

On-Site Management Plan Implementation Project Progress Report

Performance Period: July 1 – September 30, 2008

Local Health Jurisdiction: Clallam County

Consolidated Contract Number: C14942

Budget Status

Through September 2008, Clallam County spent \$35,309 on OSS management plan implementation.

Progress Report

Below is a summary by task of the work completed during the third quarter of 2008.

Task 1. Clallam County's Permit*Plan Database Enhancements

In the third quarter of 2008, the GIS/Database Coordinator started working with the integrated database (integrates Assessor's, GIS, and permit parcel information). He found several systematic errors and is working to correct them. In addition, he identified one major deficiency: unfortunately, the parcel address information is not accurate enough for our purpose. He identified several methods to improve it, and this work will begin soon.

Significant progress has been made on technical issues shared with Jefferson County, which will accelerate the automated case creation process, as well as the eOnsite integration (as soon as the data are ready).

Next steps for work on Task 1 include the following:

- Conduct quality control checks on parcel address data.
- When information is adequate, rebuild the case creation file with fixes from the preliminary run.
- Send case creation file and database copy to contractor for bulk case creation.
- Send same file to eOnsite for septic site file generation.
- Work with eOnsite on automated data transfer and update processes.
- Complete modifications to existing SOM case.
- Export selected data from existing SEP cases to new SOM cases.
- Export selected data from existing septic permit cases to new O&M cases.

Task 2. Filling Data Gaps – Transforming Hard-Copy Permits into Electronic Records

Sue Waldrip, Data Retrieval Technician, is leading this task. In the third quarter of 2008, Sue reviewed 1,316 files, entered 344 permits into the database, and scanned an additional 494 as-builts for permits that were already in the database. All permits entered were for septic systems in the Marine Recovery Area. Sue is supported by a Centennial Clean Water Fund grant from Ecology through 2008. Also, on-site permit technicians spent time this quarter entering hard-copy O&M reports into Permit Plan.

Task 3. Ground Truth Questionable OSS Permits

Ground-truthing activities were minimal in the third quarter. However, onsite staff did conduct a field investigation of fecal coliform pollution in Lees Creek east of Port Angeles (outside of the MRA). Quarterly monitoring by Clallam County Streamkeepers has shown high fecal coliform levels in Lees Creek (in some cases, in the thousands of cfu/100 ml). Onsite staff researched parcels to see if the pollution could be septic-related and worked with Streamkeepers to develop a sampling plan to track the pollution.

Task 4. Reconvene the OSS Work Group

The OSS Work Group met once during the third quarter, on September 22nd. The meeting agenda included a review of the septic system inspection training and certification program for homeowners; presentations from Work Group members about their experiences observing professional septic system inspections; and updates on Clallam County's septic system code revision and upcoming grant activities. A meeting summary will be completed shortly.

Task 5. Funding Feasibility Study

Cascadia Consulting Group is continuing to research and develop the funding feasibility study. They expect to have a draft study completed by the end of 2008.

Task 6. Project Management

In this reporting period, activities conducted under this task included the following:

- Coordinated the OSS Work Group's meeting,
- Updated the project's web site,
- Finalized the County's septic system code revision,
- Managed consultants,
- Tracked task progress and budgets, and
- Administered contract.

Expenses billed under Task 6 included refreshments and photocopies for the Work Group's meeting.

On-Site Marine Recovery Area Project Project Progress Report

Performance Period: July 1 – September 30, 2008

Local Health Jurisdiction: Clallam County

Consolidated Contract Number: C14942

Budget Status

Through September 2008, Clallam County spent \$66,957 on the MRA project.

Progress Report

Below is a summary by task of the work completed during the third quarter of 2008.

Task 1. Defining a Baseline and Mapping Progress

In the third quarter, Clallam County completed the following work under Task 1:

- Continued progress on shoreline Septic of Concern notebook & tracking system.
- Continued to fill out spreadsheets to track potential SOC's in the MRA for Shoreline parcels (~500ft) and to check for current SEP, SAN and SOM records in Permit Plan.
- After doing parcel research, assembled regional notebooks by printing Permit Plan screen and "as-builts" as available for each parcel suspected of being a SOC in shoreline area for Sequim Bay, Dungeness Bay and Dungeness Spit west to Bagley Creek.
- Created maps in ArcView of Sequim Bay, Dungeness Bay and Dungeness Spit west to Bagley Creek, including zoomed-in sections of SOC's, to accompany notebooks to assist with further field research.
- Began mapping and parcel research of residential properties within 200 ft of the Dungeness River.
- Used ArcView to designate all residential properties in the MRA that are within 200 ft of "open" irrigation ditches and organized that information to begin parcel research into septic system status on those properties.
- Began mapping other "sensitive" areas within Clallam County, such as lakes and areas of high nitrates in well water, for future SOC investigations.
- Updated septic and parcel information in Permit Plan as needed.

Task 2. Field Visits to Verify OSS Status

Clallam County on-site staff completed one dye test in the MRA during the third quarter. The system was failing and has been repaired. On-site staff coordinated with the Jamestown S'Klallam Tribe to conduct beach surveys along the shoreline of Dungeness Bay at low tides, to investigate potential sources of bacterial pollution to the Bay and its shellfish growing areas. Seep samples had fecal coliform levels ranging from 52 to 1,140 cfu/100 ml; several samples had levels greater than 500 cfu/100 ml. The County is working with the Tribe to map the seeps and will investigate septic systems that could be sources of pollution to the bay.

Task 3. OSS Owner Education

Clallam County on-site staff prepared course materials and taught three Septics 101 workshops in the third quarter (one per month in the MRA). A panel of local septic

system professionals assisted County staff with class instruction and helped answer questions from septic system owners. There were 57 participants in total. The County attempted to schedule a Septics 101 workshop in Sekiu in the County's West End but had to postpone when a community leader failed to generate much interest and suggested canceling the class. We will try again in the future. Community members expressed a strong interest, however, in septic system inspection training and certification for homeowners.

Also this quarter, Environmental Health staff and consultants developed a brochure and poster about the new statewide septic system inspection requirements, Clallam County's MRA designation, and how the County is implementing the new rules. The brochures will be available at the permit counter and distributed at presentations, festivals, and other events to increase awareness of the new requirements and the responsibilities of septic system owners. A Centennial Clean Water Fund grant from Ecology provided the funding to develop these educational materials.

Expenses billed under Task 3 were for office supplies, classroom rentals, vehicle rental (from the County), and refreshments.

Task 4. Project Management

In this reporting period, Task 4 activities included the following:

- Concluded administration of homeowner training,
- Kept project web site up to date,
- Tracked task progress and budgets, and
- Administered Consolidated Contract.

Expenses billed under Task 4 were for office supplies, a computer for on-site staff, and business travel.