



State of Utah

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Department of  
Environmental Quality

Alan Matheson  
Executive Director

DIVISION OF DRINKING WATER  
Kenneth H. Bousfield, P.E.  
Director

September 23, 2015

Rob Thomas  
General Manager  
Wolf Creek Water and Sewer Improvement District  
P.O. Box 658  
Eden, Utah 84310

Dear Mr. Thomas:

Subject: **Plan Approval**, The Ridge Subdivision Phase 2 Water Lines (DS001), System #29013, File #10180

The Division of Drinking Water (the Division) received the plans for The Ridge Subdivision Phase 2 from Eric Householder on behalf of the Wolf Creek Water and Sewer Improvement District (WCWSID) on August 13, 2015. This project is reviewed with the standard specifications for the construction of drinking water facilities for WCWSID submitted to the Division on May 13, 2009, and amended on February 24, 2010 by Gardner Engineering. The Division issued Plan Approval for The Ridge Subdivision Phase 1 project on February 18, 2014, under File #9577. The Division has not issued Operating Permit for The Ridge Subdivision Phase 1.

The Ridge Subdivision will consist of ten buildings with four units each that will be installed over several phases. Our understanding of The Ridge Subdivision Phase 2 project is that connections will be made to the existing 8-inch ductile iron line in Wolf Creek Drive to serve Phase 2 of The Ridge Subdivision, consisting of two buildings with four units each for a total of 8 connections.

WCWSID is moving forward with to complete a master plan for the drinking water system, the secondary irrigation water system, and the sewer system of WCWSID. Included in the master plan is a hydraulic model of the drinking water system meeting the hydraulic modeling requirements in drinking water rule *R-309-511*. However, the master plan and hydraulic model have not been finalized at this time. You requested that the Director of the Division of Drinking Water not require a hydraulic model for The Ridge Subdivision Phase 2 since the 8 connections with this project will have a negligible hydraulic impact on the WCWSID, which currently serves 957 active connections and is committed to serve 1378 connections. The Division issued a feasibility letter for WCWSID, dated January 16, 2014, that estimates WCWSID has the capacity to serve 209 additional ERCs over the 1378 committed connections with the present infrastructure. On this basis, a hydraulic model is not required for The Ridge Subdivision Phase 2 per *R309-511-4(1)(i)(G)*, because it will have a negligible hydraulic impact and WCWSID is in the process of doing a hydraulic model for the entire system.

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We have completed our review of the plans and specifications of The Ridge Subdivision Phase 2 water lines, stamped and signed by Ryan A. Christensen, P.E., of Gardner Engineering and dated August 12, 2015, and find they basically comply with the applicable portions of Utah's Administrative Rules for Public Drinking Water Systems in R309. On this basis, **the plans for The Ridge Subdivision Phase 2 water lines are hereby approved.**

This approval pertains to construction only. **An Operating Permit must be obtained from the Director before drinking water lines in The Ridge Subdivision Phase 2 may be put in service.** A checklist outlining the items required for operating permit issuance is enclosed for your information.

Approvals or permits by local authority or county may be necessary before beginning construction of this project. As the project proceeds, notice of any changes in the approved design, as well as any change affecting the quantity or quality of the delivered water, must be submitted to the Division. We may also conduct interim and final inspections of this project. Please notify us when actual construction begins so that these inspections can be scheduled.

This approval must be renewed if construction has not begun or if substantial equipment has not been ordered within one year of the date of this letter.

If you have any questions regarding this letter, please contact Bob Hart, of this office, at (801) 536-0054, or Ying-Ying Macauley, Engineering Section Manager, of this office, at (801) 536-4188.

Sincerely,



Kenneth H. Bousfield, P.E.  
Director

REH

Enclosure — Operating Permit Checklist

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