

June 27, 2019

Jack Glavan, Manager
Pikes Peak - America's Mountain
P.O. Box 1575
Cascade, CO 80809

Subject: Regulation 22 Site Location Approval No.: Spigot/Aquifer Case #ES.11.43314
New Wastewater Treatment Facility: Pikes Peak Summit Visitors Center, Localized Reclaimed
Water Treatment System
Colorado Discharge Permit System (CDPS) No. (New Facility)
El Paso County
ES Project No. ES.18.SA.04510

Dear Mr. Glavan:

The Water Quality Control Division (Division) has received and reviewed the site location application package for the localized reclaimed water treatment system. The facility is proposed to be located as follows: Section 7, Township 14 South, Range 68 West, El Paso County. The localized system will produce reclaimed water to be utilized for Category 3 uses in accordance with Regulation 84 - Reclaimed Water Control Regulation. The treated effluent will be reused on-site for indoor toilet and urinal flushing, with unused treated effluent, off-specification, partially treated wastewater, and facility overflows sent to the Las Vegas Street Water Resource Recovery Facility (CO0026735).

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 22) and is approved. This site location approval addresses the following summary of the proposed design and the associated conditions:

1. Based upon application information, the system will be designed for:

Maximum Month Average Daily Flow Capacity - 0.008 million gallons per day (MGD)
Organic Loading Capacity (max. month average) - 80 lbs. BOD₅/day

Treatment Processes to be used - primary settling with unit process effluent screening, membrane bioreactor, and disinfection.

2. Excess treated effluent, off-specification, partially treated wastewater, facility overflows, and solids will be hauled to the Las Vegas Street Water Resource Recovery Facility.

This site location approval does not constitute design approval for construction. In accordance with Regulation 22, Section 22.11(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 December 27, 2020. 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 workforces, 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 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 following performance requirements must be completed before proceeding to construction and subsequent operation of the facility:

1. The facility must be designed based upon meeting the Category 3 standards for a localized reclaimed water treatment system in accordance with Regulation 84. Changes to the categorical use or the addition of a groundwater and/or surface water discharge during design and/or construction may require submittal of a request to amend this approval or submittal of a revised site location application package.
2. Prior to using the reclaimed water produced by the facility, a Notice of Authorization in accordance with Regulation 84, Reclaimed Water Control Regulation, will be required. The Notice of Authorization includes the final conditions, approved uses, and standards/discharge limitations that are specific to the facility. In order to obtain an NOA, the applicant must submit a letter of intent, user plan to comply, field verification and commissioning report, and operations and monitoring plan for any approved uses at least 30 days prior to the planned date for utilizing the reclaimed water. Please refer to the Division's Water Quality Reclaimed Water Permits web page for specific information about the authorization process. The web page is available at the following link: <https://www.colorado.gov/pacific/cdphe/wq-reclaimed-water-reuse-permits>

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.formsite.com/cohealth/form627710151/index.html>.

If you should have any questions please contact Emily Wong by phone at 303-692-3566 or by email at emily.wong@state.co.us.

Sincerely,

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

cc: Kevin Tone, JVA Consulting Engineers
Simon Farrell, JVA Consulting Engineers
Mark Gebhart, El Paso County
Aaron Doussett, El Paso County Environmental Health Department
Samantha Bailey, Pikes Peak Area Council of Governements
Jeffrey Hovermale, US Forest Service
Tara Kelley, Colorado Springs Utilities
Site Application File
Discharge Permit File (New Facility) and (CO0026735)

