

SVR3 EWP Stream Restoration

Project Weekly Construction Notes: 1/8 to 1/12/2018



Date: 1/15/2018

By: Sharla Lovern – Boulder County Project Manager

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 --soil filled riprap near Breach 9 completed and grading begun for East side across from Breaches 8 and 9;
2. Breach 1 clay core excavation starts, preparation of work site, hauling of Swede clay material on Thursday and Friday;
3. Dewatering plan not communicated appropriately for Breach 1, mitigation for impacts of dewatering to an inappropriate location to be determined in upcoming weeks;
4. Continued excavation of East borrow area for embankment fill on both the west and east sides of the 7a Breach Repair and Breach 6 Repair;
5. Stream restoration work: continued installation of riffle heads to elevation on the Hepp property.
6. NRCS QA Team inspection at Gage property and review of on-going work at Hepp property.

Upcoming Work:

1. Breach 1 Dewatering of clay core trench and Swede clay installation;
2. Breaches 8/9 riprap installation on East streambank;
3. Breach 7a repair completion of embankment fill;
4. Breach 6 stockpiling of work materials in preparation for construction after stream flip from current channel through Breach 6 site into old channel alignment;
5. Installation of in-stream structures on Hepp property;
6. Maintenance of access/erosion/pollution prevention measures.



1-8-18: Rough grading of soil filled riprap area north of the Hygiene Road bridge on the west side of the stream.



1-9-18: Riprap installation underway NW of the Hygiene Road bridge.

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1-10-18: Clay core excavation starts for Breach 1.



1-11-18: Installation of in-stream feature riffle head.



1-12-18: Soil filled riprap complete NW of the Hygiene Road bridge, grading starts on NE side of the bridge for riprap installation.



1-12-18: Test dewatering of clay core in conjunction with survey and engineering inspection, however dewatering location inappropriate and pump shut down until new dewatering plan developed.