

**REGIONAL DISTRICT OF BULKLEY-NECHAKO
SUPPLEMENTARY AGENDA**

Thursday, February 25, 2016

<u>PAGE NO.</u>	<u>ADMINISTRATION REPORTS</u>	<u>ACTION</u>
2-9	Gail Chapman, CAO – RDBN Strategic Priority No. 2 – Legacy	Recommendation (Page 4)
10	Corrine Swenson, Manager of Regional Economic Development – Lakes District Fall Fair Association - Northern Development Application – North West RAC	Recommendation (Page 10)
11	Corrine Swenson, Manager of Regional Economic Development – RDBN – Northern Development Application – Marketing Initiatives Program	Recommendation (Page 11)
12	Hans Berndorff, Financial Administrator - Withdrawal from Insurance Reserve	Recommendation (Page 12)
13	Hans Berndorff, Financial Administrator - Fort St. James TV Rebroadcasting Proposed Tax Limit Increase	Receive

INVITATION

14-19	CI Energy Group's Cumulative Effects and the Future of Natural Resource Management - March 2-3, 2016 – Vancouver, B.C.	Receive
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BYLAW FOR FIRST, SECOND AND THIRD READING

20-21	<u>NO. 1765</u> – Fort St. James and Area Television Rebroadcasting Local Service Establishment Amendment (All/Directors/Majority)	1 st , 2 nd , and 3 rd Reading
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DISCUSSION

Corrine Swenson, Manager of Regional Economic Development – Strategic Workforce Opportunities Team Funding Update

NEW BUSINESS**ADJOURNMENT**



**REGIONAL DISTRICT OF BULKLEY-NECHAKO
Supplementary
MEMORANDUM**

TO: Chair Miller and Regional Board Members

FROM: Gail Chapman, CAO

DATE: February 24, 2016

SUBJECT: RDBN Strategic Priority No. 2 - Legacy

The Executive Committee at its February 11th, 2016 meeting discussed moving forward the RDBN Legacy Strategic Priority. As a result, staff was directed to develop a “draft” Memorandum of Understanding for consideration by RDBN Board members.

HISTORY

- 2014 RDBN secured the services of Fred Banham to develop an RDBN Industrial Benefit Position Paper;
- The RDBN and member municipalities compiled project/infrastructure together with associated costs which formed part of the Paper;
- The information was also used by the NW Resource Benefit Alliance to bring forward its “ask” of the Province;
- The “draft” RDBN Industrial Benefit Position Paper was presented to the RDBN Board of Directors June, 2015;
- The “draft” RDBN IBPP was forwarded to all member municipalities June, 2015 requesting that it be presented to Mayor/Council for review, input, and approval;
- Responses were received from the Village of Burns Lake, District of Houston in support;
- Smithers, Fort St. James, Vanderhoof, Telkwa, Granisle, and Fraser Lake did not respond (followup with communities was initiated);
- At a number of Executive Committee meetings during 2015; July, August, September and November, Fair Share, a legacy amount “ask” and strategy were discussed;
- The Executive Committee agreed an “up front” lump sum would be best rather than an annual amount;

RDBN Strategic Priority No. 2 – Legacy
Feb. 24, 2016
Page 2

PRESENT

- 2015-2019 RDBN Board Priorities
 - No. 1 FAIR SHARE (NW Resource Benefit Alliance)
 - RDBN is a partner regarding the NWRBA;
 - No. 2 LEGACY (RDBN)

COMPLEXITIES

- Complexity re multiple stakeholders (ie. Industry, First Nations, local/senior levels of government);
- There is a lack of information about the transient population and industry needs;
- Taxation pressures;
- Limited local government jurisdiction to respond to industry needs (transportation infrastructure, education);
- Uncertainty regarding growth/potential projects;
- Limited investment by CN in rail infrastructure;
- Possible disconnect between northern needs and provincial policies;
- Limited capacity at the local government level to implement legacy action plan;
- Industry secrecy makes it difficult to anticipate needs;

POSSIBLE ACTIONS

- Collaborate with all stakeholders (province, industry, First Nations);
- Work with and lobby industry to develop “Trust”;
- Have early conversations with broad stakeholders, present the “ask”;
- Engage frontline stakeholder employees;
- Don’t stop planning just because the commodity prices drop;
- Use clear language and promote clear intention of meetings;
- It will take time to get “legacy funding” in place for the region;
- Consider development of Memorandums of Understanding with industry for “Trust” while uncertainty exists;
- Develop RDBN Legacy timeline to drive the initiative and provide a reporting structure to the RDBN Board of Directors;
- Work toward an “allocation model” which must be agreed upon by RDBN and its member municipalities;
- Identify RDBN Board “champions” to act as lead re discussions with industry/province?;

RDBN Strategic Priority No. 2
Feb. 24/16
Page 3

- Consider hiring negotiator to act as lead re discussions with industry/province?;
- Prioritize and develop schedule re approaching industry (who/when).

Attached is a list of proposed projects within the RDBN which may or may not proceed.

Also, attached is a "draft" Memorandum of Understanding for Regional Board consideration. If approved, the RDBN can then move forward with securing meetings with industry with the intent of developing and building upon positive relationships across the region.

RECOMMENDATION:

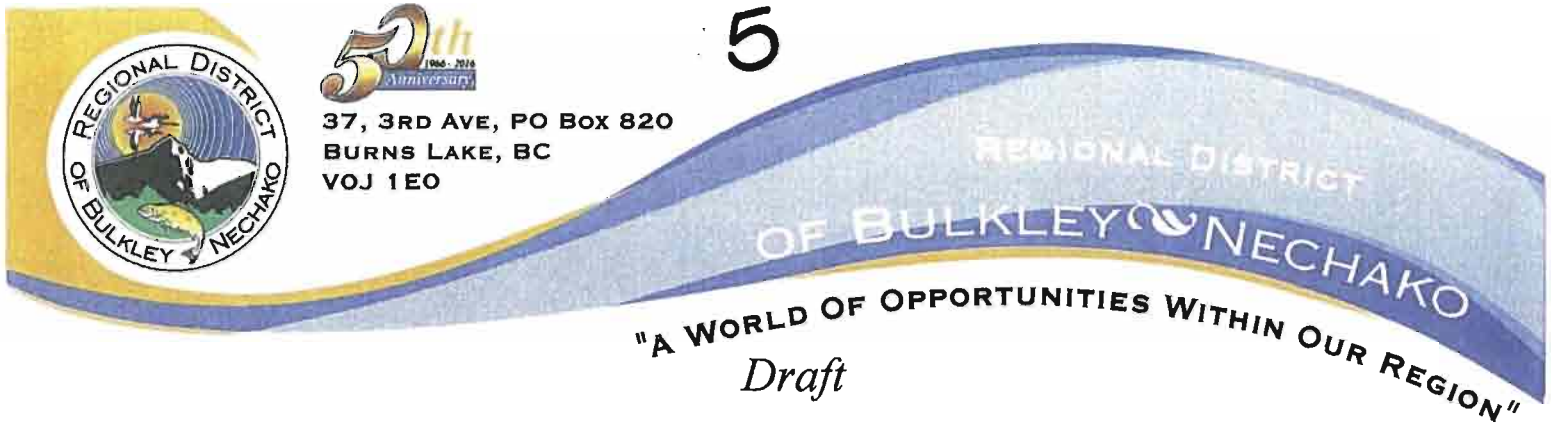
(ALL/DIRECTORS/MAJORITY)

"That the Regional District of Bulkley-Nechako Board of Directors approve the "draft" Memorandum of Understanding and direct staff to schedule meetings with industry with the intent of RDBN and industry executing a Memorandum of Understanding."



37, 3RD AVE, PO Box 820
 BURNS LAKE, BC
 VOJ 1E0

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REGIONAL DISTRICT
 OF BULKLEY-NECHAKO
 "A WORLD OF OPPORTUNITIES WITHIN OUR REGION"

Draft

MEMORANDUM OF UNDERSTANDING

between the

REGIONAL DISTRICT OF BULKLEY-NECHAKO

(RDBN)

and

(name of Company)

(the Company)

(referred to as the parties)

WHEREAS:

The Regional District of Bulkley-Nechako wishes to formalize a communications protocol in order to enhance opportunities for a positive relationship that will provide the foundation of trust between the parties and lead to expanded opportunities for the present and future residents of the Regional District of Bulkley-Nechako.

The parties wish to enter into this Memorandum of Understanding in order to acknowledge their strong desire to ensure that long-term, healthy, and sustainable local economic benefits are created and maintained.

AND WHEREAS:

The parties are committed to work together in a spirit of respect and commitment to a constructive working relationship recognizing that the RDBN is a responsible and accountable local government body with respect to matters within its jurisdiction.

That communications under the terms of this MOU does not preclude the Company from conducting other consultation/communication directly with RDBN member municipalities.



MUNICIPALITIES:

SMITHERS FORT ST JAMES
 VANDERHOOF FRASER LAKE
 HOUSTON TELKWA
 BURNS LAKE GRANISLE

ELECTORAL AREAS:

A - SMITHERS RURAL E - FRANCOIS/OOTSA LAKE RURAL
 B - BURNS LAKE RURAL F - VANDERHOOF RURAL
 C - FORT ST JAMES RURAL G - HOUSTON RURAL
 D - FRASER LAKE RURAL

INQUIRIES@RDBN.BC.CA

WWW.RDBN.BC.CA

PH: 250-692-3195

FX: 250-692-3305

TF: 800-320-3339

The parties entering into this MOU wish to maintain their own separate and unique mandates and their own accountabilities. The cooperation among the Parties as outlined in this MOU shall not be construed as a partnership or other type of legal entity. Nothing in this MOU shall be construed as an exclusive working relationship, nor does it constitute a legally binding commitment by any Party.

NOW THEREFORE the parties have a common understanding as follows:

PRINCIPLES

The purpose of the Memorandum is to ensure that both parties' interests are identified and understood so that they can work together toward joint opportunities that enhance certainty and long term economic sustainability and diversification of the region and its communities.

LIMITATIONS

This Memorandum of Understanding does not create any contractual, financial or other legal obligations for the parties.

TERM

This Memorandum takes effect on the date this Memorandum is executed by the parties and shall remain ongoing and has no fixed term.

REVIEW OF THE MEMORANDUM OF UNDERSTANDING

This Memorandum may be amended with the mutual written consent of the parties. Any such amendments will come into effect on the date determined by the parties.

MEETINGS

The scheduling of meetings, including their frequency, location, timing and identity of participants, is to be mutually agreed upon by the parties in conjunction with prior approval of the meeting agenda.

Meetings may take place at any time between the Company and RDBN member municipalities outside of meetings specifically with the RDBN.

Memorandum of Understanding
RDBN/(Name of Company)
Page 3

draft

CONFIDENTIALITY

The parties shall treat as confidential and safeguard, either during or after the term of the Memorandum, any confidential information acquired by or produced through the performance of this Memorandum and shall not use or disclose to any person, firm, corporation, either directly or indirectly, any such information without first obtaining the written permission of the other party.

The parties acknowledge and recognize that communications and information sharing for initiatives may be subject to the *Freedom of Information and Protection of Privacy Act*.

TERMINATION

Either party may terminate this Memorandum of Understanding by providing the other party with at least one (1) month written notice of its intention to terminate.

IN WITNESS WHEREOF the Parties hereto have hereunto executed this Memorandum of Understanding on the date first written above.

By Authorized Signatory
Chair, Regional District of Bulkley-Nechako

By Authorized Signatory
(Company)

Metals and Mining Projects in the Regional District of Bulkley-Nechako

Company	Project	Location	Status	RDBN Action
Thompson Creek Metals	Endako Mill Expansion	Area "D" - Endako Mine	Complete	
Thompson Creek Metals	Mt. Milligan Mine	Area "C" - Approx. 90 km north of Fort St. James	Under Construction	
Thompson Creek Metals	Berg Copper-Moly Mine	Area "E" - Approx. 25 km northwest of Huckleberry Mine	On hold pending completion of Mt. Milligan Mine	
Thompson Creek Metals	Davidson Deposit	Area "A" - Hudson Bay Mtn.- 9 km from Smithers	On Hold	
Newgold	Blackwater Mine	Located in Cariboo RD, 120 km south of Vanderhoof on the Kluskus Rd, but serviced from Vanderhoof	Feasibility Study underway	
Rio Tinto Alcan	Kitimat Modernization Project	Located in Kitimat - but the reservoir is located in RDBN Area "D" and "E"	Under Construction	
Imperial Metals	Huckleberry Mine Expansion - Extension of Mine Life	Area "E" - Huckleberry Mine	In Progress	
Pacific Booker Minerals	Morrison Copper-gold Mine	Area "G" 35 km north of Granisle	Environmental Assessment underway	
TTM Resources	Chu Molybdenum Mine	Located in Cariboo RD, 106 km south of Vanderhoof on the Kluskus Rd, but serviced from Vanderhoof	Environmental Assessment underway	

CN Rail

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Pipeline Projects in the Regional District of Bulkley-Nechako

Company	Project	Location	Status	RDBN Action
Enbridge	Northern Gateway Pipeline – Heavy Oil Pipeline and Condensate Pipeline	Alberta to Kitimat – RDBN Area B, C, G	Under Environmental Review	
Apache Canada	Pacific Trail Natural Gas Pipeline for LNG terminal	Summit Lake to Kitimat – RDBN Area B, C, D, E, F, G	Environmental Approvals received – commercial approval pending – clearing & logging in 2012	
Transcanada Pipelines	Shell Coastal GasLink Pipeline to LNG terminal	Dawson Creek to Kitimat – RDBN Area B, C, D, E, F, G	Environmental Assessment Application to be filed in 2014	
BC LNG Export Co-op	Douglas Channel Energy Partnership – small LNG plant using existing surplus PNG pipeline capacity	Located in Kitimat, but will reduce natural gas transmission costs for all PNG customers along Hwy 16	Application submitted to National Energy Board	
Pembina Pipelines	Condensate Pipeline	Kitimat to Summit Lake - Route unknown	Environmental Approvals in place – Commercial decision is pending	
Kinder Morgan	Spirit Pipeline – TMX North Project condensate pipeline	Kitimat to Valemount - Route unknown	Commercial Review underway	

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**Regional District of Bulkley-Nechako
SUPPLEMENTARY Board of Directors
February 25, 2016**

To: Chair Miller and the Board of Directors
 From: Corrine Swenson, Manager of Regional Economic Development
 Date: February 18, 2016
 Regarding: Lakes District Fall Fair Association- Northern Development Application-
 North West RAC

The Lakes District Fall Fair Association has submitted an application to Northern Development Initiative Trust's (Northern Development) Fabulous Festivals and Events, North West Regional Advisory Committee Account. An RDBN Board resolution is required in order for the Northern Development Board to approve the application.

Lakes District Fall Fair Association is requesting \$2,500 for their 73rd annual Fall Fair to be used to enhance the Children's Festival, teen activities and new in 2016 the Ranch Rodeo.

The Annual Fall Fair consists of a three day event in September which includes large livestock show, Music Festival, Children's Festival, Logger Sports, Stock Dog Trials, Horse events, children's events and 4-H. The event draws 2,700 attendees over the three days and averages over 200 volunteers. The event supports local businesses.

The projected 2016 budget for the Annual Fall Fair includes expenses of \$71,700 and revenue of \$82,000.

A copy of the application with attachments will be available at the Board meeting should Directors wish to review the information in greater detail.

Recommendation:	(All/Directors/Majority)
<p>That the Regional District of Bulkley-Nechako Board of Directors supports the Lakes District Fall Fair Association application to the Northern Development Initiative Trust – Fabulous Festivals and Events in the amount of \$2,500.</p>	



Regional District of Bulkley-Nechako SUPPLEMENTARY Board of Directors February 25, 2016

To: Chair Miller and the Board of Directors
From: Corrine Swenson, Manager of Regional Economic Development
Date: February 18, 2016
Regarding: RDBN- Northern Development Application- Marketing Initiatives Program

The RDBN has submitted two marketing initiatives applications to Northern Development Initiative Trust's North West and Prince George Regional Advisory Committee Accounts. An RDBN Board resolution is required in order for the Northern Development Board to approve the applications.

Application #1 – Investment Readiness Action Plan Implementation

Budget: \$65,087

Request: \$18,595 (50% NW and PG RACs)

- Identification of target market(s) for the region
- Repackage existing Industrial Land Use Inventories to use as a marketing tool to potential investors
- Create infographics to provide statistical information about the region
- Provide stories to media regarding economic development in the region
- Update and expand Regional/Community/Sector Profiles
- Assemble and publish relevant cost of living information
- Marketing to Small Business
- Implement a Social media strategy
- Promote Opportunities website

Application #2 – Regional Tourism Marketing Project

Budget: \$58,888

Request: \$16,824 (PG RAC)

- Design, produce and install Tourism Itinerary Signage
- Participate in the NBCT Google Trekker Program
- Produce video vignettes of regional accommodations
- Upgrade the visitbulkleynechako web site
- Acquire 900 professional photographs to the Regional Image Bank
- Hire a temporary part time Social Media Coordinator
- Implement a social media plan for visitbulkleynechako
- Organize a social media contest

A copy of the application with attachments will be available at the Board meeting should Directors wish to review the information in greater detail.

Recommendation:

(All/Directors/Majority)

That the Regional District of Bulkley-Nechako Board of Directors supports

1. the Investment Readiness Action Plan Implementation application to the Northern Development Initiative Trust – Marketing Initiatives Program in the amount of \$18,595.
2. the Regional Tourism Marketing application to the Northern Development Initiative Trust – Marketing Initiatives Program in the amount of \$16,824.



Regional District of Bulkley-Nechako Memo – Board Supplementary Agenda February 25, 2016

To: Chair Miller and the Board of Directors
From: Hans Berndorff, Financial Administrator
Date: February 23, 2016
Re: Withdrawal from Insurance Reserve

To the end of 2015, the RDBN has paid legal costs of \$11,494 to the Municipal Insurance Association in connection with the Funk vs. RDBN claim. The RDBN is responsible for costs up to the \$50,000 deductible of our MIA liability insurance coverage.

When the RDBN first increased the deductible from \$25,000 to \$50,000, an insurance reserve was established and the annual premium savings resulting from the increased deductible were contributed to the reserve. The reserve is meant to pay for deductible costs incurred in a claim. There is currently a balance of \$52,161 in the reserve.

The Board is being requested to authorize the withdrawal from the Insurance Reserve of costs incurred for the Funk claim up to a maximum of \$50,000, being the deductible limit.

I would be pleased to answer any questions.

Recommendation:	(participants/weighted/majority)
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That the Board of Directors:

- | |
|--|
| <ol style="list-style-type: none"> 1. Receive the Financial Administrator's February 23, 2016 memo titled "Withdrawal from Insurance Reserve"; and, 2. Authorize the withdrawal from the Insurance Reserve of costs incurred for the Funk claim up to a maximum of \$50,000. |
|--|



REGIONAL DISTRICT OF BULKLEY-NECHAKO
Memo – Supplementary Board Agenda
February 25, 2016

To: Chair Miller and the Board of Directors
 From: Hans Berndorff, Financial Administrator
 Date: February 23, 2016
 Re: Fort St. James TV Rebroadcasting Proposed Tax Limit Increase

The Fort St. James TV Rebroadcasting Society has requested additional funding to add more digital channels. For 2016, the Society is requesting \$155,922 in funding. The participants in the service are the District of Fort St. James and a portion of Electoral Area "C".

As the service establishment bylaw authorizes only \$131,250 in taxation, an amendment to increase the tax limit by 25% to \$164,062 has been requested. Regulation 113/2007 would allow a 25% increase without the Inspector's approval if this bylaw were brought forward for three readings 5 years after the previous increase, which would be April 11, 2016. However, since this is a few days after our deadline for budget approval and also one day after the deadline for filing the tax requisition, Ministry Staff have recommended that the RDBN consider Board approval with the consent of the participants and the approval of the Inspector of Municipalities.

The 2015 residential tax rate at the current tax limit of \$131,250 was \$0.33 per \$1,000. Because converted assessments have increased by 19% due to the new biomass plant in Fort St. James, the residential tax rate at the proposed limit of \$164,062 would be \$0.34 per \$1,000. At the average residential property value of about \$143,000 in the service area, the average residential property would see an increase of \$1.43 per year at the proposed new tax limit.

The Board is being requested to consider giving three readings to Bylaw No. 1765 further in the agenda.

I would be pleased to answer any questions.

Recommendation:

(all/directors/majority)

That the memo from the Financial Administrator dated February 23, 2016 regarding the Fort St. James TV Rebroadcasting proposed tax limit increase be received.

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CI Energy Group's

RECEIVED

FEB 19 2016

REGIONAL DISTRICT OF
BRITISH COLUMBIA

CUMULATIVE EFFECTS

and the Future of **Natural Resource Management**

Ensure Compliance. Build Consensus. Strengthen Your Social License to Operate.

March 2 – 3, 2016 | Pinnacle Hotel Harbourfront | Vancouver

Hear from a distinguished faculty of industry, government and Aboriginal experts from:

BC Ministry of Forests, Lands and
Natural Resource Operations

Columbia Power

Office of the Auditor General of BC

Stantec

Teck Resources Ltd.

Union of BC Indian Chiefs

- Hear from the BC Ministry of Forests, Lands and Natural Resource Operations about the progress made on their Cumulative Effects Framework, including timelines, targets and implementation plans
- Explore ways to ensure effective engagement and collaboration between all stakeholders, including industry, government, Aboriginal communities and non-government organizations
- Gain new insights from multi-stakeholder perspectives as they discuss — and debate — the future of cumulative effects management

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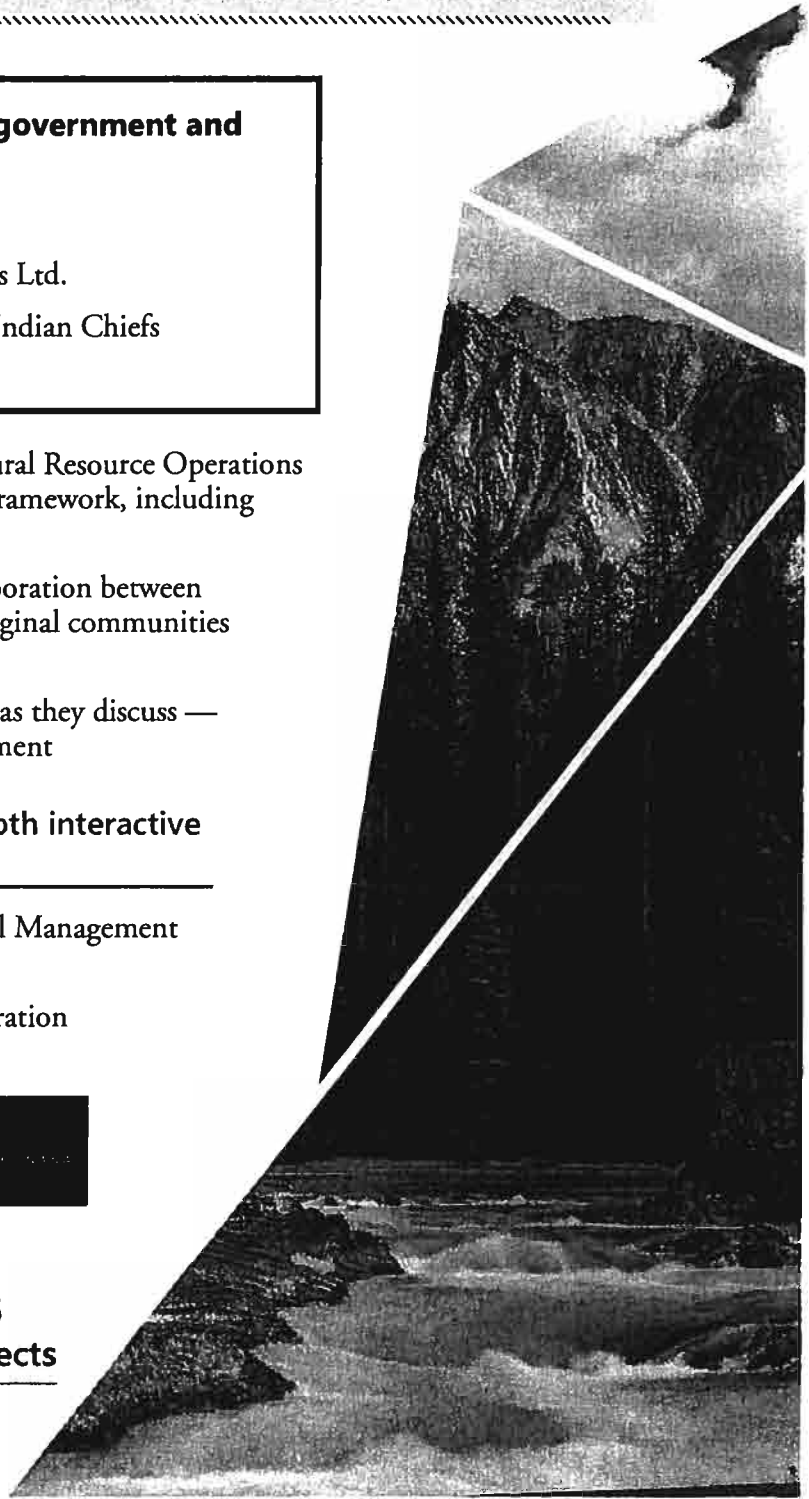
- A** Integrated Modeling for Cumulative Environmental Management & Planning
- B** An In-Depth Guide to Site Remediation and Restoration

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Ensure compliance. Build consensus. Strengthen your social license to operate.

It has been a transformative year in the policy and practice shaping cumulative effects. With the rollout of BC's new framework, landmark court decisions, tremendous activity in resource development, and conflicting priorities of various stakeholders involved, the meaning of cumulative effects and its effective use in environmental stewardship is a growing source of uncertainty and debate.

What has remained the same is an urgent need for industry, government, First Nations and other key stakeholders to engage in meaningful conversation around the future of project development in BC and beyond. Indeed, to build consensus around the management of cumulative effects, all parties must come together to decide how much change is acceptable, while accepting that land can't be all things to all people at all times.

CI Energy Group's conference on Cumulative Effects and the Future of Natural Resource Management will shed light on regulatory changes, leading practices in assessment and opportunities for consensus moving forward.

- What progress has been made on BC's Cumulative Effects Framework and how will it impact project development?
- How can you ensure that all key stakeholders are on the same page early and collaborating to manage cumulative effects?
- Can cumulative effects management be designed in a more robust and inclusive fashion that becomes easier for all industries to support?
- What are the critical policy and practice needs for influential regional cumulative effects assessments?

Join a diverse Faculty of Speakers including representatives from Government of BC, FortisBC, Teck Resources, University of Saskatchewan, Stantec, Union of BC Indian Chiefs, Columbia Power, and many more as they discuss comprehensive, integrated methods for balancing the social, economic and environmental impacts of project development.

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Supported by:



The **Cumulative Impacts Research Consortium (CIRC)** brings together diverse perspectives from across northern BC to better understand the cumulative impacts of natural resource development and multiple land uses. The CIRC seeks

to integrate environmental, community, and health concerns into a holistic consideration of how to balance social and economic development with environmental sustainability. For more information visit www.unbc.ca/cumulative-impacts.

Distinguished Faculty

David Bennett
Director, Communications & External Relations
FortisBC

Chris Buss
Project Lead
Cumulative Impacts Research Consortium
University of Northern BC

Andrie Chevrier
Director, Operational Support Division
Canadian Environmental Assessment Agency

Jessica Clogg
Executive Director and Senior Counsel
West Coast Environmental Law

Monique Dube, PhD
Chief Environmental Scientist
Alberta Energy Regulator

Vesta Filipchuk
Community and Aboriginal Relations –
Exploration – Canada & USA
Teck Resources Ltd.

Phil Germush
Mayor
District of Kitimat

George Heymann
Senior Principal, Environmental Services
Stantec

Roy Miller
Partner
Blake, Cassels & Graydon LLP

Peter Nagati
Director
Office of the Auditor General of BC

Brian Noble, PhD
Professor, Environmental Assessment
University of Saskatchewan

Stewart Phillip
Grand Chief
Union of BC Indian Chiefs

Dave Porter
Chief Executive Officer
First Nations Energy and Mining Council

Ward Prystay
Oil and Gas Sector Leader (Canada)
Environmental Services
Stantec

Ellis Ross
Chief Councillor
Haisla Nation

Brock Simons
Associate, Senior Wildlife Biologist
Golder Associates Ltd.

Jason Smith
Senior Analyst, Resource Management
Cortex Consultants Inc.

Barry Wilson
Systems Ecologist
ae analytic ltd.

Frank Wiselaki
President & CEO
Columbia Power

Confirmed Representative
BC Ministry of Forests,
Lands and Natural Resource Operations



8:00 Registration Opens and Refreshments are Served

9:00 **Opening Remarks from Conference Co-Chairs**

Cumulative Effects Defined

George Hegmann
Senior Principal, Environmental Services
Stantec

9:20 **Keynote Speech: Canada's Climate Effort: Is National Coherence Possible?**

Mark Jaccard
Professor, School of Resource and Environmental Management
Simon Fraser University

REGULATORY INITIATIVES AND PERSPECTIVES

10:00 **Update from the Office of the Auditor General of British Columbia — An Overview of the Report on Managing the Cumulative Effects of Natural Resource Development in BC**

Peter Nagati
Director
Office of the Auditor General of BC

- Examining conclusions and recommendations made in the report
- Understanding the relationship between cumulative effects *assessment* and *management* and ensuring assessments are shaping policy and development decisions
- Recommendations for breaking down silos to ensure departments and stakeholders are on the same page

10:40 Networking Refreshment Break

10:55 **Update on BC's Cumulative Effects Framework — Exploring Timelines, Targets and Implementation Plans**

Confirmed Representative
BC Ministry of Forests, Lands and Natural Resource Operations

- What are the regulatory responses, terms and conditions on projects?
- How will the framework be managed in relation to other government policies and mandates?
- Incorporating cumulative effects assessments into decision-making – turning assessments into meaningful policy

11:15 **Assessing Cumulative Environmental Effects under the Canadian Environmental Assessment Act, 2012 (CEAA 2012)**

Andrée Chevrier
Director, Operational Support Division
Canadian Environmental Assessment Agency

- An introduction to key provisions of CEAA 2012 as they relate to cumulative environmental effects
- An overview of the relevant operational policy instruments and how they were developed
- A description of the Operational Policy Statement and Technical Guidance on assessing cumulative environmental effects

11:35 **Cumulative Effects Assessment in the Regulatory Context: A Case Study for the Alberta Energy Sector**

Monique Dube, PhD
Chief Environmental Scientist
Alberta Energy Regulator

- An understanding of the history and jurisdiction for cumulative effects management in Alberta
- Identifying the attributes of a cumulative effects management system
- A case study in managing cumulative effects

12:10 Networking Luncheon for Speakers and Delegates

PERSPECTIVES FROM FIRST NATIONS

1:15 **Using and Thinking of Cumulative Effects on the Land**

Stewart Phillip
Grand Chief
Union of BC Indian Chiefs

- Understanding right and title, land ownership and community-based management of the land
- Exploring the path forward — where First Nations want to go and where they want the province to go with them

1:45 **How First Nations, Government and Industry Can Act as Partners to Measure and Monitor Cumulative Effects**

Ellis Ross
Chief Councillor
Haisla Nation

- Understanding the importance of approaching First Nations for input
- Exploring research conducted by First Nations on cumulative effects
- Realizing the importance of engaging early to avoid project delays
- Examining the key ingredients for partnerships in both assessments and project development

2:30 Networking Refreshment Break

ACADEMIC PERSPECTIVES

2:45 **Toward a Holistic, Integrated Approach — Update from the Cumulative Impacts Research Consortium (CIRC)**

Chris Buse
Project Lead
Cumulative Impacts Research Consortium, University of Northern BC

- How is CIRC helping to bridge the gap between policy and practice?
- Combining research with community outreach — an overview of winning approaches
- Translating knowledge on cumulative impacts into a framework for future research and policy development

INDUSTRY PERSPECTIVES

3:30 **Cumulative Effects in Secwépemcúl'ecw — Many Stories To Tell**

Barry Wilson
Systems Ecologist
ce analytic ltd.

- Approaching cumulative effects from a holistic & indigenous perspective
- Exploring meaningful time & space
- Understanding the major drivers of change
- Communication and collaboration

4:00 **Panel: Industry Perspectives on Cumulative Effects Assessment & Management**

Frank Wszelaki
President & CEO
Columbia Power

Other panelists to be announced

- Exploring ways in which different industries have made progress in the management of cumulative effects
- Gaining a better understanding across sectors about the different business cycles for each industry and how they would need to be coordinated to assess and manage cumulative effects

4:45 Closing Remarks from Co-Chairs
Conference Adjourns

8:30 Refreshments are Served

9:00 **Opening Remarks from Conference Co-Chairs**

CEAM ISSUES AND SOLUTIONS

9:15 **Ensuring Parties are on the Same Page Early — Effective Stakeholder Engagement and Collaboration to Strengthen Results**

David Bennett

Director, Communications & External Relations
FortisBC

Vesta Filipchuk

Community and Aboriginal Relations – Exploration – Canada & USA
Teck Resources Ltd.

- Understanding how stakeholders, government and industry share responsibility for engagement
- Why your social license to operate is crucial to project success and how CEAM can strengthen it
- Championing capacity building to strengthen your initiatives
- Ways to facilitate information sharing, and monitoring the quality of this information
- Realizing the benefits of engaging early — whether it is with government, First Nations, or the public

10:00 **Accommodating Multiple Users and Managing Overlapping Tenures**

Roy Millen

Partner
Blake, Cassels & Graydon LLP

- Conducting effective due diligence to gain knowledge of other land-use plans and tenures
- Best practices for reducing conflict between parties
- Familiarizing yourself with the appropriate regulations to ensure compliance
 - Understanding rights and limitations of tenures
- Ensuring proactive communication between parties while being mindful of proprietary issues
- Examples of clear agreements that effectively mitigate risk and conflict down the road
- Deciding how much change is acceptable while accepting that land can't be all things to all people at all times

10:30 Networking Refreshment Break

10:45 **The Challenges and Hope of Regional Cumulative Effects Assessments**

Bram Noble, PhD

Professor, Environmental Assessment
University of Saskatchewan

- An overview of the current state of regional cumulative effects assessment and monitoring programs from across Canada
- Identifying different approaches to regional cumulative effects assessment, including the types of questions asked and the indicators used
- How regional cumulative effects assessments link-up to policy, land use planning and regulatory decision making
- Policy and practice needs for influential regional cumulative effects assessments

11:15 **Defining the Scope, Thresholds and Time Horizons of Cumulative Effects**

Brock Simons

Associate, Senior Wildlife Biologist
Golder Associates Ltd.

- Clarifying the time horizons of a cumulative effects assessment: How far do you have to look back? How far do you look ahead?
- Identifying past, current and future projects to include in analysis and scenarios
- Understanding how thresholds impact the approval of a plan or project

12:00 Networking Luncheon for Speakers and Delegates

1:00 **Assessing Cumulative Effects — Leading Practices from the Ground Up**

Jason Smith

Senior Analyst, Resource Management
Cortex Consultants Inc.

- Departing from conventional assessment methodologies — outlining novel ways to measure cumulative effects
- Ways to document predicted changes from the proposed activity combined with other activities that could be reasonably anticipated
- Geographic Information Systems (GIS): latest developments in cumulative effects mapping and modeling
- Are there mechanisms to deliver assessments in a more cost-effective way than they are done currently?
- Integrating assessments into decision-making — ensuring that assessments align with management

1:45 **Taming the Data Beast — How Much Data is Enough to Inform Cumulative Effects Assessment & Management?**

Ward Prystay

Oil and Gas Sector Leader (Canada)
Environmental Services
Stantec

- Ensuring that data is relevant and can be interpreted at multiple scales that have value to all stakeholders
- Building fiscal durability around your system — how can you sustain the system required to collect data and maintain the quality of it long-term?
- Considering the split between government and industry input into data collection — what does that look like and is a consistent rule-set possible?
- Managing data that has not been collected in the same fashion — overcoming the challenge of assessments done independently of one another
- How can you capture data that is meaningful and relevant from a Treaty Rights perspective? How do you roll that data into an assessment?

2:30 Networking Refreshment Break

2:45 **Thought-Leaders' Roundtable: Multi-Stakeholder Perspectives on the Future of Cumulative Effects Assessment and Management**

Jessica Clogg

Executive Director and Senior Counsel
West Coast Environmental Law

Phil Germush

Mayor
District of Kitimat

George Hegmann

Senior Principal, Environmental Services
Stantec

Dave Porter

Chief Executive Officer
First Nations Energy and Mining Council



- What is the current state of cumulative effects management? Are companies executing cumulative effects assessments properly?
- The municipal perspective – how are local governments managing regulatory changes?
- Who owns cumulative effects? Who *should* be responsible for CEAM and why?
- What are some alternatives to cumulative effects?
- How do cumulative effects influence what projects move forward?

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- What are some of the challenges involved in reconciling science with policy — and politics? Can the two be reconciled?
- Who needs to come to the table in order for cumulative effects to be effective?
- Can cumulative effects management be designed in a more robust and inclusive fashion that becomes easier for all of the industries to support?

4:15 Closing Remarks from Co-Chairs
Conference Concludes

[[Pre-Conference Workshops – Tuesday, March 1, 2016]]

9:00 am – 12:00 pm (Registration Opens at 8:30 am)

A

Integrated Modeling for Cumulative Environmental Management & Planning

Barry Wilson
Systems Ecologist, ce analytic ltd.

Ryan MacDonald, Ph.D.
Hydrologist

Moving from concepts to cumulative effects assessment requires an approach that integrates data, knowledge, and tools. This workshop will explore real cumulative effects simulations undertaken in BC and around the world using the ALCES Online software. Participants will see how changes to the natural and built environment can be simulated with user-friendly software tools designed specifically to meet the needs of analysts, planners and managers. Participants will have the opportunity to learn how to:

- Integrate multiple data sources and models for holistic cumulative effects planning
- Develop reasonable assessments while acknowledging and understanding uncertainties
- Use these tools to actively evaluate potential consequences and benefits, while managing risk
- Ensure credible scientific transparency within the process and results

1:00 pm – 4:00 pm (Registration Opens at 12:30 pm)

B

Progressive, Interim and Final Reclamation of Disturbed Areas

Reclamation activity is constantly evolving as new operational strategies and technologies are put in place to minimize a project's environmental footprint. This interactive workshop will walk you through leading developments and latest techniques for reclamation of affected lands.

- Creating an effective reclamation strategy and plan: defining objectives, contingency plans and project schedule
- Forming an effective reclamation working group with key stakeholders to ensure mutual objectives are met
- Setting benchmarks and ensuring your plan stays on track
- Latest technological innovations and methods for reclamation
- Exploring new regulatory frameworks impacting tailing ponds management

[[A light lunch will be served to those attending Workshop A & B.]]

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1 YES! Register the following delegate for **CUMULATIVE EFFECTS** and the *Future of Natural Resource Management*

FEE PER DELEGATE	SAVE \$200 Register & Pay by January 27, 2016	Register & Pay after January 27, 2016
PLEASE ADD 5% GST TO ALL ORDERS		
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<input type="checkbox"/> Program + 1 Workshop <input type="checkbox"/> A or <input type="checkbox"/> B	\$2790	\$2960
<input type="checkbox"/> ELITEPASS* Program + Both Workshops	\$3385	\$3585
<input checked="" type="checkbox"/> Program (on site)	\$1995	\$2195
<input checked="" type="checkbox"/> Program + 1 Workshop <input type="checkbox"/> A or <input type="checkbox"/> B	\$2590	\$2790
<input checked="" type="checkbox"/> ELITEPASS* Program + Both Workshops	\$3185	\$3385
<small>All program participants will receive an online link to access the program materials as part of their registration fee <input type="checkbox"/> Please add a copy of the Program Proceedings <input type="checkbox"/>BINDER or <input type="checkbox"/>CD-ROM to my order for \$295 + \$22.95 (S+H) + applicable taxes *Program Proceedings are published and shipped 4 weeks from the program <input type="checkbox"/> I cannot attend but would like information on purchasing a copy of the Program Proceedings †This special pricing offer cannot be combined with group rates or any other special offers. CI reserves the right to review eligibility for the Aboriginal Communities rate. </small>		

*ELITEPASS is recommended for maximum learning and networking value.

2 CONTACT DETAILS

NAME _____ POSITION _____

ORGANIZATION _____

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APPROVING MANAGER _____ POSITION _____

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ADMINISTRATIVE DETAILS

VENUE: Pinnacle Hotel Vancouver Harbourfront
 ADDRESS: 1133 W Hastings St, Vancouver, BC
 TEL.: (604) 689-9211 or 1 (844) 337-3118

Hotel Reservations

A limited number of rooms have been set aside at the Pinnacle Hotel Vancouver Harbourfront at a special rate until the block is full or the hotel is sold out. Room rates start at \$149.00 per night and are available on a first come, first served basis. Please book as soon as possible at rooms are selling out. For reservations please call 1 (844) 337-3118 and mention you are with the "Cumulative Effects & Natural Resources Conference" to receive the group rate. To book on-line please go to www.canadianinstitute.com/CumulativeEffects2016 and enter your dates.

Registration Fee

The fee includes the program, all program materials, coffee breaks and lunches.

Payment Policy

Payment must be received in full by the program date to ensure admittance. All discounts will be applied to the Program Only fee (excluding add-ons), cannot be combined with any other offer, and must be paid in full at time of order. Group discounts available to 3 or more individuals employed by the same organization, who register at the same time. For more information on group rates, please call 1-877-927-7936.

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You must notify us by email at least 48 hrs in advance of the conference if you wish to send a substitute participant. If you are unable to find a substitute, please notify us in writing no later than 10 days prior to the conference date and a credit voucher will be issued to you for the full amount paid, redeemable against any other Canadian Institute conference in the next 12 months.

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and the Future of Natural Resource Management

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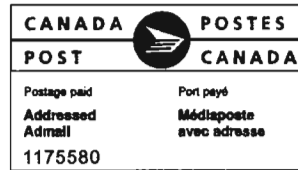
March 2-3, 2016 | Pinnacle Hotel Harbourfront | Vancouver

Top Reasons to Attend

- ✓ Get a clear vision of where cumulative effects management is heading
- ✓ Take back knowledge to assess and manage your cumulative impacts
- ✓ Network with key players in the environmental assessment field
- ✓ Discover ways that First Nations, government and industry can act as partners to manage cumulative effects
- ✓ Learn about the implementation of cumulative thresholds

To expedite your registration, please mention your Registration Code

343V16.INH



5 Easy Ways to Register

PHONE:
1-877-927-7838

EMAIL:
CustomerService@CanadianInstitute.com

ONLINE:
www.CanadianInstitute.com/CumulativeEffects

FAX:
1-877-927-1563

MAIL:
The Canadian Institute
1329 Bay Street
Toronto, Ontario M5R 2C4

ATTENTION MAILROOM: If undeliverable to addressee, please forward to:
Environmental and Regulatory Compliance



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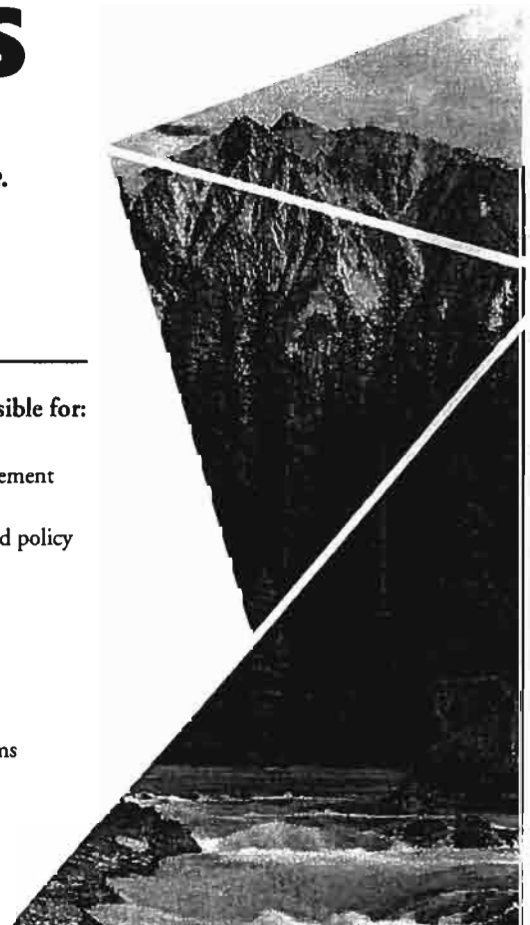
Who You Will Meet

Network and build relationships with a broad range of senior executives and management responsible for:

- Environmental impact assessments
- Environmental regulatory compliance
- Land management
- Resource development
- Project approvals and development
- Sustainability program management
- Stakeholder relations and community engagement
- Project approvals
- Air, water, land, and biodiversity research and policy
- Government relations and regulatory affairs

From Industry sectors including:

- Natural Gas Exploration and Production Companies
- Natural Gas Pipeline and Processing Companies
- LNG Terminal Developers
- Exploration and Production Companies
- Pipeline and Midstream Companies
- Gas Processors
- Oil Refineries and Upgraders
- Oil Sands Operators and Developers
- Mining
- Forestry, Pulp and Paper
- Aboriginal Communities
- Engineering and Environmental Service Firms
- Government and Regulatory Bodies
- Law Firms with environmental practices
- Resource sector industry associations



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1st, 2nd & 3rd Reading

REGIONAL DISTRICT OF BULKLEY-NECHAKO

BYLAW NO. 1765

A bylaw to amend the tax limit for the Fort St. James and Area Television Rebroadcasting Local Service

WHEREAS the Regional District of Bulkley-Nechako has established by Bylaw No. 754 the Fort St. James and Area Television Rebroadcasting Local Service in the District of Fort St. James and a portion of Electoral Area "C" (Fort St. James Rural);

AND WHEREAS the Regional District wishes to increase the maximum annual tax requisition for this service from \$131,250 to \$164,062;

AND WHEREAS under Sections 346 and 347 of the *Local Government Act*, the participants have consented to the adoption of this Bylaw;

AND WHEREAS the approval of the Inspector of Municipalities has been obtained under Section 349 of the *Local Government Act*;

NOW THEREFORE the Regional Board of the Regional District of Bulkley-Nechako, in open meeting assembled, enacts as follows:

1. Section 4 of Bylaw No. 754, is hereby repealed and replaced with the following:

"4. The maximum amount that may be requisitioned annually for this service, under Sections 385 and 387 of the *Local Government Act*, shall be ONE HUNDRED SIXTY-FOUR THOUSAND SIXTY-TWO (\$164,062) DOLLARS."

2. This bylaw may be cited as "Fort St. James and Area Television Rebroadcasting Local Service Establishment Amendment Bylaw No. 1765, 2016".

READ A FIRST TIME this day of , 2016

READ A SECOND TIME this day of , 2016

READ A THIRD TIME this day of , 2016

CONSENT OF THE DIRECTOR OF ELECTORAL AREA "C" received this day of , 2016.

CONSENT OF THE DISTRICT OF FORT ST. JAMES received this day of
, 2016.

ADOPTED this day of , 2016

Chairperson

Corporate Administrator

I hereby certify that the foregoing is a true and correct copy of Bylaw No. 1765 as adopted.

Corporate Administrator