

In the Interest of Disclosure

For more than 20 years I have expressed concerns about the risks to human health, from potentially contaminated drinking groundwater sources in the general area of Parksville, and French Creek on Vancouver Island BC. These concerns are based on the fact that the source of the water, for a population of more than 14,000 people, is extracted from an area of land with significant water contamination risks.

I have on many occasions identified and described these risk factors to water purveyors, members of Local, Provincial and Federal Governments, as well as the Vancouver Island Health Authority. The typical response to a considerable number of meetings, presentations and volumes of correspondence and documentation, has been that the drinking water supplies meet the '**standards**' set by regulating authorities. The concerns that I have expressed are that most of the contaminants in question are not identified in the '**standards**'.

I have recently become aware of a term called willful blindness that states that an individual or individuals that have important knowledge or information, have a moral, ethical and legal responsibility to take the appropriate actions with that information.

I hereby affirm that critical information about local drinking water sources have been provided to individuals in positions of responsibility.

Dated January 1st 2015

Trevor Wicks Qualicum Beach BC

Background information

The catchment area or recharge zone for the groundwater supply can extend for several kilometres from the well-field of a high demand system or systems.

The total groundwater extraction rate for our area is considerable (hundreds of thousands of cubic meters per year), and has lowered groundwater levels by 11 meters or more in parts of the recharge zone.

The list of potential contaminants and compounds is very extensive.

The following photographs, only show a small portion of the overall picture.

Willful blindness is a term used in law to describe a situation in which an individual seeks to avoid civil or criminal liability for a wrongful act by intentionally putting his or herself in a position where he or she will be unaware of facts that would render him or her liable.

Margaret Heffernan: The dangers of "willful blindness"

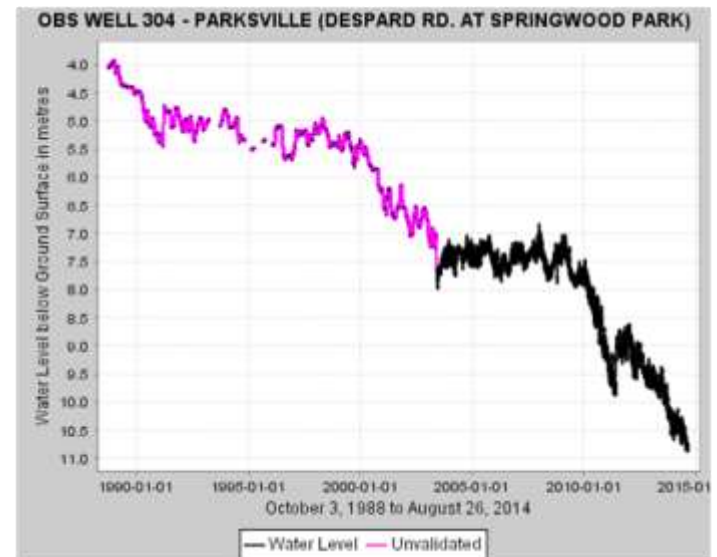
<https://www.youtube.com/watch?v=Kn5JRgz3W0o>

Supporting information

The online YouTube video Troubled Water by videographer Paul Manly has been viewed more than 19,000 times. The segment relating to the area of the groundwater supply for Parksville and French Creek is available at <http://youtu.be/onJNkeIKXoE?t=25m4s>

My website has some background information about drinking water source protection at <http://www.innovationbc.com/hydrology--water.html>

The groundwater levels at an observation well in Springwood Park continue to drop at an alarming rate. The level is now down to 11 meters. Historically the groundwater level was at the surface of the land.



Bulk storage and wells

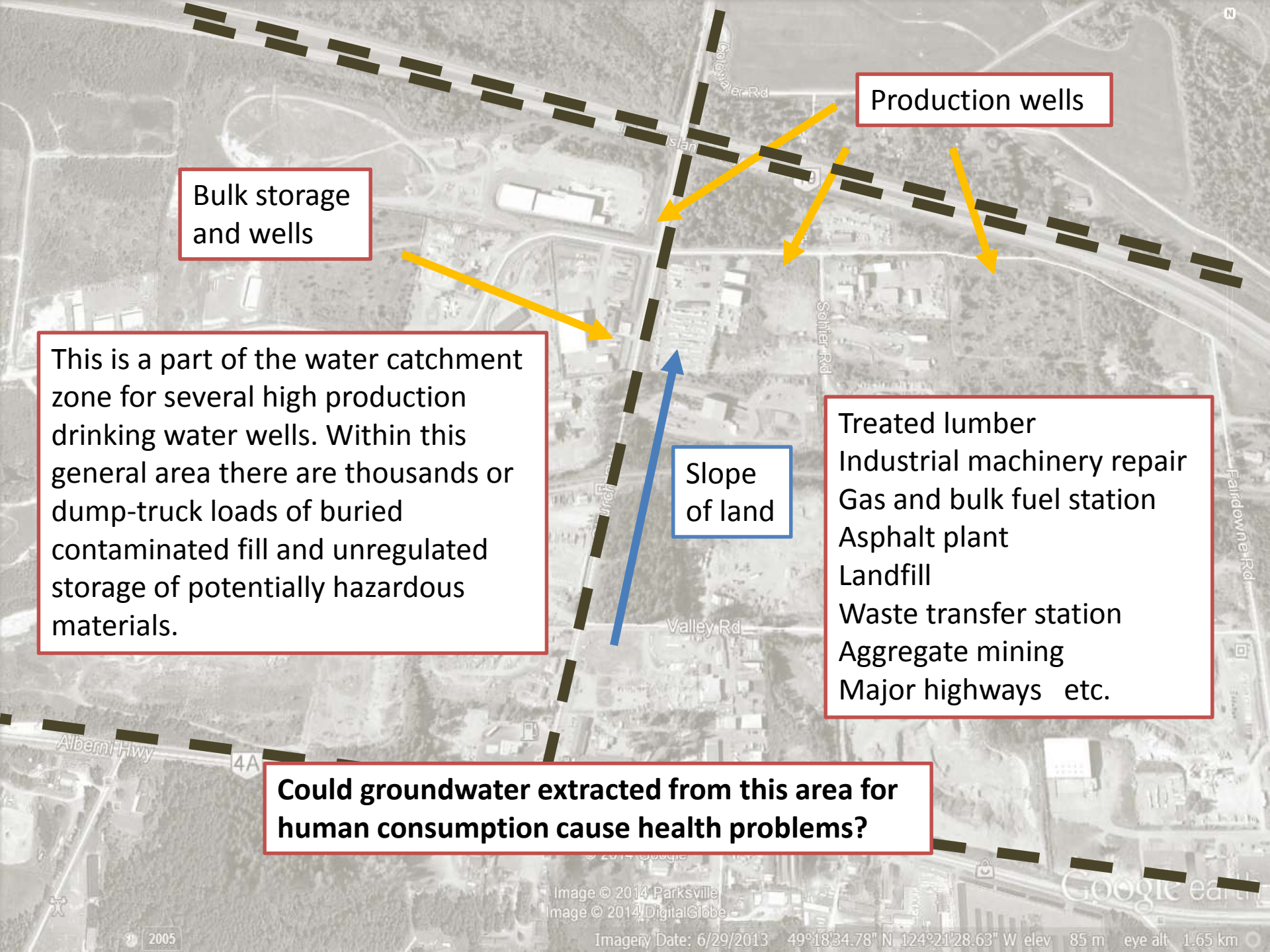
Production wells

This is a part of the water catchment zone for several high production drinking water wells. Within this general area there are thousands or dump-truck loads of buried contaminated fill and unregulated storage of potentially hazardous materials.

Slope of land

Treated lumber
Industrial machinery repair
Gas and bulk fuel station
Asphalt plant
Landfill
Waste transfer station
Aggregate mining
Major highways etc.

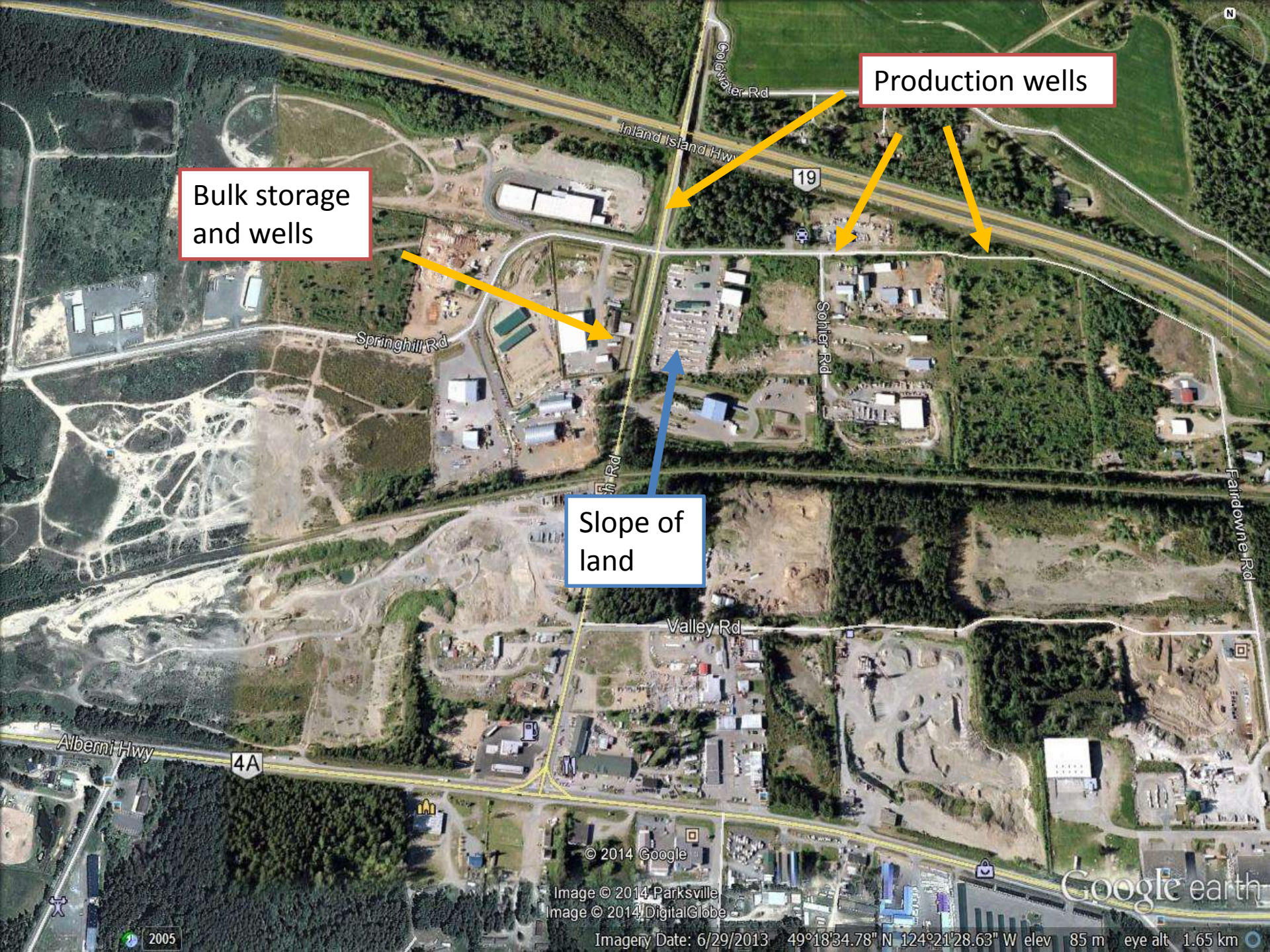
Could groundwater extracted from this area for human consumption cause health problems?



Bulk storage and wells

Production wells

Slope of land



© 2014 Google

Image © 2014 Parksville
Image © 2014 DigitalGlobe

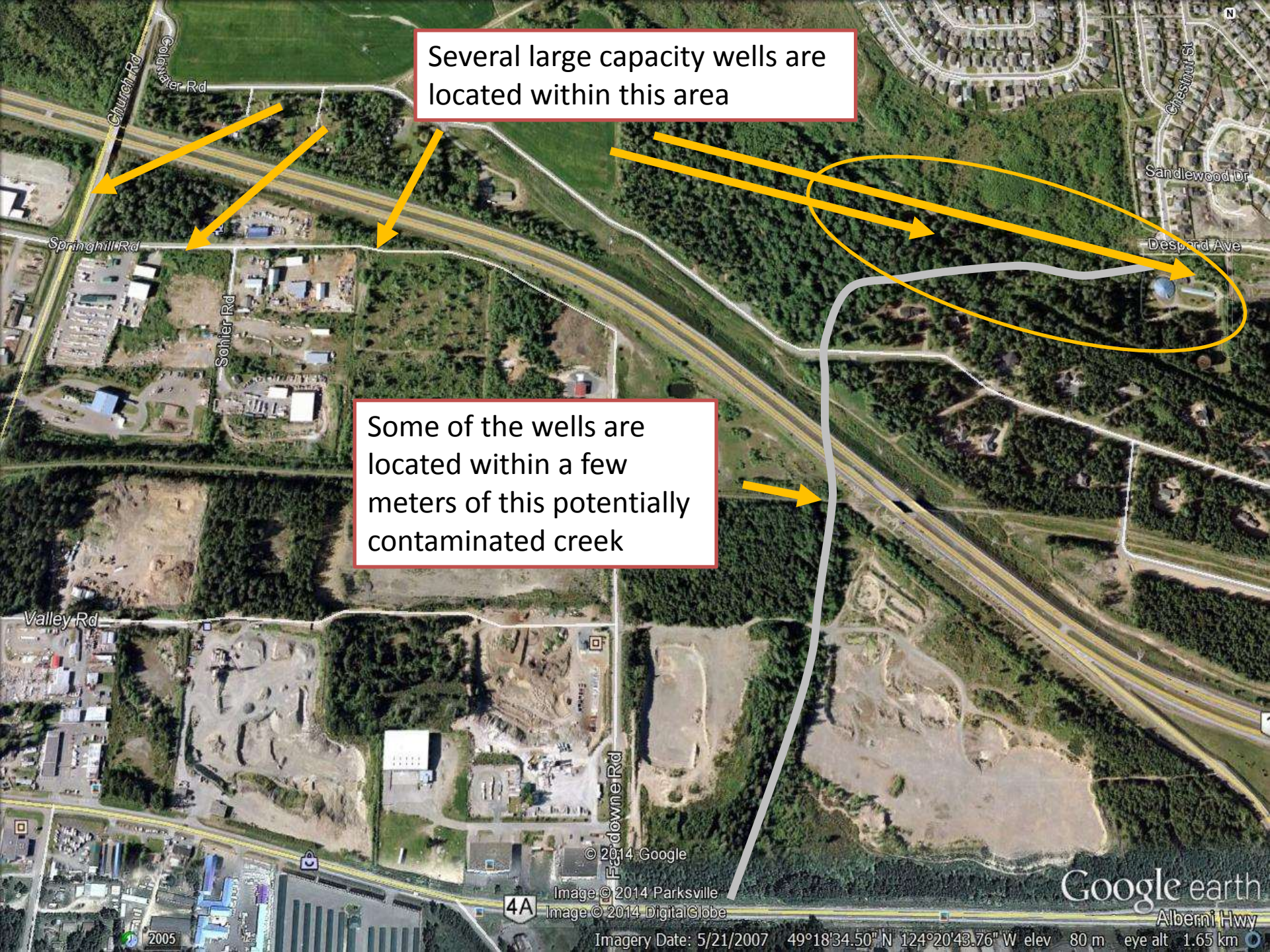
Google earth

Imagery Date: 6/29/2013 49°18'34.78" N 124°21'28.63" W elev 85 m eye alt 1.65 km

2005

Several large capacity wells are located within this area

Some of the wells are located within a few meters of this potentially contaminated creek



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Image © 2014 Parksville

Image © 2014 DigitalGlobe

Google earth

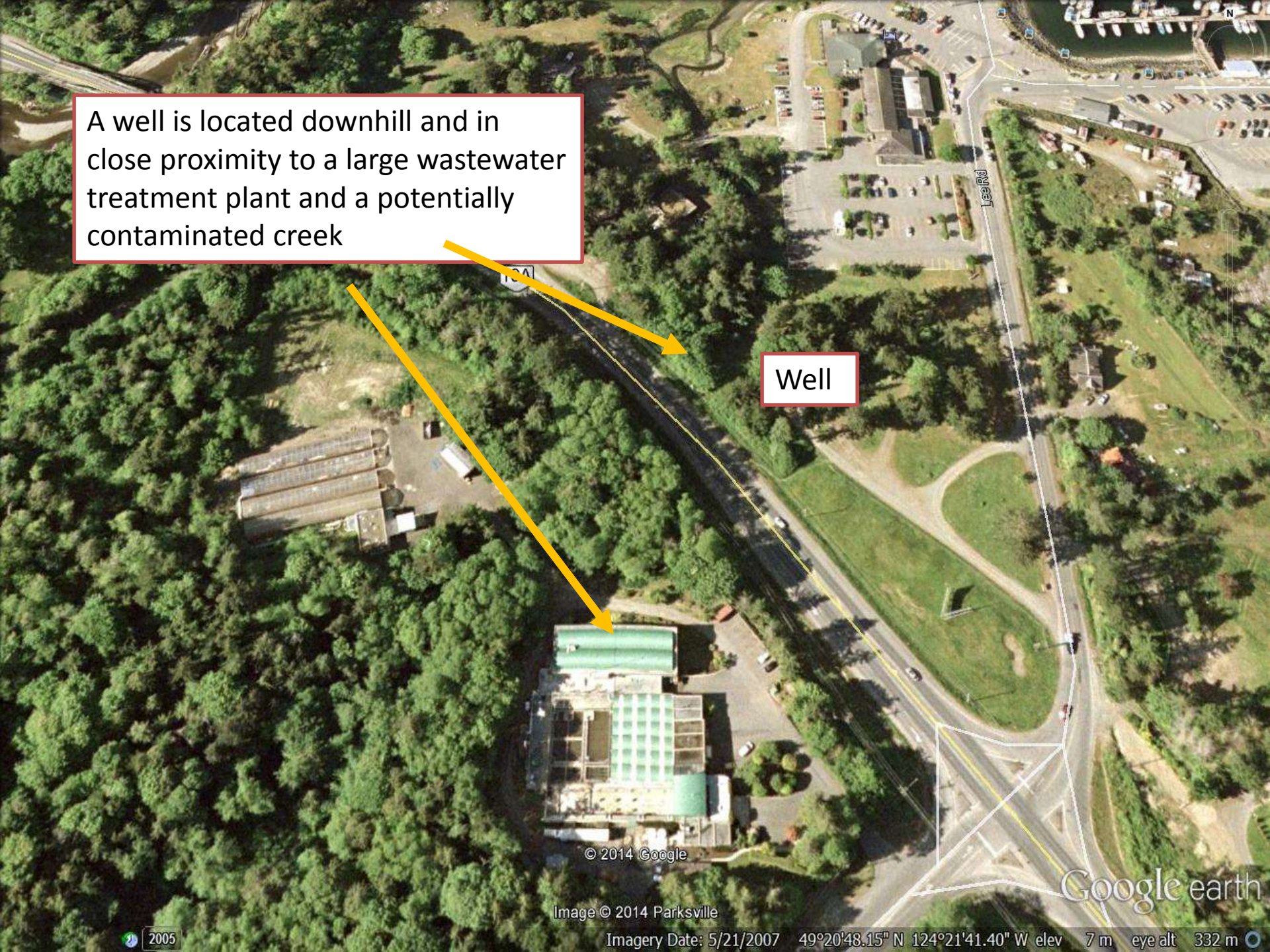
Alberni Hwy

Imagery Date: 5/21/2007 49°18'34.50" N 124°20'43.76" W elev 80 m eye alt 1.65 km

2005

A well is located downhill and in close proximity to a large wastewater treatment plant and a potentially contaminated creek

Well



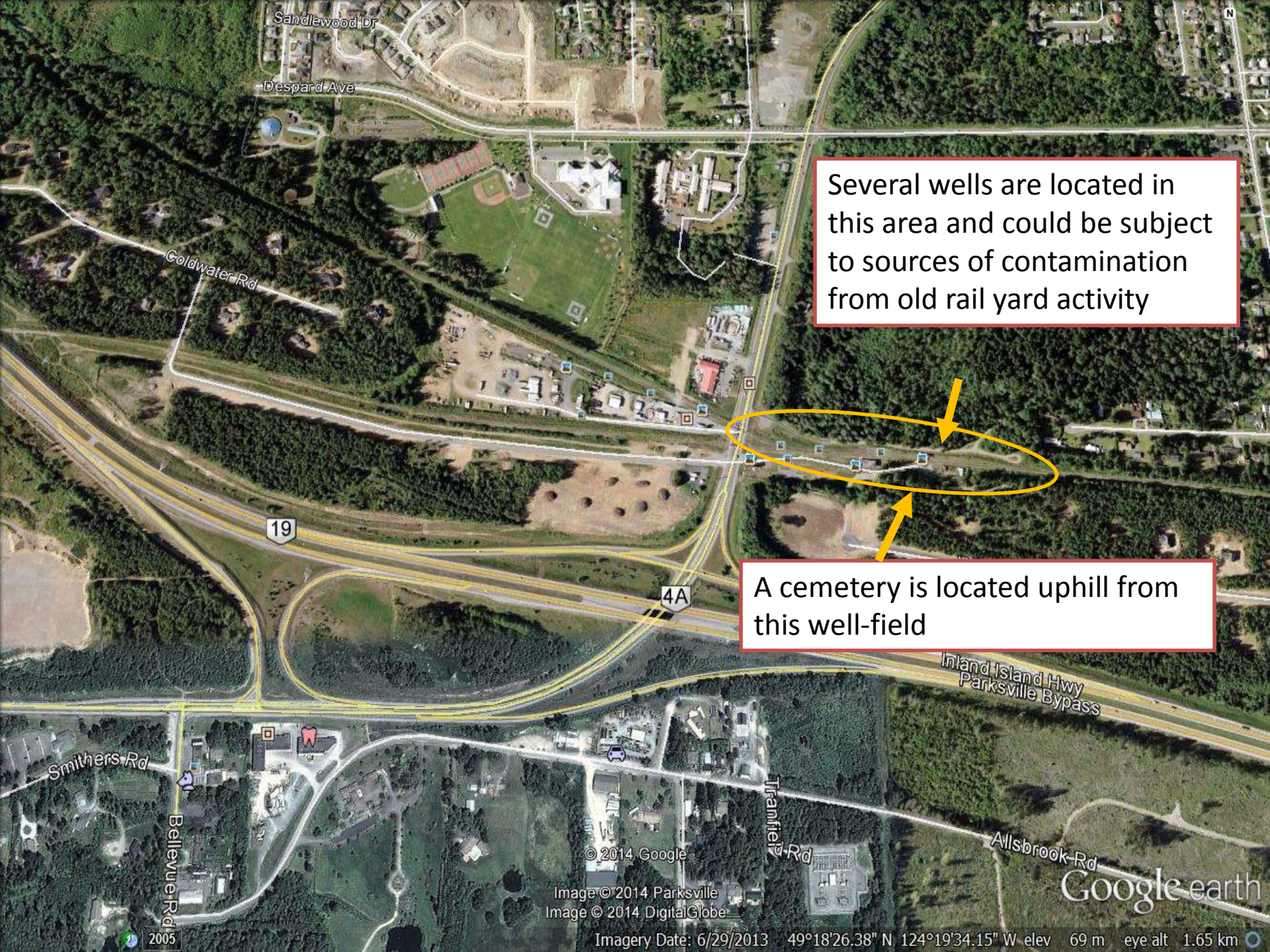
© 2014 Google

Image © 2014 Parksville

Google earth

2005

Imagery Date: 5/21/2007 49°20'48.15" N 124°21'41.40" W elev 7 m eye alt 332 m



Several wells are located in this area and could be subject to sources of contamination from old rail yard activity

A cemetery is located uphill from this well-field



Almost all of the land surface drainage and sanitary wastewater is entering the groundwater aquifer

© 2014 Google

Image © 2014 Parkville

Google earth

2005

Imagery Date: 5/21/2007 49°18'38.88" N 124°21'29.44" W elev 82 m eye alt 359 m

The following pictures are representative of the ground water catchment area



© 2014 Google

Image © 2014 Parksville

Google earth

Schlar Rd

© 2014 Google

Image © 2014 Parksville

Google earth



Drilling well for drinking water



Two wells located in this roadside ditch

For more than thirty five years significant quantities of back-hauling of waste materials has been used to fill abandoned gravel pits



Industrial areas are being developed next to groundwater wells and drinking water storage



Storage of equipment and materials is occurring over a large area





Seepage could recharge groundwater