

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

**PERMIT NUMBER: OK0043451
ID NUMBER: I-51001710**

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,

Owens-Brockway Glass Container, Inc.
P.O. Box 8
Muskogee, OK 74402

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

N½, NW¼, NW¼, Section 19, Township 15N, Range 19EIM
Muskogee County, Oklahoma
or at 2401 Old Shawnee Rd, Muskogee, OK 74403.

to receiving waters identified as: Unnamed Tributary of North Muskogee Creek, stream segment 120410, Waterbody ID OK120410010020, in Muskogee County, Oklahoma

from:

Outfall 02T:

Latitude 35.767694°, Longitude -95.338500° (GPS: NAD83)
SW¼, NW¼, NW¼, Section 19, Township 15N, Range 19E IM,
Muskogee County, Oklahoma

Outfall 04T:

Latitude 35.768556°, Longitude -95.340083° (GPS: NAD83)
NW¼, NW¼, NW¼, Section 19, Township 15N, Range 19E IM,
Muskogee County, Oklahoma

in accordance with effluent limitations, monitoring requirements, and other conditions set forth in 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 23, 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

Limitations, Reporting Requirements and Monitoring for Outfalls 02T and 04T

During the period beginning the effective date and lasting through the expiration date, the permittee authorized to discharge from Outfalls 02T and 04T. The discharge consists of furnace tap quench water from furnace A (through Outfall 04T) and furnace B (through Outfall 02T).

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

Effluent Limitations – Outfalls 02T and 04T

PARAMETERS	DISCHARGE LIMITATIONS				
	MASS LOADING LIMITS (lbs/day unless otherwise specified)		CONCENTRATION LIMITS (mg/L unless otherwise specified)		
	MONTHLY AVERAGE	DAILY MAXIMUM	MONTHLY AVERAGE	WEEKLY AVERAGE	DAILY MAXIMUM
Flow (MGD) ⁽¹⁾ STORET: 50050	Report	Report	---	---	---
Total Suspended Solids STORET: 00530	---	---	17.7	---	35.4
Oil and Grease STORET: 00552	---	---	7.6	---	15.2
Temperature (°C) STORET: 00010	---	---	39.6	46.6	52.0
pH (s.u.) STORET: 00400	---		6.5 – 9.0		

⁽¹⁾ Million gallons per day.

Monitoring Requirements – Outfalls 02T and 04T

PARAMETERS	MEASUREMENT FREQUENCY ⁽¹⁾	SAMPLE TYPE
Flow	1/month	Estimate ⁽²⁾
Total Suspended Solids	1/month	Grab ⁽³⁾
Oil and Grease	1/month	Grab ⁽³⁾
Temperatures	1/month	In situ ⁽³⁾
pH	1/month	Grab ⁽³⁾

⁽¹⁾ Only when discharging furnace tap quench wastewater. If no such discharge occurs in a given calendar month, “no discharge” shall be reported for that calendar month.

⁽²⁾ The permittee shall estimate the flow of furnace tap quench water at six hour intervals for the full duration of the furnace tap-related discharge. Monthly average and daily maximum flows reported shall be the arithmetic average of all six-hour interval flow measurements over the full discharge event and the highest of all such six hour measurements, respectively.

⁽³⁾ Samples shall be collected during the first hour of furnace tap quench wastewater discharge.

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 Outfalls 02T and 04T taken in compliance with the monitoring requirements specified above shall be taken at the following location:

Outfall 02T: At the discharge pipe located in the SW $\frac{1}{4}$, NW $\frac{1}{4}$, NW $\frac{1}{4}$, Section 19, Township 15N, Range 19E IM, Muskogee County, Oklahoma, or at Latitude 35.767694°, Longitude -95.338500° (GPS: NAD83).

Outfall 04T: At the discharge pipe located in the NW $\frac{1}{4}$, NW $\frac{1}{4}$, NW $\frac{1}{4}$, Section 19, Township 15N, Range 19E IM, Muskogee County, Oklahoma, or at Latitude 35.768556°, Longitude -95.340083° (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.

The following table lists minimum quantification levels to be used for the corresponding listed pollutants. If any individual analytical test result taken for compliance with this permit is less than the corresponding minimum quantification level listed in the following table, a value of zero (0) may be used for that individual result for the DMR calculations and reporting requirements.

POLLUTANT	MINIMUM QUANTIFICATION LEVEL
BOD ₅	2 mg/L
COD	20 mg/L
Oil and Grease (HEM)	5 mg/L

F. SURFACE IMPOUNDMENT REQUIREMENTS

Not applicable.

G. LAND APPLICATION

Not Applicable

H. ADDITIONAL/SUPPLEMENTAL TESTING

Because no furnace tap quench wastewater test results were included with the permit renewal application for the parameters required in Item G, tables 1, 2, and 3, of Form 2C, during the next furnace tap operation that results in a discharge through Outfall 02T and/or 04T the facility shall collect a single grab sample, have it tested for the following parameters by a State-accredited lab, and submit the test results to DEQ:

- 5-day Biochemical Oxygen Demand (BOD₅)
- Chemical Oxygen Demand (COD)
- Total Organic Carbon (TOC)
- Ammonia (as N)
- Chloride
- Sulfate (as SO₄)
- Total Dissolved Solids (TDS)

I. 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.