



Weekly Construction Report

Hatchery Creek Design/Build Project



Week:	August 24 – August 30, 2014	Project No:	1305
Rain Days/Weather Conditions:	Rained over 2.5" Saturday night (Burkesville gauge).		
Personnel on-site:	<i>EcoGro/Ridgewater:</i> John Arthur, Tony Berry, Tom Cutter, Eric Dawalt, Jim Hanssen, John Linder, Chad Relinski, Brad Redmon <i>Stantec:</i> N/A		
Equipment on-site:	Komatsu PC 160 w/ hyd. thumb, PC 360 w/ hyd. thumb, Terex TA27, Bobcat T300		
Material deliveries to project site:	<ul style="list-style-type: none"> ▪ ~130 ton spawning gravel 		
Work performed this week:	<ul style="list-style-type: none"> • Attended meeting with KDFWR and DECA on Monday. • Spent Monday morning getting site drained in order to work on braided channels. • Screened rock (6"+) from Corps disposal area. • Built 400+' of braided channel: <ul style="list-style-type: none"> ○ LT Sta. 150+50 to 153+40. ○ RT Sta. 152+20 to 154+20. • Excavated channel from 150+40 to 153+00. • Built 80' of channel from Sta. 152+20 to 153+00. • Installed ~250' of groundwater cutoff trench/wall (up to 15' below existing grade) with plastic liner and clay in sandy soil area from LT St. 145+50 to 148+50 to reduce loss of Hatchery Creek stream flow. • Removed (cut) invasive species (mostly autumn olive) within PPC from ~RT Sta. 135+00 to 145+00. • Worked on redesigning step pool alignment and profile due to new survey data at tie-in to Cumberland River. 		
Erosion & sediment controls installed:	❖ Moved check dam to LT. Sta. 143+80.		
Work scheduled for next week:	<ul style="list-style-type: none"> ✎ Finish redesign of step pools. ✎ Continue excavating/building channel from Sta. 146+50 to 153+00, leaving existing road at 149+00 for Corps excavation haul road. ✎ Continue removing (cutting) invasive species. 		
Work planned for two weeks ahead:	<ul style="list-style-type: none"> ✎ Construct "D" channel from 135+00 to 141+00. ✎ Continue invasives removal (cutting). ✎ Start delivering boulders for step pools. 		
General Comments:	➤ Corps excavation sites are completely cleared of trees and ready for Corps contractor to begin excavation.		
Prepared by: Eric Dawalt, P.E.	Date: 8-31-14		



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Pictures from this week's construction:



Aerial photograph of cleared areas for new Hatchery Creek (looking upstream from step pool tie-in location at Cumberland River).



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Stockpiling forest topsoil for later use from area to build channel and floodplain berm near Sta. 147+00.



Installing plastic liner and clay in groundwater cutoff trench/wall in sandy soil near Sta. 148+00.



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Screening 6"+ rock with grizzly screen at Corps Disposal Area.



Spawning gravel delivered to project (8" high field book is shown for scale).



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Installing rock for riffle in excavated channel ~ Sta. 152+55 (looking upstream).



Completed riffle at Sta. 152+55 (looking upstream).



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Spawning gravel installed in glide and head of riffle at Sta. 152+55 (looking downstream).