

Progress Report 7/1/14-9/30/14

Project #12-1306, Gold Creek Habitat Assessment + Conceptual Design

Submitted by David Gerth on 09/29/2014

Accepted by Kay Caromile on 10/18/2014

CONTACTS

Primary Sponsor: Kittitas Conservation Trust

Project Contact: David Gerth
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Alt Project Contact: Mitchell Long
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Managing Agency: Rec. and Conserv. Office

RCO Grant Manager: Kay Caromile
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COSTS TO DATE

Project Start Date: 12/06/2012

Original End Date: 12/31/2014

FundingEnd Date: 06/30/2015

Funding Formula:	Requested		Original		Current	
Salmon State Projects:	\$97,750.00	(85%)	\$97,750.00	(85%)	\$167,250.00	(91%)
Sponsor Match:	\$17,250.00	(15%)	\$17,250.00	(15%)	\$17,250.00	(9%)
Total:	\$115,000.00	(100%)	\$115,000.00	(100%)	\$184,500.00	(100%)

Paid To Date: \$117,876.61

Last Released Billing: 06/11/2014

Remaining RCO Funds: \$49,373.39

Pending Billing: No

Advance Balance: \$0.00

Match Bank: \$0.00

Number of Billings: 3

Admin Limit: \$0.00

Admin Spent: \$0.00

A&E Limit: \$0.00

A&E Spent: \$0.00

AMENDMENTS

#	Type	Applied Date	Description
3	Cost Change	08/01/2014	Adding \$19,500 in Ecology Implementation Plan Funds (Interagency agreement 15-05) to conduct hydrological experiments to substantiate the hypotheses derived from the 2013 field work information. In brief- the water surface elevation in Gold Creek Pond will be temporarily raised 2.5 feet and the hydrologic response in the adjacent de-watered reach will be recorded. Results from this experiment will help clarify which restoration concepts will be most effective in achieving project goals.
2	Time Extension	10/11/2013	The project period of 12/06/2012 to 12/31/2014 is extended to allow the contracting party until 06/30/2015 to complete the project.
1	Cost Change	10/21/2013	Adding \$50,000 of Ecology's Integrated Water Resource Management Plan Funding through interagency agreement 15-05. The project deliverables remain the same. These added funds allow the sponsor to collect additional and more frequent monitoring data and to develop one additional conceptual design alternative to address the dewatering of the stream reach.

PROGRESS REPORT QUESTIONS

#	Question	Answer	Answer Description
1 of 4	Are there any significant challenges that might hinder progress or keep you from meeting your project milestones? If so, please tell us about them.	No	
2 of 4	Describe the work accomplished during this reporting period.		Supplemental project permits were acquired from WDFW and USFS to allow for installation of a temporary dam at the outlet of Gold Creek Pond that would raise the water surface elevation in the Pond 2-3 feet. The depth of a crucial ground water well was increased from 10 ft. to 23 ft. to more fully understand and record ground water elevation behavior during seasonal dewatering of Gold Creek. Preparations and materials staging for construction of the temporary dam at the outlet of Gold Creek Pond began 8/27/14. Discovery of a beaver dam in the upper portion of the outlet channel forced cancellation of the attempt to raise water surface elevation (wse) 2.5 feet because the true experimental dam height would be 4.5 feet (2 ft higher than planned due to the beaver dam). The experiment was deemed unfeasible and unsafe. Semi-weekly monitoring visits to the study area continued during the period of stream dewatering (August-October) and plans were made for the analysis and reporting of the ground and surface water data that was recorded during the assessment. Added clarification: We started the dam construction and then discovered how much the scope of work had increased to get the water elevation changes that were proposed. The dam would need to be constructed about 2 feet higher than planned. The construction techniques and manpower needs to get the proposed results were deemed too risky by the project manager. We believe that the beaver did create a rise in the pond water surface elevation and will verify that when all the data is collected from the instruments. The lesson learned is that more field verification of existing conditions can help avoid unexpected outcomes. However, the beaver dam may have facilitated discovering most of the information that the experiment was designed to reveal.
3 of 4	Do you anticipate any changes to your project? Please describe those changes here.	No	
4 of 4	Tell us about work planned for the next reporting period.		Water surface elevation data and photo-point monitoring will continue until Gold Creek is re-watered, typically November 1. All monitoring instruments will be retrieved and accumulated data will be downloaded. Consultants will analyze data and present findings to a Technical Work Group (TWG) on 12/10/14. Preliminary restoration concepts will be described and discussed by the TWG leading to an alternatives analysis.

MILESTONES

Milestone	Target Date	Description	Completed	Delayed	New	Progress/Reason for Delay
					Target Date	
Project Start	12/06/2012		X			
Data Gathering Started	02/01/2013		X			
RFP Complete/Consultant Hired	03/01/2013	RFQ released 12/15/12 to 17 habitat consultants, responses due back to KCT on 1/16/13.	X			
Special Conditions Met	05/01/2013	Assessment design and scope complete (includes project plan, itemized tasks and schedule)	X			
Progress Report Submitted	06/01/2013		X			
Cultural Resources Complete	06/30/2013	RCO to complete consultation through EO-05-05. NO GROUND DISTURBING ACTIVITIES CAN PROCEED UNTIL CONSULTATION IS COMPLETE.	X			
Special Conditions Met	07/01/2013	Hydrologic monitoring devices deployed	X			
Annual Project Billing	07/31/2013	and at least once per year, thereafter	X			
Draft Plan to RCO	12/01/2013	Preliminary Habitat Analysis Report	X			
Special Conditions Met	12/01/2013	Data gap analysis complete	X			
Progress Report Submitted	12/31/2013		X			
Annual Project Billing	12/31/2013	including backup documents	X			
Progress Report Submitted	03/31/2014		X			
Cultural Resources Complete	03/31/2014	RCO to complete consultation on additional work through EO-05-05. NEW WELLS ARE ADJACENT TO EXISTING WELLS (already consulted for wells in that location). NO ADDITIONAL CONSULTATION NEEDED.	X			
Annual Project Billing	03/31/2014	including backup documents	X			
Progress Report Submitted	06/30/2014		X			
Annual Project Billing	06/30/2014	including backup documents	X			
Progress Report Submitted	09/30/2014		X			
Annual Project Billing	09/30/2014	including backup documents		X	10/17/2014	Vendor back-up document delays
Draft Plan to RCO	11/01/2014	Draft Habitat Analysis and Conceptual Restoration Designs (Technical Work Group and stakeholder presentations)				
Progress Report Submitted	12/31/2014					

Annual Project Billing	12/31/2014	including backup documents
Special Conditions Met	03/01/2015	Restoration Design Alternative Review (Technical Work Group Presentations)
Final Plan to RCO	03/31/2015	Hydrologic Monitoring Report to RCO
Progress Report Submitted	03/31/2015	
Annual Project Billing	03/31/2015	including backup documents
Final Plan to RCO	06/01/2015	Feasibility Study Deliverables and Conceptual Restoration Designs
Final Report in PRISM	06/30/2015	
Agreement End Date	06/30/2015	PROJECT CLOSING. All expenditures must be prior to this date.
Progress Report Submitted	06/30/2015	
Annual Project Billing	06/30/2015	including backup documents
Final Billing to RCO	08/01/2015	including backup documents

PERMITS

Type	Applied Date	Received Date	Expiration Date	Permit Number	Comments
Archeological & Cultural Resoures (EO 05-05)	03/11/2013	3/11/2013		05-05	RCO determination ATT. #24
Hydraulics Project Approval [HPA]	06/03/2013	6/27/2013	11/30/2014	130937-1	Scientific research
Hydraulics Project Approval [HPA]	06/18/2014	8/1/2014	9/19/2014	2014-3-5+01	Gold Cr. hydologic experiment.