



PO Box 209, Kunia, Hawaii 96759 ♦ 808-622-9026 ♦ www.oahurcd.org

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July 10, 2015

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Dear Mr. Wong,

Frederick Lau

Enclosed please find the quarterly status report for O'ahu Resource Conservation & Development Council's project entitled "Ka'alaea and Waiahole Stream Restoration through Producer Implementation of Best Management Practices." This report covers activities completed between April 1, 2015 and June 30, 2015.

**INTERIM
EXECUTIVE
DIRECTOR**

Jean Brokish

The O'ahu RC&D appreciates the opportunity to work with the Department of Health and our partners to improve water quality in the Ka'alaea and Waiahole Watersheds.

If you have any questions or concerns, please don't hesitate to call.

Sincerely,

Jean Brokish
Interim Executive Director

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, ____	(Due April 15 th)
<input checked="" type="checkbox"/>	April 1 - June 30, <u>2015</u>	(Due July 15 th)
<input type="checkbox"/>	July 1 - September 30, ____	(Due October 15 th)
<input type="checkbox"/>	October 1 - December 31, ____	(Due January 15 th)

Project Title: Ka‘alahea and Waiahole Stream Restoration through Producer
Implementation of Best Management Practices

Project Start/Completion Date: September 19, 2014 / September 18, 2017

Estimated % of Project Completed: 8 %

Estimated % of Grant Funds Previously Requested: 7 %

Quarterly Status Report Number: 3

Name, telephone number, and e-mail of person to be contacted for questions regarding this report:
Jean Brokish 808-622-9026 jean.brokish@oahurcd.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)**

See attached list of tasks and deliverables completed to date.

b) **GRTS Load Reductions -**

	Estimated Load Reduction
Nitrogen (lbs / yr)	None at this time.
Phosphorus (lbs / yr)	
Sediment (tons / yr)	

c) **Narrative Progress Report**

Conservation Practice Implementation –

Site visits continue on farms in the project area to identify conservation practice needs and promote the cost-share opportunity. Three site visits were conducted this quarter.

Staff were made aware of a medium-sized piggery that may benefit from cost-share assistance. We are currently trying to set up a site visit to assess needs and opportunities; and are establishing networks with individuals familiar with / operating deep litter systems.

There seems to be interest among residents in the watershed for the development of biodigester systems that will utilize manure and green waste materials. We intend to offer this as a cost-share item.

We have developed the application form for individuals wishing to receive cost-share. *A blank form is attached.*

We have begun work on the monitoring plan, and had hoped to submit this to DOH before the end of the quarter. A draft will be submitted soon.

Conservation Plan Development and Review –

We received a list of cooperators and conservation plans from the Windward SWCD. According to these files, just 14 individuals have signed up as a cooperator with the District. Of these 14 cooperators, five of them farm parcels that are located mostly outside of the project area (ie. only a small portion of the TMK is located within the project boundary). This leaves many opportunities to develop conservation plans, subject to voluntary cooperation among residents.

Also according to the SWCD files, just four conservation plans have been developed for farms in the area. We are initiating contact with these farms to assess BMP implementation rates.

A template monitoring form has been developed in order to facilitate the review of conservation practice implementation. *See attached.*

Community Outreach –

We have confirmed August 19 for the first workshop featuring an overview of watershed health and BMPs. It will be held at the farm of Paul and Charlie Reppun.

Staff presented project information at the June 9th meeting of the Waiahole-Waikane Community Association. There was a lot of interest among attendees.

- 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.)

Progress to date has been slow. It has proven difficult to make connections with residents in the watershed, and we have found that people expressing interest in new conservation plans and cost-share fall outside of the project area boundary. (Two conservation plans have been recently completed for farms located in the neighboring watershed.)

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

None at this time.

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

Conduct site visits to assess BMP implementation rates.

Draft and submit the monitoring plan.

Accept applications for cost-share.

Draft first press release.

Establish pre-project photo-points on participating farms.

Establish the BMP investment fund.

Complete	Task / Deliverable	Timeline	Due Date	Status / Date Task Completed / Deliverable Submitted
Note: Items in bold are newly completed.				
x	Begin contacting all fifty-six (56) farmers located in the Ka'alaea and Waiahole Watersheds to conduct site visits.	NTP		initial visits have begun
x	Begin developing the draft monitoring plan.	NTP		early work on draft plan is complete
x	Submit a list of name and credentials of personnel hired.	QSR No 1	DEC 14	Hired Bryan Buckingham as conservation specialist to work on project. Shelby Ishida will assist.
	Begin submitting conservation plan and Operation and Maintenance (O&M) adoption findings.	NTP +1	OCT 14	developed a monitoring form to assist with process.
	Draft and release the first of two press releases	NTP +1	OCT 14	no progress to date.
x	Establish pre-project photo-points	NTP +3	DEC 14	photos are taken during all farm visits
	Submit the draft monitoring plan	NTP +3	DEC 14	to be submitted in July.
	Establish the BMP investment funds	NTP +3	DEC 14	no progress to date.
	Submit the final monitoring plan	NTP +5	FEB 15	
x	Begin photo-point monitoring	NTP +5	FEB 15	photos are taken during all farm visits
	Begin sediment monitoring	NTP +5	FEB 15	
	Begin nutrient monitoring	NTP +5	FEB 15	
	Begin submitting lists of participating farms with newly developed or updated conservation plans	NTP +5	FEB 15	
	Begin submitting lists of farms with new conservation plans that have been approved.	NTP +5	FEB 15	
	Begin submitting lists of planned BMPs	NTP +6	MAR 15	
	Begin executing O&M agreements with farmers.	NTP +7	APR 15	
	Sponsor the first of two field days in the Ka'alaea Watershed.	NTP +9	JUN 15	
	Begin funding and / or installing BMPs on farms	NTP +10	JUL 15	application form is complete
	Begin submitting summaries of installed BMPs	NTP +10	JUL 15	
	Sponsor the first of two field days in the Waiahole Watershed.	NTP +15	DEC 15	first field day is scheduled for August 19 to feature basic watershed concepts and BMPs.
	Sponsor the second of two field days in the Ka'alaea Watershed.	NTP +21	JUN 16	
	Sponsor the second of two field days in the Waiahole Watershed.	NTP +24	SEP 16	
	Complete photo-point monitoring	NTP +34	JUL 17	

Complete	Task / Deliverable	Timeline	Due Date	Status / Date Task Completed / Deliverable Submitted
Note: Items in bold are newly completed.				
	Complete sediment monitoring	NTP +34	JUL 17	
	Complete nutrient monitoring	NTP +34	JUL 17	
	Submit the draft final report.	NTP +34	JUL 17	
	Draft and release the second of two press releases	NTP +35	AUG 17	
	Submit the final report.	NTP +36	SEP 17	

Quarterly Status Reporting Form**ASO LOG NO. 15-027****4/1/15-6/30/15**

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	\$181,785.60	\$179,247.40	\$12,514.28	\$166,733.11
B.	Travel	\$4,355.37	\$4,333.52	\$91.43	\$4,242.10
C.	Operating Expenses	\$4,500.00	\$4,184.20	\$235.69	\$3,948.51
D.	Equipment	\$0.00	\$0.00	\$0.00	\$0.00
E.	Professional Services	\$11,400.00	\$9,528.50	\$1,349.00	\$8,179.50
F.	Construction Materials and Supplies	\$0.00	\$0.00	\$0.00	\$0.00
G.	Other Misc. Expenses	\$96,750.00	\$96,300.00	\$369.00	\$95,931.00
	TOTAL	\$298,790.97	\$293,593.62	\$14,559.40	\$279,034.22

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	\$47,918.40	\$47,283.80	\$1,651.72	\$45,632.09
B.	Travel	\$0.00	\$0.00	\$0.00	\$0.00
C.	Operating Expenses	\$0.00	\$0.00	\$0.00	\$0.00
D.	Equipment	\$0.00	\$0.00	\$0.00	\$0.00
E.	Professional Services	\$1,000.00	\$655.25	\$248.50	\$406.75
F.	Construction Materials and Supplies	\$0.00	\$0.00	\$0.00	\$0.00
G.	Other Misc. Expenses	\$26,600.00	\$26,600.00	\$0.00	\$26,600.00
	TOTAL	\$75,518.40	\$74,539.05	\$1,900.22	\$72,638.84



O'ahu Resource Conservation & Development Council

PO Box 209, 92-1770 Kunia Road, Kunia, HI 96759 ♦ (808) 622-9026 ♦ www.oahured.org

Ka'alaëa – Waiāhole Watershed Protection Project

Request for Applications

The O'ahu Resource Conservation and Development Council (O'ahu RC&D) is now accepting applications from landowners, land managers and operators within the Ka'alaëa and Waiāhole Watersheds for the implementation of conservation practices that address soil erosion and related resource concerns. Funding comes from the Department of Health – Clean Water Branch through a grant from the U.S. Environmental Protection Agency. O'ahu RC&D administers the project, with partner support from the Windward O'ahu Soil and Water Conservation District.

The program is intended to fund conservation practices that reduce soil erosion and protect water quality in Kāne'ōhe Bay. The following are examples of practices eligible for funding:

- Cover Crops
- Vegetative Barriers – e.g. vetiver grass
- Composting facilities
- Mulch
- Grassed Waterways
- Repair / Renovations to Access Roads
- Windbreaks
- Other practices that positively impact water quality will be considered, and may be selected if funds are available and there is a demonstrated water quality benefit.

Eligible expenses include seed, site prep, fertilizer and irrigation necessary to establish vegetation, equipment (rental only), and related labor.

Each award requires a match for at least one third of the total project cost (e.g. if project costs \$10,000, at least \$3,333 of local contribution – cash, labor, equipment, etc. - is required). Preference will be given to applications offering a higher matching contribution.

**First round applications will be due on
September 4, 2015**

For additional information, contact:

Shelby Ishida, Project Assistant

Phone: (808) 622-9026

Email: Shelby.Ishida@oahured.org

Application for the Ka‘alaëa – Waiāhole Watersheds Project

All information is required.

Name:	Farm / Business Name:
Mailing Address:	Property Address:
Telephone: Cell Phone:	Email:
Location (Legal Description or TMK Number):	

THIS APPLICATION IS FOR AN (check one):

- ☐ Individual
- ☐ Entity (Corporation, Limited Partnership, Trust, Estate, etc.). Please enter entity's name and tax identification number:
Name: _____ Federal Tax Number: _____
- ☐ Joint Operation (General Partnership, Joint Venture). Please enter operation's name and tax identification number:
Name: _____ Federal Tax Number: _____

Be prepared to show documentation that allows you to sign or commit on behalf of the entity/operation.

OWNERSHIP OF THE LAND IS HELD BY:

- ☐ Myself
- ☐ State Government: DOA ☐ DLNR ☐ DHHL ☐
- ☐ Other: _____

PROOF THAT I CONTROL THE LAND:

- ☐ Deed or other evidence of land ownership
- ☐ Written lease agreement through _____ (year)
- ☐ Other agreement or legal conveyance through _____ (year)

Be prepared to show a copy of the agreement proving control of the land.

This Project has been jointly funded by the U.S. Environmental Protection Agency (EPA) under Section 319(h) of the Clean Water Act, and the Hawaii State Department of Health, Clean Water Branch. Although the information in this document has been funded wholly or in part by a Federal Grant to the Hawaii State Department of Health, it may not necessarily reflect the views of the EPA and the Hawaii State Department of Health and no official endorsement should be inferred.

LAND INFORMATION:

Give a clear and concise description of your operation, including acres, physical features (e.g. stream, gulch, forest, etc), and crop type (if applicable).

RESOURCE CONCERNS:

Describe any resource concerns that are present on your property (*e.g. areas of erosion, flooding, poor soil quality, etc.*).

CONSERVATION PRACTICE INFORMATION:

Are you signed up as a Cooperator with the Windward Oahu Soil and Water Conservation District?

Yes ☐ No ☐

Do you have a Conservation Plan?

Yes ☐ No ☐

List any conservation practices you have implemented on your farm in the past twelve months. Include acreage / size, and other details, as available.

Example: Planted 14 acres of sunn hemp as a cover crop.

PROPOSED CONSERVATION PRACTICES AND BUDGET:

What conservation practices would you like to implement under this Watershed Protection Project? Please include only those practices that can feasibly be accomplished by January 2017. Provide details on acreage and location, if applicable.

Please provide a cost estimate for each proposed conservation practice. Indicate what portion of costs are being requested from grant funds and what portion will be provided as match.

Example: Cover crop seed = \$120 (Grant request = \$60 / Match = \$60)

Item	Estimated Cost	Requested Grant Funds	Matching contribution
<i>Ex: vetiver planting, 2500 linear ft.</i>	<i>\$7,500</i>	<i>\$3,500</i>	<i>\$4,000</i>
TOTAL			

TIMELINE:

Indicate each step of your project and a timeline when you expect to complete that step.

Example: Prepare site and plant cover crops; September 2015

PERMITS:

What permits, if any, would you need to complete your project?

WATER QUALITY IMPROVEMENTS:

Please comment on how the proposed activities contribute to water quality improvements. If possible, also indicate how these activities contribute to improved health of the Ka‘alaia and Waiāhole Watersheds.

DEMONSTRATION PROJECTS:

Are you willing to host a field day, conservation tour or other informational event for the public?

Yes ☐ No ☐

ACKNOWLEDGEMENT:

I agree to participate in the Ka‘alaia and Waiāhole Watersheds Protection Project if my application for financial assistance is accepted by the O‘ahu Resource Conservation & Development Council. I will allow access to my farm, to complete a Conservation Plan, and determine appropriate conservation practices. I understand that work completed before receiving a signed contract from O‘ahu RC&D may not be eligible for reimbursement.

By submitting this application, you confirm that you have read and agree to the terms, listed above, and that we may contact you by telephone, email, or other means.

Signature: _____ Date: _____
Print Name: _____
Title: _____

Return application to:

O‘ahu RC&D
Attn: Shelby Ishida
PO Box 209
92-1770 Kunia Road
Kunia, HI 96759

Email: Shelby.Ishida@oahurcd.org



PO Box 209, KUNIA, HAWAII 96759 ♦ 808-622-9026 ♦ WWW.OAHURCD.ORG

Conservation Practice Implementation Report

for

Location:

Date:

Date of conservation plan:

Individuals Present (w/affiliation)

Purpose of Monitoring Visit

Operation Objectives: (describe farm operation and operator objectives as they relate to conservation planning)

Discussion Highlights: (provide context for discussion and key findings, and indicate follow-up or additional information needs)

Continue next page for assessment of individual conservation practices...

Assessment of Conservation Practice Implementation

- Attach photo documentation, maps, and other supporting information.

Practice Name:	
Implementation Status	Comments (e.g. maintenance needs, reason for lack of implementation)
<input type="checkbox"/> Implemented. <i>Please indicate current condition:</i> <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	
<input type="checkbox"/> Not fully implemented <i>Indicate level of implementation:</i> <input type="checkbox"/> None <input type="checkbox"/> Partial	

Practice Name:	
Implementation Status	Comments (e.g. maintenance needs, reason for lack of implementation)
<input type="checkbox"/> Implemented. <i>Please indicate current condition:</i> <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	
<input type="checkbox"/> Not fully implemented <i>Indicate level of implementation:</i> <input type="checkbox"/> None <input type="checkbox"/> Partial	

Practice Name:	
Implementation Status	Comments (e.g. maintenance needs, reason for lack of implementation)
<input type="checkbox"/> Implemented. <i>Please indicate current condition:</i> <input type="checkbox"/> Good <input type="checkbox"/> Fair <input type="checkbox"/> Poor	
<input type="checkbox"/> Not fully implemented <i>Indicate level of implementation:</i> <input type="checkbox"/> None <input type="checkbox"/> Partial	

Duplicate page as needed.