

**Quarterly Status Report  
Island County Health Department  
EH Onsite Enhancement  
DOH Contract Number C14949  
July 2008**

<b>SUMMARY</b>
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Island County continues to develop the resources and technical expertise necessary to implement revisions to WAC 246-272A; specifically, the development or enhancement of an OSS database system and the development of a Homeowner Septic Training (HOST) program certifying homeowner to inspect their own systems. Funding support has been directed, along with Island County Health Department (ICHD) resources, towards these two primary efforts.

**Element 1: OSS Database Development/Enhancements**

Island County has contracted with Balanced Action, Inc. for the programming services necessary for the development of a new OSS database system. The new data system will run on the Sequel Server 2005 platform and is being developed using C++, C-Sharp, VB6 and .Net 2.0 environments. The system has been designed, programmed and developed and has been populated with existing OSS, ownership and permit history records. Included in those records are the scanned images for every site evaluation and asbuilt that ICHD has on record for each property utilizing an OSS. Beta-testing of the data system is being performed with full employment scheduled for August 2008.

Task 1: ICHD's new OSS database provides an architecture that is based upon parcels of land. Activities associated with an OSS system on each parcel of land are tracked as "Events". Each event, whether associated with the design, construction, or operation and maintenance, have detailed information that can be retrieved by any member of the staff for review purposes. Events can be queried by type, date or outcome dependent upon the needs of the information.

Task 2: ICHD's new OSS database will provide timely reports to determine the compliance status of any community member utilizing an OSS for operation and maintenance events. Since the data system relies upon ownership information associated with the Island County Assessor's office, reminders for operation and maintenance activities can be generated directly from the system relying upon the most up-to-date address information for each parcel of land in the county.

Task 3: See response in 2 above.

**Element 2: Development of HOST Demo Park and Instructional Video**

Island County has entered an interlocal agreement to develop and implement HOST. Within Island County Code 8.07D, owners of conventional gravity systems not located

within Marine Recovery Areas may choose to become certified to inspect their system. The certification is system specific and is only valid as long as the owner lives at that residence. The development of HOST included creating curriculum and implementing a pilot project projected to be launched August 28<sup>th</sup>, 2008.

Task 1: Construct two OSS demonstration park for instructional purposes: one located on Whidbey Island and the other on Camano Island. The demo systems are operational enabling homeowners to learn how to inspect on a “live” system. Each system has a series of nonoperational laterals that are partially unearthed to provide clear understanding of lateral construction and operation.

Task 2: Creation of an instruction DVD through contract with Western Washington State University. The Septic 101 DVD will be the first phase of HOST and will be available at libraries, online and through Island County office. Homeowners desiring to become certified to inspect their OSS will need to first view this DVD. The DVD will also be useful for general educational purposes. Hardcopy/written tutorial is available for those who do not have capacity to utilize a DVD or whose internet access cannot accommodate running the tutorial.

<b>BUDGET</b>
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<u><b>Budget</b></u>	<u><b>Amount</b></u>
Element #1	\$10,000
Element #2	\$32,000
Administration Overhead	\$9500
<b><u>Totals</u></b>	<b><u>\$51,500</u></b>

<u><b>Budget by Task</b></u>	<u><b>Amount</b></u>
Database Development and Implementation	\$10,000
HOST Instructional DVD	\$22,000
HOST Demonstration Park	\$10,000
Administration Overhead	\$9500
<b><u>Totals</u></b>	<b><u>\$51,000</u></b>