



The Restoration Partnership (Partnership) is a collaborative effort comprising the Coeur d'Alene Basin Natural Resource Trustees which are the U.S. Department of the Interior, represented by the U.S. Fish and Wildlife Service (USFWS) and Bureau of Land Management (BLM); the Coeur d'Alene Tribe (Tribe); the U.S. Department of Agriculture, represented by the U.S. Forest Service (USFS); and the State of Idaho, represented by the Idaho Department of Fish and Game (IDFG) and Idaho Department of Environmental Quality (DEQ). The Partnership's primary mission is to recover the natural resources that were injured by releases of mine waste contamination, and compensate for lost human use services of those resources by developing and implementing projects under the framework of a Restoration Plan for the Coeur d'Alene Basin. The following Partnership activities occurred throughout fiscal year 2019 (FY19):

- The Partnership solicited Restoration Project Ideas from the Trustees and the public in the Spring/Summer of FY19 and received 44 Project Ideas of which 4 were considered 'Fast Track' projects; 1) Black Rock Slough Wetland Restoration with IDFG utilizing carryover planning funds for implementation, 2) Canyon Marsh Conservation Easement with USFWS as sponsor, 3) Wolf Lodge Creek Reach 3 streambank stabilization with DEQ as sponsor, and 4) Gene Day Pond Human Use Project with IDFG as sponsor.
- The Trustees utilized the Project Selection Criteria Matrix for the other Project Ideas to determine eligibility and determined that 16 Ideas would advance to Full Application and the Trustees worked with those applicants to develop the full applications of which would be ranked and decisions would be made in FY20.
- Ongoing operations and maintenance continued for wetlands at the Schlepp Agriculture to Wetlands Conversion Pilot Project. The construction and implementation of this restoration project has been completed. For more information visit: http://restorationpartnership.org/wetland_restoration_project.html.
- The Trustees continued to test and refine the administrative process for implementing the FY18 restoration projects and the sponsors worked with the project leads on quarterly reporting and site visits.

- Implementation of the following 13 projects continued in FY19:
 - Wetland and stream enhancement at Cougar Bay on Coeur d’Alene Lake (BLM and USFWS sponsors).
 - Funds Allocated: \$282,000
 - Amount Expended: \$34,667.37
 - NEPA completed, signed E.A., and Cultural Inventory and Assessment completed, and topographic survey underway
 - Development of a native riparian plant nursery adjacent to Hepton Lake and the St. Joe River (Tribe sponsor).
 - Funds Allocated: \$205,462
 - Amount Expended: \$70,269
 - Total acres planted: 17 acres
 - Cultural Harvest opportunities in the Hangman Creek Watershed (Tribe sponsor).
 - Funds Allocated: \$97,335
 - Amount Expended: \$0
 - Currently assessing new access point location
 - Culturally Significant Plants in the Hangman Creek (Tribe sponsor).
 - Funds Allocated: \$187,770
 - Amount Expended: \$10,733.62
 - Total acres planted: 3 acres with 50 lbs. native Camas
 - Coeur d’Alene Lake Monitoring and Modeling (Tribe sponsor).
 - Funds Allocated: \$268,668
 - Amount Expended: \$73,562.08
 - Successfully sampled the Coeur d’Alene River 18 times (2 sampling stations), the St. Joe River 9 times (1 station), and Coeur d’Alene Lake 9 times (2 stations)
 - Coeur d’Alene Lake Education and outreach (Tribe sponsor).
 - Funds Allocated: \$81,008
 - Amount Expended: \$33,942.39
 - Total highschool students engaged: 500
 - Hepton Lake (*Gul Hnch ’mchinmsh*) Wetland Restoration Planning (Tribe sponsor).
 - Funds Allocated: \$ 210,900
 - Amount Expended: \$ 94,185.00
 - Cultural Resource Inventory and Assessment underway, 90% Design getting finalized, approval of project progress approved by Tribal Council, B.A. and other permit applications underway.

- Wetlands restoration planning at Gray’s Meadow (IDFG sponsor).
 - Funds Allocated: \$ 250,000
 - Amount Expended: \$39,520.41
 - Integrated design team assembled. Ongoing characterization, hydrological, topographic, and delineation assessment to address data gaps. Target 30% design draft for stakeholder review late spring 2020.

- Gene Day Pond Fishing Access (IDFG sponsor)
 - Funds Allocated: \$25,000
 - Amount Expended: \$0
 - Resolving unanticipated TOC related coordination delays.

- Black Rock Slough Wetland enhancement (IDFG sponsor)
 - Funds Allocated: \$75,000
 - Amount Expended: \$0
 - Under contract. Resolving unanticipated TOC permit delays.

- St. Joe River Streambank Stabilization and Vegetation Project (DEQ sponsor)
 - Funds Allocated: \$3,500
 - Amount Expended: \$3,500
 - Total streambank restored: 1,500 feet

- Wolf Lodge Creek Reach 3 Stream Restoration and Habitat Enhancement Project (DEQ sponsor)
 - Funds Allocated: \$195,814
 - Amount Expended: \$0
 - Total streambank assessed: 2,000 feet

- Conservation of Agricultural to Wetlands Conversion Properties within Canyon Marsh (USFWS sponsor).
 - Funds Allocated: \$801,480
 - Amount Expended: \$41,037
 - Total acres secured: 420 acres

- Conservation of Agricultural to Wetlands Conversion Property Gleason’s Marsh (USFWS sponsor).
 - Funds Allocated: \$656,140
 - Amount Expended: \$23,897
 - Total acres secured: 255 acres

This year the Trustees assessed or restored:

- 675 acres of wetlands secured through Conservation Easements
- 3,500’ stream/riverbank
- 21 acres of native willows and Camas planted
- 500 highschool students throughout the Basin educated

Total Funds Awarded: \$3,340,077

Total Funds Expended in FY19: \$465,708.50

For more detailed information on the above projects in detail, please find the Annual Reports attached.



Project Title: Cougar Bay Wetland Enhancement

Project Approval Date: 8-9-18
Trustee Council Resolution #: 44

Reporting Year FY2019

Partnership Funds Expenditures

Funds Allocated: \$282,000
Funds Spent this Quarter: \$34,667.37
Funds Spent this Fiscal Year: \$34,667.37

A. GENERAL INFORMATION

Project Proponent Name: *Mike Stevenson*
Primary Telephone Number: *208-769-5024*
Email: *cstevenson@blm.gov*

Project Sponsor Name (if applicable): *US Bureau of Land Management*
Primary Telephone Number: *208-769-5024*
Email: *cstevenson@blm.gov*

B. PROGRESS DESCRIPTION

- 1) Include a description of project accomplishments this reporting period. Describe progress in securing required permits, quantify, as appropriate, x number of acres or habitat restored, and completion of any compliance documents as described in your original application.
 - a. Continued collaboration with Army Corps of Engineers on permitting requirements. Also, collaborating with The Nature Conservancy and adjacent landowner in support of future design work. Met onsite with Idaho Transportation Department (IDOT) regarding planned placement of fill in highway ditch (within their R-O-W). They are supportive and will issue an encroachment permit.
 - b. Cultural inventory contract was completed.
 - c. Environmental Analysis (EA) was completed by BLM.
- 2) Describe any challenges which may have delayed progress this quarter, and how those challenges were/may be overcome. Include any changes to project specifications originally proposed in your application. N/A

C. EXPENDITURES -Use the budget template to fill in all project expenditures this fiscal year.

- 1) Please describe any unforeseen expenditures. N/A



Project Update Form

Project Expenditures: FY19 Oct. 1, 2018- September 30, 2019

Consumable budget \$282,000 (transfer to FWS \$190,000)	Q1 Oct-Dec	Q2 Jan-Mar	Q3 Apr-June	Q4 July-Sept	Annual
Salaries/Fringe	–	–	–	\$24,149.37	\$24,149.37
Travel	–	–	–	\$0	\$0
Supplies	–	–	–	\$0	\$0
Equipment	–	–	–	\$0	\$0
Contractual	–	–	–	\$ 10,518 (cultural inv)	\$ 10,518 (cultural inv)
Permitting	–	–	–	–	–
Long-term operation and maintenance	–	–	–	–	–
Monitoring	–	–	–	–	–
Other	–	–	–	–	–
Total Direct Costs	–	–	–	\$34,667.37	\$34,667.37
Indirect Costs		\$0	\$0	\$0	\$0
Total					\$34,667.37 (BLM expenditures)

D. PROJECT PARTNERS

- 1) Please describe the involvement of project partners (or new partners acquired) this reporting period, if applicable.

Collaborated with USFWS to transfer part (\$190K) of the overall project budget of \$282,000 from BLM to USFWS. This will greatly improve the efficiency of contracting on-the-ground work due to severe limitations in current BLM procurement staffing.

E. MEASURES OF SUCCESS – [Annual and Project Close-out reports only]

Describe monitoring efforts (if completed) that measures or evaluates the success and the effectiveness of the restoration project. The success, viability and sustainability of the restoration project should be documented at completion. For example, one of the identified restoration goals for this Solicitation includes restoring wetland habitat. Therefore, restoration projects attempting



Project Update Form

to restore wetland resources will need to document a long term, quantitative increase in wetland habitat quality and/or corresponding migratory waterfowl use of the restored area.

- 1) Describe measures of success and how each is related to the goals and objectives of the proposed project. N/A
- 2) Describe performance standards for all phases of the restoration project and describe how the project will be certified as complete and successful. N/A



Project Title: Native Willow Nursery for Support of Restoration Actions throughout the Restoration Partnership Project Area

Project Approval Date: August 9, 2018

Trustee Council Resolution #: 44

Reporting Quarter/FY: Quarter 4 / FY2019 Annual

Partnership Funds Expenditures

Funds Allocated: \$205,462

Funds Spent this Quarter: \$866.62

Funds Spent this Fiscal Year: \$70,269.60

A. GENERAL INFORMATION

Project Proponent Name: Thomas Biladeau

Primary Telephone Number: (208)686-6307

Email: tbiladeau@cdatribe-nsn.gov

Project Sponsor: Coeur d'Alene Tribe

Primary Telephone Number: (208)686-1800

B. PROGRESS DESCRIPTION

- 1) Continued maintenance of the nursery location was completed during this reporting quarter which included mowing of canary grass and the construction and installation of access gates.

C. EXPENDITURES

- 1) No unforeseen expenditures have occurred throughout this reporting period.
- 2) \$63,842.48 was provided by matching, non-Partnership funds for this project throughout the 2019 fiscal year. Indirect costs were included in the above matching value. There were no salaries charged to the Partnership during FY19.

Project Expenditures: **FY19 Oct 1, 2018- September 30, 2019**

	Q1 Oct - Dec	Q2 Jan - Mar	Q3 Apr - Jun	Q4 July-Sept	Annual
Salaries/Fringe	\$0	\$0	\$0	\$5,386.74	\$5,386.74
Travel	\$0	\$0	\$0	\$0	\$0
Supplies	31,384.54	14,943.36	17,902.50	\$866.62	65,097.02
Equipment	\$0	\$0	3,200	\$0	3,200
Contractual	\$0	\$0	\$0	\$0	\$0
Permitting	\$0	\$0	\$0	\$0	\$0
Long-term operation and maintenance	\$0	\$0	\$0	\$0	\$0
Monitoring	\$0	\$0	\$0	\$0	\$0
Other	1,972.58	\$0	\$0	\$0	\$1,972.58
Total Direct Costs	\$33,357.12	\$14,934.36	\$21,102.50	\$6,399.04	\$75,793.02
Indirect Costs	\$0	\$0	\$0		\$0
Total					\$75,793.02

D. PROJECT PARTNERS

1) All work during this quarter has been completed by the Coeur d'Alene Tribe Fisheries Program.

E. MEASURES OF SUCCESS

- The goal for this project is to establish a stooling bed for native willows in order to support riparian and floodplain restoration projects. During FY 2019, 4 species of willow were planted with an estimated overall survival rate of 87%. The highest survival rates were observed in Pacific and Makenzie willow, estimated to be 95%. The lowest survival rate was observed in Sitka willow, estimated to be 70%. Estimated survival rate of the Drummond willow is 90%. The entire established nursery (100%) has been mowed in order to maintain access.**



**Project Title: Cultural Harvest Opportunities within the Coeur d'Alene
Reservation****Project Approval Date: August 28, 2018****Trustee Council Resolution #: 44****Reporting Quarter/FY: Quarter 4/FY2019 Annual****Partnership Funds Expenditures****Funds Allocated: \$97,335.00****Funds Spent this Quarter: \$0.00****Funds Spent this Fiscal Year: \$0.00****A. GENERAL INFORMATION****Project Proponent Name: Thomas Biladeau****Primary Telephone Number: (208)686-6307****Email: tbiladeau@cdatribe-nsn.gov****Project Sponsor: Coeur d'Alene Tribe****Primary Telephone Number: (208)686-1800****B. PROGRESS DESCRIPTION**

- 1) No work has been completed during this quarter.
- 2) Bonneville Power Administration has asked the Coeur d'Alene Tribe to provide them with an updated management plan for the Sheep Creek Wildlife Mitigation Property that includes the proposed harvest access road and parking area. This will delay any construction activities that were planned for 2019 until the summer of 2020.

C. EXPENDITURES**1) NA****2) \$3,031.71 was provided by matching, non-Partnership funds for this project throughout the 2019 fiscal year.**

Project Expenditures: **FY19 Oct 1, 2018- September 30, 2019**

	Q1 Oct - Dec	Q2 Jan - Mar	Q3 Apr - Jun	Q4 July-Sept	Annual
Salaries/Fringe					
Travel					
Supplies					
Equipment					
Contractual					
Permitting					
Long-term operation and maintenance					
Monitoring					
Other					
Total Direct Costs					\$0.00
Indirect Costs					\$0.00
Total					\$0.00

D. PROJECT PARTNERS

1) NA

E. MEASURES OF SUCCESS – [Annual and Project Close-out reports only]

No monitoring efforts have been initiated for this project. No evaluation of success has been initiated for this project.



Project Title: *ut qhesu'lumkhw* (land is good again)
Cultural Significant Plant Restoration

Project Approval Date: August 9, 2018
Trustee Council Resolution #: 44

Reporting Quarter/FY: 4th Quarter / FY2019 Annual

Partnership Funds Expenditures

Funds Allocated: \$187,770.00
Funds Spent this Quarter: \$3,149.55
Funds Spent this Fiscal Year: \$10,733.62

A. GENERAL INFORMATION

Project Proponent Name: Gerald I. Green, Coeur d'Alene Tribe Wildlife Program
Primary Telephone Number: 208-686-0312
Email: ggreen@cdatribe-nsn.gov

Project Sponsor Name: Coeur d'Alene Tribe
Primary Telephone Number: 208-667-5772
Email: rstevens@cdatribe-nsn.gov

B. PROGRESS DESCRIPTION

1) Summary of 4th Quarter Accomplishments:

During July of the 4th quarter of FY2019, camas seed was gathered in preparation for restoring camas to a field along Hangman Creek. In August, camas seed gathered from nearby National Forest land was purchased to supplement the seed gathered from Hangman Creek. Since the seed was gathered nearby, it was considered to be of local genetic stock. During September, the field targeted for camas seed broadcast, was burned to improve the probability of the seed contacting the soil and to provide a flush of nutrients for seed germination.

Approximately 50 pounds of camas seed has been gathered between the summer of 2018 and 2019. This is enough seed to broadcast approximately 3 acres (at 16.7 pounds per acre). The burn covered a sufficient area, and the amount of seed, while not enough to cover the entire field, is enough to cover a large portion of the segment that was burned. Seed dispersal is scheduled for late October or early November, which will place the seed on the ground prior to the initiation of seasonal precipitation but minimize the duration of seed exposure to bird and rodent foraging.

2019 Accomplishments:

Accomplishments for 2019 center around preparing for, or laying the ground work for, future efforts to return native plants of Coeur d'Alene Cultural significance to habitats that lack this Tribal resource but that could support them. Preparation

tasks included:

- The completion of a drone flight to determine the best location for habitats dominated by cedar verses aspen streamside habitats along the North Fork of Rock Creek. The dominant over-story tree species can determine the understory vegetation resources.
- Locations of seed sources for plants of cultural significance were identified and mapped.
- An intern position was established. The position depends only to a very minor extent on funds from this Cultural Significant Plant Restoration budget. The intern will oversee summer youth during the gathering of camas seed during coming year.
- Prescribed fire was used to prepare a field, previously targeted through education and management efforts, for the dispersal of camas seed.
- An additional 25 pounds of camas seed was collected during the summer of 2019. This seed will be combined with the 25 pounds gathered in 2018 and dispersed over approximately 3 acres of the field burned specifically in preparation for the camas seed.

- 2) Describe any challenges which may have delayed progress this quarter, and how those challenges were/may be overcome. Include any changes to project specifications originally proposed in your application:

Summary of 4th Quarter Challenges:

There were two serious challenges to the camas field restoration. First, seed gathering depends on having the appropriate manpower to gather an abundant supply of seed during the one to two week period when seed is available. This summer, we scheduled seed gathering in May for the third week of July, which was consistent with seed availability that we have seen in past years. However, by the third week the seed pods had opened and the seeds were already largely dispersed. This resulted in Staff only gathering about 3 gallons of seed. Luckily, Project Staff had arranged to purchase seed gathered from local genetic stock and this seed, combined with the seed gathered and purchased last year is enough to broadcast over 3 acres in a field targeted as a camas restoration site.

The second challenge was in burning a minimum of three acres of the established native wet meadow grasses in order to maximize the amount of camas seed that will contact the soil and provide a flush of nutrients for seed germination. September was largely a wet month, and on days of little precipitation, winds were too high to allow for prescribed fire. A permit for the burning was easily acquired, but timing the burn was difficult gives the prevailing weather conditions. We also had to request help from the Coeur d'Alene Fire Management Staff and former Fire Management Staff in order to have sufficient manpower to complete the prescribed burn. The prescribed fire was completed on Wednesday, the 25th, the only day in September that was suitable for burning. The burn met all the objectives and the field is ready for planting. Timing a burn is difficult because the burn permit, while arranged well in advance, can only be issued on the day of the burn. We were issued the burn permit at 8:00AM for a start time of 11:00AM. All the tools and manpower were arranged in advance, however organizing in such a short order presented some confusion. The burn proceeded as planned with no complications;

however some changes as to how tasks are assigned will be implemented in any future burns. Also, additional tools, such as radios will assist in directing the crew in ever-changing weather conditions.

Challenges encountered during FY2019

FY2019 was largely devoted to planning and preparation. Challenges for the year largely entailed flushing out where best to begin restoration activities. Two major areas were identified; flood plain along Hangman Creek upstream of Highway 95 and the floodplains along the North Fork of Rock Creek. The Coeur d'Alene Tribe owns extensive properties along these stream courses and the Tribe's Wildlife Program is in the process of restoring in-stream and floodplain habitats along these stream reaches. The restoration of culturally significant plants can provide important additional diversity and include resources that have been missing along these stream courses.

C. EXPENDITURES -Use the budget template to fill in all project expenditures this fiscal year.

1) Please describe any unforeseen expenditures

No unforeseen expenditures were encountered in FY2019.

2) Please describe other cost share or contributing funds.

There were two other sources of contributing funds for the restoration of native habitats within the Hangman Watershed. The Bonneville Power Administration (BPA) is the source of funds for the Hangman Restoration Project (#2001-033-00) and the Avista Corporation funds wetlands mitigation, a portion of which is undertaken in the Hangman Watershed.

The Bonneville Power Administration expended \$317,750 on 6 Project Sites within the Hangman Watershed. The primary strategy of this restoration project is to restore floodplains to reduce in-stream red-band limiting factors like high temperatures, high sediment loads, and flashy flow conditions. Restoration plantings favor shrubs and trees of the Salicaceae that provide food and building materials for beaver. Beaver, in turn, improve instream habitats by constructing dams that trap sediment, reduce stream temperatures and provide pools. Included within these expenditures is the hiring of summer youth that gather seed from native plants for this Cultural Significant Plant Restoration effort.

The Avista Corporation expended \$71,892.37 for wetland restoration and management. The strategy for this wetland mitigation is completely consistent with the BPA strategies and complements this Cultural Significant Plant Restoration effort. In addition to the restoration and management expenditures, the Avista Corporation expended \$1,144,500 to purchase a 348-acre property that encompasses 79.8 acres of Wildlife Priority Habitat. Management of properties purchased for wetlands mitigation focuses on maximizing the wetlands within the floodplain to support instream habitats for fish. However, there are many opportunities to establish Cultural Significant Plants on all habitats within these properties.

Project Expenditures: FY19 October 1, 2018 through September 30, 2019

	Q1 Oct - Dec	Q2 Jan - Mar	Q3 Apr - Jun	Q4 Jul - Sept	Annual
Salaries/Fringe			\$213.31	\$533.84	\$747.15
Travel					
Supplies				\$2,400.00	\$2400.00
Equipment					
Contractual			\$7,298.40		\$7,298.40
Permitting				\$16.00	\$16.00
Long-term operation and maintenance					
Monitoring					
Other					
Total Direct Costs			\$7,511.71	\$2,949.84	\$10,461.55
Indirect Costs			\$72.36	\$199.71	\$272.07
Total			\$7,584.07	\$3,149.55	\$10,733.62

D. PROJECT PARTNERS

- 1) Please describe the involvement of project partners (or new partners acquired) this reporting period, if applicable.

The Bonneville Power Administration funded Hangman Terrestrial Restoration Project typically restores habitats to allow floodplains to function as storage for moisture that can be slowly released into the streams for support flows during the dry period. During the fourth quarter, funded the removal of debris from Project Sites, the survey of Project Sites for beaver dams, reinforcement of beaver dams, the identification of additional project sites, maintained access restrictions, evaluated survival of plantings, and completed the FY2018 Annual Report.

The Avista Corporation Wetland Mitigation efforts functions similarly to BPA efforts.

Floodplain restoration focuses on reestablishing the natural hydrologic cycle to maximize the distribution of wetlands within properties purchased for this purpose. During the fourth quarter debris was removed (particularly old fencing), meetings were held to begin the development of a forest management plan, fire breaks were mowed in grass dominated fields in case an unplanned fire occurred, and survival of previous year plantings was evaluated, and 2,081 tall-ones of native shrub and tree nursery stock favored by beaver were planted.

E. MEASURES OF SUCCESS – [Annual and Project Close-out reports only]

Describe monitoring efforts (if completed) that measures or evaluates the success and the effectiveness of the restoration project. The success, viability and sustainability of the restoration project should be documented at completion. For example, one of the identified restoration goals for this Solicitation includes restoring wetland habitat. Therefore, restoration projects attempting to restore wetland resources will need to document a long term, quantitative increase in wetland habitat quality and/or corresponding migratory waterfowl use of the restored area.

1) Describe measures of success and how each is related to the goals and objectives of the proposed project.

Seed sources for camas and *L. canbyi* were identified and mapped. Potential locations of cedar versus Salicaceae were identified. Also, locations where cedar and white pine can be established in uplands were identified. This information will be used to guide further establishment of native vegetation by identifying sources of seed and planting sites for native trees.

Approximately 50 pounds of camas seed has been gathered over the last two years. This seed will be broadcast over a field that has been treated prescribed fire during the last week of September to maximize the probability that the seed will contact the soil.

2) Describe performance standards for all phases of the restoration project and describe how the project will be certified as complete and successful.

As is the case with all efforts to restore Cultural Significant Plants in the Hangman Watershed, the camas restoration in the single field burned in September will be considered successful when there is enough camas to entice harvest.



Project Title: *chdelm khwa chatq'ele'et* Part B – Monitoring and Modeling Coeur d'Alene Lake's Response to Restoration

Project Approval Date: August 9, 2018

Trustee Council Resolution #: 44

Reporting Quarter/FY: Quarter 4/ FY2019 Annual

Partnership Funds Expenditures

Funds Awarded: \$268,668.00

Funds Spent this Quarter: \$20,138.76

Funds Spent this Fiscal Year: \$73,562.08

A. GENERAL INFORMATION

Project Proponent Name: Dale Chess, Coeur d'Alene Tribe. Lake Management Department

Primary Telephone Number: 208.686.1803

Email: dchess@cdatribe-nsn.gov

Project Sponsor Name (if applicable): Coeur d'Alene Tribe

Agency: Coeur d'Alene Tribe

Primary Telephone Number: (208) 667-5772

Email: rstevens@cdatribe-nsn.gov

B. PROGRESS DESCRIPTION

1) Include a description of project accomplishments this reporting period. Describe progress in securing required permits, quantify, as appropriate, x number of acres or habitat restored, and completion of any compliance documents as described in your original application.

- On January 28 and 29, sampled the Coeur d'Alene River (CDAHarr), St. Joe River (SJ1) and Coeur d'Alene Lake (C5). Did not sample Chatcolet Lake (C6) as it was frozen.
- On April 23 and 24, successfully sampled the Coeur d'Alene River (CDAHarr), St. Joe River (SJ1) and Coeur d'Alene Lake (C5) and Chatcolet Lake (C6).
- On May 28 and 29, successfully sampled the Coeur d'Alene River (CDAHarr), St. Joe River (SJ1) and Coeur d'Alene Lake (C5) and Chatcolet Lake (C6).
- On June 24 and 25, successfully sampled the Coeur d'Alene River (CDAHarr), St. Joe River (SJ1) and Coeur d'Alene Lake (C5) and Chatcolet Lake (C6).

- On July 22 and 23, successfully sampled the Coeur d'Alene River (CDAHarr), St. Joe River (SJ1) and Coeur d'Alene Lake (C5) and Chatcolet Lake (C6).
- On June 24 and 25, successfully sampled the Coeur d'Alene River (CDAHarr), St. Joe River (SJ1) and Coeur d'Alene Lake (C5) and Chatcolet Lake (C6).
- On August 20 and 22, successfully sampled the Coeur d'Alene River (CDAHarr), St. Joe River (SJ1) and Coeur d'Alene Lake (C5) and Chatcolet Lake (C6).
- On September 16 and 17, successfully sampled the Coeur d'Alene River (CDAHarr), St. Joe River (SJ1) and Coeur d'Alene Lake (C5) and Chatcolet Lake (C6). Did the annual side-by-side sampling with IDEQ as part of the EPA QAPP.
- On October 21 and 22, successfully sampled the Coeur d'Alene River (CDAHarr), St. Joe River (SJ1) and Coeur d'Alene Lake (C5) and Chatcolet Lake (C6).

2) Describe any challenges which may have delayed progress this quarter, and how those challenges were/may be overcome. Include any changes to project specifications originally proposed in your application.

- Was unable to sample the Coeur d'Alene River, St. Joe River and Coeur d'Alene Lake in February and March due to ice cover.

C. EXPENDITURES -Use the budget template to fill in all project expenditures this fiscal year.

1) Please describe any unforeseen expenditures

- Total Matching Contributions for the Fiscal Year \$183,779

Project Expenditures: FY19 Oct 1, 2018- September 30, 2019

	Q1 Oct - Dec	Q2 Jan - Mar	Q3 Apr - Jun	Q4 July-Sept	Annual
Salaries/Fringe	\$3,702.22	\$14,867.17	\$16,078.91	\$8,617.38	\$43,265.68
Travel	\$0	\$0	\$0	\$0	\$0
Supplies	\$0	\$480.72	\$0	\$131.79	\$612.51
Equipment	\$0	\$0	\$0	\$352.80	\$352,80
Contractual	\$0	\$0	\$0	\$0	\$0
Permitting	\$0	\$0	\$0	\$0	\$0
Long-term operation and maintenance	\$0	\$0	\$0	\$0	\$0
Monitoring	\$0	\$1,935.00	\$2,022.00	\$7,313.00	\$11,270.00
Other (boat fuel)	\$254.97	\$0	\$492.35	\$57.00	\$804.32
Total Direct Costs	\$3,957.19	\$17,282.89	\$18,593.26	\$16,471.97	\$56,305.31
Indirect Costs	\$1,436.57	\$6,014.28	\$6,139.13	\$3,666.79	\$17,256.77
Total	\$5,393.76	\$23,297.17	\$24,732.39	\$20,138.76	\$73,562.08

D. PROJECT PARTNERS

- 1) Please describe the involvement of project partners (or new partners acquired) this reporting period, if applicable.

E. MEASURES OF SUCCESS – [Annual and Project Close-out reports only]

Describe monitoring efforts (if completed) that measures or evaluates the success and the effectiveness of the restoration project. The success, viability and sustainability of the restoration project should be documented at completion. For example, one of the identified restoration goals for this Solicitation includes restoring wetland habitat. Therefore, restoration projects attempting to restore wetland resources will need to document a long term, quantitative increase in wetland habitat quality and/or corresponding migratory waterfowl use of the restored area.

- 1) Describe measures of success and how each is related to the goals and objectives of the proposed project. **N/A ongoing**
- 2) Describe performance standards for all phases of the restoration project and describe how the project will be certified as complete and successful.
 - **N/A ongoing**

Project Title:*chdelm khwa chatq'ele'et***Part A-Coeur d'Alene Lake Management Plan Outreach and Implementation****Project Approval Date: August 9, 2018****Trustee Council Resolution #: 44****Reporting Quarter/FY: Quarter 4 / FY2019-Annual****Partnership Funds Expenditures****Funds Allocated: \$81,008****Funds Spent this Quarter: \$ 8,602.29****Funds Spent this Fiscal Year: \$33,942.37****A. GENERAL INFORMATION****Project Proponent Name: Rebecca Stevens****Primary Telephone Number: 208-667-5772****Email: rstevens@cdatribe-nsn.gov****Project Sponsor: Coeur d'Alene Tribe****Primary Telephone Number: 208-667-5772****Email: rstevens@cdatribe-nsn.gov****B. PROGRESS DESCRIPTION**

1) Include a description of project accomplishments this reporting period. Describe progress in securing required permits, quantify, as appropriate, x number of acres or habitat restored, and completion of any compliance documents as described in your original application.

Objective 1:

- Throughout the 4th quarter there was extensive planning for the Our Gem Symposium with a Steering Committee made up of Uofl Coeur d'Alene, CDA2030, DEQ, the Coeur d'Alene Chamber of Commerce, and Dunau and Associates. Tribal staff met with the Governor's office North Idaho Director throughout the quarter to inform him of the issues surrounding Coeur d'Alene Lake in preparation of the Symposium.
- Ongoing coordination and marketing for this symposium will continued this quarter.

Objective 2:

- Tribal staff worked with DEQ on revisions to the Our Gem map and Lake*A*Syst materials which will be printed in FY20.

Objective 3:

- The Confluence Project Workshop was held with the following schools: Coeur d'Alene, Kellogg, Lake City, Lakeland, Lakeside, St. Maries, Timberlake, Venture, Paradise

Creek, and Wallace.

- Water Quality sampling workshops were held with 3 of the schools during the 4th Quarter.
- CoeurFest was held on 9-7-19 and approximately 1,500 local community members attended. The following Natural Resource booths 1) U of I and DEQ- plankton and macroinvertebrates identification booth, 2) U of I- Interactive Stream model, 3) Idaho Forest Group- Forest stewardship & timber harvest, 4) Idaho State Dept. of Agriculture (ISDA)- Simulated boat check station, display mussel-encrusted substrates, 5) CDA Tribe- Canoe building and Tribal family experience sharing, 6) BLM- mammal trunk and bird displays for hands on outreach, 7) IDPR- North Idaho outdoor camping experience, 8) Tubbs Hill Foundation interpretive trail experience, 9) PHD- Lead Intervention Program in the Silver Valley, 10) Hecla- “Mine Water Treatment Principles and Health, Safety, and Environmental Management Strategies in the 21st Century, 11) City of Coeur d’Alene- Stormwater Education, and 12) Kootenai Environmental Alliance: Showcasing Gathering Garden Workshops, Programs, and Opportunities.

Objective 4:

- Collaborated with UofI Water Resource Center to provide Baywatchers training to 15 community members.
- 2) Describe any challenges which may have delayed progress this quarter, and how those challenges were/may be overcome. Include any changes to project specifications originally proposed in your application.
- Due to the original Symposium date of September conflicting with Lake sampling and monitoring, the Trustees were amenable to moving the Symposium to FY20 on November 6, 2019. The DEQ and Tribal Limnologists are now able to participate in the Symposium.
 - Due to staff turnover at the Idaho Department of Health and Welfare, the revised Fish Consumption Advisory was not finalized during FY19 therefore; the revised Our Gem map won’t be produced until FY20.

C. EXPENDITURES

- 1) Please describe any unforeseen expenditures. **N/A**
- 2) Please describe other cost share or contributing funds. **N/A**

Project Expenditures: FY19 Oct 1, 2018- September 30, 2019

	Q1 Oct - Dec	Q2 Jan - Mar	Q3 Apr - Jun	Q4 July-Sept	Annual
Salaries/Fringe	\$3,878.20	\$7,945.81	\$4,759.87	\$6,047.18	\$22,631.18
Travel	\$0	\$0	\$0	\$0	\$0
Supplies	\$0	\$0	\$0	\$0	\$0
Equipment	\$0	\$0		\$0	
Contractual (Honorarium)	\$0	\$0	(\$50.00)	\$0	(\$50.00)
Permitting	\$0	\$0	\$0	\$0	\$0
Long-term operation and maintenance	\$0	\$0	\$0	\$0	\$0
Monitoring	\$0	\$0	\$0	\$0	\$0
Other (Community Activities)	\$0	\$1,500.00	\$0	\$0	\$1,500.00
Total Direct Costs	\$3,878.20	\$9,445.81	\$4,709.87	\$6,047.18	\$24,081.06
Indirect Costs	\$1,545.15	\$3,589.03	\$2,172.02	\$2,554.99	\$9,861.19
Total	\$5,423.35	\$13,034.84	\$6,881.89	\$8,602.29	\$33,942.37

D. PROJECT PARTNERS

1) Please describe the involvement of project partners (or new partners acquired) this reporting period, if applicable.

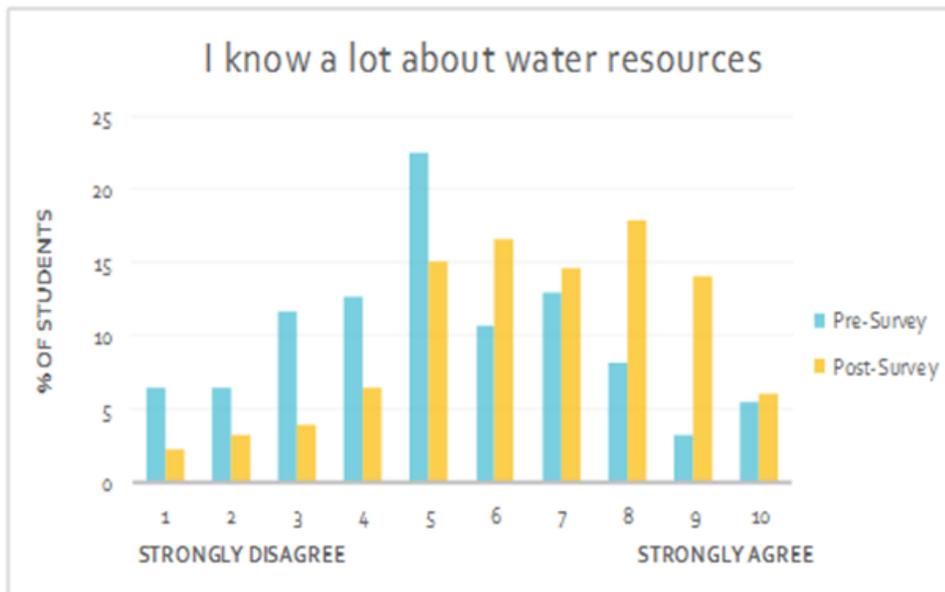
- Throughout the ongoing Our Gem map and Lake*A*Syst revisions Tribal staff worked with DEQ, the Basin Environmental Improvement Project Commission, ISDA, the RP, Kootenai County Noxious Weeds, IDFG, and PHD.
- Throughout the reporting period, Tribal staff worked closely with Uofl Coeur d'Alene, DEQ, CDA2030, and the CDA Chamber of Commerce developing the Our Gem Symposium Program.
- The following partners were confirmed for the Symposium: CDA Chamber of Commerce, Coeur d'Alene Tribe, High Country News, Governor Little's office, Kootenai County Commissioners, Idaho Conservation League, Alta Engineering, Silver Valley Economic Development, NIC, CDA Realtor's, Liberty Lake Water and Sewer, Mayor of Coeur d'Alene,

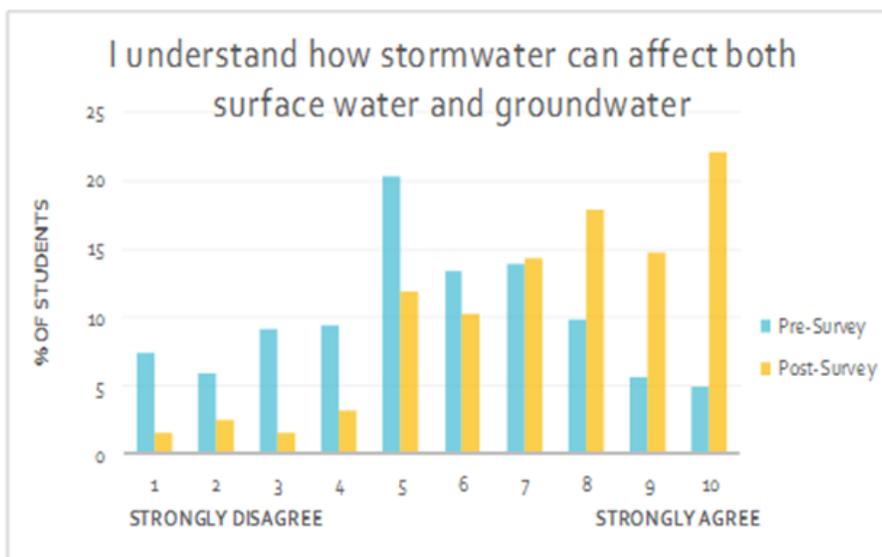
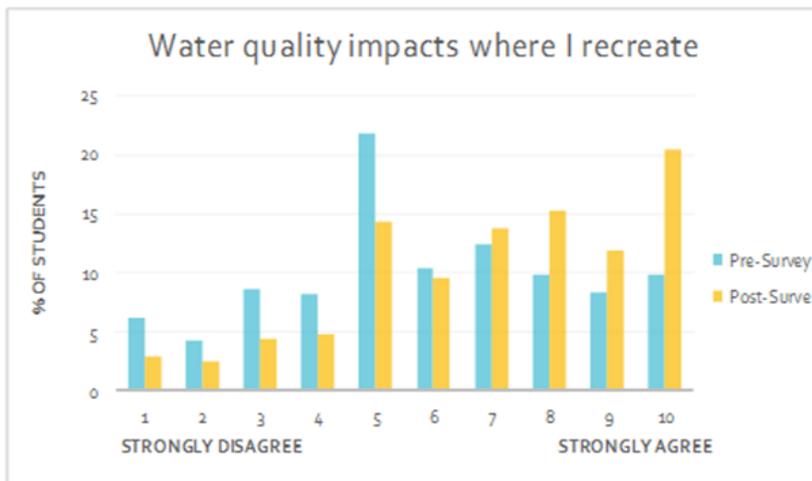
**UofI Water Resources Center, Dr. Paul F. Woods
(retired USGS Limnologist) and the CDA Lakeshore Property Owners Assoc.**

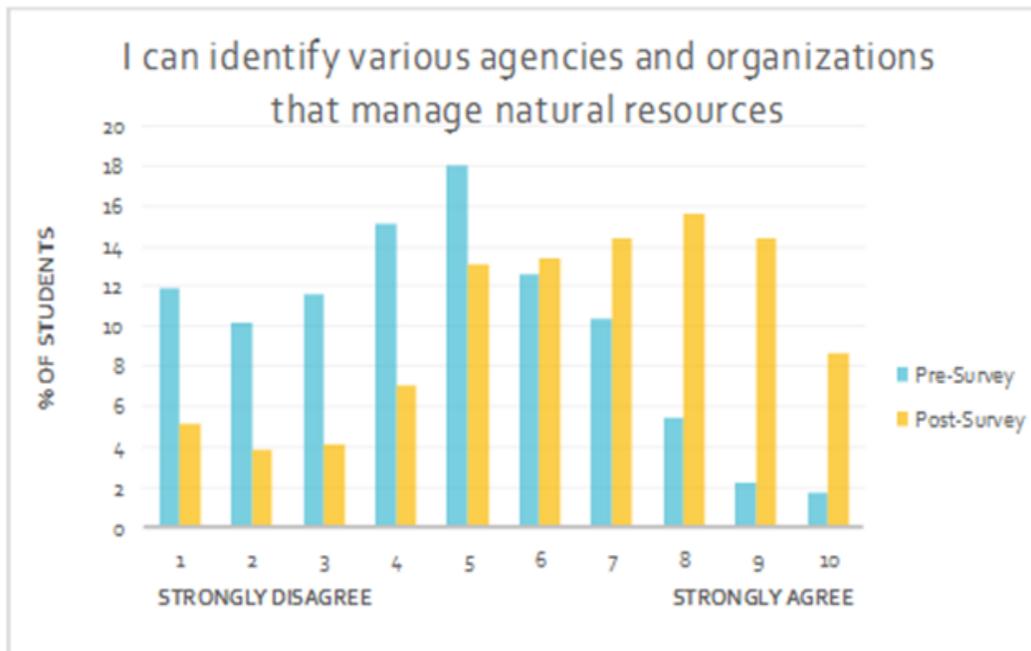
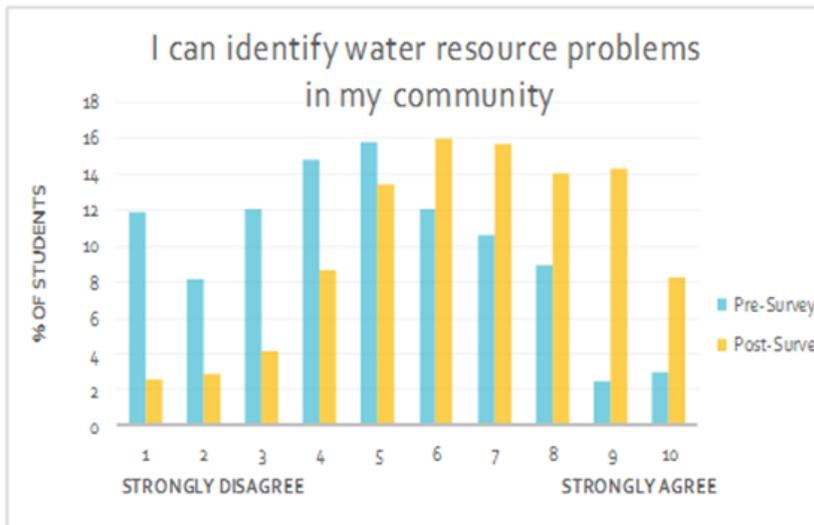
E. MEASURES OF SUCCESS – [Annual and Project Close-out reports only]

Describe monitoring efforts (if completed) that measures or evaluates the success and the effectiveness of the restoration project. The success, viability and sustainability of the restoration project should be documented at completion. For example, one of the identified restoration goals for this Solicitation includes restoring wetland habitat. Therefore, restoration projects attempting to restore wetland resources will need to document a long term, quantitative increase in wetland habitat quality and/or corresponding migratory waterfowl use of the restored area.

- 1) Describe measures of success and how each is related to the goals and objectives of the proposed project.
 - **The following bar graphs are outreach results pre and post outreach events.**







2) Describe performance standards for all phases of the restoration project and describe how the project will be certified as complete and successful. **See graphs above.**

Project Title:

Project Part C- Hepton Lake wetland restoration project
Sniyihms he mulshu'Imkhw (Swimmer's Landing among the Cottonwoods)

Project Approval Date: August 28, 2018

Trustee Council Resolution #: 44

Reporting Quarter/FY: Quarter 4 / FY2019 Annual

Partnership Funds Expenditures

Funds Allocated: \$210,900

Funds Spent this Quarter: \$2,203.61

Funds Spent this Fiscal Year: \$94,185.00

A. GENERAL INFORMATION

Project Proponent Name: Coeur d'Alene Tribe

Primary Telephone Number: 208-667-5772

Email: rstevens@cdatribe-nsn.gov

Project Sponsor: Coeur d'Alene Tribe

Primary Telephone Number: 208-667-5772

Email: rstevens@cdatribe-nsn.gov

B. PROGRESS DESCRIPTION

- 1) Include a description of project accomplishments this reporting period. Describe progress in securing required permits, quantify, as appropriate, x number of acres or habitat restored, and completion of any compliance documents as described in your original application.
 - Throughout the 4th Quarter, an official Tribal Interdisciplinary Team (IDTeam) was formed consisting of Wildlife, Fisheries, Aquatic Vegetation, Cultural, Land Management, and Wetland Specialists and Rebecca took on the role as Coordinator of the IDTeam.
 - Some members of the IDTeam worked with Caron Inc. to get trained up on the Engineering survey equipment that was purchased during the 1st Quarter.
 - Tribal staff met with NRCS a couple of times throughout the 4th Quarter to go through the historical Wetland Reserve Program (WRP) documents and staff provided NRCS Engineers and Technicians a site tour of Hepton Lake.
 - Ongoing planning for future restoration activities also continued throughout the through the rest of FY19.

2) Describe any challenges which may have delayed progress this quarter, and how those challenges were/may be overcome. Include any changes to project specifications originally proposed in your application.

- **Due to Hepton Lake being enrolled in the WRP with NRCS, there was an unknown need to produce a WRP Program of Operations prior to any work being conducted on the site. This NRCS requirement was unknown to Tribal staff therefore, delays in moving forward with restoration planning was realized.**
- **Members of the Tribal IDTeam requested to revisit the original proposed design in order to ensure that all natural resource concerns above and beyond migratory waterfowl. This will result in more internal coordination and planning in FY20.**

C. EXPENDITURES -Use the budget template to fill in all project expenditures this fiscal year.

1) Please describe any unforeseen expenditures. **N/A**

2) Please describe other cost share or contributing funds. **N/A**

Project Expenditures: FY19 Oct 1, 2018- September 30, 2019

	Q1 Oct - Dec	Q2 Jan - Mar	Q3 Apr - Jun	Q4 July-Sept	Annual
Salaries/Fringe	\$6,166.71	\$4,905.07	\$7,996.90	750.50	\$19,819.18
Travel	\$0	\$18.00	\$0	\$0	\$18.00
Supplies	\$1,068.45	\$0	\$76.63	\$0	\$1,145.08
Equipment	\$65,028.71	\$396.88	\$0	\$124.28	\$65,549.87
Contractual	\$0	\$0	\$0	\$0	\$0
Permitting	\$0	\$0	\$0	\$0	\$0
Long-term operation and maintenance	\$0	\$0	\$0	\$0	\$0
Monitoring	\$0	\$0	\$0	\$0	\$0
Other (vehicle)	\$0	\$0	\$0	\$1,000.00	\$1,000
Total Direct Costs	\$72,263.87	\$5,319.95	\$8,073.53	\$1,874.78	\$87,532.13
Indirect Costs	\$2,308.11	\$1,854.49	\$2,161.44	\$328.83	\$6,652.87
Total	\$74,571.98	7,174.44	10,234.97	\$2,203.61	\$94,185.00

D. PROJECT PARTNERS

- 1) Please describe the involvement of project partners (or new partners acquired) this reporting period, if applicable.
 - **During the 4th Quarter, a site visit at Hepton Lake with NRCS staff was conducted. The goals of the meeting with NRCS were to determine what restoration efforts can be employed at the site given that it is enrolled in the Wetland Reserve Program. Once there is a revised plan forward, Tribal staff will present their recommendations to the Trustee Council in FY20.**

E. MEASURES OF SUCCESS – [Annual and Project Close-out reports only]

Describe monitoring efforts (if completed) that measures or evaluates the success and the effectiveness of the restoration project. The success, viability and sustainability of the restoration project should be documented at completion. For example, one of the identified restoration goals

for this Solicitation includes restoring wetland habitat. Therefore, restoration projects attempting to restore wetland resources will need to document a long term, quantitative increase in wetland habitat quality and/or corresponding migratory waterfowl use of the restored area.

- 1) Describe measures of success and how each is related to the goals and objectives of the proposed project.
 - **The measures of success were in the re-evaluation of the overall project with Tribal staff serving on the recently formed IDTeam and the development of a timeline and path forward to completing Phase I of this project.**
- 2) Describe performance standards for all phases of the restoration project and describe how the project will be certified as complete and successful. **N/A at this time.**



Project Title: Gray's Meadow

Project Approval Date: 8-9-18

Trustee Council Resolution #: 44

Reporting Quarter/FY: Annual FY 2019

Partnership Funds Expenditures

Funds Awarded: \$250,000

Partnership Funds Spent this Quarter: \$ 24,900* (under contract not invoiced*)

Partnership Funds Spent this Fiscal Year: \$ 39,520.41

A. GENERAL INFORMATION

Project Proponent Name: David Leptich

Primary Telephone Number: 208-769-1414

Email: david.leptich@idfg.idaho.gov

Project Sponsor: Idaho Department of Fish and Game

Agency: Idaho Department of Fish and Game

Primary Telephone Number: 208-769-1414

Email: david.leptich@idfg.idaho.gov

B. PROGRESS DESCRIPTION

1) Include a description of project accomplishments this reporting period. Describe progress in securing required permits, quantify, as appropriate, x number of acres or habitat restored, and completion of any compliance documents as described in your original application.

a. The unified design team core (IDFG, EPA, CDA Trust, Pioneer Technical, Maul Foster, Ducks Unlimited, and USFWS) did not meet face to face this quarter. However, baseline date review and collection to support design work continues by the team. A draft Project Execution Plan (PEP) including milestone target dates was prepared by Maul Foster and reviewed by the team. Pioneer Technical prepared conceptual drawings of micro-topography related wetlands interspersed based on depth relative to mean ground water level. The team is aiming to complete a 30% design for partners to review and comment on in early 2020.

2) Describe any challenges which may have delayed progress this quarter, and how those challenges were/may be overcome. Include any changes to project specifications originally proposed in your application.

a. None. However, perhaps of note IDFG has imposed a no motorized boat restriction on the Gray's Meadow segment of the CDARWMA. This was done after notice in the local papers and a public meeting to hear comments about airboat restrictions here and at the Black Rock Slough segment.



Project Update Form

C. EXPENDITURES -Use the budget template to fill in all project expenditures this fiscal year.

1) Please describe any unforeseen expenditures. None.

Project Expenditures: FY19 Oct 1, 2018-September 30, 2019

	Q1 Oct - Dec	Q2 Jan - Mar	Q3 Apr - Jun	Q4 July-Sept	Annual
Salaries/Fringe					
Travel					
Supplies					
Equipment	\$10,269.26	\$3,803.56			
Contractual			\$547.59		\$24,900*
Permitting					
Long-term operation and maintenance					
Monitoring					
Other					
Total Direct Costs	\$10,269.26	\$3,803.56	\$547.59	10,279.59	\$24,900*
Indirect Costs					
FY 2019 Total					\$39,520.41

* Contractually obligated but not invoiced/expended.

D. PROJECT PARTNERS

1) Please describe the involvement of project partners (or new partners acquired) this reporting period, if applicable.

E. MEASURES OF SUCCESS – [Annual and Project Close-out reports only]

Describe monitoring efforts (if completed) that measures or evaluates the success and the effectiveness of the restoration project. The success, viability and sustainability of the restoration project should be documented at completion. For example, one of the identified restoration goals for this Solicitation includes restoring wetland habitat. Therefore, restoration projects attempting to restore wetland resources will need to document a long term, quantitative increase in wetland

habitat quality and/or corresponding migratory waterfowl use of the restored area.

- 1) Describe measures of success and how each is related to the goals and objectives of the proposed project. Development of a PEP with estimated time line begins to set a benchmark against which progress can be measured.
- 2) Describe performance standards for all phases of the restoration project and describe how the project will be certified as complete and successful. Specific performance standards will be developed in conjunction with 60% and final design documents.



Project Title: Gene Day Pond

Project Approval Date: 5-29-19
Trustee Council Resolution #: 46

Reporting Quarter/FY: Annual FY 2019

Partnership Funds Expenditures

Funds Awarded: \$25,000
Funds Spent this Quarter: \$0.00
Funds Spent this Fiscal Year: \$0.00

A. GENERAL INFORMATION

Project Proponent Name: Chris Pfhal
Primary Telephone Number: 208-753-3812
Email: sveng@hughes.net

Project Sponsor Name (if applicable): Idaho Department of Fish and Game
Agency: Idaho Department of Fish and Game
Primary Telephone Number: 208-769-1414
Email: david.leptich@idfg.idaho.gov

B. PROGRESS DESCRIPTION

- 1) Include a description of project accomplishments this reporting period. Describe progress in securing required permits, quantify, as appropriate, x number of acres or habitat restored, and completion of any compliance documents as described in your original application.
 - a. No additional progress this quarter. Stalled by poor and unresponsive IDPR/TOC collaboration.

- 2) Describe any challenges which may have delayed progress this quarter, and how those challenges were/may be overcome. Include any changes to project specifications originally proposed in your application.
 - a. Coordination with IDPR and executing work within the TOC ROW has been slow and cumbersome.

C. EXPENDITURES -Use the budget template to fill in all project expenditures this fiscal year.

- 1) Please describe any unforeseen expenditures: None. IDFG has received no invoices to date. Much of the labor and materials have been donated match.

Project Expenditures: FY19 Oct. 1, 2018- September 30, 2019

	Q1 Oct - Dec	Q2 Jan - Mar	Q3 Apr - Jun	Q4 July-Sept	Annual
Salaries/Fringe					
Travel					
Supplies					
Equipment					
Contractual					
Permitting					
Long-term operation and maintenance					
Monitoring					
Other					
Total Direct Costs					\$0.00
Indirect Costs					\$0.00
Total					\$0.00

D. PROJECT PARTNERS

- 1) Please describe the involvement of project partners (or new partners acquired) this reporting period, if applicable. SCSA representatives continue to meet with IDFG and IDPR staff to try and resolve IDPR/TOC related impediments.

E. MEASURES OF SUCCESS – [Annual and Project Close-out reports only]

Describe monitoring efforts (if completed) that measures or evaluates the success and the effectiveness of the restoration project. The success, viability and sustainability of the restoration project should be documented at completion. For example, one of the identified restoration goals for this Solicitation includes restoring wetland habitat. Therefore, restoration projects attempting to restore wetland resources will need to document a long term, quantitative increase in wetland habitat quality and/or corresponding migratory waterfowl use of the restored area.

- 1) Describe measures of success and how each is related to the goals and objectives of the proposed project. The gravel parking outside of the TOC ROW is complete. Some progress

has been made on required signage and restroom facilities specifications to align them with TOC conventions.

- 2) Describe performance standards for all phases of the restoration project and describe how the project will be certified as complete and successful. As designed/as built compare/contrast will be provided at project completion. To date the as built portions of the project substantially conform to proposed designs.



Project Title: Black Rock Slough

Project Approval Date: 5-29-19

Trustee Council Resolution #: 46

Reporting Quarter/FY: Annual FY 2019

Partnership Funds Expenditures

Funds Awarded: \$75,000

Partnership Funds Spent this Quarter: \$ 0.00

Partnership Funds Spent this Fiscal Year: \$ 0.00

A. GENERAL INFORMATION

Project Proponent Name: David Leptich

Primary Telephone Number: 208-769-1414

Email: david.leptich@idfg.idaho.gov

Project Sponsor: Idaho Department of Fish and Game

Agency: Idaho Department of Fish and Game

Primary Telephone Number: 208-769-1414

Email: david.leptich@idfg.idaho.gov

B. PROGRESS DESCRIPTION

1) Include a description of project accomplishments this reporting period. Describe progress in securing required permits, quantify, as appropriate, x number of acres or habitat restored, and completion of any compliance documents as described in your original application.

a. RFP was advertised and the low bid came in ~ \$90,000 and 30% over budget. IDFG reduced the scope of the project by eliminating a third WCS on an internal pond, negotiated line item reductions with the contractor, and identified additional internal funding to make up the difference. The work is under contract but postponed to fall of 2020.

2) Describe any challenges which may have delayed progress this quarter, and how those challenges were/may be overcome. Include any changes to project specifications originally proposed in your application.

a. Coordination with IDPR and executing work within the TOC ROW has been slow, cumbersome, and resulted in project delays. IDFG will incur additional unanticipated expense to perform geotechnical testing of the strength of the TOC causeway prior to initiating construction as an IDPR condition of the TOC ROW use permit. IDFG will use a portion (~\$25,000) of its \$75,000 core RP funds to cover this expense. The work is being coordinated with EPA and a SOW/Deliverables is under development with Geotek to perform the work this winter.

C. EXPENDITURES -Use the budget template to fill in all project expenditures this fiscal year.

1) Please describe any unforeseen expenditures: None to date. See item B2 above.

Project Expenditures: FY19 Oct. 1, 2018- September 30, 2019

	Q1 Oct - Dec	Q2 Jan - Mar	Q3 Apr - Jun	Q4 July-Sept	Annual
Salaries/Fringe					
Travel					
Supplies					
Equipment					
Contractual					
Permitting					
Long-term operation and maintenance					
Monitoring					
Other					
Total Direct Costs					\$0.00
Indirect Costs					\$0.00
Total					\$0.00

D. PROJECT PARTNERS

1) Please describe the involvement of project partners (or new partners acquired) this reporting period, if applicable. Because issues related to working in and against the TOC ROW have potential Basin-wide implications including especially at Gray’s Meadow, the EPA is consulting on the Geotechnical testing and liability issues we are confronting.

E. MEASURES OF SUCCESS – [Annual and Project Close-out reports only]

Describe monitoring efforts (if completed) that measures or evaluates the success and the effectiveness of the restoration project. The success, viability and sustainability of the restoration project should be documented at completion. For example, one of the identified restoration goals

for this Solicitation includes restoring wetland habitat. Therefore, restoration projects attempting to restore wetland resources will need to document a long term, quantitative increase in wetland habitat quality and/or corresponding migratory waterfowl use of the restored area.

- 1) Describe measures of success and how each is related to the goals and objectives of the proposed project.
 - a. Nothing to report at this time.

- 2) Describe performance standards for all phases of the restoration project and describe how the project will be certified as complete and successful.
 - a. Nothing to report at this time.



Project Title:

ST JOE RIVER - STREAMBANK STABILIZATION AND VEGETATION PROJECT

Project Approval Date: 10/30/2018
Trustee Council Resolution #: 41 (amended 02/01/2019)

Reporting Quarter/FY: Quarter 4/ANNUAL REPORT - FY19

Partnership Funds Expenditures

Total Amount Awarded: \$3,500
(Note: Awarded from carryover planning funds)
Partnership Funds Spent this Quarter: \$0
Partnership Funds Spent this Fiscal Year: \$3,500

A. GENERAL INFORMATION

Project Proponent Name: Benewah Soil and Water Conservation District - Leann Daman
Primary Telephone Number: (208) 987-4011
Email: leann.daman@usda.gov

Project Sponsor: Idaho Department of Environmental Quality - Kajsa Van de Riet
Primary Telephone Number: (208) 666-4633
Email: Kajsa.vanderiet@deq.idaho.gov

B. PROGRESS DESCRIPTION

1) Include a description of project accomplishments this reporting period. Describe progress in securing required permits, quantify, as appropriate, x number of acres or habitat restored, and completion of any compliance documents as described in your original application.

Benewah SWCD was in contact with all landowners and 5 of them have completed the requirement of planting cottonwoods as of the end of October 2019. Willows are being maintained and are thriving at all sites but one where the BSWCD is monitoring the plants for their re-emergence in the spring. DEQ and the Conservation District sent reminder letters out to the remaining 3 landowners of the planting and plant maintenance requirement. In September DEQ, along with Conservation District Administrator, toured all the properties as part of the Technical Review for the DEQ 319 Program grant.

Describe any challenges which may have delayed progress this quarter, and how those challenges were/may be overcome. Include any changes to project specifications originally proposed in your application.

Benewah SWCD was contacted by one landowner who expressed a severe allergy to Cottonwood, they were granted a variance to plant other species including Douglas fir, aspen, alder, and poplar. This landowner has since planted suitable trees.



Site inspection revealed that one landowner was having issues with willow survival. Both DEQ and the District have been in contact with this landowner to encourage this landowner to work toward plant survivability.

C. EXPENDITURES -Use the budget template to fill in all project expenditures this fiscal year.

- 1) Please describe any unforeseen expenditures. **None**
- 2) Please describe other cost share or contributing funds.

Project Expenditures FY19 Oct. 1, 2018- September 30, 2019

	Q1 Oct - Dec	Q2 Jan - Mar	Q3 Apr - Jun	Q4 July-Sept	Annual
Salaries/Fringe	\$590	-	-	-	\$590
Travel	-	-	-	-	-
Supplies	\$2,910	-	-	-	\$2,910
Equipment	-	-	-	-	-
Contractual	-	-	-	-	-
Permitting	-	-	-	-	-
Long-term operation and maintenance	-	-	-	-	-
Monitoring	-	-	-	-	-
Other	-	-	-	-	-
Total Direct Costs	\$3,500	-	-	-	\$3,500
Indirect Costs	-	-	-	-	-
Total	\$3,500	-	-	-	\$3,500

D. PROJECT PARTNERS

- 1) Please describe the involvement of project partners (or new partners acquired) this reporting period, if applicable.

The ISWCC continues to provide technical assistance. A boat trip to assess the sites from the river occurred in June which included DEQ, AVISTA, ISWCC, and the Benewah SWCD. A second boat trip occurred in September with DEQ and Benewah SWCD to assess the project as part of the required Technical Review for DEQ's 319 Program. Benewah SWCD continues to be in contact with project landowners that need to complete cottonwood plantings. Benewah SWCD continues to photo monitor each site. A project update was presented at the Fall IASCD Division 1 meeting to ISWCC, NRCS, IASCD and DEQ staff as well as all Division 1 Conservation District staff and board supervisors.

E. MEASURES OF SUCCESS –**[Annual and Project Close-out reports only]**

Describe monitoring efforts (if completed) that measures or evaluates the sustainability and the effectiveness of the restoration project. The success, viability and sustainability of the restoration project should be documented at completion. For example, one of the identified restoration goals for this Solicitation includes restoring wetland habitat. Therefore, restoration projects attempting to restore wetland resources will need to document a long term, quantitative increase in wetland habitat quality and/or corresponding migratory waterfowl use of the restored area.

- a. Describe measures of success and how each is related to the goals and objectives of the proposed project.

The project area included approximately 1,500 ft. of bank stabilization and revegetation. The rock stabilization was successfully installed in the fall of 2018. Willow recruitment has been successful and survival rate at this point is nearly 100%. Most cottonwood plantings are complete and are thriving. The BSWCD will continue to monitor the survival of the willow plantings as well as the riparian cottonwood plantings.

- b. Describe performance standards for all phases of the restoration project and describe how the project will be certified as complete and successful.

The performance standards for this project included the placement of bank stabilization rock and the plantings of willows and cottonwoods. The project will be certified as complete and successful upon the final cottonwood plantings and the continued survival of all vegetation.



Project Title:

WOLF LODGE CREEK REACH 3 STREAM RESTORATION AND HABITAT ENHANCEMENT PROJECT

Project Approval Date: 05/29/2019

Trustee Council Resolution #: 46

Reporting Quarter/FY: Quarter 4/ANNUAL REPORT - FY19

Partnership Funds Expenditures

Total Amount Awarded: \$195,814

Partnership Funds Spent this Quarter: \$0

Partnership Funds Spent this Fiscal Year: \$0

A. GENERAL INFORMATION

Project Proponent Name: Kootenai-Shoshone Soil and Water Conservation District

Karla Freeman, Administrator

Primary Telephone Number: (208) 209-4348

Email: ksswcd@yahoo.com

Project Sponsor: Idaho Department of Environmental Quality - Kajsa Van de Riet

Primary Telephone Number: (208) 666-4633

Email: Kajsa.vanderiet@deq.idaho.gov

B. PROGRESS DESCRIPTION

- 1) Include a description of project accomplishments this reporting period. Describe progress in securing required permits, quantify, as appropriate, x number of acres or habitat restored, and completion of any compliance documents as described in your original application.

The Kootenai-Shoshone SWCD (District) sent out a request for bid to engineering firms with a return deadline of August 13th. The board meeting was held on August 14th and all bids were reviewed. The contract was awarded to River Design Group. An agreement was sent out to River Design Group as well as the landowner agreements to the two landowners involved in this project. At this time, we have the agreement executed with River Design Group and one landowner. There is an onsite meeting planned with the two landowners, KSSWCD, DEQ and River Design Group to go over the project and implementation practices on October 29, 2019.

- 2) Describe any challenges which may have delayed progress this quarter, and how those challenges were/may be overcome. Include any changes to project specifications originally proposed in your application.

The project was delayed for several reasons beyond the control of the District. The signed Trustee Council Resolution authorizing the project was not received by DEQ until July 13, 2019. This coincided with the end of the state's fiscal year, which is a difficult time to initiate new contracts. Since May, DEQ's Contracts Management Supervisor and Grants Program Manager have left the agency. This



Agreement has been approved by the KSSWCD board and was signed on August 14, 2019.

C. EXPENDITURES – Use the budget template to fill in all project expenditures this fiscal year.

- 1) Please describe any unforeseen expenditures. n/a
- 2) Please describe other cost share or contributing funds.

Project Expenditures Fiscal Year: FY19 Oct. 1, 2018- September 30, 2019

	Q1 Oct - Dec	Q2 Jan - Mar	Q3 Apr - Jun	Q4 July-Sept	Annual
Salaries/Fringe	-	-	-	-	-
Travel	-	-	-	-	-
Supplies	-	-	-	-	-
Equipment	-	-	-	-	-
Contractual	-	-	-	-	-
Permitting	-	-	-	-	-
Long-term operation and maintenance	-	-	-	-	-
Monitoring	-	-	-	-	-
Other	-	-	-	-	-
Total Direct Costs	-	-	-	-	-
Indirect Costs	-	-	-	-	-
Total	-	-	-	-	\$0.00

D. PROJECT PARTNERS

- 1) Please describe the involvement of project partners (or new partners acquired) this reporting period, if applicable.

Technical assistance has been provided by the Idaho Soil and Water Conservation Commission and DEQ. A field trip is planned for Chris Moan with Avista, as well as other partners to look at the project site on October 16th.

E. MEASURES OF SUCCESS – [Annual and Project Close-out reports only]

Describe monitoring efforts (if completed) that measures or evaluates the sustainability and the effectiveness of the restoration project. The success, viability and sustainability of the restoration project should be documented at completion. For example, one of the identified restoration goals for this Solicitation includes restoring wetland habitat. Therefore, restoration projects attempting to restore wetland resources will need to document a long term, quantitative increase in wetland habitat quality and/or corresponding migratory waterfowl use of the restored area.

- 1) Describe measures of success and how each is related to the goals and objectives of the proposed project.
- 2) Describe performance standards for all phases of the restoration project and describe how the project will be certified as complete and successful.

Measures of success for the Wolf Lodge Reach 3 project will be through successful completion of the project, close project oversight and management, and monitoring. Under management of the best-qualified stream restoration/engineering firm and supervision by the ISWCC Engineer and Water Resource Conservationist, project construction will be completed as designed. The ISWCC Engineer and/or Water Quality Resource Conservationist will be on-site when construction is implemented. The Engineer and Hydrologist from the stream restoration/engineering firm will be on site during critical times of construction. Measurements of success for the goals of the project are as follows:

Produce clean water consistent with supporting aquatic life and beneficial uses: The DEQ Coeur d'Alene Lake Management team has installed an automatic water quality monitoring devise that collects samples for nutrient and total suspended solids. In addition, a sonde is installed to measure turbidity, conductivity, pH, and temperature. This baseline data will be compared to data collected post-project through 2021. KSSWCD will conduct annual photo-monitoring of the project area.

Incorporate streambank stabilization techniques that provide interim stability and support development of mature riparian vegetation: Successful implementation of the engineering design under management and supervision of construction. BURP monitoring will determine condition of streambank stability and riparian vegetation. BURP monitoring will be conducted before construction, then 2 years post-construction to measure improvement in streambank stability and riparian vegetation.

Remove the historical hardened stream restoration features that are no longer functioning: structures are removed.

Create complex aquatic habitat components such as depth, velocity, substrate, cover, and pools that support populations of wild trout and other aquatic organisms: Successful implementation of the engineering design under management and supervision of construction. BURP monitoring will evaluate stream habitat that supports wild trout and other aquatic organisms. BURP monitoring will

be conducted before construction, then 2 years post-construction to measure improvement in stream habitat and riparian vegetation.

Reshape the existing channel to the proper dimensions to increase sediment transport capacity through the reach: Successful implementation of the engineering design under management and supervision of construction.

Coordinate restoration plans with the landowner to ensure restoration treatments are compatible with existing and future land uses: Coordination has been on-going. Conceptual restoration designs were created with feedback from the landowner. Meetings with the landowner before, during, and after the project will be conducted to assure treatments are compatible with existing future land uses and that landowner agreements are followed.

Quality Control and Quality Assurance during construction: The design engineer and appropriate staff will be on-site during construction. Assisting them will be staff from the Kootenai-Shoshone Soil and Water Conservation District as well as the Idaho Soil and Water Conservation Commission. Construction crews will be briefed each day before construction starts, including design elements and overall design goals. Construction oversight and any required monitoring will be continuous during construction. Materials will be evaluated (rock size, wood size and species, planting species, etc.) when delivered to assure they meet design requirements. As construction progresses, completed construction items will be tested as appropriate (such as plantings, rock stability/placement, etc.) to ensure they meet design criteria. After construction, a post-construction walk-through will be completed by design and construction staff to verify all design and construction requirements are met prior to equipment being removed from the site.

During the current Planning Phase, completion of the following deliverables will constitute success:

- *Subgrant agreement completed between DEQ and KSSWCD.*
- *Subcontract executed between KSSWCD and engineering design contractor.*
- *Meetings with landowners, contractor, and project partners.*
- *Locate sources of woody materials.*
- *Complete engineering design.*
- *Complete construction contractor bid package.*



Project Title: Canyon Marsh Agriculture to Wetlands Conservation Easements

Project Approval Date: August 9, 2018

Trustee Council Resolution #: 44

Reporting Quarter/FY: Quarter 4/FY19

Partnership Funds Expenditures:

Funds Allocated: \$801,480

Funds Spent this Quarter: \$ 414

Funds Spent this Fiscal Year: \$ 41,037

A. GENERAL INFORMATION

Project Proponent Name: Tim Kiser

Primary Telephone Number: (509) 893-8023

Email: Tim_Kiser@fws.gov

Project Sponsor: U.S. Fish and Wildlife Service

Primary Telephone Number: (509) 891-6839

Email: Tim_Kiser@fws.gov

B. PROGRESS DESCRIPTION

1) Include a description of project accomplishments this reporting period. Describe progress in securing required permits, quantify, as appropriate, x number of acres or habitat restored, and completion of any compliance documents as described in your original application.

1.) Closed on the Walker conservation easement, which will permanently protect ~160 acres and create future remedial and restoration opportunities.

2) Describe any challenges which may have delayed progress this quarter, and how those challenges were/may be overcome. Include any changes to project specifications originally proposed in your application.

None

C. EXPENDITURES

1) Please describe any unforeseen expenditures.

Expenditures through our cooperative financial agreement with Inland Northwest Land Conservancy are due annually and will be reported in future quarterly reports. No unforeseen

expenditures occurred as planned.

Annual Report of Expenditures: FY19 Oct. 1, 2018-September 30, 2019

Budget Category	Q1 Oct-Dec	Q2 Jan-Mar	Q3 Apr-June	Q4 July-Sept	Annual
Salaries/Fringe	267		2,206	414	2,887
Travel					
Supplies					
Equipment					
Contractual	32,859	5,291			38,150
Other					
Total Direct Costs					
Indirect Costs					
Total	33,126	5,291	2,206	414	41,037

D. PROJECT PARTNERS

- 1) Please describe the involvement of project partners (or new partners acquired) this reporting period, if applicable.

We continued to work with Inland Northwest Land Conservancy and EPA to complete conservation easements and environmental covenants on the Walker and Higbee properties. INLC, through a cooperative agreement, purchased the Walker easement for \$344,850. The required financial reporting for the cooperative agreement are due annually and these expenditures will be reported in following quarters.

E. MEASURES OF SUCCESS – [Annual and Project Close-out reports only]

Describe monitoring efforts (if completed) that measures or evaluates the success and the effectiveness of the restoration project. The success, viability and sustainability of the restoration project should be documented at completion. For example, one of the identified restoration goals for this Solicitation includes restoring wetland habitat. Therefore, restoration projects attempting to restore wetland resources will need to document a long term, quantitative increase in wetland



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habitat quality and/or corresponding migratory waterfowl use of the restored area.

- 1) Describe measures of success and how each is related to the goals and objectives of the proposed project.
- 2) Describe performance standards for all phases of the restoration project and describe how the project will be certified as complete and successful.



Project Title: Gleason's Marsh Agriculture to Wetlands Conservation Easement

Project Approval Date: August 9, 2018

Trustee Council Resolution #: 44

Reporting Quarter/FY: Quarter 4/FY19

Partnership Funds Expenditures:

Funds Allocated: \$656,140

Funds Spent this Quarter: \$ 1,715

Funds Spent this Fiscal Year: \$ 23,897

A. GENERAL INFORMATION

Project Proponent Name: Tim Kiser

Primary Telephone Number: (509) 893-8023

Email: Tim_Kiser@fws.gov

Project Sponsor: U.S. Fish and Wildlife Service

Primary Telephone Number: (509) 891-6839

Email: Tim_Kiser@fws.gov

B. PROGRESS DESCRIPTION

1) Include a description of project accomplishments this reporting period. Describe progress in securing required permits, quantify, as appropriate, x number of acres or habitat restored, and completion of any compliance documents as described in your original application.

1.) Continued to work with Inland Northwest Land Conservancy (INLC) and EPA to draft conservation easements and environmental covenants.

2) Describe any challenges which may have delayed progress this quarter, and how those challenges were/may be overcome. Include any changes to project specifications originally proposed in your application.

None

C. EXPENDITURES

1) Please describe any unforeseen expenditures.

Expenditures through our cooperative financial agreement with Inland Northwest Land Conservancy are due annually and will be reported in future quarterly reports. No unforeseen

expenditures occurred as planned.

Annual Report of Expenditures: FY19 Oct. 1, 2018-September 30, 2019

Budget Category	Q1 Oct- Dec	Q2 Jan-Mar	Q3 Apr-June	Q4 July-Sept	Annual
Salaries/Fringe	268		1,964	1,715	3,947
Travel					
Supplies					
Equipment					
Contractual	11,807	8,143			19,950
Other					
Total Direct Costs					
Indirect Costs					
Total	12,075	8,143	1,964	1,715	23,897

D. PROJECT PARTNERS

- 1) Please describe the involvement of project partners (or new partners acquired) this reporting period, if applicable.

We continued to work with Inland Northwest Land Conservancy and EPA to complete conservation easements and environmental covenants on the Gleason property. INLC, through a cooperative agreement, purchased the Walker easement for \$344,850. The required financial reporting for the cooperative agreement are due annually and these expenditures will be reported in following quarters.

E. MEASURES OF SUCCESS – [Annual and Project Close-out reports only]

Describe monitoring efforts (if completed) that measures or evaluates the success and the effectiveness of the restoration project. The success, viability and sustainability of the restoration project should be documented at completion. For example, one of the identified restoration goals for this Solicitation includes restoring wetland habitat. Therefore, restoration projects attempting to restore wetland resources will need to document a long term, quantitative increase in wetland habitat quality and/or corresponding migratory waterfowl use of the restored area.



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- 1) Describe measures of success and how each is related to the goals and objectives of the proposed project.
- 2) Describe performance standards for all phases of the restoration project and describe how the project will be certified as complete and successful.