



3258 Big Spruce Way
Park City, UT 84098
801-580-9692

July 3, 2018

Doug Smith, Wasatch County Planner
Wasatch County Planning Office
55 S 500 East
Heber, UT 84032

RE: Canyon Meadows Plat Amendment

Dear Doug,

I have had a chance to complete a review of the documents for the Canyon Meadows Plat Amendment. Canyon Meadows is a nonconforming subdivision below Deer Creek Dam in Provo Canyon. 84 platted lots and condos are proposed to be amended to 69 lots and condos. Three parcels that total 93.5 acres will be added to the development. Currently all lots have individual septic systems. The new plan proposes a wastewater system to receive and treat all wastewater from the development, including from 84 connections and the existing clubhouse and pool. The total design flow of the proposed system is sized for up to 33,600 gpd.

The review and recommendations that I have prepared are based mainly on issues that could have a detrimental effect on the water quality of the area, as that is the main concern for the Provo River Watershed Council (PRWC, formerly known as JTAC). As such I have focused the review on the following areas:

- Drainage
 - Wastewater
 - Erosion Control Measures
 - Landscaping, revegetation and restoration
1. Please provide reclamation and/or landscaping plans for all disturbed areas including abandoned roads and for the water tank areas.
 2. Provide information on trails in wetland areas. If trails are proposed in the wetland areas, whether elevated or on grade, an Army Corps of Engineers Permit will be required prior to construction. Also a plan with trail details and cross sections should be submitted for review and approval.
 3. Please prepare a SWPP Plan and Erosion Control Plan(s) for review prior to plat amendment. These plans should follow guidelines outlined in Wasatch County Erosion Control Guide which can be found at www.provoriverwatershed.org. Separate Erosion Control Plans for grading stage and construction stage are needed. The plan shall show what Best Management Practices (BMPs) will be used, when, and where, specific to the project scope, along with the total disturbance area and installation details and notes for the proposed BMPs. Measures include those necessary to delineate areas of work, prevent erosion of unstable or denuded areas, plan for construction staging and storage logistics, construction of stabilized access points, and proper containment measures for construction materials and waste. All notes and details regarding erosion control should be included as part of this plan.



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Wastewater System - Orenco Treatment Unit

1. The absorption system sizing is based on Soil loading rate of 0.6 gpd/sq-ft. Please provide percolation testing results that establish this soil loading rate.
2. Provide approval from Utah Division of Water Quality for the Orenco treatment system.
3. Please provide a copy of the soils report prior to Final Approval.

If you have any questions, please feel free to contact me at 801-580-9692
Sincerely,

Alane E. Boyd, P.E.
Principal

AEB:aeb

Cc: Travis Hair, Wasatch County
Sandy Wingert, Division of Water Quality