

District of Sooke – Regional Innovative Rainwater Management Examples

Creekside Residences – 1825 Kings Road

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: No. Most features visible from public sidewalk.
Size: 12 units
Type: New
Ownership: Housing is private but main feature is on public boulevard area
Completed: 2007

Rainwater Management Techniques Used:

Bioswales: Grassed swales with curb cuts in the road right of way. Grassed swales in private landscaping direct some overflow to Bowker Creek at rear of property, some to retention via silt traps.

Permeable Paving: Grass grid and unit paver types used in driveways and parking areas.

Underground Storage: Flow control manholes provide some detention.
Location on Site: Main swale is along Kings Road. Other features dispersed on private property.

Impervious Area Managed: Roof and parking areas of 934m²

Design Storm Used: Maximum release rate 1.42 L/s

Other Notes:

Cost: Not available

Funding: Private

Awards: -

Project Team:

Landscape Architect - LADR Landscape Architects, 598-0105

Civil Engineer - 1st Team, 478-8383, www.1st-team.bc.ca

Architect - Vic Davies Architect, www.vicdavies.com

