

Department of Health Clean Water Branch Polluted Runoff Control Program

Quarterly Status Reporting Form
Clean Water Act 319(h) NPS Implementation Program

Quarterly Status Reports are required per contract terms. If no work was done during the reporting period, the CONTRACTOR must provide an explanation of the circumstances.

This Quarterly Status Report is for the period indicated below (**check only one and insert year**):

- ☐ January 1 – March 31, _____ (Due April 15th)
☒ April 1 - June 30, 2022 (Due July 15th)
July 1 – September 30, _____ (Due October 15th)
☐ October 1 – December 31, _____ (Due January 15th)

Submitted By: **The Nature Conservancy**

Project Title: **He'eia Watershed Ungulate-Exclusion Fencing and Erosion Control**

Project Start/Completion Date: **January 2021 / December 2023**

Estimated % of Project Completed: 10 %

Estimated % of Grant Funds Previously Requested: 5 %

Quarterly Status Report Number: #6/ 06-22

Name, telephone number, and e-mail of person to be contacted for questions regarding this report:
Kim Falinski, kim.falinski@tnc.org, 808-206-6565

Please provide the following information for this reporting period. Additional sheets may be attached:

1. Progress/tasks started and/or completed as defined in the Contract's Scope of Services during **current** reporting period.

A. Summary of work completed (list all tasks and deliverables)

Task/Deliverable	Due Date	Date Task Completed/ Deliverable Submitted
Conduct: Build community support for the project, including engaging local hunters and community leaders	In progress	
Submit: Write and submit Project Effectiveness Monitoring Plan and Sample Analysis Plan for DOH approval	In progress	
Conduct: Submit permitting memos to OCCL	In progress	

B. GRTS Load Reductions

Pollutant	Estimated Load Reduction
Nitrogen (lbs/yr)	0 lbs
Phosphorous (lbs/yr)	0 lbs
Sediment (tons/yr)	0 lbs

C. Narrative Progress Report

2. Description of any major issues/problems encountered and/or resolved that may affect the CONTRACTOR's ability to complete the project as required (i.e., weather, personnel, equipment, etc.). If there is a change in the project timeline or budget, provide an explanation, revised timeline, budget, and completion schedule. (Please note that no-cost extensions must be applied for through the Department and will only be granted when the CONTRACTOR has demonstrated unforeseeable setbacks.)

During this reporting period from April 1, 2022 to June 30, 2022 The Nature Conservancy (TNC) continued to meet monthly with the science and planning teams and with Kāko'o 'Ōiwi (KO), the leaseholder and lead partner organization for the project. On April 25th and June 15th, we met with Kawika Winter, the director of the National Estuarine Research Reserve (NERR), to outline a process for finalizing the fencelines for this project. A principal concern with this project was to develop community support for the fencing project, a goal that had proven very difficult with the constraints imposed by COVID over the past two years. Through that time, however, Dr. Winter has had a researcher on his team working with the Executive Director of KO to come up with a culturally sensitive vision for the upland 200-acre area managed by KO. Through consultation with the visioning exercise, we are refining our originally planned fenceline and identifying new areas that would be protected by the fence, become active native plant restoration areas, and retain sediments and nutrients in the watershed. In the next quarter (August) we plan to move forward on establishing these fencelines.

We also continued working with scientists from the NERR to finalize the monitoring plan. We trained with NERR staff on how to use an ISCO autosampler, and helped to deploy the sampler at downstream sites including Wai 2 at the mouth of the fishpond. And, we met with researchers who had already been monitoring vegetation in the project area which can serve as a baseline for our project. We expect to be able to provide a draft monitoring plan to HDOH, that includes the water quality and vegetation monitoring that is ongoing, by the end of August 2022.

The weather has been very dry during this reporting period, and baseflow in the stream has been at a minimum. There have been no storm events to report for this period, however we continue to work with partners to collect monthly water quality samples above and below the planned project site that can establish the baseline conditions against which project effects can be measured.

While we had intended to establish a rain station in this quarter, partners at the University of Hawai'i were awarded a large grant to establish long-term weather stations across the state using common data service and QA methods. We are hoping to collaborate with the UH team to install

one of their standard stations at our site so that we get the data we need for this project and also contribute to the larger statewide dataset. We will continue to support this installation at the upland Papahana site.

3. Description of any significant findings, results, or conclusions. If none, please indicate so.

Through our partners at the NERR we have initial vegetation maps for a subset of sites in the area.

4. Based on the Scope of Services, a description of tasks expected to be completed in the next reporting period.

Tasks planned for the next reporting period, July 1 to Sept 30 2022, are as follows:

- Finalize the fenceline with partners and initiate process for fencing contract
- Begin application for permit exemption for fenced area to DLNR
- Finalize the monitoring plan for submission to DOH
- Apply for a no-cost extension for this award to ensure sufficient time to accomplish all of our grant objectives and deliverables

Summary of expenditures and in-kind contributions previously requested in comparison with the Contract's project budget and remaining funds. The summary must be actual cumulative amounts for each line item (i.e., personnel services, travel, operating expenses, equipment acquisition, construction materials, other, etc.) current as of this quarterly status report. Please see the example on Page 4 if necessary.

Grant Funds

No.	Description	Original Contract Amount	Contract Amounts from Preceding QSR	Expenditures during this Quarterly Reporting Period	Current Contract Amount (Remaining Funds)
A.	Personnel Services	\$ 75,957.00	\$ 6,875.58	\$ 884.85	\$ 68,196.57
B.	Travel	\$ 5,006.00	\$	\$	\$ 5,006.00
C.	Operating Expenses	\$	\$	\$	\$
D.	Equipment	\$	\$	\$	\$
E.	Professional Services	\$ 82,600.00	\$	\$	\$ 82,600.00
F.	Construction Materials and Supplies	\$ 5,600.00	\$ 1,084.69	\$	\$ 4,515.31
G.	Other Misc. Expenses	\$ 41,771.10	\$ 1,824.69	\$ 201.12	\$ 39,745.29
TOTALS		\$ 210,934.10	\$ 9,784.96	\$ 1,085.97	\$ 200,063.17

In-Kind Contributions (Matching Funds)

No.	Description	Original Contribution Amounts	Contribution Amounts from Preceding QSR	Contributions during this Quarterly Reporting Period	Current Contribution Amount (Remaining Funds)
A.	Personnel Services	\$ 18,989.00	\$ 1,496.96	\$	\$ 17,492.04
B.	Travel	\$ 1,252.00	\$	\$	\$ 1,252.00
C.	Operating Expenses	\$	\$	\$	\$
D.	Equipment	\$	\$	\$	\$
E.	Professional Services	\$ 20,650.00	\$	\$	\$ 20,650.00
F.	Construction Materials and Supplies	\$ 1,400.00	\$	\$	\$ 1,400.00
G.	Other Misc. Expenses	\$ 10,442.84	\$ 351.79	\$	\$ 10,091.05
TOTALS		\$ 52,733.84	\$ 1,848.75	\$	\$ 50,885.09