

On-Site Sewage System Management Plan Semiannual Report

Local Health Jurisdiction: San Juan County Health & Community Services

LHJ Contact: Mark Tompkins

Reporting Period: 7/1/2010 – 12/31/2010

Estimated Expenditure for Reporting Period: \$14,500 - Estimated Grant Expenditures Only
(Total Project Costs for reporting period are estimated at \$43,000)

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	Work continues on providing access for online reporting. We are hoping to have online reporting available for certified contractors in early 2011.
3	Notification & Tracking of Inspections	Post card notifications were mailed to 2992 property owners with sand filter, pressure distribution and mound systems that did not have current inspection reports on file. Notices were also sent to providers of aerobic and Advantex units that did not have current inspection reports. Inspection reports continue to be reviewed to insure complete and accurate information. This includes sending out follow-up letters to property owners and providers as necessary. Finally, building permits with existing septic systems are required to have current reports on file. These actions have result in 733 inspection reports received during the reporting period. Finally, we continue to identify numerous unknown systems. During this period 56 unknown systems were identified and entered into our database.
4	Public Education	Staff conducted 18 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. Over 338 homeowners were trained. The class has been 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 July. Items discussed included, QA/QC inspection issues, what constitutes a complete inspection, & suggested improvements for the program. Staff completed 8 QA/QC inspections during the review period. Two with certified Waste Water Inspectors and six with trained homeowners.
6	Yearly Program Review	The O&M Committee met in June to review the program. The annual report was submitted previously

2. OSS Inventory Tracking

Category	As of last date of this quarter
# of Known existing record for the property	<u>7592*</u> Countywide Total <u>191</u> SA Total <u>N/A</u> MRA Only Total

* - Known installed systems where the property is developed.

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3. O&M Report Monitoring

Number of systems in an MRA inspected at least once in last 3 years as of the last date of this reporting period: N/A – No MRA’s in San Juan County

Number of O&M reports received this reporting period: 733

Number of people who attended O&M training this reporting period: 338

4. Enforcement

	Total Failures Found this reporting period	Failures Repaired this reporting period	Unresolved Failures this reporting period	Comments (Why are failures unresolved)
Countywide:	<u>0 – O&M Reports</u> <u>18 – Repair Designs Received</u>	<u>13 – Repair designs</u>	<u>31*</u>	<u>Time, resources & the weather are the main reasons. However, all known failures are in the process of being repaired.</u>
MRA/SA Specific:	<u>0 – Repair Designs Received</u>	<u>3 – Repair design</u>	<u>2</u>	<u>Time is the main reasons. Recently permitted repair designs.</u>

* - Includes the 3 from the SA.

5. Percent of Systems in Database with Inspections Current:

	Gravity Systems this Reporting Period	Alternative Systems this Reporting Period
Countywide:	<u>13%- We will not be sending reminder notices to gravity systems until 2011</u>	<u>25%</u>
MRA/SA Specific:	<u>7% - We require annual inspections of gravity system within SA</u>	<u>24%</u>

Note: Percentages were based on total number of systems with inspection completed in 2010 that have been recorded in our database. We anticipate receiving additional inspection reports in January & February that indicate an inspection completed in 2010. Therefore, the percentages would increase.

Barriers to Plan Implementation: Resources including both staff & funding

Challenges or Comments about Issues this Quarter: None

List of Attachments included with email: None

Instructions

Reporting Period: Quarterly Reports are due on the 15th day of the month after the quarter ends¹. 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 Inventory Tracking

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.

¹ Report Due Dates: July 15, 2010; January 14, 2011; and June 15, 2011

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Table 3: O&M Report Monitoring

In this section, please report **only** on systems within an MRA. Report all systems in the MRA inspected in the last three years, even if they are out of compliance with the 1 year inspection requirement.

Table 4: 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.

Table 5: Percent of Systems in Database with Inspections Current:

RCW 70.118A requires that counties show progressive improvement in the percentage of systems that have had required inspections.

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.

Maintenance: The actions necessary to keep the on-site sewage system components functioning as designed.

Monitoring : Periodic or continuous checking of an on-site sewage system, which is performed by observations and measurements, to determine if the system is functioning as intended and if system maintenance is needed. Monitoring also includes maintaining accurate records that document monitoring activities.