



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

June 4, 2019

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

RE: Canyon Meadows Subdrain

Dear Doug,

I have had a chance to review documents for the Subdrain System for the Canyon Meadows Project. 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. The subdrain system is proposed to increase the safety of the site.

At this point I have significant questions regarding the subdrain system. Many of these are State and Federal Permit oriented.

1. With the sewer system being located above the subdrain I feel that there is a probability that wastewater could contaminate the water draining from the site. What is the developer doing to guarantee that this won't happen?
2. Similarly, what is being done to guarantee that the water from the wastewater drip system not contaminate the subdrain system. Since the subdrain directly discharges to the Provo River it is imperative that this water stay uncontaminated and clean.
3. I assume that the subdrain will lower the groundwater level in the wetlands. Does the Corps of Engineers know about this proposal and potential impacts to the wetlands from the drains? Is a 404 Permit needed for Canyon Meadows?
4. With the subdrains groundwater is being diverted. Does the project need a water right change from the State Engineers office?
5. The direct discharge to the Provo River is very concerning. With the potential for contamination of the water in the subdrain there should be BMPs installed prior to discharge to the river.
6. Does the developer have a groundwater discharge permit from the State Division of Water Quality? This type of permit is needed to discharge groundwater.

I think it is imperative to have answers for these questions before 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