Lake 4, West Lake and A-Frame Dam Rehabilitation
Weekly Construction Update Report
10/14/2019 to 10/18/2019

Date: 10/23/2019
Project Owners: Boulder County and St. Vrain & Left Hand Water Conservancy District
Location: Boulder County Open Space west of Hygiene, CO
Contractor: Kirkland Construction
Weather & Site Conditions: Clear, warm and dry
Update by: Obadiah Broughton, Boulder County

Work in Progress/Completed
1. Continued dewatering operations to remove nuisance water in Lake 3 and Lake 4.
2. Clearing and grubbing continued in the Lake 3 embankment and lake 4 sediment areas.
3. Clearing and grubbing and topsoil salvage was completed at the top and west face of West Lake Dam.
4. Foothills Ditch structure was removed from West Lake Dam.
5. Construction of haul roads and work areas were started across the bottom of West Lake with fill from West Lake Dam.
6. Surveying continued to establish project controls, construction stakeout and baseline contour topo.
7. Clearing/grubbing and topsoil salvage occurred at the West Lake Dam embankment.
8. Demolition of the Foothills Outlet ditch and excavation of the West Lake Dam Embankment began.

Upcoming Work (One to three week look ahead)
1. Clearing and grubbing in the lake bottoms and all work areas and strip/stockpile topsoil as appropriate.
2. Continued demolition/excavation of West Lake Dam embankment and begin concrete forming for West Lake Outlet structure.
3. Begin excavating in Lake 4 and Lake 3 work areas.
4. Demo existing Lake 4 manhole.
5. Continue to haul roads in lake bottoms and adjacent to Lake 4 Dam spillway to facilitate sediment removal and work.
7. Continued dewatering operations to remove nuisance water in Lake 3 and Lake 4.
8. Surveying: more construction stake out and finish up baseline contour topo.
9. Continued mobilization of equipment.

Additional Notes
1. Erosion control measures were inspected by Boulder County Development Review staff on 10/16.
2. Weekly construction process meeting occurred on Tuesday 10/15.
3. Weekly water quality testing occurred on Tuesday 10/15 at the dewatering terminal discharge outfall into St. Vrain Creek.
4. Additionally, Kirkland and BCPOS staff are monitoring control measures at discharge outfall.
5. Project website for updates and information: https://www.bouldercounty.org/open-space/management/lake-4-west-lake-a-frame-pond/
Lake 4, West Lake and A-Frame Dame Rehabilitation
Weekly Construction Update Report

Looking north: West Lake Dam and Foothills Ditch demolition on 10/16.

Looking west: West Lake Dam demolition.

Looking south: West Lake Dam and Foothills Ditch demolition on 10/16.

Looking east: West Lake Dam demolition and work area prep.