

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

**PERMIT NUMBER: OK0043885
ID NUMBER: I-48000280**

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 promulgated thereunder,

Weyerhaeuser Company
5500 NW Texas St
Idabel, OK 74745

is authorized to discharge from their facility, located in the:

S½ of Section 23, Township 7S, Range 23EIM
McCurtain County, Oklahoma
or at 5500 NW Texas St, Idabel, OK 74745

to receiving waters identified as an Unnamed Tributary of Perry Creek, stream segment 410100, Water Body ID OK410100010380_00, in McCurtain County, Oklahoma

from: Outfall 001:

Latitude 33.928599°, Longitude -94.873467° (GPS: NAD83)
SE¼, NE¼, SW¼, Section 23, Township 7S, Range 23EIM,
McCurtain 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 eleven (11) flow-through surface impoundments (F01-F11), and one (1) total retention surface impoundment (T01), as described in the Appendix. Surface impoundments shall be maintained in accordance with Parts I, II, and IV, 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 13, 2017.

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:

Carol Paden, P.E., Manager
Industrial Permits Section
Water Quality Division

Shellie R. Chard, Director
Water Quality Division

**PART I
 EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS**

SECTION A. EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Outfall 001

Limitations, Reporting Requirements and Monitoring

During the period beginning the effective date and lasting through the expiration date, the permittee is authorized to discharge from Outfall 001. The discharge will consist of runoff from the wet deck area.

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

Effluent Limitations – Outfall 001

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⁾	--	--
Total Suspended Solid (TSS) STORET: 00530	--	--	--	45
pH STORET: 00400	N/A	N/A	between 6.5 and 9.0 s.u.	

⁽¹⁾ Million gallons per day.

Monitoring Requirements – Outfall 001

PARAMETERS	MEASUREMENT FREQUENCY *	SAMPLE TYPE
Flow	1/2 weeks	Estimate
Total Suspended Solids	1/month	Grab
pH	1/month	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 001 taken in compliance with the monitoring requirements specified above shall be taken at the following location:

Outfall 001: At the outlet pipe from surface impoundment F10, SE¼, NE¼, SW¼, Section 23, Township 7S, Range 23EIM, McCurtain County, Oklahoma, or at Latitude 33.928599°, Longitude -94.873467° (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.E.4 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 deqreporting@deq.ok.gov.

The first report is due on _____, 2022.

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 the Oklahoma Department of Environmental Quality, 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 the Oklahoma Department of Environmental Quality.

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 the Oklahoma Department of Environmental Quality 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 at 40 C.F.R. Part 136 in effect on the effective date of this permit. 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 into OAC 252:606-1-3(b)(7) after the effective date of this permit shall supersede these requirements as applicable.

E. MINIMUM QUANTIFICATION LEVEL (MQL)

If any individual analytical test result taken for compliance with this permit is less than the corresponding minimum quantification level listed in OAC 252:690 Appendix B, a value of zero (0) may be used for that individual result for the DMR calculations and reporting requirements.

F. SURFACE IMPOUNDMENT REQUIREMENTS

A minimum freeboard of one (1) foot shall be maintained for surface impoundments T01, F01-F08, and F11. A minimum of two and a half (2.5) feet shall be maintained for surface impoundments F09 and F10.

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 impoundments F01-F11 and/or T01 are to be permanently taken out of service or at such time as the contents of F01-F11 and/or T01 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-F11 and T01 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 in a state approved industrial waste disposal site or to a company for recycling.

If any such industrial wastes are 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 the staff of the Department 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) ^b	Wastewater Destination
S.I. ^a	Wastewater			
F01	Wood ash from Kiln 1 with slurry Class II	Concrete	Total capacity of F01 and F02 = 2614 gallons F01 and F02 is made up of 3 areas: Area 1: ~18'x9'x3' Area 2: ~18'x2'x3' Area 3: ~18'x0.5'x1'	F03
F02	Wood ash from Kiln 2 with slurry Class II	Concrete		F03
F03	Wastewater from F01 and F02 Class II	Concrete	2800 gallons ~12'x6'x5'	Hopper
F04	Kiln condensate from Kiln 1 Class III	Concrete	Total capacity of F04 and F05 = 2390 gallons ~7'x7'x6.5'	F05
F05	Kiln condensate from Kiln 2 and F04 Class III	Concrete		Discharged to City of Idabel POTW
F06	Wood ash from Kiln 3 with slurry Class II	Concrete	2614 gallons from three areas	F07
F07	Wastewater from F06 Class II	Concrete	1800 gallons ~8'x6'x5'	Hopper
F08	Kiln condensate from kiln 3 Class III	Concrete	2390 gallons ~7'x7'x6.5'	Discharged to City of Idabel POTW
F09	Runoff from the wet deck area and stormwater runoff Class III	Native Clay	100,000 gallons ~140'x70'x5'	F10
F10	Overflow from F09 and stormwater runoff Class III	Native Clay	750,000 gallons ~180'x155'x7'	Recycle and Outfall 001
F11	Kiln condensate from kiln 4, Class III.	Concrete	6,000 gallons ~3'x3'x4'	Discharged to City of Idabel POTW
T01	Washdown from facility mobile equipment Class III	Concrete	3412 gallons from three areas	Total retention/ Discharged to City of Idabel POTW

^a Designation F refers to a flow-through surface impoundment.
 Designation T refers to total retention surface impoundment.

^b Based on information provided in application. Freeboard requirements in Part II.F must be met.

Location of Surface Impoundments

S.I.	Legal Location	General Location and Description
F01	SW ¹ / ₄ , NW ¹ / ₄ , SE ¹ / ₄ , Section 23, T7S, R23EIM, McCurtain County, Oklahoma	Kiln #1 Burner Ash Basin located beneath the Kiln #1 burner
F02	SW ¹ / ₄ , NW ¹ / ₄ , SE ¹ / ₄ , Section 23, T7S, R23EIM, McCurtain County, Oklahoma	Kiln #2 Burner Ash Basin located beneath the Kiln #2 burner
F03	SW ¹ / ₄ , NW ¹ / ₄ , SE ¹ / ₄ , Section 23, T7S, R23EIM, McCurtain County, Oklahoma	Kiln #1 and #2 Burner Ash Basin Pit located between the Kiln #1 and Kiln #2 burners
F04	SW ¹ / ₄ , NW ¹ / ₄ , SE ¹ / ₄ , Section 23, T7S, R23EIM, McCurtain County, Oklahoma	Kiln #1 Condensate Receiver Tank located approximately 15' west of Kiln #1
F05	SW ¹ / ₄ , NW ¹ / ₄ , SE ¹ / ₄ , Section 23, T7S, R23EIM, McCurtain County, Oklahoma	Kiln #2 Condensate Receiver Tank located approximately 15' east of Kiln #2
F06	SW ¹ / ₄ , NW ¹ / ₄ , SE ¹ / ₄ , Section 23, T7S, R23EIM, McCurtain County, Oklahoma	Kiln #3 Burner Ash Basin located beneath the Kiln #3 burner
F07	SW ¹ / ₄ , NW ¹ / ₄ , SE ¹ / ₄ , Section 23, T7S, R23EIM, McCurtain County, Oklahoma	Kiln #3 Burner Ash Basin Pit located adjacent to F06
F08	SW ¹ / ₄ , NW ¹ / ₄ , SE ¹ / ₄ , Section 23, T7S, R23EIM, McCurtain County, Oklahoma	Kiln #3 Condensate Receiver Tank located near Kiln #3
F09	SW ¹ / ₄ , NW ¹ / ₄ , SE ¹ / ₄ , Section 23, T7S, R23EIM, McCurtain County, Oklahoma	Stormwater Pond located immediately north of the wet deck
F10	SW ¹ / ₄ , NW ¹ / ₄ , SE ¹ / ₄ , Section 23, T7S, R23EIM, McCurtain County, Oklahoma	Stormwater Pond located immediately north of F09
F11	SW ¹ / ₄ , NW ¹ / ₄ , SE ¹ / ₄ , Section 23, T7S, R23EIM, McCurtain County, Oklahoma	Kiln #4 Condensate Receiver Tank located west of Kiln #4
T01	SW ¹ / ₄ , NW ¹ / ₄ , SE ¹ / ₄ , Section 23, T7S, R23EIM, McCurtain County, Oklahoma	Mobile Equipment Wash down Pad Pit located in the southeast corner of the facility, approximately 85 feet south of the shop and immediately adjacent to the mobile equipment washdown pad.