



**SKAGIT VALLEY COLLEGE
STORMWATER MANAGEMENT
PROGRAM**

Reporting year 2016

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The issue of surface water is relevant to Skagit Valley College (SVC), because of its approximation to the Skagit River. The college focuses on many environmental issues, not least of all clean water, and it has set a good example in minimizing its impact on the river by maintaining a clean college site clean water retention ponds. Apart from minimizing SVC's ecological footprint, the college is also engaged in environmental education as a core vocational study, and the best way to teach environmental technology is by example. We also have a 35 acre area that we have maintained as a wooded area for natural observations of forested areas.

The majority of runoff is channeled from the campus core, where most of SVC's buildings are concentrated. Thus, the campus core is also the location of the highest number of impervious surfaces on SVC property. These include the roofs of the campus buildings, sidewalks, parking spots and other impervious areas. Green strips, numerous planting areas and native trees mitigate the effects of these impervious surfaces. Our recently completed Science & Allied Health building has achieved a LEED Platinum rating. Part of the determination of this rating is the method we use to deal with stormwater runoff. Our roof drains feed into a water garden and natural landscaping was a part of the design. We are currently in the construction phase of another building, the Academic & Student Services Building that will be designed to meet at least LEED Gold standards.

Other impervious surfaces include campus parking lots, sidewalks, roof surfaces and plaza areas for foot traffic circulation. Some of these areas control water runoff and water filtration thru holding ponds. We also have a large holding pond that is used for water flow control and cleaning from out tennis courts. This pond has been developing as a study structure for environmental classes. We continue to improve the pond area with the addition of natural vegetation trees to crease shadow areas.

The Skagit River ultimately receives all of the campus stormwater runoff. The campus site is on the crest high ground. The water from the eastern part of the campus drains to Barney Lake, which then drains into the Skagit River. The water from the western part of the campus drains to the Kulshan Creek drainage area, and then into the Skagit River. SVC works constantly to preserve water quality in the Skagit River and further along, Puget Sound.

Public Education and Outreach

1. All 46 of the storm drain inlets that are located in maintenance yards, parking lots, sidewalks and pedestrian access points have been permanently labeled with the message “DUMP NO WASTE, DRAINS TO THE SKAGIT RIVER”. As part of the college’s preventive maintenance program, all storm drain inlets are inspected semiannually to ensure that these labels are readable. If the labels are unreadable they will be repainted within 90 days.
2. As a means of educating college students and staff, the Director of Facilities and Operations periodically sends out E-mails emphasizing the importance of and the means toward reducing pollutants in stormwater runoff. The Director of Facilities & Operations is also working with the college IT staff toward displaying messages on informational monitors throughout campus to cover the following subjects:
 - 2.1. How stormwater runoff affects local bodies of water.
 - 2.2. Proper use and application of pesticides and fertilizers.
 - 2.3. Benefits of using well-adapted vegetation.
 - 2.4. Alternative equipment washing practices.
 - 2.5. Benefits of proper vehicle maintenance and alternative transportation choices.
 - 2.6. Hazards associated with illicit connections.

Public Involvement and Participation

1. Skagit Valley College published a public notice in the Skagit Valley Herald on April 4-8 2012 to solicit public review of its SWMP.
2. Skagit Valley College has posted its SWMP to the SVC public website.

Illicit Discharge Detection and Elimination

1. Skagit Valley College complies with all relevant ordinances, rules and regulations that govern non-stormwater discharges.
2. The Director of the Physical Plant developed an Illicit Discharge Plan in June of 2008. This plan includes, but is not limited to:
 - a. Defining what does and does not constitute an illicit discharge
 - b. Establishing an inspection procedure for discovery and elimination of any illicit connections
 - c. Establishing a method for reporting illicit discharges

Construction Site Stormwater Runoff Control

1. Skagit Valley College will comply with all relevant ordinances, rules, and regulations of the local jurisdiction that govern construction phase stormwater pollution prevention measures.
2. For all construction projects under the control of Skagit Valley College which require a construction stormwater permit, SVC will obtain coverage under the NPDES General Permit for Stormwater Discharges Associated with Construction Activities or an alternative individual NPDES permit prior to discharging construction related stormwater.
3. The college will coordinate with the SKAGIT PUD regarding projects owned and operated by other entities which discharge into the college's MS4 and will assist the Skagit PUD with achieving compliance with all relevant ordinances, rules and regulations.
4. SVC Facilities staff are trained on erosion and sediment control best management practices. The college will also verify the credentials of any outside contractor to ensure that they have the experience and training in construction stormwater pollution prevention.
5. Skagit Valley College will fully cooperate with the Department of Ecology and/or local jurisdictions to provide access for inspection of construction sites or other land disturbances. Requests for such access are to be directed to the Director of Facilities and Operations at (360) 416-7751.

Post-Construction Stormwater Management for New Development and Redevelopment

1. The college will comply with all relevant ordinances, rules and regulations of the local jurisdictions that govern post-construction stormwater pollution prevention measures.
2. The college will coordinate with the SKAGIT PUD regarding projects owned and operated by other entities which discharge into the college's MS4 and will assist the Skagit PUD with achieving compliance with all relevant ordinances, rules and regulations

Pollution Prevention and Good Housekeeping for Municipal Operations

1. Skagit Valley College has developed and implemented an operation & maintenance (O&M) plan to minimize stormwater pollution from activities conducted by the college. This plan addresses how the college will take care of its:
 - a. Stormwater collection & conveyance systems
 - b. Sidewalks, driveways & parking lots
 - c. Fleet vehicles
 - d. Exterior building maintenance
 - e. Campus grounds
 - f. Material & equipment storage areas
2. The college does not own or operate any other facilities that require a NPDES permit for industrial activities.
3. Documentation of all work done to comply with the college's O&M plan can be pulled from the computerized maintenance management system.
4. The college facilities staff will be trained annually on how their work impacts stormwater quality. This annual training will address:
 - a. The importance of protecting water quality
 - b. The requirements of this permit
 - c. O&M plan requirements
 - d. Inspection procedures
 - e. Ways to perform their job activities to prevent or minimize impact to water quality
 - f. Procedures for reporting water quality concerns