R & E Grant Application 25-27 Biennium

Project #: 25-003

Clyde Holliday and 7th Street Ponds Aerator

Project Information

Requested Cycle:	25-1
R&E Project Request:	$33,000
Other Funding:	$3,000
Total Project:	$36,000
Spending Start Date:	7/1/2025
Spending End Date:	6/30/2027
Project Start Date:	7/1/2025
Project End Date:	6/30/2027
Organization:	Oregon Department of Fish and Wildlife

Applicant Information

Name:	Stephan Charette
Address:	PO Box 9. 305 N. Canyon Blvd. John Day, OR 97845
Telephone:	541-575-1167
Email:	Stephan.R.Charette@ODFW.Oregon.Gov

Past Recommended or Completed Projects

This applicant has no previous projects that match criteria.

Authorized Agent

Name:	Bryce Hansen
Address:	4034 Fairview Industrial Dr. SE Salem, OR 97302
Telephone:	9716007480
Email:	bryce.p.hansen@odfw.oregon.gov

Location Information

Where is it?

The project will occur on public land owned or managed by another party

Landowner Information

Name:	Grant School District
Address:	401 N Canyon City Blvd. Canyon City, Oregon, 97820
Phone:	541-575-1280

Name:	Oregon State Parks
Address:	725 Summer St. NE, Suite C Salem, Oregon, 97301
Phone:	503-986-0707

Site Description

Street Address, nearest intersection, or other descriptive location.

Clyde Holliday Pond: Travelling East, proceed 0.8 miles from the intersection of Hwy 395 and Hwy 26 in Mount Vernon, OR. Turn right (south) onto a small gravel road signed for the pond a short distance from Hwy 26.

7th Street Pond: Travelling East on Hwy 26, turn left (North) on NW Bridge Street in the town of John Day. Travel 1/2 mile to the junction with 7th street, turn right (east) onto 7th Street, and the pond is located on the north side of the road beside the main parking area for 7th Street Park 300 yards from the intersection with NW Bridge St.

Directions to the site from the nearest highway junction.

Clyde Holliday: 0.8 miles from the Hwy26-US395 intersection in the town of Mount Vernon adjacent to Hwy 26.
7th St. Pond: Roughly 1/2 mile North from the city center of John Day adjacent to 7th Street complex baseball field.

Following project completion, public anglers will be allowed the following level of access to the project site:

Full access

Please describe what leases, easements, agreements are in place to ensure angler access to the project site, and what is the length of each agreement.

ODFW maintains an agreement with both State Parks and the Grant County School District to stock fish and help maintain or improve both sites for recreational fishing opportunities.

Dominant Land Use Type:

Urban residential
Clyde Holliday is a State Park for both day-use and camping, and 7th Street Complex is a John Day City Parks and Recreation facility.

Project Location

General Project Location.

County:	Grant
Town/City:	John Day/Mount Vernon
ODFW Dist:	John Day
Stream/Lake/Estuary Name:	Clyde Holliday and 7th Street ponds
Sub-basin:	17070201
Tributary of:	John Day River

Specific Project Location.

Latitude	Longitude
44.4230	-118.9520
44.4160	-119.0970

Project Summary

Project Summary

Please provide a couple sentence summary of the proposal.

Both Clyde Holliday and 7th Street ponds are closed systems with no water flow/exchange during the summer months. The ponds are stocked annually with rainbow trout, and we propose installing an aerator system in each pond to help summer survival and reduce stress to the fish.

Overall Project Goals

Describe the primary goals or outcomes of the entire project, including elements not requesting funding from R&E.

The primary goal is improve dissolved oxygen levels in both ponds during the summer months which is a time period where both ponds turn slightly anoxic and fish kills frequently occur. The project will be considered a success if DO improves and we observe less severe summer fish mortality.

Primary objectives of R&E funding

Please describe the measurable objectives for the R&E portion of the funding request.

The primary goals for these funds is to return the ponds to a healthier environment for fish, providing extended opportunities for the John Day and Mount Vernon communities. Improving DO levels will be a primary way to monitor success.

Current Situation/Justification

Please describe the current situation and explain why this funding is needed.

Both ponds are closed systems and the lack of water flow in the summer months often reduces DO and increases temperatures, causing high rates of mortality by mid-summer. These ponds are the only publicly available fishing ponds within a 45 minute drive from both communities, and when large fish kills occur, this essentially eliminates fishing opportunities for many in the area who may not have the means or desire to travel greater distances to fish. Aerators will help with improving DO levels, and improve conditions for stocked trout. ODFW is also examining the feasibility of stocking largemouth bass and bluegill in both ponds, which may be a better fish species suitable for the summer water temperatures of both ponds. Aerator systems will be required regardless of stocked fish species due to the low levels of DO in these closed systems.

Recreation and Commercial Benefit

This project will provide benefits to:

Recreational fisheries

Explain how this project will contribute to current (and/or potential) fishing opportunities, access, or fisheries management.

Due to the fact these ponds are the only publicly available fishing opportunities in the John Day, they remain extremely popular. As summer temperatures rise and DO levels drop, we regularly observe near complete fish kills in both ponds by Mid-July through early August. By ameliorating water quality conditions in both ponds, we plan to improve fish survival and extending recreational fishing opportunities in the region.

Percent benefit split between Commercial and Recreational anglers:

0 % Commercial
100 % Recreational

Please explain, or justify, how the percentage split was determined:

The ponds are stocked with fish for recreational purposes only, with no viable options for commercial interests.

This project has been identified as an ODFW priority for:

Local/watershed

Does this project directly support implementation of the ODFW Strategic Plan and/or current Fish Division priorities?

No

Please briefly explain when this was identified as a priority and what process or workgroup was used to identified this as an ODFW priority.

This is a local issue to the John Day basin, and remains a priority for improving local fishing opportunities to these rural and underserved communities.

Identify any plan or other document that identifies this priority.

N/A

Is this project part of an approved Salmon-Trout Enhancement Program (STEP) activity?

No

This project is intended to benefit the following species:

Largemouth Bass
Rainbow Trout

This project will benefit anglers or fishery by providing:

Angling Opportunity

Angling Opportunity

This project will:

Improve the opportunity for anglers to catch fish (better stocked fish, trapping)
Restore a degraded fishery

Project Description

Schedule

Activity	Date	RE Funding

Purchase materials and supplies for both aerator systems	07/25	Yes
Hire electrician or other contractors necessary for portions of the installation	07/25	Yes
Build both aerator systems using ODFW personnel and subcontractors as needed.	08/25	Yes

Permits

Permit	Secured?	Date Expected
Grant County Planning Department permits and final inspection of any electrical work are all the permits needed for this project.	No	07/25

Project Design and Description

Please describe in detail the methods or approach that will be used to achieve the project objectives.

We will obtain a design for both aerator systems working with ODFW Construction Manager Bryce Hansen. The 7th Street site has electrical sources nearby, which will negate the need for solar power, but will require a licensed electrician to install power the supply. Clyde Holliday Pond does not have a nearby electrical source nearby and will require a solar powered pump system. Once the materials and supplies have been procured, local ODFW staff will install the system.

Engineering

Does the project involve capital improvement, engineering, site grading or other construction?

No

Project Management and Maintenance

What is the life expectancy of R&E funded construction, structures, equipment, supplies, data or fishery?

The aerator systems should last 10-20 years before requiring any major replacement. Local ODFW staff will monitor aerator function and address issues as they arise.

Who is responsible for long term management, maintenance, and oversight of the project beyond what is funded by R&E.

ODFW John Day District Fish staff will be responsible for maintenance/repairs of the aerator systems.

Will the project require ongoing maintenance?

No

Is there a plan to collect baseline data and to conduct monitoring efforts to measure the effectiveness of the project?

No

Project Funding

Funding

Have you applied for OWEB funding for this project?

No

Has this proposal, or similar proposal for this project location, previously been denied by OWEB or other funding source?

No

Other Funding Source	Type	Secured	Dollar Value	Comments

ODFW personnel for installation	In-Kind	Pending	3,000	Estimate of hours needed for ODFW to install the systems
		Total	3,000	

Budget

Item	Unit Number	Unit Cost	In-kind or non-cash contributions	Funding from other sources	R&E Funds	Total Costs
PROJECT MANAGEMENT						
		SUBTOTAL				
IN-HOUSE PERSONNEL						
District staff time to install and coordinate			3,000			3,000
		SUBTOTAL	3,000			3,000
CONTRACTED SERVICES						
Electrician contract to connect power to aerators					3,500	3,500
		SUBTOTAL			3,500	3,500
TRAVEL						
		SUBTOTAL				
SUPPLIES/MATERIALS						
Supplies and aerator kits					26,000	26,000
		SUBTOTAL			26,000	26,000
EDUCATION/OUTREACH						
		SUBTOTAL				
EQUIPMENT						
Tough shed to house aerator pumps					3,500	3,500
		SUBTOTAL			3,500	3,500
FISCAL ADMINISTRATION						
		SUBTOTAL				
		BUDGET TOTAL	3,000	0	33,000	36,000

Internal Review Results

Review Score: 4.1 out of 5

(1 = Do Not Fund, 2 = Strengthen Proposal, 3 = Recommend with Conditions, 4 = Recommend, 5 = Strongly Recommend)

Summary of Review Team Comments

IRT agreed that this would help with the local angling community by extending the survival of fish in the ponds in summer months. Some questions around the vagueness of the budgeted line items.

Specific Review Team Comments

Review project schedule timeline - spending cannot start until July 1, 2025.

Include match time in project budget for ODFW district staff project coordination.

Specific Review Team Questions

If the ponds freeze in the winter, will the aerators be removed and stored, or do they remain in place? How will they be protected from the weather?

The aerator units will be located on the bottom of the pond and will not be affected by the freezing and thawing of the pond surface. Airlines need to attach from the aerator in the pond to the pumps, and since these locations are highly used by the public, we plan to bury the lines below the frost line and at least six feet into the pond to avoid being tampered with. Since they will be below the frost line and in conduit this will also eliminate any potential damage from the weather events. By using this type of aerator, it will allow us to run them through the winter under the ice if we feel it's necessary, although we will likely turn them off in November and use them from early spring through late fall.

Describe the need for the tuff sheds. Are there any permits/agreements required to install these structures on non-ODFW property?

Clyde Holliday Pond has no covered area nearby for the aerator pump system, therefore a small tuff shed is likely needed to store the system out of the elements. Oregon State Parks is aware of the potential need for a small shed to keep the equipment sheltered from the elements.

A tough shed is likely not needed at 7th Street pond as a covered shed exists on site near the pond and will likely be large enough to install the system inside, although a small shed may be needed depending on the size of the system.

Who will pay for the power needed to run the wired aerator?

Annual electricity costs to run the 7th Street Pond aerator will be paid for by the John Day Parks and Recreation department. We will use R&E funds to pay for a licensed electrician to connect the system if needed. John Day Parks and Recreation are aware the aerator will require electricity and have agreed to pay the annual costs associated with operating the system.

Clyde Holliday pond has no electrical nearby, therefore we will install a solar operated system at this site.

Additional Files

Budget Information

Maps

- Location Maps

Photos

Pictures	*Site pictures*
Pictures	*Site pictures*
Pictures	*Site pictures*
Pictures	*Site pictures*

Design Information

Management Plans and Supporting Documents

Permits and Reviews

Partnerships

Public Comment

Administrative Documents

- Signature Authorization Page

Completion Report

A completion report has not been submitted for this project.