

# Project Manager Report Approval Form

Purpose: Document public dollar investment to protect and restore healthy watersheds and natural habitats that support thriving communities and strong economies.

Date of Report: \_\_\_\_\_ Grant #: \_\_\_\_\_ Project Manager: \_\_\_\_\_

Report type: PISR # \_\_\_\_\_ Progress#: \_\_\_\_\_ Quarterly # \_\_\_\_\_ Other: \_\_\_\_\_

## Checklist

IC# # \_\_\_\_\_

**1) Review requirements noted in Special Conditions** (Exh B) of the grant agreement to identify additional and/or different reporting requirements.

**Progress Report** indicates grantee will not be able to meet project objectives described in grant scope of work.

**PISR** special conditions were not met.

Did Grantee meet these requirements?

Yes

**Other:**

No

**EXPLAIN WHY:**

n/a

**2) Review PISR requirements noted in Exhibit D** of the grant agreement.

**PISR report** did not provide sufficient documentation to determine the status of OWEB investment.

Did Grantee meet these requirements?

Yes

**Other:**

No

**EXPLAIN WHY:**

n/a

**3) Photo points:** Did Grantee fulfill the requirements for photo point monitoring (i.e. before and after photos located at consistent photo points, including a current photo).

Photo points do not include all major project components.

Photo points do not include project location on each landowner site.

Grantee is unable to locate photo point site(s).

Did Grantee meet these requirements?

Grantee is unable to access photo point location.

Yes

**Other:**

No

**EXPLAIN WHY:**

n/a

**4) Other requirement(s):**

**EXPLAIN WHY:**

## REPORT APPROVAL

**Progress report** demonstrates a trajectory for success in meeting project objectives. If not, report sufficiently indicates Grantee is taking action to increase likelihood for project success

**PISR** sufficiently describes project status to determine OWEB investment is in place and functioning as intended. If not, report sufficiently documents why, so to inform future OWEB decisions.

**JUSTIFICATION:** Briefly explain how you resolved issues documented in the checklist and/or attach relevant communications. If you need more room, continue on reverse side

Report approved by: \_\_\_\_\_

Project Manager Signature

Date



## Wheeler Soil and Water Conservation District

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### Middle Bear Creek BDA Restoration Project

Grant Number – 217- 6044 - 14238

Post Implementation Status Report #1

Date: 5/26/2022

1. To date, this project continues to meet the goals specified in the grant agreement:
  - a. Improve critical habitat for spawning steelhead.
  - b. Improve water quality and quantity.
2. (Talk to LO) As of this report there has been no maintenance performed on this project. The BDA structures along Bear Creek are continuing to expand surface flow which has reconnected the floodplain, expanded vegetation, and provided the riparian plant communities with the nourishment needed to mature and grow. Reporting costs come to \$500 per report which includes transportation and report compilation.
3. This project was displayed as a BDA workshop for local contractors and restoration practitioners throughout the John Day Basin. The Wheeler SWCD staff was in partnership with Anabran Solutions & Eco Logical Research in hosting the workshop. The workshop consisted of one classroom session and two field day sessions. Contractors and partners in the John Day Basin were educated on the history of beaver presence in the landscape and were involved in hands on construction of the structures.
4. Lessons learned during this project were that the structures are only a temporarily fix and that adaptive management plans will be needed. The Wheeler SWCD has witnessed these structures fail, however, often times

these failures still contribute to ecological benefits. A common occurrence associated with BDA failure happens when the stream finds a path along one end of the structure and starts to scour the banks. When these scours take out the banks this creates more stream sinuosity leading to a more diverse and complex habitat needed for fish populations.

5. Photos below.



Above: Constructed BDA structure # 8 showing flood plain connection. Point #24



Above: Riffle below BDA treatment. Point #1

Below: Riffle below BDA treatment. Point #2





Above: BDA structure expanding stream bank and increasing pooling. Point #3

Below: BDAs installed near the bottom of a riffle. Point #4





Above: BDA installed at the bottom of a lateral scour pool. Point #5

Below: BDA installed at the top of a lateral scour pool. Point #6





Above: View of BDA installed at a glide. Point #7

Below: BDA installed near the top of a riffle. Point #8





Above: A straight scour pool upstream from BDA. Point #9

Below: Barely visible BDA installed at a glide. Point #10







Above: A BDA installed at a glide. Point #11

Below: Another angle taken of same BDA. Point #12





Above: View of BDA structure from bottom of a long glide. Point #13

Below: Photo taken near the top of the same glide. Point #14





Above: Straight scour pool created by BDA. Point #15

Below: BDA installed at bottom of glide. Point #16





Above: BDA near bottom of a riffle with willows creating lots of shade. Point #17

Below: View of another BDA structure at the bottom of a riffle. Point #18





Above: Backwater pool created by BDA structure #1. Point #19

Below: View of structure #2 from different angle with engagement of side channel. Point #20





Above: View of BDA structure at bottom of a riffle. Point #21

Below: BDA structure at the start of a riffle. Point #22





Above: BDA placed at the start of a glide. Point #23