Maximum	pounds per day	******	Report Monthly Average	Report Daily Maximum	mg/L	Twice per Month	24-hr Composite	Jan-Dec
Cadmium Effluent [Phase I, Phase II]	Report Monthly Average	Report Daily Maximum	pounds per day	******	Report Monthly Average	Report Daily Maximum	mg/L	Twice per Month	24-hr Composite	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 003 (Combined discharges from internal outfalls 001 and 002)**

RPNT0000000012: **MS0003115-003**

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
Chromium (Total Recoverable) Effluent [Phase I, Phase II]	Report Monthly Average	Report Daily Maximum	pounds per day	******	Report Monthly Average	Report Daily Maximum	mg/L	Twice per Month	24-hr Composite	Jan-Dec
Flow Effluent [Phase I, Phase II]	Report Monthly Average	Report Daily Maximum	Million Gallons per Day	******	******	******	******	Continuously	Continuous Recorder	Jan-Dec
pH Effluent [Phase I, Phase II]	******	******	******	Report Minimum	******	Report Maximum	SU	Continuously	Continuous Recorder	Jan-Dec
pH range excursions, monthly total accumulated Effluent [Phase I, Phase II]	******	******	******	******	******	446 Monthly Total	min	Continuously	Continuous Recorder	Jan-Dec
pH range excursions, > 60 minutes Effluent [Phase I, Phase II]	******	0 Monthly Total	occurrences per month	******	******	******	******	Continuously	Continuous Recorder	Jan-Dec
Selenium (Total Recoverable) Effluent [Phase I, Phase II]	Report Monthly Average	Report Daily Maximum	pounds per day	******	Report Monthly Average	Report Daily Maximum	mg/L	Twice per Month	24-hr Composite	Jan-Dec
Thallium (Total Recoverable) Effluent [Phase I, Phase II]	Report Monthly Average	Report Daily Maximum	pounds per day	******	Report Monthly Average	Report Daily Maximum	mg/L	Twice per Month	24-hr Composite	Jan-Dec
Ammonia Nitrogen, Total (as N) Effluent [Phase II]	1601 Monthly Average	2875 Daily Maximum	pounds per day	******	48.0 Monthly Average	86.2 Daily Maximum	mg/L	3 Times per Week	24-hr Composite	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 003 (Combined discharges from internal outfalls 001 and 002)**

RPNT0000000012: MS0003115-003

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
Copper (Total Recoverable) Effluent [Phase II]	2.60 Monthly Average	4.04 Daily Maximum	pounds per day	******	0.078 Monthly Average	0.121 Daily Maximum	mg/L	3 Times per Week	24-hr Composite	Jan-Dec
Lead (Total Recoverable) Effluent [Phase II]	6.81 Monthly Average	Report Daily Maximum	pounds per day	******	0.204 Monthly Average	Report Daily Maximum	mg/L	3 Times per Week	24-hr Composite	Jan-Dec
Nickel (Total Rec overable) Effluent [Phase II]	6.978 Monthly Average	63.1 Daily Maximum	pounds per day	******	0.209 Monthly Average	1.89 Daily Maximum	mg/L	3 Times per Week	24-hr Composite	Jan-Dec
Temperature (Deg. F) Effluent [Phase II]	******	******	******	******	******	Report Daily Maximum	degrees F	Continuously	Continuous Recorder	Jan-Dec
Temperature Difference Be tween Up/Down Stream (Deg . F) Effluent [Phase II]	******	******	******	******	******	Report Monthly Maximum	degrees F	Twice per Month	Check Requirements	Jan-Dec
Zinc (Total Recoverable) Effluent [Phase II]	Report Monthly Average	75.7 Daily Maximum	pounds per day	******	Report Monthly Average	2.27 Daily Maximum	mg/L	3 Times per Week	24-hr Composite	Jan-Dec
% Effect Static Renewal 7-Day Chronic Menidia Effluent [Phase I]	******	******	******	35.86 Minimum	******	******	%	Semiannually	Check Requirements	Jan-Dec
% Effect Static Renewal 7-Day Chronic MYSID. Ba hia Effluent [Phase I]	******	******	******	24.94 Minimum	******	******	%	Semiannually	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 003 (Combined discharges from internal outfalls 001 and 002)**

RPNT0000000012: **MS0003115-003**

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
% Effect Static Renewal 7-Day Chronic Menidia Effluent [Phase II]	******	******	******	1.1 Minimum	******	******	%	Quarterly	Check Requirements	Jan-Dec
% Effect Static Renewal 7-Day Chronic MYSID. Bahia Effluent [Phase II]	******	******	******	1.1 Minimum	******	******	%	Quarterly	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 103 (Former Outfall 003 that is used to discharge overflow from Internal Outfall 001)**

RPNT0000000032: **MS0003115-103**

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
Ammonia Nitrogen, Total (as N) First 30 Minutes (Grab)	******	******	******	******	Report Monthly Average	Report Daily Maximum	mg/L	Once per Discharge Event	Grab Sampling	Jan-Dec
Ammonia Nitrogen, Total (as N) Flow-weighted (Composite)	******	******	******	******	Report Monthly Average	Report Daily Maximum	mg/L	Once per Discharge Event	3-hr Composite	Jan-Dec
Flow Effluent	******	Report Daily Maximum	Million Gallons per Day	******	******	******	******	Once per Discharge Event	Flow Indicator	Jan-Dec
Fluoride (Total) First 30 Minutes (Grab)	******	******	******	******	25 Monthly Average	75 Daily Maximum	mg/L	Once per Discharge Event	Grab Sampling	Jan-Dec
Fluoride (Total) Flow-weighted (Composite)	******	******	******	******	25 Monthly Average	75 Daily Maximum	mg/L	Once per Discharge Event	3-hr Composite	Jan-Dec
pH First 30 Minutes (Grab)	******	******	******	6.0 Minimum	******	9.0 Maximum	SU	Once per Discharge Event	Grab Sampling	Jan-Dec
Phosphorus (Total) First 30 Minutes (Grab)	******	******	******	******	35 Monthly Average	105 Daily Maximum	mg/L	Once per Discharge Event	Grab Sampling	Jan-Dec
Phosphorus (Total) Flow-weighted (Composite)	******	******	******	******	35 Monthly Average	105 Daily Maximum	mg/L	Once per Discharge Event	3-hr Composite	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 004 (Storm water runoff from non-process area, shops, offices, roads, railroads, and lawns)**

RPNT0000000013: **MS0003115-004**

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
Ammonia Nitrogen, Total (as N) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Ammonia Nitrogen, Total (as N) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Flow Effluent	Report Monthly Average	Report Daily Maximum	Million Gallons per Day	******	******	******	******	Quarterly	Instantaneous Sampling	Jan-Dec
Fluoride (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Fluoride (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
pH First 30 Minutes (Grab)	******	******	******	6.0 Minimum	******	9.0 Maximum	SU	Quarterly	Grab Sampling	Jan-Dec
Phosphorus (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Phosphorus (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 004 (Storm water runoff from non-process area, shops, offices, roads, railroads, and lawns)**

RPNT0000000013: **MS0003115-004**

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
Solids (Total Suspended) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	**mg/L**	Quarterly	Check Requirements	Jan-Dec
Solids (Total Suspended) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	**mg/L**	Quarterly	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 005 (Non-contaminated Storm Water Runoff from the east Gypsum Storage Pile Perimeter (i.e., runoff from outside the active gypsum stack outer containment dike))**

RPNT0000000014: MS0003115-005

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
Ammonia Nitrogen, Total (as N) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Ammonia Nitrogen, Total (as N) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Flow Effluent	Report Annual Average	Report Annual Maximum	Million Gallons per Day	******	******	******	******	Quarterly	Instantaneous Sampling	Jan-Dec
Fluoride (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Fluoride (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
pH First 30 Minutes (Grab)	******	******	******	6.0 Minimum	******	9.0 Maximum	SU	Quarterly	Grab Sampling	Jan-Dec
Phosphorus (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 005 (Non-contaminated Storm Water Runoff from the east Gypsum Storage Pile Perimeter (i.e., runoff from outside the active gypsum stack outer containment dike))**

RPNT0000000014: MS0003115-005

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
Phosphorus (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Solids (Total Suspended) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Solids (Total Suspended) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 006B1 (Storm Water Runoff from the bottom storm water ditch level on the southwest side of the Closed West Gypsum Storage Pile)**

RPNT0000000016: MS0003115-006B1

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
Ammonia Nitrogen, Total (as N) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Ammonia Nitrogen, Total (as N) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Flow Effluent	Report Annual Average	Report Annual Maximum	Million Gallons per Day	******	******	******	******	Quarterly	Instantaneous Sampling	Jan-Dec
Fluoride (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Fluoride (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
pH First 30 Minutes (Grab)	******	******	******	6.0 Minimum	******	9.0 Maximum	SU	Quarterly	Grab Sampling	Jan-Dec
Phosphorus (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 006B1 (Storm Water Runoff from the bottom storm water ditch level on the southwest side of the Closed West Gypsum Storage Pile)**

RPNT0000000016: MS0003115-006B1

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
Phosphorus (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Solids (Total Suspended) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Solids (Total Suspended) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 006B2 (Internal Outfall for "Capped Gypsum Stack Runoff" from the bottom storm water ditch level on the south side of the Closed West Gypsum Storage Pile. This outfall internally discharges into Outfall 001)**

RPNT0000000031: MS0003115-006B2

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
Ammonia Nitrogen, Total (as N) First 30 Minutes (Grab)	******	******	******	******	Report Quarterly Average	Report Quarterly Maximum	mg/L	Monthly	Check Requirements	Jan-Dec
Ammonia Nitrogen, Total (as N) Flow-weighted (Composite)	******	******	******	******	Report Quarterly Average	Report Quarterly Maximum	mg/L	Monthly	Check Requirements	Jan-Dec
Flow Effluent	Report Quarterly Average	Report Quarterly Maximum	Million Gallons per Day	******	******	******	******	Monthly	Instantaneous Sampling	Jan-Dec
Fluoride (Total) First 30 Minutes (Grab)	******	******	******	******	Report Quarterly Average	Report Quarterly Maximum	mg/L	Monthly	Check Requirements	Jan-Dec
Fluoride (Total) Flow-weighted (Composite)	******	******	******	******	Report Quarterly Average	Report Quarterly Maximum	mg/L	Monthly	Check Requirements	Jan-Dec
pH First 30 Minutes (Grab)	******	******	******	6.0 Minimum	******	9.0 Maximum	SU	Monthly	Check Requirements	Jan-Dec
Phosphorus (Total) First 30 Minutes (Grab)	******	******	******	******	Report Quarterly Average	Report Quarterly Maximum	mg/L	Monthly	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 006B2 (Internal Outfall for "Capped Gypsum Stack Runoff" from the bottom storm water ditch level on the south side of the Closed West Gypsum Storage Pile. This outfall internally discharges into Outfall 001)**

RPNT0000000031: MS0003115-006B2

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
Phosphorus (Total) Flow-weighted (Composite)	******	******	******	******	Report Quarterly Average	Report Quarterly Maximum	mg/L	Monthly	Check Requirements	Jan-Dec
Solids (Total Suspended) First 30 Minutes (Grab)	******	******	******	******	Report Quarterly Average	Report Quarterly Maximum	mg/L	Monthly	Check Requirements	Jan-Dec
Solids (Total Suspended) Flow-weighted (Composite)	******	******	******	******	Report Quarterly Average	Report Quarterly Maximum	mg/L	Monthly	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 007T1 (Storm Water Runoff from the top level on the west side of the Closed West Gypsum Storage Pile)**

RPNT0000000017: **MS0003115-007T1**

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
Ammonia Nitrogen, Total (as N) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Annually	Check Requirements	Jan-Dec
Ammonia Nitrogen, Total (as N) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Annually	Check Requirements	Jan-Dec
Flow Effluent	Report Annual Average	Report Annual Maximum	Million Gallons per Day	******	******	******	******	Annually	Instantaneous Sampling	Jan-Dec
Fluoride (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Annually	Check Requirements	Jan-Dec
Fluoride (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Annually	Check Requirements	Jan-Dec
pH First 30 Minutes (Grab)	******	******	******	6.0 Minimum	******	9.0 Maximum	SU	Annually	Grab Sampling	Jan-Dec
Phosphorus (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Annually	Check Requirements	Jan-Dec
Phosphorus (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Annually	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 007T1 (Storm Water Runoff from the top level on the west side of the Closed West Gypsum Storage Pile)**

RPNT0000000017: **MS0003115-007T1**

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
Solids (Total Suspended) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	**mg/L**	Annually	Check Requirements	Jan-Dec
Solids (Total Suspended) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	**mg/L**	Annually	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 007T2 (Storm Water Runoff from the top level on the west side of the Closed West Gypsum Storage Pile)**

RPNT0000000028: **MS0003115-007T2**

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
Ammonia Nitrogen, Total (as N) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Annually	Check Requirements	Jan-Dec
Ammonia Nitrogen, Total (as N) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Annually	Check Requirements	Jan-Dec
Flow Effluent	Report Annual Average	Report Annual Maximum	Million Gallons per Day	******	******	******	******	Annually	Instantaneous Sampling	Jan-Dec
Fluoride (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Annually	Check Requirements	Jan-Dec
Fluoride (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Annually	Check Requirements	Jan-Dec
pH First 30 Minutes (Grab)	******	******	******	6.0 Minimum	******	9.0 Maximum	SU	Annually	Grab Sampling	Jan-Dec
Phosphorus (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Annually	Check Requirements	Jan-Dec
Phosphorus (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Annually	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 007T2 (Storm Water Runoff from the top level on the west side of the Closed West Gypsum Storage Pile)**

RPNT0000000028: **MS0003115-007T2**

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
Solids (Total Suspended) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	**mg/L**	Annually	Check Requirements	Jan-Dec
Solids (Total Suspended) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	**mg/L**	Annually	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 007I (Storm Water Runoff from the Infill Bench Areas on the west side of the Closed West Gypsum Storage Pile)**

RPNT0000000018: MS0003115-007I

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
Ammonia Nitrogen, Total (as N) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Ammonia Nitrogen, Total (as N) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Flow Effluent	Report Annual Average	Report Annual Maximum	Million Gallons per Day	******	******	******	******	Once Every 6 Months	Instantaneous Sampling	Jan-Dec
Fluoride (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Fluoride (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
pH First 30 Minutes (Grab)	******	******	******	6.0 Minimum	******	9.0 Maximum	SU	Once Every 6 Months	Grab Sampling	Jan-Dec
Phosphorus (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 007I (Storm Water Runoff from the Infill Bench Areas on the west side of the Closed West Gypsum Storage Pile)**

RPNT0000000018: **MS0003115-007I**

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
Phosphorus (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Solids (Total Suspended) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Solids (Total Suspended) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 007B (Storm Water Runoff from the bottom storm water ditch level on the west side of the Closed West Gypsum Storage Pile)**

RPNT0000000019: MS0003115-007B

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
Ammonia Nitrogen, Total (as N) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Ammonia Nitrogen, Total (as N) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Flow Effluent	Report Annual Average	Report Annual Maximum	Million Gallons per Day	******	******	******	******	Quarterly	Instantaneous Sampling	Jan-Dec
Fluoride (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Fluoride (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
pH First 30 Minutes (Grab)	******	******	******	6.0 Minimum	******	9.0 Maximum	SU	Quarterly	Grab Sampling	Jan-Dec
Phosphorus (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 007B (Storm Water Runoff from the bottom storm water ditch level on the west side of the Closed West Gypsum Storage Pile)**

RPNT0000000019: MS0003115-007B

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
Phosphorus (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Solids (Total Suspended) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Solids (Total Suspended) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 007S (Storm Water Runoff from the Surge Cooling Ditch Level on the west side of the Closed West Gypsum Storage Pile)**

RPNT0000000029: MS0003115-007S

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
Ammonia Nitrogen, Total (as N) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Ammonia Nitrogen, Total (as N) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Flow Effluent	Report Annual Average	Report Annual Maximum	Million Gallons per Day	******	******	******	******	Once Every 6 Months	Instantaneous Sampling	Jan-Dec
Fluoride (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Fluoride (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
pH First 30 Minutes (Grab)	******	******	******	6.0 Minimum	******	9.0 Maximum	SU	Once Every 6 Months	Grab Sampling	Jan-Dec
Phosphorus (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 007S (Storm Water Runoff from the Surge Cooling Ditch Level on the west side of the Closed West Gypsum Storage Pile)**

RPNT0000000029: MS0003115-007S

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
Phosphorus (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Solids (Total Suspended) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Solids (Total Suspended) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 008B (Storm Water Runoff from the bottom storm water ditch level on the northwest side of the Closed West Gypsum Storage Pile)**

RPNT0000000020: MS0003115-008B

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
Ammonia Nitrogen, Total (as N) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Ammonia Nitrogen, Total (as N) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Flow Effluent	Report Annual Average	Report Annual Maximum	Million Gallons per Day	******	******	******	******	Quarterly	Instantaneous Sampling	Jan-Dec
Fluoride (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Fluoride (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
pH First 30 Minutes (Grab)	******	******	******	6.0 Minimum	******	9.0 Maximum	SU	Quarterly	Grab Sampling	Jan-Dec
Phosphorus (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 008B (Storm Water Runoff from the bottom storm water ditch level on the northwest side of the Closed West Gypsum Storage Pile)**

RPNT0000000020: MS0003115-008B

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
Phosphorus (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Solids (Total Suspended) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Solids (Total Suspended) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 008T (Storm Water Runoff from the top level on the northwest side of the Closed West Gypsum Storage Pile)**

RPNT0000000021: **MS0003115-008T**

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
Ammonia Nitrogen, Total (as N) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Annually	Check Requirements	Jan-Dec
Ammonia Nitrogen, Total (as N) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Annually	Check Requirements	Jan-Dec
Flow Effluent	Report Annual Average	Report Annual Maximum	Million Gallons per Day	******	******	******	******	Annually	Instantaneous Sampling	Jan-Dec
Fluoride (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Annually	Check Requirements	Jan-Dec
Fluoride (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Annually	Check Requirements	Jan-Dec
pH First 30 Minutes (Grab)	******	******	******	6.0 Minimum	******	9.0 Maximum	SU	Annually	Grab Sampling	Jan-Dec
Phosphorus (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Annually	Check Requirements	Jan-Dec
Phosphorus (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Annually	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 008T (Storm Water Runoff from the top level on the northwest side of the Closed West Gypsum Storage Pile)**

RPNT0000000021: **MS0003115-008T**

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
Solids (Total Suspended) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	**mg/L**	Annually	Check Requirements	Jan-Dec
Solids (Total Suspended) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	**mg/L**	Annually	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 008I1 (Storm Water Runoff from the Infill Bench Areas on the northwest side of the Closed West Gypsum Storage Pile)**

RPNT0000000022: **MS0003115-008I1**

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
Ammonia Nitrogen, Total (as N) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Ammonia Nitrogen, Total (as N) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Flow Effluent	Report Annual Average	Report Annual Maximum	Million Gallons per Day	******	******	******	******	Once Every 6 Months	Instantaneous Sampling	Jan-Dec
Fluoride (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Fluoride (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
pH First 30 Minutes (Grab)	******	******	******	6.0 Minimum	******	9.0 Maximum	SU	Once Every 6 Months	Grab Sampling	Jan-Dec
Phosphorus (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 008I1 (Storm Water Runoff from the Infill Bench Areas on the northwest side of the Closed West Gypsum Storage Pile)**

RPNT0000000022: **MS0003115-008I1**

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
Phosphorus (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Solids (Total Suspended) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Solids (Total Suspended) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 008I2 (Storm Water Runoff from the Infill Bench Areas on the northwest side of the Closed West Gypsum Storage Pile)**

RPNT0000000030: MS0003115-008I2

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
Ammonia Nitrogen, Total (as N) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Ammonia Nitrogen, Total (as N) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Flow Effluent	Report Annual Average	Report Annual Maximum	Million Gallons per Day	******	******	******	******	Once Every 6 Months	Instantaneous Sampling	Jan-Dec
Fluoride (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Fluoride (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
pH First 30 Minutes (Grab)	******	******	******	6.0 Minimum	******	9.0 Maximum	SU	Once Every 6 Months	Grab Sampling	Jan-Dec
Phosphorus (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 008I2 (Storm Water Runoff from the Infill Bench Areas on the northwest side of the Closed West Gypsum Storage Pile)**

RPNT0000000030: **MS0003115-008I2**

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
Phosphorus (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Solids (Total Suspended) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Solids (Total Suspended) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 008S (Storm Water Runoff from the Surge Cooling Ditch Level on the northwest side of the Closed West Gypsum Storage Pile)**

RPNT0000000023: MS0003115-008S

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
Ammonia Nitrogen, Total (as N) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Ammonia Nitrogen, Total (as N) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Flow Effluent	Report Annual Average	Report Annual Maximum	Million Gallons per Day	******	******	******	******	Once Every 6 Months	Instantaneous Sampling	Jan-Dec
Fluoride (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Fluoride (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
pH First 30 Minutes (Grab)	******	******	******	6.0 Minimum	******	9.0 Maximum	SU	Once Every 6 Months	Grab Sampling	Jan-Dec
Phosphorus (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 008S (Storm Water Runoff from the Surge Cooling Ditch Level on the northwest side of the Closed West Gypsum Storage Pile)**

RPNT0000000023: MS0003115-008S

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
Phosphorus (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Solids (Total Suspended) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Solids (Total Suspended) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 009S (Storm Water Runoff from the Surge Cooling Ditch Level on the northeast side of the Closed West Gypsum Storage Pile)**

RPNT0000000024: MS0003115-009S

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
Ammonia Nitrogen, Total (as N) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Ammonia Nitrogen, Total (as N) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Flow Effluent	Report Annual Average	Report Annual Maximum	Million Gallons per Day	******	******	******	******	Once Every 6 Months	Instantaneous Sampling	Jan-Dec
Fluoride (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Fluoride (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
pH First 30 Minutes (Grab)	******	******	******	6.0 Minimum	******	9.0 Maximum	SU	Once Every 6 Months	Grab Sampling	Jan-Dec
Phosphorus (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 009S (Storm Water Runoff from the Surge Cooling Ditch Level on the northeast side of the Closed West Gypsum Storage Pile)**

RPNT0000000024: MS0003115-009S

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
Phosphorus (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Solids (Total Suspended) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec
Solids (Total Suspended) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Once Every 6 Months	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 009B (Storm Water Runoff from the bottom storm water ditch level on the northeast side of the Closed West Gypsum Storage Pile)**

RPNT0000000026: MS0003115-009B

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
Ammonia Nitrogen, Total (as N) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Ammonia Nitrogen, Total (as N) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Flow Effluent	Report Annual Average	Report Annual Maximum	Million Gallons per Day	******	******	******	******	Quarterly	Instantaneous Sampling	Jan-Dec
Fluoride (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Fluoride (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
pH First 30 Minutes (Grab)	******	******	******	6.0 Minimum	******	9.0 Maximum	SU	Quarterly	Grab Sampling	Jan-Dec
Phosphorus (Total) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Subject Item: **Outfall 009B (Storm Water Runoff from the bottom storm water ditch level on the northeast side of the Closed West Gypsum Storage Pile)**

RPNT0000000026: MS0003115-009B

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
Phosphorus (Total) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Solids (Total Suspended) First 30 Minutes (Grab)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec
Solids (Total Suspended) Flow-weighted (Composite)	******	******	******	******	Report Annual Average	Report Annual Maximum	mg/L	Quarterly	Check Requirements	Jan-Dec

AI0000002068:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1	pH	pH: For Outfall 003 at which pH is continuously monitored, the permittee shall maintain the pH of discharge wastewater within the range of 6.0-9.0 standard units, except excursions from the range that are permitted subject to the following limitations: (1) The total time during which the pH values are outside the required range of pH values shall not exceed 7 hours and 26 minutes in any calendar month; and (2) No individual excursion from the range of pH values shall exceed 60 minutes. [40 CFR 401.17]
L-2		There shall be no discharge of floating solids or visible foam in other than trace amounts. [WPC-2 Section II.2]
L-3		The discharges shall not cause the occurrence of a visible sheen on the surface of the receiving waters. [WPC-2 Section II.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. [WPC-1 Chapter One Section IV.A(28)]
L-5		There shall be no discharge of process wastewater from the production of mixed and blended fertilizer. [40 CFR Part 418]
L-6		There shall be no discharge of process wastewater from the manufacture of sulfuric acid. [40 CFR Part 418]
L-7		Subject to the provision of condition L-8 of this permit, the following limitations establish the quantity or quality of pollutants or pollutant properties, controlled by 40 CFR 418, Subpart A, which may be discharged by the permittee after application of the best available technology economically achievable: There shall be no discharge of process wastewater pollutants to navigable waters. [40 CFR 418.13(a)]
L-8		Process wastewater pollutants from the calcium sulfate storage pile runoff facility, which must be designed, constructed and operated to maintain a surge capacity equal to the runoff from the 25-year, 24-hour rainfall event (10.2 inches), may be discharged, after treatment to the standards set forth in the effluent limitations and monitoring requirements under Outfall 002 (MS0003115-002) of this permit, whenever chronic or catastrophic precipitation events cause the water level to rise into the surge capacity. Process wastewater must be treated and discharged whenever the water level equals or exceeds the midpoint of the surge capacity. [40 CFR 418.13]

AI0000002068 (continued):

Limitation Requirements:

Condition No.	Parameter	Condition
L-9		The Permittee shall be required to keep discharge channels free of debris and obstructions so that samples and measurements taken for the purpose of monitoring are representative of the monitoring activity. [40 CFR 122.41(j)(1)]
L-10		No later than ninety (90) days after the date of permit issuance, the Permittee shall submit for approval the design, workplan, and schedule for increasing by three (3) feet the height of the dike around the outside of the water return ditch which encompasses the East (active) gypsum stack. Following approval of the project plans by MDEQ, and upon completion of the project, the permittee shall maintain five (5) feet of freeboard in the water return ditch. The term "freeboard" is defined as the vertical distance between the lowest point in the crest of the water return ditch dike, and the maximum elevation of water in the ditch. The water storage volume within the five (5) feet of freeboard in the water return ditch shall not be considered as available surge capacity for purposes of calculation of the available surge capacity as required by this permit. The Permittee may use the freeboard volume for temporary, emergency storage of water when such use is necessary to prevent the release of untreated process water. Such use of the freeboard shall only be allowed when a third-party engineer has approved such use, and when documentation demonstrating the continued safety and stability of the dike is submitted to MDEQ as soon as practical, but no later than five (5) days of each occurrence. The MDEQ shall be notified immediately when the Permittee becomes aware that the water level either has or is expected to enter the freeboard zone. In the event of temporary use of the emergency storage area (i.e. freeboard volume), Permittee shall increase the inspection frequency of the outer dike area to a minimum of once per every eight (8) hours until the water levels return below the emergency five (5) feet. MDEQ shall be notified immediately in the event of breach of a gypsum pond atop the East gypsum stack. The Permittee shall have a third party engineer inspect the entire gypsum disposal area to demonstrate the continued safety and stability of the system. The third party engineer shall provide a detailed report to Permittee and MDEQ of the condition of the entire gypsum storage area within 72 hours of a breach event. [Other]

AI0000002068 (continued):

Limitation Requirements:

Condition No.	Parameter	Condition
L-11		The permittee shall be authorized to install a submerged multi-port diffuser (3 ports) that will be 40-feet long (6-inch diameter pipe) for Outfall 003 in the upper turning basin of the Bayou Casotte in accordance with the Certificate No. DMR-070123 issued by Department of Marine Resources (DMR). The diffuser shall be installed with the following specifications: a. Ports oriented perpendicular to the diffuser line on top of risers; b. Ports shall be spaced at 20 feet; c. Ports shall be 6.5 inch in diameter; d. Ports shall be located approximately 2 feet above the bottom (38 feet below the mean lower low water (WLLW); e. Main diffuser line will be located parallel to the northern shorline; f. Ports oriented at a 0º angle (horizontal); and g. signage or buoys shall be located above the diffuser to indicate its location. ALLOWABLE MIXING ZONE SIZE FOR OUTFALL 003 (UPON INSTALLING AUTHORIZED MULTI-PORT DIFFUSER) ---------- CHRONIC MIXING ZONE The mixing zone will be approximately 900 feet (275 meters) on each side measured from the center of the diffuser discharge point. The mixing zone extends from the bayou bottom bed to the top of the water surface. The concentration of pollutants at the edge of the chronic zone must meet chronic aquatic life criteria. The dilution available to the effluent discharge will be 1 to 94 along the chronic mxing zone boundary. ACUTE MIXING ZONE The acute zone will be approximately 33 feet (10 meters) on each side measured from the center of diffuser discharge point. The mixing zone extends from the bayou bottom bed to the top of the water surface. The concentration of pollutants at the edge of the acute zone must meet acute aquatic life criteria. The dilution available to the effluent discharge will be 1 to 25.2 along the acute or inital mixing zone (ZID). [WPC-1 Chapter One]

AI0000002068 (continued):

Limitation Requirements:

Condition No.	Parameter	Condition
L-12		The Permittee shall inspect, once per permit cycle, the submerged portion of the outfall line and diffuser to document its integrity and continued function. Within 90 days of evaluating the outfall, but no later than the application due date for permit reissuance, an inspection report shall be submitted to the Department documenting the results of this evaluation. If conditions allow for a photographic verification of diffuser integrity, such shall be included in the report. [Compliance Use]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		Chronic Whole Effluent Toxicity Monitoring Requirements The Water Quality Standards of Mississippi require that all waters shall be free from substances attributable to municipal, industrial, agricultural, or other discharges in concentrations or combinations which are harmful to human, animals, or aquatic life (State of Mississippi, Water Quality Criteria for intrastate and Coastal Waters, Section II.4., Minimum Conditions Applicable to All Waters, current edition). In accordance with such requirements, the permittee is authorized to discharge from outfall 003 (MS0003115 003) only in accordance with the following conditions: (1) The permittee shall submit any existing toxicity data for review by the Mississippi Office of Pollution Control within 30 days of the effective date of this permit. (2) The permittee shall perform 7-day chronic, static renewal, definitive (a control and five effluent concentrations) WET tests in accordance with Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Marine and Estuarine Organisms, (EPA/600/4-87/028) or the most recent edition*. [WPC-1 Chapter Two Section VI]

AI0000002068 (continued):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-2		Chronic Whole Effluent Toxicity Monitoring Requirements- continued (2)(i) Dilution water used for these tests shall consist of reagent grade water, defined as distilled or deionized water that does not contain substances which are toxic to the test organisms. For estuarine testing, dilution water shall consist of synthetic seawater or hypersaline brine combined to achieve a salinity of 20 parts per thousand according to Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Marine and Estuarine Organisms (EPA/600/4-87/028) or most recent edition. These dilution waters will be deemed acceptable if the control organisms in the toxicity tests meet the minimum EPA criteria for chronic tests. [WPC-1 Chapter Two Section VI]
M-3		Chronic Whole Effluent Toxicity Monitoring Requirements- continued (2)(iii) If the Mississippi Office of Pollution Control determines that the receiving water is estuarine, the permittee shall conduct a Menidia beryllina Larval survival and Growth Test and a Mysidopsis bahia Survival, Growth, and Fecundity Test on serial dilutions of effluent to determine if the discharge from outfall 003 (MS0003115 003) is chronically toxic. Since the discharge at Outfall 003 is primarily controlled by the quality of the wastewater collected and originated from the calcium sulfate storage pile (gypstack) runoff, these tests should be conducted when such waters from Outfall 002 is discharging via Outfall 003 into the Bayou Casotte. Such testing will determine if the water affects the survival, growth, and fecundity of the test organisms. Static renewal tests will be conducted on three 24-hour composite samples of the effluent. The first of these composite samples will be used to set up the tests and for the day 1 and day 2 renewals, the second of these composite samples will be used to renew the tests on days 3 and 4, and the third composite sample will be used to renew the tests on days 5 and 6. Since the discharge from Outfall 002 via Outfall 003 should be an exceptionally rare event and would hopefully only last for a few days at a time, sample collection may not be possible for six days in a row; however, when water collection is not possible for six days in a row, that previous days can be used for continuing chronic testing. Not more than 36 hours will elapse between sampling and the first use of any of the composite samples. The chronic test(s) shall be considered valid only if the acceptability criteria referenced in Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Marine and Estuarine Organisms, (EPA/600/4-87/028) or most recent edition* are met. All test data shall be statistically analyzed according to the referenced manual. [WPC-1 Chapter Two Section VI]

AI0000002068 (continued):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-4		Chronic Whole Effluent Toxicity Monitoring Requirements- continued (2)(iv) A standard reference toxicant quality assurance test (chronic) shall be conducted concurrently with the effluent tests using both species used in the toxicity tests. Alternatively, if a lab conducts monthly QA/QC reference toxicant tests with both species as part of their SOP, these results may be submitted in lieu of the above mentioned concurrent tests results. In either case, the reference toxicant test results must be submitted with the final report as well as on the Mississippi Office of Pollution Control NPDES Whole Effluent Toxicity Testing Report Form. [WPC-1 Chapter Two Section VI]
M-5		Chronic Whole Effluent Toxicity Monitoring Requirements- continued (3) These chronic toxicity tests shall be initiated within 180 days of the date of issuance of the permit to evaluate wastewater toxicity. The first three (3) years of phase I following the effective date of the permit, such chronic toxicity tests shall be conducted once every six months and results from these tests shall be required to report on the discharge monitoring report that due semiannually during this period. During first three (3) years period, the permittee shall be required to achieve completion with their project of relocation of outfalls (001-003) from an exisiting to their new proposed location down in the upper turning basin of the Bayou Cassotte and with installing necessary multi-port diffuser for achieving greater dilution for their effluent wastewater. Upon completion of this three (3) year period, Phase II monitoring requirement for chronic WET testing begins; Phase I requirements will cease when Phase II begins. Now that the permittee has completed the site-specific mixing zone study, the Phase II WET limits in the Permit have been re-evaluated based on this study and accordingly, the newly assessed WET limit (IC25) upon relocating outfall 003 down in the upper turning basin of the Bayou Casotte will be 1.1%. During the first year following the effective date of the Phase II of this permit, these tests shall be conducted quarterly. Thereafter, the frequency of monitoring may be reduced to once per every six months for the life of the permit , provided the IC25 is greater than or equal to the 1.1%. Sampling shall be timed to cover the season extremes of the year (hot-dry and cold-wet). [WPC-1 Chapter Two Section VI]

AI0000002068 (continued):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-6		Chronic Whole Effluent Toxicity Monitoring Requirements- continued (4) If any one chronic toxicity test indicates the IC25 is less than the 1.1%, the provisions in Condition "M-8" below shall apply, and the permittee shall conduct another chronic toxicity test(s) with the organism(s) that failed. this follow-up test must be completed within 30 days following completion of the failed test. Final chronic toxicity test results shall be in report form as outlined in Methods for Measuring the Acute Toxicity of Effluents to freshwater and Marine Organisms, Fourth Edition, (EPA-600/4-90/027) or most recent edition. The permittee must also submit a completed Mississippi office of Pollution Control NPDES Whole Effluent Toxicity Testing Report Form. [WPC-1 Chapter Two Section VI]
M-7		Chronic Whole Effluent Toxicity Monitoring Requirements- continued (5) In the event the permittee passes the additional WET test, the permittee shall resume testing in accordance with the testing schedule set forth in the permit. In the event the permittee failed the second WET test, the permittee shall submit a Toxicity Reduction Evaluation Plan (TREP) within 45 days following completion of the follow-up test in order to reduce the toxcity of the effluent to safe* levels**. The first phase of the TREP will include increased monitoring to characterize the toxicity of the effluent. * Safe levels will be determined by WPC-2. ** In large rivers, lakes, and estuaries the permittee must provide a schematic map showing isopleths of waste concentrations. [WPC-1 Chapter Two Section VI]
M-8		Chronic Whole Effluent Toxicity Monitoring Requirements- continued (6) If the IC25 of any test is less than the 1.1% then the effluent will be considered unacceptably chronically toxic, and this will constitute a violation of Part I of this permit. [WPC-1 Chapter Two SEction VI]
M-9		Chronic Whole Effluent Toxicity Monitoring Requirements- continued (7) In addition to the specific conditions of this permit, the permittee shall comply with all applicable conditions of 40 CFR 122.7 and 40 CFR 122.61 (06-03-93). [WPC-1 Chapter Two Section VI]

AI0000002068 (continued):

Record-Keeping Requirements:

Condition No.	Condition
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. [WPC-1 Chapter One Section IV.A(29)a]

Submittal/Action Requirements:

Condition No.	Condition
S-1	Reporting Monitoring results obtained during the previous reporting period shall be summarized and reported on a Discharge Monitoring Report Form (EPA No. 3320-1) POSTMARKED NO LATER THAN THE 28TH DAY OF THE MONTH FOLLOWING THE COMPLETED REPORTING PERIOD. Copies of these, and all other reports required herein, shall be signed in accordance with Chapter One Sections II.C. and II.E. of the Mississippi Wastewater Permit Regulations, and shall be submitted to the Mississippi Environmental Quality Permit Board at the following address: Mississippi Department of Environmental Quality Office of Pollution Control P.O. Box 2261 Jackson, Mississippi 39225. [WPC-1 Chapter One Section IV.A(15)c(1)]

AI0000002068 (continued):

Submittal/Action Requirements:

Condition No.	Condition
S-2	Reporting Requirements - Planned Changes 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: (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; [WPC-1 Chapter One Section IV.A(15)a]
S-3	Reporting Requirements - Anticipated Noncompliance 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. [WPC-1 Chapter One Section IV.A(15)b]
S-4	Noncompliance Notification - Twenty-Four Hour Reporting (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. (2) The following shall be included as information which must be reported within 24 hours under this paragraph. (i) Any unanticipated bypass which exceeds any effluent limitation in the permit; and (ii) Any upset which exceeds any effluent limitation in the permit. [WPC-1 Chapter One Section IV.A(29)e]

AI0000002068 (continued):

Submittal/Action Requirements:

Condition No.	Condition
S-5	Noncompliance Notification - Other Noncompliance 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. [WPC-1 Chapter One Section IV.A(29)f]
S-6	Noncompliance Notification - Other Information Where the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in a permit application or in any report to the Permit Board, it shall promptly submit such facts or information. [WPC-1 Chapter One Section IV.A(29)g]
S-7	Expiration of Permit 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. [WPC-1 Chapter One Section V.B(1)]

AI0000002068 (continued):

Submittal/Action Requirements:

Condition No.	Condition
S-8	Requirements Regarding Cooling and Boiler Water Additives 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: (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. Written approval must be received from the permitting authority prior to initiating use. [WPC-1 Chapter One Section IV.A(14)]
S-9	The Permittee shall Submit engineering report: Due within three months after permit effective date. The report shall consist of work plans and specifications for the Permittee coming into compliance with the requirement of an appropriately conducting new mixing zone study within one (1) year as referenced in condition T-66 of this permit. [Compliance Use]
S-10	The permittee shall Submit compliance status report: Due semiannually, by the 31st of January and July for preceding six months. The Permittee shall submit semi-annual status report detailing the progression of compliance with the Phase II limitations, including progression toward completion of interim milestones. [WPC-1 Chapter One]

AI0000002068 (continued):

Narrative Requirements:

Definitions:

Condition No.	Condition
T-1	Definitions: General The permittee shall refer to WPC-1, Chapter 1, Section I.A for definitions of any permit term not specified in this permit. [WPC-1 Chapter One Section I.A]
T-2	Definitions: Monthly Average "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 fecal coliform bacteria is the geometric mean of "daily discharges" measured during the calendar month. In computing the geometric mean for fecal coliform bacteria, the value one (1) shall be substituted for sample results of zero. [WPC-1 Chapter One Section I.A(40)]
T-3	Definitions: Daily Discharge "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. [WPC-1 Chapter One Section I.A(14)]
T-4	Definitions: Minimum 'Minimum" means the lowest "pH value" recorded over a calender month. [Other]
T-5	Definitions: Maximum "Maximum" means the highest "pH value" recorded over a calendar month. [Other]
T-6	Definitions: Daily Maximum "Daily maximum" means the highest "daily discharge" over a calendar month. [WPC-1 Chapter One Section I.A(15)]

AI0000002068 (continued):

Narrative Requirements:

Definitions:

Condition No.	Condition
T-7	Definitions: Toxic Pollutants "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. [WPC-1 Chapter One Section I.A]
T-8	Definitions: Hazardous Substances "Hazardous substances" are defined in 40 CFR 116.4. [40 CFR 116.4]
T-9	Definitions: Quarterly Average "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 fecal coliform bacteria is the geometric mean of "daily discharges" measured during the quarter. In computing the geometric mean for fecal coliform bacteria, the value one (1) shall be substituted for sample results of zero. [WPC-1 Chapter One Section I.A(26)]
T-10	Definitions: Weekly Average "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 fecal coliform bacteria is the geometric mean of all "daily discharges" measured in a calendar week. In computing the geometric mean for fecal coliform 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. [WPC-1 Chapter One Section I.A(76)]
T-11	Definitions: Quarterly Maximum "Quarterly Maximum" means the highest "daily discharge" measured over a three-month period. [WPC-1 Chapter One Section I.A(57)]

AI0000002068 (continued):

Narrative Requirements:

Definitions:

Condition No.	Condition
T-12	Definitions: Yearly Average "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 fecal coliform bacteria is the geometric mean of "daily discharges" during the calendar year. In computing the geometric mean for fecal coliform bacteria, the value one (1) shall be substituted for sample results of zero. [WPC-1 Chapter One Section I.A(77)]
T-13	Definitions: Yearly Maximum "Yearly Maximum" means the highest "daily discharge" measured over a calendar year. [WPC-1 Chapter One Section I.A(78)]

Condition No.	Condition
T-14	The permittee shall achieve compliance with the effluent limitations specified for discharge in accordance with the following schedule: Upon issuance of this permit, the permittee shall achieve compliance with the effluent limitations specified for the parameters noted as Phase I and the ones not noted as phase-specific; Phase II limitations shall not apply at this time. Beginning upon completion and start-up of improvements needed to comply with Phase II limitations, but no later than June 1, 2013, the permittee shall achieve compliance with the effluent limitations specified for the parameters noted as Phase II and shall continue to comply with parameters not noted as phase-specific; Phase I limitations shall not apply once phase II limitations become effective. The permittee shall notify our office orally at least 24 hours prior to start-up and in writing no later than 48 hours after startup of the approved wastewater system modifications. [WPC-1 Chapter One Section IV.A(9)]
T-15	If the permittee fails or refuses to comply with either an interim or final date of compliance specified in this permit, Permittee may be deemed by the Commission to be in violation of the permit and may be subject to enforcement action in accordance with the State law and the wastewater regulations. [WPC-1 Chapter One Section IV.A.9(c)]

AI0000002068 (continued):

Narrative Requirements:

Condition No.	Condition
T-16	Within 14 days after either an interim or final date of compliance specified in a permit, the permittee shall provide the Environmental Compliance and Enforcement Division of MDEQ with written notice of compliance or non-compliance with the requirements or conditions specified to be completed by that date. Failure to submit such written notice shall be considered a violation of the compliance requirements of the permit and could be subject to enforcement action. [WPC-1 Chapter One Section IV.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. [WPC-1 Chapter One Section IV.A(28)e]
T-18	Reporting If the results for a given sample analysis are such that any parameter (other than fecal coliform) 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 fecal coliform, a value of 1.0 shall be used in calculating the geometric mean. If the resulting fecal coliform 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. [WPC-1 Chapter One Section II.G]
T-19	Reporting 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. [WPC-1 Chapter One Section IV.A(15)c(2)]
T-20	Reporting Calculations for all limitations which require averaging of measurements shall utilize an arithmetic mean unless otherwise specified by the Permit Board in the permit. [WPC-1 Chapter One Section IV.A(15)c(3)]

AI0000002068 (continued):

Narrative Requirements:

Condition No.	Condition
T-21	Test Procedures 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. [WPC-1 Chapter One Section IV.A(30)]
T-22	Records Retention 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. [WPC-1 Chapter One Section IV.A(29)a]
T-23	Falsifying Reports 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. [WPC-1 Chapter One Section IV.A(29)d]
T-24	Facility Expansion and/or Modification 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 Section II.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. [WPC-1 Chapter One Section IV.A(14)]
T-25	Duty to Comply 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. [WPC-1 Chapter One Section IV.A(2)]

AI0000002068 (continued):

Narrative Requirements:

Condition No.	Condition
T-26	Proper Operation, Maintenance and Replacement 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. Maintenance of treatment facilities that result in degradation of effluent quality shall be scheduled during non-critical times for water quality. 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. [WPC-1 Chapter One Section IV.A(18)]
T-27	Duty to Mitigate 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. [WPC-1 Chapter One Section IV.A(19)]
T-28	Bypassing The permittee shall comply with the terms and conditions regarding bypass found in 40 CFR 122.41(m). [40 CFR 122.41(m)]
T-29	Bypassing - Definitions "Bypass" means the intentional diversion of waste streams from any portion of a treatment facility. "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)]

AI0000002068 (continued):

Narrative Requirements:

Condition No.	Condition
T-30	Bypassing - Bypass not exceeding limitations The permittee may allow any bypass to occur which does not cause effluent limitations to be exceeded, but only if it also is for essential maintenance to assure efficient operation. These bypasses are not subject to the notice and prohibition provisions of the bypass requirements in this permit. [40 CFR 122.41(m)]
T-31	Bypassing -Notice 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. 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. [40 CFR 122.41(m)]
T-32	Bypassing- Prohibition of Bypass (1) Bypass is prohibited, and the Commission may take enforcement action against a permittee unless: (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. (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)]
T-33	Upsets The permittee shall meet the conditions of 40 CFR 122.41(n) regarding "Upsets" and as in the upset requirements of this permit. [WPC-1 Chapter One Section IV.A(27)]

AI0000002068 (continued):

Narrative Requirements:

Condition No.	Condition
T-34	Upsets- Definition "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology based permit effluent limitations because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation. [WPC-1 Chapter One Section IV.A(27)]
T-35	Upsets - Effect of an Upset 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. [WPC-1 Chapter One Section IV.A(27)]
T-36	Upsets - Conditions necessary for demonstration of upset A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that: (1) An upset occurred and that the permittee can identify the cause(s) of the upset; (2) The permitted facility was at the time being properly operated; (3) The permittee submitted notice of the upset as required in 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). [WPC-1 Chapter One Section IV.A(27)]
T-37	Upsets - Burden of proof In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof. [WPC-1 Chapter One Section IV.A(27)]

AI0000002068 (continued):

Narrative Requirements:

Condition No.	Condition
T-38	Removed Substances 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. [WPC-1 Chapter One Section IV.A(21)]
T-39	Power Failures If electric power is required, in order to maintain compliance with the conditions and prohibitions of the permit, the permittee shall either: (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. [WPC-1 Chapter One Section IV.A(22)]
T-40	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. [WPC-1 Chapter One Section IV.A(17)]
T-41	Transfer of Ownership or Control This permit is not transferable to any person without proper modification of this permit following procedures found in WPC-1, Chapter 1, Section V.C. [WPC-1 Chapter One Section V.C]
T-42	Signatory Requirements All applications, reports, or information submitted to the Permit Board shall be signed and certified. [WPC-1 Chapter One Section II.C]

AI0000002068 (continued):

Narrative Requirements:

Condition No.	Condition
T-43	Signatory Requirements - Application Signatures All permit applications shall be signed as follows: (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. (2) For a partnership or sole proprietorship: by a general partner or the proprietor, respectively; or (3) For a municipality, State, Federal, or other public agency: by either a principal executive officer or ranking elected official. [WPC-1 Chapter One Section II.C]
T-44	Signatory Requirements -Reports and Other Information 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: (1) The authorization is made in writing by a person described by the application signature requirements; (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 (3) The written authorization is submitted to the Permit Board. [WPC-1 Chapter One Section II.C]

AI0000002068 (continued):

Narrative Requirements:

Condition No.	Condition
T-45	Signatory Requirements - Changes to Authorization 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. [WPC-1 Chapter One Section II.C]
T-46	Signatory Requirements - Certification Any person signing a document under the signatory requirements stated in this permit shall make the following certification: "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." [WPC-1 Chapter One Section II.C]
T-47	Availability of Records 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. [WPC-1 Chapter One Section III.E]
T-48	Duty to Provide Information 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. [WPC-1 Chapter One Section IV.A(16)]

AI0000002068 (continued):

Narrative Requirements:

Condition No.	Condition
T-49	Toxic Pollutants 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. [WPC-1 Chapter One Section IV.A(26)]
T-50	Toxic Pollutants Notification Requirements The permittee shall comply with the applicable provisions of 40 CFR 122.42. [WPC-1 Chapter One Section IV.A(26)]
T-51	Civil and Criminal Liability (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. [WPC-1 Chapter One Section IV.A(24)]
T-52	Oil and Hazardous Substance Liability 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. [WPC-1 Chapter One Section IV.A(23)]
T-53	Property Rights 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. [WPC-1 Chapter One Section V.E]

AI0000002068 (continued):

Narrative Requirements:

Condition No.	Condition
T-54	Severability 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. [WPC-1 Chapter One Section IV.A(25)]
T-55	Protection of Confidential Information (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. [WPC-1 Chapter One Section III.F]
T-56	Protection of Confidential Information- continued (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. [WPC-1 Chapter One Section III.F]
T-57	Protection of Confidential Information- continued (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. [WPC-1 Chapter One Section III.F]

AI0000002068 (continued):

Narrative Requirements:

Condition No.	Condition
T-58	Spill Prevention and Best Management Plans 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. [WPC-1 Chapter One Section IV.A(12)a]
T-59	Reopener Clause 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: 1. Contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or 2. Controls any pollutant not limited in the permit; or 3. Reflects any additional or otherwise more stringent limitations and additional monitoring as determined to be necessary based on the results of a completed TMDL or water quality study of the receiving stream. The permit may also be reopened and modified to incorporate the results and conditions from an approved mixing zone study conducted by the facility following the issuance of the permit. [WPC-1 Chapter One Section IV.F(1)]
T-60	Closure Requirements 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. [WPC-1 Chapter One Section IV.A(11)]

AI0000002068 (continued):

Narrative Requirements:

Condition No.	Condition
T-61	Permit Actions 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. [WPC-1 Chapter One Section V.C(5)]
T-62	The permittee shall notify the Mississippi Department of Environmental Quality within 24 hours verbally, five (5) days in writing, of any observed breaches, tears, blowouts or discoveries in analytical data including, but not limited to, elevated results of analyses of storm water outfalls from the closed west gypsum stack, e.g. pH, Nitrogen, Phosphorous, Fluoride that may indicate a release to surface water from the closed west gypsum stack. If elevated monitor parameter(s) are detected in any storm water outfall from the closed west gypsum stack, the sampling frequency for that outfall shall be increased to at least monthly until normal results are obtained. The written notification must include descriptions of what remedial actions were taken or will be taken to address the necessary repairs or corrective action required at the closed west gypsum stack. Any known or potential adverse impacts to water quality of the receiving stream from contact storm water releases must also be described in this written notification along with descriptions of the remedial actions taken. [Other]
T-63	The terms "contaminated non-process wastewater" and "calcium sulfate storage pile runoff" per 40 CFR Part 418 are defined as follows: The term "contaminated non-process wastewater" shall mean any water including precipitaton runoff which, during manufacturing or processing, comes into incidential contact with any raw material, intermediate product, finished product, by-product or waste product by mean of: (1) Precipitation runoff; (2) accidental spills; (3) accidental leaks caused by the failure of process equipment and which are repaired or the discharge of pollutants therefrom contained or terminated within the shortest reasonable time which shall not exceed 24 hours after discovery or when discovery should reasonable have been made, whichever is earliest; and (4) discharges from safety showers and related personal safety equipment, and from equipment washings for the purpose of safe entry, inspection and maintenance; provided that all reasonable measures have been taken to prevent, reduce, eliminate and control to the maximum extent feasible such contact and provided further that all reasonable measures have been taken that will mitigate the effects of such contact once it has occured. The term "calcium sulfate storage pile runoff" shall mean the calcium sulfate transport water runoff from or through the calcium sulfate pile, and the precipitation which falls directly on the storage pile and which may be collected in a seepage ditch at the base of the outer slopes of the storage pile, provided such seepage ditch is protected from the incursion of surface runoff from areas outside of the outer perimeter of the seepage ditch. [40 CFR Part 418.11((c)and(f))]

AI0000002068 (continued):

Narrative Requirements:

Condition No.	Condition
T-64	The permittee shall maintain a series of adequate rainfall gauges in the proximity of the closed (west) gypsum stack and open (east) gypsum stack to properly estimate the rainfall volume and subsequently calculate the intensity in inches per hour for each applicable sampled rainfall event. Also, the permittee shall be required to maintain a rainfall gauge sited at the MPC's guardhouse to properly estimate the amount of rainfall (in inches) received by the facility. In addition to the submission of analytical results from samples taken at all regulated storm water outfalls, the permittee shall provide the date and duration (in hours) of the storm event(s) sampled; rainfall measurements or estimates (in inches) of the storm event that generated the sampled runoff; the duration between the storm event sampled and the end of the previous measurable (greater than 0.1 inch rainfall) storm event; and an estimate of the total volume (in gallons) of the discharge. [Other]

AI0000002068 (continued):

Narrative Requirements:

Condition No.	Condition
T-65	Best Management Practices / Pollution Prevention (BMP3) Plan --- No later than 180 days after the permit issuance, the permiitee shall develop and implement an updated BMP3 plan for the facility, and submit a copy of the plan to MDEQ. The plan shall be directed toward reducing those pollutants of concern which discharge, or could discharge, to surface waters to and shall be prepared in accordance with good engineering and good housekeeping practices. The plan shall address all activities which could or do contribute these pollutants to the surface water discharge, including the closed west gypsum stack. 1. Best Management Practices (BMP) Plan For purpose of this part, the terms "pollutant" or "pollutants" refers to any substance regulated by this permit, and any substance listed as toxic under Section 307(a)(1) of the Clean Water Act, oil, as defined in Section 311(a)(1) of the Act and any substances listed as hazardous under Section 311 of the Act. The permittee shall maintain a Best Management Practices (BMP) plan which prevents, or minimizes the potential for, the release of pollutants from ancillary activities, including material storage areas; plant site runoff; in-plant transfer, process and material handling areas; loading and unloading operations, and sludge and waste disposal areas, to the waters of the United States through plant site runoff; spillage or leaks; sludge or waste disposal; or drainage from raw material storage. 2. Implementation The plan as submitted to the Mississippi Department of Environmental Quality shall be adhered to in its entirely. The permittee shall notify the MDEQ of any significant deviation from this plan. 3. Documentation The permittee shall maintain the BMP plan at the facility and shall make the plan available to MDEQ upon request. 4. Best Management Practices (BMP) Plan Modification The permittee shall amend the BMP plan whenever there is a change in the facility or change in the operation of the facility which materially increases the potential for the ancillary activities to result in a discharge of a significant amount of pollutants. [Other]

AI0000002068 (continued):

Narrative Requirements:

Condition No.	Condition
T-66	Schedule of Compliance ----------

The permittee shall achieve compliance with the Phase II limitations for parameters contained in Effluent Limitations and Monitoring requirements of this permit in accordance with the following schedule:

1. Within ninety (90) days of the effective date of this permit, Permittee shall submit engineering report consist of technical work plans and specifications for conducting an approvable new mixing zone study, including an implementation schedule with interim milestones.

2. Within one (1) year upon the receipt of approval of an above submitted mixing zone study work plan, Permittee shall conduct an approvable new mixing zone study and shall submit their final report and may request that the permit be modified to relocate the outfalls and incorporate the results of the mixing zone study.

3. No later than March 1, 2013, the Permittee shall achieve compliance with final Phase II limitations, as modified based on the mixing zone study and relocation of the outfalls.

No later than 14 calender days following a date identified in the above plan and schedule of tasks, the permittee shall submit to the DEQ staff, either a report of progress or, in the case of specific actions being required by identified dates, a written notice of compliance or noncompliance, any remedial action taken, and the probability of meeting the next scheduled requirement. The permittee shall also provide the DEQ with semiannual progress reports that due January 31 and July 31 of each year until compliance is achieved. [WPC-1 Chapter One Section IV.A]

RPNT0000000010 (MS0003115-001) Outfall 001 (Internal Outfall for contaminated non-process wastewater from process areas including but not limited to industrial non-contact cooling water, pump seal water, cooling tower blowdown, boiler blowdown, steam condensate, plant storm water runoff, closed gypsum stack storm water runoff from internal outfall 006-B2 (i.e., rainwater from south of closed gypsum stack), and demineralized backwash water):

Submittal/Action Requirements:

Condition No.	Condition
S-1	The Permittee shall submit analytical results on an annual Discharge Monitoring Report (DMR): Due annually by the 28th of January. [WPC-1 Chapter Two]
S-2	The Permittee shall submit analytical results on a monthly Discharge Monitoring Report (DMR): Due monthly, by the 28th of the subsequent month. [WPC-1 Chapter Two]

RPNT0000000011 (MS0003115-002) Outfall 002 (Internal Outfall for treated wastewater originating from the calcium sulfate storage pile (gypstack) runoff. :

Submittal/Action Requirements:

Condition No.	Condition
S-1	The permittee shall Submit a report: Due monthly, by the 28th of the subsequent month, enumerating the available gypsum storage area stormwater surge capacity for each day of the month, the amount of rainfall received each day in inches, the calculated volume of stormwater produced each day by rainfall, the estimated daily amount of water removed from the system by consumption and evaporation (including calculations and assumptions used to determine water removal), and the volume of water treated and discharged from the system. The narrative description explaining the rationale or circumstances necessitating any discharges from Outfall 002 (MS0003115 002) shall be included in the report. The report shall be submitted to the Chief, Environmental Compliance and Enforcement Division, PO Box 2261, Jackson, MS 39225. [Compliance Use]
S-2	The Permittee shall submit analytical results on a monthly Discharge Monitoring Report (DMR): Due monthly, by the 28th of the subsequent month. [WPC-1 Chapter Two]
S-3	The permittee shall be required with their monthly DMR to Submit records: Due monthly, by the 28th of the subsequent month, of amount of rainfall received each day of a month by the East gypsum stack. [Compliance Use]
S-4	The Permittee shall submit analytical results on an annual Discharge Monitoring Report (DMR): Due annually by the 28th of January. [WPC-1 Chapter Two]

RPNT0000000012 (MS0003115-003) Outfall 003 (Combined discharges from internal outfalls 001 and 002):

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		The discharge from the diffuser (outfall 003) shall not cause the instream temperature of Bayou Casotte to exceed 90 degrees F (32.2 degrees C) at the edge of the zone of initial dilution (ZID), which is 10 meters around the discharge point. In addition, the discharge from outfall 003 shall not raise the instream temperature at the edge of the ZID more than 4 degrees F (2.2 degrees C) above the background temperature of Bayou Casotte during the period of October through May, nor more than 1.5 degrees F (0.8 degrees C) above the natural background temperature during the period of June through September. When ambient water temperatures naturally exceed 90 degrees F, the discharge temperature of effluent must not exceed the ambient water temperature. Temperature measurements shall be taken at the point of discharge, 10 meters south of the discharge, and at a point not influenced by the effluent discharge and located outside the chronic mixing zone radius of 275 meters around the discharge point within the turning basin of Bayou Casotte. The temperature measured outside the chronic mixing zone shall represent the ambient, or background, temperature. The instream temperature shall be measured instantaneously at least twice per month at a depth of five (5) feet in waters ten (10) feet or greater in depth. For those waters less than ten (10) feet in depth, the temperature shall be measured at mid-depth. The temperature difference between the temperature measurements taken at 10 meters south of the discharge (ZID boundary) and at the location representing the ambient, or background, temperature shall be reported on the monthly DMR (noted in the DMR as "temperature difference between upstream/downstream"). The instream temperature monitoring shall be submitted at the time of the DMR submittal as a separate report. The report shall contain the date and approximate time of sampling, sampling location, temperature measurements, tide and weather conditions (ambient temperature, sky conditions, etc.). [WPC-2 II.9]
L-2		For the pumps transporting wastewater from internall outfalls 001 and 002 to the diffuser discharge line (Outfall 001 Pump, Storm Water Pump, and Outfall 002 Pump), the permittee shall ensure that an emergency generator is available to run the pumps should there be a disruption in power to the facility or to the pumps. [Other]

RPNT0000000012 (continued):

Submittal/Action Requirements:

Condition No.	Condition
S-1	The Permittee shall submit analytical results on a semi-annually Discharge Monitoring Report (DMR): Due semi-annually by the 28th of January and July. [WPC-1 Chapter Two]
S-2	The Permittee shall submit analytical results on a quarterly Discharge Monitoring Report (DMR): Due quarterly, by the 28th of Jan, April, July, and Oct. [WPC-1 Chapter Two]
S-3	The Permittee shall submit analytical results on a monthly Discharge Monitoring Report (DMR): Due monthly, by the 28th of the subsequent month. [WPC-1 Chapter Two]

Narrative Requirements:

Condition No.	Condition
T-1	For Outfall 003, at the current discharge point and sampling point, sampling shall not be conducted at times when the discharge is not representative of the permitted discharge. The permittee shall not conduct effluent sampling during or in proximity to any high tide conditions which might cause the inflow of tidal waters into the discharge sampling area. [Other]

RPNT0000000032 (MS0003115-103) Outfall 103 (Former Outfall 003 that is used to discharge overflow from Internal Outfall 001):

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		Upon commencing discharge from the diffuser (Outfall 003), the permittee shall not discharge wastewater through Outfall 103, with the exception of precipitation (storm water) overflow from the concrete ditch located at internal Outfall 001. The permittee shall only discharge overflow from Outfall 001's concrete ditch when the storm water pump capacity at Outfall 001 is exceeded. Any wastewater discharged from Outfall 103 shall meet the applicable Effluent Limitations and Monitoring Requirements of this permit. [Other]

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For pH, a grab sample shall be collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge. For all other pollutants both a grab sample collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge and a flow weighted composite sample must be analyzed. The flow-weighted composite shall be taken for the entire event or for the first three hours of the event, whichever is shorter in duration. [Other]
M-2		The permittee shall monitor Outfall 103 at least once during each discharge event. If there is no discharge during a given month, the permittee shall indicate such on the Discharge Monitoring Report. [Other]

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. [WPC-1 Chapter Two]

RPNT0000000013 (MS0003115-004) Outfall 004 (Storm water runoff from non-process area, shops, offices, roads, railroads, and lawns):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For pH, a grab sample shall be collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge. For all other pollutants both a grab sample collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge and a flow weighted composite sample must be analyzed. The flow-weighted composite shall be taken for the entire event or for the first three hours of the event. The samples shall be collected from a discharge resulting from a storm event that is greater 0.1 inches and atleast 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event. Where feasible, the variance in the duration of the event and the total rainfall of the event should not exceed 50 percent from the average or median rainfall event in the area. [Other]

Submittal/Action Requirements:

Condition No.	Condition
S-1	The Permittee shall submit analytical results on an annual Discharge Monitoring Report (DMR): Due annually by the 28th of January. [WPC-1 Chapter Two]

Narrative Requirements:

Condition No.	Condition
T-1	The discharge flow rate may be estimated using the rational Equation (Q = C*I*A) as defined in Chapter 2, paragraph VI.E.1.d. found on page 43 of the State of Mississippi Wastewater Regulations. I, the rainfall intensity in inches per hour, shall be estimated from approved onsite rainfall gauges. [Other]

RPNT0000000014 (MS0003115-005) Outfall 005 (Non-contaminated Storm Water Runoff from the east Gypsum Storage Pile Perimeter (i.e., runoff from outside the active gypsum stack outer containment dike)):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For pH, a grab sample shall be collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge. For all other pollutants both a grab sample collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge and a flow weighted composite sample must be analyzed. The flow-weighted composite shall be taken for the entire event or for the first three hours of the event. The samples shall be collected from a discharge resulting from a storm event that is greater 0.1 inches and atleast 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event. Where feasible, the variance in the duration of the event and the total rainfall of the event should not exceed 50 percent from the average or median rainfall event in the area. [Other]

Submittal/Action Requirements:

Condition No.	Condition
S-1	The Permittee shall submit analytical results on an annual Discharge Monitoring Report (DMR): Due annually by the 28th of January. [WPC-1 Chapter Two]

Narrative Requirements:

Condition No.	Condition
T-1	The discharge flow rate may be estimated using the rational Equation (Q = C*I*A) as defined in Chapter 2, paragraph VI.E.1.d. found on page 43 of the State of Mississippi Wastewater Regulations. I, the rainfall intensity in inches per hour, shall be estimated from approved onsite rainfall gauges. [Other]

RPNT0000000016 (MS0003115-006B1) Outfall 006B1 (Storm Water Runoff from the bottom storm water ditch level on the southwest side of the Closed West Gypsum Storage Pile):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For pH, a grab sample shall be collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge. For all other pollutants both a grab sample collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge and a flow weighted composite sample must be analyzed. The flow-weighted composite shall be taken for the entire event or for the first three hours of the event. The samples shall be collected from a discharge resulting from a storm event that is greater 0.1 inches and atleast 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event. Where feasible, the variance in the duration of the event and the total rainfall of the event should not exceed 50 percent from the average or median rainfall event in the area. [Other]

Submittal/Action Requirements:

Condition No.	Condition
S-1	The Permittee shall submit analytical results on an annual Discharge Monitoring Report (DMR): Due annually by the 28th of January. [WPC-1 Chapter Two]

Narrative Requirements:

Condition No.	Condition
T-1	The discharge flow rate may be estimated using the rational Equation (Q = C*I*A) as defined in Chapter 2, paragraph VI.E.1.d. found on page 43 of the State of Mississippi Wastewater Regulations. I, the rainfall intensity in inches per hour, shall be estimated from approved onsite rainfall gauges. [Other]

RPNT0000000031 (MS0003115-006B2) Outfall 006B2 (Internal Outfall for "Capped Gypsum Stack Runoff" from the bottom storm water ditch level on the south side of the Closed West Gypsum Storage Pile. This outfall internally discharges into Outfall 001):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For pH, a grab sample shall be collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge. For all other pollutants both a grab sample collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge and a flow weighted composite sample must be analyzed. The flow-weighted composite shall be taken for the entire event or for the first three hours of the event. The samples shall be collected from a discharge resulting from a storm event that is greater 0.1 inches and atleast 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event. Where feasible, the variance in the duration of the event and the total rainfall of the event should not exceed 50 percent from the average or median rainfall event in the area. [Other]

Submittal/Action Requirements:

Condition No.	Condition
S-1	The Permittee shall submit analytical results on a quarterly Discharge Monitoring Report (DMR): Due quarterly, by the 28th of Jan, April, July, and Oct. [WPC-1 Chapter Two]

Narrative Requirements:

Condition No.	Condition
T-1	The discharge flow rate may be estimated using the rational Equation (Q = C*I*A) as defined in Chapter 2, paragraph VI.E.1.d. found on page 43 of the State of Mississippi Wastewater Regulations. I, the rainfall intensity in inches per hour, shall be estimated from approved onsite rainfall gauges. [Other]

RPNT0000000017 (MS0003115-007T1) Outfall 007T1 (Storm Water Runoff from the top level on the west side of the Closed West Gypsum Storage Pile):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For pH, a grab sample shall be collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge. For all other pollutants both a grab sample collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge and a flow weighted composite sample must be analyzed. The flow-weighted composite shall be taken for the entire event or for the first three hours of the event. The samples shall be collected from a discharge resulting from a storm event that is greater 0.1 inches and atleast 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event. Where feasible, the variance in the duration of the event and the total rainfall of the event should not exceed 50 percent from the average or median rainfall event in the area. [Other]

Submittal/Action Requirements:

Condition No.	Condition
S-1	The Permittee shall submit analytical results on an annual Discharge Monitoring Report (DMR): Due annually by the 28th of January. [WPC-1 Chapter Two]

Narrative Requirements:

Condition No.	Condition
T-1	The discharge flow rate may be estimated using the rational Equation (Q = C*I*A) as defined in Chapter 2, paragraph VI.E.1.d. found on page 43 of the State of Mississippi Wastewater Regulations. I, the rainfall intensity in inches per hour, shall be estimated from approved onsite rainfall gauges. [Other]

RPNT0000000028 (MS0003115-007T2) Outfall 007T2 (Storm Water Runoff from the top level on the west side of the Closed West Gypsum Storage Pile):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For pH, a grab sample shall be collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge. For all other pollutants both a grab sample collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge and a flow weighted composite sample must be analyzed. The flow-weighted composite shall be taken for the entire event or for the first three hours of the event. The samples shall be collected from a discharge resulting from a storm event that is greater 0.1 inches and atleast 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event. Where feasible, the variance in the duration of the event and the total rainfall of the event should not exceed 50 percent from the average or median rainfall event in the area. [Other]

Submittal/Action Requirements:

Condition No.	Condition
S-1	The Permittee shall submit analytical results on an annual Discharge Monitoring Report (DMR): Due annually by the 28th of January. [WPC-1 Chapter Two]

Narrative Requirements:

Condition No.	Condition
T-1	The discharge flow rate may be estimated using the rational Equation (Q = C*I*A) as defined in Chapter 2, paragraph VI.E.1.d. found on page 43 of the State of Mississippi Wastewater Regulations. I, the rainfall intensity in inches per hour, shall be estimated from approved onsite rainfall gauges. [Other]

RPNT0000000018 (MS0003115-007I) Outfall 007I (Storm Water Runoff from the Infill Bench Areas on the west side of the Closed West Gypsum Storage Pile):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For pH, a grab sample shall be collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge. For all other pollutants both a grab sample collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge and a flow weighted composite sample must be analyzed. The flow-weighted composite shall be taken for the entire event or for the first three hours of the event. The samples shall be collected from a discharge resulting from a storm event that is greater 0.1 inches and atleast 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event. Where feasible, the variance in the duration of the event and the total rainfall of the event should not exceed 50 percent from the average or median rainfall event in the area. [Other]

Submittal/Action Requirements:

Condition No.	Condition
S-1	The Permittee shall submit analytical results on an annual Discharge Monitoring Report (DMR): Due annually by the 28th of January. [WPC-1 Chapter Two]

Narrative Requirements:

Condition No.	Condition
T-1	The discharge flow rate may be estimated using the rational Equation (Q = C*I*A) as defined in Chapter 2, paragraph VI.E.1.d. found on page 43 of the State of Mississippi Wastewater Regulations. I, the rainfall intensity in inches per hour, shall be estimated from approved onsite rainfall gauges. [Other]

RPNT0000000019 (MS0003115-007B) Outfall 007B (Storm Water Runoff from the bottom storm water ditch level on the west side of the Closed West Gypsum Storage Pile):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For pH, a grab sample shall be collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge. For all other pollutants both a grab sample collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge and a flow weighted composite sample must be analyzed. The flow-weighted composite shall be taken for the entire event or for the first three hours of the event. The samples shall be collected from a discharge resulting from a storm event that is greater 0.1 inches and atleast 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event. Where feasible, the variance in the duration of the event and the total rainfall of the event should not exceed 50 percent from the average or median rainfall event in the area. [Other]

Submittal/Action Requirements:

Condition No.	Condition
S-1	The Permittee shall submit analytical results on an annual Discharge Monitoring Report (DMR): Due annually by the 28th of January. [WPC-1 Chapter Two]

Narrative Requirements:

Condition No.	Condition
T-1	The discharge flow rate may be estimated using the rational Equation (Q = C*I*A) as defined in Chapter 2, paragraph VI.E.1.d. found on page 43 of the State of Mississippi Wastewater Regulations. I, the rainfall intensity in inches per hour, shall be estimated from approved onsite rainfall gauges. [Other]

RPNT0000000029 (MS0003115-007S) Outfall 007S (Storm Water Runoff from the Surge Cooling Ditch Level on the west side of the Closed West Gypsum Storage Pile):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For pH, a grab sample shall be collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge. For all other pollutants both a grab sample collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge and a flow weighted composite sample must be analyzed. The flow-weighted composite shall be taken for the entire event or for the first three hours of the event. The samples shall be collected from a discharge resulting from a storm event that is greater 0.1 inches and atleast 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event. Where feasible, the variance in the duration of the event and the total rainfall of the event should not exceed 50 percent from the average or median rainfall event in the area. [Other]

Submittal/Action Requirements:

Condition No.	Condition
S-1	The Permittee shall submit analytical results on an annual Discharge Monitoring Report (DMR): Due annually by the 28th of January. [WPC-1 Chapter Two]

Narrative Requirements:

Condition No.	Condition
T-1	The discharge flow rate may be estimated using the rational Equation (Q = C*I*A) as defined in Chapter 2, paragraph VI.E.1.d. found on page 43 of the State of Mississippi Wastewater Regulations. I, the rainfall intensity in inches per hour, shall be estimated from approved onsite rainfall gauges. [Other]

RPNT0000000020 (MS0003115-008B) Outfall 008B (Storm Water Runoff from the bottom storm water ditch level on the northwest side of the Closed West Gypsum Storage Pile):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For pH, a grab sample shall be collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge. For all other pollutants both a grab sample collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge and a flow weighted composite sample must be analyzed. The flow-weighted composite shall be taken for the entire event or for the first three hours of the event. The samples shall be collected from a discharge resulting from a storm event that is greater 0.1 inches and atleast 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event. Where feasible, the variance in the duration of the event and the total rainfall of the event should not exceed 50 percent from the average or median rainfall event in the area. [Other]

Submittal/Action Requirements:

Condition No.	Condition
S-1	The Permittee shall submit analytical results on an annual Discharge Monitoring Report (DMR): Due annually by the 28th of January. [WPC-1 Chapter Two]

Narrative Requirements:

Condition No.	Condition
T-1	The discharge flow rate may be estimated using the rational Equation (Q = C*I*A) as defined in Chapter 2, paragraph VI.E.1.d. found on page 43 of the State of Mississippi Wastewater Regulations. I, the rainfall intensity in inches per hour, shall be estimated from approved onsite rainfall gauges. [Other]

RPNT0000000021 (MS0003115-008T) Outfall 008T (Storm Water Runoff from the top level on the northwest side of the Closed West Gypsum Storage Pile):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For pH, a grab sample shall be collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge. For all other pollutants both a grab sample collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge and a flow weighted composite sample must be analyzed. The flow-weighted composite shall be taken for the entire event or for the first three hours of the event. The samples shall be collected from a discharge resulting from a storm event that is greater 0.1 inches and atleast 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event. Where feasible, the variance in the duration of the event and the total rainfall of the event should not exceed 50 percent from the average or median rainfall event in the area. [Other]

Submittal/Action Requirements:

Condition No.	Condition
S-1	The Permittee shall submit analytical results on an annual Discharge Monitoring Report (DMR): Due annually by the 28th of January. [WPC-1 Chapter Two]

Narrative Requirements:

Condition No.	Condition
T-1	The discharge flow rate may be estimated using the rational Equation (Q = C*I*A) as defined in Chapter 2, paragraph VI.E.1.d. found on page 43 of the State of Mississippi Wastewater Regulations. I, the rainfall intensity in inches per hour, shall be estimated from approved onsite rainfall gauges. [Other]

RPNT0000000022 (MS0003115-008I1) Outfall 008I1 (Storm Water Runoff from the Infill Bench Areas on the northwest side of the Closed West Gypsum Storage Pile):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For pH, a grab sample shall be collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge. For all other pollutants both a grab sample collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge and a flow weighted composite sample must be analyzed. The flow-weighted composite shall be taken for the entire event or for the first three hours of the event. The samples shall be collected from a discharge resulting from a storm event that is greater 0.1 inches and atleast 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event. Where feasible, the variance in the duration of the event and the total rainfall of the event should not exceed 50 percent from the average or median rainfall event in the area. [Other]

Submittal/Action Requirements:

Condition No.	Condition
S-1	The Permittee shall submit analytical results on an annual Discharge Monitoring Report (DMR): Due annually by the 28th of January. [WPC-1 Chapter Two]

Narrative Requirements:

Condition No.	Condition
T-1	The discharge flow rate may be estimated using the rational Equation (Q = C*I*A) as defined in Chapter 2, paragraph VI.E.1.d. found on page 43 of the State of Mississippi Wastewater Regulations. I, the rainfall intensity in inches per hour, shall be estimated from approved onsite rainfall gauges. [Other]

RPNT0000000030 (MS0003115-008I2) Outfall 008I2 (Storm Water Runoff from the Infill Bench Areas on the northwest side of the Closed West Gypsum Storage Pile):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For pH, a grab sample shall be collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge. For all other pollutants both a grab sample collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge and a flow weighted composite sample must be analyzed. The flow-weighted composite shall be taken for the entire event or for the first three hours of the event. The samples shall be collected from a discharge resulting from a storm event that is greater 0.1 inches and atleast 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event. Where feasible, the variance in the duration of the event and the total rainfall of the event should not exceed 50 percent from the average or median rainfall event in the area. [Other]

Submittal/Action Requirements:

Condition No.	Condition
S-1	The Permittee shall submit analytical results on an annual Discharge Monitoring Report (DMR): Due annually by the 28th of January. [WPC-1 Chapter Two]

Narrative Requirements:

Condition No.	Condition
T-1	The discharge flow rate may be estimated using the rational Equation (Q = C*I*A) as defined in Chapter 2, paragraph VI.E.1.d. found on page 43 of the State of Mississippi Wastewater Regulations. I, the rainfall intensity in inches per hour, shall be estimated from approved onsite rainfall gauges. [Other]

RPNT0000000023 (MS0003115-008S) Outfall 008S (Storm Water Runoff from the Surge Cooling Ditch Level on the northwest side of the Closed West Gypsum Storage Pile):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For pH, a grab sample shall be collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge. For all other pollutants both a grab sample collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge and a flow weighted composite sample must be analyzed. The flow-weighted composite shall be taken for the entire event or for the first three hours of the event. The samples shall be collected from a discharge resulting from a storm event that is greater 0.1 inches and atleast 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event. Where feasible, the variance in the duration of the event and the total rainfall of the event should not exceed 50 percent from the average or median rainfall event in the area. [Other]

Submittal/Action Requirements:

Condition No.	Condition
S-1	The Permittee shall submit analytical results on an annual Discharge Monitoring Report (DMR): Due annually by the 28th of January. [WPC-1 Chapter Two]

Narrative Requirements:

Condition No.	Condition
T-1	The discharge flow rate may be estimated using the rational Equation (Q = C*I*A) as defined in Chapter 2, paragraph VI.E.1.d. found on page 43 of the State of Mississippi Wastewater Regulations. I, the rainfall intensity in inches per hour, shall be estimated from approved onsite rainfall gauges. [Other]

RPNT0000000024 (MS0003115-009S) Outfall 009S (Storm Water Runoff from the Surge Cooling Ditch Level on the northeast side of the Closed West Gypsum Storage Pile):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For pH, a grab sample shall be collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge. For all other pollutants both a grab sample collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge and a flow weighted composite sample must be analyzed. The flow-weighted composite shall be taken for the entire event or for the first three hours of the event. The samples shall be collected from a discharge resulting from a storm event that is greater 0.1 inches and atleast 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event. Where feasible, the variance in the duration of the event and the total rainfall of the event should not exceed 50 percent from the average or median rainfall event in the area. [Other]

Submittal/Action Requirements:

Condition No.	Condition
S-1	The Permittee shall submit analytical results on an annual Discharge Monitoring Report (DMR): Due annually by the 28th of January. [WPC-1 Chapter Two]

Narrative Requirements:

Condition No.	Condition
T-1	The discharge flow rate may be estimated using the rational Equation (Q = C*I*A) as defined in Chapter 2, paragraph VI.E.1.d. found on page 43 of the State of Mississippi Wastewater Regulations. I, the rainfall intensity in inches per hour, shall be estimated from approved onsite rainfall gauges. [Other]

RPNT0000000026 (MS0003115-009B) Outfall 009B (Storm Water Runoff from the bottom storm water ditch level on the northeast side of the Closed West Gypsum Storage Pile):

Monitoring Requirements:

Condition No.	Parameter	Condition
M-1		For pH, a grab sample shall be collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge. For all other pollutants both a grab sample collected during the first 30 minutes (or as soon thereafter as practicable) of the discharge and a flow weighted composite sample must be analyzed. The flow-weighted composite shall be taken for the entire event or for the first three hours of the event. The samples shall be collected from a discharge resulting from a storm event that is greater 0.1 inches and atleast 72 hours from the previously measurable (greater than 0.1 inch rainfall) storm event. Where feasible, the variance in the duration of the event and the total rainfall of the event should not exceed 50 percent from the average or median rainfall event in the area. [Other]

Submittal/Action Requirements:

Condition No.	Condition
S-1	The Permittee shall submit analytical results on an annual Discharge Monitoring Report (DMR): Due annually by the 28th of January. [WPC-1 Chapter Two]

Narrative Requirements:

Condition No.	Condition
T-1	The discharge flow rate may be estimated using the rational Equation (Q = C*I*A) as in defined Chapter 2, paragraph VI.E.1.d. found on page 43 of the State of Mississippi Wastewater Regulations. I, the rainfall intensity in inches per hour, shall be estimated from approved onsite rainfall gauges. [Other]

GENERAL INFORMATION

Mississippi Phosphates Corporation
601 Highway 611
Pascagoula, MS
Jackson County

Alternate/Historic Identifiers

ID	Alternate/Historic Name	User Group	Start Date	End Date
2068	Mississippi Phosphates Corporation	Official Site Name	4/5/1995	
2805900044	Mississippi Phosphates Corporation	Air-AIRS AFS	10/12/2000	
MSD077909133	Mississippi Phosphates Corporation	Hazardous Waste-EPA ID	10/12/2000	
128000044	Mississippi Phosphates Corporation	Air-Construction	7/14/1999	
128000044	Mississippi Phosphates Corporation	Air-Construction	3/20/1998	
128000044	Mississippi Phosphates Corporation	Air-Title V Operating	10/1/1999	10/1/2004
MSR001183	Mississippi Phosphates Corporation	GP-Baseline	4/5/1995	7/13/1997
MS0003115	Mississippi Phosphates Corporation	Water - NPDES	3/25/1997	3/25/2002
MS0003115	Mississippi Phosphates Corporation	Water - NPDES	6/22/2000	3/24/2002
MS0003115	Mississippi Phosphates Corporation	Water - NPDES	8/26/2002	7/31/2007
SW0300040452	Mississippi Phosphates Corporation	SolidWaste - NonMSW Landfill	3/25/1997	3/25/2007
128000044	Mississippi Phosphates Corporation	Air-Construction	5/1/2006	
128000044	Mississippi Phosphates Corporation	Air-Title V Fee Customer	10/1/1999	
128000044	Mississippi Phosphates Corporation	Air-Title V Operating	7/12/2006	6/30/2011
MSR104530	Mississippi Phosphates Corporation	GP-Construction	3/9/2007	3/28/2011
WQC2007115	Mississippi Phosphates Corporation, Maintenance Dredging	WQC Number	12/11/2007	
SAM20071925JBM	Mississippi Phosphates Corporation, Maintenance Dredging	COE Public Notice/ Permit Number	11/2/2007	11/23/2007
2068	Mississippi Phosphates Corporation	Air-Notification	1/21/2008	
2068	Mississippi Phosphates Corporation TSP Storage building	Air-Notification	10/6/2009	
2068	Phosphate Rock storage building	Air-Notification	10/13/2009	
MS0003115	Mississippi Phosphates Corporation	Water - NPDES	11/10/2009	10/31/2014
MS9804028F	Mississippi Phosphates Corporation, Five Year Maintenance Dredging Program	COE Public Notice/ Permit Number	9/18/1998	10/20/1998
WQC1998122	Mississippi Phosphates Corporation, Five Year Maintenance Dredging Program	WQC Number	10/29/1998	

GENERAL INFORMATION

ID	Alternate/Historic Name	User Group	Start Date	End Date
MS9601268O	Mississippi Phosphates Corporation, Gypsum Storage Facility	COE Public Notice/ Permit Number	5/31/1996	7/3/1996
WQC1996112	Mississippi Phosphates Corporation, Gypsum Storage Facility	WQC Number	5/16/1997	
WQC1989046	Nu-South Industries, Inc., Dredging	WQC Number	7/24/1989	
MS8900722A	Nu-South Industries, Inc., Dredging	COE Public Notice/ Permit Number	7/24/1989	8/24/1989
WQC1985020	Mississippi Chemical Corporation, Construction of Diked Storage Area	WQC Number	3/25/1985	
MS8500060O	Mississippi Chemical Corporation, Construction of Diked Storage Area	COE Public Notice/ Permit Number	3/18/1985	4/18/1985
2068	Mississippi Phosphates Corporation BAG House	Air-Notification	5/4/2010	
2068	Chain Room	Air-Notification	6/23/2010	
128000044	Mississippi Phosphates Corporation	Air-Construction	11/9/2010	
MSR104530	Mississippi Phosphates Corporation	GP-Construction	3/28/2011	8/17/2011
MSR105930	Mississippi Phosphates Corporation, Phase II Gypsum Storage Area	GP-Construction	4/26/2011	12/31/2015

Basin: Coastal Streams Basin

Location Description: PG - Plant Entrance (General). Data collected by R Sumrall on 1/24/2006.