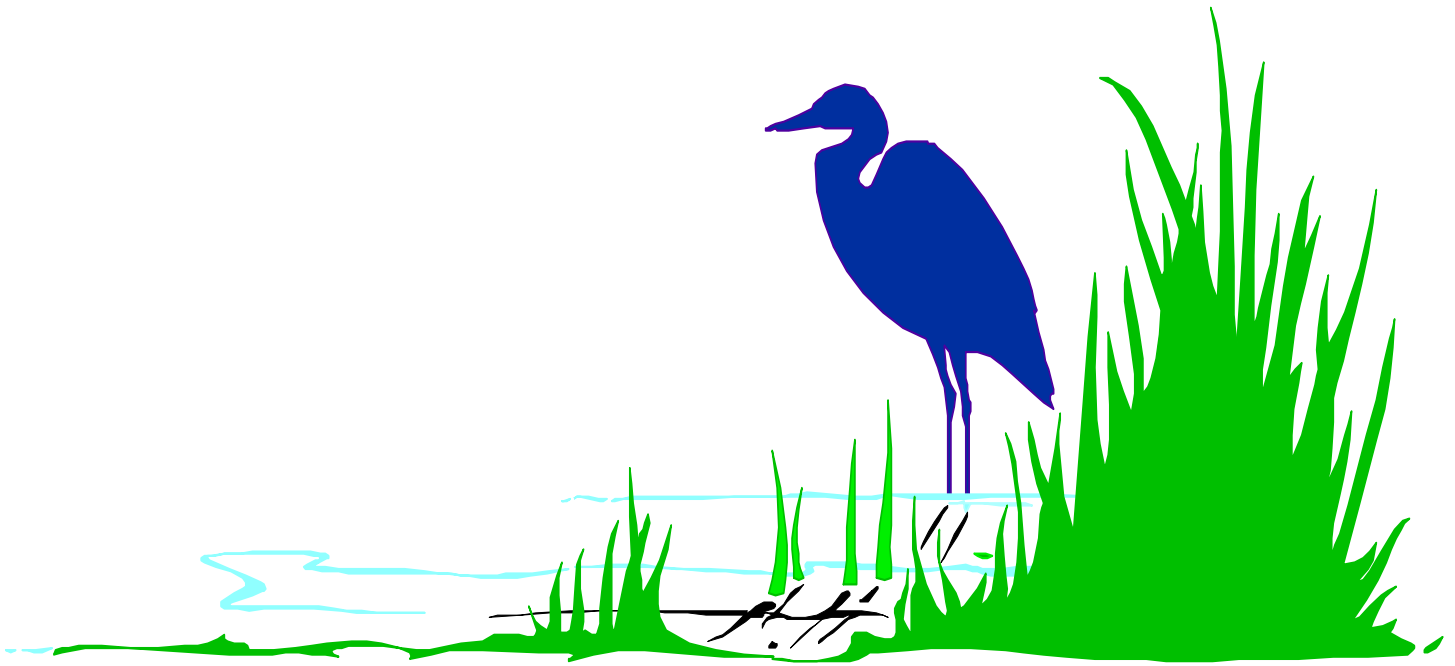


Mason County Northshore Pollution Identification And
Correction Project
Centennial Clean Water Fund
Grant # G1000122

1st Quarter Report



January 1, 2010 – March 31, 2010

**Prepared for
Washington State Department of Ecology**

**Prepared by
Amy Georgeson**

Mason County Northshore Pollution Identification and Correction (NSPIC)

Grant # G1000122

Quarterly Report, January 1, 2010 – March 31, 2010

Work performed throughout the quarter:

Task 1 – Project Administration and Management

Mason County Public Health (MCPH) prepared and submitted the 4th quarter 2009 report.

Task 2- Shoreline Survey/Water Quality Monitoring

- MCPH researched analysis costs from several different water quality labs.
- MCPH turned in the draft QAPP to the Department for this project on 1/27/10.
- Comments were received on the draft QAPP from the Department on 3/29/10.
- MCPH purchased the following equipment to complete work under this grant:
 - GPS Unit: Juno SB GPS/Camera Unit (\$741)
 - GPS software: TerraSync Professional (\$1165) and
 - Refractometer for salinity (\$90)
- MCPH created an EIM and GIS friendly excel database, which will be used to add current monitoring data into GIS and will allow for easier download into EIM.
- MCPH created data dictionaries within the Juno unit, which will allow for standardized collection of monitoring location information when in the field. These data dictionaries will then feed back into the MCPH EIM/GPS database.
- MCPH familiarized itself with the workings of the new GPS units.
- Staff attended a Managing Nutrients EPA webinar.
- Staff updated the MCPH website to include NSPIC information, which can be found here:

http://www.co.mason.wa.us/health/envhealth/surface_water/north_shore_pollution_identification.php

- Staff provided input on the Hood Canal wide monitoring inventory that is being compiled by Herrera Environmental.

Task 3- Septic System Surveys

- MCPH has created a GIS data layer for the Onsite Septic Systems (OSS) within the study area.
- MCPH created a GIS data layer that included information related to the last OSS service event.
- MCPH delineated parcels within the study area including those parcels that are developed or have an OSS.
- MCPH has created summary statistics relating to the OSS within the study area. This information will be used to prioritize sanitary surveys and help identify segments where there is the highest potential for fecal coliform pollution to be entering the marine water, based on the age of installation of the OSS and the most recent OSS inspection.

Task 4- Public Outreach

No work has been performed in public outreach.