

DISTRICT OF HUDSON'S HOPE

AGENDA

Council Chambers

Monday, January 11, 2016 at 7:00 PM

1. Call to Order:

2. Notice of New Business:

Mayor's List

Councillors Additions

CAO's Additions

3. Adoption of Agenda by Consensus:

4. Declaration of Conflict of Interest:

5. Adoption of Minutes:

M1 December 14th, 2015 Regular Council Meeting Minutes

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6. Business Arising Out of the Minutes:

7. Delegations:

D1 Hudson's Hope New Horizon's Club

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8. Staff Reports:

SR1 Lagoon product testing facility

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SR2 CAO Actions and Updates

Page 22

9. Bylaws:

B1 Fees and Charges Amendment Bylaw No. 857, 2015

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B2 Business License Amendment Bylaw No. 859, 2015

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10. Correspondence

C1 NH-Collaboration leads to success; partnered approaches recognized at latest Northern Health board meeting

Page 29

C2 Coastal GasLink Pipeline Project Activity Update #36 Dec 2015-Jan 2016

Page 31

C3 SeniorsBC.ca – Message from Parliamentary Secretary Darryl Plecas

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C4 TransCanada – Proposed Towerbirch Expansion Project Update

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C5 High on Ice Festival 2016 – Mayor's Ice Carving Challenge

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C6 Ministry of Children and Family Development Letter

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C7 Ministry of Environment – Spill Response

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C8	Hudson's Hope Healthcare & Housing Society Letter of thanks	Page 42
C9	NDIT – 2015 Grant Writing Support Program	Page 43
C10	PRGT Project Activity Update #31	Page 44
C11	NH – Northern Health's first baby of 2016 born in Prince George	Page 50
C12	Tse'K'wa Heritage Society – Dinosaur Tracks	Page 51
C13	BC Hydro-Site C Business-to-Business Networking Sessions and Job Fairs Coming to Northern Communities	Page 54

11. Reports by Mayor & Council on Meetings and Liaison Responsibilities

CR1	Volunteer of the Year award expanded to add a Youth Award.	Page 56
CR2	Recreation Needs Assessment Survey Report	Page 57
CR3	Rebate of \$50 per household (up to 2 max) for the purpose of encouraging citizens to plant trees in the Community.	Page 59
CR4	Seismic shift: Falling behind on fracking.	Page 60
CR5	Summary of Recent Interaction with Northern Health	Page 65

12. Old Business:

13. New Business:

14. Public Inquiries:

15. Adjournment:



REGULAR COUNCIL MEETING
December 14, 2015
7:00 P.M.
MUNICIPAL HALL COUNCIL CHAMBERS

Present: **Council:** Mayor Gwen Johansson
Councillor Caroline Beam
Councillor Nicole Gilliss
Councillor Dave Heiberg
Councillor Kelly Miller
Councillor Heather Middleton

Staff: CAO, Tom Matus
Director of Protective Services, Robert Norton
Deputy Clerk, Dwylla Moraice Budalich

Absent: Councillor Travous Quibell
Foreman of Public Works, Layton Bressers

Other: 0 in gallery

1. **CALL TO ORDER:**
The meeting called to order at 7:03 p.m. with Mayor Johansson presiding.
2. **NOTICE OF NEW BUSINESS:**

Mayors Additions: PRRD Meeting update
Councillors Additions: None
Staff Additions: None
3. **ADOPTION OF AGENDA BY CONSENSUS:**
The November 23, 2015 Regular Council meeting agenda was adopted by consensus.
4. **DECLARATION OF CONFLICT OF INTEREST:**
Councillor Gilliss declared a conflict of interest with the Staff Report on the Bulletin Advertising.
5. **ADOPTION OF MINUTES:**

M1 **November 9, 2015 Regular Council Meeting Minutes**
RESOLUTION NO. 184
M/S Councillors Heiberg/Gilliss
THAT:
"The minutes of the November 9, 2015 Regular Council Meeting be adopted as amended."
CARRIED

0550-01

MI

- M2 **November 23, 2015 Regular Council Meeting Minutes** 0550-01
RESOLUTION NO. 185
M/S Councillors Gilliss/Middleton
THAT:
"The minutes of the November 23, 2015 Regular Council Meeting be adopted as amended."
CARRIED
6. **BUSINESS ARISING OUT OF THE MINUTES:**
- BA1 **BA3-PRGT** – Councillor Miller to follow up with Rebecca McElhoes to see about ways PRGT can help community projects. 6660-20
- BA2 **Radio Station** - What is the latest on the Radio Station? What is needing to be done? Councillor Quibell has had contact with Astral Media. **Staff to follow up.** 1275-01
- BA3 **C9 BCH-Agriculture Monitoring and Follow-up Program** 6660-20
- Feel good slush fund
 - Effects Electoral Areas B, C and Hudson's Hope
 - \$20 million should go back into the area most affected.
- BA4 **SR5 Zamboni Purchase/Ice Re-surface Purchase** 1280-20
- Arrived on Friday, December 11th
 - Vimar representative will be up to do training for the Staff on how to operate the new Zamboni on Thursday, December 17th
7. **DELEGATION: None**
8. **STAFF REPORTS:**
- SR1 **Electronic Cigarettes** 3900-02
RESOLUTION NO. 186
M/S Councillors Heiberg/Middleton
THAT:
"Council adopt, by resolution the Amended Tobacco Free Zones Policy:

That Council appoint, by resolution, a Standing Committee to review and recommend bylaws to Council; and

That Council direct the Bylaw Committee to review and recommend a Public Places Bylaw for Council adoption."
CARRIED

Councillor Middleton volunteered to chair the Standing Committee and request other Council member to participate when needed.
- SR2 **Christmas/New Year's Office Closure** 0110-01
RESOLUTION NO. 187
M/S Councillors Heiberg/Miller
THAT:

"Council authorize the municipal operations to close at noon hour on December 24 and December 31, 2015."

CARRIED

- SR3 **Protective Services Update** 7010-01
Back-up Generators
- Is gas running generator okay? – best option
 - Can run on propane as a back up to gas if not working.
 - We are ok for water and electricity now – what about communication? –
Telus tower about 7 hrs
- SR4 **CAO, Action and other Updates** 0110-01
FOR INFORMATION
- SR5 **Elizabeth Creek Boat Launch – Consent to do Work** 1660
RESOLUTION NO. 188
M/S Councillors Middleton/Heiberg
THAT:
"Council gives consent to ECOFOR to use the Elizabeth Creek Boat Launch for a light weight truck to access the water in the reservoir. This would be for the period of 2016 to 2018 inclusively and it is requested that the site be returned to as good or better condition."
CARRIED
9. **Bylaw:**
- B1 **Cemeteries Management Amendment Bylaw No. 851, 2015** 3900-01
RESOLUTION NO. 189
M/S Councillors Gilliss/Middleton
THAT:
"Council adopt the Cemeteries Management Amendment Bylaw No. 851, 2015."
CARRIED
- B2 **Crown Grant Offer OCP Amendment: New Light Industrial Zone** 3900-01
RESOLUTION NO. 190
M/S Councillors Heiberg/Miller
THAT:
"Council approve 1st Reading of the Official Community Plan Amending OCP Bylaw 854, 2015 to Amend OCP Bylaw 822, 2013."

And

RESOLUTION NO. 191
M/S Councillors Gilliss/Beam
THAT:
"Council appoint staff to schedule a Public Hearing on January 12th at the Community Hall for the Official Community Plan Bylaw, and a Public Hearing to be held on January 25th between 1st and 3rd Readings."
CARRIED

*Councillor Miller leaves 7:46 and returns @7:48
Councillor Middleton leaves 7:46 and returns @ 7:47*

- B3 **Crown Grant Offer Zoning Amendment: New Light Industrial Zone** 3900-01
RESOLUTION NO. 192
M/S Councillors Heiberg/Gilliss
THAT:
"Council approve 1st Reading of the Zoning Plan Amending the OCP Bylaw 855, 2015 to Amend Zoning Bylaw 823, 2013."

And

RESOLUTION NO. 193
M/S Councillors Gilliss/Beam
THAT:
"Council appoint staff to schedule a Public Hearing on January 12th at the Community Hall for the Zoning Bylaw, and a Public Hearing to be held on January 25th between 1st and 3rd Readings."
CARRIED
- B4 **Amended Fees and Charges Bylaw No. 856, 2015** 3900-01
RESOLUTION NO. 194
M/S Councillors Beam/Gilliss
THAT:
"Council adopt the Amended Fees and Charges Bylaw No. 856, 2015."
CARRIED
- Councillor Gilliss leaves the meeting @ 7:49pm.*
- B5 **Fees and Charges Amendment Bylaw No. 857, 2015** 3900-01
RESOLUTION NO. 195
M/S Councillors Gilliss/Beam
THAT:
"Council approves Option 3 for the Bulletin Advertising fees."
CARRIED
- And

RESOLUTION NO. 196
M/S Councillors Middleton/Miller
THAT:
"Council give first, second and third reading for the District of Hudson's Hope Fees and Charges Amendment Bylaw No. 857, 2015 with Option 3 for Bulletin Advertising being inserted into Schedule A."
CARRIED
- B6 **Business License Bylaw No. 859, 2015** 3900-01
RESOLUTION NO. 197
M/S Councillors Miller/Middleton
THAT:
"Council give first, second and third reading of the District of Hudson's Hope Business License Amendment Bylaw No. 859, 2015."
CARRIED

Councillor Gilliss leaves @ 7:56 and returns @ 7:58

10. **CORRESPONDENCE:**
- C1 **Selina's Update from Victoria-AGLG/DNA/etc.** 0400-20
FOR INFORMATION
- C2 **Coastal GasLink Pipeline Project Update #35** 6660-20
FOR INFORMATION
- C3 **Threatened Closure of Telepharmacy in Hudson's Hope** 0400-80
 - Good Letter – nice options
 - Continue on this – keep monitoring
- C4 **Progress update on palaeontological project proposal** 0400-20
 - Mayor to write letter to Mr. McCrea to come and do a presentation for Council
 - Also ask about volunteers – are there requirements for the volunteers?
 - Does he need volunteers from the community?
 - Councillor Middleton and Heiberg interested in volunteering
 - Cement barriers – district may be able to supply some barriers?
- C5 **NH-'Connecting' health care services through innovative access: Northern Health Connections** 0400-80
FOR INFORMATION
- C6 **Williston Lake Track Site** 0400-20
FOR INFORMATION
- C7 **BCH – News Release Site C civil work contract to create thousands of construction jobs, business opportunities for B.C.** 6660-20
FOR INFORMATION
- C8 **NH-Northern Health marks World AIDS Day 2015 by building on past success** 0400-80
FOR INFORMATION
- C9 **NCLGA Call for Resolutions, Nomination & AGM Bids** 0400-01
 - To be held in Dawson Creek next year
 - Resolutions need to be in by March 1st
 - Need ideas for what we would like to see
 - Telepharmacy
- C10 **District of Kent-Downloading of DNA Analysis Costs** 0400-80
FOR INFORMATION
- C11 **NH-Warning about Northern Health staff impersonators** 0400-80
FOR INFORMATION
- C12 **Discussion re: Hudson's Hope Re: BCAS** 7100-01
 - Mayor to write a letter to BCAS and invite for a meeting with council
 - Include an invite to the local staff
- C13 **Tree Canada-BC Hydro Project # BC Hydro 15-13** 1855-01
 - Mayor to write a thank you letter to Tree Canada for being one of the recipients for 2015

- Mayor to write a letter to BC Hydro for the support on the Tree Canada project for 2015
 - Staff to link treecanada.ca to our webpage and LIKE US/share Tree Canada Facebook page
- C14 **British Columbia Community Achievement Awards** 0290-01
- Staff to include in January Bulletin
- C15 **Written Hearing: BC Hydro's Response to objections to BC Hydro's Application for Water Licence and Permit over Crown Land for Site C Clean Energy Project on Peace River** 6660-20
- Make sure and collect base line data
 - Are we collecting at the right place?
 - Where are we collecting samples?
 - What data & where are we storing the data?
 - Experts telling us sediment
 - Wind from North, back eddies could be a concern
 - Talk to David Tamblyn of NH to see where we should be collecting water samples
- Staff to report back to Council
- Staff to check to see if we do raw water testing
- C16 **Transit Funding Concerns in the District of Squamish** 0400-01
- FOR INFORMATION
- C17 **NH-Northern Health Connections annual schedule changes during holiday season** 0400-80
- FOR INFORMATION
- C18 **Risk Management Grant Certificate of Award** 1855-01
- Ideas for what to use the grant money for?
 - In the past purchased helmets for the arena
 - Any safety equipment needed?
- C19 **Role of Partnership Committee in boundary Extensions and Tax Rate Limits** 6660-20
- Input for Partnership Committee
 - What is the role of the committee?
 - Decide to do nothing at this point – revisit if something comes up that is directly related to HH
11. **REPORTS BY MAYOR & COUNCIL ON MEETINGS AND LIAISONS RESPONSIBILITIES:**
- CR1 **Light Industrial Housing Committee-meeting minutes update November 26th & December 7th meetings** 0540-01
- Good meeting with MOTI
 - Willingness to work together
 - Committee to follow up
- CR2 **North Peace Airport Society updates from meeting** 0540-01
- FOR INFORMATION

- CR3 **BC Hydro Agriculture Mitigation Consultation Meeting report and meeting with School District #60** 6660-20
FOR INFORMATION
- CR4 **NEBC Resource Municipalities Coalition Upstream Update Forum November 26th** 0540-01
FOR INFORMATION
- CR5 **PRRD Meeting December 11th** 0400-50
- Art Council – now including Museums
 - LGA – new amendments
 - Seal not being used – sealing of originals (need to use)
 - Wanting to design seal for digital documents

12. **OLD BUSINESS:**

13. **NEW BUSINESS:**

- NB1 **Medical Services**
- Is there a Medical Services meeting scheduled for anytime soon?
 - Staff to pick 2 days in January and send request to Council
 - Talk to BCH – D. Thompson regarding doctor – asking if BCH willing to contribute
 - Talk of Nurse Practitioner
 - Angela DeSmit, NH – said NH is advertising for a Doctor
 - NH contribution no changing
 - Get Housing Committee on Medical Services Committee
 - Think about incentive packages

14. **ADJOURNMENT:**
Mayor Johansson declared the meeting adjourned (9:12 p.m.)

Diarized

DIARY

Conventions/Conferences/Holidays

DY1	<i>PRRD: Solid Waste Disposal</i>	<i>05/12/14</i>
DY2	<i>Airport Resurface and Redevelopment</i>	<i>05/12/14</i>
DY3	<i>Co-Op Correspondence Re: Card Lock</i>	<i>11/12/13</i>
DY4	<i>Capital Projects Meeting (every 6 months)</i>	<i>10/14/14</i>
DY5	<i>Financial Assistance Grant Policy</i>	<i>03/09/15</i>
DY6	<i>Special Events Contract</i>	<i>05/01/15</i>
DY8	<i>2016 Budget Meetings to start in February</i>	<i>05/11/15</i>
DY9	<i>Wood & Tent Policy Changes</i>	<i>07/13/15</i>
DY10	<i>Youth Volunteer of the Year</i>	<i>08/10/15</i>
DY11	<i>Community Rebate – Plant a Tree</i>	<i>08/10/15</i>
DY12	<i>Bylaw 588 to be looked at after Bylaw 852 adopted</i>	<i>09/14/15</i>
DY13	<i>Policy for Ice – Putting in and taking out</i>	<i>09/14/15</i>
DY14	<i>Clean up of Moraine – spring reminder</i>	<i>11/23/15</i>
DY15	<i>Building Bylaw – add new construction requirements</i>	<i>11/23/15</i>

Certified Correct:

CAO/Tom Matus

Chair/Mayor Gwen Johansson



DISTRICT OF HUDSON'S HOPE

Delegation to Council Request Form

Name of person or group wishing to appear before Council: Terry Turvey
Hudson's Hope New Horizons Club

Subject of presentation: Lease Agreement to:
#58 Rent Insurance Clause

Purpose of presentation:

<input type="checkbox"/>	information only
<input type="checkbox"/>	requesting a letter of support
<input type="checkbox"/>	requesting funding
<input checked="" type="checkbox"/>	other (provide details)

want the clause either removed or
worded to make the DOHH responsible
for Property Insurance

Contact person (if different than above): _____

Telephone number: 250-783-1150

Email address: terryturvey@hotmail.com

Will you be providing supporting documentation? ☒ Yes ☐ No

If yes:

<input checked="" type="checkbox"/>	handouts at meeting
<input type="checkbox"/>	publication in agenda (one original due by 4:30 the Wednesday prior to your appearance date)

Technical requirements:

<input type="checkbox"/>	flip chart
<input type="checkbox"/>	multimedia projector
<input type="checkbox"/>	laptop
<input type="checkbox"/>	other _____

Rules for Delegations:

1. fifteen minute maximum
2. name of person and or group and subject will be published in agenda (available to public and on internet)
3. direct your presentation to Council
4. Council may have questions
5. be courteous and polite
6. be respectful
7. is not a debate
8. don't expect an immediate answer
9. may not be on date requested as limit of three delegations per meeting on a first come, first served basis
10. bring enough handouts if your material is not published in agenda (the District will not provide reproduction services)

Helpful Suggestions:

- have a purpose
- get right to your point and make it
- be concise
- be prepared
- don't waste time
- state your request if any
- multiple-person presentations are still ten minutes maximum
- may be people in gallery who support or oppose you
- the Recording Secretary may ask for any relevant notes from you if not handed out or published in the agenda

I understand and agree to these rules for delegations

Name of Delegate or Representative of Group

Signature

Date

For Office Use

☒ Approved

☐ Rejected

By (signature):

☐ Mayor

☒ CAO

Appearance date if applicable:

Applicant informed of approval/rejection on (date):

By (signature)

Date:

REQUEST FOR DECISION

RFD#:	Date: January 11, 2016
Meeting#: CM011116	Originator: Tom Matus, CAO
RFD TITLE: Lagoon product testing facility	

BACKGROUND:

In regard to truck waste receiving at our lagoon and the upgrade to it, we have received a report, attached, from Urban Systems that provides four options for this testing facility.

DISCUSSION:

Some comments from Eric Sears of Urban Systems:

"Options 1 would provide the lowest levels of protection and Option 4 the highest. I think that for the District, Option 4 is probably overkill - it would essentially be a smaller treatment plant before the actual treatment plant. The operations and maintenance of something like this would also be fairly complicated.

Option 2 and Option 3 are both great options and will provide a level of protection that you need. Option 2 would be an automated situation where online analyzers would detect a bad load and divert it to a holding tank. This is pretty simple and easy. If you do want a full time attendant at the plant we would suggest removing the online analyzers and the attendant would test the loads. Having an automated system and a full time attendant is a bit unnecessary as there wouldn't be much for the attendant to do. Having the online analyzers and having the guys keep an eye on the place (rather than have someone there full time) might be a good solution and you wouldn't need to hire someone."

I have discussed the options in detail with Eric:

Option 1 is included in the grant (\$590,000) so would not incur any budget increase.

Option 2a with the concrete storage tank with a total cost of \$720,000 - \$590,000 = \$170,000 increase but possibly no increase to the budget as Eric states a 25% contingency was included in the grant. This is the preferred option, and cheapest.

BUDGET:

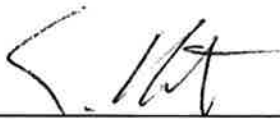
No final determination, as Eric states: "Once we confirm the trucked waste needs and the other design details we can provide an overall project budget update to you."

OK

RECOMMENDATION / RESOLUTION:

That:

Council recommend that the preferred Option to take is 2a, and that Urban Systems provide us with an overall project budget, for consideration.

A handwritten signature in black ink, appearing to read 'Tom Matus', is written over a horizontal line.

Tom Matus, CAO

Tom Matus

From: Eric Sears <ESears@urbansystems.ca>
Sent: December-22-15 3:11 PM
To: Tom Matus
Cc: Peter Coxon; Travis Pahl; Layton Bressers
Subject: Trucked Waste Options
Attachments: 2015-12-03-MEM-Trucked Waste Receiving Facility Options Brief.pdf

Good afternoon Tom,

Attached is a memo that we have put together regarding the options for the Trucked Waste Receiving portion of the plant upgrades. Please take a look and let me know what you think. Basically we have highlighted 4 options with varying levels of cost.

Options 1 would provide the lowest levels of protection and Option 4 the highest. I think that for the District, Option 4 is probably overkill. It would essentially be a smaller treatment plant before the actual treatment plant. The operations and maintenance of something like this would also be fairly complicated.

I think Option 2 and Option 3 are both great options and will provide a level of protection that you need. Option 2 would be an automated situation where online analyzers would detect a bad load and divert it to a holding tank. This is pretty simple and easy. If you do want a full time attendant at the plant we would suggest removing the online analyzers and the attendant would test the loads. Having an automated system and a full time attendant is a bit unnecessary as there wouldn't be much for the attendant to do. Having the online analyzers and having the guys keep an eye on the place (rather than have someone there full time) might be a good solution and you wouldn't need to hire someone.

One thing that would be good to confirm is the level of certification the guys have. Do you have a dedicated operator? And do you know what his certification level is? Once thing the feds are going to want to know before providing all the grant funding is that you have your operator certification squared away.

Please give this some thought and let me know what you think. I understand that council may want to have a say in this so let me know if we can get you any other info or clarification on any of the options.

Just a reminder that I am going to be taking a bit of time off in January but I will have my email. If you can't get in touch with me you can always call or email Peter.

Hope you and the family have a happy holidays.

Regards,

Eric

Eric Sears, P.Eng.

URBAN
systems

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C: 250 793 2947
esears@urbansystems.ca
urbansystems.ca

Tom Matus

From: Eric Sears <ESears@urbansystems.ca>
Sent: January-06-16 8:58 AM
To: Tom Matus
Cc: Peter Coxon; Travis Pahl
Subject: RE: Trucked Waste Options

These costs can be shared with council.

Just to summarize the costs of \$590,000 (Option 1) was included in the grant so the increase for option 2, 3 or 4 would be over and above that. However, there is a 25% contingency included in the total project so It doesn't necessarily mean going with option 2 would mean a budget overrun;. It would just reduce the contingency on the project.

Once we confirm the trucked waste needs and the other design details we can provide an overall project budget update to you.

We are still waiting on the results from the drilling. There is a bit of concern with the historical breakout of water down the bank from the plant. It does however sound like there were some samples that can be looked at to see if the breakout is a spring or effluent from the plant.

Let us know if you need anything more to share with Council.

Eric.

-----Original Message-----

From: Tom Matus [mailto:cao@hudsonshope.ca]
Sent: January-06-16 8:47 AM
To: Eric Sears
Subject: RE: Trucked Waste Options

Hi,

Yes, I will need to discuss this with Council. I suspect after that we would get more definitive costs? Or is this the cost I can tell Council?

Tom Matus, CAO

-----Original Message-----

From: Eric Sears [mailto:ESears@urbansystems.ca]
Sent: Wednesday, January 06, 2016 8:18 AM
To: Tom Matus <cao@hudsonshope.ca>
Cc: Layton Bressers <foreman@hudsonshope.ca>; Travis Pahl <TPahl@urbansystems.ca>; Peter Coxon <PCOXON@urbansystems.ca>
Subject: RE: Trucked Waste Options

Hi Tom,

Sorry, I missed this email on the 24th.

MEMORANDUM

Date: December 18, 2015
To: Tom Matus, Chief Administrative Officer
From: Travis Pahl, Eric Sears
File: 0664.0039.02
Subject: Trucked Waste Receiving Facility Options Brief

Background Information

The District of Hudson's Hope is interested in constructing a trucked waste receiving facility (TWRF) as part of the Wastewater Treatment Plant (WWTP) upgrades. The TWRF would service residents on seepage systems and proposed work camps in the area. The purpose of this memo is to provide the District with an overview the potential impact of trucked waste on the treatment plant as well as four options with varying levels of service for the TWRF.

Trucked Waste and Risk Mitigation

Trucked waste most commonly consists of seepage or holding tank sewage. The term seepage is used in this memo to describe the more concentrated trucked waste from septic tank pump outs. The term holding tank waste is used to describe waste that is essentially raw sewage stored for a shorter time frame in holding tanks at work camps or homes. While trucked waste is generally stronger than municipal sewage, the load from District residents on seepage systems was accounted for as part of the design criteria for the new plant.

Based on the predesign report, there are approximately 300 houses in the District on seepage systems. Due to the District's large surrounding rural area, there is also potential for other users outside the District to make use of a TWRF. Due to numerous potential sources, the trucked waste could be of varying quality and quantity. For example, there is the potential for a +/-800 person work camp near the District that is interested in utilizing the District's WWTP to dispose of holding tank waste.

The options presented in this memo focus on addressing two risks.

1. A load could contain hazardous materials and negatively impact the treatment process depending on the waste dumped. However, one of the benefits of the selected aerated lagoons is process stability. The large lagoon volume is able to handle a certain level of process upset because the lagoons will dilute potential contaminants. This risk can be addressed by testing and diverting loads as necessary or by educating trucked waste haulers on facility requirements.
2. Higher organic and solids loading from seepage amounts above the loading accounted for in the District. This added loading could reduce the performance of the WWTP and increase maintenance requirements. This could result in more frequent maintenance intervals for rapid infiltration basins or desludging of lagoons. If the District desires to take larger or stronger loads from surrounding areas, the TWRF and WWTP can be designed accordingly at a premium capital cost.

MEMORANDUM

Date: December 18, 2015
File: 0664.0039.02
Subject: Trucked Waste Receiving Facility Options Brief
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These risks can be mitigated with education of the truck waste haulers and incorporating appropriate design features depending on the desired level of service to be provided, as outlined below.

An important tool for mitigating risks from trucked waste disposal is educating haulers on facility disposal requirements. Other TWRF in the region have had success with educating haulers and enforcing facility disposal requirements. Haulers are less likely to dump loads containing undesirable materials if it could result in fines, higher costs or being denied further use the facility. The FOB or key code system outlined in the predesign report could be used to track haulers that are dumping loads that do not meet disposal criteria. The tracking system will provide the District with a tool to enforce facility disposal requirements. By enforcing trucked waste quality limits haulers will need to be more aware of what their loads contain to ensure they meet the facility requirements. With other facilities in the region we have found that haulers are careful with the loads they dump as they do not want to risk being fined or banned from the facility.

Servicing Options

There are several design features that can reduce the risks of trucked waste to the WWTP. Four options are reviewed with order of magnitude costs to provide the District with context for decision making on the level of service desired for the system. It should be noted that the funding request to the Building Canada fund only included the basic level of service option in the cost estimates. It would be expected that if the District wants a greater level of service the costs would need to be borne by: the user's fees of the facility, The District, or a third party contributor.

Option 1: Basic Level of Service

The basic level of service is the system described in the pre-design study. This would be an un-manned facility where Haulers would swipe a fob key to open an automated valve that allows septage to be dumped upstream of the headworks screen where it would mix with the incoming forcemain flows from the District. The septage line would include a rock trap, flow meter and a system for billing.

Load testing in this option would be anticipated to be periodic spot checks performed by District staff on the loads being dumped.

The project capital cost for the headworks and TWRF with this level of service is approximately \$590,000 including engineering and contingency.

The pros and cons of this option are:

Pros:

- Lowest capital cost,
- No full time operator required; and
- Can correlate any plant issues with haulers through FOB or keypad system.

MEMORANDUM

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Cons:

- No immediate protection from unidentified hazardous loads;
- Lowest control over discharged waste; and
- Least ability to monitor and enforce facility requirements on load contents which would be based on periodic spot checks by District Staff.

Option 2: Automated Flow Diversion

Option 2 would be similar to the basic level of service but with added instrumentation and a diversion valve. This would provide the District with a tool to identify potentially troublesome loads and divert them to a holding area. Loads would be screened with in-line instruments (conductivity, pH and hydrocarbon analysers) to detect a load with potentially harmful contents. When a load is out of compliance, a three way valve would divert flow to a holding tank for temporary storage and further testing. At this point an alarm would be sent out to District Staff and the carrier would be required to remove their load from holding area to treat and dispose of the load accordingly. Two options were identified for holding including a concrete tank or a retrofit of the existing Cell 3 (the smaller cell south of the current lagoon).

The project capital cost for the headworks and TWRP with automated diversion to temporary holding is approximately \$720,000-\$765,000 including engineering and contingency. The increased price includes:

- A 3-way plug valve with electric actuator instead of automated gate valve; and
- In-line pH, conductivity, and hydrocarbon sensors.
- Trucked waste holding:
 - Installation of a concrete holding tank;
 - 40 m³ of storage; and
 - \$74,000 capital cost., for total option cost of \$720,000

Or

- Sludge removal, regrading and lining of Cell 3;
 - 5,000 m³ of storage; and
 - \$112,000 capital cost, for total cost of \$765,000

The pros and cons of this option are:

Pros:

- Increased protection from hazardous loads;
- No full time operator required; and
- Identifies haulers attempting to dump loads that do not meet facility requirements.

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Cons:

- Mid to high capital cost.

Option 3: Fully Supervised TWRF

The third option is to have a fully supervised TWRF. An operator would be on site at the TWRF during business hours to test and accept or reject loads as required.

The project capital cost for the fully supervised headworks and TWRF is approximately \$715,000 including engineering and contingency. The increased price over option 2 includes:

- A larger building to contain a lab and office;
- An allowance for lab equipment and office furniture; and
- The online analyzers and flow diversion would be removed and the attendant would be responsible for load testing.

In addition to this, there would be an added \$125,000 (estimated) per year operating cost for a full time operator. Assuming the TWRF is open 5 days a week, 8 hours per day and an operator cost of \$60 per hour.

The pros and cons of this option are:

Pros:

- Highest level of protection from hazardous loads; and
- Identifies haulers attempting to dump that do not meet facility requirements.

Cons:

- Mid to high capital cost; and
- Higher operating cost.

Option 4: Solids Handling Facility

The proposed system is sized to handle septage from un-sewered lots in the District and a certain amount of septage from camps or other haulers. Loading could exceed the design allowance if the District would like to accept septage from surrounding communities or work camps at the facility. The fourth option would improve the WWTP capacity to handle higher solids (sludge) and biological loading from septage by adding Cell 3 to the treatment process of the TWRF.

This option would be more capital intensive and only required if the District is interested in the WWTP and TWRF being able to handle additional loading from surrounding communities in addition to larger work camps with septage systems. It should be noted that currently the PRRD is upgrading the Charlie Lake TWRF and the District of Chetwynd is also upgrading their TWRF, so it would be expected that the District will only see septage being brought to the facility from the immediate area.

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In this option, all septage would be diverted to Cell 3 for treatment, which would help reduce the added biological and solids loading of septage on the main WWTP. A mixing system and centrifuge would be installed to clear solids from Cell 3 as required. This feature would reduce maintenance intervals for the RI basins and desludging of the lagoons. It is also worthy to note that work camp trucked waste may be from holding tanks, which are not as highly concentrated as septage.

The project capital cost for a TWRF with added solids handling and biological treatment capacity is approximately \$1,560,000 including engineering and contingency. The increased price over Option 3 includes:

- Conversion of Cell 3 to an anaerobic lagoon including desludging, regrading and lining;
- Installation of a mixing system in Cell 3;
- Cell 3 outlet piping;
- Additional instrumentation and process analyzers;
- A flow diversion valve chamber;
- A larger, two story building to contain a lab, office, centrifuge and mixing pump; and
- An allowance for lab equipment and office furniture;

The pros and cons of this options are:

Pros:

- Additional organic and solids handling capabilities;
- If the District would like to accept loads from outside the District:
 - Reduction in the need to de-sludge the treatment ponds;
 - Reduction in rapid infiltration basin maintenance intervals;
- Protects aerated lagoons from hazardous loads; and
- Identifies haulers attempting to dump that do not meet facility requirements.

Cons:

- Highest capital cost; and
- Higher operating cost.

This option too would require a full time operator for the TWRF and other components of the system.

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Summary

The proposed Option 1 provides a basic level of service that does not fully address two risks; risks to the operation of the WWTP from trucked waste sources including hazardous wastes, and higher volumes or stronger trucked waste from sources outside of the District. However, management of the facility and education of haulers would help mitigate these risks.

Hazardous material in loads could adversely impact the wastewater treatment process. Increasing the level of service by monitoring and rejecting the contents of loads, as necessary, will reduce the risk of trucked waste loads containing hazardous material unloading into the WWTP. This could be accomplished with the automated diversion system (Option 2) or supervised TWRF (Option 3) but at a higher capital cost. These two options have similar capital costs; however, the fully supervised Option 3 would have higher operating costs, as a full time operator is required. In this case, because the facility is right in the District an alarm system could work well over a full time supervised facility. Even if the District did hire a new employee with the understanding they would oversee the TWRF, they could be used for other duties rather than simply sitting at the TWRF, like acting as the full time plant operator.

The WWTP upgrades have accounted for a certain volume and strength of trucked waste, based on the number of District residents on septic systems and an allowance for work camps. Higher volumes or stronger trucked waste than anticipated from surrounding areas or work camps could reduce the WWTP capacity to handle future growth in the District or potentially overload the treatment plant. The highest level of service (Option 4) includes added treatment for trucked waste and the ability to extract and dewater solids from Cell 3 with a centrifuge. Option 4 would be suitable only if there were known large long term contributors or higher strength trucked waste than the current load anticipated from District residents on septic systems. Based on the other facilities in the region we don't foresee a large volume of septage coming from outside the District. Also the current plant design does account for up to 3,000 residents which will be more than sufficient for the foreseeable future. This will allow the excess capacity to be taken up by external users such as camps. If the population of the District grows, this excess capacity would need to be re-evaluated.

Another major component of Option 4 is the reduction in solids entering the lagoon system. Lagoons need to be de-sludged from time to time. Option 4 would basically remove the need for future de-sludging but would require disposal of smaller amount of sludge on a more frequent basis. The current design of the plant would be to have one of the cells dedicated to sludge which is a convenience most plants do not have. Based on this Option 4 is not likely to provide a long term benefit to the District. In the future (10 to 20 years depending on the volumes of trucked waste), sludge can fairly easily be removed from the lagoons and stored in the old cell.

Overall we feel that Option 2 would be the most cost effective solution and would provide a high level of protection to the plant and a low level of complexity. If there is a desire to have a fully supervised system this could also be accommodated easily but at slightly higher operational costs due to the need for

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additional employees. This additional employees could however also act as the treatment plant operator as the new system would be expected to require more maintenance effort than the current system.

If you have any questions or comments, please contact the undersigned.

Sincerely,

URBAN SYSTEMS LTD.

A handwritten signature in blue ink that reads "Travis Pahl".

Travis Pahl, EIT
Process Engineer
/TP

A handwritten signature in blue ink that reads "Eric Sears".

Eric Sears, P. Eng.
Project Leader

\\ust.urban-systems.com\projects\Projects_FS\0664\0039\02\IC-Correspondence\IC1-Client\TWRF - Options Brief\2015-12-03-MEM-Trucked Waste Receiving Facility Options Brief.docx

THE DISTRICT OF HUDSON'S HOPE

REPORT TO: MAYOR JOHANSSON and COUNCIL

SUBJECT: ACTION and other UPDATES

DATE: January 11, 2016

FROM: Tom Matus, CAO

CAO Anticipated Travel:

BC Hydro Peace Region Non-Profit Community Fund Workshop, FSJ
LGMA CAO Forum, Kelowna:

January 21, 2016

February 24-26, 2016

GPS Cadastral Tie Survey

Work completed on September 17th. FLNRO has rejected the work done by McElhanney. Have informed McElhanney and they have submitted the corrections.

New Horizons Lease Agreement

Discusses final agreement with Terry Turvey: she will be a delegate at this meeting to present argument against having to provide Property Insurance since the District of Hudson's Hope already insures the building for Property damage.

Bullhead Mountain Curling Club

Sent draft agreement and Associate Membership Liability Insurance application for their review and am awaiting their reply.

Wastewater Treatment Facility Upgrade

Urban Systems has provided options for the product testing facility for the Lagoon upgrade. An RFD is included in the agenda package.

Shop RFQ

Have advertised the Request for Qualifications for the Shop construction, closing December 31, 2015. Received 14 submissions, to assess the invitees by Friday, January 15th.

Light Industrial Zone – Appraisal Bids

Closed December 18th, 2015, received eight bids, offered to PVC in Dawson Creek with a bid of \$3,125.00.

Light Industrial Zone -Crown Grant Offer

Have come up against a glitch regarding the ALC. Since we do not own the land, we cannot comply with the requirement of applying for an ALR exclusion for the 6.26 ha. Council may want to discuss that the ALC may not approve exclusion so it may be prudent to reduce the LI zone to exclude the ALR – this would in turn reduce the price. Something to note at the Open House? I have discussed this with Marianne Johnson at FLNRO and she has no objections to the change. I believe we will have to continue with the original appraisal but I will ask that the Appraiser provide us with both prices.

Expiry of the offer has been extended to March 4, 2015 with the change of the ALC to submission of the application be done by March 4, 2015, as oppose to the approval of the application.

Bylaws that need to be done:

SRH

OCP, Zoning and Road Closure.

We need to do a Road Closure Bylaw for the Taylor Ave undeveloped road RoW which passes through our subdivision as we cannot deposit a final survey plan of the Light Industrial sub division with a road RoW caveat placed on the SE ¼ section 30, TP81 Range 25 West of the 6th Meridian, Peace River District, Except Plan 16795. We will need to have the Road Closure Bylaw adopted prior to adopting the OCP and Zoning bylaws.

I have requested survey quotes from Tryon Professional Group and McElhanney to do the surveys for the above bylaws.

OCP and Zoning bylaws are included in the Agenda Package for 1st Reading and scheduling of Public Hearing.

Light Industrial Zone Open House

Material package for the Open House, which will be presented at this Council meeting, are as follows:

- a. 2 Conceptual images of the area;
- b. 3 Survey plans;
- c. L&M's lot layout;
- d. L&M's estimate;
- e. Urban Sytems' 3' x 10' Satellite aerial view



Tom Matus, CAO

THE DISTRICT OF HUDSON'S HOPE

REPORT TO: Mayor Gwen Johannson and Council
SUBJECT: Fees and Charges Amendment Bylaw No. 857, 2015
DATE: 7 January 2016
FROM: Dwylla Moraice Budalich, Deputy Clerk

RECOMMENDATION:

Council adopt the District of Hudson's Hope Fees and Charges Amendment Bylaw No. 857, 2015.

Report prepared by:

Dwylla Moraice Budalich



BYLAW NO. 857, 2015

A Bylaw to amend the Fees and Charges Bylaw No. 774, 2009

WHEREAS pursuant to Section 194 of the *Community Charter*, Council may, by bylaw impose a fees and charges payable in respect of any service it considers necessary or desirable;

AND WHEREAS Council deems it necessary and desirable to exercise the authority provided by the *Local Government Act* to cover costs or providing various services and information;

NOW THEREFORE the Council of the District of Hudson's Hope, in open meeting assembled, enacts as follows:

1. This Bylaw shall be cited as the "District of Hudson's Hope Fees and Charges Amendment Bylaw No. 857, 2015".
2. "District of Hudson's Hope Fees and Charges Bylaw No. 774, 2009" is hereby amended by deleting Schedule "A" and Replacing with Schedule "A" of this bylaw;
3. This bylaw shall come into force and effect upon the date of the Adoption of this Bylaw.

Read a First Time on this 14th day of December 2015.

Read a Second Time on this 14th day of December 2015.

Read a Third Time on this 14th day of December 2015.

Adoption of Bylaw on this ____ day of _____ 2015

Gwen Johansson, Mayor

Tom Matus, CAO

Certified a true copy of Bylaw No. 857, 2015

this ____ day of _____,

Clerk

“SCHEDULE A”

Bylaw No. 857, 2015

ADMINISTRATIVE	TOTAL FEE
NSF Cheque	\$30.00
Property Tax Certificate	\$20.00
BULLETIN ADVERTISING	
“For Sale” rate per month	\$10.00
¼ page ad – rate per month	\$30.00
¼ page ad – 6 month prepaid rate	\$150.00
¼ page ad – 1 year prepaid rate	\$270.00
½ page ad – rate per month rate	\$50.00
½ page ad – 6 month prepaid rate	\$250.00
½ page ad – 1 year prepaid rate	\$450.00
full page ad – rate per month rate	\$80.00
full page ad – 6 month prepaid rate	\$400.00
full page ad – 1 year prepaid rate	\$720.00
PHOTOCOPYING	
Photocopies – all sizes (black and white)	\$.50
Photocopies – all sizes (colour)	\$1.00
Zoning Bylaw	\$25.00
Official Community Plan Bylaw	\$30.00
Map – 3 x 3 District Map	\$30.00
Map – 18” x 36” Townsite Map	\$15.00
Map – 11” x 17” Lynx Creek Subdivision Map	\$10.00
Map – 11” x 17” Beryl Prairie Subdivision Map	\$10.00
Laminating per page	\$2.00
Faxing	\$2.50 initial page each additional page \$0.50

THE DISTRICT OF HUDSON'S HOPE

REPORT TO: Mayor Gwen Johannson and Council
SUBJECT: Business License Bylaw No. 859, 2015
DATE: 7 January 2016
FROM: Dwylla Moraice Budalich, Deputy Clerk

RECOMMENDATION:

That: "Council adopt the District of Hudson's Hope Business License Amendment Bylaw No. 859, 2015. "

INFORMATION:

Last council meeting first, second and third reading were given.

Reported prepared by:

Dwylla Moraice Budalich

B2



BYLAW NO. 859, 2015

A Bylaw to amend the District of Hudson's Hope business License Bylaw No. 504, 1994

WHEREAS pursuant to Section 194 of the *Community Charter*, Council may, by bylaw impose a fees and charges payable in respect of any service it considers necessary or desirable;

AND WHEREAS Council deems it necessary and desirable to exercise the authority provided by the *Local Government Act* to cover costs or providing various services and information;

NOW THEREFORE the Council of the District of Hudson's Hope, in open meeting assembled, enacts as follows:

1. This Bylaw shall be cited as the "District of Hudson's Hope Business License Amendment Bylaw No. 859, 2015".
2. "District of Hudson's Hope Business License Bylaw No. 504, 2009" is hereby amended by changing the Annual Fee in Schedule "A" to \$50.00;
3. This bylaw shall come into force and effect upon the date of the Adoption of this Bylaw.

Read a First Time on this 14th day of December 2015.

Read a Second Time on this 14th day of December 2015.

Read a Third Time on this 14th day of December 2015.

Adoption of Bylaw on this ____ day of _____ 2015

Gwen Johansson, Mayor

Tom Matus, CAO

Certified a true copy of Bylaw No. 859, 2015

this ____ day of _____,

NEWS RELEASE

December 17, 2015
For Immediate Release

Collaboration leads to success; partnered approaches recognized at latest Northern Health board meeting

The Northern Health Board received presentations that highlighted examples of collaboration between Northern Health, community partners and provincial/regional organizations at the latest board meeting in Prince George on December 7, 2015.

The collaborative work between Northern Health and the First Nations Health Authority has enabled a variety of new initiatives to be undertaken. These programs include work to better support Nurse Practitioners so they can focus on patient care, creating mental health and addictions mobile support teams, and improving the cultural safety of the health services experienced by First Nations people. Another shared initiative is the work that the eight Aboriginal Health Improvement Committees have undertaken such as patient mapping to better understand a First Nations persons' health care experience and to develop unique local projects such as informational and educational videos.

"We value our collaboration with local First Nations, and the Northern Partnership Accord between Northern Health, First Nations Health Council, Northern Regional Health Caucus, and the First Nations Health Authority," said Dr. Charles Jago, Northern Health Board Chair. "We know that together there is more work needed to improve the health outcomes of First Nations people. I'm encouraged with the collaborative work underway."

In an effort to increase awareness of First Nations, Aboriginal, and Indigenous peoples' culture, history, and relationship with the health care system, the Provincial Health Services Authority offers the Indigenous Cultural Competency Course. Over a third of Northern Health staff have taken this course, the highest of all the health authorities in B.C.

The Northern Health population health team provided an update on the legacies left from the collaborative work done for the 2015 Canada Winter Games in partnership with the organizing committee. The project team focused on health needs for the Games and was led by Northern Health with input from key stakeholders including the Games host society. An example is the work that the City of Prince George is doing in considering a smoke free by-law after partnering with Northern Health to proclaim the 2015 Canada Winter Games Smoke Free. Another example is the outreach the Spirit the Caribou, the Northern Health mascot sponsored by Spirit of the North Health Care Foundation, does in attending community events to share positive health messages.

"Northern Health staff and physicians efforts during the 2015 Games has left a lasting legacy, and we want to make sure that people are aware of the lasting impact," said Cathy Ulrich, Northern Health's President and Chief Executive Officer. "The focus on physical activity and healthy living over this last year is important to our efforts to improve health."

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The Northern Health board also recognized the hard work and dedication of the eight regional hospital foundations, and their contributions to enhancing health care in northern B.C. Over the past year the foundations have made significant contributions to Northern Health, including:

- Kitimat General Hospital foundation - \$10,000 for a new emergency department clinicians workstation and more.
- Spirit of the North Health Care Foundation - \$15,000 for surgical equipment and physiotherapy tools in Vanderhoof and more.
- Dr. REM Lee Foundation - \$300,000 for a new, state of the art high-definition endoscopy suite and more.
- Fort St. John Hospital Foundation - CT Scanner Upgrade and more.
- North Coast Health Improvement Society - \$15,000 towards a portable X-ray machine and more.
- Fort Nelson Hospital Foundation - renovation of the morgue and viewing area and more.
- Bulkley Valley District Hospital & Health Care Foundation - Starting a fundraiser for a maternity modernization project and more.
- Dawson Creek and District Hospital - Beamer plus endoscope and more.

"Northern Health is grateful for the philanthropic work led by the northern health care foundations," said Dr Jago, "The funding provided by the foundations enhances health care in northern B.C."

Northern Health is projecting a balanced budget for the end of the 2015/2016.

The next Northern Health Board Meeting will be held in Quesnel on February 15 and 16, 2016.

Media Contact

Northern Health Media Line 250-961-7724



Project Activity Update #36 December 2015 – January 2016

Coastal GasLink has identified a short list of potential prime contractors and is in the process of finalizing construction agreements.

Our project team is working to be ready to begin construction in 2016, with pipeline operations commencing in time to supply natural gas to meet the in-service date of the proposed LNG Canada facility in Kitimat.

In the coming weeks, potential prime construction contractors may be continuing to travel the approved Coastal GasLink pipeline route by air or on the ground, depending on weather conditions, as an aid to construction planning.

Our prime construction contractors will be large, highly-qualified firms with international experience in large diameter pipeline construction. We expect to select three prime construction contractors for the project, to be deployed across eight geographic construction sections.

1. Environmental Field Programs

Since early 2013, Coastal GasLink has conducted field programs to collect information related to permitting applications, compliance with regulatory requirements and construction planning.

Environmental field work has now concluded for 2015, and is scheduled to resume in spring 2016.

We continue to gather input and answer questions from potentially affected landowners, local governments, Aboriginal groups and the public.

2. Engineering Field Programs

From mid-November into mid-December, Coastal GasLink conducted a program of testing at three potential borrow sites in the Regional District of Fraser-Fort George. Two sites were located near Mount Bracey, in the upper Anzac River valley, and the third was east of the Coastal GasLink crossing of Highway 97, or approximately two kilometres north of Redrocky Lake.

The purpose of this investigation is to determine whether the materials at each site are suitable for project construction uses.

No further engineering field activity is currently scheduled for December or January, although further geotechnical investigation is likely in the first quarter of 2016.

3. Morice River North Alternate Route

After extensive consultation with Aboriginal groups in the Project area near the Morice River, we applied to add an alternate route to our EAC and our OGC permit in November 2015.

Concerns expressed by Aboriginal groups were related to proposed pipeline construction activities south of the river and the potential effects on the underground springs that feed the river. Since the launch of the project in 2012, we've been seeking feedback on our plans; this is an example of how we are listening and responding to that feedback. We have applied to amend our Environmental Assessment Certificate received from the Environmental Assessment Office, as well as our B.C. Oil and Gas Commission permit.

C2

For more information:

1.855.633.2011 (toll free)

coastalgaslink@transcanada.com

www.CoastalGasLink.com

Page 1 of 3

Coastal GasLink

Pipeline Project



The alternate route is about 5 km north of our approved route and approximately 56 km long. Both the approved route and the proposed alternate route have been previously exposed to logging. We collected environmental, archaeological and engineering information on the alternate route during 2015. This work will allow us to ensure that cultural and historical resources are identified, respected and protected, and the project can be designed, constructed and operated safely while respecting the environment. We are confident both routes could be built successfully, and both options reflect TransCanada's high standards and commitment to safety and environmental protection.

We'll decide on the final route once we have all of our regulatory approvals, and when we have fully considered both options. This includes more detailed design work on construction planning, taking into account commercial, cultural and environmental considerations, as well as cost and schedule.

4. Management Plans

Through 2013, Coastal GasLink developed a comprehensive assessment of potential adverse effects of the Project, in accordance with the Application Information Requirements issued by the BC Environmental Assessment Office (EAO). An Application for an Environmental Assessment Certificate (EAC) was filed with the EAO in January of 2014. This was followed by a detailed review process and the issuing of an EAC in October 2014.

Conditions attached to the EAC require the development of several management plans prior to construction. The Coastal GasLink Environmental Management Plan (EMP) is a primary management plan. It was submitted in revised form to the EAO in October 2015 for review and approval. The EMP provides a toolbox of recommended environmental protection measures and commitments to avoid or reduce potential adverse effects of construction of the project – measures and commitments which are to be carried out by Coastal GasLink and its contractors. The environmental management measures set out in the EMP are based on past project experience, TransCanada standards (adopted by Coastal GasLink), industry-accepted best management practices and additional measures identified during the environmental assessment and regulatory review process.

Appendices to the EMP include various Contingency Plans and Management Plans such as a Caribou Mitigation and Monitoring Plan, a Heritage Resource Discovery Contingency Plan, an Invasive Plant Management Plan, a Traditional Land Use Sites Discovery Contingency Plan, a Traffic Control Management Plan, a Water Quality Monitoring Plan, and a Wildlife and Wildlife Habitat Management Plan. Comments were received from Aboriginal groups and regulatory agencies on the draft management plans from April through September of 2015 to inform the revised plans.

The conditions attached to the EAC also require development and implementation of a Socio-economic Effects Management Plan (SEEMP), describing the approach to monitor and report on mitigation implementation specific to social and economic infrastructure and services during construction. The draft SEEMP was circulated for comment in April 2015 to local governments, provincial agencies and Aboriginal groups, and more than 300 comments were received and reviewed. Coastal GasLink submitted a revised SEEMP to the EAO in late October for review and approval.

Our management plans have been revised as a result of ongoing consultation with regulatory agencies and Aboriginal groups and in light of construction planning; they are currently being reviewed by the EAO. If Coastal GasLink decides to proceed with construction of the proposed MRNA Route, management plans will be updated as appropriate before construction begins.

For more information:

1.855.633.2011 (toll free)

coastalgaslink@transcanada.com

www.CoastalGasLink.com

Page 2 of 3

Coastal GasLink Pipeline Project



5. In the Community

Coastal GasLink was pleased to co-host a "Connecting Students with Industry" lunchtime event in Smithers on November 18. Our thanks go to the staff of Northwest Community College for their continuing support.

TransCanada's B.C. project teams co-sponsored the New Relationship Trust Young Entrepreneurs Forum in Richmond, B.C., in early December. This province-wide gathering brought together Aboriginal youth interested in business and professional careers and community development.

We look forward to meeting many of our friends at the 13th Annual Premier's BC Natural Resource Forum in Prince George from January 19 to January 21. Coastal GasLink and TransCanada are pleased to sponsor this exciting networking and information-sharing event.

For more information:

1.855.633.2011 (toll free)

coastalgaslink@transcanada.com

www.CoastalGasLink.com

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e-Newsletter

SeniorsBC.ca

Message from Parliamentary Secretary Darryl Plecas



Another year has flown by and the holiday season is here. Many of us will be gathering with loved ones to share in family time and create new memories.

For some people however, this time of year can be a lonely one, whether they are living by themselves, are recently widowed, or have family far away.

Social isolation among seniors is a growing issue. We all know someone – whether it's a friend or a family member – who is at home and can't get out much, if at all. And, it can also be magnified during the holiday season.

In my travels throughout the province, I frequently hear from seniors that independence is important. They also tell me they want to feel included in the community.

I attended an ideas exchange event this month in Courtenay which focused on social isolation among seniors. This informative gathering was attended by numerous stakeholders with a goal of increasing understanding of this issue. Attendees also examined innovative approaches to address the matter, which included an exploration of transportation to support seniors' social inclusion.

A report highlighting the ideas exchange event will be presented to a meeting of federal, provincial and territorial ministers' responsible for seniors, taking place next summer in Victoria.

I was encouraged by the creative ideas and interest of the participants to find ways to address social isolation of seniors in the Comox Valley.

This month provincial funding was also provided for a program that supports Farsi- and Korean-speaking seniors in the Lower Mainland to become more self-reliant. It can be tough to break down language and cultural barriers for new Canadians, and the seniors enrichment program offered by S.U.C.C.E.S.S. helps older adults feel empowered when they are out around town. This is done through basic computer and cell phone classes as well as English language classes.

We know that when seniors are engaged in the community, everyone benefits.

Thank you,

Darryl Plecas
Parliamentary Secretary for Seniors to the Minister of Health

For more information about seniors' services and supports, visit www.seniorsbc.ca.

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RECEIVED
DEC 18 2015
DUDLEY DRIVE



TransCanada PipeLines Limited
450 - 1st Street S.W.
Calgary, Alberta, Canada T2P 5H1
tel 403.933.8960
email cole_thomson@transcanada.com
web www.transcanada.com

December 15, 2015

Tom Matus
Chief Administrative Officer
Hudson's Hope
9904 Dudley Drive
Hudson's Hope, BC V0C 1V0

Re: Proposed Towerbirch Expansion Project Update

NOVA Gas Transmission Ltd. (NGTL), a wholly owned subsidiary of TransCanada PipeLines Limited, would like to take the opportunity to inform you about updates to the scope of the Towerbirch Expansion Project. Since the last project update in September, there have been changes to the Towerbirch Project scope to accommodate new customers who would like to transport natural gas on the NGTL System. The meter station sites will include a skid-mounted meter-run building and instrument building and associated piping that will connect the customers to the natural gas pipeline. The project will now include:

- Groundbirch East Receipt Meter Station Expansion - a proposed expansion to an existing meter station site located at SW-02-79-19 W6M, and
- Dawson Creek East Receipt Meter Station - a proposed new meter station facility located at SE-04-79-15 W6M.

As previously communicated, NGTL intends to construct and operate approximately 87 kilometres (km) of up to 36-inch diameter (914 mm) pipeline. The pipeline will start at the existing Gordondale Meter Station (SE-12-079-12-W6M) continue west for approximately 55 km, head north for 32 km, then terminate at the proposed Tower Lake Receipt Meter Station site (SW-7-81-17 W6M). Other project facilities include valve sites, the Tower Lake Receipt Meter Station, the Dawson Creek North and No. 2 Receipt Meter Stations (co-located at SE-27-79-17 W6M).

NGTL filed an application with our regulator, the National Energy Board (NEB), under Section 52 of the *National Energy Board Act*, on September 2, 2015, for approval to construct and operate the Towerbirch Expansion Project. Subject to regulatory approval, NGTL anticipates construction will begin in the second quarter of 2017. The anticipated in-service date is the fourth quarter of 2017.

We have enclosed the project fact sheet that will provide more information on the project and the proposed activities to support the regulatory application.

If you have any questions regarding the NEB application process or regulations, the NEB may be contacted through the following means:

National Energy Board
517 Tenth Avenue SW
Calgary, Alberta TR2 0A8

C4



TransCanada PipeLines Limited
450 - 1st Street S.W.
Calgary, Alberta, Canada T2P 5H1
tel 403.933.8960
email cole_thomson@transcanada.com
web www.transcanada.com

Email: info@neb-one.gc.ca
Telephone: 403.292.4800
Toll-free: 1.800.899.1265
Fax: 403.292.5503
Toll-free fax: 1.877.288.8803
TTY (teletype): 1.800.632.1663

If you have any questions or feedback about the proposed updates or require more information about NGTL or TransCanada, please contact us at:

Phone: 1.855.458.6712
Email: towerbirch@transcanada.com
Website: www.towerbirch.com

or write to us

Attention: Hazel Plana, Project Manager
TransCanada PipeLines Limited
450 – 1st Street SW
Calgary, Alberta T2P 5H1

NGTL and TransCanada are committed to open and transparent communication with stakeholders and Aboriginal communities as we move forward with the application for this project. We believe engagement is a two-way process and invite communities, landowners, and other interested stakeholders to share their questions and concerns with us so that we can provide information, follow up, and, where feasible, incorporate input into our planned activities. NGTL will be engaging with you to provide further information and status updates on the project as regulatory processes and detailed planning progress.

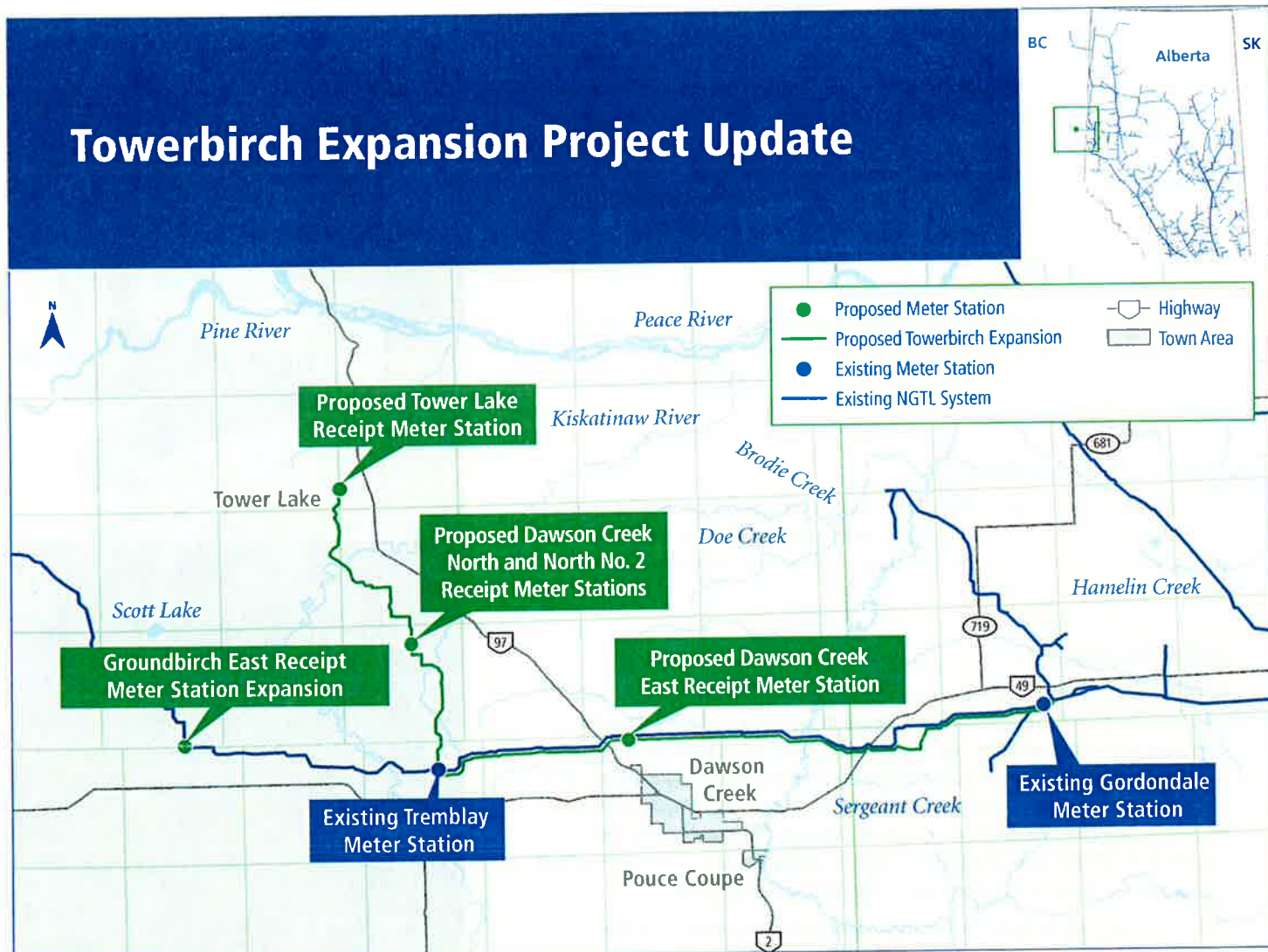
Sincerely,

Cole Thomson
Senior Community Relations Advisor, Canada & US Capital Projects

Attachments:

- TransCanada Fact Sheet: *Towerbirch Expansion Project (December 2015)*

Towerbirch Expansion Project Update



Since the last project update in September, there have been changes to the Towerbirch Project scope to accommodate new customers who would like to transport natural gas on the NGTL System. The meter station sites will include a skid-mounted meter-run building and instrument building and associated piping that will connect the customers to the natural gas pipeline. The project will now include:

Name	Site information	Location	Timeline
Groundbirch East Receipt Meter Station Expansion	<ul style="list-style-type: none"> The expansion of an existing meter station 100 metres by 100 metres Existing meter station footprint 	36 km west of Dawson Creek at SW-02-79-19 W6M	<ul style="list-style-type: none"> Subject to regulatory approvals, begin construction in Q2 2017 ISD Q4 2017
Dawson Creek East Receipt Meter station	<ul style="list-style-type: none"> New meter station 60 metres by 60 metres built on private land 	Two kilometers north of Dawson Creek at SE-04-79-15 W6M	<ul style="list-style-type: none"> Subject to regulatory approvals, begin construction in Q2 2017 ISD Q3 2017

Towerbirch Expansion Project Update

The pipeline component has two sections for a total length of 88 km. The first section is 36-inches (914 mm) in diameter and begins in Saddle Hills County, continues west for approximately 56 km and ties into the existing Tremblay Complex. The second section is 30-inches (762mm) in diameter and begins at the Tremblay Complex, continues north for approximately 32km and terminates at the proposed Tower Lake Receipt Meter Station site (SW-7-81-17 W6M). Other facilities include valve sites, the Tower Lake Receipt Meter Station, and the Dawson Creek North and No. 2 Receipt Meter Stations (co-located at SE-27-79-17 W6M).

On September 2, 2015, NGTL filed an application with the National Energy Board (NEB) for the proposed Towerbirch Expansion Project. Subject to regulatory approvals, we plan on beginning pipeline construction in the second quarter of 2017 with an expected in-service date in the fourth quarter of 2017.

What is a Meter Station?

Meter stations are an important piece of infrastructure for a natural gas pipeline system. They are used to measure the volume, quality, and composition of natural gas transported on a pipeline system. Meter stations are used at all locations where natural gas enters or leaves the pipeline.

Safety Factors

Safety is the first consideration in planning and constructing a meter station. A number of safety systems are built into the stations to ensure the safety of the facility, the public, our employees and the environment. Our stations are equipped with a multi-layered control system that provides routine operational control, and fire and gas monitoring of all piping and equipment. A dedicated emergency shutdown system provides constant monitoring for hazardous conditions such as gas leaks, high temperatures, fire and abnormal operating conditions. The control system is capable of shutting down all equipment and removing all natural gas from the station piping system in the event of an emergency.

Meter station equipment communicates with TransCanada's supervisory control and data acquisition (SCADA) system. The SCADA system is connected to TransCanada's operations control centre located in Calgary, Houston and Mexico City, which monitors the pipeline system 24 hours a day. All natural gas received on the pipeline is monitored to ensure it meets TransCanada gas quality specifications. These are defined in the gas transportation tariff that is filed with the regulator.

In case of an emergency, please call TransCanada's 24-hour toll free number at 1.888.982.7222.



Contact Us

We value your input and consultation with stakeholders and Aboriginal communities is important to TransCanada. Through the participant involvement program and field studies, we have received feedback that has been included in the project development where possible. We invite you to contact TransCanada with any questions or comments you have about the proposed project.

Hazel Plana, Project Manager

Phone: 1.855.458.6712

Email: towerbirch@transcanada.com

Online: www.towerbirch.com

Write to TransCanada at:

TransCanada

450 — 1st Street SW

Calgary, Alberta T2P 5H1

If you would like further information regarding the National Energy Board's approval process, we would be pleased to provide you with information or you can contact the regulator directly:

National Energy Board

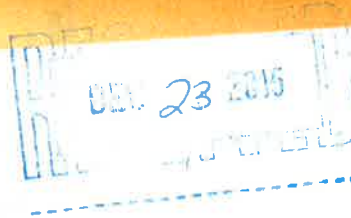
517 Tenth Avenue SW

Calgary, Alberta T2R 0A8

Phone: 1.800.899.1265

Email: info@neb-one.gc.ca

www.neb-one.gc.ca



District of Hudson's Hope
Mayor Gwen Johansson and Councillors
Box 330
Hudson's Hope, BC V0C 1V0

December 15, 2015

Dear Mayor Gwen Johansson and Councillors,

RE: High on Ice Festival 2016 – Mayor's Ice Carving Challenge

The High on Ice Winter Festival is a fantastic family event that takes place in Fort St. John every February. It is one of British Columbia's only ice carving events and offers a full weekend of fun.

We invite you to join us for the opening ceremonies on the evening of Friday, February 5th. The ceremonies begin at 6:00pm in Centennial Park, followed by the annual council slide off. This year, we are thrilled to be hosting meet and greet with the ice carvers in the park beginning just after the opening ceremonies. We welcome you to stay for drinks and appetizers and visit with these talented artists.

You are also hereby challenged to compete in the High on Ice Festival Mayor's Ice Carving Challenge, on Saturday, February 6th from 9:00am - 4:00pm. Pride and glory for your community are up for grabs along with the coveted trophy!

If you would like to accept my challenge, please contact Marissa Jordan at 250.794.3262 or e-mail mjordan@fortstjohn.ca by January 22, 2016. Once you have accepted the challenge, additional information will be provided to you.

We hope to see you either in the Mayor's Challenge or at the opening ceremonies in the Energetic City!

Yours truly,



Mayor Lori Ackerman
City of Fort St. John

C5

/mj



December 18, 2015

Ref: 224653

Her Worship Mayor Gwen Johannson and Council
District of Hudson's Hope
Box 330
Hudson's Hope BC V0C 1V0

Dear Mayor Johannson and Council:

The Provincial Office for the Early Years (EYO) participated at the 2015 Union of BC Municipalities convention by hosting a table during the "Tools, Resources and Funding" session. The EYO table focused on sharing resources developed over the past year designed to support local governments to increase their capacity to undertake local planning, projects and development related to child care.

The Provincial Government of British Columbia strives to increase quality, affordability, and accessibility of child care through a variety of initiatives.

Over the past year, the EYO has worked with local governments to explore local government "policy tools" that can help ensure availability of quality child care spaces across British Columbia. This has culminated in a number of resources that can assist local governments in understanding their role and opportunities to exercise their unique levers to support local child care expansion.

One of the resources shared at the convention was the brochure "*Municipalities: Top 13 Actions to Support Local Child Care Needs*". This document was developed in collaboration with local government representatives and the local government division of the Ministry of Community, Sport, and Cultural Development. It provides a concise description of 13 actions that local governments can take to support child care in their community including streamlining. I have enclosed the pamphlet for your perusal. It can also be accessed on-line at: <http://goo.gl/93l2iY> along with a number of other resources for local government.

Should you be interested in further information regarding the resources available to municipalities to support the expansion of child care programs in your community, please contact the EYO at 250 387-5942 or send your e-mail to: EarlyYearsOffice@gov.bc.ca.

Sincerely,


Stephanie Cadieux
Minister

cb

Attachments



Reference: 293776

December 21, 2015

Her Worship Mayor Gwen Johannson
and Councillors
District of Hudson's Hope
Box 330
Hudson's Hope BC V0C 1V0

Dear Mayor Gwen Johannson:

On June 15, 2015, the Honourable Mary Polak, Minister of Environment, announced that British Columbia will be creating a world class spill response regime to address a wide range of potential land and marine-based spills. We intend to build that new regime collaboratively with First Nations, communities, local governments, industry and other regulators.

I am sending this letter to provide you with an update on the regime progress and notice of our upcoming engagement efforts. We will be engaging a broad range of First Nations, industry organizations, communities, stakeholders and regulators on a new report which will set out the details of our proposed new spill response regime.

I encourage your organization to provide detailed comments on the new report through our online information portal on the ministry's Land Based Spill Preparedness and Response in British Columbia website at www.gov.bc.ca/spillresponse. From this webpage, you can subscribe to receive updates which will notify you when new content is posted, including the new report. As noted, we anticipate the new report being available mid-January 2016 and we will provide you with another notice just prior the commencement of our formal engagement.

In the meantime, we invite you to review the previously published intentions papers and the results of a past Spill Response Symposium posted on the portal.

If you have any questions about the new proposal or the engagement process, I encourage you to contact Ms. Sara Bacic, Logistics Coordinator for the Spill Response Regime. She can be contacted at Sara.Bacic@gov.bc.ca.

Sincerely,

Anthony Danks
Executive Director
Spills Response Regime Project
Environmental Protection Division

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District of Hudson's Hope,
Box 330
Hudson's Hope, B.C.
V0C 1V0

Hudson's Hope Healthcare & Housing Society
Box 242
Hudson's Hope, B.C.
V0C 1V0

December 23, 2015

Dear Bob,

Thank you so much for coming and showing the residents how to use the defibrillator. They are still talking about your presentation. It was very clear and easy to understand. It is very much appreciated that you took the time to do this presentation.

Hopefully they will see you again, as you brightened up their day.

Sincerely,

L. M. Harwood

L.M. Harwood
Secretary
Hudson's Hope Healthcare & Housing Society



CONFIDENTIAL

December 23, 2015

Peace River Regional District
c/o North Peace Economic Development Commission
PO Box 810
Dawson Creek, BC V1G 4H8

Attention: Jennifer Moore
Regional Economic Development Officer

Dear Ms. Moore:

Subject: 2015 Grant Writing Support Program
Northern Development Project Number 3695 20

We are pleased to enclose our cheque in the amount of \$8,000 which represents Northern Development's 2015 grant writer funding for the District of Hudson's Hope.

Please don't hesitate to contact us should you require additional information. Thank you for participating in the 2015 Grant Writing Support program.

Sincerely,


Janine North
Chief Executive Officer

c: Gwen Johansson, Mayor, District of Hudson's Hope
Tom Matus, Chief Administrative Officer, District of Hudson's Hope

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Prince Rupert
Gas Transmission Project

PRGT Project

Activity Update #31

December 2015–January 2016

C10

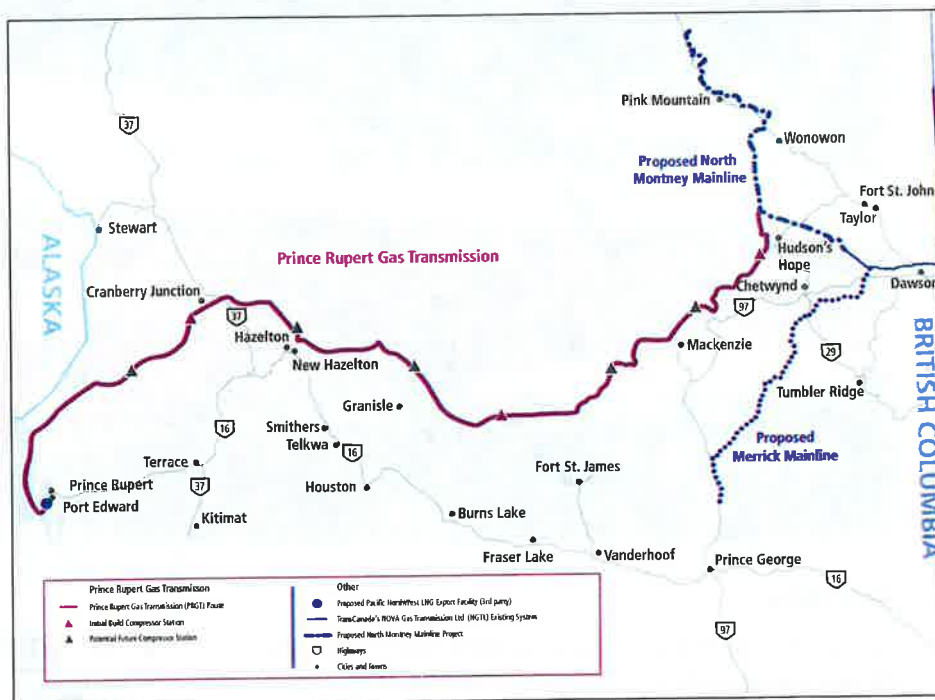


PRGT Project Activity Update #31

About the Project

The proposed Prince Rupert Gas Transmission (PRGT) Project is an approximately 900 kilometre natural gas pipeline to be routed from north of Hudson's Hope B.C. to the proposed Pacific NorthWest LNG export facility on Lelu Island within the District of Port Edward. Upon receiving all approvals, PRGT will be constructed and operated with safety and environmental stewardship as top priorities.

Once it's operating, the project will generate an estimated \$25 million each year in property taxes. This revenue will help support school and hospital districts, emergency services, recreation services, recycling programs and other local programs vital to sustaining strong communities.



Project Updates

Regulatory Update

In October, PRGT received final permits from the BC Oil and Gas Commission (BC OGC), which gives regulatory approval for the construction and operation of the project. The 11 permits cover the entire route from just north of Hudson's Hope to Lelu Island, as well as three compressor stations and a meter station where the gas is to be delivered to the Pacific NorthWest LNG (PNW LNG) facility. Included in the permits are approximately 70 conditions which will govern the implementation of the project, covering aspects of construction related to notification and reporting, the environment, First Nations, wildlife, stream crossings, and terrain stability among others.

PRGT will commence construction once PNW LNG receives a positive decision from the federal government under the Canadian Environmental Assessment Act and has confirmed its decision to proceed with the project. Once this decision has been made, PRGT will begin site preparation for camp locations and right-of-way clearing, with commencement of pipeline construction activities shortly thereafter.

PRGT has started to secure Temporary Use Permits, where necessary, related to the project's camp, stockpile, and laydown sites from Regional Districts and municipalities across the route. We will continue to engage and work with these stakeholders to ensure all conditions of the permits are met as we move into construction. In addition to the permits required for the project, PRGT is also continuing engagement with communities, Aboriginal groups, and service providers related to the development and implementation of our management plans and other project commitments.

For more information on these permits, please visit our website at:

<http://www.princerupertgas.com/prince-rupert-gas-transmission-project-receives-oil-and-gas-commission-approvals/>

PRGT Project Activity Update #31



Field Work

Right-of-way flagging work that began in October will continue along the route through to the end of the year. Additionally, geotechnical work taking place at PRGT's camp sites is underway and will continue into the new year.

For questions related to this and any field work, please don't hesitate to contact us using the phone number or email address provided at the end of the newsletter.

BC Supports PRGT

For years, PRGT has worked hard to be a trusted neighbour, building strong relationships with communities near to the project corridor. We're pleased to have received a number of expressions of support from local governments and Chambers of Commerce across the pipeline corridor. These letters focus on the local benefits communities have and can expect to receive as a result of the project and speak to the constructive engagement PRGT has enjoyed with communities over the past two and a half years.

On behalf of the project, we would like to extend our gratitude to the communities we work with for their support.

To view some of the letters received, or to show your support for PRGT, please visit our website at:

<http://www.princerupertgas.com/b-c-supports-prince-rupert-gas/>

Year In Review

- 21** COMMUNITY EVENTS
- 12** CONFERENCES AND TRADE SHOWS
- 29** PROJECT UPDATES AND PRESENTATIONS
- 13** COMMUNITY INVESTMENT INITIATIVES
- 32** COMMUNITY EVENT SPONSORSHIPS

PRGT Project Activity Update #31



Breanne Whyte, Community and Aboriginal Relations Liaison for PRGT, presents the certificates to the students.

Skills Training and Education

TRICORP Graduation – Prince Rupert

On November 13, representatives from TransCanada were honoured to attend the graduation ceremony for 13 TRICORP students through their campus in Prince Rupert. Over the 10-week program, the students earned their industry safety certifications including W.H.M.I.S, Hazard Identification and OFA level 1, as well as math and English upgrading.

The next session of these courses will be held in January 2016 in Hazelton. For more information on the program, please contact Marilyn Smith, TRICORP Client Liaison, at 250.624.3535.

PRGT Project Activity Update #31



Investing in the Community

Under 17 World Hockey Challenge

Hockey has been and continues to be a national pastime that unites all Canadians. Whether we spent our childhoods at the rink with our families or never miss a game on TV with our friends, every one of us has a happy memory involving the sport. For these reasons, TransCanada was excited to be the Diamond Sponsor of the U17 World Hockey Challenge, hosted jointly by Fort St John and Dawson Creek this fall. This world-class event saw three Canadian and five international teams compete in a tournament that often features many of the NHL's future stars.

As the official sponsor of the volunteers, we were proud to help support the men and women who worked tirelessly to pull off such a large-scale and exciting event. It is thanks to their efforts that the tournament was such a huge success. Congratulations and job well done to the cities of Fort St John and Dawson Creek!

PRGT Project Activity Update #31



Hazleton Movie Night

PRGT hosted a Friday Night Free Movie event on November 6th at the Tri-Town Theatre in Hazelton. This event packed the theatre with 150 attendees excited to watch the theatre's opening night of *Goosebumps*. Following the movie, PRGT raffled door prizes of gift certificates that supported local businesses, including the Skeena Bakery, Mercedes Beans and Tri-Town Theatre. Thank you to all who attended and we hope to see you at the next event!

NEWS RELEASE

For Immediate Release
January 1, 2016

Northern Health's first baby of 2016 born in Prince George - Update

Northern Health is pleased to announce that the first baby born in the Northern Health region in 2016 is a girl.

Ellie Marie Bajic was born at the University Hospital of Northern B.C. on January 1 at 1:25 a.m. local time to mom Kayla Bajic and dad David Bajic of Prince George, B.C. weighing in at 8 pounds, 1 ounce.

Ellie was also welcomed by her older sister.

The family is currently resting, and they are willing to speak with local media later this afternoon. The family's contact information will be distributed at that time.

The first baby born in British Columbia is a boy delivered at Surrey Memorial Hospital at 12:15 a.m. on January 1, 2016.

Media Contact:
NH media line - 250-961-7724

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Tse'K'wa Heritage Society

10233 – 100th Avenue, Fort St. John, BC, V1J 1Y8
Phone: 250 319 5682

Jan. 5, 2016

Elisabeth Deom, Senior Policy Advisor
Land Tenures Branch
Ministry of Forests, Lands and Natural Resource Operations
780 Blanshard, Victoria, BC

Sent via email: Elisabeth.Deom@gov.bc.ca

Dear Elisabeth Deom:

I am writing in regarding to protecting a large-scale dinosaur track surface that is located to the south of the Williston Reservoir, close to Carbon Creek along the Johnson Lake Road. The tracks are from the Gething Formation (Early Cretaceous: Aptian), which is the same formation that C.M. Sternberg studied from the Peace River Canyon near Hudson's Hope in 1930. Sternberg's 1932 paper on the Peace Canyon tracks was in fact the first description of a Cretaceous track fauna in the world.

Dinosaur fossils and tracks are a significant part of the Treaty 8 First Nations' heritage, as they are linked to the Dane-zaa *Big Animal stories* and subsequent legal traditions that set out our ways of relating to each other, the animals and land. This area in particular is highly significant due to its close proximity to the Twin Sisters Mountains, a sacred cultural landscape for the Saulteau, Cree and Dane-zaa people in Treaty no. 8 territory of BC.

In summer 2016, the Peace River Palaeontology Research Centre, with the support of the Treaty 8 Tribal Association and the Tse'K'wa Heritage Society, will commence field research at this site. By way of this letter, I am requesting that this area be protected from further development until we determine an adequate protection plan.

dr

For your reference, I have included a portion of a topographic map of the area with the suggested boundary for a proposed protected area that encompasses the track site that is the subject of this proposal as well as another track site that was discovered in the early 1980's. Other track sites have been found along the banks of Carbon Creek within this area in recent years as well.

I look forward to hearing your timely response to this request. If you have any questions, please feel free to contact me at kaird@treaty8.bc.ca or 250 319 5682

Sincerely,



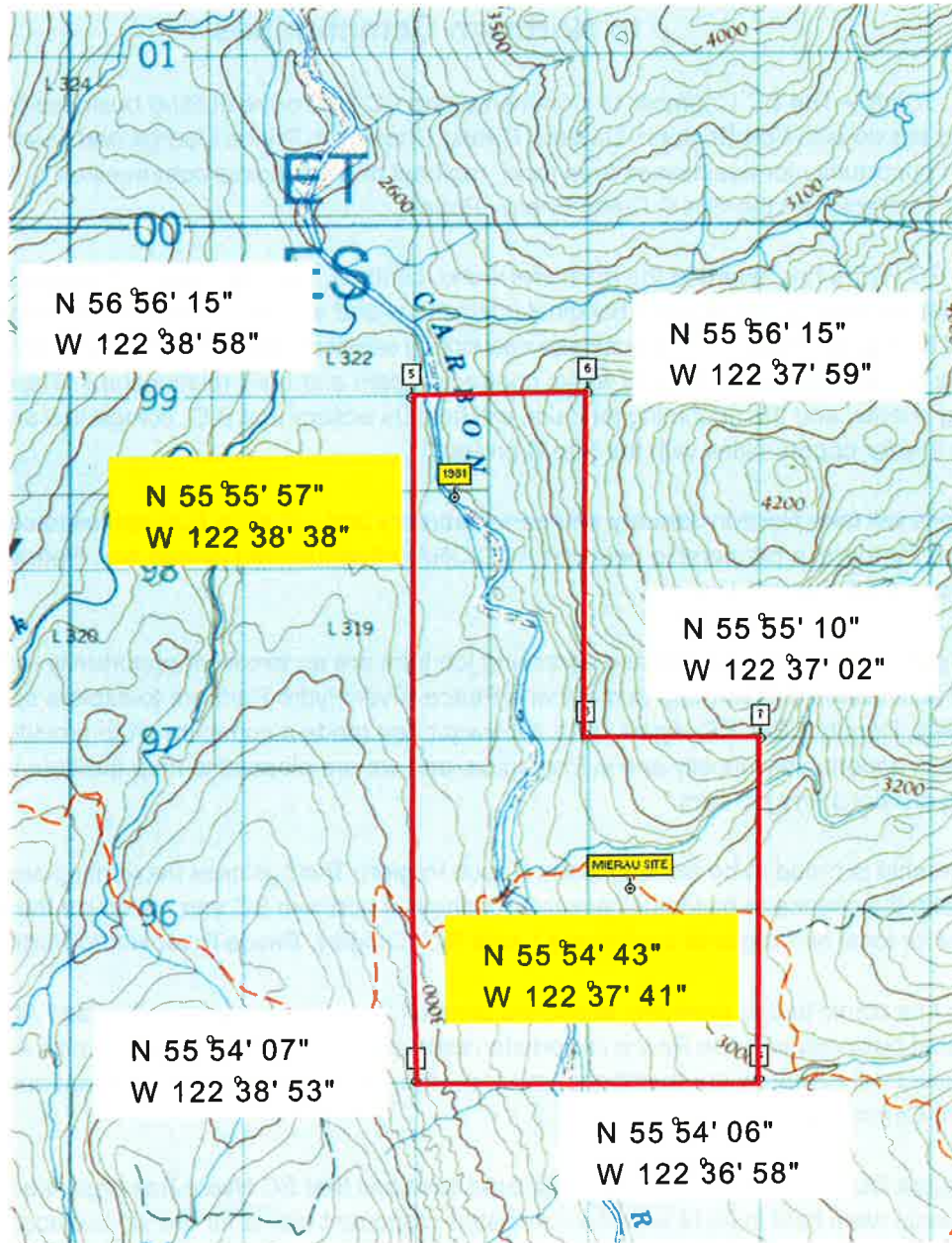
Karen Aird

Cultural Heritage Advisor

The Treaty 8 Tribal Association, the Tse'K'wa Heritage Society, and Nun Wadee (the Caretakers of the Land Society)

CC:

Richard McCrea, PRPRC
Laura Howes, City of FSJ
Brenda Deliman, PRRD
Jennifer Moore, PRRD
Tracy Kucera, District of Taylor
Pat Pimm, MLA
Min. Mike Bernier
Jim Kinca, Tumbler Ridge Museum
Dr. Charles Helm, Tumbler Ridge GeoPark



NEWS RELEASE

January 7, 2016

Site C Business-to-Business Networking Sessions and Job Fairs Coming to Northern Communities

FORT ST. JOHN – The BC Chamber of Commerce and BC Hydro are holding business-to-business networking sessions in Fort St. John, Dawson Creek, Chetwynd, Prince George and Quesnel that will provide an opportunity for businesses from local, regional and Aboriginal communities to meet with the main civil works contractor for the Site C Clean Energy Project.

"Now that BC Hydro has awarded the main civil works contract, there are going to be significant opportunities for local, regional and Aboriginal businesses and workers in the region," said Bill Bennett, Minister of Energy and Mines. "The business networking sessions are the first opportunity for local businesses to meet with the main civil works contractor team and build relationships. These business networking events, and the upcoming job fairs, will help us ensure that B.C. companies and B.C. workers are first in line for opportunities with the Site C project."

The sessions will take place in January and early February and will allow businesses to connect with Peace River Hydro Partners, a partnership between ACCIONA Infrastructure Canada Inc., Petrowest Corporation and Samsung C&T Canada Ltd.

"The business networking sessions and upcoming job fairs are an excellent opportunity for local and Aboriginal businesses and workers to meet with Peace River Hydro Partners to explore opportunities," said Chris O'Riley, Deputy CEO, BC Hydro. "Our contractor has made a commitment to providing employment and business opportunities locally and in the region, and we are pleased to help facilitate this through the networking sessions and job fairs."

"Our partnership is proud to be working in the Peace Region. The business networking sessions will provide our team with the chance to build business relationships in northern BC and maximize the economic opportunity for local and regional businesses," said Rick Quigley, Peace River Hydro Partners.

"BC Hydro has committed to providing economic benefits for northern communities and Aboriginal groups. We know that businesses in the Peace region are ready and waiting for this opportunity, and Site C's positive impact will be felt by our members province-wide," said Jon Garson, President and CEO, BC Chamber of Commerce.

This will be the fourth round of business networking sessions that BC Hydro has organized for the Site C Project. Events were held in 2014 with the shortlisted proponent teams for the worker accommodation contract and the main civil works contract. In October 2015, business networking sessions were held with the worker accommodation and site preparation contractors and were attended by over 200 businesses.

Job Fairs: February/March 2016

BC Hydro and Peace River Hydro Partners are also hosting or participating in job fairs in late February and early March in the communities of Tumbler Ridge, Chetwynd, Dawson Creek, Fort St. John, Hudson's Hope, Prince George, Quesnel, Fort Nelson and Mackenzie. The job fairs will provide an opportunity for job

C13

seekers to meet with Peace River Hydro Partners and other Site C contractors. Business representatives from the Peace River Hydro Partners team will be available to meet with local businesses in Tumbler Ridge, Hudson's Hope, Mackenzie and Fort Nelson as part of the job fairs.

Dates and times for the job fairs will be announced shortly.

Schedule: business-to-business networking sessions

Registration is required for business networking sessions. Attendees can register at bcchamber.org/events

Community	Date	Times	Location
Fort St. John	Monday, January 25	Session one: 10:00 am – 12:30 pm Session two: 5:00pm – 7:30pm	Ralph Pomeroy Room Pomeroy Hotel 11308 Alaska Road
Dawson Creek	Tuesday, January 26	Session one: 1:30pm – 4:00pm Session two: 5:00pm – 7:30pm	George Dawson Inn 11705 8th Street
Chetwynd	Wednesday, January 27	Session: 5:00pm – 7:30pm	Cottonwood Room Chetwynd & District Rec Centre 4552 North Access Road
Prince George	Tuesday, February 2	Session one: 1:30pm – 4:00pm Session two: 5:00pm – 7:30pm	Ballroom Coast Inn of the North 770 Brunswick Street
Quesnel	Wednesday, February 3	Session one: 1:30pm – 4:00pm Session two: 5:00pm – 7:30pm	Main Hall Quesnel Senior Centre 461 Carson Avenue

Please visit the Site C project website for more information at: sitecproject.com.

For more information please contact:

BC Hydro Media Relations
p. 604.928.6468

Proposal: Volunteer of the Year award expanded to add a Youth Award.

Discussion:

During the recent Volunteer of the Year award ceremony, I noticed that many other Peace Area Communities nominate someone for a youth award. As our community embraces volunteerism to maintain many of the activities that our families/seniors enjoy, I'd like to propose to Council that we consider adding an additional award to next year's Volunteer of the Year, and this be a Youth Award. I believe this may encourage youth to volunteer and recognize those who are already making a contribution to Hudson's Hope.

The City of Fort St John criteria is below, I propose we use something similar. The Award could be a plaque as well as a monetary cheque (at their discretion to be used for further education, to be donated to a community group, etc.).

Youth Award

The Youth an individual under the age of 19 who has made a positive contribution to the community on a volunteer basis such as developing a project, serving on a committee and/or other volunteer work with organizations and groups. Youth in this category may display outstanding qualities, provide leadership, support their peers, overcome challenges and/or contribute to their community in a meaningful way.

Resolution:

That a Youth Award be created for the District of Hudson's Hope create a Youth Award as per the below.

Criteria:

The Youth an individual under the age of 19 who has made a positive contribution to the community on a volunteer basis such as developing a project, serving on a committee and/or other volunteer work with organizations and groups. Youth in this category may display outstanding qualities, provide leadership, support their peers, overcome challenges and/or contribute to their community in a meaningful way.

Award Value:

\$1,000 to be donated to the charity of the recipient's choice OR be offered to the recipient in the form of a bursary.

District of Hudson's Hope

Recreation Needs Assessment Survey Report

Introduction:

Council requested that the Recreation Committee develop a survey and provide that to community members to assist in guiding the overall direction of budgetary spending on recreation items in the future. We provided a survey to residents during the month of June and received 40 responses.

Due to the limited number of responses, statistically the results may have little value and are not included in this report. However, there are a number of themes and topics that were raised in the surveys that are of value and are summarized in the report below.

Existing Facilities

A number of themes related to existing facilities were raised, and are summarized below. The suggestions are listed in no particular order of preference or popularity. It was clear from the surveys that the most used facilities are the Arena, Community Hall and Pool.

1. Multi use facility
 - A number of times the concept of a multi-use facility was raised, or bringing the use of local facilities closer together as current facilities are spread apart in the community
 - Suggestions included finding a way to use the arena in the Spring/Summer months (examples include: roller-skating, lacrosse, laying down turf for indoor soccer)
2. Pool Improvements
 - A number of improvements to the existing pool were raised (the timing of the survey was such that the pool was being used by many in the community and may have increased the suggestions for this facility)
 - A hot tub was suggested a number of times
 - Maintenance issues related to water temperature, drainage in the change rooms, additional space for families to change were also raised
3. Trail Improvements
 - A number of people commented that there was limited knowledge about where the trails are located in the community
 - Jamieson Woods was suggested for trail improvements and upgrades to replace the trees cut during the fire protection project
 - A number of suggestions related to creating additional or upgrading existing trails for hiking/biking/ATV use, including the trail to Dinosaur Lake and on the Canyon Drive Hill
 - Sidewalks to both Thompson Subdivision and Jamieson were suggested, to ensure a continuous paved trail system
4. Playground Updates

- A number of people suggested playground upgrades
 - Beattie Park required play structures for younger children
 - Pool Park required play structures for older children
 - Cameron Lake required new equipment
 - Dinosaur Lake had no equipment
5. Skate Park
 - A number of people commented on the skate park, suggesting upgrades and improvements making it more modern and useful for local youth to use
 6. Outdoor Sports Spaces
 - Updates to the school field facilities may assist with better delivery of sports such as soccer and baseball during the summer months
 7. Community Hall
 - The sound system/acoustics need to be upgraded in the facility

Recommendation: The Recreation Committee use these ideas to form a five-year plan to address recreation ideas, with input from the public.

Special Events

It is recognized that there are a large number of community events that are put on throughout the year, both by the special events coordinator and other volunteer groups. There was recognition of the District events (the winter carnival, etc.) but also of events put on by volunteers (the Fall Fair). This further supports the District's approach of supporting local clubs.

The largest gap in special event programming was identified as providing events for youth (teens and tweens).

Recommendation: Explore further opportunities to expand special event programming for youth.

A number of interesting ideas were brought forward for special events, a few of which are listed below:

1. Bandstand use in Beattie Park – invite local youth to perform there (magicians, musicians, storytellers, poets), or a place to plug in a tape machine for a sing along beside the town park (karaoke)
2. Special Events involving music – coffee houses, use of an outdoor stage in the summer, summer arts programs were all
3. Special Events Travelling to Nearby Communities – Suggestions of travelling to nearby communities to arts and cultural programs
4. Rental of Kayaks/Canoes – rental of equipment to explore the water areas around the community
5. Expand tournaments – volleyball, tennis, raft races

Proposal: Rebate of \$50 per household (up to 2 maximum) for the purpose of encouraging citizens to plant trees in the Community.

Cap the rebates at a certain dollar amount in the budget each year.

Discussion:

In 2014, trees were planted in the community on DoHH land, which has had a positive impact in the community through increasing the beauty of our town. This proposal would be to encourage individuals to buy and plant trees on their own property, and aligns with the recent planting of trees by the District.

The proposal would be to purchase a tree or shrub with a Zone 1,2 or 3 tag on it. Use the tree tag along with your receipt to claim a refund of \$50.00 at the Community Offices.

There may be an opportunity to partner with the Farmer's Market and/or a local gardening center to have a shipment of trees come to the community, making it easier for individuals to purchase the trees without transporting them back and forth from Fort St. John or Chetwynd. This would require further investigation.

Fort St. John has a similar program, they cap their rebates to a maximum dollar amount in their budget each year. Additional information on the Fort St. John program is located here:

http://www.fortstjohn.ca/sites/default/files/publication/TreeRebate-InfoBrochure_1.pdf

In meeting with Councillor Miller, the following criteria should be included in the program:

- Tree varieties consistent with those used in the townsite already
- Must be a tree (not a shrub or flower)
- Must be zone applicable
- Minimum size: 2 pot gallon or higher
- One rebate per civic address
- Planted on eligible property only
- \$50 maximum rebate (staff to advise how to apply)

Resolution:

That Council direct staff to create a program to offer a tree rebate program similar in format to Fort St John.

Seismic shift: Falling behind on fracking

The Globe and Mail - Fri Dec 18 2015

Byline: SHAWN McCARTHY, MARK HUME

Energy & Resources

Provincial regulators are struggling to keep up with a fracking boom that has caused small earthquakes in British Columbia and Alberta and could result in a larger one in the future, one of Canada's top experts on seismic risks said on Thursday.

British Columbia's Oil and Gas Commission confirmed this week that a 4.6-magnitude earthquake in the shale gas fields of the province's northeast last summer was caused by hydraulic fracturing, the industry practice of using high-pressure water to crack rock and extract natural gas or oil.

The quake - which shook workers but caused no damage - illustrates the need for more monitoring and better risk assessment, geophysicist Gail Atkinson, professor at the University of Western Ontario, said in an interview on Thursday.

"I do think the industry is on the right track, but we need to keep working with them closely and keep on them to keep moving," said Dr. Atkinson.

Dr. Atkinson holds a national research chair in hazards from induced seismicity.

"In the long run, we'd like to be able to understand what is going on and control and mitigate events before they happen. We need to make sure that we don't end up with a large event in a location where it could cause damage."

The summer earthquake surpassed two induced earthquakes of 4.4 magnitude in Alberta and one of similar magnitude in B.C. last year that have been attributed to gas drilling activities, adding to growing concerns about the controversial extraction process, commonly known as fracking.

The technology has allowed prolific development of unconventional oil and gas fields that have revolutionized the industry across North America, and changed the global oil business.

U.S. oil production has soared by 80 per cent since 2009, from 5.3 million barrels a day to 9.3 million this month, while North American natural gas supply has seen a similar growth.

But critics say intensive fracking raises risks of groundwater contamination, methane leaks and induced seismic activity.

Industry-caused earthquakes have been registered in several U.S. states, including Ohio, Texas and Oklahoma, as well as in Britain and the two western provinces. Often they occur when companies inject large volumes of waste water under ground, but in mountainous oil- and gasfields of British Columbia and Alberta, the seismic activity has occurred as a result of the fracking process itself.

A 2014 study by the Geological Survey of Canada found that in northeast B.C., 24 earthquakes occurred in 2002-03, before hydraulic fracturing started in the area. From 2006-09, with light-to-moderate fracking taking place, there were 146 earthquakes. In 2010-11, with fracking activity peaking, there were 189 quakes.

In B.C. and Alberta, any quakes at magnitude 4.0 or above that are related to fracking trigger an immediate shutdown until a mitigation plan can be worked out and approved by regulators.

"The operator has to stop, contact us and come up with a mitigation plan before they can proceed and

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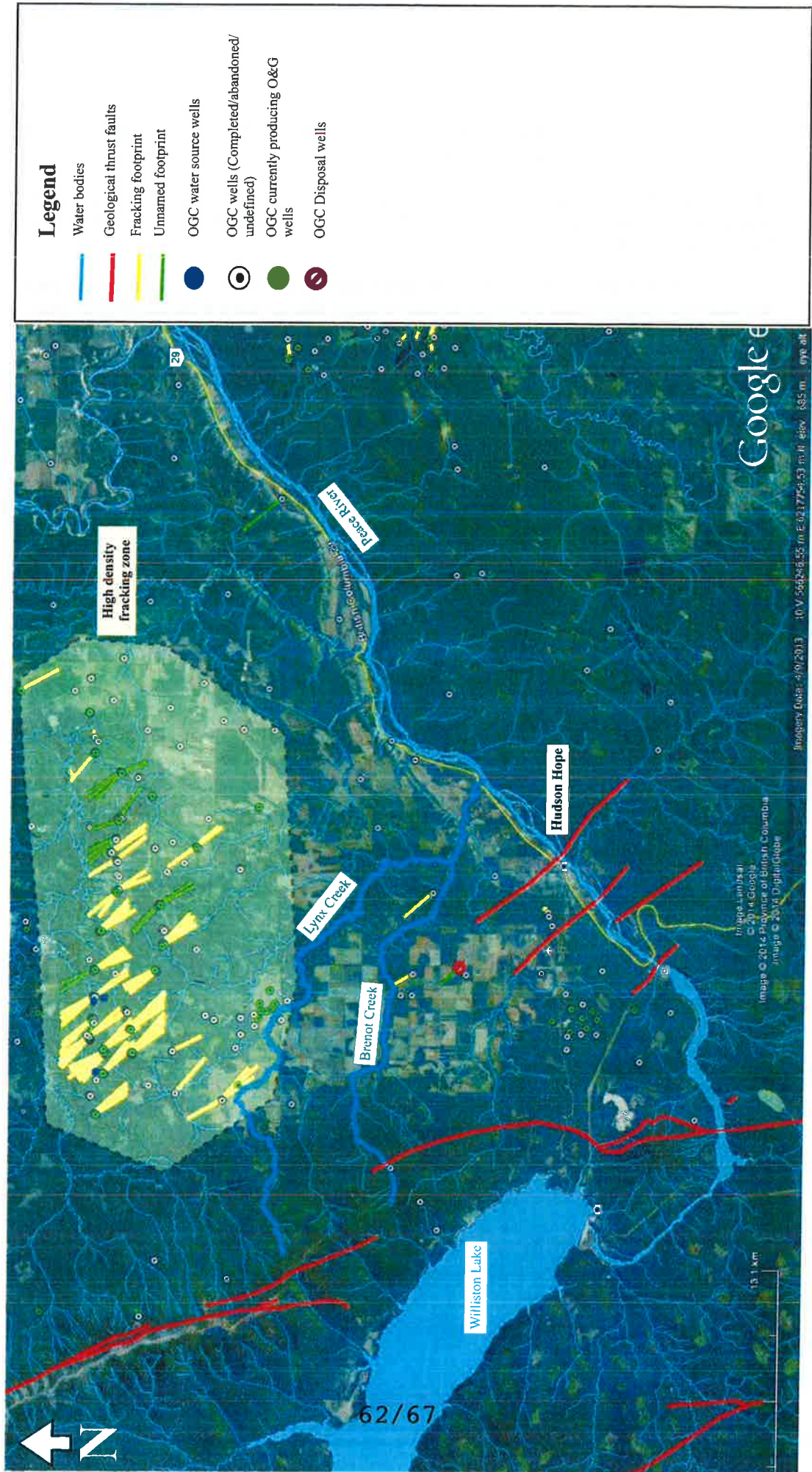
then, of course, we'll monitor that ever so much more closely from then on," said Ken Paulson, chief operating officer of the BC Oil and Gas Commission.

The Canadian Association of Petroleum Producers has voluntary guidelines that urge companies to assess the risk of seismic activity before drilling, and to adjust pressure and water volumes in the fracking operation to reduce risks.

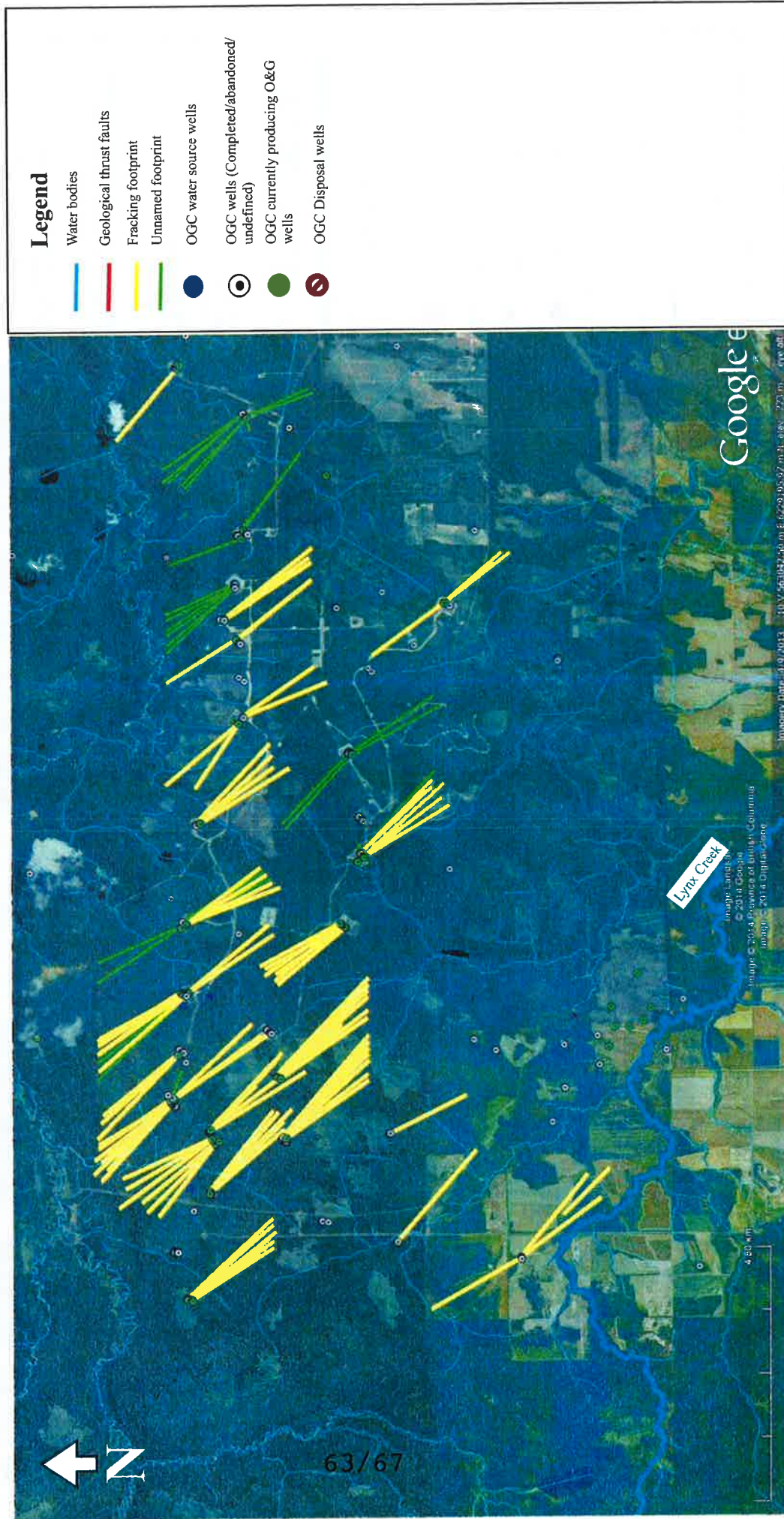
However, in Oklahoma, where high-volume waste-water injection has caused quakes, regulators have imposed even tougher rules. There, producers wanting a drilling permit must submit geological evidence that assesses seismic conditions. A permit will not be issued if conditions are deemed too risky. Under a "yellow light" permit, the operators can work for only six months, must shut down the well every 60 days to take specific pressure readings, and must stop if they encounter a prescribed level of seismic activity.

Dr. Atkinson said the voluntary approach is insufficient.

"It is my opinion that regulators do have a role to play in encouraging good practice and creating a level playing field, and that regulations around good practice and monitoring are probably good for everyone, including operators," she said.



High density fracking zone





Summary of Recent Interaction with Northern Health re: Health Care Services in HH

(End November – January 6)

January 7, 2015

On Nov. 30, Angela de Smit and Joanne Cozac were in the office and since then, there have been email exchanges. The following summarizes the exchange.

During the holiday, I visited someone who was a “Remote Communities Nurse Practitioner.” That seems to be one rung below a Nurse Practitioner. That position might also be on assistance to HH – but there’s no funding for that either.

Pharmacy:

Northern Health (NH) has committed to continue to fund Stacey, as she is close to her certification. Funding is contingent on her passing the remaining module. Some of her requirements may require her to be in Saskatchewan so she may be away from HH for a time. If all goes well, she may have her full certification by the end of June.

Northern Health funding is only available to NH employees so others interested would have to look elsewhere (eg EI, perhaps the pharmacy owner) if they need assistance.

BC Ambulance Service:

Rick Loukes has recommended that HH be a priority in the NE/NH for the next round of Community Paramedicine positions. Angela says that she understands that BCAS/MoH will be making an announcement early in 2016. There are apparently several “top communities” for the paramedics but she thinks that due to advocacy, HH has a good chance of being selected.

Physician Departure:

Pamphlets and a poster re: Dr Hubner’s departure are being handed out at the clinic.

NH is advertising the physician vacancy in HH.

Angela will be bringing the HH situation up at next week’s FSJ Physician meeting to gauge interest from FSJ physicians to provide some coverage. However, they are entering into a new alternate compensation model – including the physicians working under the Income Guarantee model at the beginning of March, which means NH will no longer be able to influence where they practice so if any choose to come here, it will be of their own volition. At the same meeting, she will discuss the possibility of a nurse practitioner in HH, in which case there would have to be physician support.

I asked whether it might make more sense to try to work with Saulteau/West Mo / Chetwynd rather than Fort St John. She says that right now, Chetwynd has 2 fulltime and 1 part-time physicians and they need a minimum of 4 to maintain regular ER on-call coverage and GP coverage and they are pretty exhausted with the schedule. They will get a 4th physician in Feb/March and a 5th in August. At that

CR5

time, there may be some interest in cooperating with HH. She will add the topic to her agenda to discuss, similar to what's being done in FSJ.

Dr Temple has asked HH to confirm what, if any incentive package we would be offering. She would like to include this in the recruitment package and wants to ensure that it is accurate. NH will be offering the same salary package that Cathy Ulrich shared with us at UBCM. She will be checking with the First Nations Health Authority to see if they are able to offer subsidies or salary for a physician.

Nurse Practitioner:

NH is not advertising for a Nurse Practitioner for HH. They do not have funding for a NP or for a Licensed Remote Community Nurse in HH as it would be an additional position and the current funding is for one fulltime RN in HH and that is Susan. Funding for physicians comes from the Ministry of Health via the Doctors of BC and cannot be used for any other health care provider. Similarly, the Nurse Practitioner salary funding is targeted/dedicated funding that NH received from the Ministry of Health.

NP's are able to access the RACE program for consultation with specialists. On Nov 30, Dr Hubner indicated they are able to provide almost all the same services as physicians in a primary care office: ordering diagnostic tests, referrals to specialists, writing prescriptions excluding narcotics.

NH is looking at continuation of the present NP traveling in to HH twice a week from FSJ. He still has one exam remaining (this month) in order to practice independently – but still must be under the supervision of a physician.

Housing:

Provision of housing is seen as a positive for attraction and retention of physicians and nurse practitioners.

I talked to Bill Lindsay and the Housing Society is meeting Monday to decide what to do with the house. The decision has to be made by the society but his impression is that they wish to "unload" the house – they've been drawing on their Silver Willow Reserve Fund to do maintenance and repairs. The next item of concern is the sliding glass doors. They've had Greg Sheldon look at it and he is concerned about dry rot in behind, which might then require a lot more work.

Decisions Needed in Near Future;

- 1) Incentive Package – size & composition (Salary Supplement or ??)**
- 2) Housing**

Respectfully Submitted,

A handwritten signature in blue ink that reads "Owen Johnson" followed by a stylized flourish.

HUDSON'S HOPE

Hudson's Hope Medical Centre

Notice of Dr. Rurik Hubner's Departure

Northern Health would like to advise that Dr. Rurik Hubner's last day at the Hudson's Hope Health Centre will be on March 18, 2016. We would like to thank Dr. Hubner for his service to the community, and wish him all the best in his new position.

Northern Health is working hard to recruit a new physician

Northern Health is currently working with local partners to recruit a new physician to Hudson's Hope. This position is also being promoted at conferences, on physicians.northernhealth.ca, and through advertising. The dedicated Northeast recruiter is working on this vacancy as a priority.

Northern Health recognizes the significant importance of primary care and is also looking at alternate options for meeting the health care needs of Hudson's Hope residents, including seeking a Nurse Practitioner to work in the community.

What should I do if a new physician is not recruited to Hudson's Hope by March 18, 2016?

Northern Health is currently working with local partners to recruit a physician to Hudson's Hope due to Dr. Hubner's upcoming departure.

If a new physician is not recruited to Hudson's Hope or alternate primary care options are not put in place by March 18, 2016, you are encouraged to contact one of the seven physicians in Fort St. John who have open practices.

Contact information for physicians in Fort St. John

You are encouraged to contact one of the following physicians who work in Fort St. John for your primary health care needs following Dr. Hubner's departure if a new physician has not been recruited or alternate options are not yet in place.

FSJ Medical Associates Clinic
10011 - 96 St. Fort St. John, B.C. V1J 3P3
Phone: 250-785-667

Dr. Hamid Sadri

FSJ Primary Care Clinic
10011 - 96 St. Fort St. John, B.C. V1J 3P3
Phone: 250-262-5210

Dr. Wea'am Abbas
Nanda Dr. Abimbola Olajide

Dr. Ramesh Kamath
Dr. Folakemi Olajide

Dr. Inthuja
Dr. Shiva Tayebi

For more information about the Northern Health recruitment process, contact:

Dr. Becky Temple, NE Medical Director
Phone: 250-261-7233 • Email: Becky.Temple@northernhealth.ca
northernhealth.ca

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