

**From:** Satoko Mills <satoko@thewatershedproject.org>  
**Sent:** Friday, August 29, 2025 3:27 PM  
**To:** Maureen Parkes <Maureen.Parkes@dcd.cccounty.us>  
**Subject:** Re: CCC Fish & Wildlife Propagation Fund - Request for More Information

Hi Maureen,

Thanks very much for waiting.  
The Watershed Project's answers to your questions are as follows.

1. Itemized budget \$3150
  - a. HOBO replacement  $\$159 \times 4 = \$750$  (tax and shipping included)
  - b. Batteries (4 packs) \$30
  - c. Nitrate modules replacement  $\$351 \times 2 = \$800$  (tax and shipping)
  - d. pH Meter  $\$126.45 \times 2 = \$380$  (tax and shipping)
  - e. DO membrane  $\$85 \times 3 \text{ box} = \$340$  (tax and shipping)
  - f. any maintenance items such as Diagnosis for the YSI DO meter (which happened twice in 2024) and other meter troubleshooting and replacement \$850
2. Frequency of fieldwork
  - a. Fish Barrier Assessment: 3-4 events with multiple sites during the dry seasons (June to Oct). We may need to revisit during the high water flow season (November to March) as needed.
  - b. HOBO logger data extraction: monthly
3. Share the equipment with TU

The Watershed Project and John Muir Trout Unlimited would each like to have their own set of assessment equipment. We work together as a partnership project to standardize the protocol and equipment, but we will assess the different areas. JMTU will cover the upper portions of Wildcat Creek and TWP will cover lower Wildcat Creek; the entire reach is 14 miles long. Having separate equipment will optimize our ability to cover the territory, as described below.

  - Administrative implications to having managing, coordinating a schedule, and logistics
    - The Watershed Project is a non-profit organization that will work with volunteers and our interns for this project. JMTU is a volunteer-based non-profit organization. Sharing equipment makes it harder to schedule volunteer events for both organizations due to all the coordination work,

including logistics (delivering schedule and delivery fee, staff work) that would be required. Therefore, we would like to minimize this challenge.

- Coverage of 14 miles of monitoring in the watershed with only one set of equipment will slow down the work; having 2 sets of equipment minimizes time spent on logistics and coordination, and maximizes flexibility, allowing both organizations to focus on quality data collection events
- Both sets of equipment could be used on the same day
  - Our assessment would be conducted during the dry season for safety concerns. However, we may need to revisit sites on a high-flow (rainy) day in order to assess how the fish barrier is impacted by water flow. In this case, both organizations may need to revisit the fish barrier on the same day, which means both organizations need equipment on the same day.

Please let me know if I need to provide more information.

Thanks very much,  
Satoko

On Thu, Aug 21, 2025 at 12:53 PM Satoko Mills <[satoko@thewatershedproject.org](mailto:satoko@thewatershedproject.org)> wrote:

Hi Maureen,

Thanks very much for your email. I received it, and I will discuss it internally and externally with Trout Unlimited. I will reply with our answer by 9/8.

Satoko Mills

On Thu, Aug 21, 2025 at 12:38 PM Maureen Parkes <[Maureen.Parkes@dcd.cccounty.us](mailto:Maureen.Parkes@dcd.cccounty.us)> wrote:

Dear Ms. Mills,

At its August 20, 2025 meeting, the Contra Costa County Fish and Wildlife Committee reviewed your grant application for “*Steelhead Trout Protection Research Project*”. The Committee will continue reviewing applications at its September 17, 2025 meeting and is requesting additional information in advance:

Itemized budget for: Replace meters (HBO loggers, parts, modules), batteries, and any maintenance items (\$3,150)

1. What is the frequency of the field work?
2. Can products be shared with Trout Unlimited?

Please provide your responses by **September 8, 2025**, so they may be included in the meeting agenda packet.

Thank you.

Maureen

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Maureen Parkes  
Contra Costa County Department of Conservation and Development  
30 Muir Road  
Martinez, CA 94553  
Phone: 925-655-2909  
Email: [maureen.parkes@dcd.cccounty.us](mailto:maureen.parkes@dcd.cccounty.us)