

March 21, 2023

Amy Lathen, General Manager
Cherokee Metropolitan District
6250 Palmer Park Blvd.
Colorado Springs, CO 80915

Subject: Lift Station Site Location Approval Updated
Regulation 22 Site Location No.: 4820
Cherokee Metropolitan District Lift Station 1B Additions
Associated Colorado Discharge Permit System (CDPS) No. COX048348
El Paso County
ES.22.SA.06994

Dear Amy Lathen:

This updated approval supersedes the previously issued version, dated December 19, 2022. The update clarifies the name of the proposed lift station as Lift Station 1B (not Lift Station 1) and updates the firm capacity from 1,798 gpm to 1,800 gpm.

The Water Quality Control Division (Division) has received and reviewed the site location application for the Cherokee Metropolitan District's Lift Station 1B Additions. The lift station is to be located as follows: The Northwest 1/4 of the Northeast 1/4 of Section 18, Township 14 South, Range 65 West, El Paso County. The force-main pumps to a second lift station owned and operated by Cherokee MD, identified as LS2, for a total of 13.2 miles before it discharges into a gravity sewer line that continues to Cherokee MD Water Reclamation Facility (WRF) located on Schriever Space Force Base (SSFB).

The site location application has been found to be in conformance with the Water Quality Control Commission's **Site Location and Design Regulations for Domestic Wastewater Treatment Works, 5 CCR 1002-22** (Regulation 22) and is therefore approved. This site location approval addresses the following summary of the proposed design and the associated conditions:

1. Based upon application information, the lift station will be designed to convey the following:
 - Hydraulic Design Capacity - 1,800 GPM (firm pumping capacity - capacity with the largest unit out of service)
2. The project consists of the following:
 - New lift station including, new concrete wetwell (poured in place), wet well mixers, pump room housing three suction lift pumps with variable frequency drives, low pressure chemical feed for bioxide addition, flow meters, existing back-up/emergency power located at the lift station, emergency storage (via the existing wet well and existing overflow lagoon), and electrical and instrumentation (alarms and monitoring).
3. When a domestic wastewater treatment works (including all domestic wastewater treatment facilities (WWTF) and appurtenances as defined in Regulation 22 - treatment plants, lift stations, etc.) is decommissioned, the decommissioning efforts must be completed in a way that ensures protection of waters of the state and the surrounding environment in accordance with appropriate environmental regulations.
4. At the time of this approval, no geotechnical information was submitted to the Division. Before a process design report (PDR) decision can be made for the project, the necessary geotechnical information must be submitted in order for the Division to make a determination that the site can reasonably be expected to support the proposed treatment works.

This site location approval does not constitute design approval for construction. In accordance with Regulation 22, Section 22.13(1), in addition to approval of the site location application, the applicant must obtain approval of the design of the treatment works from the Division prior to beginning construction.

This site location approval will expire on June 19, 2024. If construction has not commenced by this date, the approval will expire and a new application for site location approval may be required. Construction is defined as entering into a contract for the erection or physical placement of materials, equipment, piping, earthwork or buildings which are to be a part of a treatment works. In cases where the applicant elects to use in-house work forces, construction shall be considered to begin when any actions are initiated towards the previous activities.

In accordance with Regulation 22, Section 22.4(12), this site location approval is subject to appeal pursuant to the State Administrative Procedures Act.

This approval does not relieve the applicant/owner from compliance with all local, state, and federal regulations prior to construction nor from responsibility for proper engineering, construction and operation of the treatment works.

The Engineering Section is interested in gaining feedback about your experience during the engineering review process. We would appreciate your time to complete a Quality-of-Service Survey regarding your experience during the engineering review process leading up to issuance of this decision letter. The Engineering Section will use your responses and comments to identify strengths, target areas for improvement, and evaluate process improvements to better serve your needs. Please take a moment to fill out our survey [here](#).

If you should have any questions, please contact Marty Quinn by phone at 720-257-9083 or by email at martin.quinn@state.co.us.

Sincerely,

Bret Icenogle, P.E.
Engineering Section Manager
Water Quality Control Division
Colorado Department of Public Health and Environment

cc: Jeff Munger, Cherokee MD Engineer
Shawn Puente, Collection System Operator
Joshua Watkins, Treatment Operator and Administrative Contact
Josh McGibbon, JVA
Michael Katalinich, JVA
Micahel LaDue, JVA
Mike Fink, Lower Fountain Water Quality Management Association
Kari Parson, El Paso County
Carl Schueler, City of Colorado Springs
Kat McGarvy, El Paso County Public Health
Samantha Bailey, Pikes Peak Area Council of Governments
Ann Werner, Pikes Peak Area Council of Governments
Doug Camrud, WQCD Engineering Review Unit Manager
David Kurz, WQCD ES Lead Wastewater Engineer