

SVR3 EWP Stream Restoration

Project Weekly Construction Notes: 11/27 to 12/1/2017



Date: 12/5/2017

By: Sharla Lovern – Boulder County Project Manager

EA – General Design Engineering Firm, ERC – Stream Design Engineering Firm

Location: St. Vrain Reach 3 – Hygiene Road Work Site

Project Sponsor: Boulder County

Work in Progress/Completed:

1. Continued mobilization of equipment and personnel;
2. Traffic signage installation starting for Breach 1 Work Site;
3. Continued excavation of FEMA existing 7a berm, and clearing and grubbing at Hepp stream restoration site;
4. Gage rough grading for bankfull elevation bench, preparing for willow installation;
5. Hauling of Swede clay, root wads/woody material and Type H riprap to Hepp staging area and 7a berm work site;
6. Monday started pumping from the stream using negotiated water rights purchase;
7. Conditioning of clay for 7a berm;
8. Tuesday 11-28-17 late afternoon dewatering of 7a berm trench location was accomplished in the North ½ of the trench;
9. Wednesday 11-29-17 sand and clay placement began in North ½ berm 7a after clean-up and survey;
10. Friday meeting with landowner Mr. Hepp to review changed berm 7a design (work change directive #1) on the property and the decreased fill volumes as a result;
11. Friday 1st project review with grant oversight team (NRCS/CWCB).

Upcoming Work:

1. Continued bank stabilization rough grading at Gage site after engineering review, then continued willow install;
2. Planning for Breach 1 repair;
3. Continued bank stabilization planning between Hygiene Road and 61st St.;
4. Maintenance of access/erosion/pollution prevention measures.



11-27-17: Rough grading for bankfull elevation bench on the outer meander bend at the Gage stream restoration work site.



11-28-17: Dewatering showing progress in the North ½ of the 7a berm clay core trench excavation.

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11-29-17: Construction impact to the work sites continues to be monitored and concerns brought to the attention of the Contractor to limit overall impact and restoration costs upon demobilization.



12-1-17: Clay core lifts on the North side of the 7a berm with sheepsfoot roller compaction and material testing for proper moisture and compaction.



12-1-17: Willow installation on the downstream end of the Gage stream restoration work area.



12-1-17: Technical discussion of engineering hydraulics and re-vegetation potential of outer meander bend configuration began Friday with design team – addressed as Work Change Directive 2.