

J-716 Skye Canyon Detention Basin Review

Items that need attention to complete review:

Plan set:

- 1) Survey tie from monument on dam embankment to found section corner. Must be same monument as described by the latitude and longitude coordinates.
- 2) Discharge curves for outlet and spillway do not sum to the total discharge.
- 3) Water level elevations must be shown on the cross-sections (1% chance of exceedence storm runoff and PMF).
- 4) Foundation elevation after over excavation not well defined on plans.
- 5) Please explain "Future 24" outlet" noted on plans.

Specifications:

- 1) Specifications should be inclusive instead of only noting exceptions to standard specifications.
- 2) Specifications for concrete strengths, pipe and rip-rap were not present.
- 3) Test or inspection failure procedures must be identified.
- 4) Site clearing and grubbing not specified.
- 5) Waste dump area(s) need to be identified (may be on plans).
- 6) Specifications:
 - a. 310-1 and 310-2 have an apparent discrepancy over bedding mix/bedding mortar aggregate.
 - b. 207-1 references Tables 1 and 2 which were not found.
 - c. 203-3 references subsections 203.03.16 and 203.03.70, neither of which were found.
 - d. 203-1 references subsections 704.03.03 and 207.02.02, neither of which were found.