



September 27th, 2016

VIA: E-mail

Toby Pike, General Manager
South East Kelowna Irrigation District
P.O. Box 28064 RPO East Kelowna
Kelowna, BC V1W 4A6

Dear Mr. Pike:

RE: Condition on Permit #7 Update - Review and Compliance Evaluation

Thank you for meeting with us on August 17, 2016 to discuss the upcoming Interior Health Medical Health Officer Drinking Water Report and your subsequent email of September 11, 2016 requesting support for South East Kelowna Irrigation District's (SEKID) Water Quality Improvement Plan.

The current condition #7 of SEKID's permit to operate states:

“Provide long-term plans for source, treatment and distribution system improvements taking into account the goal of the Drinking Water Treatment Objectives (Microbiological) for Surface and Ground Water Supplies in BC. “

The SEKID Water Quality Improvement Plan has been proposed as the long-term plan for the purposes of Condition #7. I have reviewed the revised financing and implementation schedule for SEKID's Water Quality Improvement Plan along with the following related documents:

- SEKID Water Quality Improvement Study (May 2006) – Mould Engineering,
- The Hydrogeological Evaluation Well Field Capacity Report (Sept 2007) - Golder Associates Ltd.,
- SEKID Water Supply and Treatment Cost/Benefit Review (Nov. 2007) – Associated Engineering,
- SEKID Capital Works Program 2010-2019 (Aug. 2010) – Mould Engineering,
- Pre-Design Report: Domestic Groundwater Supply System (May 2012) – CTQ,
- Correspondence Letter Dated March 28, 2014 – RE: Condition 7 Update and Response to 21/02/2014 Water Supply System Report,
- SEKID Rate Scenarios 2014 (Nov. 2015) – econics,
- Email Correspondence, Dated March 26, 2015 – RE: Condition 7 Update,

The SEKID Water Quality Improvement Plan includes twinning the majority of the system in order to expand the existing groundwater supply for drinking water, and retain the current Hydraulic Creek source for irrigation purposes only. These improvements would be made in two phases and would be self-funded unless additional funding is obtained. The first phase would see improvements to the two most densely populated areas on the system by 2019. However, the remaining rural residents, approximately one third of the population, would continue to be exposed to the vulnerable Hydraulic Creek supply for another 15 years or more.

The timeline for providing full treatment to homes currently served from the Hydraulic Creek source is not consistent with our Interior Health Medical Health Officer's goal that requires all large water supply systems meet BC Drinking Water Treatment Objectives for Surface Water Supplies by 2025. It is recognized that SEKID has an opportunity to access grant funding through the Kelowna Joint Waterworks Committee (KJWC) which would accelerate the projected timelines.

In consideration of the above, I support SEKID's ongoing efforts by recognizing Condition on Permit #7 to be "in progress" contingent on SEKID's continuing participation in the Kelowna Joint Waterworks Committee.

The updated Conditions on Permit letter is attached for your review and comment by **October 28th, 2016**. I will require periodic update for monitoring progress of your efforts at KJWC and determining whether SEKID is able to meet the timelines.

I thank SEKID for the time and efforts to improve the quality of their drinking water. Should there be any further questions or comments regarding this matter please do not hesitate to contact me directly either by phone at 250-549-5725 or via e-mail at gordon.moseley@interiorhealth.ca

Sincerely,



Gordon Moseley, Dip.T., B.Tech., C.P.H.I. (C)
Specialist - Environmental Health Officer

Encl:

- Draft 2015 Conditions on Permit Update,

cc. Dr. Kamran Golmohammadi, MHO, IH
J. Ivor Norlin, Manager - Infrastructure Programs, IH
Dan Bryon, Team Leader – Large Water Program, IH
Wayne Radomske, P.Eng., Public Health Engineer, IH