

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, 2022 (Due April 15<sup>th</sup>)  
☐ April 1- June 30, \_\_\_\_\_ (Due July 15<sup>th</sup>)  
☐ July 1 – September 30, \_\_\_\_\_ (Due October 15<sup>th</sup>)  
☐ October 1 – December 31, \_\_\_\_\_ (Due January 15<sup>th</sup>)

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: 3 %

Quarterly Status Report Number: #5/ 3-22

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 January 1, 2022 to March 31, 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. KO underwent recent staffing overhauls that reset some of the work we had done reaching out to staff members to share the vision for the project and solicit feedback, but over the course of this reporting period we were able to adapt to the changes and establish a strong base of support within the team, alleviating many of the concerns that had arisen early in the project and caused delays in being able to move forward with implementation.

We also continued working with scientists from the National Estuarine Research Reserve (NERR) to finalize the monitoring plan. Based on the plan developed, we were able to purchase needed monitoring supplies such as game cameras to track animal movement within the fencing unit and HOBO pressure sensors that will track water depth in sampling locations during storm events. We have also obtained the quotes needed to purchase the autosamplers that will be used to collect water samples over the duration of the project, and will be purchasing them in this upcoming quarter.

To collect rainfall and other environmental data needed for this project, we have been working with the NERR, KO, and Papahāna Kūāloa to repurpose and relocate an existing weather station to meet the shared needs and goals of the project partners and other organizations working in the ahupua'a. The weather station will be installed and operational within the coming quarter.

To develop the capacity needed to implement the project monitoring and support the fence siting and installation, we hired a technician this quarter to support the project. We have completed their onboarding and they'll now be able to assist as we move this coming quarter into installing monitoring equipment, beginning data collection, and initiating the fence construction contracting.

In the previous quarter we began analyzing existing data from four years of sampling within the watershed, which verified that the priority area identified would benefit from this fencing project to help reduce nitrogen and sediment loading into the watershed. We have continued analyzing these data to make full use of all of the information available to inform the final discussions and decision about the siting of the fence, and to establish baseline conditions prior to fencing implementation.

COVID-driven delays continue to be an impediment to following our desired timeline, exacerbated by the recent staffing changes at KO. However all project partners are now in alignment on the goals and process to move forward with fencing and the management actions required to reduce sediment and nutrient inputs from this critical area in the He'eia watershed.

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

No new significant findings, results, or conclusions in this reporting period.

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, April 1 to June 30, 2022, are as follows:

- Continue progress on building relationships with hunters through informal and formal channels
- Complete the purchasing of monitoring instrumentation identified in the monitoring plan
- Install discharge monitoring equipment and begin to take nutrient and TSS samples to coincide with runoff events
- Install game cameras purchased in the current reporting period with the help of our partners
- Finalize the site selection and path for fence construction
- Initiate fencing contract process and solicit bids from potential vendors

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	\$ 4,616.32	\$ 2,259.26	\$ 69,081.42
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	\$ 1,064.60	\$ 4,104.04	\$ 39,946.41
<b>TOTALS</b>		<b>\$ 210,934.10</b>	<b>\$ 5,680.92</b>	<b>\$ 4,104.04</b>	<b>\$ 201,149.14</b>

#### 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	\$ 876.30	\$ 620.66	\$ 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	\$ 205.93	\$ 145.86	\$ 10,091.05
<b>TOTALS</b>		<b>\$ 52,733.84</b>	<b>\$ 1,082.23</b>	<b>\$ 766.52</b>	<b>\$ 50,885.09</b>