

Salmon Recovery Funding Board

Individual Comment Form



Lead Entity:	WRIA 9
Project Number:	15-1291
Project Name:	Turley-Lones Floodplain Restoration Project
Project Sponsor:	King County Department of Natural Resources and Parks
Grant Manager:	Elizabeth Butler

	Date	Status ¹
Post-Application		
Final	9/23/15	Clear

PROJECT SUMMARY *(for Review Panel reference only)*

King County proposes to complete conceptual designs for the Lones-Turley Levee setback located on the Middle Green River. Currently, the levees prevent the river from traversing the floodplain and disconnect existing isolated lateral habitats from the river. Future restoration will free the river to traverse the floodplain in an unconstrained manner for over a mile in length across 380 acres when the river exceeds 8,800 cfs, providing significant ecological lift for salmon habitat. Relocating the levees will facilitate fish access to side channels, riverine wetlands, and an abandoned oxbow channel. Removing the levees will allow the Green River to increase the extent, frequency, and duration of connection to these habitats. The goal of this grant is to prepare a conceptual design maximizing the restoration potential of the two levee sites while protecting farmland. The conceptual designs will diagram the: 1) removal of 2,630 feet of two levees on the Turley site and 1,482 feet of Lones Levee; and 2) construction of two underground revetments. King County will provide the following deliverables: 1) conceptual plan drawings and design report; 2) wetland assessment; 3) geotechnical study; 4) hydrologic analysis; 5) engineering construction cost estimate.

FINAL REVIEW PANEL COMMENTS

Date: 9/23/15

Final Project Status: Clear

Review Panel Member(s): Full Panel Review

1. If the project is a POC, please identify the SRFB criteria used to determine the status of the project:
2. If the project is Conditioned, the following language will be added to the project agreement:
3. Other comments:

POST-APPLICATION REVIEW PANEL COMMENTS

Date:

Project Status: Click to choose a status

Review Panel Member(s):

1. If the project is a POC, identify the SRFB criteria used to determine the status of the project:
2. If the project is a POC, identify the changes that would make this a technically sound project:
3. If the project is Conditioned, the following language will be added to the project agreement:

¹ CLEAR: Cleared to proceed; CONDITIONED: Cleared to proceed with a condition; NMI: Needs More Information; POC: Project of Concern; NOTEWORTHY: Exemplary Project

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4. General comments:



SPONSOR RESPONSE INSTRUCTIONS:

If your project is not cleared (i.e. has a status of NMI, Conditioned, or POC) you must update your proposal, PRISM questions, or attachments as necessary to address the review panel's comments. Use track changes when updating your proposal. Fill out the section at the end of your project proposal to document how you responded to comments.

DRAFT APPLICATION / SITE VISIT REVIEW PANEL COMMENTS

Date: June 17, 2015

Project Site Visit?

Yes No

Review Panel Member(s): Kelley Jorgensen and Steve Toth

1. Recommended improvements to make this a technically sound project according to the SRFB's criteria:

2. Missing Pre-application information.

This is a difficult project to evaluate because of the uncertainties associated with landowner willingness and working on agricultural lands enrolled in the King County Farmland Preservation Program (FPP). In particular, landowner willingness appears to be a considerable issue on the Lones levee site. All of the project objectives listed in the application relate to developing an alternatives analysis, but do not address landowner willingness or what outcomes are expected regarding habitat restoration on FPP lands (e.g., alternate setback structure on Lones property and farmed lands within Turley setback structure). In the final application please clarify your objectives with regards to landowner willingness and FPP lands. Will there be a need for further land acquisitions or conservation easements? If so, please identify these areas.

The final application needs to clarify the task for data collection of existing site conditions. Does this task include a detailed site survey of both areas? What is the purpose of the data loggers? What type of hydraulic modeling will be completed and will this work be sufficient to develop a preliminary design?

The proposed setback revetments would allow for increased channel migration and floodplain connection, although the agricultural lands would still limit channel migration opportunities. Launchable buried rock revetments would need to be constructed at setback boundaries. The application should include the amount of area that can potentially be reconnected at each of the two sites if setback revetments are constructed

3. General Comments:

The project area has great potential to provide important off-channel habitat areas for rearing and outmigrating juvenile salmonids. The sponsor is encouraged to take an aggressive approach removing as many constraints (aka infrastructure and development features) as possible that inhibit habitat forming processes in order to optimize the habitat area and benefits to fish.

4. Staff Comments:

Please see the PRISM application review comments in the PRISM on-line application.

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SPONSOR RESPONSE INSTRUCTIONS:

Revise your project proposals using “track changes” and update any relevant PRISM questions and attachments. Fill out the section at the end of your project proposal to document how you responded to comments.