### National Fish and Wildlife Foundation

### 2013 Coho Enhancement Fund Project Monitoring Report

*\*Fill in all shaded areas*

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| PROJECT NAME: |  |
| PROJECT NUMBER: |  |
| RECIPIENT ORGANIZATION: |  |
| PROJECT TYPE: | Tributary Rearing Habitat Enhancement Project |
| RELATED HCP OBJECTIVES: | J. Connectivity; K. Tributary Rearing Habitat Enhancement |
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| REPORT TYPE: *(check one)* |  | Annual *(Project in progress)* |  | Final (*Project completed*)  |
|  |
| DATE SUBMITTED: |  |
| PREPARED BY: |  |

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| **A. Summary of Accomplishments for External Reporting:** Please provide a brief description (four to six sentences totaling no more than 200 words) for use by the public, governmental agencies and/or other external partners. This summary should include the following: * A one-sentence description of the project, its location and its goals;
* Two to three sentences describing your key accomplishments over the course of the project;
* One to two sentences describing any monitoring completed and the results of that monitoring.
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| B. Summary of Project and Location: Provide a summary description of the project and its location. Include a summary of the Project’s activities and how the Project fulfills the related HCP Objective. |
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| **C.** **Project Timeline/Budget:** For the Annual Report (Project in progress), describe what stage the Project is in, and whether activities are on schedule and within budget. Describe remaining activities required to complete Project. For the Final Report (Project completed), describe whether the activities were completed on schedule and within budget, and provide reasons for any variances in the schedule and/or budget. |
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| D. Project Related Targets: This report is specific to Projects directed at HCP Objectives J (Connectivity) and K (Tributary Rearing Habitat Enhancement). Indicate which target is applicable to the Project (check one or more).  |
|  | J1. Restore connectivity[[1]](#footnote-1) in stream reaches of juvenile rearing habitat in tributaries of the Upper Klamath, Scott River, and Shasta River. |
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|  | K1. Enhance rearing habitat in key rearing tributaries of the Upper Klamath, Scott River, and Shasta River. |
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|  | **K2.** Protect important summer rearing habitat in tributaries of the Upper Klamath, Scott River, and Shasta River. |
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| **E. Habitat Monitoring Results:** Please provide descriptions, measurements, or estimated values (as applicable) for each of the following metrics. Describe the methods or source of information relied upon for addressing each of the metrics.  |
| **1.** Specific site locations of the Project and the extent of reaches affected by the Project (including GPS coordinates and River Miles (RM) as appropriate):  |
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| **2.** For projects related to Target J1 (as checked above), describe the types of habitat connectivity addressed by project (e.g., suitable flows, connected habitat conditions): |
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| **3.** For projects related to Target K1 (as checked above), describe the types of improvements at sites addressed by project (e.g., channel enlargement; riparian plantings; cover enhancement): |
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| **4.** For projects related to Target K2 (as checked above), describe the types of improvements at sites addressed by project (i.e., Target K2 is specifically intended to focus on riparian fencing and plantings to protect riparian areas and streambanks): |
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| **5.** Lineal extent (ft or mi) of connected rearing habitat at the site pre- and post-project (for projects related to Target J1 as checked above) |
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| **6.** Lineal shoreline distance (ft) of riparian vegetation planting or maintenance (for projects related to Targets K1 or K2 as checked above): |
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| **7.** Lineal shoreline distance (ft) of riparian fence installation or maintenance (for projects related to Targets K1 or K2 as checked above): |
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| **8.** Riparian shade (%) on rearing habitat at the site pre- and post-project (for projects related to Targets K1 or K2 as checked above): |
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| **9.** Number of brush bundles installed present within the site pre- and post-project (for projects related to Target K1 as checked above): |
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| **10.** Number of boulders (>2 ft diameter) present within the site pre- and post-project (for projects related to Target K1 as checked above): |
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| **11.** Number of LWD (>16 in diameter) present within the site pre- and post-project (for projects related to Target K1 as checked above): |
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| **12.** Areal extent (sq ft or ac) of cover within treated habitat at the site pre- and post-project (for projects related to Target K1 as checked above): |
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| **13.** Areal extent (sq ft or ac) of rearing habitat at the site pre- and post-project (for projects related to Target K1 as checked above) |
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| F. Coho Salmon Use Monitoring Results: For each applicable Objective, describe results of existing monitoring of coho salmon use of these enhanced and protected habitats, if available, at project sites. Describe the methods or source of information relied upon for coho salmon use monitoring. |
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| G. Optional: Water Quality Monitoring Results: Respondents are encouraged, but not required, to provide descriptions, measurements, estimated values, or other recommendations for monitoring elements to account for the project’s effect on improving water quality conditions. Such improvements may include, for example, reductions in stream temperature (i.e., through riparian shading, increases of flow, enhanced cover), improvements in dissolved oxygen, or reductions in nutrient or sediment delivery to a waterbody. Describe the methods or sources relied upon for providing this information. |
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| H. References and Supporting Documentation: List any cited references used in this report. List and attach other supporting documentation, such as the following: Photos from the project (minimum resolution of 300 dpi); Report publications, GIS data, brochures, videos, outreach tools, press releases, media coverage;Other applicable project deliverables (per project contract).  |
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1. The HCP defines connectivity as the ability of coho salmon to access and move within reaches based on maintaining interconnection of suitable flow and habitat conditions through such reaches. [↑](#footnote-ref-1)