



COLORADO
Department of Public
Health & Environment

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May 15, 2017

Mr. Jim Morley, President
Sterling Ranch Metropolitan District No. 1
20 Boulder Crescent, Suite 102
Colorado Springs, CO 80903

Subject: Site Location Approval No. ES.16.SA.02841
Sterling Ranch Metropolitan District No. 1, Sterling Ranch Lift Station
Associated WWTF CDPS Permit No. COX048348
El Paso County

Dear Mr. Morley:

The Water Quality Control Division (Division) has reviewed and evaluated the site location application package for the Sterling Ranch Metropolitan District No. 1, Sterling Ranch Lift Station project. The facility is to be located as follows: the NW 1/4 of the NW 1/4 of Section 4, Township 13S, Range 65W, in El Paso County. The lift station will discharge to a gravity sewer leading to the Falcon Lift Station, which is owned and operated by the Meridian Service Metropolitan District (Site Location Approval No. 4834 [ES.13.SA.00411]) and Woodmen Hills Metropolitan District (Site Location Approval No. 4406). Through an agreement with Meridian, the wastewater will be conveyed from the Falcon Lift Station to the Cherokee Metropolitan District Water Reclamation Facility for treatment.

The site location application has been found to be in conformance with the Water Quality Control Commission's *Site Location and Design Approval Regulations For Domestic Wastewater Treatment Works*, 5 CCR 1002-22 (Regulation No. 22) and is approved. This site location approval addresses the following summary of the proposed design and associated conditions:

1. Based upon application information, the lift station design will be for:
 - Duplex lift station, equalization/emergency storage, odor control, and force main
 - Hydraulic Design Capacity - 0.200 MGD (maximum month daily average flow)
 - Peak Hydraulic Capacity - 350 GPM (peak hourly flow with equalization)
2. The receiving entity, Cherokee Metropolitan District, is currently under a Compliance Order on Consent (Number MC-140514-1) for failure to comply with permit effluent limits, including Total Dissolved Solids (TDS). Due to the nature of domestic wastewater, the proposed development served by the Sterling Ranch Lift Station has the potential to contribute TDS above the permitted effluent concentration established in the Cherokee Metropolitan District Water Reclamation Facility's discharge permit. To mitigate TDS loads from the Sterling Ranch Lift Station's service area, the Sterling Ranch Metropolitan District No. 1 shall implement source water and operational controls to ensure that the wastewater sent to the Falcon Lift Station does not exceed the Cherokee Metropolitan District Water Reclamation Facility's permitted effluent concentration for TDS. This condition shall remain effective until the Division closes Compliance Order on Consent Number MC-140514-1.

This site location approval does not constitute design approval for construction. In accordance with Regulation No. 22, Section 22.11(1), in addition to approval of the site location application, the



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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 November 15, 2018. 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, or for in-house work forces, initiation of any action towards the erection or physical placement of materials, equipment, piping, earthwork or buildings which are to be a part of a domestic wastewater treatment works.

In accordance with Regulation No. 22, Section 22.3(15), this site location approval is subject to appeal pursuant to the State Administrative Procedures Act.

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

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 at the following website: <http://fs8.forms.site.com/cohealth/form627710151/index.html>.

If you should have any questions, please contact Michael Emming by phone at 303-692-6337 or via electronic mail at michael.emming@state.co.us.

Sincerely,



Digitally signed by Bret A. Icenogle, P.E.
DN: cn=Bret A. Icenogle, P.E.,
ou=Engineering Section, ou=Water
and Wastewater, email=bret.icenogle@state.co.us, c=US
Date: 2017.05.15 15:29:25 -0600

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

cc: Mr. Ryan Mangino, JDS-Hydro Consultants, Inc
Mr. Mark Volle, JDS-Hydro Consultants, Inc
Mr. Kurt Schlegel, Cherokee Metropolitan District
Ms. Sue Blair, Meridian Service Metropolitan District
Mr. Andres Pico, Pikes Peak Area Council of Governments
Mr. Aaron Doussett, El Paso County Public Health
Mr. Mark Gebhart, El Paso County, Development Services Department
Amy Zimmerman, WQCD ES Unit Manager
Michael Emming, WQCD ES Senior Review Engineer
Mandy Mercer, WQCD CW EU Enforcement Specialist
Site Application File | Discharge Permit File (COX048348)