


Thurston County Public Health and Social Services
 Environmental Health Division
On-Site Marine Recovery Area
 Quarterly Report - Ending 9/30/08



Task #	Task/Activity Description	Deliverables/Outcomes	
1	Project Administration/Management	<p>Staff Costs (Salaries & Benefits) OnSite Management Plan (Project 40545): Invoices for work associated with this project will be sent under separate cover by our accountant, Val Casterline.</p>	
2.1	Henderson Inlet On-Site Systems (OSS) Program Implementation	<p>Funds has allowed additional staffing for this project - See attached Word Document</p>	 2.1 Henderson OSS
2.2	Operational Certificate Notices	<p>For this quarter: 645 initial operational certificate renewal notices were sent to OSS owners within the Henderson Watershed Protection Area. The renewal notices describe the OSS maintenance and reporting requirements. 564 operational certificates were completed and issued. Second notices were sent for 257 systems 4 non-conforming letters (third and final notice) were sent.</p>	
2.3	Review of Renewal Materials	<p>Operational Certificate inspection reports were reviewed and evaluated for 345 OSS. The AMANDA electronic permit system was modified so that the data can be queried for this item. A report that characterizes query results will be written during this contract period. Seven repair permit applications were received as a result of HWPAs inspections.</p>	

2.4	Quality Assurance Inspections	<p>Quality assurance (QA/QC) inspections were done this quarter focused on OSS where submitted inspection reports indicated OSS deficiencies or where the inspection information was incomplete or inconsistent. Criteria for selection of OSS for QA/QC inspections was drafted, and is being reviewed for approval and adoption.</p> <p>106 QA/QC site visits were made and discrepancies with the inspection reports were found at one site. AMANDA reports will be written during this contact period to electronically track the number of QA/QC inspections.</p>
2.5	Technical Assistance	<p>OSS inspection and reporting requirements are mailed to each OSS owner along with an educational pamphlet. Seven homeowner OSS training workshops were held this quarter so that 114 homeowners were trained and certified to inspect their own systems. There were 3 technical assistance field visits made.</p>
2.6	Enforcement	<p>Staff routinely follow up with owners and professionals regarding correction of system deficiencies through phone calls, in person, and in writing. AMANDA reports will be written during this contract period to enable us to count the notices of violation for both OSS deficiencies and for OPC non-compliance. There were no systems flagged as non-conforming this quarter. There were 1 OSS found failing within the Henderson Watershed Protection Area as a result of inspections. Repair applications were received for 4 systems.</p> <p>There were 3 tank placement permit applications received during the quarter to replace leaking, unrepairable septic tanks. There were 47 minor unpermitted repairs made as a result of deficiencies found during inspections. The types of problems found include leaking septic tanks, corroded or missing tank baffles, broken pipes, faulty floats and alarms, malfunctioning pumps, electrical problems, and corroded/damaged distribution boxes.</p>
3	Enhance OSS Operation & Maintenance Electronic Data Management System	<p>No updates for this time period.</p>

Thurston County On-site Management Plan Implementation

Task 2.1 Database Enhancements

Thurston County will be contracting with eOnsite, an environmental data tracking, storage, and reporting software firm. Presently, the contract is being reviewed by the county's legal counsel.

During the quarter, Thurston County Environmental Health, Thurston County Development Services, and eOnsite have been working together. The goal has been to enable the electronic transfer of information and report data between the county's permitting database (AMANDA) and the eOnsite software. This quarter the pumping firm testing eOnsite has been successful in entering inspection and pump reports for OSS's in Thurston County. Several certified monitoring firms are using eOnsite to enter their quarterly monitoring ATU reports and required fecal coliform results.

Hyperlinks to current eOnsite pumper reports are enabled and can be viewed for individual sewage systems in the permit tracking system.

Develop and maintain an inventory

The county's permit tracking system has enabled us to build a more accurate inventory. Through the county's Henderson Watershed Protection Area program the inventory now lists more specific system details, as well as removing those properties connected to municipal sewer. With the addition of electronic data submittal, the inventory will continue to grow.

This quarter the property roll for 2009 Henderson Watershed Protection Area program was prepared and forwarded for inclusion on the 2009 Property Tax statement. From the initial 6,412 properties on the 2007 tax roll, the number of properties is now 6,173. Most of the 239 no longer on the roll are not in the program because they have hooked to sewer.

Maintain records for OSS operation and maintenance activities

The county's tracking system maintains records of all septic systems within the county that have a required operational certificate. This tracking system has been in operation since April 2004. The tracking system enables us to send renewal notices, track maintenance, issue operational certificates, and follow through with compliance.

Enforce OSS monitoring and maintenance

The county has approximately 111 aerobic treatments units that require quarterly monitoring. Our database system allows us to closely track sampling results, maintenance issues, and compliance. The system enables us to follow through with appropriate enforcement. The policy on effluent sampling requirements as a condition of operational certificates was finished and adopted this quarter.

Thurston County On-site Marine Recovery Area Project

Task 2 Henderson Inlet On-Site Systems Program Implementation:

Task 2.1 Additional Staffing

In January, staff was added to the Henderson Program to increase the capacity of the section to fully implement the new Henderson O&M program. An environmental health specialist, at 0.6 FTE, and an additional half time program assistant were transferred into the section.

Task 2.2 Operational Certificate Notices

This quarter 645 initial operational certificate notices were sent to OSS owners within the Henderson Watershed Protection Area. The notice informs the owner of the inspection requirements and due date to complete the work and submit the information. This quarter 564 operational certificates were completed and issued.

This quarter 257 second notices were sent. There were 4 non-conforming letters (third and final notice) sent this quarter.

Task 2.3 Review Operational Certificate Inspections

Inspection reports were reviewed and evaluated for 345 OSS. The AMANDA system was modified so that the data can be queried for this item. A report will be written during this contract period.

Seven repair permit applications were received as a result of HWPAs inspections.

Task 2.4 Quality Assurance Inspections

The types of OSS where quality assurance inspections were done this quarter are ones where the inspection report submitted indicated deficiencies with the system or the inspection information was incomplete or inconsistent. Criteria for selection of OSS for QA/QC inspections were drafted, and are being reviewed for approval and adoption.

During this quarter 106 QA/QC site visits were made, and there were discrepancies with the inspection reports found at one sites. AMANDA reports will be written during this contract period to electronically track the number of QA/QC inspections.

Task 2.5 Technical Assistance Meetings

Mailed with each OPC issued is the O&M conditions/requirements for the systems and an OSS educational pamphlet. During the quarter 7 homeowner OSS training workshops were held. Through those workshops, 114 homeowners were trained and certified to inspect their own systems second quarter. There were 3 technical assistance field visits made.

Task 2.6 Enforcement Activities

Staff is routinely following up with owners and professionals regarding correction of system deficiencies through phone calls, in person, and in writing. AMANDA reports will be written during this contract period to enable us to count the notices of violation for both OSS deficiencies and for OPC non-compliance. There were no systems flagged as non-conforming during this quarter. There was 1 OSS found failing within the Henderson Watershed Protection Area as a result of inspections. Repair permit applications were received for 4.

There were 3 tank placement permit applications received during the quarter to replace leaking, unrepairable septic tanks. There were 47 minor unpermitted repairs made as a result of deficiencies found during inspections. The types of problems found include leaking septic tanks, corroded or missing tank baffles, broken pipes, faulty floats and alarms, malfunctioning pumps, electrical problems, and corroded/damaged distribution boxes.