

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, _____ (Due July 15th)
- July 1 – September 30, _____ (Due October 15th)
- October 1 – December 31, 2020 (Due January 15th)

Project Title: He'eia Fishpond Mangrove Removal Project

Project Start/Completion Date: 3/14/2017- 9/13/2019

Estimated % of Project Completed: 90%

Estimated % of Grant Funds Previously Requested: %

Quarterly Status Report Number: QSR 12

Name, telephone number, and e-mail of person to be contacted for questions regarding this report:

Maya Walton, 808-956-6992, waltonm@hawaii.edu

Or for budget related question please contact:

Dana Tamashiro, 808-956-3009, danaat@hawaii.edu

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
Project PI, Co-Is, and project partners participated in bi-monthly check in meeting to report on progress and provide updates		11/16/2019

Continued water quality monitoring of the island during the invasive mangrove removal.		12/12/2019-1/15/2020
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B. GRTS Load Reductions

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

Please see the section below on our long term water quality monitoring data.

C. Narrative Progress Report

1. Personnel

Table 1. He'eia Mangrove Removal Project Team members and contact information

Name	Organization/ Affiliation	Email	Involvement
Maya Walton	Hawaii Sea Grant	waltonm@hawaii.edu	Principal Investigator
Dr. Rosie Alegado	UH Manoa Oceanography and Hawaii Sea Grant	ralegado@hawaii.edu	Co-Investigator
Katy Hintzen	Hawaii Sea Grant	hintzen@hawaii.edu	Sea Grant Project Manager
Charles Aka Beebe	UH Manoa Oceanography	cbeebe@hawaii.edu	Graduate Student
Kelii Kotubetey	Paepae o He'eia	kelii@paepaeoHe'eia.org	Fishpond Mangrove Removal Coordinator
Kapaliku Schirman	Hui Ku Maoli Ola	kapaliku@gmail.com	Contractor for Mangrove Removal and Native Plant supplier
Paula Moehlenkamp	UH Manoa Oceanography	pmoehlen@hawaii.edu	Graduate Student
Hoaka Thomas	UH Manoa Marine Biology	whthomas@hawaii.edu	Graduate Student

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.)

Due to inclement weather at the start of the project we faced delays in cutting and removing mangrove. In August of 2019 we requested a contract modification to extend the length of our contract by an additional twelve months to 09/13/2020. Our no cost extension request and contract modification was approved on 12/12/2019.

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

Our no cost extension request and contract modification was approved on 12/12/2019. We took a break and stopped work on the project from 9/13/2019 (our old end date for our contract) until 12/12/2019 when the NCE was officially approved.

Hand removal of invasive vegetation in care-takers road area

On 8/29/2019 we informed Mike Burke of the DOH CWB that our project team has decided to clean the invasive vegetation in the care-takers road area by hand. We had originally planned to clear this area of invasive vegetation with a chipper and lay down gravel and geo-textile cloth to help improve overall water quality in the fishpond. After spending more time in this area our project partners at Paepae o Heeia did not think that a chipper, gravel, and geo-textile cloth would suit their needs. They would, however, like to remove the invasive vegetation by hand from this area to continue to remove tall plants which block the wind and decrease movement and circulation of the water in the fishpond (conditions that lead to poor water quality). We received confirmation via email from Mike Burke on 8/30/2019 to move forward with using the money we originally planned to spend on chipper rental, gravel, and geotextile cloth (\$13,040) to pay for hand removal by mangrove and invasive vegetation technicians at Paepae o Heeia.

Since this work was folded into monies categorized under "professional services" that we planned to complete in partnership with Paepae o Heeia in our larger overall budget we did not need a formal re-budget because we will not be moving monies across budget categories.

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

Now that the no cost extension is approved and we will move forward with the remaining work.

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	\$35,757.34	\$23,998.91	\$2,421.51	\$9,336.92
B.	Travel	\$0	\$0.00	\$0.00	\$0.00
C.	Operating Expenses	\$0	\$0.00	\$0.00	\$0.00
D.	Equipment	\$0	\$0.00	\$0.00	\$0.00
E.	Professional Services	\$120,508.78	\$107,555.30	\$0.00	\$12,953.45
F.	Construction Materials and Supplies	\$7,100.00	\$8,547.36	\$0.00	-\$1,447.36
G.	Other Misc. Expenses	\$26,138.58	\$29,040.56	\$532.75	-\$3,434.73
TOTALS		\$189,504.70	\$169,143.20	\$2,954.26	\$17,407.28

In-Kind Contributions (Matching Funds)

No.	Description	Original Contribution Amounts	Contribution Amounts from Preceding QSR	Contributions during this Quarterly Reporting Period	Current Contribution Amount
A	Personnel Services	\$36,820.69	\$41,949.00	\$0	-\$5,128.31
B.	Travel	\$0	\$0	\$0	\$0.00
C.	Operating Expenses	\$0	\$0	\$0	\$0.00
D.	Equipment	\$1,500	\$0	\$0	\$1,500.00
E.	Professional Services	\$9,200	\$5,750	\$0	\$3,450
F.	Construction Materials and Supplies	\$0	\$0	\$0	\$0.00
G.	Other Misc. Expenses	\$0	\$0	\$0	\$0.00
TOTALS		\$47,520.69	\$47,699.00	\$0	-\$178.31