



TOWN OF LAKE COWICHAN

Public Works and Environmental Services Committee
Tuesday, July 16th, 2019 at 6:00 p.m. – Council Chambers

AGENDA

1. CALL TO ORDER

Page #

INTRODUCTION OF LATE ITEMS (if applicable)

2. APPROVAL OF AGENDA

3. BUSINESS ARISING AND UNFINISHED BUSINESS

(a) Watermain Upgrades for:

(i) Water Treatment Plant – Update.

3

(b) Ongoing Items Still Being Addressed:

(i) CLEC Water System-Update.

(ii) Directional Signage-Update.

4. DELEGATIONS AND REPRESENTATIONS

None.

5. CORRESPONDENCE

None.

6. VERBAL COMMENT FROM THE PUBLIC ON A SUBSEQUENT ITEM ON THE AGENDA–

(maximum 3 minutes per speaker and maximum time allotted 15 minutes)

7. REPORTS

None.

8. NEW BUSINESS

(a) Catalyst re: Planned modifications affecting pump station.

9. NOTICES OF MOTION

10. PUBLIC RELATIONS ITEMS

11. QUESTION PERIOD (maximum 3 minutes per speaker and maximum time allotted 15 minutes)

- Limited to items on the agenda

12. ADJOURNMENT

Please note: Should this meeting end sooner than 7:00 p.m., the next meeting may start no later than 10 minutes after adjournment of this meeting.

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IS INTENTIONALLY
LEFT BLANK*

Joseph Fernandez

From: Gardner, Jennifer (Alison) <Jennifer.Gardner@viha.ca>
Sent: July 8, 2019 1:42 PM
To: 'Swarbrick, Shaun'
Cc: Joseph Fernandez
Subject: RE: Lake Cowichan Water Treatment Plant: Schedule Update to Island Health

Hello All,

On second reading of the existing interim permit, I can see the following wording:

1. This Permit in Force

This Interim Operating Permit remains valid until 30 June 2019, or such time as the coagulation, flocculation and filtration system is brought on-line, at which time the water supply system owner shall request the issuance of an Operating Permit that reflects the additional works, and to establish performance standards for the additional works.

And given this, I don't think updating the interim permit is necessary. I thank you for the written update and new completion timeline provided, however. Please check in periodically to keep us informed of your progress.

Thank you,

J. Alison Gardner CPHI(C) | Environmental Health Officer | Island Health
4th Floor - 238 Government Street | Duncan, British Columbia V9L 1A5 | Canada
☎ 250.737.2010 | Email: jennifer.gardner@viha.ca

From: Swarbrick, Shaun <Shaun.Swarbrick@stantec.com>
Sent: Friday, June 28, 2019 12:00 PM
To: Gardner, Jennifer (Alison) <Jennifer.Gardner@viha.ca>
Cc: Joseph Fernandez (jfernandez@lakecowichan.ca) <jfernandez@lakecowichan.ca>
Subject: RE: Lake Cowichan Water Treatment Plant: Schedule Update to Island Health

Hi Alison,

Do you need anything else from me on this? I am heading to a flight in 2 hours and am gone for 2 weeks.

Cheers

Shaun Swarbrick P.Eng
Associate
Civil Engineer
Direct: 250 389-2545
Mobile: 250 507-5876
Fax: 250 382-0514
Shaun.Swarbrick@stantec.com



Stantec Consulting Ltd.
400-655 Tyee Road, Victoria BC V9A 6X5

June 24, 2019
File: 111720034

Attention: Joseph Fernandez, Chief Administrative Officer

Town of Lake Cowichan,
39 South Shore Road,
Lake Cowichan, BC V0R 2G0

Dear Joseph,

Reference: Lake Cowichan Water Treatment Facility: Project Update for Island Health

In response to recent development in the construction of the Lake Cowichan Water Treatment Facility, the following letter provides an update on the schedule moving forward with a request for extension of the Interim Operating Permit until the end of the calendar year of 2019.

Substantial Completion was granted for the project on 28th February 2019, as Trittech had completed the terms of the original contract and approved change orders in accordance with the BC Builders Lien Act at that time. The addition of pH adjustment was discovered to be required as a result of jar testing during the commissioning period, and since then Stantec has been working on a design for the addition of Soda Ash to the raw water stream to bring pH within acceptable drinking water limits following the addition of flocculation/coagulant chemicals to promote settlement of suspended solids through the filtration tanks. The first design provided by Stantec to Trittech as a Contemplated Change Order (CCO) to the project was to install the pH adjustment equipment at the North Shore Raw Water Pump Station when the chlorine gas is removed – however, the structural and electrical upgrades required for the building to accept the additional equipment meant that the quoted priced exceed the Town's budget. Since that quote was received, Stantec have been working with the Town on a revised design, which now locates the Soda Ash equipment within the new facility in the south east corner of the building, and are awaiting a new quote from Trittech for the works. We are hopeful that this revised design has enough cost savings incorporated within it to bring the cost within the Town's budget.

The Town has also issued a Purchase Order for the supply of the soda ash injection equipment to Velodyne (suppliers), so the procurement of this main piece of equipment is currently underway. We are expecting shop drawings within the next week or two, and then a lead time on delivery of 10—14 weeks, which results in delivery window of the equipment to site of late September to late October.

If you have any questions, please contact the undersigned.

Design with community in mind



June 24, 2019
Joseph Fernandez, Chief Administrative Officer
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Reference: Lake Cowichan Water Treatment Facility: Project Update for Island Health

STANTEC CONSULTING LTD.

A handwritten signature in black ink, appearing to read "S. Swarbrick".

Shaun Swarbrick, P.Eng
Associate
Phone: (250) 389-2545
Shaun.Swarbrick@stantec.com

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