

April 25, 2025

Mr. Shawn Wiley, Chairman  
Marshall Co RWD #1  
12428 Chickasaw Pointe Rd  
Kingston, Oklahoma 73439

Re: Draft Permit No. WT000048250122  
POINTE VISTA WATER TREATMENT PLANT System Improvements  
PWSID No. 30004521

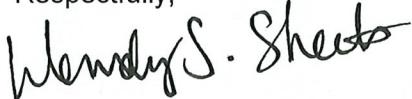
Dear Mr. Wiley:

Enclosed is Draft Permit No. WT000048250122 for the construction of inline static mixer chemical feed vault, four (4) 2-Stage Flocculation, four (4) inclined plate settlers, three (3) GAC vessels, two (2) UF membranes, UV bank medium pressure low ,high service pump station: three (3) vertical turbine pumps with 60 hp capacity, two (2) residual lagoons that discharge to Lake Texoma, lagoon chemical building, residual recycle lift station, two (2) clear wells, two (2) future Dissolved Air Flotation (DAF) to serve the Marshall Co RWD #1, Marshall County, Oklahoma.

Upon receiving the draft permit, complete the enclosed public notice form and return it to DEQ for approval. After DEQ approval of the public notice for issuing a Tier II draft permit, please publish it in a newspaper local to the site. Please provide an affidavit of publication, as soon as possible. At the conclusion of the public notice, please provide ODEQ with a letter stating whether the applicant received any public comments. A copy of the approved plans will be sent to you and your engineer once a final permit is issued. Please keep in mind that Oklahoma Department of Environmental Quality has no responsibility and assumes no responsibility for the cost of publishing this notice by the newspaper.

Oklahoma.

Respectfully,



Wendy S. Sheets, E.I.  
Construction Permit Section  
Water Quality Division

c: Jeff Brents, Regional Manager, DEQ  
DURANT DEQ OFFICE  
Craig T. Reinsch, P.E., Olsson

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DRAFT PERMIT No. WT000048250122

WATER TREATMENT

PWSID No. 30004521

DRAFT PERMIT TO CONSTRUCT

April 25, 2025

Pursuant to O.S. 27A 2-6-304, the Marshall Co RWD #1 is hereby granted this Tier II draft Permit to construct inline static mixer, chemical feed vault, four (4) 2-Stage Flocculation, four (4) inclined plate settlers, three (3) GAC vessels, two (2) UF membranes, UV bank medium pressure low, high service pump station: three (3) vertical turbine pumps with 60 hp capacity, two (2) residual lagoons that discharge to Lake Texoma, lagoon chemical building, residual recycle lift station, two (2) clear wells two (2) future Dissolved Air Flotation (DAF) to serve the POINTE VISTA WATER TREATMENT PLANT, located in NW/4, NE/4 of Section 35, T-6-S, R-4-E, Marshall County, Oklahoma, in accordance with the plans approved on April 25, 2025.

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

By acceptance of this draft 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

The Water Quality Division Variance Committee may revoke any of the below variances at any time if, in the opinion of DEQ, the design does not equal or exceed the protection to environmental or public health compared to the protection provided by the standard which the variances have been granted or in the event that conditions to any variance is not met.

- A variance in accordance OAC 252:626-9-8(a)(3)(c), regulations for tube settlers, to utilize plate settlers as a pretreatment method. DEQ does not currently have regulations for plate settlers. The inclined plate settlers have been pilot tested and proven to work with the water source.
- A variance from OAC 252:626-9(8) in order to utilize dissolved air flotation (DAF) treatment. DAF treatment is not currently addressed in Oklahoma's *Public Water Supply Construction Standards*, *Title 252:626*, but DAF has been used successfully for more than fifty years at several water treatment plants (WTP)

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across the United States. DAF has been pilot tested both in series and parallel and shown to assist in algae or other related contaminant removal.

This draft 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.
- 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.

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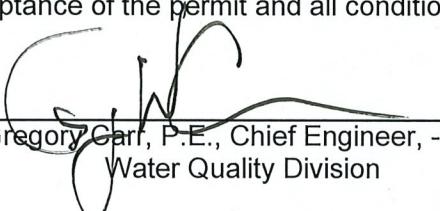
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- 10) The issuance of this permit does not relieve the responsible parties of any obligations or liabilities which the permittee may be under pursuant to prior enforcement action taken by the Department.
- 11) That the permittee is required to inform 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.



Gregory Carl, P.E., Chief Engineer, -WSS  
Water Quality Division