

# On-Site Sewage System Management Plan Semiannual Report

Local Health Jurisdiction: San Juan County Health & Community Services

LHJ Contact: Mark Tompkins

Reporting Period: 1/1/2011 – 6/30/2011

Estimated Expenditure for Reporting Period: Grant - \$26,000; Project total (County Current/Grant) \$45,000

## 1. Summary of Work Completed by Task

Task #	Brief Task Description	Deliverables/Outcomes
1	Program Management	On-going. Staff participated in the statewide conference calls held during the review period.
2	Data Management	Our database underwent significant changes including switching software, developing on-line reporting capabilities and cleaning up records. The new database is currently being “debugged” with a goal to make on-line reporting available in early August. Staff continue working on linking the known residential parcels with the known septic systems to more accurately identify the number of “unknown” systems. The new software along with updates to our GIS capabilities should allow a comparison of all known septic systems to developed properties by the end of the year.
3	Notification & Tracking of Inspections	<p>Post card notifications were mailed to over 4000 property owners with known septic systems that did not have current inspection reports on file. Follow-up notices were sent to providers of proprietary devices that did not have current inspection reports. Enforcement notices were sent to property owners within sensitive areas that did not have a current inspection report on file. These actions have resulted in 720 inspection reports received during the reporting period.</p> <p>Staff continue to review inspection reports to insure complete and accurate information. Copies of incomplete reports are sent back to the inspector for follow-up. In addition, letters to property owners and providers are sent as necessary. Finally, we continue to identify numerous unknown systems. During this period, 36 unknown systems were identified and entered into our database.</p>
4	Public Education	Staff conducted 13 homeowner trainings during the period. Classes were held on three islands (Lopez, Orcas & San Juan). The class includes demonstrations of measuring scum & sludge in septic tanks, inspecting float trees, inspecting and cleaning filters, and checking the drainfield for ponding and/or surfacing sewage. In addition, staff developed and held specific gravity distribution workshops. Over 265 homeowners were trained. The workshops continue to be well received with most participants rating the class as very good or excellent.
5	O&M Professional’s Certification Program	Staff scheduled and held work sessions with the certified Waste Water Inspectors in March. Items discussed included: QA/QC inspection issues, what constitutes a complete inspection, & suggested improvements for the program. Staff completed 7 QA/QC inspections during the review period; 5 with certified Waste Water Inspectors and 2 with trained homeowners.
6	Yearly Program Review	The O&M Committee met in May to review the program. The annual report is attached. The report will be presented to the Board of Health in July 2011.

# On-Site Sewage System Management Plan Semiannual Report

## 2. OSS Data Inventory for this reporting period

	Total Number of Known OSS	Number of OSS with Current Inspection	Number of OSS with inspection in the last 5 years
MRA Specific:	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
SA Specific:	<u>184</u>	<u>58</u>	<u>97</u>
Countywide:	<u>7608</u>	<u>1638</u>	<u>2621</u>

## 3. Enforcement for this reporting period

	Total Failures Found this reporting period	Failures Repaired this reporting period	Unresolved Failures this reporting period	Comments (Why are failures unresolved)
MRA Specific:	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>	<u>N/A</u>
SA Specific:	<u>0</u>	<u>1</u>	<u>1*</u>	<u>Time, resources &amp; the weather are the main reasons.</u>
Countywide:	<u>28</u>	<u>18</u>	<u>32*</u>	<u>Time, resources &amp; the weather are the main reasons.</u>

\*- Includes older repair designs that have not been installed

## 4. Education during this reporting period

Number of public who attended class room workshops: 265

Number of industry who attended class room workshops: 15

Number of public who took on-line training: N/A

Barriers to Plan Implementation: Resources – Both funding and staff

Challenges or Comments about Issues this Quarter: N/A

List of Attachments included with email: O&M Implementation Annual Report – June 2011

### Instructions

Reporting Period: Quarterly Reports are due on the 15<sup>th</sup> day of the month after the quarter ends<sup>1</sup>. DOH staff understands that the estimated expenditure for the reporting period is a rough estimate and will not match the invoice.

#### Table 1: Summary of Work Completed by Task

Please summarize what work has been done, if any, towards meeting the deliverables/outcomes for each task in your statement of work.

#### Table 2: OSS Data Inventory

If your database is not able to differentiate between MRA and non-MRA or Sensitive Area OSS systems, please add an explanation to the Challenges or Comments section.

Known means your database can identify:

<sup>1</sup> Report Due Dates: June 15, 2011; January 13, 2012; and June 15, 2012; January 15, 2013, and June 14, 2013

## On-Site Sewage System Management Plan Semiannual Report

- if the system is gravity or advanced,
- a permit is on file, OR
- a record drawing is on file, OR
- a site visit from an LHJ staff or industry professional has documented an OSS is on site.

### Table 3: Enforcement

In this table, please list ALL failures found, including those found during O&M inspection. The number of Unresolved Failures should reflect ALL known unresolved failures.

### Definitions

**Failure:** A condition of an on-site sewage system or component that threatens the public health by inadequately treating sewage or by creating a potential for direct or indirect contact between sewage and the public. Examples of failure include: (a) Sewage on the surface of the ground; (b) Sewage backing up into a structure caused by slow soil absorption of septic tank effluent; (c) Sewage leaking from a sewage tank or collection system; (d) Cesspools or seepage pits where evidence of ground water or surface water quality degradation exists; (e) Inadequately treated effluent contaminating ground water or surface water; or (f) Noncompliance with standards stipulated on the permit.