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8/1/16

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**):

<input type="checkbox"/>	January 1 – March 31, 2016	(Due April 15 th)
<input checked="" type="checkbox"/>	April 1- June 30, 2016	(Due July 15 th)
<input type="checkbox"/>	July 1 – September 30, 2016	(Due October 15 th)
<input type="checkbox"/>	October 1 – December 31, 2016	(Due January 15 th)

Project Title: Heeia Stream Riparian Restoration Phase III____

Project Start/Completion Date: June 2013 – Oct 2017

Estimated % of Project Completed: 66%

Estimated % of Grant Funds Previously Requested: 30%

Quarterly Status Report Number:9

Name, telephone number, and e-mail of person to be contacted for questions regarding this report:
Kristen Nalani Mailheu, Executive Director, 808-381-7202, nalani@huihawaii.org

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
Vegetation removal and replanting	On-going	On-going
Monitoring	On-going	On-going

B. GRTS Load Reductions

	Estimated Load Reduction
Nitrogen (lbs/yr)	
Phosphorus (lbs/yr)	
Sediment (tons/yr)	

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.)

Upper He'eia: The rain gardens are completed with monitoring on-going from HPU.

Lower He'eia: Invasive species removal is nearly completed, with on-going maintenance to remove re-growth. HOK is now focusing on the re-vegetation of the site with volunteers, identifying the normal high tide mark for ideal zones of native species out-planting and delineating trails through the site.

Water quality monitoring: HPU continues to conduct regular sampling.

3. Description of any significant findings, results, or conclusions. If none, please indicate so.
Please see attached report from HPU
4. Based on the Scope of Services, a description of tasks expected to be completed in the next reporting period.

Makai Section:

- Delineate trails and planting beds through site
- Continue planting with volunteers
- Water quality monitoring

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	\$268,008.96	\$245,396.02	\$259.20	\$22,353.74
B.	Operating Expenses	\$23,885.00	\$22,438.66	\$88.84	\$1,357.50
C.	Materials & Supplies	\$131,012.00	\$119,301.81	\$0.00	\$11,710.19
D.	Monitoring	\$0.00	0.00	0.00	\$0.00
E.	Professional Services	\$71,380.00	\$88,570.91	\$3265.83	\$19,527.26
F.	Grant Administration	\$71,291.19	\$51,666.04	\$542.08	\$19,083.07
TOTALS		\$565,577.15	\$527,373.44	\$4,155.95	\$74,031.76

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	\$115,450.08	\$8,440.00	\$14,820	\$92,190.08
B.	Operating Expenses	\$11,916.00	\$3,262.78	\$0.00	\$8,653.22
C.	Equipment	\$18,000.00	0.00	0.00	\$18,000.00
D.	Monitoring	\$0.00	\$4,980.00	0.00	(\$4,980.00)
E.	Professional Services	\$0.00	0.00	0.00	\$0.00
F.	Grant Administration	\$34,086.00	0.00	0.00	\$34,086.00
TOTALS		\$179,452.08	\$16,682.78	\$14,820.00	\$162,428.08



He'eia Phase III Monitoring
Quarterly Report for the Period April 1, 2016 – June 30, 2016
Submitted by: Susan Carstenn
Submitted on: July 4, 2016

Accomplishments this Quarter

- HPU equipment, graduate students and volunteers facilitated water quality monitoring at all sampling locations below the USGS gauging station.
- Standard water quality (DO, pH, turbidity, conductivity, salinity) monitoring was conducted each month.
- Supplementary water quality analyses (TN, TP, nitrate, nitrite and ammonium) and total suspended solids were conducted in July.
- HPU lab and office space continues to be used to store equipment, prepare for sampling and process samples.
- Laura Marin Samper, an HPU graduate student, is overseeing He'eia monitoring. Several undergraduates, Elizabeth West and Lucas Wegehaupt are assisting. Katie Peterson and Carmela Antonellis, are away for the summer.
- Phase III quarterly photo point vegetation monitoring was conducted.
- New/larger/longer erosion pins (6 ft fence posts) were installed in the Papahana Kualoa rain gardens to address whether sediment was accreting or the pins were sinking. Erosion pins in all rain gardens have been monitored bi-monthly.
- The additional length of hose needed for installing the autosampler arrived in June. Final installation will occur in August when the landowner returns from vacation. HPU is not allowed within the gated community unless the landowner is on property.
- Erosion/deposition pipes in the stream mouth were monitored.

Problems or Concerns this Quarter

- Access to a sampling location located above the Kakoo o iwi marsh was interrupted in May, the code on the gate lock was changed. HPU has contacted Kanekoa Schultz to determine if the site can still be accessed.
- HPU has not been informed about access for monitoring erosion scar treatment. HPU will contact Matt Shirman to determine if there is access to this site. HPU is concerned about the site safety; this will be discussed with Matt and HOK in the coming quarter.

Solutions and Action Items for next Quarter

- All water quality, erosion and vegetation photopoint monitoring will continue.

Time Allotted

- Laura Marin Samper and Lucas Wegehaupt volunteered a total of approximately 30 hours.