

Hood Canal TMDL/Scanning Grant Requirements Overview 12/4/09

- Scanning Required Performance:
 - The RECIPIENT will verify the installation date and system type of approximately 6500 OSS records. 2010-2012
 - The RECIPIENT will update approximately 6500 OSS records in Carmody. 2010-2012
 - The RECIPIENT will scan all existing OSS records in the study area and new OSS records in the county. 2010-2012
 - The RECIPIENT will make parcel records available to the public via their website. 2011-2012
 - All complete parcel file records in the RECIPIENT's Land Records program will be made available to the public. 2011-2012
 - The RECIPIENT will report the total number of records researched (including their install date and system type) and number of OSS records scanned to the DEPARTMENT. 2012
 - The RECIPIENT will create a GIS shapefile and update in Carmody for all of the septic systems within 100' of the shoreline and all parcels that actually have physical OSS as-built records. 2012 (or ongoing for reports)
- Education Required Performance:
 - The RECIPIENT will report on the total number of reminders sent out. 2012
 - The RECIPIENT will report the number of OSSs that are in or out of compliance at the end of the project. 2012
 - The RECIPIENT will perform up to 3 presentations for community members or at educational conferences and will report on the total number of presentations performed. 2010-2012
 - The RECIPIENT will provide electronic copies of any educational materials that are created. 2012

Water Quality

The RECIPIENT will identify which areas will receive sanitary surveys and educational outreach efforts based on the focus areas.

In the *first year*, the RECIPIENT will monitor all 12 streams 10 times throughout the year. The monitoring will be performed during dry weather, low flow, wet weather events and moderate flow events. This will provide baseline information and will help determine where sanitary survey and dye test work will be performed. It will also provide information to the DEPARTMENT regarding the current status of these 303(d) listed streams.

The RECIPIENT will monitor all sites for fecal coliform bacteria, total phosphorus (TP) or ortho-phosphate, nitrate+nitrite (N+N) or total nitrogen (TN), ammonia, temperature, pH, dissolved oxygen, turbidity and conductivity.

The RECIPIENT has identified 12 "streams of concern" based on the 303(d) list (TMDL category 5) for fecal coliform. The 12 streams are: Lilliwaup Creek, Big Bend, Twanoh Creek, Twanoh Falls Creek, Mulburg Creek, Happy Hollow Creek, Holyoak Creek, Trails End Creek, Deveraux Creek, Little Mission Creek, Stimpson Creek and Shoofly Creek.

- WQ Required Performance:
 - The RECIPIENT will submit a Quality Assurance Project Plan (QAPP) for DEPARTMENT approval. 2010
 - The RECIPIENT will perform water quality monitoring following the procedures that are outlined in the approved QAPP. 2010-2012
 - The RECIPIENT will monitor 12 - 303(d) listed streams at least 10 times. 2010
 - The RECIPIENT will determine nutrient and fecal coliform loads for all sites with flow data. 2010-2012

- The RECIPIENT will input all monitoring data into EIM (Environmental Information Management) System at least yearly. 2010-2012
 - The RECIPIENT will provide a letter (with the appropriate justifications) to the DEPARTMENT requesting the removal of up to 12 streams from the 303(d) list. 2012, unless determined earlier
 - The RECIPIENT will provide a final report that discusses the overall health of the water bodies sampled; water quality trends and identify water bodies that need additional pollution and correction to the DEPARTMENT. This report will be made available to Mason County residents, provided to the WRIA 16 Watershed Planning Unit (and any other interested parties) and have it posted on the RECIPIENT'S Web Page. The report will include any relevant data from the Sanitary Survey portion of this grant. 2012
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- Sanitary Survey Required Performance:
 - The RECIPIENT will complete approximately 174 sanitary surveys and provide results in a spreadsheet to the DEPARTMENT. 2010-2012
 - The RECIPIENT will complete approximately 22 dye tests and provide results in a spreadsheet to the DEPARTMENT. 2010-2012
 - The RECIPIENT will enter any relevant data (such as the 50 additional fecal coliform monitoring locations) in the EIM database at least annually. 2010-2012
 - RECIPIENT will educate homeowners on proper pet waste disposal, stormwater management on their properties and methods of keeping excess nutrients out of surface and ground water. 2010-2012
 - The RECIPIENT will compose a letter to the Department of Health requesting they evaluate any shellfish growing areas positively impacted by the corrective actions performed under this grant. 2012, unless determined earlier