DRAFT

AUTHORIZATION TO DISCHARGE UNDER THE OKLAHOMA POLLUTANT DISCHARGE ELIMINATION SYSTEM

PERMIT NUMBER: OK0100617
ID NUMBER: W20651

PART I

In compliance with the Oklahoma Pollutant Discharge Elimination System (OPDES) Act, Title 27A OS § 2-6-201, *et seq.,* as amended, and the rules of the Oklahoma Department of Environmental Quality (DEQ) adopted thereunder (see the Oklahoma Administrative Code (OAC) 252:606); the Federal Clean Water Act (CWA), Public Law 95-217 (33 USC 125, *et seq.*), Section 402; and the National Pollutant Discharge Elimination System (NPDES) regulations at Title 40 of the Code of Federal Regulations (CFR) Parts 122 and 124),

Otoe-Missouria Tribe of Indians
8151 Hwy 177
Red Rock, OK, 74651

is hereby authorized to discharge treated wastewater from the Otoe-Missouria Water Treatment Plant located at approximately

SE ¼, SW ¼, SW ¼ of the Section 11,
Township 23 North, Range 2 East, IM,
Noble County, Oklahoma

to receiving waters: unnamed tributary to Red Rock Creek River at the point located at approximately

Latitude: 36º 28' 43.575" N [GPS: NAD83]
Longitude: 97º 03' 54.522" W [GPS: NAD83]

Waterbody ID # OK121510010020_00

in accordance with effluent limitations, monitoring requirements and other conditions set forth in Parts I, II, III, and IV hereof.

This permit replaces and supersedes the previous permit issued on April 2, 2018.

The issuance date of this permit is Month Date Year.

This permit shall become effective Month Date Year.

This permit and authorization to discharge shall expire at midnight Month Date Year.

For the Oklahoma Department of Environmental Quality:

Michael B. Moe, P.E., Manager
Municipal Discharge and Stormwater Permits Section
Water Quality Division

Shellie R. Chard, Director
Water Quality Division

A. Effluent Limitations and Monitoring Requirements (Outfall 001)

1. Final Limitations

Beginning the effective date of the permit through the expiration date of the permit, the permittee is authorized to discharge treated filter backwash water in accordance with the following limitations:

Effluent Characteristic	Discharge Limitations			Monitoring Requirements	
	Mass Loading (lb/day)	Concentrations (mg/L, unless otherwise specified)		Frequency [a]	Sample Type
	Monthly Avg.	Monthly Avg.	Daily Max.		
Flow (mgd) [STORET: 50050]	---	Report	Report	2/week	Instantaneous
Total Suspended Solids (TSS) [STORET: 00530]	3.5	20.0	30.0	1/month [b]	Grab
Iron, Dissolved [STORET: 01046]	0.17	1.0	2.0	1/month [b]	Grab
Aluminum, Dissolved [STORET: 01106]	0.17	1.0	2.0	1/month [b]	Grab
Manganese, Dissolved [STORET: 01056]	0.17	1.0	2.0	1/month [b]	Grab
pH (s.u.) [STORET: 00400]	---	6.5 – 9.0		2/week	Grab
Total Residual Chlorine (TRC) [STORET: 50060]	---	---	No measurable (<0.1 mg/L)	1/week	Grab

[a] When discharging.
[b] Readings may be averaged for the month if an individual sample is in excess of the monthly average.

2. Sampling Point

Samples taken for compliance with the monitoring requirements specified above shall be taken at the discharge from the final treatment unit.

3. Year-round Requirements

- There shall be no discharge of floating solids or visible foam in other than trace amounts.
- There shall be no discharge of a visible sheen of oil or globules of oil or grease on or in the water. Oil and grease shall not be present in quantities that adhere to stream banks and coat bottoms of water courses or which cause deleterious effects to the biota.
- All monitoring and reporting requirements shall also be in compliance with Part III of this permit.

B. Reporting of Monitoring Results

Monitoring results shall be reported in accordance with the provisions of Part III.B.5 of the permit. Monitoring results obtained during the previous month shall be summarized and electronically reported on an electronic Discharge Monitoring Report (eDMR) form due to the Oklahoma Department of Environmental Quality, Water Quality Division, Wastewater Compliance Tracking Section no later than the 15th day of the month following the completed monthly test. If no discharge occurs during the reporting period, an eDMR form stating "No Discharge" shall be electronically submitted according to the above schedule. Instructions on how to register as a Preparer or Signatory for eDMRs, as well as how to prepare and submit eDMRs, can be found on DEQ's website at https://www.deq.ok.gov/water-quality-division/electronic-reporting/. Assistance is also available by contacting DEQ at (405) 702-8100 or email deqreporting@deq.ok.gov.

The first report is due on the 15th of MONTH, 2023.

C. Reclaimed Water Limitations and Monitoring Requirements for Water Reuse

Not applicable.

PART II. OTHER PERMIT REQUIREMENTS

A. The permittee is hereby given notice that this permit is in all respects subject to compliance with and actions under any and all applicable and relevant terms, conditions, provisions and requirements and any and all amendments of the laws of the State of Oklahoma, DEQ rules, and Oklahoma's Water Quality Standards. The absence of any express reference within this permit of any particular statutory requirement, rule(s), regulation(s), or standard(s) shall in no respect be deemed or construed to exempt or preclude the application of such requirement, rule(s), regulation(s), or standard(s) to this permit or the permittee.

B. All laboratory analyses for the parameters specified in this permit must be performed by a laboratory accredited by DEQ for those parameters.

C. Unless otherwise specified in this permit, monitoring shall be conducted according to analytical, apparatus and materials, sample collection, preservation, handling, etc., procedures listed at 40 CFR Part 136 in effect on the effective date of this permit. Appendices A, B, and C to 40 CFR Part 136 are specifically referenced as part of this requirement. Amendments to 40 CFR Part 136 promulgated after the effective date of this permit shall supersede these requirements as applicable.

D. RESIDUALS/SLUDGE REQUIREMENTS

1. Residuals/sludge shall not be removed from this facility nor shall the facility be closed until a Residuals Management Plan, or Closure Plan if applicable, has received written approval by DEQ. At a minimum, the residuals management plan must demonstrate that those residual disposal practices comply with the DEQ rules governing Residuals Management (OAC 252:626-13).

2. All residuals/sludge must be handled and disposed of in accordance with all applicable state and federal regulations to protect the public health and the environment from any reasonably anticipated adverse effects due to any toxic pollutants that may be present.

3. The permittee is required to maintain all records relevant to residuals disposal for the life of this permit. These records shall be made available to DEQ upon request.

4. The permittee shall give 120 days prior notice to DEQ of any changes in the residuals/sludge disposal practice.

E. RE-OPENER CLAUSE

This permit may be re-opened for modification or revocation and reissuance to require additional monitoring and/or effluent limitations, where actual or potential exceedances of State water quality criteria are determined to be the result of the permittee’s discharge to the receiving water, or a revised total maximum daily load (TMDL) is established for the receiving water, or when required as technology advances. Modification or revocation and reissuance of the permit shall follow regulations listed at 40 CFR § 124.5.