

Saanich Stormwater Management Tour



1 - Raven Building
 4396 West Saanich Road.
Land Use: Commercial building.
Completion Date: 2011.
 First private LEED Gold building in Victoria.
Stormwater Feature: Green roof.
Watershed: Colquitz Creek.



2 - South Valley Park, Wilkinson Valley
 4100 Hatfield Road.
Land Use: Formerly agricultural land converted to Single Family Residential and Park. **Completion Date:** 2007.
Stormwater Features: Bioswales, permeable paving and stormwater wetlands and creeks. An existing drainage ditch was completely redeveloped as a series of wetlands and creeks to address increased runoff from new housing, improve aesthetics and provide a community amenity and wildlife corridor.
Watershed: Colquitz Creek.



3 - Saanich Centennial Library
 3100 Tillicum Road.
Land Use: Municipal Building. **Completion Date:** 2007.
Certification: LEED Silver.
Stormwater Features: Permeable paving, underground storage and decorative dry river beds with underdrains for stormwater retention and treatment.
Watershed: Colquitz Creek.



4 - Tattersall Drive Rehabilitation
Land Use: Municipal Roadway. **Completion Date:** 2012.
 Road upgrade to add new infrastructure including stormwater treatment, bikelanes and sidewalks between Quadra Street and Saanich Road.
Stormwater Features: 11 Rain gardens totalling approximately 450m² treating runoff from about 5000m² of asphalt road surface. The 'stormwater streetscape' concept combines rain gardens, street trees, and reduced sidewalk widths to minimize stormwater runoff and manage pollution. Positive outcomes include efficient on-street parking, cost-effective stormwater management, traffic calming, improved vehicular and pedestrian traffic safety and reduced heat island effect.
Watershed: Cecelia Creek.

8 - Kenmore Park/Mamich Pond
 1700 Block Kenmore Road.
Land Use: Municipal Park/Single Family Residential. **Completion Date:** 2007.
Stormwater Features: A rain garden takes up much of the park site (.09 ha) to help reduce the amount of pollution reaching creeks and streams. A vegetated swale parallel to Kenmore was preserved when the adjacent subdivision was developed to help remove pollution from surface runoff water. The rain garden is planted with many varieties of native plants.
Watershed: Douglas Creek.



7 - McKenzie Avenue Treatment Pond
 McKenzie Avenue at McGill Road.
Land Use: Municipal Roadway.
Completion Date: 2013.
Stormwater Features: Road upgrade including bike lanes and vegetated medians. Wet pond features inline vegetation for water treatment. Overflow diversion to stormdrain for peak runoff events and graduated vegetation from top of slope to basin, using plants adapted to varying water tolerances.
Watershed: Douglas Creek / Bowker Creek.



6 - University of Victoria
 Engineering / Computer Science Building
Land Use: Institutional.
Completion Date: 2006.
Certification: LEED Gold.
Stormwater Features: Permeable pavers for pedestrian and vehicle access. Pavers are notched to allow infiltration between each block. Key maintenance feature is to keep paver joints clean to ensure drainage. Used in combination with adjacent green space. Also features natural landscaping.
Watershed: Hobbs creek.



5 - TD Canada Trust Building
 4000 Quadra Street.
Land Use: Commercial Building.
Completion Date: 2003.
Stormwater Features: A number of small rain gardens are used between the lines of parking stalls and adjacent to the building to reduce road runoff by allowing stormwater to soak into the ground. Curb cuts allow water to enter from the parking surface.
Watershed: Colquitz Creek.

