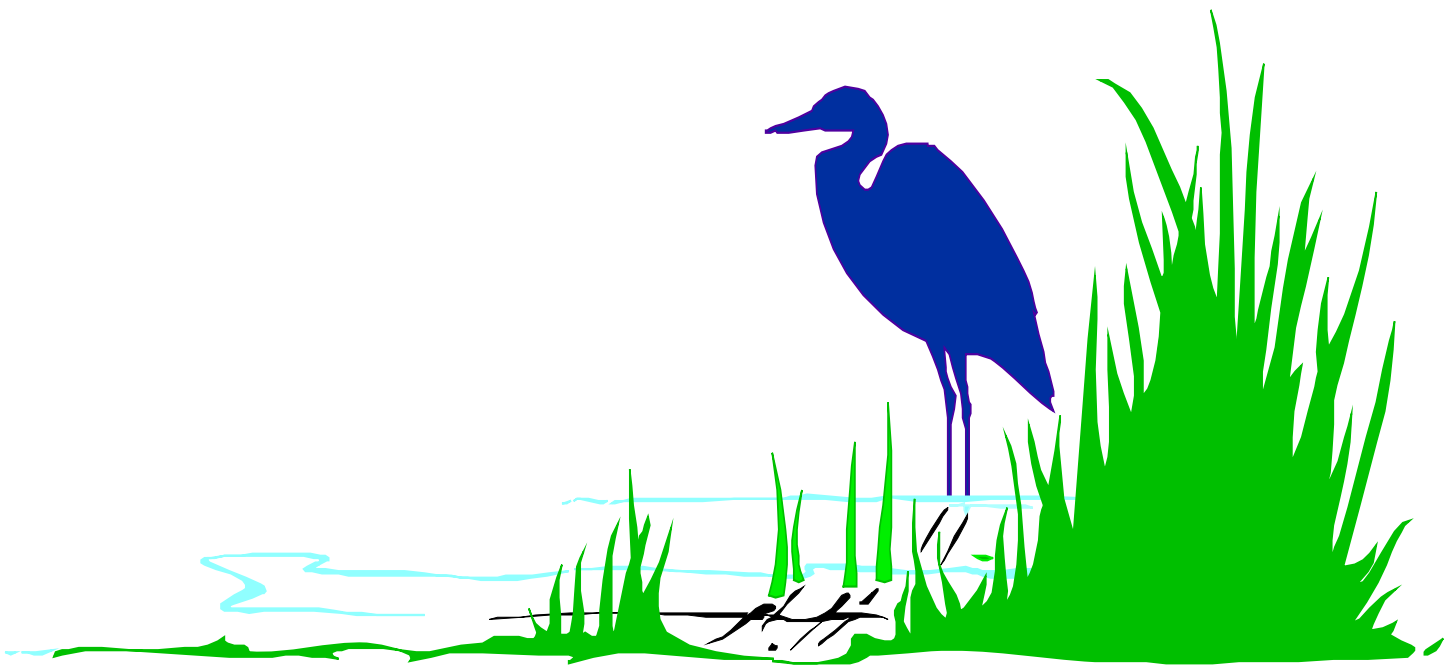


Mason County Septic System Surveys
and Database Enhancement
Centennial Clean Water Fund
Grant # G0600378

Quarterly Report: October 1, 2006 – December 31, 2006



Prepared for
Washington State Department of Ecology

Prepared by
Mason County Public Health
Water Quality Program, Onsite Program,
And Environmental Health Manager

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Work performed throughout the quarter

Task 1 – Project Administration and Management

Task 2- Shoreline Survey

During the second quarter of this contract period, Mason County Public Health Department's Water Quality staff have been writing the Quality Assurance Project Plan (QAPP). In order to support the QAPP, staff have also been creating Standard Operating Procedures for the Pollution Identification and Correction (PIC) and Sanitary Survey procedures.

As of December 31, 2006, both documents have completed drafts. Final review of the Water Quality Standard Operating Procedures (WQ SOPs) by the Mason County Environmental Health Manager has been completed.

Task 3- Septic System Surveys

No surveys have been completed yet, as the QAPP is not yet approved. One Septic System replacement was completed on SR 106.

Task 4- Public Outreach

The new Operation & Maintenance homeowners manual was printed and placed on the web page. All homeowners installing new and repair septic systems receive the new manual. Two O&M presentations were conducted at Skookum Hall and Pioneer School in October and two at Pioneer School in November. These were conducted in conjunction with Washington State University Extension. An exhibit was provided at Oysterfest in October.

Besides the Septic System Users Manual, contact information for the onsite program has been added to the web page.

Task 5- Database Enhancement

Mason County Public Health contracted with Carmody Data Systems, the developer for our Operation and Maintenance data system, for enhancements to the system to accommodate specialized data and reporting needs for the county.

- Parcels related to water quality investigations have been sent to Carmody with septic data to be added to the data system. Uploading parcels into database not previously included in the data system allows education and follow-up for septic maintenance for a larger number of onsite septic systems.
- Data fields are being added to the data base that will allow more targeted search and reporting features to support areas of interest such as streams, watersheds and shorelines.

All service provider reports for septic tank pumping and/or Operation and Maintenance are entered into the database as the county receives them.