PROJECT: 13-1405 RST, RIPARIAN RESTORATION - IMW STUDY AREA

Sponsor: Asotin Co Conservation Dist Program: Salmon Federal Projects Status: Active
Project Start Date: 12/04/2013 Agreement End Date: 01/31/2018

Final Report Status: Accepted 06/04/2018

Description

PROJECT AGREEMENT DESCRIPTION

The Asotin Co Conservation District propose to complete a riparian restoration plan on 17 km of Asotin Creek and its tributaries and plant ~ 8.9 km of the highest priority acres. The stream supports wild steelhead and is located within the Asotin Creek Intensively Monitored Watershed (IMW). The project focuses on 3 tributaries in the upper watershed: Charley, North Fk Asotin & South Fk Asotin. The primary limiting factor identified in the IMW is limited riparian function (e.g., temperature, habitat quantity and quality). The goal of other restoration work being conducted in the IMW is to improve riparian function by increasing channel-floodplain connectivity. This project supports that goal by speeding the recovery of a more natural and native vegetation community as riparian conditions improve. The focus areas will be the lower 8 km of Charley, the lower 3 km of North Fk Asotin, and 6 km of South Fk Asotin. This project will identify priority riparian planting areas, develop a riparian restoration plan, and promote long-term riparian function by controlling weeds and planting native tree species. Target tree species include Douglas-fir, ponderosa pine, and cottonwood that achieve a large enough size that, when they fall into the stream or floodplain area, have the ability to influence channel dynamics and increase the diversity of habitats available for all freshwater life stages of steelhead and other fish species using Asotin Creek. This is the final phase of the IMW Restoration.

FINAL PROJECT DESCRIPTION

The Asotin Co Conservation District (ACCD) planted and maintained riparian vegetation along 1.16 miles of the highest priority areas of the Asotin Creek Intensively Monitored Watershed (IMW) in southeastern Washington. The primary limiting factor identified in the IMW is limited riparian function (e.g., temperature, habitat quantity and quality). The goal of other restoration work being conducted in the IMW is to improve riparian function by increasing channel-floodplain connectivity. This project supports that goal by speeding the recovery of a more natural and native vegetation community as riparian conditions improve. The project objectives were to improve riparian function and increase stream dynamics for fish habitat by providing vegetation that will eventually make its way into the stream as large woody debris.

In the spring of 2016, the ACCD planted nearly 4,000 native trees and shrubs in 12 sites containing 7.3 acres along the riparian corridor of the South Fork of Asotin Creek and Charlie Creek. Both streams are known to contain populations of threatened and endangered fish, including steelhead and Bull Trout. ACCD considered riparian restoration along the North Fork of Asotin Creek, but the riparian vegetation was in better condition than the other sites that were planted and, therefore, was a lower priority and not planted as a part of this project. Five of the 12 sites contained strips of landscape fabric, into which trees and shrubs were planted, to aid with weed control and moisture retention. Of the total number of stems planted, 30% were placed in landscape fabric strips and 70% were planted in open ground. Landscape fabric strips were placed in the fall of 2015. Prior to applying fabric, the area directly under the strips were rototilled to loosen soil and aid in moisture absorption and retention.

Sites locations were chosen based on areas within the riparian containing enough soil to support tree & shrub establishment. Trees and shrubs were planted throughout the riparian zones, beginning at the streambank toe and extending through the floodplain and into the lower upland zone in several sites. Trees were planted in dense spacings of approximately 9 X 9 square feet per tree. No protection nets or tubing were installed. Cottonwood cuttings were placed in the stream at water's edge in places where soil was available.

The ACCD tracked tree survival by species and by site location for the 2016 and 2017 growing seasons. A complete site visit to collect mortality information was done at the end of each growing season before plants entered dormancy stage.

Trees and shrubs in 11 of the 12 planting sites were irrigated throughout the 2016 and 2017 growing seasons by means of a drip irrigation system connected to a water truck. Site # 10 on Charley Creek was excluded form watering due to lack of access to turn the water truck around. Each tree received a minimum of 1 gallon of water per watering to establish root systems and increase survival from May to September of the growing season. Trees were watered once per week in May to mid-June until weather conditions get hot and dry enough to warrant watering each tree one gallon twice per week.

After the first growing season, it bacame apparent that competing vegetation must be controlled in open ground planting areas without landscape fabric. Asotin County Noxious Weed Control Board, Washington Department of Fish and Wildlife, and the ACCD cooperatively developed a weed management plan for the planting sites. The plan contained detailed maps of site locations, an herbicide guide, a backpack calibration guide, a cheat sheet for herbicide mixtures, alternative control methods and information on individual weeds found in the survey area. All 12 sites and the perimeter around the planting areas were spot treated with herbicide 3 times, in the fall of 2016, spring of 2017 and again in the fall of 2017. Weed control will be performed by Washington Department of Fish & Wildlife in the spring of 2018 and thereafter.

Narrative

Survival by Planting Location
The overall survival rate of all trees and shrubs monitored was 45% which included 2 failed sites and one non-irrigated site. Although survival rates were low, trees were planted in dense spacings to accommodate for anticipated loss. Contributing factors to the low overall survival rate were competing vegetation, damage by trespassing livestock and herbicide damage. Survival for open ground plantings were 42% and 69% for plantings in landscape fabric. Of the nearly 3,300 stems planted in open ground, 1,400 remained after 2 growing seasons and 350 of the 500 stems planted in landscape fabric survived. Failed site 7 had high loss in the second growing season caused by trespassing livestock damage to plants and damage to the irrigation system. Site 8 was a nearly a complete loss due to an abundance of competing vegetation (primarily scotch thistle) and herbicide kill. Scotch thistle plants were cut and removed by hand from the site in late summer of the first growing season. Most of the flags were removed with the scotch thistle skeletons, making it difficult to locate surviving trees when herbicide was applied to the site in the fall. Any surviving trees were inadvertently sprayed with herbicice.

Excluding the two failed sites and the non-irrigated site, the overall survival rate increased to 49% with 80% survival for stems planted in landscape fabric and 46% survival for stems planted in open ground.

Survival and condition of trees & shrubs varied by species and planting location, however, survival of all species was significantly higher in areas adjacent to the stream near existing canopy cover. The landscape fabric provided protection against competing vegetation and helped to retain moisture levels in the soil. Plants surviving in the fabric strips had an overall higher survival rate and growth than those planted in open ground areas with no protection from competing vegetation. In some sites, however, young plants in the landscape fabric strips were easy targets for browsing deer. Areas of fabric were marked with deer tracks where plants were pulled out of the fabric and completely browsed off. Plants outside the fabric within the same areas surrounded by grasses and other vegetation were not targeted as heavily as those on the fabric.

Survival by Species
Seedling Ponderosa pine was the most damaged by deer browsing in the first growing season. Chokecherry was the species effected most drastically by use of the landscape fabric. Chokecherry planted in landscape fabric had a high survival rate of 98% and reached heights of 5 to 10 feet after two growing seasons. Those planted in open ground had a poor survival rate of 40% and grew slowly, only reaching heights of 1 to 2 feet in height after two growing seasons. Douglas fir was the most sensitive species to planting location in relationship to the stream and existing canopy cover. Survival was minimal in hot, dry open areas in areas near the upland zone furthest away from the stream. Doug fir planted near the stream in lower elevations of the overbank zone under existing canopy cover had a good survival and growth. Rocky Mountain Juniper had the best survival in all locations and conditions. Juniper were the most drought tolerant in the dry open upland areas furthest away from the stream.

Site Preparation
Lack of site prep was the major contributing factor to mortality of trees & shrubs planted in open ground outside of the landscape fabric. Initially, most plantings were to be placed in landscape fabric strips to control weeds and competing vegetation. As the project evolved, the number of plants to be planted in open ground increased because of a large donation of plants from a local volunteer nursery and obtaining additional funds from outside sources. No chemical or mechanical control of weeds or undesirable vegetation was done in open areas outside the landscape fabric prior to planting. High levels of precipitation in the spring months provided optimal growing conditions for weeds and undesirable vegetation. Weedy conditions contributing to the loss of trees may have been reduced by chemically treating the planting sites for 1-2 growing seasons prior to planting.

Worksites

Worksite #1: Asotin Cr IMW

Worksite Address (Optional)
Street Address
City
State, Zip

Worksite Details

Worksite #1: Asotin Cr IMW

Worksite Name Asotin Cr IMW

WORKSITE DESCRIPTION
The work site for this project is the upper Asotin Creek Watershed, including the lower 8 km of Charley Cr and 6 km in the South Fork Asotin Cr.

Geographic Coordinates

From mapped point:	Latitude	46.278145	Longitude	-117.294152
For Directions:	Latitude		Longitude	

SITE ACCESS DIRECTIONS
From Asotin take the Asotin Creek Road up stream to the Charley Creek turn off. To reach the other two sites continue up the Asotin Creek Rd to the Forks WDFW House. To Access Charley Creek park at the trailhead and walk from the gate. The SF can be accessed by car along the South Fork Rd.

Properties

Worksite #	Worksite Name	Property Name	Sponsor Verified	RCO Verified	RCO Verified Map
1	Asotin Cr IMW	Charley Creek	✓	✓	N/A
1	Asotin Cr IMW	*North Fork Asotin This property has been removed from this project.*	✓		N/A
1	Asotin Cr IMW	South Fork Asotin	✓	✓	N/A

Restoration Metrics

Worksite: Asotin Cr IMW (#1)

	Current Agreement	Final
Targeted salmonid ESU/DPS (A.23) The salmon ESU (Evolutionarily Significant Unit) or steelhead DPS (Distinct Population Segment) name that the project is targeting. For species where ESU/DPS name is not known or determined, use the species name with unidentified ESU (e.g., Chinook salmon - unidentified ESU).	No Salmon ESU or Steelhead DPS Chinook Salmon-Snake River Fall-run ESU Chinook Salmon-Snake River Spring/Summer-run ESU Chinook Salmon-unidentified ESU ✓ Steelhead-Snake River Basin DPS Steelhead/Trout-unidentified DPS	No Salmon ESU or Steelhead DPS Chinook Salmon-Snake River Fall-run ESU Chinook Salmon-Snake River Spring/Summer-run ESU Chinook Salmon-unidentified ESU ✓ Steelhead-Snake River Basin DPS Steelhead/Trout-unidentified DPS
Targeted species (non-ESU species) Select one or more of the fish species that this project will benefit.	None Unknown Brook Trout Brown Trout ✓ Bull Trout Cutthroat Kokanee ✓ Rainbow Searun Cutthroat	None Unknown Brook Trout Brown Trout ✓ Bull Trout Cutthroat Kokanee ✓ Rainbow Searun Cutthroat
Miles of Stream and/or Shoreline Treated or Protected (C.0.b) The total length of freshwater stream, side channel, and/or marine shoreline treated or protected at the project worksite (to the nearest 0.01 mile). Multiple treatements in the same stretch of stream, side channel, or shoreline should only be "counted" once, so that the total reflects actual stream, side channel, or shoreline length subjected to treatments regardless of how many treatments were applied. This is a meander measurement of the portion of the stream treated by the project area. Include the stream adjacent to riparian project areas. This does not include "miles of stream made accessible," which is an "effect" not a treatment. Use the minimum measurement of 0.01 miles for barrier removal proejcts involving a single barrier.	10.56	1.16
Project Identified In a Plan or Watershed Assessment (C.0.c) Name of the Recovery Plan that identifies the need or justification for conducting this project. If not identified in Recovery Plan, name the watershed assessment or other plan which justifies the need for the project. Use endnote citation format (Author, date, title, source, source address). If project was not identified in a plan, enter "none." (500 characters max).		*Not Collected at Closure*
Type Of Monitoring (C.0.d.1) Type of project monitoring that occurs at the worksite during the project period. If the project has no monitoring, report 'None'.	✓ Implementation Monitoring None	✓ Implementation Monitoring None
Monitoring Location (C.0.d.2) If monitoring is a component of the project worksite, select one or more of the following descriptors on the location of the monitoring: onsite; upstream; downstream; or, upslope.	No monitoring completed Downstream ✓ Onsite Upslope Upstream	No monitoring completed Downstream ✓ Onsite Upslope Upstream

Riparian Habitat Project

Projects implemented above the ordinary high water mark and within the flood plain of streams that improve the environmental conditions necessary to sustain salmonids throughout their life cycle. This includes lakeshores of connected lakes.

Total Riparian Miles Streambank Treated (C.5.b.1) Number of miles (to nearest 0.01 miles) of streambank treated.	1.30	1.16
Total Riparian Acres Treated (C.5.b.2) Number of acres (to nearest 0.1 acre) of riparian area treated.	20.0	20.0

Planting (C.5.c.1)

Riparian planting or native plant establishment.

Total cost for Planting Enter the cost (to the nearest dollar) of this work type, as close as you can reasonably get it.	$28,599	*Not Collected at Closure*
Species Of Plants planted in riparian (C.5.c.2) Species (scientific) name(s) of plants, text field.		
Acres Planted in riparian (C.5.c.3) Number of acres (to nearest 0.1 acre) planted.	8.9	7.3
Miles of streambank planted (C.5.c.4) Number of miles (to the nearest 0.01 mile) of streambank planted.	0.50	1.16
Average Riparian Width In feet, what is the average post-project width of the riparian area (including pre-project and planted vegetation) from the top of the streambank to the edge of the planted or vegetated area (e.g., if the average pre-project riparian width is 15' and you expand it by 70', the average post-project riparian width would be 85'). Do not include the width of areas up or downstream of your planting site in your calculation.		170

Riparian Plant removal / control (C.5.h.1)

Removal and/or control (treatment) of non-native species, noxious weeds and other plants or invasive species that adversely affect the riparian zone or water table.

Total cost for Plant removal / control Enter the cost (to the nearest dollar) of this work type, as close as you can reasonably get it.	$6,000	*Not Collected at Closure*
Species of Plants Treated/Removed in riparian (C.5.h.2) Species (scientific) name(s) of plants treated/removed.		
Acres of riparian treated for plant removal/control (C.5.h.3) Number of acres (to nearest 0.1 acre) treated.	20.0	20.0
Miles of streambank treated for plant removal/control (C.5.h.4) Number of miles (to nearest 0.01 mile) of streambank treated.	1.30	1.16

Cultural Resources

Activities that provide a report on a systematic set of field investigations that determine the presence or absence of cultural resource material.

Cultural resources

Activities that provide a report on a systematic set of field investigations that determine the presence or absence of cultural resource material. Often involves the services of a professional archaeologist, a literature review, site surface survey, small excavations, site monitoring, and photographic (and related) documentation of the resource.

Cultural resource work completed Enter the amount of cultural resource work completed in your project (If none, enter zero).	*Collected at Closure*		Number
		Acres excavated	
		Hours of monitoring required	0
		Number of structures documented	0
Total cost for Cultural resources Enter the cost (to the nearest dollar) of this work type, as close as you can reasonably get it.	$5,000		*Not Collected at Closure*
Acres surveyed for cultural resources Number of acres surveyed for cultural resources (to nearest 0.01 acre).	5.60		229.00

Architectural & Engineering

Administrative, architectural, and engineering services.

Architectural & Engineering (A&E)

Administrative, architectural, and engineering services related to the development/restoration activities.

Total cost for Architectural & Engineering (A&E) Enter the cost (to the nearest dollar) of this work type, as close as you can reasonably get it.	$10,401	*Not Collected at Closure*

Did A&E costs exceed billed amount (Yes/No) *Collected at Closure* Yes
Did you spend more on architectural costs than you billed to RCO.

Overall Metrics

	Current Agreement	Final
Completion Date		
Projected date of completion Estimated date the scope of work will be completed.	12/09/201	04/15/201
Project Goals		
Goals, purpose, and expected benefits (A.17) Short description of the goals and purpose of the project and how it is expected to benefit salmonids or salmonid habitat.		

Restoration Costs

Date of Last Released Billing 12/11/2017

		Proposed	Final
Worksite: Asotin Cr IMW (#1)			
	SPLIT OUT FINAL TOTAL BELOW	$50,000.00	$71,252.16
Riparian Habitat Costs (C.5.a)		$34,599	$57,231
Cultural Resource Costs		$5,000	$2,500
Architectural & Engineering Costs		$10,401	$11,521
	Difference		$0

Billed Summary

Date of Last Released Billing 12/11/2017

	Project Agreement		Totals To Date		
Category	**RCO**	**Total**	**Expended**	**Non Reimbursable**	**Total Billed**
Restoration					
Construction	32,692.71	38,462.00	31,022.41	28,709.16	59,731.57
AA&E	9,807.29	11,538.00	11,477.59	43.00	11,520.59
Restoration Total	**42,500.00**	**50,000.00**	**42,500.00**	**28,752.16**	**71,252.16**
Total	42,500.00	50,000.00	42,500.00	28,752.16	71,252.16

Sponsor Match

		Proposed	Final
Project Funding			
PCSRF Federal Funds (A.10)		$42,500.00	$40,800.00
State Funds (A.11)			
Retainage - RCO amount retained			$1,700.00
Sponsor Match: Monetary Funding			
Amount of other monetary funding (A.12)		$0	$28,752
Source of other monetary funding (A.12.a)			
Sponsor Match: Donated Un-paid Labor (volunteers)			
Value of Donated Unpaid Labor (Volunteers) (A.13.a.2)		$0	$0
Source of Donated Un-paid labor contributions (A.13.a.4)			
Number of hours volunteers contributed to the project (A.13.a.1)		*Collected at Closure*	0
Describe how the value of the volunteers was determined (A.13.a.3)		*Collected at Closure*	
Sponsor Match: Donated Paid Labor			
Value of Donated Paid Labor (A.13.b.1)		$1,500	$0
Source of Donated Paid Contributions (A.13.b.2)			
Sponsor Match: Other In-kind Contributions			
Value of Other In-Kind Contributions (A.13.c.1)		$6,000	$0
Source of Other In-Kind Contributions (A.13.c.3)			
Description of other In-Kind contributions (A.13.c.2)			
	Amount Total	$50,000	$71,252
	Total Billed		$71,252
	Difference		$0

Attachments

PHOTOS (JPG, GIF)


328075 Primary


328081 Secondary


328079 Secondary


328077 Secondary


328076 Secondary

FILES AND PHOTOS

File Type	Attach Date	Attachment Type	Title	Person	File Name, Number Associations	Shared
	02/06/2018	Photo	Pine Trees.jpg	MeganS	Pine Trees.jpg, 328081 Final Report, 06/04/2018, Accepted	
	02/06/2018	Photo	Watering Alder Tree.jpg	MeganS	Watering Alder Tree.jpg, 328079 Final Report, 06/04/2018, Accepted	
	02/06/2018	Photo	Watering.jpg	MeganS	Watering.jpg, 328077 Final Report, 06/04/2018, Accepted	
	02/06/2018	Photo	Funding Sign.jpg	MeganS	Funding Sign.jpg, 328076 Final Report, 06/04/2018, Accepted	
	02/06/2018	Photo	Final SFork Site.JPG	MeganS	Final SFork Site.jpg, 328075 Final Report, 06/04/2018, Accepted	
	02/06/2018	Photo	Cuttings planting.jpg	MeganS	Cuttings planting.jpg, 328074 Final Report, 06/04/2018, Accepted	✓

Certify & Submit

Status History

Report Status	Date	User	Note
Accepted	06/04/2018	Kay Caromile	Thank you for updating the final description and metrics to complete the final report. I will release retainage and close out the project.
Submitted	05/30/2018	Megan Stewart	I hope I corrected the inconsistencies in the report. Thanks for your help Kay!
Returned	04/02/2018	Kay Caromile	Please see my earlier email that details suggested clarifications to the project description and metrics. Please let me know if you have any questions, Kay
Submitted	02/06/2018	Megan Stewart	
Draft	12/20/2017	Megan Stewart	

WASHINGTON STATE Recreation and Conservation Office

Property Report

PROJECT: 13-1405 RST, RIPARIAN RESTORATION - IMW STUDY AREA

Sponsor: Asotin Co Conservation Dist Program: Salmon Federal Projects Status: Active
Project Start Date: 12/04/2013 Agreement End Date: 01/31/2018

PROPERTY: Charley Creek (1: Asotin Cr IMW)

Property Basics

Acquisition ✓**Restoration**

Property Location

Property Name Charley Creek
Property Address (optional)
City
State **Zip**

Property Description The lower 8 km of Charley Cr had been mostly under private ownership until last yr when it was purchased by WDFW Asotin Wildlife Management Area. Within the 8 km LiDar data will be used to assess/prioritize and plant riparian.
Associated Worksite Asotin Cr IMW (#1)

Landowner

Landowner Name Department of Fish and Wildlife (WDFW)
Address (optional) PO Box 43200
City Olympia
State WA **Zip** 98504-3200
Landowner Type State

Control and Tenure

Instrument Type Landowner Agreement
Timing Existing
Term Type Fixed # of years
 # Yrs 10
Expiration Date 06/15/202
Note

Parcel Numbers

County Name	Parcel Number	Mapped	Notes (optional)
No parcels			

Recording Numbers

Instrument Type	Recording Number	Notes
No recordings		

Sponsor Clarification

✓**The above information is correct and complete**

RCO Notes

✓**Property data verified by RCO Staff**

Property Report: Charley Creek (Worksite #1: Asotin Cr IMW)

Attachments

PHOTOS (JPG, GIF)


341888 Secondary


341885 Secondary


341887


341889

FILES AND PHOTOS

File Type	Attach Date	Attachment Type	Title	Person	File Name, Number Associations	Shared
	04/26/2018	Photo	DSCN3466.JPG	KayC	DSCN3466.jpg, 341889 Inspection #1396, 10/16/17, Final, Property: Charley Creek	✓
	04/26/2018	Photo	DSCN3473.JPG	KayC	DSCN3473.jpg, 341888 Inspection #1396, 10/16/17, Final, Property: Charley Creek	
	04/26/2018	Photo	DSCN3469.JPG	KayC	DSCN3469.jpg, 341887 Inspection #1396, 10/16/17, Final, Property: Charley Creek	✓
	04/26/2018	Photo	DSCN3468.JPG	KayC	DSCN3468.jpg, 341885 Inspection #1396, 10/16/17, Final, Property: Charley Creek	

WASHINGTON STATE Recreation and Conservation Office

Property Report

PROJECT: 13-1405 RST, RIPARIAN RESTORATION - IMW STUDY AREA

Sponsor: Asotin Co Conservation Dist Program: Salmon Federal Projects Status: Active
Project Start Date: 12/04/2013 Agreement End Date: 01/31/2018

PROPERTY: North Fork Asotin (1: Asotin Cr IMW)

Note: This Property has been removed from this project.

Property Basics

Acquisition ✓ **Restoration**

Property Location

Property Name North Fork Asotin
Property Address (optional)
City
State **Zip**

Property Description The lower 3 km of the North Fork Asotin Creek is currently under management of the Asotin Creek Wildlife Management Area. Within the 3 km LiDar data will be used to assess/prioritize and plant riparian spp.
Associated Worksite Asotin Cr IMW (#1)

Landowner

Landowner Name Department of Fish and Wildlife (WDFW)
Address (optional) PO Box 43200
City Olympia
State WA **Zip** 98504-3200
Landowner Type State

Control and Tenure

Instrument Type Public Use Agreement
Timing Proposed
Term Type Fixed # of years
 # Yrs 25
Expiration Date 12/11/203
Note

Parcel Numbers

County Name	Parcel Number	Mapped	Notes (optional)
No parcels			

Recording Numbers

Instrument Type	Recording Number	Notes

Sponsor Clarification

✓ **The above information is correct and complete**

RCO Notes

Property data verified by RCO Staff

Property Report: North Fork Asotin (Worksite #1: Asotin Cr IMW)

Attachments

PHOTOS (JPG, GIF)

FILES AND PHOTOS

File Type	Attach Date	Attachment Type	Title	Person	File Name, Number Associations	Shared

No attachments match filter criteria

WASHINGTON STATE Recreation and Conservation Office

Property Report

PROJECT: 13-1405 RST, RIPARIAN RESTORATION - IMW STUDY AREA

Sponsor: Asotin Co Conservation Dist Program: Salmon Federal Projects Status: Active
Project Start Date: 12/04/2013 Agreement End Date: 01/31/2018

PROPERTY: South Fork Asotin (1: Asotin Cr IMW)

Property Basics

Acquisition ✓ **Restoration**

Property Location

Property Name South Fork Asotin
Property Address (optional)
City
State **Zip**

Property Description The lower 6 km of the S Fork Asotin Creek is currently under management of the Asotin Creek Wildlife Management Area. Within the 6 km LiDAR data will be used to assess/prioritize and plant riparian spp.
Associated Worksite Asotin Cr IMW (#1)

Landowner

Landowner Name Department of Fish and Wildlife (WDFW)
Address (optional) PO Box 43200
City Olympia
State WA **Zip** 98504-3200
Landowner Type State

Control and Tenure

Instrument Type Landowner Agreement
Timing Existing
Term Type Fixed # of years
 # Yrs 10
Expiration Date 06/15/202
Note

Parcel Numbers

County Name	Parcel Number	Mapped	Notes (optional)
No parcels			

Recording Numbers

Instrument Type	Recording Number	Notes
No recordings		

Sponsor Clarification

✓ **The above information is correct and complete**

RCO Notes

✓ **Property data verified by RCO Staff**

Property Report: South Fork Asotin (Worksite #1: Asotin Cr IMW)

Attachments

PHOTOS (JPG, GIF)


341883 Secondary


341882 Secondary


341884

FILES AND PHOTOS

File Type	Attach Date	Attachment Type	Title	Person	File Name, Number Associations	Shared
	04/26/2018	Photo	DSCN3460.JPG	KayC	DSCN3460.jpg, 341884 Inspection #1396, 10/16/17, Final, Property: South Fork Asotin	✓
	04/26/2018	Photo	DSCN3455.JPG	KayC	DSCN3455.jpg, 341883 Inspection #1396, 10/16/17, Final, Property: South Fork Asotin	
	04/26/2018	Photo	DSCN3454.JPG	KayC	DSCN3454.jpg, 341882 Inspection #1396, 10/16/17, Final, Property: South Fork Asotin	