



July 21, 2017

Sherilyn West  
Town of Larkspur  
PO Box 310  
Larkspur, CO 80118

RE: Jellystone Expansion, 650 Skyview Lane  
TCHD Case No. 4485

Dear Ms. West,

Thank you for the opportunity to review and comment on the application to expand an existing RV park campground located at 650 Skyview Lane. Tri-County Health Department (TCHD) staff has reviewed the application for compliance with applicable environmental and public health regulations and principles of healthy community design. After reviewing the application, TCHD has the following comments.

### **Wastewater Service**

Proper wastewater management promotes effective and responsible water use, protects potable water from contaminants, and provides appropriate collection, treatment, and disposal of waste, which protects public health and the environment.

The existing Jellystone site is currently being served by several On-Site Wastewater Treatment Systems (OWTS). The application materials state "The proposed wastewater system will connect to the existing wastewater system. The existing septic field will be utilized during construction of the expansion and will then connect to a proposed lift station on the south end of the property." OWTS are designed for a predetermined flow of wastewater. Increasing the flow to the OWTS may impair or cause the failure of the system. TCHD requests that the applicant clarify which existing septic field the applicant is proposing to use during construction. TCHD also requests that the applicant clarify the source of the additional "flow from construction". Additional flow from the construction of the expansion is prohibited from going into the existing OWTS and will require an expansion of the OWTS to accommodate the additional wastewater flows.

TCHD currently has pending Repair Permits issued for a tank replacement for the main service building and a soil absorption area replacement for the pond house. TCHD recommends that the Town require that both these Repair Permits be completed prior to approving the expansion of the park.

In the site application referral response to the Colorado Department of Public Health and Environment dated June 28, 2017, the Chatfield Watershed Authority stated "As part of the site application, the applicant provided information that 'combining the proposed Jellystone service area with the current service area of the wastewater treatment facility will result in total hydraulic flow of 0.057 million gallons per day, which is 76% of the Town of Larkspur's WWTF's permitted hydraulic design capacity. The

Town is currently in the planning stages to expand the WWTF.' However, the town has not provided written confirmation to the Authority that it can treat the additional flow and meeting its allowed annual Chatfield phosphorus wasteload allocation of 231 pounds per year with the plant's existing treatment processes."

TCHD requests that the Town provide confirmation that the existing WWTF will be able to handle the additional flow and not exceed its annual phosphorus wasteload of 231 pounds per year.

### **Food Service Plan Review**

TCHD reviews plans for new and remodeled retail food establishments to reduce the risk of food borne illnesses. The application did not indicate whether a new Retail Food Establishment (RFE) will be constructed. Plans for all new and remodeled retail food establishments including mobile food units must be reviewed by TCHD for compliance with Colorado Retail Food Establishment Rules and Regulations and approved by the Department before the start of construction. If a new or remodeled RFE is proposed, the applicant shall submit plans for the proposed food establishment to our Administration Office at 6162 S Willow Drive, Suite 100, Greenwood Village, along with the Plan Review Specification Packet found at <http://www.tchd.org/DocumentCenter/View/2094>. More information can be found at <http://www.tchd.org/246/Restaurants-Grocery>. We recommend a review of the plans by TCHD be completed before the Town of Larkspur issues a building permit for the construction.

The applicant may call TCHD's Plan Review Hotline, at our Administrative Office at (303) 846-6230, regarding requirements for, and scheduling a plan review. Instructions for opening a retail food establishment can be found on line at TCHD's web site at <http://www.tchd.org/DocumentCenter/View/315>.

### **Pool Plan Review**

The application indicates a public water park is proposed, and multiple swimming pools are shown on the site plan. Swimming pools, interactive water fountains, splash pads, and other aquatic venues are environments in which bathers can be exposed to diseases, chemicals, or environmental contaminants and hazards. Plans and specifications for all new public pools, semi-public pools, spray pads, or other aquatic venues are required by the Colorado Revised Statutes (C.R.S. 25-5-802) to be reviewed and approved by TCHD at least 30 days prior to construction, remodeling, or modification of an aquatic venue. This will ensure that the facility is designed and operated to meet all applicable sections of the 5 CCR 1003-5, Swimming Pools and Mineral Baths regulation to provide bathers a safe and clean environment. The applicant shall submit plans for the proposed aquatic facility to our Administration Office at 6162 S Willow Drive, Suite 100, Greenwood Village, along with the Pool Plan Review form found at <http://www.tchd.org/DocumentCenter/View/2348>. More information can be found at <http://www.tchd.org/262/Pools-Spas-Water-Features>. We recommend the review and approval of plans by TCHD be completed before the Town of Larkspur issues a building permit for the construction.

### **Public Water System**

Water Systems serving 25 or more persons on average, a minimum of 60 days per year are subject to regulation by the Colorado Department of Public Health and Environment (CDPHE) as a non-community drinking water system. The application indicates that the

public water system will be expanded to serve the additional proposed camp sites and other facilities. The applicant shall contact the CDPHE Drinking Water Section at (303) 692-3500 or <https://www.colorado.gov/pacific/cdphe/drinking-water> to determine requirements for the drinking water system and to obtain approval for the expansion.

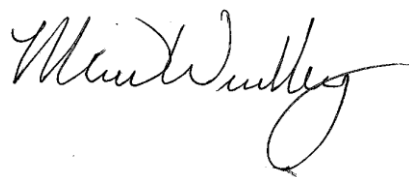
### **Mosquito Control - Stormwater Facilities**

The site plan indicates that multiple detention ponds are proposed. Detention ponds can become sites for mosquito breeding. To reduce the potential for human exposures to West Nile and other mosquito-borne viruses, TCHD recommends that the applicant prepare a mosquito control plan. Elements of the plan should include proper design, construction and regular inspection and maintenance of stormwater quality facilities, and mosquito larvaciding if the insects become a problem. The applicant may submit the mosquito control plan to TCHD for review. More information is available here <http://www.tchd.org/276/Mosquitoes-West-Nile-Virus>. A guidance document is attached.

TCHD would be happy to meet with the applicant to further discuss their proposed expansion.

Please feel free to contact me at 720-200-1593 or [mweakley@tchd.org](mailto:mweakley@tchd.org) if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Michael Weakley". The signature is fluid and cursive, with a large loop at the end.

Michael Weakley  
Water Program Supervisor

cc: Sheila Lynch, Keith Homersham, Kathy Boyer, Elaine Hassinger, Jessica Wiersma, TCHD