

Hawaii State 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 <sup>th</sup> )   |
| <input checked="" type="checkbox"/> April 1- June 30, 2015 | (Due July 15 <sup>th</sup> )    |
| <input type="checkbox"/> July 1 – September 30             | (Due October 15 <sup>th</sup> ) |
| <input type="checkbox"/> October 1 – December 31           | (Due January 15 <sup>th</sup> ) |

Project Title: *West Maui Agricultural Erosion Control (ASO Log 14-143)*

Project Start/Completion Date: *July 2014 – July 2016*

Estimated % of Project Completed: 22%

Estimated % of Grant Funds Previously Requested: 19%

Quarterly Status Report Number: 4

Name, telephone number, and e-mail of person to be contacted for questions regarding this report:  
*Kristin Duin, 808-778-7364, kduin@srgii.com*

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

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

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

**Project Timeline**

Activity	Date Planned	Date Completed
Personnel	1 <sup>st</sup> QSR	10/15/14
Inventory and Assessment Report		
Permits, Approvals, and Other Requirements		12/31/14
Inventory of Installation Locations		12/31/14
Load Generation and Reduction Estimates		12/31/14
Submit Draft Inventory and Assessment Report		3/3/15
Submit Draft O&M Plan	8/28/15	

Activity	Date Planned	Date Completed
Meet with the State to discuss the Draft Inventory and Assessment Report		4/7/15
Submit Final Inventory and Assessment Report	Rev: 5/30/15	7/15/15
Submit Final O&M Plan	9/28/15	
Submit Draft Monitoring Plan	7/31/15	
Host the first of two (2) Public Stakeholder Meetings	--	Ongoing*
Draft and release the first of two (2) press releases	9/1/15	
Begin installation of agricultural management practices	9/1/15	
Submit TMK numbers for all agricultural management practices		4/10/15
Submit photographs and detailed information for a representative subset of agricultural management practices	9/30/15	
Submit the Final Monitoring Plan	8/29/15	
Begin monitoring (photo point and sediment)	9/1/15	
Submit updates to the final O&M Plan (if any)	3/1/16	
Draft and release the second of two (2) press releases	5/1/16	
Submit the draft Final Report	5/1/16	
Host the second of two (2) Public Stakeholder Meetings	--	Ongoing*
Submit the Final Report	7/1/16	
Compile and submit all monitoring and survey data (Contract Termination)	7/1/16	

\* Per agreement with DOH, meetings with stakeholders are being considered public meetings.

## B. GRTS Load Reductions

Load reductions based on relative load reductions for the various management measures to be installed were included in the Draft Inventory Assessment report. The estimates are a best estimate and are provisional. Data collected at monitoring reference sites post installation will be used to quantify loads reductions and extrapolated to estimate for non-reference sites. The values will be provided in the Monitoring and Final project reports. The level of treatment applied for the roads and fields identified as priority treatment sites will be a function of what the budget can support, and this information is still being compiled. Details will be included in subsequent QSRs.

	Estimated Load Reduction
Nitrogen (lbs/yr)	2822
Phosphorus (lbs/yr)	333
Sediment (tons/yr)	3358

## C. Narrative Progress Report

### Personnel

Interviews have been conducted with three general contractors to discuss scope of work and scheduling for installation of practices on the roads and fields. SRGII is finalizing selection of a general contractor and has refined scope of work based on cost estimates recently received for materials and supplies, and estimates received for labor to install from the interviewees. SRGII will oversee all installations, and review plans and specifications with the selected Construction Contractor Quality Control Officer.

## **Inventory and Assessment (I&A) Report**

*Inventory of Installation Locations:* SRGII submitted the Draft I&A Report to DOH on March 3, 2015 and met with DOH and EPA on April 7, 2015 to discuss comments. Subsequent to the meeting SRGII revised the Draft I&A Report. A Final DI&A Report accompanies this progress report.

*Operations and Maintenance Plan:* Operations and Maintenance (O&M) plans will be developed upon completion of Phase 2 site layout and installation. Site layout tasks will include identifying in the field and on maps the specific locations for installation and the material and quantities to be installed. O&M plans will be customized based on what is to be installed on each land owners parcels.

## **Installation of Agricultural Management Practices**

Installation of management practices will begin during the next reporting period. SRGII has completed most of the materials and supplies estimates and has begun ordering. To make the installation funds go further SRGII has been in discussion with one of the three interviewed construction contractors who is presently working on earthwork projects in West Maui. They are amenable to waving mobilization fees for heavy equipment if the installation can begin following completion of their existing work. A target date to begin installation is September 1, 2015. SRGII will be meeting the contractor to further discuss logistical aspects of the road and field installations with the goal of receiving a favorable bid to conduct the work and finalizing the schedule. Preliminary conversations estimated that all work can be completed in a five week span provided there is no work stoppages due to weather.

## **Education and Outreach**

Meetings with stakeholders are being considered as public meetings. SRGII is preparing project information to provide to the Watershed Coordinator for distribution and website posting.

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### **2. Description of any major issues/problems encountered and/or resolved that may affect the Contractor's ability to complete the project as required.**

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Although the project timing has slipped a little bit, SRGII does not anticipate any issues with completing the project within the contract period.

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

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Subsequent to meeting with DOH and EPA on April 7, 2015 SRGII met via phone conferences with the landowners where the project work will occur. SRGII stated that EPA and DOH requested that landowners be asked to maintain improvements to roads following installation of practices. While no formal agreements were made, several landowners indicated that roads they use will be maintained. SRGII had previously met with Department of Hawaiian Home Lands to discuss their solicitation of maintenance commitments from easement holders on roads that are located on DHHL lands. Beneficiaries of the project funds are appreciative of the support they are receiving to improve land conditions and minimize erosion, and remain committed to ensuring that the benefits of the project are long-lasting.

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

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**Personnel**

SRGII expects to identify and secure services of local personnel to assist with this project. SRGII will secure a construction contractor.

**Inventory and Assessment Report**

SRGII has completed the Final I&A Report.

**O&M Plan**

Based on project activities, it makes the most sense to provide O&M Plans to each landowner after completion of site layout and preparation of detailed road improvement plans.

**Installation**

SRGII will be meeting on Maui with the landowners during the week of July 27 to sign all rights of entry for site layout work. ROE for construction contractors will be processed upon selection of contractor. Landowners will require indemnification forms and proof of insurance prior to issuing ROE to construction contractors. SRGII will facilitate the process. SRGII will complete layout of practices in the field prior to start of installation of practices. Installation of practices is expected to start no later than 9/1/15.

**Monitoring Plan**

A Draft Monitoring Plan will be submitted for review.

**Education and Outreach**

A press release will be submitted to local outlets. Information about the project will be provided to the Watershed Coordinator for sharing on the West Maui R2R website.