

April 9, 2025

Mr. Chris Browning, Utilities Director  
Oklahoma City Water Utility Trust  
420 West Main, Suite 500  
Oklahoma City, Oklahoma 73102

Re: Oklahoma City Water Utilities Trust  
Permit No. WT000055250186  
High Service Pump Station Electrical Improvements at the Draper Water Treatment Plant  
PWSID No. 1020902  
DWSRF Project No. P40-1020902-12; Loan No. ORF-24-0001-DW

Dear Mr. Browning:

Enclosed is Permit No. WT000055250186 for the construction of electrical improvements at the high service pump station for the Oklahoma City Draper water treatment plant and to provide cooling water for the heating, ventilation, and air conditioning (HVAC) for the high service pump station to serve Oklahoma City Water Utility Trust, Cleveland County, Oklahoma.

The project authorized by this permit should be constructed in accordance with the plans approved by this Department on April 07, 2025. Any deviations from the approved plans and specifications affecting capacity, flow or operation of units must be approved, in writing, by the Department before changes are made.

**RECEIPT OF THIS PERMIT DOES NOT CONSTITUTE AN AUTHORIZATION TO AWARD A CONSTRUCTION CONTRACT UTILIZING FUNDING UNDER THE DRINKING WATER STATE REVOLVING FUND (DWSRF) PROGRAM. DO NOT AWARD A CONSTRUCTION CONTRACT UNTIL YOU ARE AUTHORIZED TO DO SO.**

Receipt of this permit should be noted in the minutes of the next regular meeting of the Oklahoma City Water Utility Trust, after which it should be made a matter of permanent record. We are returning one (1) set of the approved plans to you, one set (1) to your engineer and retaining one (1) set for our files.

Respectfully,



Steven H. Hoffman, P.E.  
Drinking Water State Revolving Fund  
Water Quality Division

SHH/GWC/fl

Enclosure

c: Stephen Henry, Regional Manager, DEQ  
Oklahoma City DEQ Office  
Kendra Alexander, P.E., City of Oklahoma City  
Jeremy Brehm, P.E., Carollo Engineers

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PERMIT No. WT000055250186

WATER TREATMENT

PWSID No. 1020902

PERMIT TO CONSTRUCT

April 7, 2025

Pursuant to O.S. 27A 2-6-304, the Oklahoma City Water Utility Trust is hereby granted this Tier I Permit to construct electrical improvements at the high service pump station for the Oklahoma City Draper water treatment plant and to provide cooling water for the heating, ventilation, and air conditioning (HVAC) for the high service pump station to serve Oklahoma City Water Utilities Trust, located in the SW/4, NW/4 of Section 24, T-10-N, R-2-W, Cleveland County, Oklahoma, in accordance with the plans approved on April 7, 2025.

Sludge will be disposed of in accordance with applicable rules and regulations regarding the disposal of waste sludges.

By acceptance of this permit, the permittee agrees to operate and maintain the facility in accordance with the Public Water Supply Operation rules (OAC 252:631), and to comply with the State Certification laws, Title 59, Section 1101-1116 O.S. and the rules and regulations adopted thereunder regarding the requirement for certified operators.

**Variance**

A variance from OAC 252:626-5-15(b), which states that designs proposing the return of steam condensate, cooling water from engine jackets or other heat exchange devices are not allowed by DEQ, is granted. The variance request is to use water from the Draper water treatment plant for cooling water through a shell-and-tube heat exchanger. The effluent water from the heat exchanger will be returned to the raw water Basin Inlet Structure (BIS) for the Draper water treatment plant. The water entering the HVAC unit will be isolated from the potable water supply with redundant reduced pressure zone (RPZ) backflow prevention devices. The HVAC units will be equipped with Refrigerant Leak Detection Sensors which will be mounted in the compressor section. In the event of a refrigerant leak, the unit controller will begin actions that include automatic shutdown of the compressor. The cooling water system is also designed with shut-off valves which stop water flow when the unit is not in operation. The Draper water treatment plant staff will do preventative maintenance and checks as per the manufacturer's recommendations.

This permit is issued subject to the following provisions and conditions.

- 1) That the recipient of the permit is responsible that the project receives supervision and inspection by competent and qualified personnel.



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- 2) That construction of all phases of the project will be started within one year of the date of approval or the phases not under construction will be resubmitted for approval as a new project.
- 3) That no significant information necessary for a proper evaluation of the project has been omitted or no invalid information has been presented in applying for the permit.
- 4) That the Oklahoma Department of Environmental Quality shall be kept informed on occurrences which may affect the eventual performance of the works or that will unduly delay the progress of the project.
- 5) That the issuing of this permit does not relieve the responsible parties from any damage which may accrue as the result of the location and operation of the plant in this area.
- 6) That before placing this facility into service, at least two samples of the water, taken on different days, shall be tested for bacteria to show that it is safe for drinking purposes.
- 7) That any deviations from approved plans or specifications affecting capacity, flow or operation of units must be approved by the Department before any such deviations are made in the construction of this project.
- 8) That any notations or changes recorded on the official set of plans and specifications in the Oklahoma Department of Environmental Quality files shall be part of the plans as approved.
- 9) That the water leaving the plant will be non-corrosive as determined by a calcium carbonate saturation index (langelier index), and the water shall contain at least 1.0 mg/l free chlorine or 2.0 mg/l of combined chlorine.
- 10) The issuance of this permit does not relieve the responsible parties of any obligations or liabilities which the permittee may be under pursuant to prior enforcement action taken by the Department.
- 11) That the permittee is required to inform the developer/builder that a DEQ Storm Water Construction Permit is required for a construction site that will disturb one (1) acre or more in accordance with OPDES, 27A O.S. 2-6-201 et seq. For

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PERMIT No. WT000055250186

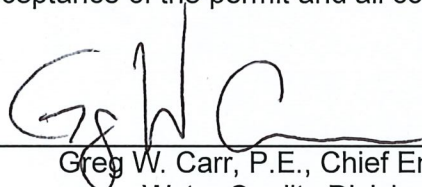
WATER TREATMENT

PWSID No. 1020902

PERMIT TO CONSTRUCT

information or a copy of the GENERAL PERMIT (OKR10) FOR STORM WATER DISCHARGES FROM CONSTRUCTION ACTIVITIES, Notice of Intent (NOI) form, Notice of Termination (NOT) form, or guidance on preparation of a Pollution Prevention Plan, contact the Storm Water Unit of the Water Quality Division at P.O. Box 1677, Oklahoma City, OK 73101-1677 or by phone at (405) 702-8100.

Failure to appeal the conditions of this permit in writing within 30 days from the date of issue will constitute acceptance of the permit and all conditions or provisions.



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Greg W. Carr, P.E., Chief Engineer  
Water Quality Division *RHW*