

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

**PERMIT NUMBER: OK0040631
ID NUMBER: I-40000360**

In compliance with the Oklahoma Pollutant Discharge Elimination System (OPDES) Act, 27A O.S. § 2-6-201 *et seq.*, Oklahoma Uniform Environmental Permitting Act, 27A O.S. § 2-14-101 *et seq.*, and the rules of the Oklahoma Department of Environmental Quality (DEQ) promulgated thereunder,

The Kansas City Southern Railway Company dba CPKC
427 W 12th Street
Kansas City, MO 64105

is authorized to discharge from the Heavener Rail Yard, located in the:

SE¼, SE¼, NW¼, Section 18, Township 5 North (N), Range 26 East, Indian
Meridian (EIM), LeFlore County, Oklahoma
or at 403 West 1st Street, Heavener, OK 74937

to receiving water identified as: unnamed tributary to Coal Creek, stream segment 220100, Water Body ID OK220100010220_00, in LeFlore County, Oklahoma.

from: Outfall 002:

Latitude 34.907199° N, Longitude 94.602651° W (GPS: NAD83)
SE¼, SE¼, NW¼, Section 18, Township 5 N, Range 26 EIM,
LeFlore County, Oklahoma

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

The above-referenced facility is also authorized to retain wastewater in one (1) flow-through surface impoundment (F01), as described in the Appendix. Surface impoundments shall be maintained in accordance with Parts I, II, and III, hereof.

Issuance of this Permit in no way or in any respect affects the permittee's civil or criminal responsibility regarding disposal and/or discharges of wastewater, except with respect to the permittee's legal responsibility under the OPDES Act and Department Rules.

This Permit replaces and supersedes the previous permit issued on June 15, 2021.

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:

Jason Ma, P.E., Manager
Industrial Permits Section
Water Quality Division

George Russell IV, Director
Water Quality Division

PART I
EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

SECTION A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Outfall 002

Limitations, Reporting Requirements and Monitoring

During the period beginning on the effective date and lasting through the expiration date, the permittee is authorized to discharge from Outfall 002. The discharge will consist of treated stormwater runoff from the track pans, truck unloading drip pad, tank containment areas, locomotive cooling water, and fuel track French drain.

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

Effluent Limitations – Outfall 002

PARAMETERS	DISCHARGE LIMITATIONS			
	MASS LOADING LIMITS (lbs/day unless otherwise specified)		CONCENTRATION LIMITS (mg/L unless otherwise specified)	
	MONTHLY AVERAGE	DAILY MAXIMUM	MONTHLY AVERAGE	DAILY MAXIMUM
Flow STORET: 50050	Report (MGD) ⁽¹⁾	Report (MGD) ⁽¹⁾	---	---
Oil and Grease STORET: 00556	---	---	Report	15
Total Organic Carbon (TOC) STORET: 00680	---	---	75	95
Total Suspended Solid (TSS) STORET: 00530	---	---	Report	45
Gasoline Range Organics (GRO) STORET: 04584	---	---	Report	Report
Diesel Range Organics (DRO) STORET: 49922	---	---	Report	45
pH STORET: 00400	---	---	between 6.5 and 9.0 s.u.	

⁽¹⁾ Million gallons per day.

Monitoring Requirements – Outfall 002

PARAMETERS	MEASUREMENT FREQUENCY *	SAMPLE TYPE
Flow	1/Week	Estimate
Oil and Grease	1/Week	Grab
TOC	1/Month	Grab
TSS	1/Week	Grab
GRO	1/Quarter	Grab
DRO	1/Quarter	Grab
pH	1/Week	Grab

* When discharging.

NOTE: See Parts II and III for Additional Requirements.

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 watercourses.

There shall be no discharge of floating solids or visible foam in other than trace amounts.

The discharge shall not contain chemical, physical, or biological substances in concentrations that are irritating to skin or sense organs or are toxic or cause illness upon ingestion by human beings.

Samples for Outfall 002 taken in compliance with the monitoring requirements specified above shall be taken at the following location:

Outfall 002: Effluent pipe (145 feet south of F01) located in the SE¼, SE¼, NW¼, Section 18, Township 5 N, Range 26 EIM, LeFlore County, Oklahoma, or at Latitude 34.907199° N, Longitude 94.602651° W (GPS: NAD83).

SECTION B. SCHEDULE OF COMPLIANCE

The permittee shall achieve compliance with the effluent limitations specified for discharges in accordance with the following schedule: None.

SECTION C. REPORTING OF MONITORING RESULTS

Monitoring results shall be reported in accordance with the provisions of Part III, Section E(4) of the Permit. Monitoring results obtained during the previous month shall be summarized and electronically reported on an electronic Discharge Monitoring Report (DMR) 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, a DMR form stating "No Discharge" shall be electronically submitted according to the above schedule. Instructions on how to register as a "Preparer" or "Signatory" for DMRs, as well as how to prepare and submit DMRs, can be found on DEQ's website at <https://oklahoma.gov/deq/divisions/water-quality/wastewater-stormwater/electronic-reporting.html>. Assistance is also available by contacting DEQ at (405) 702-8100 or deqreporting@deq.ok.gov.

The first report is due on _____, 2026.

PART II

OTHER PERMIT REQUIREMENTS

A. REGULATORY NOTICE

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, the rules of DEQ, 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. By the Director's approval, grant and issuance of this Permit, permittee acknowledges receipt of true, correct, and current copies of Oklahoma's Water Quality Standards, and the rules of DEQ.

B. REOPENER CLAUSE

This Permit may be reopened 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(s), or a Total Maximum Daily Load is established for the receiving stream(s), or when required as technology advances. Modification or revocation and reissuance of the Permit shall follow regulations listed at 40 C.F.R. § 124.5.

C. LABORATORY ACCREDITATION

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

D. ANALYTICAL REQUIREMENTS

Unless otherwise specified in this Permit, effluent and/or upstream monitoring shall be conducted according to analytical, apparatus and materials, sample collection, preservation, handling, etc., procedures listed in 40 C.F.R. Part 136. Appendices A, B, and C to 40 C.F.R. Part 136 are specifically referenced as part of this requirement. Amendments to 40 C.F.R. Part 136 promulgated and incorporated by reference in OAC 252:606-1-3(b)(7) after the effective date of this Permit shall supersede these requirements as applicable.

E. MINIMUM QUANTIFICATION LEVEL

If any individual analytical test result taken for compliance with this Permit is a non-detect, then the detection limit shall be used for DMR calculations. Any time a non-detect value is used for DMR calculations, the value reported on the DMR shall use the less than sign (<).

F. SURFACE IMPOUNDMENT REQUIREMENTS

A minimum freeboard of one (1) foot shall be maintained for surface impoundment F01.

The Permit may be reopened to implement and/or require impoundment modifications, additions, extensions, and/or operational changes; additional monitoring and reporting (including but not necessarily limited to soil sampling); reclassification of wastes; sludge management plans; best management practices; closure plans; remediation and/or remediation plans; monitoring wells and/or subsurface monitoring plans; and/or other appropriate actions.

At such time as surface impoundment F01 is to be permanently taken out of service or at such time as the contents of F01 pose a risk to the environment or waters of the state, the owner or operator of the facility shall follow all closure requirements contained in OAC 252:616-13.

In all other respects, F01 shall be subject to standard conditions for surface impoundment contained in OAC 252:616, Subchapters 5, 7, and 13, including but not limited to requirements for construction, operation, maintenance, monitoring, and closure.

G. LAND APPLICATION

Not Applicable.

H. OTHER DISPOSAL METHODS

Solids, sludges, filter backwash, or other pollutants removed in the course of treatment or control of wastewater shall be disposed of at a state approved industrial waste disposal site or to a company for recycling.

If any such industrial waste is removed from the facility, the permittee shall keep accurate records which include the following information:

- a. Name and address of company hauling waste;
- b. The type and amount of waste hauled; and
- c. The final disposal site of waste hauled.

Upon request, the above records shall be made available to DEQ staff for inspection, review, and copying.

APPENDIX

Description of Wastewater Treatment/Disposal Surface Impoundments (S.I.s)

Classification OAC 252:616-1-2		Liner Requirements OAC 252:616-7-2(b)	Holding Capacity and/or Dimensions OAC 252:616-7-1(6) ⁽³⁾	Wastewater Destination
S.I. ⁽¹⁾	Wastewater			
F01 ⁽²⁾	Treated stormwater runoff. - Class III.	Concrete	54.6 ft x 12.3 ft x 10.5 ft (4-cells) 40,040 gallons	Outfall 002

⁽¹⁾ Designation F refers to a flow-through surface impoundment.

⁽²⁾ F01 was previously designated as tank system S01.

⁽³⁾ Based on supplemental information received on April 9, 2026. Freeboard requirements in Part II.F. must be met.

Location of Surface Impoundment(s)

S.I.	Legal Location	General Location and Description
F01	NE¼, SE¼, NW¼ Section 18, Township 5N, Range 26 EIM LeFlore County, Oklahoma	0.1 miles south of Old Pike Rd/Industrial Rd crossroads and 30 feet east of railroad tracks.

Map of Surface Impoundment F01, Outfall 002, and Sampling Location



