

February 21, 2024

Mr. Robert Johnston, City Manager  
City of Clinton  
P.O. 1177 (415 Gary Boulevard)  
Clinton, Oklahoma 73601

Re: Permit No. WT000075230153  
Clinton Lake WTP - Chlorine Gas Storage and Feed Building System Improvements  
PWSID No. 1010828

Dear Mr. Johnston:

Enclosed is Permit No. WT000075230153 for the construction of one (1) chlorine building for the purpose of housing a chlorine-gas chemical system and its storage and distribution components. The building will consist of three (3) rooms: the chlorine storage room, the chlorine feed room, and the electrical room. The storage room will contain five (5) one-ton chlorine cylinders: one (1) cylinder for service, one (1) cylinder for standby, and three (3) cylinders as spares. The feed room will contain three (3) chlorinators that serve three (3) injection disinfection points: the flash mixer, the filters, and the clearwell. The project will also contain a monorail for moving the cylinders, a generator, an automatic chlorine scrubber, various emergency response equipment, and any piping or process equipment and appurtenances needed for the project as shown in the approved set of plans. The project serves the Clinton Lake WTP - Chlorine Gas Storage and Feed Building, Washita County, Oklahoma.

The project authorized by this permit should be constructed in accordance with the plans approved by this Department on February 21, 2024. 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 City of Clinton, 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,



Magen Kegley, E.I.  
Construction Permit Section  
Water Quality Division

MK/RC/md

Enclosure

c: Bill Kropf, Regional Manager, DEQ  
Weatherford DEQ Office  
Trevin Heisey P.E., Burns & McDonnell Engineering Company, Inc.

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**PERMIT No. WT000075230153**

**WATER TREATMENT**

**PWSID No. 1010828**

**PERMIT TO CONSTRUCT**

February 21, 2024

Pursuant to O.S. 27A 2-6-304, the City of Clinton is hereby granted this Tier I Permit to construct one (1) chlorine building for the purpose of housing a chlorine-gas chemical system and its storage and distribution components. The building will consist of three (3) rooms: the chlorine storage room, the chlorine feed room, and the electrical room. The storage room will contain five (5) one-ton chlorine cylinders: one (1) cylinder for service, one (1) cylinder for standby, and three (3) cylinders as spares. The feed room will contain three (3) chlorinators that serve three (3) injection disinfection points: the flash mixer, the filters, and the clearwell. The project will also contain a monorail for moving the cylinders, a generator, an automatic chlorine scrubber, various emergency response equipment, and any piping or process equipment and appurtenances needed for the project as shown in the approved set of plans. The project serves the Clinton Lake WTP - Chlorine Gas Storage and Feed Building, located in SE 1/4, SW 1/4, Section 16, Township 12 North, Range 17 West, Washita County, Oklahoma, in accordance with the plans approved on February 21, 2024.

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.

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

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

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