



REGION 6
1201 ELM STREET, SUITE 500
DALLAS, TEXAS 75270

NPDES Permit No LA0050971

**AUTHORIZATION TO DISCHARGE UNDER THE
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM**

In compliance with the provisions of the Clean Water Act, as amended, (33 U.S.C. 1251 et. seq; the "Act"),

Chitimacha Tribe of LA WWTP No. 1
P.O. Box 661
Charenton, LA 70523

is authorized to discharge from facility located at 832 Martin Luther King Road, Charenton, St. Mary Parish, Louisiana. The discharge is to an unnamed ditch, thence Bayou Teche in Louisiana subsegment No. 060401 of the Vermilion-Teche River Basin.

The discharge is located at the following coordinates:

Outfall 001: Latitude 29° 52' 42" North and Longitude 91° 32' 07" West

in accordance with this cover page and the effluent limitations, monitoring requirements, and other conditions set forth in Part I, Part II, Part III, and Part IV hereof.

This permit, prepared by Aron K. Korir, Physical Scientist, Permitting Section (6WD-PE), shall become effective on March 1, 2022

This permit and the authorization to discharge shall expire at midnight February 28, 2027

Issued on February 4, 2022

A handwritten signature in black ink, appearing to read "Charles W. Maguire".

Charles W. Maguire
Director
Water Division (6WD)

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PART I – REQUIREMENTS FOR NPDES PERMITS
SECTION A. LIMITATIONS AND MONITORING REQUIREMENTS

1. Final Effluent Limits – 0.22 MGD Design Flow

During the period beginning the effective date of the permit and lasting through the expiration date of the permit (unless otherwise noted), the permittee is authorized to discharge treated municipal wastewater to an unnamed ditch on tribal land thence Bayou Teche in Louisiana subsegment No. 060401 of the Vermilion-Teche River Basin, from the Outfall 001. Such discharges shall be limited and monitored by the permittee as specified below:

EFFLUENT CHARACTERISTICS	DISCHARGE LIMITATIONS						MONITORING REQUIREMENTS	
	lbs/day, unless noted			mg/L, unless noted (*1)			MEASUREMENT FREQUENCY	SAMPLE TYPE
POLLUTANT	30-DAY AVG	DAILY MAX	7-DAY AVG	30-DAY AVG	DAILY MAX	7-DAY AVG		
Flow	Report MGD	Report MGD	Report MGD	***	***	***	Daily	Totalizing Meter
Biochemical Oxygen Demand, 5-day	18	N/A	27	10	N/A	15	Twice/Month (*3)	3-Hour Composite
Biochemical Oxygen Demand, 5-day % removal	≥85%	N/A	N/A	N/A	N/A	N/A	Twice/Month (*3)	Calculation (*2)
Total Suspended Solids (TSS)	27	N/A	42	15	N/A	23	Twice/Month (*3)	3-Hour Composite
Total Suspended Solids % removal	≥85%	N/A	N/A	N/A	N/A	N/A	Twice/Month (*3)	Calculation (*2)
Temperature	N/A	N/A	N/A	Report	Report	N/A	Twice/Month	Grab
Ammonia-Total, as N (NH ₃)	N/A	N/A	N/A	Report	Report	N/A	Three/Term (*5)	Grab
Fecal Coliform Bacteria	N/A	N/A	N/A	200 (*4)	N/A	400 (*4)	Twice/Month (*3)	Grab
Total Residual Chlorine	N/A	N/A	N/A	N/A	11 µg/l	N/A	Twice/Month	Instantaneous Grab (*7)
Oil and Grease	N/A	N/A	N/A	15	N/A	N/A	Twice/Month (*3)	Grab
Dissolved Oxygen	N/A	N/A	N/A	Report	Report	N/A	Twice/Month (*7)	Grab
Total Dissolved Solids (TDS)	N/A	N/A	N/A	Report	Report	N/A	Three/Term (*5)	Grab
Total Kjeldahl Nitrogen	N/A	N/A	N/A	Report	Report	N/A	Three/Term (*5)	Grab
Nitrate plus Nitrite Nitrogen	N/A	N/A	N/A	Report	Report	N/A	Three/Term (*5)	Grab
Phosphorus (total)	N/A	N/A	N/A	Report	Report	N/A	Three/Term (*5)	Grab

EFFLUENT CHARACTERISTICS		DISCHARGE LIMITATIONS		MONITORING REQUIREMENTS	
		Standard Units			
POLLUTANT	STORET CODE	MINIMUM	MAXIMUM	MEASUREMENT FREQUENCY	SAMPLE TYPE
pH	00400	6.0	8.5	Daily	Instantaneous Grab (*7)

Footnotes:

- *1 See Part II. Section A. Minimum Quantification Level (MQL) of permit.
- *2 Percent removal is calculated using the following equation: (average monthly influent concentration – average monthly effluent concentration) / average monthly influent concentration.
- *3 Sampling at least two weeks apart.
- *4 Colony forming units (cfu) per 100 mL
- *5 Sampling is to be performed in years 2, 3, and 4 of the permit lifetime.
- *6 Record the daily maxima and minima associated with Outfall 001.
- *7 Instantaneous grab is a field measurement that is the analysis of a sample less than 15 minutes from the time of collection.

A. FLOATING SOLIDS, VISIBLE FOAM AND/OR OILS

There shall be no discharge of floating solids or visible foam in other than trace amounts. There shall be no discharge of visible films of oil, globules of oil, grease or solids in or on the water, or coatings on stream banks.

Samples taken in compliance with the monitoring requirements specified above shall be taken at the discharge from the final treatment unit prior to the receiving stream.

B. SCHEDULE OF COMPLIANCE

No compliance schedule are required in this permit.

C. MONITORING AND REPORTING (MINOR DISCHARGERS)

Monitoring information shall be on Discharge Monitoring Report Form(s) EPA 3320-1 as specified in Part III.D.4 of this permit and shall be submitted quarterly. Each quarterly submittal shall include separate forms for each month of the reporting period.

1. Reporting periods shall end on the last day of the months March, June, September, and December.
2. The permittee is required to submit regular quarterly reports as described above postmarked no later than the 28th day of the month following each reporting period in accordance with the requirements of Part II.D.
3. If any 7-day average or daily maximum value exceeds the effluent limitations specified in Part I.A, the permittee shall report the excursion in accordance with the requirements of Part III.D.
4. Any 30-day average, 7-day average, or daily maximum value reported in the required Discharge Monitoring Report which is in excess of the effluent limitation specified in Part I.A shall constitute evidence of violation of such effluent limitation and of this permit.
5. The permittee shall report all overflows with the Discharge Monitoring Report submittal. These reports shall be summarized and reported in tabular format. The summaries shall include: the date, time, duration, location, estimated volume, and cause of the overflow; observed environmental impacts from the overflow; actions taken to address the overflow; and ultimate discharge location if not contained (e.g., storm sewer system, ditch, tributary). Any noncompliance which may endanger health or the environment shall also be orally reported to the Environmental Protection Agency at (214) 665-6595, and the Louisiana

Department Environment Department at (225) 925-6595, as soon as possible, but within 12 hours from the time the permittee becomes aware of the circumstance. A written report of overflows which endanger health, or the environment shall be provided to EPA and LDEQ within 5 days of the time the permittee becomes aware of the circumstance.

D. OVERFLOW REPORTING

The permittee shall report all overflows with the DMR submittal. These reports shall be summarized and reported in tabular format. The summaries shall include date, time, duration, location, estimated volume, and cause of the overflow. They shall also include observed environmental impacts from the overflow; actions taken to address the overflow; and, the ultimate discharge location if not contained (e.g., storm sewer system, ditch, tributary).

Overflows that endanger health or the environment shall be orally reported to EPA at (214) 665-6595 and LDEQ at (225)925-6595, within 12 hours from the time the permittee becomes aware of the circumstance. A written report of overflows that endanger health or the environment shall be provided to EPA and LDEQ within 5 days of the time the permittee becomes aware of the circumstance.

E. POLLUTION PREVENTION REQUIREMENTS

The permittee shall institute a program within 12 months of the effective date of the permit (or continue an existing one) directed towards optimizing the efficiency and extending the useful life of the facility. The permittee shall consider the following items in the program:

- a. The influent loadings, flow and design capacity;
- b. The effluent quality and plant performance;
- c. The age and expected life of the wastewater treatment facility's equipment;
- d. Bypasses and overflows of the tributary sewerage system and treatment works;
- e. New developments at the facility;
- f. Operator certification and training plans and status;
- g. The financial status of the facility;
- h. Preventative maintenance programs and equipment conditions and;
- i. An overall evaluation of conditions at the facility.

PART II - OTHER CONDITIONS

A. MINIMUM QUANTIFICATION LEVEL (MQL)

The permittee shall use sufficiently sensitive EPA-approved analytical methods (under 40 CFR part 136 or required under 40 CFR chapter I, subchapters N or O) when quantifying the presence of pollutants in a discharge for analyses of pollutants or pollutant parameters under the permit. In case the approved methods are not sufficiently sensitive to the limits, the most sufficiently sensitive methods (lowest minimum levels) must be used as defined under 40 CFR 122.44(i)(1)(iv)(A). The following pollutants may not have EPA approved methods with a published ML at or below the effluent limit, if specified:

POLLUTANT	CAS Number	STORET Code
Total Residual Chlorine	7782-50-5	50060
Cadmium	7440-43-9	01027
Silver	7440-22-4	01077
Thallium	7440-28-0	01059
Cyanide	57-12-5	78248
Dioxin (2,3,7,8-TCDD)	1764-01-6	34675
4, 6-Dinitro-0-Cresol	534-52-1	34657
Pentachlorophenol	87-86-5	39032
Benzidine	92-87-5	39120
Chrysene	218-01-9	34320
Hexachlorobenzene	118-74-1	39700
N-Nitrosodimethylamine	62-75-9	34438
Aldrin	309-00-2	39330
Chlordane	57-74-9	39350
Dieldrin	60-57-1	39380
Heptachlor	76-44-8	39410
Heptachlor epoxide	1024-57-3	39420
Toxaphene	8001-35-2	39400

For pollutants listed on Appendix A of Part II with MQL's, analyses may be performed to the listed MQL. If any individual analytical test result is less than the MQL listed, a value of zero (0) may be used for that pollutant result for the Discharge Monitoring Report (DMR) reporting requirements.

In addition, any additional pollutant sampling for purposes of this permit, including renewal applications or any other reporting, may be tested to the MQL, permit limit(s) or the state WQS. Results of analyses that are less than the listed MQL, permit limit(s) or the state WQS may be reported as "non-detect."

Upon written approval by the EPA Region 6 NPDES Permits Branch (6WQ-P), the effluent specific MQL may be utilized by the permittee for all future DMR reporting requirements until/or unless changes are required for adoption of a lower MQL

B. 24-HOUR ORAL REPORTING: DAILY MAXIMUM LIMITATION VIOLATIONS

Under the provisions of Part III.D.7.b.(3) of this permit, violations of daily maximum limitations for the following pollutants shall be reported orally to EPA Region 6, Compliance and Assurance Division, Water Enforcement Branch (6EN-W), Dallas, Texas, and concurrently to LDEQ within 24 hours from the time the permittee becomes aware of the violation followed by a written report in five days.

Fecal Coliform Bacteria
TRC

C. PERMIT MODIFICATION AND REOPENER

In accordance with 40 CFR Part 122.44(d), the permit may be reopened and modified during the life of the permit if relevant portions of the Louisiana Surface Water Quality Standards are revised, or if Louisiana and/or Coushatta Tribe water quality standards are established and/or remanded.

In accordance with 40 CFR Part 122.62(s)(2), the permit may be reopened and modified if new information is received that was not available at the time of permit issuance that would have justified the application of different permit conditions at the time of permit issuance. Permit modifications shall reflect the results of any of these actions and shall follow regulations listed at 40 CFR Part 124.5.

D. E-REPORTING

Monitoring results shall be reported to EPA on either the electronic or paper Discharge Monitoring Report (DMR) approved formats. Monitoring results can be submitted electronically in lieu of the paper DMR Form. All DMRs shall be electronically reported effective December 21, 2016 per 40 CFR 127.16. To submit electronically, access the NetDMR website at www.epa.gov/netdmr and contact the R6NetDMR@epa.gov in-box for further instructions. Until you are approved for Net DMR, you must report on the Discharge Monitoring Report (DMR) Form EPA No. 3320-1 in accordance with the "General Instructions" provided on the form. No additional copies are needed if reporting electronically, however when submitting paper form EPA No. 3320-1, the permittee shall submit the original DMR signed and certified as required by Part III.D.11 and all other reports required by Part III.D. to the EPA as required (See Part III.D.IV of the permit). Reports shall be submitted quarterly as Part I.C.

E. CONTRIBUTING INDUSTRIES AND PRETREATMENT REQUIREMENTS

1. The following pollutants may not be introduced into the treatment facility:
 - a. Pollutants which create a fire or explosion hazard in the publicly owned treatment

- works (POTW), including, but not limited to, wastestreams with a closed cup flashpoint of less than 140E F or 60E C using the test methods specified in 40 CFR 261.21;
- b. Pollutants which will cause corrosive structural damage to the POTW, but in no case discharges with pH lower than 5.0, unless the works are specifically designed to accommodate such discharges;
 - c. Solid or viscous pollutants in amounts which will cause obstruction to the flow in the POTW, resulting in Interference;
 - d. Any pollutant, including oxygen demanding pollutants (e.g., BOD), released in a discharge at a flow rate and/or concentration which will cause Interference with the POTW;
 - e. 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 treatment plant exceeds 40E C (104E F) unless the Approval Authority, upon request of the POTW, approves alternate temperature limits.
 - f. Petroleum oil, non-biodegradable cutting oil, or products of mineral oil origin in amounts that will cause interference or pass through.
 - g. 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; and
 - h. Any trucked or hauled pollutants, except at discharge points designated by the POTW.
2. The permittee shall require any indirect discharger to the treatment works to comply with the reporting requirements of Sections 204(b), 307, & 308 of the Act, and requirements established under 40 CFR 403.
 3. The permittee shall provide adequate notice of the following:
 - a. Any new introduction of pollutants into the treatment works from an indirect discharger which would be subject to Sections 301 and 306 of the Act if it were directly discharging those pollutants; and
 - b. Any substantial change in the volume or character of pollutants being introduced into the treatment works by a source introducing pollutants into the treatment works at the time of issuance of the permit.

Any notice shall include information on (i) the quality and quantity of effluent to be introduced into the treatment works, and (ii) any anticipated impact of the change on the quality or quantity of effluent to be discharged from the POTW.