

HORNBY ISLAND GROUNDWATER PROTECTION PROJECT OVERVIEW

GOAL "To preserve and protect the quality and quantity of groundwater on Hornby Island through a series of community-based programs and projects"

The Hornby Island Groundwater Protection Project is a local community initiative aimed at preserving and protecting the quality and quantity of the groundwater resource on Hornby Island. The project is administered by Islands Trust and the BC Ministry of Water, Land and Air Protection. In short, it is the development of a management plan for the long term sustainability of our water supply.

Phase I (1999)

- Assessment of problems and potential solutions
- Identified the necessary steps in the creation of a management plan
- Started the process of implementing these in the Official Community Plan.

Phase II (2000-2002)

- Establishment of the Hornby Island Groundwater Protection Management Committee
- Completion of several important studies to further the understanding of the groundwater situation.
- Completion of the Hornby Island Groundwater Protection Strategy

Phase III

- Implementation phase of projects and programs identified in the Groundwater Protection Strategy.
- Prioritization of projects and development of the Action Plan.

The implementation of projects and programs in Phase III is guided by the Groundwater Protection Forum (a group of interested individuals, groups, companies and societies on Hornby Island). Members of the Forum are:

Aquaprotec , Aquarian Systems, Comox Valley CARE, Conservancy Hornby Island, Galleon Beach Watershed Protection Association, GHOSTS (Greenhouse Organic Sewage Treatment Society), Hornby Island Forest Society, Hornby Island Residents and Ratepayers Association, Islands Trust, Regional District of Comox Strathcona, Seawright Residents Group, Water Stewardship, Whaling Station Bay Improvement District and other interested community members and companies.

HORNBY ISLAND GROUNDWATER PROTECTION PROJECT

Hornby Island Groundwater Protection Project – Phase III Action Plan Projects	
Objective/Theme	Projects/Programs
Water Conservation	<ul style="list-style-type: none"> – Increase Water Conservation – <i>Promote Rainwater Harvesting</i>
Sewage Treatment	<ul style="list-style-type: none"> – Address Failing Sewage Treatment Systems – Promote Proper Wastewater Treatment and Performance Management – Investigate Desirability/Feasibility of Centralized Sewage System for Subdivisions
Composting Toilet/Greywater Systems	<ul style="list-style-type: none"> – Assist and Expand the use of Composting Toilets – Program to Enable Greywater Treatment – Feasibility of Centralized Composting Facility
Wells	<ul style="list-style-type: none"> – Promote Proper Well Construction – Abandoned Wells: Reduce Aquifer Pollution – Wells/Well Casings: Reduce Aquifer Pollution – Inland Community Wells: Feasibility/Development
Land-use Activities: Aquifer Protection/Pollution Reduction	<ul style="list-style-type: none"> – Industrial/Commercial/Service – Agriculture Practices – Household and Garden
Saltwater Intrusion	<ul style="list-style-type: none"> – <i>Address Saltwater Intrusion of Aquifers</i>
Groundwater Recharge	<ul style="list-style-type: none"> – Preserve and Enhance Groundwater Recharge – Protection of Wetlands
Surface Water Quality & Foreshore Protection	<ul style="list-style-type: none"> – <i>Improve Surface Water Quality and Reduce impacts to Foreshore</i>
Monitoring of Action Plan Effectiveness	<ul style="list-style-type: none"> – Measurement of Effectiveness of Action Plan

For more information please contact the Project Coordinator.

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