



SCOTT A. THOMPSON
Executive Director

OKLAHOMA DEPARTMENT OF ENVIRONMENTAL QUALITY

MARY FALLIN
Governor

March 27, 2017

City of Broken Arrow

APR 12 2017

City Manager's Office

Mr. Kenneth Schwab, Assistant City Manager
Broken Arrow Municipal Authority
220 South 1st Street
Broken Arrow, Oklahoma 74012

Re: Permit No. WL000072170156
Water Distribution Storage Tanks Mixing Systems
Facility No. 1021508

Dear Mr. Schwab:

Enclosed is Permit No. WL000072170156 for the construction of mixing systems at Tiger Hill and Battle Creek tanks to serve the City of Broken Arrow, Tulsa County, Oklahoma.

The project authorized by this permit should be constructed in accordance with the plans approved by this Department on March 27, 2017. 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 should be noted in the minutes of the next regular meeting of the Broken Arrow Municipal Authority, after which it should be made a matter of permanent record.

We are returning one (1) set of the approved plans to you, one (1) set to your engineer and retaining one (1) set for our files.

Respectfully,

Qusay R. Kabariti, P.E.
Construction Permit Section
Water Quality Division

QRK/RC/ag

Enclosure

c: Debbie Nichols, Regional Manager, DEQ
REGIONAL OFFICE AT TULSA
Lloyd Stephen Tolar, P.E., Holloway, Updike and Bellen, Inc.





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PERMIT No. WL000072170156

WATER LINES

FACILITY No. 1021508

PERMIT TO CONSTRUCT

March 27, 2017

Pursuant to O.S. 27A 2-6-304, the Broken Arrow Municipal Authority is hereby granted this Tier I Permit to construct mixing systems at Tiger Hill and Battle Creek tanks to serve the City of Broken Arrow, located in Sections 11 and 34, T-19-N, R-14-E, Tulsa County, Oklahoma, in accordance with the plans approved March 27, 2017.

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 requirements for certified operators.

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

- 1) This water line does not provide fire flow.
- 2) That the recipient of the permit is responsible that the project receives supervision and inspection by competent and qualified personnel.
- 3) 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.
- 4) 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.
- 5) 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.
- 6) That wherever water and sewer lines are constructed with spacing of 10 feet or less, sanitary protection will be provided in accordance with Public Water Supply Construction Standards [OAC 252:626-19-2].
- 7) 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.





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- 8) 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.
- 9) That the recipient of the permit is responsible for the continued operation and maintenance of these facilities in accordance with rules and regulations adopted by the Environmental Quality Board, and that this Department will be notified in writing of any sale or transfer of ownership of these facilities.
- 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. Section 2-6-201 *et seq.* For 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.
- 12) 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.
- 13) That water lines shall be located at least fifteen (15) feet from all parts of septic tanks and absorption fields, or other sewage treatment and disposal systems.
- 14) That whenever plastic pipe is approved and used for potable water, it shall bear the seal of the National Sanitation Foundation and meet the appropriate commercial standards.





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- 15) That when it is impossible to obtain proper horizontal and vertical separation as stipulated in Public Water Supply Construction Standards OAC 252:626-19-2(h)(1) and OAC 252:626-19-2(h)(2), respectively, the sewer shall be designed and constructed equal to water pipe, and shall be pressure tested to the highest pressure obtainable under the most severe head conditions of the collection system prior to backfilling.

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 and provisions.

A handwritten signature in blue ink, appearing to read "Rocky Chen", is written over a horizontal line.

Rocky Chen, P.E., Engineering Manager, Construction Permit Section
Water Quality Division

Handwritten initials in blue ink, possibly "QR", are located to the right of the signature line.

