

I. OVERVIEW DESCRIPTION OF PROJECT

The goal of the Wenatchee Valley Stormwater Technical Advisory Committee (WVSTAC) has been to implement a consistent, regional stormwater management program in the four local jurisdictions: Chelan County, Douglas County, East Wenatchee and Wenatchee. The purpose of this grant was to implement the Illicit Discharge Detection and Elimination (IDDE) program through joint outreach and education, establishing a charity car wash program for the valley, purchasing equipment for staff, surveying outfalls and providing IDDE training.

II. OUTCOME

All of the tasks as well as some additional IDDE activities were completed using the grant funds provided. The tasks fell into three main categories: implementation activities, equipment, and training.

The first implementation activity completed under the grant was the development of a mailing list of local businesses based on the target audiences identified in the Wenatchee Valley Stormwater Management Program Public Involvement, Education and Outreach Plan. In early March of 2010, a letter regarding IDDE and a flyer for the two public meetings was mailed to 1,085 businesses in the Wenatchee Valley. The public meetings were held on March 16, 2010 at the Wenatchee Convention Center in Wenatchee and on March 18, 2010 at the Douglas County Public Services Building in East Wenatchee. Posters, a car wash kit, and a spill kit were used during these meetings to demonstrate best management practices to prevent stormwater pollution.

Information on illicit discharges and best management practices was provided at the following community and school events:

- **Expanding Your Horizons:** This event was primarily for middle school girls and provided students an opportunity to learn about careers in math and science. WVSTAC staff presented on stormwater pollution prevention and tracking illicit discharges on March 6, 2010 and March 12, 2011 at Wenatchee Valley College.
- **KPQ Home & Garden Show:** Stormwater pollution prevention information for businesses and residents was provided at a booth at the home show. Staff attended the show on March 12th-14th, 2010 and on March 11th-13th, 2011 at the Town Toyota Center in Wenatchee.
- **Earth Day:** Several local groups organized this event on April 17, 2010 at Centennial Park in Wenatchee. WVSTAC staffed a booth and provided stormwater outreach and education information.
- **Kids in the Creek:** WVSTAC members provided staffing and equipment for the water quality station at this event held May 7th, 11th, and 12th, 2010 and May 10th-12th, 2011 at the Entiat Fish Hatchery. The Kids in the Creek program was designed to educate students on the importance of a healthy watershed. The

program includes a classroom curriculum and a field experience day. During the field experience day, students visit stations staffed by local professionals that discuss streamflow, habitat, fish anatomy, water quality and riparian areas. The final activity of the day is an exercise in how activities such as recreation, development, agriculture, and industry can negatively impact watersheds and what can be done to mitigate or eliminate these impacts.

The WVSTAC purchased education and outreach supplies and advertising to promote stormwater pollution prevention awareness and the stormwater hotlines. Several handouts and brochures were developed during this project including alternatives for commercial vehicle washing, best management practices, winter stormwater pollution prevention, and vehicle washing. In December 2010, the winter IDDE brochure was mailed to 31,727 residences and businesses throughout the Wenatchee Valley. During the last quarter of the project, a brochure for commercial businesses to provide information on maintaining stormwater facilities and preventing illicit discharges was completed.

In June of 2010, the WVSTAC developed a list of charity car wash stakeholders including businesses, schools, sports teams and other non-profit organizations. Meeting notices were sent to 57 stakeholders and advertised on local radio stations, the WVSTAC web page and in the Wenatchee World. The meetings were held on June 9th at the City of East Wenatchee City Hall and the City of Wenatchee Public Services Center. Eight car wash kits were set-up using the grant funds. Beginning in June 2010, kits were available at the City of Wenatchee Public Services Center or at the City of East Wenatchee City Hall. City of East Wenatchee staff also met with three charity organizations and two mobile detail businesses to evaluate sites for using the kits and explain how the kits worked. Staff also worked with a local hardware store to develop another alternative for hosting a charity car wash. The store did not have stormwater structures on site, so car wash events were held in a location where the wash water could be contained and evaporated or pumped. Following the car wash event, the paved area was swept and cleaned. As of June 30, 2011, fourteen car washes were held using the kits.

In addition to the public outreach and education for the community, the WVSTAC implemented several IDDE program elements pertaining to city and county facilities and staff. WVSTAC staff conducted outfall inspections in 2010 and 2011 in all four jurisdictions. A total of 22 outfalls were inspected by city and county staff in the Wenatchee Valley. Staff also responded to illicit discharge complaints. To assist staff with implementation, equipment and supplies were purchased including a turbidimeter, testing and sampling supplies as well as spill response equipment. Forty-five city and county vehicles were equipped with spill response equipment. Specialized kits were also purchased for employees who handle pesticides and automotive fluids.

Grant Agreement No. G1000365
City of Wenatchee

Spill response and illicit discharge identification training was provided for local government staff at the City of Wenatchee Public Services Center, City of East Wenatchee City Hall, Chelan County Public Works Shop, and the Douglas County Area 1 Shop. A total of 61 employees attended the trainings held on May 17, 2011. In addition, an IDDE Refresher and Implementation Training was held on May 18, 2011 at the Washington State Parks Eastern Regional Headquarters in East Wenatchee. Twenty-three stormwater professionals attended the training including staff from City of Spokane, City of Wenatchee, City of East Wenatchee, City of West Richland, Douglas County, Chelan County, Ecology and Washington State University.

III. EVALUATIONS

All of the tasks set forth in the grant were completed on time and within budget which allowed the WVSTAC to further implement the IDDE program by providing more training, more outreach, and more equipment for local staff. This project was successful in that IDDE education and outreach was provided to a significant number of municipal staff members, businesses, students and residents. Equipment and supplies were also purchased that will help city and county staff as well as local residents identify, remove and prevent illicit discharges to the municipal stormwater systems.

IV. FOLLOW-UP

All of the tasks set forth in the grant agreement were completed. Materials and equipment purchased through the grant will continue to be used for the IDDE program. On-going implementation will be funded through stormwater utility rates and additional grants whenever possible. All of the outreach and education materials are available on the regional stormwater website (www.wenatcheewa.gov/wvstac) or from the City of Wenatchee upon request.

ATTACHMENTS

Commercial Business Stormwater Brochure
IDDE Training Presentation, 5/17/2011
IDDE Implementation /Spill Response Training Sign-in Sheets
IDDE Advertisement