

State of Mississippi



# WATER POLLUTION CONTROL PERMIT

Permit to Operate Waste Disposal System in Accordance with National and State Pretreatment Standards

# **THIS CERTIFIES** Jackson Plating Company

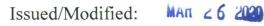
228 West Lorenz Boulevard Jackson, MS Hinds County

has been granted permission to discharge wastewater in accordance with 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. The issuance of this permit does not relieve the permittee from complying with any requirements which Publicly Owned Treatment Works Authority may deem necessary as a prerequisite to the use of the Authority's sewage system and associated treatment works.

Mississippi Environmental Quality Permit Board

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Mississippi Department of Environmental Quality



Permit No. MSP090072 Agency Interest # 1141

Expires: FEB 28 202

## **Table of Contents**

Subject Item Inventory	i
Facility Requirements	1
General Information	A-1
Other Relevant Documents:	

#### Jackson Plating Company Subject Item Inventory Permit Number:MSP090072 Activity ID No.: PER20200001

# **Subject Item Inventory:**

ID	Designation	Description
AI1141	1141	Metal Finishing Services
RPNT1	MSP090072 - 001	Outfall 001 (Process Wastewater)

#### **Receiving Stream Relationships:**

Subject Item	Relationship	Receiving Stream
AI 1141 Metal Finishing Services	U	Jackson POTW - Savanna Street Plant MS0024295
RPNT1 Outfall 001 (Process Wastewater)	U	Jackson POTW - Savanna Street Plant MS0024295

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

# EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

#### Subject Item: Outfall 001 (Process Wastewater)

# **RPNT000000001:** MSP090072 - 001

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

			Disc	charge Limita	tions			Мо	nitoring Require	nents
Parameter	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
Cadmium (Total Recoverable) Effluent	0.087 Monthly Average	0.40 Daily Maximum	pounds per day	*****	0.263 Monthly Average	1.2 Daily Maximum	mg/L	Weekly	24-hr Composite	Jan-Dec
Chromium (Total Recoverable) Effluent	1.33 Monthly Average	2.33 Daily Maximum	pounds per day	*****	4.0 Monthly Average	7.0 Daily Maximum	mg/L	Weekly	24-hr Composite	Jan-Dec
Copper (Total Recoverable) Effluent	0.9 Monthly Average	1.5 Daily Maximum	pounds per day	*****	2.7 Monthly Average	4.5 Daily Maximum	mg/L	Weekly	24-hr Composite	Jan-Dec
Cyanide (Total) Effluent	0.33 Monthly Average	0.63 Daily Maximum	pounds per day	*****	1.0 Monthly Average	1.9 Daily Maximum	mg/L	Weekly	Grab Sampling	Jan-Dec
Flow, in conduit or thru treatment plant Effluent	0.04 Monthly Average	Report Daily Maximum	Million Gallons per Day	*****	*****	*****	*****	Continuously	Continuous Recorder	Jan-Dec
Lead (Total Recoverable) Effluent	0.13 Monthly Average	0.20 Daily Maximum	pounds per day	*****	0.4 Monthly Average	0.6 Daily Maximum	mg/L	Weekly	24-hr Composite	Jan-Dec
Metals (Total) Effluent	2.27 Monthly Average	3.5 Daily Maximum	pounds per day	*****	6.8 Monthly Average	10.5 Daily Maximum	mg/L	Weekly	24-hr Composite	Jan-Dec
Nickel (Total Rec overable) Effluent	0.867 Monthly Average	1.37 Daily Maximum	pounds per day	****	2.6 Monthly Average	4.1 Daily Maximum	mg/L	Weekly	24-hr Composite	Jan-Dec

# EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

#### Subject Item: Outfall 001 (Process Wastewater)

#### **RPNT000000001: MSP090072 - 001**

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

		Discharge Limitations							Monitoring Requirements		
Parameter	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	
pH Effluent	*****	****	****	6.0 Minimum	****	9.0 Maximum	SU	Weekly	Grab Sampling	Jan-Dec	
Zinc (Total Recoverable) Effluent	0.867 Monthly Average	1.40 Daily Maximum	pounds per day	****	2.6 Monthly Average	4.2 Daily Maximum	mg/L	Weekly	24-hr Composite	Jan-Dec	
Organics, total toxic(TTO (40CFR413)) Effluent	****	0.71 Daily Maximum	pounds per day	****	****	2.13 Daily Maximum	mg/L	Semiannually	Grab Sampling	Jan-Dec	

Jackson Plating Company Facility Requirements Permit Number:MSP090072 Activity ID No.: PER20200001

#### AI0000001141 (1141) Metal Finishing Services:

Limitation Requirements:

Condition No.	Parameter	Condition
L-1		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 actual discharge into the POTW collection system or mixing with non-regulated waste streams. [11 Miss. Admin. Code Pt. 6, R.1.1.4.A(28).]
L-2		General Pretreatment Prohibitions
		<ul> <li>In addition to those pollutants limited in the "Effluent Limitations and Monitoring Requirements" section of this permit, the following pollutants shall not be discharged into the POTW:</li> <li>(1) Pollutants which create a fire or explosion hazard in the POTW, including but not limited to, wastestreams with a closed cup flashpoint of less than 140 degrees Fahrenheit or 60 degrees Centigrade using the test methods specified in 40 CFR 261.21;</li> <li>(2) Pollutants which will cause corrosive structural damage to the POTW, but in no case discharges with pH lower than 5.0, unless the treatment works is specifically designed to accommodate such discharges;</li> <li>(3) Solid or viscous pollutants in amounts which will cause obstruction to the flow in the POTW resulting in interference;</li> <li>(4) Any pollutant, including oxygen demanding pollutants (BOD, etc.) released in a discharge at a flow rate and/or pollutant concentration which will cause interference with the POTW;</li> <li>(5) Heat in amounts which will inhibit biological activity in the POTW resulting in interference, but in no case heat in such quantities that the temperature at the POTW, approves alternate temperature limits;</li> <li>(6) Petroleum oil, nonbiodegradable cutting oil, or products of mineral oil origin in amounts that will cause interference or pass through;</li> <li>(7) Pollutants which result in the presence of toxic gases, vapors, or fumes within the POTW in a quantity that may cause acute worker health and safety problems;</li> <li>(8) Any trucked or hauled pollutants, except at discharge points designated by the POTW. [40 CFR 403.5(b)]</li> </ul>

Page 1 of 21

Jackson Plating Company Facility Requirements Permit Number:MSP090072 Activity ID No.: PER20200001

AI0000001141 (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:
	<ol> <li>(1) The exact place, date, and time of sampling;</li> <li>(2) The dates the analyses were performed;</li> <li>(3) The person(s) who performed the analyses;</li> <li>(4) The analytical techniques, procedures or methods used; and</li> </ol>
	(5) The results of all required analyses. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(29)(a).]
Submitta	
Condition	(5) The results of all required analyses. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(29)(a).] I/Action Requirements:
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Page 2 of 21

Jackson Plating Company Facility Requirements Permit Number:MSP090072 Activity ID No.: PER20200001

AI0000001141 (continued):

Submittal/Action Requirements:

Condition No.	Condition
S-2	Reporting
	Monitoring results obtained during the previous reporting period shall be summarized and reported on a Discharge Monitoring Report (DMR). DMR data must be submitted submitted electronically using the MDEQ NetDMR system NO LATER THAT THE 28TH DAY OF THE MONTH FOLLOWING THE COMPLETED REPORTING PERIOD.
	DMRs and all other reports required herein, shall be signed in accordance with 11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(15)(c)(1). of the Mississippi Wastewater Regulations. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(15)(c)(1)., 40 CFR 122.21(1)(4)(i)]
S-3	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.
	<ul> <li>(2) The following shall be included as information which must be reported within 24 hours under this paragraph.</li> <li>(i) Any unanticipated bypass which exceeds any effluent limitation in the permit.</li> <li>(ii) Any upset which exceeds any effluent limitation in the permit.</li> <li>(iii) Violation of a maximum daily discharge limitation for any of the pollutants listed by the Permit Board in the permit to be reported within 24 hours.</li> <li>(iv) The Executive Director may waive the written report on a case-by-case basis for reports under paragraph (1) of this section if the oral report has been received within 24 hours.</li> </ul>
	All reports required by this condition which are submitted after December 20, 2020, shall be submitted by the permittee electronically as instructed by MDEQ. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(29)(e)., 40 CFR 122.41(1)(6)]

Page 3 of 21

Jackson Plating Company Facility Requirements Permit Number:MSP090072 Activity ID No.: PER20200001

## AI0000001141 (continued):

Submittal/Action Requirements:

Condition No.	Condition
S-4	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.
	All reports required by this condition which are submitted after December 20, 2020, shall be submitted by the permittee electronically as instructed by MDEQ. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(29)(f)., 40 CFR 122.41(1)(7)]
S-5	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. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(29)(g).]
S-6	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.
	All reports required by this condition which are submitted after December 20, 2020, shall be submitted by the permittee electronically as instructed by MDEQ. [40 CFR 122.41(m)(3)(i, ii)]
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. [11 Miss. Admin. Code Pt. 6, R. 1.1.5.B(1).]

Page 4 of 21

Jackson Plating Company Facility Requirements Permit Number:MSP090072 Activity ID No.: PER20200001

# AI0000001141 (continued):

Narrative Requirements:

## **Definitions:**

Condition No.	Condition
T-1	Definitions: General
	The permittee shall refer to 11 Miss. Admin. Code Pt. 6, R.1.1.1.A. for definitions of any permit term not specified in this permit. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.A.]
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 E coli bacteria is the geometric mean of "daily discharges" measured during the geometric mean for E coli bacteria, the value one (1) shall be substituted for sample results of zero. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.A(44).]
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. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.A(15).]
T-4	Definitions: Daily Maximum
	"Daily maximum" means the highest "daily discharge" over a calendar month. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.A(16).]
T-5	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. [11 Miss. Admin. code Pt.6, R. 1.1.1.A(71).]
T-6	Definitions: Hazardous Substances
	"Hazardous substances" are defined in 40 CFR 116.4

Page 5 of 21

Jackson Plating Company Facility Requirements Permit Number:MSP090072 Activity ID No.: PER20200001

#### AI000001141 (continued):

Narrative Requirements:

R. 1.1.1.A(67)

#### **Definitions:**

Condition Condition No. Definitions: Quarterly Average T-7 "Quarterly Average" means the average of "daily discharges" over a three month period, calculated as the sum of all "daily discharges" measured during the quarter divided by the number of "daily discharges" measured during the quarter. The quarterly average for E coli bacteria is the geometric mean of "daily discharges" measured during the quarter. In computing the geometric mean for E coli bacteria, the value one (1) shall be substituted for sample results of zero. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.A(61).] Definitions: Quarterly Maximum T-8 "Quarterly Maximum" means the highest "daily discharge" measured over a three-month period. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.A(62).] T-9 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 E coli bacteria is the geometric mean of "daily discharges" during the calendar year. In computing the geometric mean for E coli bacteria, the value one (1) shall be substituted for sample results of zero. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.A(87).] T-10 Definitions: Yearly Maximum "Yearly Maximum" means the highest "daily discharge" measured over a calendar year. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(88).] T-11 Definitions:"Submitted" means the document is postmarked on or before the applicable deadline, except as otherwise specified. 11 Miss. Admin. Code Pt. 6,

Page 6 of 21

Jackson Plating Company Facility Requirements Permit Number:MSP090072 Activity ID No.: PER20200001

# AI0000001141 (continued):

Narrative Requirements:

Condition No.	Condition
T-12	The issuance of this permit does not relieve the permittee from complying with any requirements which the Publicly Owned Treatment Works (POTW) Authority may deem necessary as a prerequisite to the use of the Authority's sewage system and associated treatment works. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.M.]
T-13	The permittee shall achieve compliance with the effluent limitations specified for discharge in accordance with the following schedule: Upon Permit Issuance. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(9).]
T-14	Within 14 days after either an interim or final date of compliance specified by this permit, the permittee shall provide the Permit Board with written notice of his compliance or noncompliance with the requirements or conditions specified to be completed by that date. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(10).]
T-15	No Discharge of Wastewater to Surface Water
	The discharge of any wastewater from this facility to the waters of the State of Mississippi shall constitute a violation of this permit, except as provided in the Bypassing and Upset conditions of this permit, or as authorized under separate permit pursuant to Section 402 of the Federal Water Pollution Control Act. [11 Miss. Admin. Code Pt. 6, R. 1.1.1.B.]
T-16	Facilities Operation
	The permittee shall at all times properly operate, maintain, and when necessary, promptly replace all facilities and systems of collection, treatment and control (and related appurtenances) which are installed or used by the permittee to achieve compliance with the conditions of this permit. Proper operation and maintenance includes adequate laboratory controls and appropriate quality assurance procedures. Proper replacement includes maintaining an adequate inventory of replacement equipment and parts for prompt replacement when necessary to maintain continuous collection and treatment of wastewater. This provision requires the operation of back-up or auxiliary facilities or similar systems which are installed by a permittee only when the operation is necessary to achieve compliance with the conditions of the permit. The Permit Board may require regular reporting of internal operational and maintenance parameters where necessary to confirm proper operation of a waste treatment system. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A.(18).]
T-17	Representative Sampling
	Samples and measurements taken as required herein shall be representative of the volume and nature of the monitored wastewater. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(28)(e).]

Page 7 of 21

Jackson Plating Company Facility Requirements Permit Number:MSP090072 Activity ID No.: PER20200001

AI0000001141 (continued):

Narrative Requirements:

Condition No.	Condition
T-18	Reporting
	If the results for a given sample analysis are such that any parameter (other than E coli) is not detected at or above the minimum level for the test method used, a value of zero will be used for that sample in calculating an arithmetic mean value for the parameter. If the resulting calculated arithmetic mean value for that reporting period is zero, the permittee shall report "NODI = B" on the DMR. For E coli, a value of 1.0 shall be used in calculating the geometric mean. If the resulting E coli mean value is 1.0, the permittee shall report "NODI = B" on the DMR. For each quantitative sample value that is not detectable, the test method used and the minimum level for that method for that parameter shall be attached to and submitted with the DMR. The permittee shall then be considered in compliance with the appropriate effluent limitation and/or reporting requirement. [11 Miss. Admin. Code Pt. 6, Ch. 1., Subch. 2]
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. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.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. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(15)(c)(3).]
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. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.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. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(29)(a).]

Page 8 of 21

Jackson Plating Company Facility Requirements Permit Number:MSP090072 Activity ID No.: PER20200001

AI0000001141 (continued):

Narrative Requirements:

Condition No.			
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. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(29)(d).]		
T-24	Compliance with Permit Conditions		
	All discharges authorized by the permit shall be consistent with the terms and conditions of the permit and the permittee shall make all reasonable efforts to meet any interim or final dates for compliance specified therein. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(13).]		
T-25	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 11 Miss. Admin. Code Pt. 6, R. 1.1.2.A. of the Mississippi Wastewater Regulations, or if the discharge does not violate effluent limitations specified in the permit, by submitting to the Permit Board a notice of a new or increased discharge. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(14).]		
T-26	Routine Reporting		
	Such test results, reports, or other data as the Mississippi Environmental Quality Permit Board may determine to be necessary shall be submitted as specified elsewhere in the permit to the following address:		
	Mississippi Department of Environmental Quality Office of Pollution Control P.O. Box 2261 Jackson, Mississippi 39225. [11 Miss. Admin. code Pt. 6, R. 1.1.4.A(16).]		

Page 9 of 21

Jackson Plating Company Facility Requirements Permit Number:MSP090072 Activity ID No.: PER20200001

AI0000001141 (continued):

Narrative Requirements:

Condition No.	tion Condition		
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. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(19).]		
T-28	Bypassing		
	The permittee shall comply with the terms and conditions regarding bypass found in 40 CFR 403.17. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.M.]		
T-29	Bypassing - Definitions		
	"Bypass" means the intentional diversion of waste streams from any portion of the permittee's 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 403.17(a)]		
T-30	Bypassing- Prohibition of Bypass		
	<ul> <li>Bypass is prohibited, and the Commission may take enforcement action against a permittee unless:</li> <li>(1) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage.</li> <li>(2) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate 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</li> <li>(3) The permittee submitted notices as required under the notice of bypass requirement in this permit. [40 CFR 403.17(d)]</li> </ul>		
T-31	Upsets		
	The permittee shall meet the conditions of 40 CFR 403.16 regarding "Upsets" and as in the upset requirements of this permit. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.M.]		

Page 10 of 21

Jackson Plating Company Facility Requirements Permit Number:MSP090072 Activity ID No.: PER20200001

AI0000001141 (continued):

Narrative Requirements:

Condition No.	ion Condition		
T-32	Upsets- Definition		
	"Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with categorical pretreatment standards because of factors beyond the reasonable control of the permittee. An upset does not include noncompliance to the extent caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, or careless or improper operation. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(27).)]		
T-33	Upsets - Effect of an upset		
	An upset constitutes an affirmative defense to an action brought for noncompliance with categorical pretreatment standards if the "conditions necessary for demonstration of upset" requirements of this permit are met. No determination made during administrative review of claims that noncompliance was caused by upset, and before an action for noncompliance, is final administrative action subject to judicial review. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(27).]		
T-34	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:		
	<ol> <li>(1) An upset occurred and that the permittee can identify the cause(s) of the upset;</li> <li>(2) The permitted facility was at the time being properly operated in a prudent and workmanlike manner and in compliance with applicable operation and maintenance procedures; and;</li> <li>(3) The permittee submitted notice of the upset as required in 40 CFR 403.16(c)(3)(24-hour notice of noncompliance). [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(27).]</li> </ol>		
T-35	Upsets - Burden of proof		
	In any enforcement proceeding the permittee seeking to establish the occurrence of an upset has the burden of proof. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(27).]		

Page 11 of 21

Jackson Plating Company Facility Requirements Permit Number:MSP090072 Activity ID No.: PER20200001

## AI0000001141 (continued):

Narrative Requirements:

Condition No.	Condition
T-36	Upsets- User responsibility in case of upset
	The Industrial User shall control production or all discharges to the extent necessary to maintain compliance with categorical Pretreatment Standards upon reduction, loss, or failure of its treatment facility until the facility is restored or an alternative method of treatment is provided. This requirement applies in the situation where among other things, the primary source of power of the treatment facility is reduced, lost or fails. [40 CFR 403.16(f)]
T-37	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. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(21).]
T-38	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. [11 Miss. Admin. Code Pt. 6, R.1.1.4.A(22).]
T-39	Inspection and Entry
	The permittee shall allow any authorized Commission representative to enter the permittee's premises where a wastewater source is located or in which records are required to be kept under the terms and conditions of this permit, at any reasonable time, to have access to and copy any applicable records, to inspect process facilities, treatment works, monitoring methods or equipment or to take samples, as authorized by Section 49-17-21 of the Code. In the event of investigation during an emergency response action, a reasonable time shall be any time of the day or night. Follow-up investigations subsequent to the conclusion of the emergency event shall be conducted at reasonable times. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(17).]

Page 12 of 21

Jackson Plating Company Facility Requirements Permit Number:MSP090072 Activity ID No.: PER20200001

Page 13 of 21

# AI0000001141 (continued):

Narrative Requirements:

Condition No.	Condition		
T-40	Transfer of Ownership or Control		
	This permit is not transferable to any person without proper modification of this permit following procedures found in [11 Miss. Admin. Code Pt. 6, R. 1.1.5.C.]		
T-41	Signatory Requirements		
	All applications, reports, or information submitted to the Permit Board shall be signed and certified. [11 Miss. Admin. Code Pt. 6, R. 1.1.2.C.]		
T-42	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. [11 Miss. Admin. Code Pt. 6, R. 1.1.2.C.]		

Jackson Plating Company Facility Requirements Permit Number:MSP090072 Activity ID No.: PER20200001

## AI0000001141 (continued):

Narrative Requirements:

Condition No. Condition	
T-43	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:
	<ol> <li>(1) The authorization is made in writing by a person described by the application signature requirements;</li> <li>(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</li> <li>(3) The written authorization is submitted to the Permit Board. [11 Miss. Admin. Code Pt. 6, R. 1.1.2.C.]</li> </ol>
T-44	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. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.M.]
T-45	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." [11

Miss. Admin. Code Pt. 6, R. 1.1.4.A(29)(d).]

Page 14 of 21

Jackson Plating Company Facility Requirements Permit Number:MSP090072 Activity ID No.: PER20200001

AI0000001141 (continued):

Narrative Requirements:

Condition			
No.	Condition		
T-46	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. [11 Miss. Admin. Code Pt. 6, R. 1.1.3.E.]		
T-47	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. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(16).]		
T-48	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. [11 Miss. Admin. Code Pt. 6, R. 1.1.5.C.(5).]		
T-49	Civil and Criminal Liability		
	<ol> <li>(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.</li> <li>(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.</li> <li>(3) It shall not be the defense of the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A.(24).]</li> </ol>		

Page 15 of 21

Jackson Plating Company Facility Requirements Permit Number:MSP090072 Activity ID No.: PER20200001

AI0000001141 (continued):

Narrative Requirements:

not require additional notification.

Condition Condition No. Oil and Hazardous Substance Liability T-50 Nothing in this permit shall be construed to preclude the institution of any legal action or relieve the permittee from any responsibilities, liabilities, or penalties to which the permittee is or may be subject to under Section 311 of the Federal Water Pollution Control Act and applicable provisions under Mississippi Law pertaining to transportation, storage, treatment, or spillage of oil or hazardous substances. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(23).] Hazardous Waste Release(1) The permittee shall notify the Mississippi Department of Environmental Quality, the EPA Regional Waste Management Division T-51 Director, State hazardous waste authorities, and the POTW in writing of any discharge into the POTW of a substance, which, if otherwise disposed of, would be a hazardous waste under 40 CFR part 261. Such notification must include the name of the hazardous waste as set forth in 40 CFR part 261, the EPA hazardous waste number, and the type of discharge (continuous, batch, or other). If the Industrial User discharges more than 100 kilograms of such waste per calendar month to the POTW, the notification shall also contain the following information to the extent such information is known and readily available to the Industrial User: An identification of the hazardous constituents contained in the wastes, as estimation of the mass and concentration of such constituents in the wastestream discharged during that calendar month, and an estimation of the mass of constituents in the wastestream expected to be discharged during the following twelve months. All notifications must take place within 180 days of the effective date of this rule. Industrial users who commence discharging after the effective date of this rule shall provide the notification no later than 180 days after the discharge of the listed or characteristic hazardous waste. Any notification under this paragraph need be submitted only once. However, notifications of changed discharges must be submitted under 40 CFR 403.12(j). The notification requirement in this section does not apply to pollutants already reported under the self-monitoring requirements of 40 CFR 403.12(b), (d), and (e). Hazardous Waste Release (continued) T-52 (2) Dischargers are exempt from the requirements of paragraph (1) of the Hazardous Waste Release requirement during a calendar month in which they discharge no more than fifteen kilograms of hazardous wastes, unless the wastes are acute hazardous wastes as specified in 40 CFR 261.30(d) and 261.33(d). Discharge of more than fifteen kilograms of non-acute hazardous wastes in a calendar month, or of any quantity of acute hazardous wastes as specified in 40 CFR 261.30(d) and 261.33(e), requires a one-time notification. Subsequent months during which the Industrial User discharges more than such quantities of any hazardous waste do

(3) In the case of any new regulations under section 3001 of RCRA identifying additional characteristics of hazardous waste or listing any additional substance as a hazardous waste, the Industrial User must notify the POTW, the EPA Regional Waste Management Division Director, and State hazardous waste authorities of the discharge of such substance within 90 days of the effective date of such regulations. [40 CFR 403.12(p)]

Page 16 of 21

Jackson Plating Company Facility Requirements Permit Number:MSP090072 Activity ID No.: PER20200001

## AI0000001141 (continued):

Narrative Requirements:

Condition No.	Condition		
T-53	Hazardous Waste Release (continued)		
	(4) In the case of any notification made under paragraph (1) of this section, the Industrial User shall certify that it has a program in place to reduce the volume and toxicity of hazardous wastes generated to the degree it has determined to be economically practical. [40 CFR 403.12(p)]		
T-54	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. [11 Miss. Admin. Code Pt. 6, R. 1.1.5.E.]		
T-55	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. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(25).]		
T-56	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. [11 Miss. Admin. Code Pt. 6, R. 1.1.3.F.]		
T-57	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. [11 Miss.		

Admin. Code Pt. 6, R. 1.1.3.F.]

Page 17 of 21

Jackson Plating Company Facility Requirements Permit Number:MSP090072 Activity ID No.: PER20200001

# AI0000001141 (continued):

Narrative Requirements:

Condition No.	Condition
T-58	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. [11 Miss. Admin. Code Pt. 6, R. 1.1.3.F.]
T-59	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. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(12)(a).]
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. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(11).]

Page 18 of 21

Jackson Plating Company Facility Requirements Permit Number:MSP090072 Activity ID No.: PER20200001

AI0000001141 (continued):

Narrative Requirements:

Condition No.	Condition		
T-61	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:		
	<ol> <li>Contains different conditions or is otherwise more stringent than any effluent limitation in the permit; or</li> <li>Controls any pollutant not limited in the permit.</li> <li>To comply with condition for the protection of the receiving collection system or treatment works. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.F(1).]</li> </ol>		

Page 19 of 21

Jackson Plating Company Facility Requirements Permit Number:MSP090072 Activity ID No.: PER20200001

#### RPNT000000001 (MSP090072 - 001) Outfall 001 (Process Wastewater):

Monitoring Requirements:

Condition	1	
No.	Parameter	Condition
M-1		The term "Total Toxic Organics" is defined as the summation of all quantifiable values greater than 0.01 mg/l for the list of toxic organics found in 40 CFR Part 413.02(i). [40 CFR 413.02(i)]
M-2		The permittee may, in lieu of monitoring TTO; submit a toxic organic management plan for review and approval. Upon approval, the permittee may discontinue monitoring for TTO, but the following certification statement must be made in the comment section of every discharge monitoring report submitted.
		"Based on my inquiry of the person or persons directly responsible for managing compliance with the permit limitations (or pretreatment standard) for total toxic organics (TTO), I certify that, to the best of my knowledge or belief, no dumping of concentrated toxic organics into the wastewater has occurred since filing of the last discharge monitoring report. I further certify that this facility is implementing the toxic organic management plan submitted to the permitting or control authority." [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A., 40 CFR 413.03(a)]
M-3		Cyanide samples must be collected after Cyanide treatment and prior to dilution with other streams. [40 CFR 433.12]
Submitt	tal/Action Requirem	nents:
Condition	1	
No.	Condition	
S-1	A copy of the Discharge Monitoring Reports (DMRs) shall be submitted to the City of Jackson, Savanna Street Department of Public Works. [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A.]	
S-2	The Permittee shall submit analytical results on a monthly Discharge Monitoring Report (DMR): Due monthly, by the 28th of the subsequent month. The shall submit results for the following pollutants/parameters: Cadmium (Total Recoverable), Chromium (Total Recoverable), Copper (Total Recoverable), (Total), Effluent Flow, Lead (Total Recoverable), Metals (Total), Nickel (Total Recoverable), pH, and Zinc (Total Recoverable). [11 Miss. Admin. Code 1.1.4.A(15)(c).]	

Page 20 of 21

Jackson Plating Company Facility Requirements Permit Number:MSP090072 Activity ID No.: PER20200001

## **RPNT000000001 (continued):**

Submittal/Action Requirements:

Condition No.	Condition				
S-3	The Permittee shall submit analytical results on a semi-annually Discharge Monitoring Report (DMR): Due semi-annually by the 28th of January and July. Permittee shall submit results for Total Toxic Organics (TTO). [11 Miss. Admin. Code Pt. 6, R. 1.1.4.A(15)(c).]				
Narrative	e Requirements:				
Condition No.	Condition				

T-1 Total Metals is defined as the sum of the concentration or mass of Copper (Cu), Nickel (Ni), Chromium (Cr) (Total) and Zinc (Zn). [40 CFR 413.02(e)]

Page 21 of 21

# **GENERAL INFORMATION**

Jackson Plating Company 228 West Lorenz Boulevard Jackson, MS Hinds County

# **Alternate/Historic Identifiers**

ID	Alternate/Historic Name	User Group	Start Date	End Date
1141	Jackson Plating Company	Official Site Name	9/12/1995	
2804903030	Jackson Plating Company	Air-AIRS AFS	10/12/2000	
MSD008181562	Jackson Plating Company	Hazardous Waste-EPA ID	10/12/2000	
MSP090072	Jackson Plating Company	Water - Pretreatment	9/12/1995	9/11/2000
MSP090072	Jackson Plating Company	Water - Pretreatment	9/19/2001	5/1/2006
MSU072240	Jackson Plating Company	Water - SOP	10/1/1973	12/1/1973
MSP090072	Jackson Plating Company	Water - Pretreatment	5/1/2006	1/24/2011
1141	Jackson Plating Company	No Exposure Certification	8/28/2006	3/24/2011
1141 001	Jackson Plating Company	GARD	2/26/1986	
MSP090072	Jackson Plating Company	Water - Pretreatment	1/24/2011	8/7/2015
1141	Jackson Plating Company	No Exposure Certification	3/25/2011	11/19/2015
MSP090072	Jackson Plating Company	Water - Pretreatment	8/7/2015	3/26/2020
1141	Jackson Plating Company	No Exposure Certification	11/20/2015	11/19/2020
	Branch	Branches Group - Air	7/18/2017	
	Branch	Branches Group - Water	7/18/2017	
	Branch	Branches Group - Stormwater-401	7/18/2017	
	Branch	Branches Group - Hazardous Waste	8/4/2017	
MSP090072	Jackson Plating Company	Water - Pretreatment	3/26/2020	2/28/2025

**Basin:** Pearl River Basin

# **GENERAL INFORMATION**

Location Description: PG - Plant Entrance (At door to office). WAAS enabled. Data collected by D. Burchfield August 20, 2008.