

District of Sooke – Regional Innovative Rainwater Management Examples

Laval Townhomes – 1800 block Laval Avenue

Type of Project: **Residential - Townhouses**

RAINWATER MANAGEMENT TECHNIQUES USED:

- | | | |
|--|--|---|
| <input checked="" type="checkbox"/> permeable surfaces | <input type="checkbox"/> greenroofs | <input type="checkbox"/> reduced footprint |
| <input checked="" type="checkbox"/> bioswales | <input type="checkbox"/> roof storage | <input type="checkbox"/> underground storage |
| <input type="checkbox"/> raingardens | <input type="checkbox"/> rainwater harvesting, reuse | <input type="checkbox"/> naturescaping or restoration |

Municipality: Saanich
Public Access: Yes
Size: 28 units
Type: Retrofit
Ownership: Main feature is on public boulevard, housing is private.
Completed: Winter 2007/8



Rainwater Management Techniques Used:

Bioswales Existing roadside ditch was redesigned to bioswale with curb cuts draining the public road, as part of the new development. Street trees will be incorporated.

Permeable Paving Unit pavers used for driveways and parking spaces on the adjacent townhouse development

Location on Site: Swales are within the road right of way, permeable units pavers are on private driveway.

Impervious Area Managed: Bioswales accept road surface water

Design Storm Used: Data not available

Other Notes: A fully vegetated raingarden was first proposed but maintenance concerns dictated that a simpler, grassed bioswale be used.

Cost: Data not available

Funding: Private, negotiated as part of the development process

Awards: -

Project Team:

Landscape Architect - Data not available
Civil Engineer - Delcan Engineering and Planning, 477-2206
Designer - Victoria Design, 382-7374

