



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

March 23, 2020

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

RE: CKC ASPHALT GRAVEL PIT CUP

Dear Doug,

I have had a chance to complete a review of the Plans and documents prepared by CIVCO Engineering, Inc. for the CKC Asphalt Gravel Pit for Conditional Use Permit. The project consists of a 10-acre parcel for the gravel pit and 2-acres of roadway. The development at the gravel pit will include site grading for the placement of a crusher, excavation of and stockpiling of aggregate, upgrades to the current access road, and stormwater facilities.

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
- Operational issues that may affect the environment

My comments are as follows:

1. Please provide a detailed erosion control plan and storm water pollution prevention plan. The plan should 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. Special consideration should be given to the roadway area as well, as that will act as a conduit to direct water downhill. Also, protection measures for the stream crossing should be detailed. The plan should include:
 - Location, width, direction of flow and approximate location of top and toes of banks of any watercourses.
 - Location and types of existing vegetation on the site.
 - Areas of the site currently experiencing or susceptible to erosion problems.
 - Existing drainage patterns and direction of flow.
 - Limits of disturbed areas.
 - Areas not to be disturbed and off-limits to construction activity.
 - Location of soil stockpiles. The topsoil piles should be revegetated to reduce erosion. The topsoil piles should be surrounded by silt fence until revegetation is successful.

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- Location of proposed vegetative erosion control measures (e.g., seeding, landscaping), including type, quantity, planting schedule (i.e. seeding schedule, etc...)
 - Location and details of all proposed drainage systems, walls, cribbing or other erosion protection devices to be constructed in connection with, or as a part of, the proposed work.
 - Temporary erosion control measures for construction
 - Notes regarding maintenance and inspection of BMPs
 - Details for all proposed BMPs.
2. Please provide a spill prevention plan for the Fuel and Oil Station. Also, please show what type of containment device you will use to catch spills on site. The plan should include:
- A list of the oil containers at the jobsite (including their contents and location).
 - A brief description of the procedures that you will use to prevent oil spills. For example, the steps that you will use to prevent fuel spills when you transfer fuel from a storage tank to your construction equipment.
 - A brief description of the measures you installed to prevent oil from reaching water.
 - A brief description of the measures you will use to contain and cleanup an oil spill to water; and
 - A list of emergency contacts and first responders.
3. Please provide details for the stormwater retention area.
4. Please provide the location of portable toilets on one of the existing plans

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
Sandy Wingert, Division of Water Quality