



## **PORT OF CHELAN COUNTY**

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## **PORT OF CHELAN COUNTY**

### **STORMWATER MANAGEMENT PROGRAM SECONDARY PERMITTEE**

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## INTRODUCTION

The Port of Chelan County (Port), in partnership with Chelan County and the Washington State Department of Transportation, constructed a stormwater system in 1999 to address stormwater runoff at their Olds Station Business Park and adjacent lands. The Port owns and operates the facility under an interlocal agreement with Chelan County. The entire Olds Station MS4 facility drains into a large retention and infiltration pond and ultimately discharges into the Wenatchee River near the confluence with the Columbia River. A site service area map is located in **Appendix A**.

The Olds Station Business Park (Business Park) is located in the Wenatchee Valley in the eastern foothills of the Cascade Mountains. The land surface of the Business Park and adjacent property slopes gently to the southeast, toward the confluence of the Wenatchee and Columbia Rivers.

The development of the Business Park by the Port of Chelan County began in 1964 with the preparation of a feasibility and site selection study. Acting upon recommendations from the study, the Port began to acquire property in the Olds Station area, immediately west of the Wenatchee city limits at the crossroads of Highway 2 and Highway 97. Today, the 100-acre Olds Station Business Park is occupied by a variety of professional businesses and light industrial tenants, including a winery, skills center, several manufacturers and the Confluence Technology Center.

The Port is governed by three elected commissioners with six-year rotating terms. The commissioners represent three distinct districts within Chelan County (County). The Port's day-to-day activities are managed by an Executive Director. There are currently seven other people on staff at the Port. The Port owns and manages property in Olds Station as well as in other diverse areas in the County. They jointly own and manage Pangborn Memorial Airport with the Port of Douglas County.

The Port of Chelan County is a Phase II NPDES Secondary Permit holder that owns and operates an MS4 in the greater Wenatchee area. They are part of a designated urban area that includes the Cities of Wenatchee and East Wenatchee and Chelan and Douglas Counties. The city and county agencies have entered into an interlocal agreement to cooperatively meet the NPDES Phase II permit requirements. The Port is currently not part of that group; however, it is clear that there are significant benefits to making a cooperative effort between these entities. The Port is currently in discussions with the County on that effort.

The Secondary Permit requires the development and implementation of a Stormwater Management Program (SWMP) to control discharge into and from the MS4. The program includes six minimum elements designed to reduce the discharge of pollutants from the MS4 to the maximum extent possible. Beginning in 2007 and continuing into 2008, the Port will determine what changes are necessary to make sure stormwater capital improvements, water quality monitoring and evaluation, public education and outreach, enforcement and regulations, and maintenance and operation activities comply with the permit. The Port of Chelan County's NPDES Phase II permit coverage became effective May 11, 2007.

## **1. PUBLIC EDUCATION AND OUTREACH**

The Port will be completing the public education and outreach program cooperatively with Chelan County, which will include the following elements.

### ***Label Storm Drain Inlets***

Storm drain inlets owned and operated by the Port, located in maintenance yards, parking lots, along sidewalks and at pedestrian access points, shall be clearly labeled with the message “Dump no Waste” with an indication of the discharge into the nearby river according to the following guidelines.

- No later than May 11, 2010 at least 50 percent of the inlets shall be labeled.
- No later than August 15, 2011, all inlets shall be labeled.
- Any inlet having a label that is no longer visible and/or easily readable shall be re-labeled within 90 days.

### ***Develop Public Outreach Strategy and Educational Information***

The Port, in cooperation with Chelan County, will identify the target audiences to receive public education. The information will be distributed to tenants and residents and will focus on the impact of stormwater discharges on receiving water bodies and steps that can be taken to reduce pollutants in stormwater runoff. Different combinations of topics will be addressed each year before the expiration of the permit. Compliance with this requirement will be achieved through participation in Chelan County’s (the local jurisdiction) public education and outreach programs.

## **2. PUBLIC INVOLVEMENT AND PARTICIPATION**

The Port will work with Chelan County to achieve public involvement and participation compliance. The public will be involved in both the development and implementation of the stormwater program. The public will be made aware of program developments through news releases and public meetings facilitated by Chelan County. The Port will be completing the public involvement and participation program cooperatively with Chelan County and will include the following elements.

### ***Solicit Public Review of SWMP***

The following strategies will be implemented to meet permit compliance.

- No later than August 15, 2011, a public notice will be published in the local newspaper soliciting public review of the SWMP.
- The latest version of the SWMP will be made available to the public. The SWMP will be posted on the Port’s website.

## **3. ILLICIT DISCHARGE DETECTION AND ELIMINATION**

Illicit discharge detection and elimination will be prevented by averting material from entering the storm drain system which is not entirely stormwater. This will be done through education, enforcing dumping ordinances and controlling spills. This program will be focused on detecting discharges during the dry weather when detection is easiest. The illicit discharge program consists of the following elements.

### ***Compliance with Local Jurisdictions***

The Port will comply with relevant ordinances, rules and regulations of Chelan County.

### ***Develop Illicit Discharge Policy***

No later than May 11, 2008, appropriate policies prohibiting illicit discharges and illegal dumping will be developed. Possible enforcement mechanisms will be identified by May 11, 2008, and by November 11, 2008, an enforcement plan will be implemented to ensure compliance with illicit discharge policies. The policies will address illicit connections, non-stormwater discharges and the disposal of hazardous materials. The Illicit Discharge Policy created by Chelan County will most likely be adopted by the Port.

### ***Develop Stormwater System Map***

No later than August 15, 2011, a stormwater system map will be fully developed. The map will be completed in cooperation with Chelan County and will consist of the following elements.

- A base map provided by Chelan County will be used and the Port's system will be verified and augmented.
- Existing information will be collected about the storm drainage system and discharges to receiving waters. The map will include the location of storm drain outfalls, labeling of receiving waters and delineation of the areas contributing runoff to each outfall.
- The map (or completed portions) will be available upon request to the Department of Ecology (Ecology). If requested, an electronic format with fully described mapping standards will be submitted.

### ***Field Inspections***

Field inspections will be completed in order to visually inspect for illicit discharges at all known outfalls. Field inspections will take place during the mapping effort and once a year for the remainder of the permit. Inspections will also occur after significant storm events, such as the 10-year, 24-hour storm event. If an indication of an illicit discharge exists, it will be reported in the appropriate steps to identify and eliminate the source of the discharge. Each visual inspection will be recorded in writing and retained in the records.

### ***Spill Response Plan***

No later than August 15, 2011, a spill response plan will be fully developed and implemented. The definition of a spill is any release of material that threatens human health or the environment. A spill response plan will be developed based on Ecology's Emergency Spill Response Plan and will be created cooperatively with Chelan County. The plan will include the following elements.

- Identifying types of emergency incidents that should be reported, such as the following.
  - Any person needing medical attention as a result of contact with a hazardous material.
  - The hazardous material has the potential to enter surface water or ground water directly, indirectly or through a ditch, drain or crack.
  - Plants or animals are ill, injured, stressed or dead.

- The spill cannot be controlled, contained or cleaned up quickly using a bucket or shovel.
- Identifying spill reporting numbers and which agencies should be notified.
  - Chelan County
  - Department of Ecology Regional Office (Yakima): (509)-575-2490.
- Preparing a standard set of procedures for handling a spill.

### ***Staff Training***

All relevant staff will be trained on proper Best Management Practices (BMPs) for preventing spills and illicit discharges. The training will be incorporated into existing training efforts by Chelan County. New staff will be trained upon employment and refresher courses will be given at increments determined by Chelan County. The training will be completed no later than 180 days before February 16, 2012.

## **4. CONSTRUCTION SITE STORMWATER RUNOFF CONTROL**

- For Port projects that disturb 1 acre or more, an application is filed for a Construction Stormwater General Permit if there is a potential to discharge to surface water (including a storm drain). During construction activities on Port property, all contractors will be required to comply with the BMPs to control erosion and sediment issues for 1 or more acres of land. Chapter 7.23 of the *Stormwater Management Manual of Eastern Washington* will be used as a guideline for construction.
- Construction phase stormwater pollution prevention measures will be included in all service contracts. Coordination with Chelan County will be necessary regarding projects owned and operated by other entities that discharge into the Port's system.
- Training regarding erosion and sediment control BMPs and requirements will be accomplished in coordination with Chelan County.
- Ecology and/or Chelan County will be contacted during times of construction for an invitation to inspect the construction site or other land disturbances.

## **5. POST-CONSTRUCTION STORMWATER MANAGEMENT FOR NEW DEVELOPMENT AND REDEVELOPMENT**

- The Port will comply with all relevant ordinances, rules and regulations of Chelan County that govern post-construction stormwater pollution prevention measures.
- Coordination with WSDOT and Chelan County will be accomplished regarding their projects that discharge into the Port's system in order to ensure all requirements are met.

## **6. POLLUTION PREVENTION AND GOOD HOUSEKEEPING FOR MUNICIPAL OPERATIONS**

No later than May 11, 2010, a municipal operation and maintenance (O&M) plan will be developed and implemented to minimize stormwater pollution. The O&M plan will likely be adopted from Chelan County and be included in their SWMP. The O&M plan will include the appropriate

pollution prevention and good housekeeping procedures for all operations, activities and facilities present throughout the Port's system.

Maintenance standards will be established that are as protective of facility function as specified in Chapters 5, 6 and 8 of the 2004 *Stormwater Management Manual for Eastern Washington*. Spot checks will be conducted of stormwater treatment and flow control facilities following a 24-hour storm event with a 10-year of greater recurrence interval. The O&M plan will address the following items.

- Activities pertaining to roads and parking lots such as: deicing, anti-icing, snow removal practices, snow disposal areas and material storage areas.
- Storage, washing, fueling and maintenance activities related to vehicles.
- External building maintenance such as cleaning, painting and washing.
- Parking and open space activities such as fertilizing and landscape activities.
- Material storage areas.

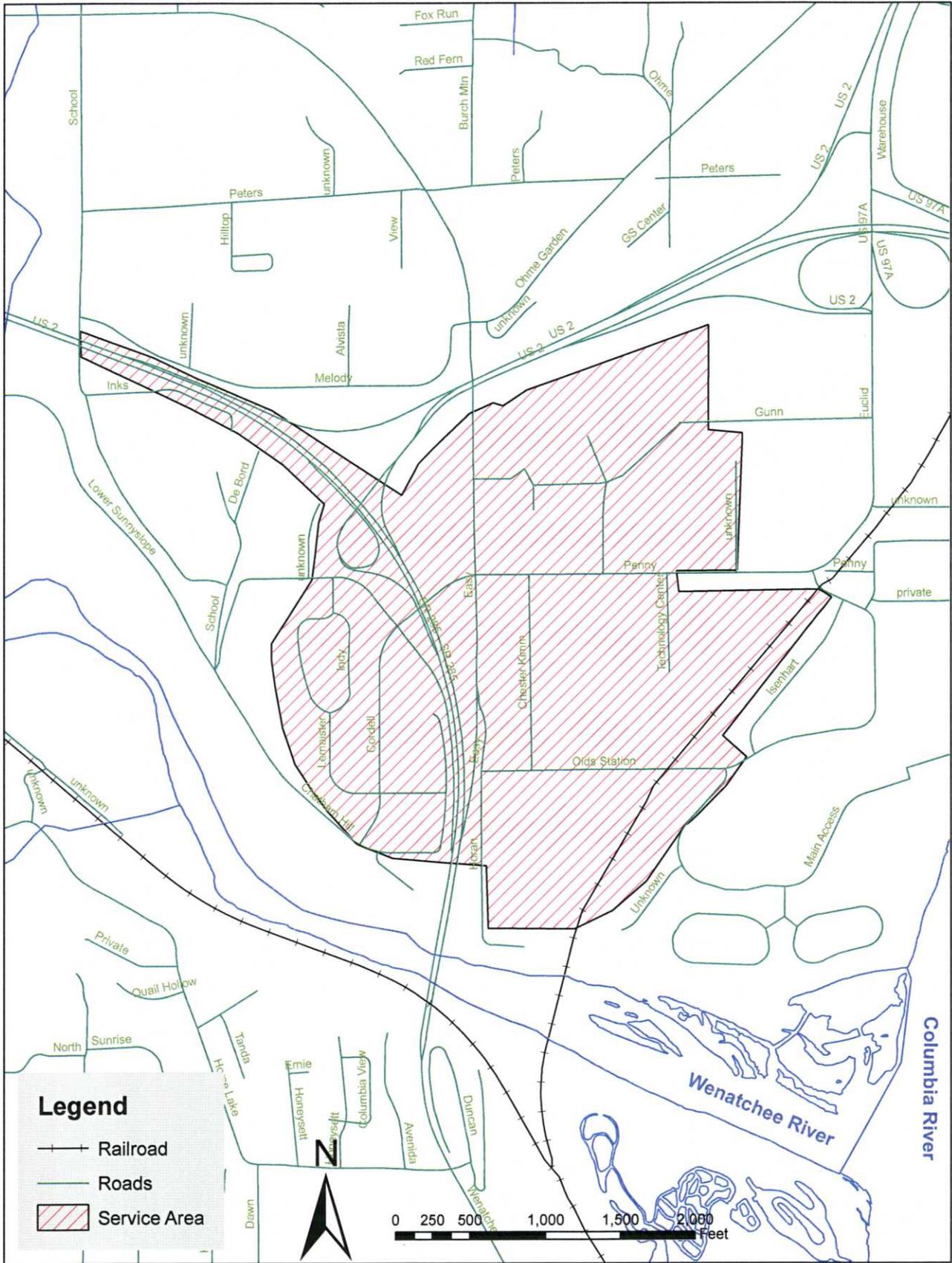
All personnel whose construction, operations or maintenance job may impact stormwater quality will be adequately trained. The training will be done cooperatively with Chelan County and shall address the importance of protecting water quality; requirements of this permit; operation and maintenance requirements; inspection procedures; ways to perform job activities while minimizing impacts to water quality; and procedures for reporting water quality concerns, including potential illicit discharges.

## **7. TRACKING AND RECORD KEEPING**

All activities related to the requirements of the Secondary Permittees pursuant to RCW 36.89 will be documented by the Port, Chelan County or the designated representative. All documents related to the Stormwater Permit are to be kept for 5 years. All documents related to the Stormwater Management Program will be available to the public. The reports include, but are not limited to the following.

- a) First Year Annual Report due to DOE by March 31, 2008.
- b) Second Year Annual Report due to DOE by March 31, 2009.
- c) Third Year Annual Report due to DOE by March 31, 2010.
- d) Fourth Year Annual Report due to DOE by March 31, 2011.
- e) All documents related to Illicit Discharges and other permit elements.

**Appendix A**  
**Port of Chelan Service Area**



Port of Chelan County  
 Olds Station Municipal Separate Storm Sewer System (MS4)  
 Service Area