

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

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

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

Estimated % of Project Completed: 27%

Estimated % of Grant Funds Previously Requested: 21%

Quarterly Status Report Number: 5

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:

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)

Project Timeline

Activity	Date Planned	Date Completed
Personnel	1 st 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	Rev: 11/30/15	

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	Rev: 12/31/15	
Submit Draft Monitoring Plan	7/31/15	7/31/15
Host the first of two (2) Public Stakeholder Meetings	--	Ongoing*
Draft and release the first of two (2) press releases	11/1/15	
Begin installation of agricultural management practices	9/1/15	Ongoing
Submit TMK numbers for all agricultural management practices		4/10/15
Submit photographs and detailed information for a representative subset of agricultural management practices	11/30/15	
Submit the Final Monitoring Plan	8/29/15	10/15/15
Begin monitoring (photo point and sediment)	9/1/15	Ongoing
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 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

Inventory and Assessment (I&A) Report

Inventory of Installation Locations: SRGII submitted the Final I&A Report to DOH on July 16, 2015. Comments from DOH have not been received and thus SRGII assumes the I&A report was acceptable.

Operations and Maintenance Plan: Operations and Maintenance (O&M) plan 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 owner's parcels.

Installation of Agricultural Management Practices

Interviews have been ongoing with two general contractors to discuss scope of work, cost estimates for materials, supplies and labor, and to firm up scheduling for installation of practices on the roads and fields. SRGII is working to get formal cost estimates for installation of management measures from two contractors before entering into formal contract with at least one. SRGII will oversee all installations, and review plans and specifications with the selected Construction Contractor Quality Control Officer.

Installation of management practices has been delayed due to issues with securing a construction contractor to execute the installations. SRGII has completed most of the materials and supplies estimates and has begun ordering. A target date to begin installation was September 1, 2015. However, SRGII has not been able to secure final cost estimates from contractors and thus no installation has been initiated. Installation will begin as soon as SRGII and a selected contractor enter into contract. Based on conversations with potential contractors, it is estimated that all work can be completed in a five week span provided there are no work stoppages due to weather.

Monitoring Plan

A Draft Monitoring Plan was submitted for review on July 31, 2015. As no comments have been received, SRGII has finalized the Monitoring Plan and is submitting with this progress report.

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.

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

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

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

SRGII has been working to secure the services of a construction contractor to implement the management measures. This effort has been ongoing and while progress has been made, no contract(s) have been signed. At present contractors are performing other projects throughout Maui and have not had time to commit to this project. One contractor suggested they work in phases on the project. However this is not desirable as the contractor would need to mobilize equipment repeatedly to the project area, resulting in repeated costs that would dilute funds applied to actual installation of management measures. In addition, cost estimates for materials, supplies, and labor received by SRGII from three contractors are all higher than cost estimates in the 2013 proposal SRGII submitted to DOH-CWB. SRGII has been negotiating with contractors so that we can meet our contractual requirements for the length of roads and area of fields to treat. The cost differences are due to normal cost escalation over the time that has passed, and because Maui is experiencing a construction surge and contractors are pricing their services to reflect the increased demand.

SRGII plans to secure the services of a contractor in the very near future and start installing the management practices. We will make every effort to meet the treatment targets for length of roads and area of fields to treat. Adjustments may be made to the amount of field area treated since the above average rainfall that west Maui has received since October of 2014 has resulted in ground cover over fields that previously were barren and exposed.

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

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 secure a construction contractor. SRGII will secure ROE for construction contractor as soon as the contractor is under contract with SRGII. Since ROEs will be issued for 60 days, they will not be secured until the notice to proceed date for installation is set. Installation is not expected to be delayed by weather once it commences as the winter season is forecasted to be dry to due to the strong El Nino.

Monitoring Plan

A Final Monitoring Plan is being submitted on October 15, 2015.

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.