

**Department of Health On-Site Management Program – Effective July 1, 2008
Quarterly Progress and Status Report for Public Health – Seattle & King County
Contract Number C14961 Performance Period December 31, 2008 to March 31,
2009**

Task 1 Geographic Information Systems (GIS) capacity enhancement-

Hardware and software upgrade necessary to support increased program capacity to utilize GIS for tracking Marine Recovery Area (MRA) activities, compliance and to prepare public information in an easily readable format.

Due Date / Time Frame - July 08-June 09

Budget - \$20,000 **Expenditure for Period** - \$_

Deliverable / Outcome 1.1 -The program will have the necessary infrastructure to manage basic onsite data in a GIS environment.

Status: Complete-Hardware and software have been installed at the work site and MIS support in place

Deliverable / Outcome 1.2 -Program will have one staff person trained and able to manage onsite data using GIS.

Status: Complete-One staff person (Jarone Baker) has received basic 3 day GIS training as well as onsite tutorial. Has basic knowledge and skills to manipulate and portray data in a GIS format

Deliverable / Outcome 1.3 -Baseline MRA onsite data will be made available in GIS with web access and data will be updated regularly as new information is available,

Status: Draft MRA parcel mapping has been prepared with color coding to show development status (vacant / improved) and availability of OSS data for each parcel. A companion data base has been developed to show the detail of OSS data available for each parcel in combination with property owner (taxpayer) name and address.

Task 2 – Education/outreach to MRA communities

- Familiarize affected communities with the environmental and public health concerns associated with failing septic, provide information about technical and financial options, gain understanding about community norms and barriers to implementing septic system repairs and work collaboratively towards solutions, and;
- Work with industry, designers, installers and O&M providers, to establish MRA specific policies and standards for evaluating, quantifying, reporting and repairing systems within the MRA.

Due Date / Time Frame - July 08-June 09

Budget - \$53,000 Expenditure for Period - \$0

Status: Work proceeding under Memorandum of Agreement developed and executed between Seattle King County Public Health and King County Department of Natural Resources and Parks / Water and Land Resources Division for completion of Task 2.

- **Deliverable / Outcome 2.1** - Strategy defined to lift shellfish restrictions.

Status: Working with MRA project implementation team and Septic Solutions subcommittee, draft correspondence, press release and website have been developed to provide MRA notice, support and background information including property compliance status information via color coded parcel mapping (**copies attached**).

Public outreach was continued with Vashon Septic Solutions subcommittee in two meetings. On 1/14/09 topics covered included:

- Review preliminary MRA outreach materials;
- Discuss community wastewater treatment options to OSS repair;
- Outline potential alternative system scenarios for OSS repair; and,
- Discuss the option to seek funding for OSS repair loan assistance similar to the Hood Canal program offered via Shore Bank.

On 2/18/09 topics covered included:

- Preview the draft MRA website;
- Review findings from the Quartermaster Harbor Community Wastewater Treatment Options study;
- Review draft standards and policies for evaluating, reporting and repairing OSS systems in the MRA;
- Outline hypothetical alternative scenarios for OSS repair in the MRA to be developed by PH-SKC;
- Plan an alternative septic system vendor fair designed to showcase potential solutions for MRA property owners with constrained sites;
- Discuss making an application for federal stimulus funding to support repair or replacement of failing OSS in the MRA; and,
- Get overview of the KVI AM 510 Septic Solutions radio program sponsored by WOSSA and hosted by Richard Montague of Vashon Island.

- **Deliverable / Outcome 2.2** – Percentage of systems status known; and, failing systems repaired/replaced.

Status: The parcel base mapping has been integrated with the OSS inventory records from Environmental Health and property ownership records from the Assessor in map format per Task 1. The draft maps have been prepared for public access in the draft website.

- **Deliverable / Outcome 2.3** -. Community contacted and familiarized with concerns associated with failing OSS and repair options (financial/technical).

Status: Introductory letter to MRA property owners drafted. The MRA Press release along with support information compiled on draft website including OSS compliance status mapping, and standards for evaluating, reporting and repairing systems ready for public release pending final Public Information Officer Review.

- **Deliverable / Outcome 2.4** - Barriers to OSS repair identified /documented; preferred solution strategies developed working with community using social marketing strategy developed in Task 3.

Status: Summary of barriers and benefits to MRA compliance revised per focus group review by Vashon Septic Solutions subcommittee (**attached**). Document included in draft website to be released pending PIO review. Alternative septic vendor fair developed to showcase potential solutions for MRA property owners with constrained sites working with community sponsors (**event outline and poster attached**). Application developed for federal stimulus funding to support repair or replacement of failing OSS in the MRA with construction lending to be administered via the non profit 501C3 Shore Bank Enterprise Pacific using the Hood Canal lending program model (**application attached**)

Deliverable / Outcome 2.5 - Policies and standards for OSS inspection, reporting and repair developed working with designers and installers (**attached**).

Status: Policies and standards for OSS inspection, reporting and repair developed working with designers and installers last quarter were presented to public via meetings held with realtors at Time of Sale Workshop 1/27/09 and a general property owner septic system O&M workshop “Care and Feeding of Your Septic System” on 1/29/09.

Task 3 Design and implement “social marketing / behavioral change” strategies directed at both community and regulatory agencies

- Clearly identify social and institutional and legal barriers to septic system repair and replacement, and;
- Design strategies to overcome identified barriers.

Due Date / Time Frame - July 08-June 09

Budget - \$10,000 **Expenditure for Period** - \$_

Deliverable / Outcome 3.1 - “Social marketing and behavioral change tool kit” that will be used in conjunction with the outreach effort.

Status: Draft summary of barriers and benefits to MRA compliance including proposed strategy to overcome identified barriers prepared and distributed for focus group review by Vashon Septic Solutions subcommittee.

Deliverable / Outcome 3.2 - Percentage of property owners in the MRA who voluntarily make necessary upgrades.

Status: