

NORTH CEDAR IMPROVEMENT DISTRICT

AGENDA FOR THE AUGUST 23, 2016 6:30 P.M.
OPERATIONS COMMITTEE MEETING

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1. CALL TO ORDER	
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North Cedar Improvement District

ADMINISTRATION REPORT

Prepared by: Heather Sarchuk
Date: August 16, 2016
Re: Mr. Kelln and Engineers

At the July 14, 2016 Regular Board meeting, Mr. Kelln stated that he appeared as a delegate to ask the Board to invite him and his engineer to the next operations meeting to explore alternate opportunities for private partnership to construct the Districts water treatment plant in a timely fashion.

The Trustees made the following motion:

Motion #16.252

MOVED by Trustee Hyne SECONDED by Trustee Jean Louis
To schedule an Operations meeting with Mr. Kelln and his engineers. CARRIED

OPPOSED: Trustee Dives
Trustee Murdoch

At the August 11, 2016 Regular Board meeting, Trustee Anderson would be scheduling an Operations Committee meeting and Mr. Kelln would be invited to attend with his engineers.

North Cedar Improvement District

ADMINISTRATION REPORT

Prepared by: Heather Sarchuk

Date: August 16, 2016

Re: Associated Engineering – May Monthly Report

At the June 9, 2016 Regular Board meeting, the Trustees made the following motion:

Motion #16.230

MOVED by Trustee Jean Louis SECONDED by Trustee Hyne

To move report to Operations Committee meeting.

CARRIED

The May report is attached.



**Associated
Engineering**

*GLOBAL PERSPECTIVE.
LOCAL FOCUS.*

Monthly Report

May Project Status Report to North Cedar Improvement District Board

SUBMITTED:	June 1, 2016	File No: 2012.2148.00.E.01.00
AUTHORED BY:	Oleh Dubek, P.Eng. and James Rees, EIT Associated Engineering (B.C.) Ltd.	
SUBJECT:	Current North Cedar Improvement District Projects	

1. General Items

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- a) The Bench Scale Testing program has been completed and the Bench- Scale Treatability Study has been produced, accepted by NCID and submitted to Island Health May 31, 2016. This meets the May 31, 2016 milestone date as listed in the August 13, 2014 Island Health NCID Operating Terms and Conditions letter. In summary the study recommends that a pilot-scale study is not necessary to demonstrate treatment performance. Instead conservative performance specifications accompanied by strong technical evaluation criteria can achieve a similar goal that a pilot test could achieve and is a common approach used for smaller systems and valuable for short design/implementation timelines as is in the case for NCID.
- b) A letter from Island Health dated April 29, 2016 (received May 5, 2016 by NCID) was received that outlined the amended terms and operating conditions for the NCID Operating Permit that appears to be an update of the August 13, 2014 letter. The Operating Conditions in the latest letter under Existing Performance Standards includes and additional statement that has added "3-log removal/inactivation of Giardia cysts and Cryptosporidium oocysts". IH was queried as to this statement since NCID cannot meet this requirement until the new plant is built and operational. After some email exchanges Tim Bilyk stated that the statement is required by them and that they realize that NCID cannot comply until the Water Treatment plant is operational. As long as NCID

continues with the action plan and meeting milestone dates, this will not be an issue.

A second letter was sent by IH dated May 12, 2016 (received May 18, 2016) from Paul Hassleback, the Medical Health Officer with an attachment from Tim Bilyk. The attachment serves as a reminder of the deadlines placed on the NCID water system. **Item A.** of this letter differs from the previous August 13, 2014 version in that it includes Pilot Testing and that the deadline date of March 31, 2015 for a final treatment/disinfection process shall be determined and submitted to IH office. The letter further states that "If this has been completed. Please advise our office that it has been addressed, or if not, then you could advise us as well." IH states that as this time, the system is not in compliance with these terms and conditions of the operating permit. This is not the case as a design brief was submitted June 30, 2015 as agreed upon extension date. We have not replied to IH seek Board approval to reply.

- c) We had proposed to carry out the topographical surveys for both the emergency connection and treatment plant sites in one trip to minimize mobilization and survey costs. However, as the treatment plant site is still outstanding, we have sent our crew out to carry out the topographical survey June 1 and will produce a base drawing for detail design shortly thereafter. The design drawing will be submitted to NCID for review and approval than toe RDN for their acceptance. Once this complete and as stated in our November 24, 2015 letter proposal, we would review construction requirements with Joe Woolls for the installation of the works.

2. New Applications to connect to NCID Water System

- a) We have prepared a fee estimates for preliminary engineering studies for connection to the NCID system for 2905 Barnes Road that will also border Aquarian Place and for Lot B of 1661 Canin Road. The proponents have been advised that they have until July 6, 2016 to deposit the requested funds in order to maintain their position in the application list

- b) *No Change in status since May 2015 Report for the Woobank Subdivision.*

There has been very little word from the Contractor regarding the Woobank subdivision and we have just been advised that they are currently working on a hydro re-design. Once they have resolved the hydro issue, it is their intention to complete all remaining items. This includes finalizing the pressure test, disinfecting the main and bacteriological test and submitting the as built drawings. Once these activities are complete and to our satisfaction, we will be able to issue a Letter of Acceptance of Works.