

**REPORT TO CAPITAL REGIONAL DISTRICT BOARD  
MEETING OF WEDNESDAY, MAY 9, 2018**

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**SUBJECT**     **Water Supply to Neighbours of Hartland Landfill**

**ISSUE**

To provide supporting information on the notice of motion on this meeting's Board agenda regarding a policy to provide piped water in the event of well water contamination due to Hartland landfill operations.

**BACKGROUND**

Juan de Fuca Electoral Area Director Hicks has brought forward a notice of motion on the Board agenda regarding a policy to guarantee piped water to any community, at Capital Regional District (CRD) expense, that has permanent or long-lasting well water contamination as a result of activities at the Hartland landfill.

The Willis Point community has raised concerns regarding protection of its groundwater resources in the past. These concerns were raised once again at a community engagement session last fall as part of the Core Area Wastewater Treatment Project, particularly in light of the Residuals Treatment Facility to be constructed on the north portion of the landfill property. In response to the concerns raised, a Hartland Landfill Good Neighbour Practices was developed and shared with the community (Appendix A).

The Good Neighbour Practices apply to all residents in the surrounding area of the landfill. The practice stipulates that if a hazardous condition with the potential to cause harm to neighbouring properties or groundwater is confirmed, CRD staff will take all necessary steps to notify the appropriate authorities, respond to and manage the condition, and contact any party or individual that might be impacted with instructions and information to ensure the protection of public health and safety. The practice goes on to state that if the condition is confirmed and has an ongoing or long-term impact on groundwater, the CRD will implement measures to comply with any legislative obligations or requirements and take steps necessary to remedy and remediate the situation, which may include, provision of alternative water supply.

**ENVIRONMENTAL IMPLICATIONS**

The Hartland landfill is situated within Tod Creek watershed, which is a critical component of the landfill's groundwater and surface water management. Staff have designed engineered controls to augment existing natural flow mechanisms and to contain landfill-impacted groundwater in a small defined zone within the landfill property boundary.

Engineering controls installed at the landfill have mitigated historical (circa 1980s) water quality impacts near the landfill, and groundwater quality outside of the landfill property currently meets applicable standards. Based on the results of the existing sampling program, staff do not have any concerns regarding offsite groundwater quality in any direction from the landfill.

Groundwater flow mimics topography and flows downhill. Topography, and therefore groundwater flow, around the landfill is mostly towards the east-northeast. Higher elevation areas to the west and northwest block groundwater flow in that direction. Therefore, staff do not expect to see any landfill-related impacts in areas north or west of the landfill, such as the Willis Point area.

### **ECONOMIC IMPLICATIONS**

Any extension of piped water to Willis Point, or to other residents surrounding the landfill, would be an extension to the District of Saanich's water distribution system. As such, no detailed servicing plans or capital cost estimates have been developed by the CRD for servicing residents near the landfill.

### **RECOMMENDATION**

That the Capital Regional District Board receive this report for information.

Submitted by:	Larisa Hutcheson, P.Eng., General Manager, Parks & Environmental Services
Concurrence:	Robert Lapham, MCIP, RPP, Chief Administrative Officer

LH:cl

Attachment: Appendix A – CRD Hartland Landfill Good Neighbour Practices