



Oregon

Theodore R. Kulongoski, Governor

Department of Fish and Wildlife

Fish Division
3406 Cherry Avenue NE
Salem, OR 97303
(503) 947-6200
Fax (503) 947-6202
TTY (503) 947-6339
www.dfw.state.or.us

July 21, 2004

Dear R&E Applicant:



Thank you for your recent Restoration and Enhancement (R&E) Program project proposal. The R&E Board will review your project proposal on Friday, July 30, 2004. The meeting is scheduled to begin at 10 a.m. and will be located at:

Seafood Consumer Center
Conference Room
2021 Marine Drive, Suite 200
Astoria, OR 97103


Prior to review by the R&E Board, proposals are scored on technical merit by Oregon Department of Fish and Wildlife (ODFW) staff. The project score is located on the enclosed spreadsheet in the column titled "ODFW Review". Specific staff comments are attached. Please remember the R&E Board may agree or disagree with the ODFW score.

At the meeting the Board will review the proposals in a random order. You will have the opportunity to explain your project proposal to the R&E Board. If you wish to make a presentation, you will be given up to ten minutes. After your brief presentation, the Board may ask you questions about your project. You may either attend in person, or if you are unable to attend, the Board will call you when they are ready to review your proposal. If you need assistance with equipment for a presentation or wish to be contacted by phone you must notify ODFW R&E staff in advance. If you bring written materials to the board meeting, please provide ten (10) copies.

The Board will decide which proposals to recommend for funding. The Oregon Fish and Wildlife Commission has final approval of all projects. You will be notified of the Commission's decision within approximately 60 days following the R&E Board meeting.

If you need further assistance please contact me at 503-947-6232 or Lisa Kingsley, R&E Program Assistant, at (503) 947-6211.

Respectfully,


Gary Galovich cell (503)947-6339
Restoration and Enhancement Program Coordinator

GG/lmk

Enclosures





Fish Restoration and Enhancement Program

2003-2005 Biennium - Cycle Six Proposed Projects

Type	Number	Title	Sponsor	Total Cost	R&E Request	Sport (S) or Commercial (C)	ODFW Review
Enhancement							
Access	03-052	Alsea Hatchery Angler Parking Area	ODFW - Alsea Hatchery	37,226	32,226	S	3.5
Access	03-057	Lebanon Dam Boat Passage	City of Albany	5,365,000	50,000	S	4
Monitoring	03-050	Siltcoos and Tahkenitch Lakes Coho Fishery Statistical Creel	ODFW - Newport	20,810	13,310	S	5
Monitoring	03-059	Big Creek Monitoring and Assessment Project	Columbia River Estuary Study Taskforce	185,366	139,666	S	2.5
Propagation	03-053	Construction of Portable Anesthetic Tank	ODFW - Trask Hatchery	7,500	6,500	S	4
Passage	03-054	Wiley Creek Culvert Replacement	South Santiam Watershed Council	69,614	36,500	S	2.5
Passage	03-061	Camp Creek Fish Passage Structure	ODFW - Enterprise	21,690	14,770	S	4
Research	03-055	Green Peter Reservoir Vegetation Restoration	ODFW - Corvallis	22,940	6,450	S	3
Research	03-056	Siuslaw Estuary Video Fish Monitoring	Siuslaw Watershed Council	31,825	6,331	S	2
Total Enhancement				5,761,971	305,753		
Restoration							
Hatchery Maint.	03-051	Trask Hatchery Plumbing	ODFW - Trask Hatchery	13,300	8,500	C	4
Passage	03-058	Lebanon Dam Fish Passage	City of Albany	5,365,000	50,000	S	2
Passage	03-060	Smith-Bybee Water Control Structure Refinements	Metro Regional Parks and Greenspaces	36,500	15,400	S	2.5
Total Restoration				13,300	73,900		
Grand Total				5,775,271	379,653		

These projects will be considered at the July 30, 2004 Board meeting in Astoria, and if recommended, at the September 10, 2004 Commission meeting in Salem.

This is the sixth round of proposals for the 2003-2005 biennium.

Allocations must be made in the same proportion as sport and commercial surcharge revenues.

ODFW staff provides reviews for the Board's consideration.

ODFW Review Key	
The scale is from 1 to 5, with 5 being the highest.	
1	= Do not support
2	= Some concern but worthy of further discussion
3	= Some concern but worthy of further discussion
4	= Recommend funding
5	= Recommend funding



Fish Restoration and Enhancement Program Oregon Department of Fish and Wildlife (ODFW) Review Team Comments

Project 03-060
Smith-Bybee Water Control Structure Refinements

Rank: 2.5

This application was submitted by the Metro Regional Parks and Greenspaces Department and requests \$15,400 of R&E funding for a \$36,500 project to improve fish passage at a water control structure used to manage wetland habitat at Smith and Bybee Lakes and their associated sloughs. Smith and Bybee Lakes are located in the lower Willamette and Columbia River floodplain. Features such as these provide valuable seasonal refuge and rearing habitat for juvenile salmonids. Although the existing structure does provide fish passage, the proposed modifications would improve effectiveness and allow for better monitoring and maintenance. R&E funds would be used to compensate Ducks Unlimited and Metro staff for their time on the project, materials for the fishway and contracted construction costs.

The Review Team concluded:

- River slough and floodplain habitat has significant value for multiple species of fish. It is particularly important as seasonal refuge and rearing habitat for juvenile salmonids.
- Due to the potential multiple benefits of this type of work (wetland enhancement, riparian restoration, floodplain restoration, wildlife habitat, fish habitat, etc.), Oregon Watershed Enhancement Board (OWEB) has been funding similar projects.
- The Review Team questioned the appropriateness of this approach to wetland restoration in a floodplain environment. This approach relies on artificial water control structures which, although effective at water and vegetation management, can compromise the natural movement of aquatic wildlife species.
- If the existing structure was initially funded with grant dollars, there may still be an obligation to operate the structure as designed. Also, if not initially designed properly the person placing the structure may have an obligation to initiate the repairs.
- This project is ongoing. They discussed the appropriateness of R&E funding an ongoing project.
- The habitat restoration effort surrounding this structure may be conflicting. Efforts to restore the wetlands and native vegetation require artificial water control and passage structures which hinder the natural movement of fish into and out of floodplain habitats.

- Without adequate in-flow water level to the impoundment area, outmigration of juvenile fish may be hindered. As a result, fish that are not able to migrate out from the impoundment area may be exposed to unfavorable water conditions, as the season progresses.
- This project provides for monitoring which may provide valuable information as others pursue this approach to habitat enhancement.
- The benefits to the anglers are clear.



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August 13, 2004

Elaine Stewart
Metro Parks and Greenspaces
600 NE Grand Ave.
Portland, OR 97232-3736

Re: R&E Project 03-060
"Smith-Bybee Water Control Structure"

Dear Elaine:

This letter is to inform you that the Board will recommend the Oregon Fish and Wildlife Commission approve funding in the amount of \$8,000 for the project proposal "Smith-Bybee Water Control Structure."

The Commission will be presented with the Board's recommendation at their meeting on September 10, 2004. After project funding is approved by the Commission, you will receive a contract to formalize the agreement between the R&E Program and yourself. Your project may not begin until all signatures have been obtained.

Should you have any questions or need further assistance, please contact me at (503) 947-6232 or Lisa Kingsley, Program Assistant, at (503) 947-6211.

Thank you for your interest in the Fish Restoration and Enhancement Program and the natural resources of Oregon.

Sincerely,

Gary Galovich
Restoration and Enhancement Program Coordinator

GG/lmk



Oregon

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November 17, 2004

Elaine Stewart
Metro Regional Parks and Greenspaces Department
600 NE Grand Avenue
Portland, OR 97232-3736

RE: Project Number: 03-060
Title: Smith-Bybee Water Control Structure Refinements

Dear Elaine:

Please find enclosed the Fish Restoration and Enhancement (R&E) program materials and information for the above-mentioned project. Included in the packet are two grant agreements requiring your signature. Please sign both copies and return one to me. The approval signature has been obtained from our office. You should keep one copy for your records.

Also, enclosed are the *Grantee's Request for Fund Release* form, and the *R&E Project Completion Report* form. You will use these forms to request funds for your project and complete the final paperwork needed.

As stated in the grant agreement the program will provide signs to identify the project site as being funded by R&E. Please contact me to receive your signs, as there are several sizes available.

If you have any questions concerning your project, the grant agreement, or the accounting process, please contact Gary Galovich, R&E Program Coordinator, at 503-947-6232 or myself at 503-947-6211.

Sincerely,

Lisa M. Kingsley
R&E and STEP Programs Assistant

Enclosures

cc: Gary Galovich, ODFW, R&E Coordinator
File





METRO

November 29, 2004

Gary Galovich
Oregon Department of Fish and Wildlife
Fish Division
3406 Cherry Avenue NE
Salem, OR 97303

Dear Gary,

Enclosed are copies of the drawings for trash racks on the Smith-Bybee water control structure that are partially funded by an R&E grant. I really appreciate your assistance and your efforts to expedite the fish passage review by ODFW personnel.

If there is anything I can do to assist with this process, please let me know. Metro and Ducks Unlimited had hoped to complete the trash rack installation by the end of the calendar year, and we cannot begin fabrication until ODFW's review process is complete. You may contact me at 503-797-1515 or via email at stewart@metro.dst.or.us if you need further information. Please feel free to pass my contact information along to the fish passage reviewers if they wish to contact me directly.

I will call you by the end of this week if I have not heard from you first, to see how the review is going. Thanks again for your help.

Sincerely,

A handwritten signature in cursive script, appearing to read "Elaine M. Stewart".

Elaine M. Stewart
Smith and Bybee Lakes Wildlife Area Manager

cc Ducks Unlimited – Chuck Lobdell, Gus Williams

Metro Regional
Parks and Greenspaces



METRO

600 NE Grand Ave., Portland, OR 97232-2736
(503) 797-1850

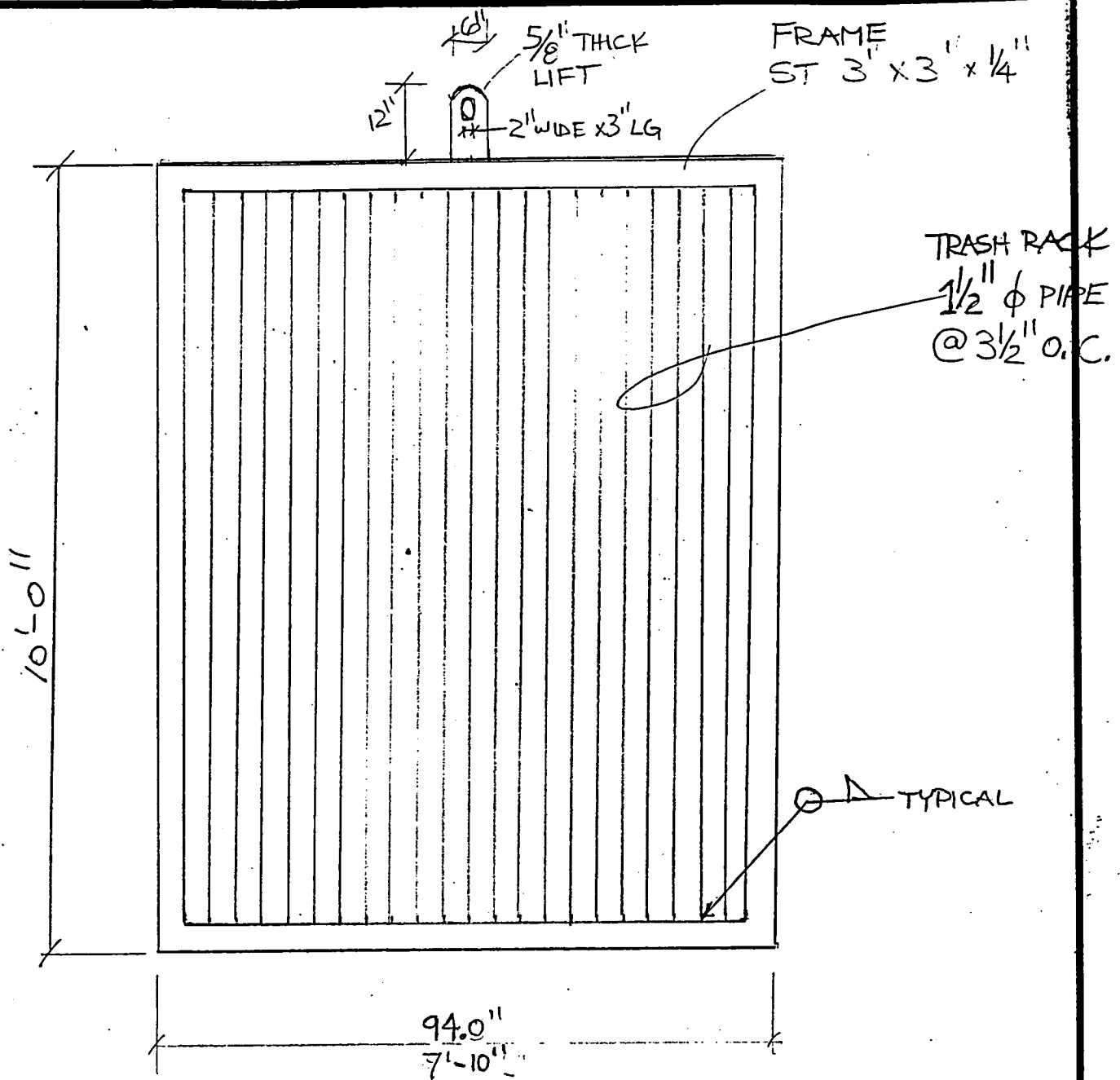
To: Tom Stahl Phone: 503-947-6228
Company: ODFW Fax: 503-947-6202

Date: 12-7-04
#Pages: 2

From: Elaine Stewart Phone: (503) 797-1515
Smith and Bybee Lakes Wildlife Area Manager Fax: (503) 797-1849

Comments: Detailed drawings of trash rack.
Let me know if you have more questions.

Please call if fax is not received properly.



MATERIAL

- 1) A53 STEEL
- 2) SAND BLAST + EPOXY COAT - ALL (BLACK COLOR)

TOTAL WT. 975 #

TRASH RACK (4 REQ'D)



Sheet _____



PROJECT NO. OR-32-1
TRASH RACK
SMITH-BYBEE

DESIGNED BY: GW
DRAWN BY: GW
SURVEYED BY:
CHECKED BY:



M E M O R A N D U M
OREGON DEPARTMENT OF FISH AND WILDLIFE
Fish Screening and Passage Section

DATE: February 17, 2005
TO: Tom Stahl
FROM: Suzanne Pollon, P.E.
SUBJECT: Smith-Bybee Water Control Structure Trash Rack

As per our conversation on February 7, 2005, I have been looking into the suitability of the proposed trash rack at the Smith-Bybee water control structure.

This structure is unique in that the trash rack is placed at the fish ladder entrance, whereas most trash racks are placed at the fish ladder exit. Based on the water flow control between the slough and the wetland area, the placement is appropriate. In my opinion, although the trash rack criteria and standards are intended for exit trash racks, it would be correct to apply them to this trash rack.

Standards practice is to use a clear space of 8 inches or more between vertical bars. The proposed trash rack has only 2 inches of clear space. I spoke with the NOAA biologist Ben Meyers about the limited clear space. In his estimation, 2 inches would be sufficient for the juvenile salmonids expected to pass through the ladder.

The proposed trash rack design falls within other standard practices and should be considered satisfactory for its intended purpose.

During the review of the trash rack, some other issues with the ladder were discovered that I would like to call to your attention.

- It appears as though there is no easy human access to the ladder. This could deter any monitoring of the ladder to make sure that it has not been damaged or that it has debris caught up within a pool.
- It also appears as though the bottom 3 pools located in the upper (CIP headworks) ladder have too shallow of a pool depth. They are 0.5 feet, 1.0 feet and 1.5 feet deep, versus 2.0 feet that is required in our criteria.
- Finally, I have concerns that the upper ladder (CIP headworks) will exceed allowable velocities and energy dissipation factors (EDF). Although I do not have an operations plan or a full set of drawings, it appears as though it is not possible to operate the ladder in a way that meets the criteria.

Thank you for allowing me the opportunity to review this project. Let me know of any further assistance that I can offer.

From: "Gus Williams" <gwilliams@ducks.org>
To: <stewarte@metro.dst.or.us>
Date: 6/8/2005 11:37:55 AM
Subject: Re: COE permit mod for S&B is on its way

Elaine,

I have ordered the trash racks to be fabricated. The cost is \$13500. We should receive the racks by July 11. Also, you mentioned a funding source which we must use by a certain date. Could you remind which source that is?

Thanks,
Gus

>>> "Elaine Stewart" <stewarte@metro.dst.or.us> 06/08/05 10:17 AM >>>

Hi there,

Just a follow-up to let you know that the Corps should be mailing the modified permit to me today. This is the modification to allow the trash rack installation at the S&B structure.

Cheers,
Elaine