

PROJECT: 16-2101 MON, ASOTIN IMW MONITORING YR10

Sponsor: Asotin Co Conservation Dist Program: Salmon Federal Activities Status: Active
Project Start Date: 01/01/2017 Agreement End Date: 01/31/2018

Progress Report Status: Accepted 08/01/2017

Report Period

From 01/01/2017 To 06/30/2017

Questions

#1: Describe the work accomplished during this reporting period.

Description is required

Monitoring by ELR

- Conducted mobile PIT tag surveys at all 12 fish sites in the winter (January) and spring (April) to allow the calculation on seasonal survival at each fish site.
- Maintained and downloaded two IMW water height gages and 25 temperature probes and loaded these data into an IMW databases for use in analysis of habitat use and movement of both adult and juvenile steelhead.
- PIT tag interrogation sites at the town of Asotin, Cloverland Bridge, the confluence of North Fork and South Fork Asotin Creeks, and Charley Creek were maintained with the assistance of WDFW under a separate contract with RCO but supported by IMW funds.
- Uploaded all PIT tag detections to PIT Tag Information System (PTAGIS).
- Started annual effectiveness monitoring of large woody debris (LWD) structures using customized iPad applications; assessed all South Fork Asotin Creek PALS built in 2012
- All scale samples from juvenile steelhead captured in 2016 were aged by WDFW and data entered into ELR fish database; custom R code was run to age all juvenile steelhead based on known ages and length relationship from scales
- Visited restoration sites repeatedly in Feb-June 2017 to document large spring flows and assess restoration structures

#2: Are there any significant challenges that might hinder progress or keep you from meeting your project milestones? If so, please tell us about them.

Choice No

#3: Tell us about work planned for the next reporting period.

Description is required

Continue monitoring activities associated with the IMW

- Conduct the Columbia Habitat Monitoring Protocol (CHaMP) at 18 sites this summer. These sites are within the fish sites mentioned above to allow us to determine the effect of various habitat variables on fish abundance, growth, movement, survival, and production. All the habitat data will be QAQC'd and loaded to champmonitoring.org.
- Summer and Fall PIT tag surveys at 12 permanent fish sites to assess abundance, growth, movement, survival, and production
- 10 year summary report to PSMFC on progress of Asotin IMW

#4: Do you anticipate you will need to request a modification to your project agreement in the next six months (time extension, cost change, scope change, etc.)? If yes, please explain:

Choice No

Milestones

| Milestone | Target Date | Completed | Delayed | New Target Date | Progress/Reason for Delay |
|----------------------------|--------------------------|-----------|---------|-----------------|---------------------------|
| Project Start | 01/01/2017 | ✓ | | | |
| Progress Report Due | 06/30/2017 | ✓ | | | |
| Annual Project Billing Due | 06/30/2017 | ✓ | | | |
| Agreement End Date | 01/31/2018 | | | | |
| | Need amendment to change | | | | |
| Final Billing Due | 02/15/2018 | | | | |
| Final Report Due | 02/28/2018 | | | | |

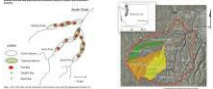
Special Conditions

None

Progress Report, Project 16-2101

Attachments

PHOTOS (JPG, GIF)



263463

263467

FILES AND PHOTOS

| File Type | Attach Date | Attachment Type | Title | Person | File Name, Number Associations | Shared |
|--|-------------|-----------------|--|--------|---|--------|
|  | 07/28/2017 | Progress report | AsotinIMW_June2017_ProgressReport_1443_16-2101.pdf | MeganS | AsotinIMW_June2017_ProgressReport_15-1443_16-2101.pdf , 314603 Progress Report, 08/01/2017, Accepted | ✓ |

Certify & Submit

Status History

| Report Status | Date | User | Note |
|---------------|------------|-----------------|---|
| Accepted | 08/01/2017 | Keith Dublanica | thanks for submitting the progress report -kd |
| Submitted | 07/28/2017 | Megan Stewart | |
| Draft | 07/28/2017 | Megan Stewart | |