



Chatfield Watershed Authority

January 13, 2017

Town of Larkspur
C/O Ms. Sherilyn West
Plan Development/Regulation Coordinator
P.O. Box 310
Larkspur, CO 80118

Re: Larkspur Storage Yard Site Plan

Dear Ms. West:

Thank you for the opportunity to review and provide comments on the Larkspur Storage Yard Site Plan. The purpose of the Chatfield Watershed Authority (Authority) is to provide for and promote a regional, coordinated approach for the provision of water quality improvements and the protection of water quality in the Chatfield Watershed for recreation, fisheries, drinking water supplies, other beneficial uses, and for the public benefit of the Members of the Authority, their inhabitants, and the People of the State of Colorado, as deemed appropriate by the Board of Directors of the Authority. This includes continuing to implement Colorado Water Quality Control Commission Chatfield Reservoir Control Regulation, 5 CCR 1002-73; and coordinating with state and federal agencies regarding water quality control measures.

Project Description

The proposed project is for the development of a storage yard located at 8440 Spruce Mountain Road, on the SE corner of Upper Lake Gulch Road and Spruce Mountain Road, in Larkspur. The plan development would include the construction of a 2-story building to store construction equipment when it is not in use at a construction site. The property is 6.97 acres, zoned Commercial, and is part of Lot 3 Douglas Valley Estates.

Considerations

The project site is located within the Town of Larkspur's water and sanitary service area. Sanitary utilities for the site will be brought from the ROW of Spruce Mountain Road via a sanitary manhole currently serving the property to the south (8520 Spruce Mountain Road). The proposed facility will be served by a 4-inch sanitary service line which drains by gravity to a proposed lift station just south of the proposed Larkspur Travel Center. The lift station will service the Larkspur Storage Yard and the Larkspur Travel Center. The lift station is currently begin designed. Wastewater will be pumped from the lift station via a 3-inch HDPE force main where it will be conveyed to the existing manhole, located to the south near 8520 Spruce Mountain Road.

The Authority reviews and approves site location approval applications for domestic wastewater treatment works (including lift stations and sewer lines) that are submitted to the Authority, as required by Colorado's Site Location and Design Approval Regulations for Domestic Wastewater Treatment Works (Regulation 22). Regulation 22 requires that each application for site location approval of a domestic wastewater treatment works shall be reviewed to ensure that the existing treatment works will not be overloaded when connecting new lift stations and that the proposed treatment works have been properly reviewed by all appropriate local, state, and federal government agencies and 208 planning agencies. A site location approval application for this project has not been provided to the Authority.

The Authority, through its management consultant, Leonard Rice Engineers, Inc., has reviewed the project for compliance with the Chatfield Reservoir Control Regulation No. 73. Under this regulation, the Authority is to implement the total maximum annual load allocation for total phosphorus loading to the Reservoir. Total phosphorus allocations are distributed among sources, including wastewater treatment plants. The allowed annual phosphorus wasteload for Larkspur's wastewater treatment plant is 231 pounds per year. As part of its site location approval application, the applicant must provide written confirmation from Larkspur that its wastewater treatment plant has adequate design capacity to treat the additional wastewater conveyed by the new lift station, including adequate phosphorus treatment capacity to remain within its assigned wasteload.

The Authority takes no exception to the project, provided the project complies with Control Regulation No. 73.

Please don't hesitate to contact us with any questions regarding the comments.

Respectfully submitted,

Chatfield Watershed Authority

A handwritten signature in blue ink that reads "Katie J. Fendel". The signature is written in a cursive, flowing style.

Katie Fendel, P.E.
Chatfield Watershed Authority Manager