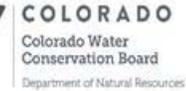


# SVR3 EWP Stream Restoration

Project Weekly Construction Notes: 1/15 to 1/20/2018



Date: 1/22/2018

By: Obadiah Broughton – Boulder County Project Planner

EA – General Design Engineering Firm, ERC – Stream Design Engineering Firm,  
ACC Mountain West -- Contractor

Location: St. Vrain Reach 3 – multiple work sites

Project Sponsor: Boulder County

## Work in Progress/Completed:

1. Hygiene Road bridge area – grading and installation of Type H riprap on east side of creek across from Breaches 8 and 9, in progress and about 50% complete;
2. ACC set up an appropriate dewatering plan for Breach 1, had issues with dewatering bags during the week, but successfully dewatered Friday and Saturday;
3. Breach 1 clay core excavation: dewatering, clay processing, and clay placement started. Approximately 50 feet by 4 feet deep of the clay core was installed;
4. Amending topsoil, stockpiling and placing topsoil: (1) riprap upstream of Hygiene Road and (2) stream banks of riffle/pool features upstream of Sta. 33+00;
5. Finish grading and compaction of embankment fill on both the west and east sides of the 7a Breach Repair;
6. Stream restoration work: continued installation of riffles and pools on the Hepp property; majority complete from Sta. 25+50 to Sta. 35+00.
7. Clearing and grubbing and stockpiling of cobble for stream restoration Sta. 36+00 to Sta. 57+50;
8. Rough grading of Type D (rootwad/wood) bank stabilization Sta. 38+00 to Sta. 41+00 complete and rootwad/toe log preparation in progress;
9. Stream channel rough grading and realignment Sta. 36+00 to Sta. 44+00.



1-19-18: Installation of Type H riprap on east side of creek across from Breaches 8 and 9.



1-17-18: Dewatering of clay core excavation for Breach 1 embankment repair.

# SVR3 EWP Stream Restoration

Project Weekly Construction Notes: 1/15 to 1/20/2018



## Upcoming Work:

1. Breach 1 Dewatering of clay core trench and Swede clay installation;
2. Breaches 8/9 riprap installation on East streambank;
3. Continued preparation for stream flip from current channel (through Breach 6) back to pre-flood channel alignment;
4. Installation of Type D Bank Stabilization (root wads) Sta. 38+00 to Sta. 41+00;
5. Continued stream channel rough grading and realignment upstream from Sta. 44+00;
6. Continued material sorting for stream restoration features ;
7. Maintenance of access/erosion/pollution prevention measures.

## Notes:

1. ACC continues to work on Saturdays to expedite schedule.



1-17-18: Finish grading and compaction of Breach 7 embankment replacement.



1-17-18: Cobble stockpile for stream restoration features.



1-17-18: Stream Restoration riffle and pool shaping at Sta. 33+00, view of topsoil stockpiles where shaping is complete.

## St. Vrain Reach 3 Restoration Project: Weekly Construction Notes: 1/15 to 1/20/2018



**1-19-18: Conditioning clay for Breach 1 embankment replacement.**



**1-19-18: Stockpiled and prepped root wads for Type D Bank Stabilization at Sta. 39+00.**



**1-19-18: Stream channel rough grading and realignment between Sta. 36+00 and Sta. 44+00.**



**1-17-18: Clearing and grubbing prior to stream channel grading and shaping between Sta. 36+00 and Sta. 57+50.**