



September 12, 2018

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

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

RE: Tuhaye Whispering Hawk

Dear Doug,

I have had a chance to complete a review of the engineering drawings for Tuhaye Whispering Hawk dated July 31, 2018 as well as associated documents included with application for preliminary subdivision approval. Whispering Hawk consists of 32 single family lots located on the northeast end of Tuhaye and include 15.81 acres.

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:

- Erosion Control Measures
- Landscaping, revegetation and restoration

1. The final SWPP should address the following:

- The elevations of the topo map on sheet EROS-1 need to be included.
- The notes associated with the Silt Fence detail on SWPP Details sheet EROS-2 are illegible. Please use a different color font.
- Construction Note 4 on sheet EROS-1 indicates that disturbed areas to be temporarily seeded if construction does not continue for 30 days. Please provide a temporary seed mix.
- The SWPP Plan indicates that concrete will be washed out on-site. No wash-out facilities should be allowed on-site. Contractor should dispose of concrete waste at an approved location off-site.
- The locations of any soil storage piles should be depicted in the plans with a note stating that storage piles should be placed behind a sediment fence, a 10 foot wide vegetation strip, or should be covered with a tarp.
- More details are needed regarding revegetation / restoration of the site following construction.
- A note stating that permanent stabilization of the site by re-vegetation or other means should be planned during the following window: From 4,000' – 6,000', Sept. 15 to Dec.1; from 6,000' and above, Sept. 15 to Nov.15. The re-vegetation method should be indicated such as seed, sod, or other, the expected date of the permanent re-vegetation. A permanent revegetation seed mix should also be included.
- There should be a note stating that there will be proper disposal of building material waste so that pollutants and debris are not carried off-site by wind or water.

2. The following notes should be made to address maintenance of erosion control practices and should be included in the SWPP Plans and the Standard Details Sheet (STD-4).

- Sediment will be removed from behind sediment fences and barriers before it reaches a depth that is equal to half the height of the barrier.

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- Breaks and gaps in sediment fences and barriers will be repaired immediately. Decomposing straw bales will be replaced regularly (typical bale life is three months).
  - All Sediment that moves off-site due to construction activity will be cleaned up before the end of the same workday.
  - All Sediment that moves off-site due to a storm event will be cleaned up before the end of the next workday.
  - All installed erosion control practices will be maintained until the disturbed areas they protect are stabilized.
3. The Snow Storage Plan is confusing and hard to read. The elevations of the topo map need to be included. Please be clear in where snow will be stored.
  4. The geotechnical report indicates that surface soils could become unstable if exposed to any large amounts of water or precipitation. Please indicate on revegetation / restoration plans ways to mitigate for these conditions.

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