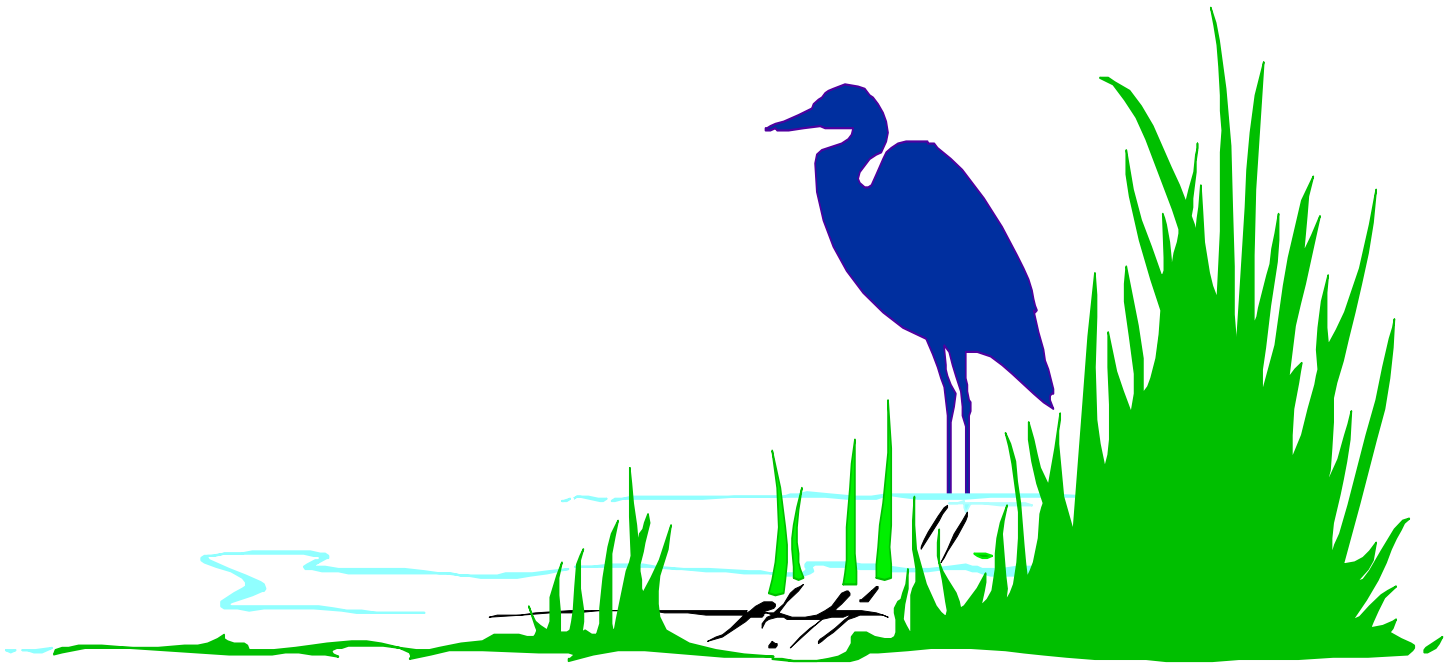


**Mason County Hood Canal Marine Recovery Area On-site
Septic System Discovery and Pollution Abatement Project**
Centennial Clean Water Fund
Grant # G1000278

2st Quarter Report



April 1, 2010 – June 30, 2010

**Prepared for
Washington State Department of Ecology**

**Prepared by
Amy Georgeson**

Mason County Hood Canal Marine Recovery Area On-site Septic System Discovery and Pollution Abatement Project
Grant # G1000278
Quarterly Report, April 1, 2010 – June 30, 2010

Work performed throughout the quarter:

Task 1 – Project Administration and Management

Mason County Public Health (MCPH) prepared and submitted 1st Quarter 2010:

- Quarterly report
- Payment vouchers
- Fiscal forms

Task 2- O&M Enhancement

- Septic records for 500 Hood Canal Shoreline parcels have been reviewed. Edits for the O&M database have been tracked in an Excel file that will be sent to Carmody to update system data during the next quarter.
 - ✓ The data that has been edited include installation date, type of system, if records (as-builts) are available, and if the drainfield is less than 100 feet from surface water.
- Two fields have been added to the OSS database in Carmody including check boxes indicating if an as-built is available and if the drainfield is located less than 100 feet from surface water. This data is included in the database update to be uploaded to Carmody in the near future. Work is progressing to include both of these new fields in select Carmody reports. The data will also be included in the On-site sewage GIS layer when the edited data has been uploaded to Carmody.
- 500 reviewed records have been scanned and indexed into Land Records. 80 new septic permits were also scanned, of which 16 new septic permits were within the Hood Canal Study Area and 7 were repairs.

Task 3- O&M Education

- One OSS class was presented with WSU Extension staff on 05/13/2010 in Hoodsport.
- Educational booths were set up for the following events. Septic maintenance information was distributed to participants:
 - ✓ 5/5/2010 – DogFest (Belfair) sponsored by the Salmon Enhancement Group for Hood Canal.
 - ✓ 6/25/2010 - Hood Canal Health Fair (Hoodsport) sponsored by the Skokomish Nation.
- 1847 reminders were sent to homeowners in the Hood Canal Shoreline study area. 1707 were for conventional systems; 140 were for Alternative systems requiring annual maintenance. Attached are the reminder documents that were sent.

Task 4- Water Quality Monitoring

- After MCPH submitted additional comments and corrections on the QAPP on 3/23/10, MCPH received additional comments from the Department on 5/6/10.
- MCPH submitted a corrected draft QAPP on 5/13/10 to the Department. On 5/19/10, the Department sent an e-mail that the QAPP was ready for final signature.
- The Department signed the QAPP on 5/24/10.
- Staff identified access locations and sent letters to residents if the road right of way did not provide the best access to the stream
- MCPH plans to access the following 303(d) listed streams from the Road Right of Way:
 - ✓ Lilliwaup Creek
 - ✓ Big Bend Creek
 - ✓ Little Mission Creek
 - ✓ Twanoh Creek
- MCPH contacted 20 property owners for access with properties located adjacent to the mouths of the following streams:
 - ✓ Twanoh Falls Creek
 - ✓ Shoofly Creek
 - ✓ Holyoke Creek
 - ✓ Trails End Creek
 - ✓ Stimpson Creek
 - ✓ Deveraux Creek
 - ✓ Mulberg Creek
 - ✓ Happy Hollow Creek

If MCPH does not receive permission to access the above streams, they will either access them from the Road Right of Way or attempt to contact the homeowners while out at the site.

- MCPH received permission to access the following streams before the end of this quarter:
 - ✓ Trails End
 - ✓ Deveraux
 - ✓ Mulberg (however, due to a DOE listing inconsistency, we received access for a different stream than the Mulberg stream that was monitored and originally listed. MCPH is currently working with DOE to resolve this and to get access from the current owner adjacent to the real Mulberg Creek)
- MCPH hopes to perform the initial monitoring during the month of July, 2010, pending access from homeowners. This means the first year monitoring will not be complete until July, 2011. This will rearrange both the monitoring schedule and the sanitary survey schedule. MCPH had originally anticipated that monitoring on this project would begin January, 2010, but was not able to begin monitoring then due to both lengthier contract negotiations and multiple QAPP revisions.

Task 5- Septic System Sanitary Surveys

- MCPH continued to assist in the investigation Potlatch State Park's LOSS, based on concerns from the Skokomish Tribe regarding elevated fecal coliform levels in Potlatch Creek from 2004 to current.
- MCPH helped create pet waste estimates for Hood Canal and broken down into major watersheds. MCPH hopes to use this information during sanitary surveys to illustrate the importance of proper pet waste pick-up and disposal.