



**YUKON ENERGY
CORPORATION**
P.O. Box 5920
WHITEHORSE
YUKON Y1A 6S7
(867) 393-5300

March 9, 2015

Bruce McLennan, Chair
Yukon Utilities Board
Box 31728
Whitehorse, YT Y1A 6L3

Dear Name: Mr. McLennan

Re: An Application by Yukon Electrical Company Ltd. And Yukon Energy Corporation to Revise the Diesel Contingency Fund & Related Amendments to Rate Schedule 42 Pertaining to the Energy Reconciliation Adjustment (DCF/ERA Proceeding)

Yukon Energy is seeking approval of costs incurred in relation to the above noted DCF/ERA Proceeding.

Attached please find Yukon Energy's filing and supporting information for costs related to the DCF/ERA proceeding, including the following material (**Attachment A**):

- An Affidavit of Fees and Disbursements (Form 4);
- A Summary of Total Costs Claimed (Form 1);
- A Summary of Professional Fees Claimed (Form 2);
- A Summary of Disbursements Claimed (Form 3); and
- A Summary of Total Fees and Disbursements for Preparation, and Argument and Reply for Davis LLP (Davis), InterGroup Consultants Ltd (InterGroup) and KGS Group (KGS). For InterGroup this summary includes a separate table that also summarizes the Allocation of InterGroup Production and Administrative Costs.

Also attached is relevant supporting documentation for the above-noted costs incurred, including invoices, receipts and timesheets (**Attachment B**), and documentation to support the professional experience of consultants retained by YEC to provide assistance in this matter (**Attachment C**). This includes confirmation of retainer for legal counsel and consultants retained by Yukon Energy to provide assistance in this matter.

The total claimed amount included in Form 1 of Attachment A is \$176,432.89, including \$25,962.37 for legal fees and disbursements, \$150,231.89 for consultant fees and disbursements (InterGroup and KGS combined), and \$238.63 for Yukon Energy disbursements. In the 2012/13 GRA Compliance Filing¹, Yukon Energy indicated that it would establish a Hearing Cost Reserve Account. The amounts awarded for this Application will be included in the Hearing Cost Reserve Account and addressed at the time of the next General Rate Application.

The claimed amount includes costs incurred related to the following key activities:

- Consultation with YECL/AEY from July 2013 to January 2014 in order to see if a joint recommendation regarding the DCF and related amendments to the ERA could be provided to the YUB for review (as directed by the YUB in Order 2013-1 and 2013-3).
- Preparation of the January 31, 2014 Application to the YUB (including costs incurred to prepare, draft, review and file the final Application document);
- Preparation of the June 30 Supplementary Filing;
- Preparation of Information requests to YECL/AEY and preparation of responses to Information Requests in July/August 2014 (including costs incurred to prepare, draft, review, and file final consolidation of responses to information requests);
- Preparation of Rebuttal Evidence filed in October 2014;
- Preparation of Argument and Reply filed in October/ November 2014.

A more detailed summary and explanation of costs incurred is provided below.

Summary of Applicant Costs

Applicants have a separate and distinct role from intervenors in the public review process and separate types of activities, requirements and costs must be incurred by Applicants that are not incurred by intervenors, specifically:

- Applicant costs are effectively incurred as a necessary part of its business or operations as a regulated utility;
- Applicants begin to incur costs related to their application prior to a formal process with the YUB commencing, i.e., costs to prepare and file an Application;
- Applicants that require a review or approval by the YUB must engage in the formal review process and cannot realistically limit their level of participation in the process, i.e., applicants must address all issues and questions raised by intervenors and the Board as they arise;

¹ June 20, 2013 Re-filing pages 1-7 and 4-7.

- An applicant must participate actively in the process and typically cannot reasonably coordinate with others to increase efficiency or reduce duplication.

This proceeding required significant analysis, writing, review and production to ensure accurate, clear and coherent documents were provided and properly defended before the YUB. This involved support from legal counsel, regulatory consultants and other external experts, as well as individuals within YEC. The review process before the YUB also involved a number of different activities that occurred over an extended timeframe (with the consultation process with YECL/AEY starting in July 2013 and extending to January 2014, and the subsequent review process before the YUB extending to November 2014). The following is specifically noted regarding the extended review process:

- YEC initially filed its DCF and ERA proposals as part of its 2012/13 GRA – however, the YUB in Order 2013-01 and Order 2013-3 did not approve the initial proposal or the proposal filed in the Compliance Filing, and directed YEC to file a revised DCF proposal (incorporating changes as directed in Order 2013-1) and to work with YECL “to provide a joint recommendation on how the DCF would affect the Energy Reconciliation Account (ERA) in Rate Schedule 42 and any proposed wording changes to that rate schedule.” The Board went on to note its preference that YEC and YECL/AEY provide a joint filing regarding the revised DCF proposal and ERA, noting “if agreement cannot be reached, a filing in which the companies state which aspects they agree upon, and the position of each company on those aspects they disagree upon is acceptable”.
- Yukon Energy and YECL/AEY met in May 2013 (prior to YEC’s Compliance Filing) to review their respective positions. After the Compliance Filing process was complete in June 2013, the two Companies met to review their respective positions and exchanged documents setting out their respective positions. While the Board initially directed that the revised DCF application be submitted by September 30, 2013, the companies requested two extensions (to November 2014 and January 31, 2014) to enable them to see if a joint filing was possible. The companies were not able to reach a joint position and filed separate proposals on January 31, 2014.
- Due to the unique nature of the process (with each utility advancing separate proposals) the hearing process included provision for a Supplementary Filing by June 30, 2014 in order to allow each company to respond to issues raised in the other company’s proposal. Each company also had an opportunity to file information requests to the other company.
- Provision was also made for filing of rebuttal evidence in the event that intervenor evidence was filed – UCG submitted evidence on September 3, 2014. This submission included a five page summary of mechanisms in Northwest Territories, Manitoba,

Newfoundland and Nova Scotia, and over 600 pages of attached Board Orders from the four noted jurisdictions.

Despite the fact that this was a written proceeding – it was an intensive proceeding that addressed many complex issues and required a significant effort from Yukon Energy to respond to issues raised by YECL/AEY, the Board and Intervenors.

With regard to expenses, wherever possible, communications were managed with technology (teleconferences and email), however, some face to face meetings that included YEC's consultants were undertaken as part of the consultation process and application preparation process. To the extent possible, these meetings were coordinated with other activities and assignments.

Yukon Energy submits that all costs as applied for are reasonable and necessarily incurred in order to prepare and support its Application. Further detail and justification for professional costs (legal and consulting), as well as disbursements, is provided.

Justification of Applicant Costs

In determining the breakdown between “preparation” and “argument”, Yukon Energy has followed the practice established during past YUB review processes and used the following basic organizational structure:

- **Preparation** covers activities from July 2013 to the start of working on Final Argument on the matter (September 2014), including consultation with YECL/AEY, preparation of the January 31, 2014 Application, preparation of the June 30, 2014 Supplementary Filing, preparation of information requests to YECL/AEY and of interrogatory responses, review of intervenor evidence and preparation of Rebuttal Evidence, and any other necessary filings.
- **Argument and Reply** covers preparation of written argument, review of written arguments from YECL/AEY and intervenors and preparation of written reply.

Summary tables of costs incurred are provided as **Attachment A** to this filing.

1. Legal Fees

As in past hearings and regulatory processes, Yukon Energy retained Davis LLP as legal counsel, with P. John Landry providing the legal services required. A copy of the confirmation of retainer is provided in Attachment C to this letter.

Mr. Landry provided the following relevant assistance to Yukon Energy in relation to the preparation, filing and review of the Application:

- Review of the draft Application and draft Supplementary Filing;

- Review of correspondence and any other materials filed in relation to the Application and review process;
- Review of information requests to YECL/AEY;
- Review of information requests to Yukon Energy and of Yukon Energy’s responses to information requests;
- Review of Intervenor Evidence and Rebuttal Evidence;
- Review of Argument and Reply Argument; and
- Providing legal advice as required during the proceeding.

Pursuant to the Scale of Costs and prior Board direction², professional fees for legal services included in the Yukon Energy cost award application do not exceed the established \$350/hour limit. The summary of professional fees by activity stages for Davis LLP is as follows:

Phase	Hours	Total fees allowed by Scale of Costs (\$Can)
Preparation	64.50	22,575
Argument and Reply	9.50	3,325
Davis LLP Fee Total	74.00	25,900

Notes:

1. Preparation also includes hours for Supplementary Filing and Rebuttal Evidence.

2. Consultant Fees

InterGroup Consultants Ltd.

Yukon Energy retained InterGroup Consultants Ltd. as primary regulatory consultants to assist with the preparation of the filing and the review process before the Board. A copy of the confirmation of retainer and supporting information is provided in Attachment C to this letter.

InterGroup was involved in the consultation process with YECL/AEY, including preparation of summary materials and review of options and approach to the DCF and ERA to address concerns raised by the Board and by YECL. InterGroup was also involved with the preparation of the Application and Supplementary Filing (including producing preliminary and final drafts of materials, as well as professional services for production of the final document for each filing) and with the coordination of materials with Yukon Energy and its legal counsel, including the following specific activities:

² Order 2012-09 on costs noted costs for legal counsel used by the Applicant should be subject to maximum fees based on the number of years of experience pursuant to the Scale of Costs (i.e., \$350/hour for individual with more than 12 years at the bar). Mr. Landry has over 20 years of relevant experience.

- **Preparation of the Application and Supplemental Filing** – Including analysis, as well as producing preliminary and final drafts of materials, and coordination of materials with Yukon Energy and its legal counsel.
- **Professional services for document production** – Including document review, formatting and production of the final filed Application document.
- **Active participation in the review process before the YUB** – Assistance with the preparation of interrogatories to YECL/AEY, with interrogatory responses, review of Intervenor Evidence and preparation of Rebuttal Evidence and other activities. This included coordination with YEC and legal counsel, drafting and editing of interrogatories, interrogatory responses and rebuttal evidence, as well as professional services for production of any documents, and overall process management and progress tracking during the IR preparation period.
- **Argument** - Assistance with Written Argument and Written Reply Argument.

InterGroup costs for the above-noted services primarily cover the participation of Cam Osler (Principal and Consultant with over 20 years experience); Mona Pollitt-Smith (Consultant with over 9 years experience); and Hamid Najmidinov (Research Consultant with over 8 years experience) related to analysis and drafting of components of the Application and related ongoing work (interrogatory responses, argument and reply). CV's for the above InterGroup staff are provided in Appendix C.

Other research staff were relied upon to provide research assistance, quality assurance review and technical analysis, as required.

Given one of the issues raised during the proceeding related to approaches used in Northwest Territories (as well as other jurisdictions such as Manitoba and Newfoundland), InterGroup staff members with experience providing advice on rate regulation matters to utilities or intervenors in these jurisdictions were also relied upon (in reviewing the draft Supplementary Filing, as well as in review of Intervenor evidence and review of draft Rebuttal Evidence). This includes the following staff members: Andrew McLaren (Principal and Consultant, with over 14 years of experience), Patrick Bowman (Principal and Consultant, with over 16 years of experience), and Melissa Davies (Research Consultant, with 4 years of experience). CV's for the above InterGroup staff detailing their experience in each of these jurisdictions are also provided in Appendix C.

Costs also include services provided by Jolene Gordon (Production Coordinator with over 9 years of experience) and other staff related to document review, production and process tracking.

InterGroup's firm hourly rates are set separately for all staff members, and rates for Principals or Consultants do not include costs for clerical, administrative or research staff support as

directly provided for any assignment. Firm hourly rates do not vary when overtime is required. All InterGroup regulatory consulting staff billing rates are below the established \$/hour limit based on each individual's years of working experience and consequently no hourly rate adjustment is necessary.

For the purposes of this cost claim filing Yukon Energy has not claimed cost recovery for costs deemed purely administrative in nature (i.e., allocated as secretarial/clerical or related to invoicing and other purely administrative services). However, production services are specific professional services provided to Yukon Energy in relation to major filings and have been separated out from pure administration costs (such as invoicing, clerical or secretarial work) and are included in this cost claim. Professional services for document production are not included in consultant fees³.

Document production services are fundamental to the efficient and effective conduct of a hearing process and assist understanding of matters in the proceeding by ensuring a coherent, final document is produced and available to the Board and other parties in the proceeding. Specifically, for IRs, each separate question must be entered into templates by production staff and each response must be tracked, compiled (particularly subparts), formatted, pdf'd, consolidated into one document, produced in appropriate formats and distributed. Further, in recent proceedings intervenors and the Board have requested that where other IRs are referenced, links be included in the consolidated PDF – which is an extra task for these professional service providers.

The allocation of administration and production costs is noted in the tables provided in **Attachment A**.

The summary of professional fees by activity stages for InterGroup is as follows:

Phase	Hours	Total fees allowed by Scale of Costs (\$Can)
Preparation	647.00	99,861
Argument and Reply	218.75	40,802
InterGroup Fee Total	865.75	140,663

Notes:

1. Preparation also includes hours for Supplementary Filing and Rebuttal Evidence.

³ This includes production work related to the formatting and production of the Application and production work related to formatting, review and production of a consolidated interrogatories filing document.

KGS Group

Yukon Energy retained KGS Group to provide expert assistance with the responses to the information requests related to the YECSIM model. The YECSIM model was developed for Yukon Energy by KGS, and the individuals who helped developed the model provided assistance with drafting and review of the specific IR responses related to the YECSIM model. The summary of professional fees by activity stages for KGS is as follows:

Phase	Hours	Total fees allowed by Scale of Costs (\$Can)
Preparation	23.00	3,971
KGS Fee Total	23.00	3,971

3. Disbursements

Total disbursements claimed are \$5,898.64 broken out as follows:

	<u>Davis LLP</u>	<u>InterGroup</u>	<u>KGS</u>	<u>YEC</u>	<u>Total</u>
Travel ¹		4,188.03			4,188.03
Meals & Incidentals		65.81		195.35	261.16
Telephone and Fax	62.37			43.28	105.65
Photocopying and Printing		1,343.80			1,343.80
Advertising					-
Misc. Supplies and Services					-
Total	62.37	5,597.64	-	238.63	5,898.64

Notes:

1. Includes airfares, accommodations, taxi, rental car and parking expenses

Photocopying and printing costs internal to YEC's legal counsel and consultants are reasonable and necessarily incurred as they relate to the preparation (drafting, review and finalization) of the Application and similarly to the drafting, review and finalization of interrogatories and other required filings.

Wherever possible, communications were managed with technology (teleconferences and email). Travel costs were incurred by Yukon Energy's regulatory consultants in relation to the following matters:

- July 2013 - Attendance in Whitehorse at meeting with YECL/AEY to review issues related to the DCF and ERA mechanism and to see if a joint approach was possible.
- November 2013 and December 2013 – Attendance at meetings with YEC in Vancouver to review issues and approaches related to the DCF/ERA application to be filed before the end of January 2014.

Attendance at the above meetings was coordinated with other travel requirements occurring at the same time, and only a portion of the costs for the trip were charged to the DCF/ERA proceeding.

Yukon Energy's cost application for travel costs is based on cost awards filings provided to the Board and principles and precedents established by past Board Orders⁴. Travel costs include airfare, accommodation, meals and taxis. Airfare was at economy rates, where available. For the most part, airfare was booked using flight passes.

Cost information on disbursements is provided based on past practice with regard to YEC cost filings. Further detailed supporting information, including invoices, timesheets and receipts is provided as **Attachment B** to this filing.

Yours truly,

A handwritten signature in black ink, appearing to read "Ed Mollard", written in a cursive style.

Ed Mollard
Chief Financial Officer

Attachments

⁴ The Reasons for Decision on Order 2008-1 provide that while "the scale of costs do not expressly provide for travel costs in relation to preparation of an application by a utility", such costs are ultimately at the discretion of the Board. In that Order, the Board allowed travel costs in relation to the preparation of an application since, "the Board was satisfied that YEC had not made provision for these costs in its revenue requirement". The Board held that "pre-application travel costs are incremental to YEC's current revenue requirement and, having been prudently incurred by YEC, in the Board's view ought to be recoverable by YEC from customer through its HRA."

ATTACHMENT A

Yukon Utilities Board

Affidavit of Fees and Disbursements Form 4

Affidavit of fees and disbursements claimed in the matter of a claim for costs made by
Yukon Energy Corporation (YEC) for participation in a proceeding before the

Yukon Utilities Board with respect to the following Application: DCF/ERA Proceeding

I, Ed Mollard, of the (city/town) of Whitehorse and the Territory/Province of Yukon,

MAKE OATH (OR AFFIRM) AND SAY THAT:

- 1) I am the CFO of the cost claimant YEC (the "Claimant") and as such have personal knowledge of the matters hereinafter deposed to, except where stated to be based on information and belief, and where so stated, I do verily believe to be true.
- 2) The Claimant was an (applicant/intervener) in a proceeding (the "Proceeding") before the Board with respect to the above application(s).
- 3) The Claimant incurred fees and disbursements (exclusive of GST) in the amount of \$ 176,432.89 as a result of its participation in the Proceeding. Additionally, the Claimant incurred GST on the above fees and disbursements in the amount of \$ 0.
- 4) I have personally reviewed the accounts of the Claimant's [lawyer(s), consultant(s), witness(s)], including the supporting documentation as required by the *Scale of Costs*, and confirm that these accounts represent work performed at the specific request of the Claimant.
- 5) I have personally reviewed all receipts, invoices, or accounts for transcripts, airfare, or accommodation and confirm that they represent disbursements incurred at the specific request of the Claimant.
- 6) I confirm that the fees and disbursements claimed on behalf of the Claimant's lawyer(s), expert(s), or consultant(s) are reasonable and in accordance with the *Scale of Costs*.
- 7) (If necessary) The fees claimed on behalf of N/A are in excess of the *Scale of Costs*. However, I believe that the Claimant should be entitled to recover such costs because: _____
- 8) To the best of my knowledge and belief, the fees and disbursements claimed by the Claimant represent fees and disbursements incurred necessarily and reasonably for the purpose of the Proceeding.
- 9) (If necessary) The Claimant is entitled to a rebate in connection with the Federal Goods and Services Tax to the extent of _____%. The Claimant's GST number is _____.

SWORN (OR AFFIRMED) before me at the (City/Town, etc.) of Whitehorse, in the Province/Territory of Yukon on
(date) March 9, 2015.

Notary Public or Commissioner of Oaths



Signature of Affiant



Yukon Utilities Board

DCF-ERA Proceeding

Summary of total costs claimed

Form 1 Page 1 of 1

Date: March 9, 2015

Firm/Company Name	Total Fees	Total Disbursements	Total Fees & Disbursements
Davis LLP	\$25,900.00	\$62.37	\$25,962.37
InterGroup Consultants	\$140,663.25	\$5,597.64	\$146,260.89
KGS Group	\$3,971.00	\$0.00	\$3,971.00
YEC Misc Supplies & Services		\$238.63	\$238.63
Firm/Company Name			
Firm/Company Name			
Firm/Company Name			
TOTAL COSTS CLAIMED	\$170,534.25	\$5,898.64	\$176,432.89

\$176,432.89

Claimant YUKON ENERGY CORPORATION
 Agent/Representative Ed Mollard, CFO
 Address PO Box 5920, Whitehorse, YT Y1A 6S7
 Phone 393-5338 Fax 393-5323
 E-mail ed.mollard@yec.yk.ca

Applicant(s) _____
 Application(s) No. _____
 Hearing _____

YUKON UTILITIES BOARD

Summary of professional fees claimed

Form 2 - Page 1 of 2

PROFESSIONAL FEES

DCF-ERA Proceeding

CONSULTING FEES

Date: March 9, 2015

PROFESSIONAL FEES									
Years of Experience	Hourly Wage	Preparation		Attendance		Argument, Reply & Follow-up		Total Fees	
		Hours	Fees	Hours	Fees	Hours	Fees	Hours	Fees

InterGroup Consultants

C. Osler	>20	236-240	221.75	53,144.00	-	-	108.25	25,980.00	330.00	79,124.00
P. Bowman	>16	185-195	1.50	287.50	-	-	-	-	1.50	287.50
A. McLaren	>14	170-180	6.50	1,160.00	-	-	-	-	6.50	1,160.00
R. Connon	8-12	150-155	4.00	600.00	-	-	-	-	4.00	600.00
M. Pollitt-Smith	8-12	127-143	220.00	29,508.00	-	-	98.75	13,989.25	318.75	43,497.25
H. Najmidinov	5-7	91-99	92.25	8,783.50	-	-	4.50	445.50	96.75	9,229.00
H. Senyk	5-7	96	4.00	384.00	-	-	-	-	4.00	384.00
M. Davies	1-4	93	17.00	1,581.00	-	-	-	-	17.00	1,581.00
S. Zhang	1-4	86	10.00	860.00	-	-	-	-	10.00	860.00
J. Gordon	8-12	72-80	13.00	988.00	-	-	1.75	140.00	14.75	1,128.00
Admin/Clerical - Production	1-4	61-64	57.00	2,565.00	-	-	5.50	247.50	62.50	2,812.50
Total InterGroup Consultants			647.00	99,861.00	-	-	218.75	40,802.25	865.75	140,663.25

Claimant YUKON ENERGY CORPORATION
 Hearing _____

Applicant(s) _____
 Application(s) No. _____

YUKON UTILITIES BOARD

Summary of professional fees claimed

Form 2 - Page 2 of 2

PROFESSIONAL FEES

YEC 2012/2013 General Rate Application

CONSULTING FEES

PROFESSIONAL FEES									
Years of Experience	Hourly Wage	Preparation		Attendance		Argument & Reply		Total Fees	
		Hours	Fees	Hours	Fees	Hours	Fees	Hours	Fees

KGS Group

R. Carson	>20	\$200.00	4.00	800.00					4.00	800.00
D. MacMillan	>20	\$200.00	2.00	400.00					2.00	400.00
F. Curi	>7	\$163.00	17.00	2,771.00					17.00	2,771.00
Individual Name										
Individual Name										
Total Adjustments										
Total KGS Group			23.00	3,971.00	0.00	0.00	0.00	0.00	23.00	3,971.00

LEGAL FEES

PROFESSIONAL FEES									
Years of Experience	Hourly Wage	Preparation		Attendance		Argument & Reply		Total Fees	
		Hours	Fees	Hours	Fees	Hours	Fees	Hours	Fees

Davis LLP

P.J. Landry	>20	375-395	64.50	22,575.00	-	-	9.50	3,325.00	74.00	25,900.00
Individual Name										
Individual Name										
Individual Name										
Davis LLP			64.50	22,575.00	-	-	9.50	3,325.00	74.00	25,900.00

Claimant YUKON ENERGY CORPORATION
 Hearing _____

Applicant(s) _____
 Application(s) No. _____

YUKON UTILITIES BOARD

Summary of disbursements claimed

Form 3 - Page 1 of 1

PROFESSIONAL FEES

Date: March 9, 2015

DCF-ERA Proceeding

Disbursements Claimed (exclusive of GST)	Davis LLP	InterGroup Consultants		YEC Supplies & Services	Total Disbursements
Airfare		\$3,076.34			\$3,076.34
Accommodation		\$1,073.60			\$1,073.60
Meals & incidentals		\$65.81		\$195.35	\$261.16
Mileage					\$0.00
Taxi		\$38.09			\$38.09
Parking					\$0.00
Car Rental					\$0.00
Transcripts					\$0.00
Postage					\$0.00
Courier/delivery					\$0.00
Telephone/long distance/fax	\$62.37			\$43.28	\$105.65
Internal photocopying		\$1,343.80			\$1,343.80
External printing					\$0.00
Advertising workshops & hearings					\$0.00
Misc. Supplies & Services					\$0.00
Other					\$0.00
TOTAL DISBURSEMENTS	\$62.37	\$5,597.64	\$0.00	\$238.63	\$5,898.64

Claimant YUKON ENERGY CORPORATION
 Hearing _____

Applicant(s) _____
 Application(s) No. _____

Davis LLP

Summary of Total Fees & Disbursements for Preparation, and Argument & Reply - Davis LLP.

	Invoice	Claimed in Form 1	Not Claimed
Preparation (Fees & Disbursements)	25,176.61	22,594.11	2,582.50
Argument & Reply (Fees & Disbursements)	3,794.44	3,366.94	427.50
Total	28,971.05	25,961.05	3,010.00

Breakdown by Professional Fees and Disbursements:

		Form 2	
Professional Fees	28,910.00	25,900.00	3,010.00
		Form 3	
Disbursements, total	62.37	62.37	-
<i>Travel</i>	-	-	-
<i>Telephone and Fax</i>	62.37	62.37	-
<i>Photocopying and Printing</i>	-	-	-
<i>Advertising (Wkshp and Hearings)</i>	-	-	-
<i>Misc. Supplies and Services</i>	-	-	-

Davis LLP

Invoice Date	Individual/Expense	Hours	Invoiced Expense	Claimed under Scale of Costs - Form 1	Adjustment or Not Claimed
Preparation:					
December 2013	Professional fee - PJL	16.00	6,000.00	5,600.00	400.00
	<i>Subtotal</i>	<i>16.00</i>	<i>6,000.00</i>	<i>5,600.00</i>	<i>400.00</i>
February 2014	Professional fee - PJL	3.50	1,382.50	1,225.00	157.50
	<i>Subtotal</i>	<i>3.50</i>	<i>1,382.50</i>	<i>1,225.00</i>	<i>157.50</i>
May 2014	Professional fee - PJL	1.00	395.00	350.00	45.00
	<i>Subtotal</i>	<i>1.00</i>	<i>395.00</i>	<i>350.00</i>	<i>45.00</i>
June 2014	Professional fee - PJL	8.00	3,160.00	2,800.00	360.00
	<i>Subtotal</i>	<i>8.00</i>	<i>3,160.00</i>	<i>2,800.00</i>	<i>360.00</i>
July 2014	Professional fee - PJL	12.00	4,740.00	4,200.00	540.00
	Telephone/Long Distance		14.31	14.31	
	<i>Subtotal</i>	<i>12.00</i>	<i>4,754.31</i>	<i>4,214.31</i>	<i>540.00</i>
August 2014	Professional fee - PJL	3.00	1,185.00	1,050.00	135.00
	Telephone/Long Distance		4.80	4.80	
	<i>Subtotal</i>	<i>3.00</i>	<i>1,189.80</i>	<i>1,054.80</i>	<i>135.00</i>
September 2014	Professional fee - PJL	12.50	4,937.50	4,375.00	562.50
	<i>Subtotal</i>	<i>12.50</i>	<i>4,937.50</i>	<i>4,375.00</i>	<i>562.50</i>
October 2014	Professional fee - PJL	5.00	1,975.00	1,750.00	225.00
	Telephone/Long Distance		1.32	1.32	
	<i>Subtotal</i>	<i>5.00</i>	<i>1,975.00</i>	<i>1,750.00</i>	<i>225.00</i>
November 2014	Professional fee - PJL	3.50	1,382.50	1,225.00	157.50
	<i>Subtotal</i>	<i>3.50</i>	<i>1,382.50</i>	<i>1,225.00</i>	<i>157.50</i>

	Hours	Invoiced Expense	Claimed under Scale of Costs - Form 1	Adjustment or Not Claimed
Total	64.50	25,177	22,594	2,583
<i>Total Claimed</i>	<i>64.50</i>		<i>22,594</i>	
<i>Total Not Claimed</i>				<i>2,583</i>
Professional		25,158	22,575	2,583
Meals				
Travel				
Telephone and Fax		20	20	-
Photocopying and Printing				
Adversting (Wkshp and Hearings)				
Misc. Supplies and Services				

Note: Travel includes airfares, accommodation, taxi, rental car, and parking expenses.

DCF and ERA Proceeding

Davis LLP

Invoice Date	Individual/Expense	Hours	Invoiced Expense	Claimed under Scale of Costs - Form 1	Adjustment or Not Claimed
Argument:					
October 2014	Professional fee - PJL	0.50	197.50	175.00	22.50
	<i>Subtotal</i>	<i>0.50</i>	<i>197.50</i>	<i>175.00</i>	<i>22.50</i>
November 2014	Professional fee - PJL	4.00	1,580.00	1,400.00	180.00
	Telephone/Long Distance		30.10	30.10	
	<i>Subtotal</i>	<i>4.00</i>	<i>1,610.10</i>	<i>1,430.10</i>	<i>180.00</i>
December 2014	Professional fee - PJL	5.00	1,975.00	1,750.00	225.00
	Telephone/Long Distance		11.84	11.84	
	<i>Subtotal</i>	<i>5.00</i>	<i>1,986.84</i>	<i>1,761.84</i>	<i>225.00</i>
		Hours	Invoiced Expense	Claimed under Scale of Costs - Form 1	Adjustment or Not Claimed
	Total	9.50	3,794	3,367	428
	<i>Total Claimed</i>	<i>9.50</i>		<i>3,367</i>	
	<i>Total Not Claimed</i>				<i>428</i>
	Professional		3,753	3,325	428
	Meals				
	Travel				
	Telephone and Fax		42	42	-
	Photocopying and Printing				
	Adversting (Wkshp and Hearings)				
	Misc. Supplies and Services				

InterGroup Consultants Ltd

Summary of Total Fees & Disbursements for Preparation, and Argument & Reply - InterGroup Consultants Ltd.

	Invoice	Claimed in Form 1	Not Claimed
Preparation (Fees & Disbursements)	107,514.29	105,219.54	2,294.75
Argument & Reply (Fees & Disbursements)	41,240.60	41,041.35	199.25
Total	148,754.89	146,260.89	2,494.00

Breakdown by Professional Fees and Disbursements:

		Form 2	
Professional Fees	143,157.25	140,663.25	2,494.00
		Form 3	
Disbursements, total	5,597.64	5,597.64	-
<i>Travel</i>	<i>4,253.84</i>	<i>4,253.84</i>	-
<i>Telephone and Fax</i>	-	-	-
<i>Photocopying and Printing</i>	<i>1,343.80</i>	<i>1,343.80</i>	-
<i>Advertising (Wkshp and Hearings)</i>	-	-	-
<i>Misc. Supplies and Services</i>	-	-	-

Note: Travel includes airfares, accommodation, meals, taxi, rental car, and parking expenses.

InterGroup Consultants Ltd

Invoice date	Individual/Expense	Hours	Invoiced Expense	Claimed under Scale of Costs - Form 1	Adjustment or Not Claimed	
Preparation:						
July 2013	C. Osler	13.00	3,068.00	3,068.00		
	M. Pollitt-Smith	7.50	952.50	952.50		
	H. Najmidinov	7.00	637.00	637.00		
	D. Yaholkoski	0.25	26.25		26.25	
	J. Gordon	0.25	18.00		18.00	
	Admin/Clerical - Production	0.25	15.25		15.25	
	Airfare		1,224.34	1,224.34		
	Hotel (max \$150/day)		561.00	561.00		
	Meals		65.81	65.81		
	Photocopying		0.25	0.25		
	Taxi		26.67	26.67		
	<i>Subtotal</i>		<i>28.25</i>	<i>6,595.07</i>	<i>6,535.57</i>	<i>59.50</i>
	August 2013	C. Osler	2.25	531.00	531.00	
M. Pollitt-Smith		5.00	635.00	635.00		
H. Najmidinov		5.00	455.00	455.00		
L. Verbeek		0.25	26.25		26.25	
C. Gray		0.25	26.25		26.25	
Admin/Clerical - Production		0.50	30.50		30.50	
<i>Subtotal</i>			<i>13.25</i>	<i>1,704.00</i>	<i>1,621.00</i>	<i>83.00</i>
September 2013	C. Osler	3.75	885.00	885.00		
	P. Bowman	0.50	92.50	92.50		
	M. Pollitt-Smith	19.00	2,413.00	2,413.00		
	H. Najmidinov	2.50	227.50	227.50		
	L. Verbeek	0.25	26.25		26.25	
	C. Gray	0.25	26.25		26.25	
	Admin/Clerical - Production	1.25	76.25	45.00	31.25	
	Photocopying		58.26	58.26		
	<i>Subtotal</i>		<i>27.50</i>	<i>3,805.01</i>	<i>3,721.26</i>	<i>83.75</i>
October 2013	C. Osler	11.25	2,700.00	2,700.00		
	M. Pollitt-Smith	20.00	2,700.00	2,700.00		
	H. Najmidinov	1.50	144.00	144.00		
	J. Gordon	0.25	19.00		19.00	
	L. Verbeek	0.25	26.50		26.50	
	Admin/Clerical - Production	0.25	15.50		15.50	
	<i>Subtotal</i>		<i>33.50</i>	<i>5,605.00</i>	<i>5,544.00</i>	<i>61.00</i>
	November 2013	C. Osler	10.50	2,520.00	2,520.00	
M. Pollitt-Smith		6.50	877.50	877.50		
J. Gordon		0.25	19.00		19.00	
L. Verbeek		0.25	26.50		26.50	
Admin/Clerical - Production		0.75	46.50		46.50	
Airfare			914.00	914.00		
Hotel			256.30	256.30		
Photocopying			20.13	20.13		
<i>Subtotal</i>			<i>18.25</i>	<i>4,679.93</i>	<i>4,587.93</i>	<i>92.00</i>
December 2013		C. Osler	3.25	780.00	780.00	
		M. Pollitt-Smith	2.00	270.00	270.00	
	L. Verbeek	0.25	26.50		26.50	
	C. Gray	0.75	79.50		79.50	
	Admin/Clerical - Production	0.75	46.50		46.50	
	Airfare		938.00	938.00		
	Hotel		256.30	256.30		
	Taxi		11.42	11.42		
	Photocopying		6.50	6.50		
	<i>Subtotal</i>		<i>7.00</i>	<i>2,414.72</i>	<i>2,262.22</i>	<i>152.50</i>
	January 2014	C. Osler	32.00	7,680.00	7,680.00	
M. Pollitt-Smith		21.00	2,835.00	2,835.00		
H. Najmidinov		12.50	1,200.00	1,200.00		
J. Gordon		4.00	304.00		304.00	
L. Verbeek		0.25	26.50		26.50	
Admin/Clerical - Production		0.75	46.50		46.50	
Photocopying			77.84	77.84		
<i>Subtotal</i>			<i>70.50</i>	<i>12,169.84</i>	<i>11,792.84</i>	<i>377.00</i>
February 2014		M. Pollitt-Smith	0.50	67.50	67.50	
	L. Verbeek	0.25	26.50		26.50	
	Admin/Clerical - Production	0.50	31.00		31.00	
	Photocopying		122.30	122.30		
	<i>Subtotal</i>		<i>1.25</i>	<i>247.30</i>	<i>189.80</i>	<i>57.50</i>
April 2014	C. Osler	1.00	240.00	240.00		
	M. Pollitt-Smith	0.25	33.75	33.75		
	J. Gordon	0.25	19.00		19.00	
	L. Verbeek	0.25	26.50		26.50	
	Admin/Clerical - Production	0.50	31.00		31.00	
	<i>Subtotal</i>		<i>2.25</i>	<i>350.25</i>	<i>273.75</i>	<i>76.50</i>

InterGroup Consultants Ltd

Invoice date	Individual/Expense	Hours	Invoiced Expense	Claimed under Scale of Costs - Form 1	Adjustment or Not Claimed
June 2014	C. Osler	22.00	5,280.00	5,280.00	
	A. McLaren	1.00	178.00	170.00	
	M. Pollitt-Smith	39.25	5,298.75	5,298.75	
	H. Najmidinov	7.25	696.00	696.00	
	J. Gordon	0.75	57.00	38.00	19.00
	Admin/Clerical - Production	2.25	139.50	67.50	72.00
	Photocopying		107.25	107.25	
	<i>Subtotal</i>	<i>72.50</i>	<i>11,748.50</i>	<i>11,657.50</i>	<i>91.00</i>
July 2014	C. Osler	13.00	3,120.00	3,120.00	
	R. Connon	0.25	37.50	-	37.50
	M. Pollitt-Smith	13.25	1,788.75	1,788.75	
	H. Najmidinov	12.75	1,224.00	1,224.00	
	J. Gordon	2.25	171.00	152.00	19.00
	Admin/Clerical - Production	12.25	759.50	540.00	219.50
	Photocopying		20.00	20.00	
	<i>Subtotal</i>	<i>53.75</i>	<i>7,120.75</i>	<i>6,844.75</i>	<i>276.00</i>
August 2014	C. Osler	91.25	21,900.00	21,900.00	
	R. Connon	4.25	637.50	600.00	37.50
	M. Pollitt-Smith	69.50	9,382.50	9,382.50	
	H. Najmidinov	43.75	4,200.00	4,200.00	
	H. Senyk	4.00	384.00	384.00	
	S. Zhang	4.50	387.00	387.00	
	J. Gordon	10.50	798.00	798.00	
	Admin/Clerical - Production	42.75	2,650.50	1,912.50	738.00
	Photocopying		231.30	231.30	
	<i>Subtotal</i>	<i>270.50</i>	<i>40,570.80</i>	<i>39,795.30</i>	<i>775.50</i>
	September 2014	C. Osler	4.75	1,140.00	1,140.00
M. Pollitt-Smith		8.75	1,181.25	1,181.25	
R. Connon		0.50	75.00	-	75.00
M. Davies		17.00	1,581.00	1,581.00	
S. Zhang		5.50	473.00	473.00	
J. Gordon		0.25	19.00	-	19.00
Admin/Clerical - Production		0.25	15.50	-	15.50
Photocopying			460.87	460.87	
<i>Subtotal</i>		<i>37.00</i>	<i>4,945.62</i>	<i>4,836.12</i>	<i>109.50</i>
October 2014		C. Osler	13.75	3,300.00	3,300.00
	M. Pollitt-Smith	7.50	1,072.50	1,072.50	
	P. Bowman	1.00	195.00	195.00	
	A. McLaren	5.50	990.00	990.00	
	<i>Subtotal</i>	<i>27.75</i>	<i>5,557.50</i>	<i>5,557.50</i>	<i>-</i>
Total		663.25	107,514.29	105,219.54	2,294.75
<i>Total Claimed</i>		<i>647.00</i>		<i>105,219.54</i>	
<i>Total Not Claimed</i>		<i>16.25</i>			<i>2,294.75</i>
Professional			102,155.75	99,861.00	2,294.75
Meals			65.81	65.81	-
Travel			4,188.03	4,188.03	-
Telephone and Fax			-	-	-
Photocopying and Printing			1,104.70	1,104.70	-
Adversting (Wkshp and Hearings)			-	-	-
Misc. Supplies and Services			-	-	-

Note: Travel includes airfares, accommodation, taxi, rental car, and parking expenses.

InterGroup Consultants Ltd

Invoice date	Individual/Expense	Hours	Invoiced Expense	Claimed under Scale of Costs - Form 1	Adjustment or Not Claimed
Argument:					
September 2014	C. Osler	15.50	3,720.00	3,720.00	
	M. Pollitt-Smith	16.50	2,227.50	2,227.50	
	<i>Subtotal</i>	<i>32.00</i>	<i>5,947.50</i>	<i>5,947.50</i>	-
October 2014	C. Osler	48.75	11,700.00	11,700.00	
	R. Connon	0.25	38.75	-	38.75
	M. Pollitt-Smith	39.25	5,612.75	5,612.75	
	H. Najmidinov	1.25	123.75	123.75	
	J. Gordon	1.50	120.00	100.00	20.00
	Admin/Clerical - Production	3.75	240.00	157.50	82.50
	Photocopying		132.00	132.00	
	<i>Subtotal</i>	<i>94.75</i>	<i>17,967.25</i>	<i>17,826.00</i>	<i>141.25</i>
November 2014	C. Osler	44.00	10,560.00	10,560.00	
	M. Pollitt-Smith	43.00	6,149.00	6,149.00	
	H. Najmidinov	3.25	321.75	321.75	
	J. Gordon	0.75	60.00	40.00	20.00
	Admin/Clerical - Production	2.00	128.00	90.00	38.00
	Photocopying		107.10	107.10	
	<i>Subtotal</i>	<i>93.00</i>	<i>17,325.85</i>	<i>17,267.85</i>	<i>58.00</i>
		Hours	Invoiced Expense	Claimed under Scale of Costs - Form 1	Adjustment or Not Claimed
Total		219.75	41,240.60	41,041.35	199.25
<i>Total Claimed</i>		<i>218.75</i>		<i>41,041.35</i>	
<i>Total Not Claimed</i>		<i>1.00</i>			<i>199.25</i>
Professional			41,001.50	40,802.25	199.25
Meals					
Travel					
Telephone and Fax					
Photocopying and Printing			239.10	239.10	-
Adversting (Wkshp and Hearings)					
Misc. Supplies and Services					

Note: Travel includes airfares, accommodation, taxi, rental car, and parking expenses.

Allocation of InterGroup Production and Administrative Costs

Invoice date	Individual/Expense	Invoiced expense		Production related - Claimed under Scale of Costs - Form 1		Admin related		Description for Production related
		Hours	\$	Hours	\$	Hours	\$	
Preparation:								
July 2013	D. Yaholkoski	0.25	26.25			0.25	26.25	
	J. Gordon	0.25	18.00			0.25	18.00	
	Admin/Clerical - Production	0.25	15.25			0.25	15.25	
	<i>Subtotal</i>	<i>0.75</i>	<i>59.50</i>	<i>-</i>	<i>-</i>	<i>0.75</i>	<i>59.50</i>	
August 2013	L. Verbeek	0.25	26.25			0.25	26.25	
	C. Gray	0.25	26.25			0.25	26.25	
	Admin/Clerical - Production	0.5	30.50			0.50	30.50	
	<i>Subtotal</i>	<i>1.00</i>	<i>83.00</i>	<i>-</i>	<i>-</i>	<i>1.00</i>	<i>83.00</i>	
September 2013	L. Verbeek	0.25	26.25			0.25	26.25	
	C. Gray	0.25	26.25			0.25	26.25	
	Admin/Clerical - Production	1.25	76.25	1.00	45.00	0.25	31.25	Document formatting
	<i>Subtotal</i>	<i>1.75</i>	<i>128.75</i>	<i>1.00</i>	<i>45.00</i>	<i>0.75</i>	<i>83.75</i>	
October 2013	J. Gordon	0.25	19.00			0.25	19.00	
	L. Verbeek	0.25	26.50			0.25	26.50	
	Admin/Clerical - Production	0.25	15.50			0.25	15.50	
	<i>Subtotal</i>	<i>0.75</i>	<i>61.00</i>	<i>-</i>	<i>-</i>	<i>0.75</i>	<i>61.00</i>	
November 2013	J. Gordon	0.25	19.00			0.25	19.00	
	L. Verbeek	0.25	26.50			0.25	26.50	
	Admin/Clerical - Production	0.75	46.50			0.75	46.50	
	<i>Subtotal</i>	<i>1.25</i>	<i>92.00</i>	<i>-</i>	<i>-</i>	<i>1.25</i>	<i>92.00</i>	
December 2013	L. Verbeek	0.25	26.50			0.25	26.50	
	C. Gray	0.75	79.50			0.75	79.50	
	Admin/Clerical - Production	0.75	46.50			0.75	46.50	
	<i>Subtotal</i>	<i>1.75</i>	<i>152.50</i>	<i>-</i>	<i>-</i>	<i>1.75</i>	<i>152.50</i>	
January 2014	J. Gordon	4.00	304.00			4.00	304.00	
	L. Verbeek	0.25	26.50			0.25	26.50	
	Admin/Clerical - Production	0.75	46.50			0.75	46.50	
	<i>Subtotal</i>	<i>5.00</i>	<i>377.00</i>	<i>-</i>	<i>-</i>	<i>5.00</i>	<i>377.00</i>	
February 2014	L. Verbeek	0.25	26.50			0.25	26.50	
	Admin/Clerical - Production	0.50	31.00			0.50	31.00	
	<i>Subtotal</i>	<i>0.75</i>	<i>57.50</i>	<i>-</i>	<i>-</i>	<i>0.75</i>	<i>57.50</i>	
April 2014	J. Gordon	0.25	19.00			0.25	19.00	
	L. Verbeek	0.25	26.50			0.25	26.50	
	Admin/Clerical - Production	0.50	31.00			0.50	31.00	
	<i>Subtotal</i>	<i>1.00</i>	<i>76.50</i>	<i>-</i>	<i>-</i>	<i>1.00</i>	<i>76.50</i>	
June 2014	J. Gordon	0.75	57.00	0.50	38.00	0.25	19.00	Document formatting
	Admin/Clerical - Production	2.25	139.50	1.50	67.50	0.75	72.00	Proof read and formatting
	<i>Subtotal</i>	<i>3.00</i>	<i>196.50</i>	<i>2.00</i>	<i>105.50</i>	<i>1.00</i>	<i>91.00</i>	
July 2014	R. Connon	0.25	37.50			0.25	37.50	
	J. Gordon	2.25	171.00	2.00	152.00	0.25	19.00	Document formatting (IRs)
	Admin/Clerical - Production	12.25	759.50	12.00	540.00	0.25	219.50	Document formatting (IRs)
	<i>Subtotal</i>	<i>14.75</i>	<i>968.00</i>	<i>14.00</i>	<i>692.00</i>	<i>0.75</i>	<i>276.00</i>	
August 2014	R. Connon	4.25	637.50	4.00	600.00	0.25	37.50	Reviewing IRs
	J. Gordon	10.50	798.00	10.50	798.00	-	-	Document formatting and cross checks
	Admin/Clerical - Production	42.75	2,650.50	42.50	1,912.50	0.25	738.00	Document formatting and cross checks
	<i>Subtotal</i>	<i>57.50</i>	<i>4,086.00</i>	<i>57.00</i>	<i>3,310.50</i>	<i>0.50</i>	<i>775.50</i>	
September 2014	R. Connon	0.50	75.00			0.50	75.00	
	J. Gordon	0.25	19.00			0.25	19.00	
	Admin/Clerical - Production	0.25	15.50			0.25	15.50	
	<i>Subtotal</i>	<i>1.00</i>	<i>109.50</i>	<i>-</i>	<i>-</i>	<i>1.00</i>	<i>109.50</i>	
Total Preparation		90.25	\$ 6,447.75	74.00	\$ 4,153.00	16.25	\$ 2,294.75	
Argument:								
October 2014	R. Connon	0.25	38.75			0.25	38.75	
	J. Gordon	1.50	120.00	1.25	100.00	0.25	20.00	Document formatting (Argument)
	Admin/Clerical - Production	3.75	240.00	3.50	157.50	0.25	82.50	Proof read and formatting
	<i>Subtotal</i>	<i>5.50</i>	<i>398.75</i>	<i>4.75</i>	<i>257.50</i>	<i>0.75</i>	<i>141.25</i>	
November 2014	J. Gordon	0.75	60.00	0.50	40.00	0.25	20.00	Document formatting and cross checks
	Admin/Clerical - Production	2.00	128.00	2.00	90.00	-	38.00	Proof read and formatting
	<i>Subtotal</i>	<i>2.75</i>	<i>188.00</i>	<i>2.50</i>	<i>130.00</i>	<i>0.25</i>	<i>58.00</i>	
Total Argument		8.25	\$ 586.75	7.25	\$ 387.50	1.00	\$ 199.25	
Grand Total		98.50	\$ 7,034.50	81.25	\$ 4,540.50	17.25	\$ 2,494.00	

Note:

The production related fees for Admin/Clerical are calculated based on \$45 per hour as per YUB Scale of Costs for support staff.

KGS Group

Summary of Total Fees & Disbursements for Preparation, and Argument & Reply - KGS.

	Invoice	Claimed in Form 1	Not Claimed
Preparation (Fees & Disbursements)	4,169.55	3,971.00	198.55
Argument & Reply (Fees & Disbursements)	-	-	-
Total	4,169.55	3,971.00	198.55

Breakdown by Professional Fees and Disbursements:

		Form 2	
Professional Fees	3,971.00	3,971.00	-
		Form 3	
Disbursements, total	198.55	-	198.55
<i>Travel</i>	-	-	-
<i>Telephone and Fax</i>	-	-	-
<i>Photocopying and Printing</i>	-	-	-
<i>Advertising (Wkshp and Hearings)</i>	-	-	-
<i>Misc. Supplies and Services</i>	198.55	-	198.55

DCF and ERA Proceeding

KGS

Invoice Date	Individual/Expense	Hours	Invoiced Expense	Claimed under Scale of Costs - Form 1	Adjustment or Not Claimed
Preparation:					
August 2014	F. Curi	17.00	2,771.00	2,771.00	
	R. Carson	4.00	800.00	800.00	
	D. MacMillan	2.00	400.00	400.00	
	Facility Usage		198.55		198.55
	<i>Subtotal</i>	<i>23.00</i>	<i>4,169.55</i>	<i>3,971.00</i>	<i>198.55</i>
		Hours	Invoiced Expense	Claimed under Scale of Costs - Form 1	Adjustment or Not Claimed
	Total	23.00	4,169.55	3,971.00	198.55
	<i>Total Claimed</i>	<i>23.00</i>		<i>3,971.00</i>	
	<i>Total Not Claimed</i>				<i>199</i>
	Professional Meals		3,971.00	3,971.00	-
	Travel				
	Telephone and Fax				
	Photocopying and Printing				
	Adversting (Wkshp and Hearings)				
	Misc. Supplies and Services		198.55	-	198.55

Note: Travel includes airfares, accommodation, taxi, rental car, and parking expenses.

ATTACHMENT B

Claimed Consulting and Legal Costs (net YUB allowed rate/hour adjustments)

	Preparation		Argument and Reply		Total Claimed Fees & Disbursements	
	Hours	Claimed in Form 1	Hours	Claimed in Form 1	Hours	Claimed in Form 1
Legal Fees - Davis LLP						Form 2
Professional Fees	64.50	22,575.00	9.50	3,325.00	74.00	25,900.00
Disbursements		20.43		41.94		Form 3 62.37
<i>Travel</i>		-		-		-
<i>Telephone and Fax</i>		20.43		41.94		62.37
<i>Photocopying and Printing</i>		-		-		-
<i>Advertising (Wkshp and Hearings)</i>		-		-		-
<i>Misc. Supplies and Services</i>		-		-		-
Total	64.50	22,595.43	9.50	3,366.94	74.00	Form 1 25,962.37
Consultant Fees - InterGroup						Form 2
Professional Fees	647.00	99,861.00	218.75	40,802.25	865.75	140,663.25
Disbursements		5,358.54		239.10		Form 3 5,597.64
<i>Travel</i>		4,253.84		-		4,253.84
<i>Telephone and Fax</i>		-		-		-
<i>Photocopying and Printing</i>		1,104.70		239.10		1,343.80
<i>Advertising (Wkshp and Hearings)</i>		-		-		-
<i>Misc. Supplies and Services</i>		-		-		-
Total	647.00	105,219.54	218.75	41,041.35	865.75	Form 1 146,260.89
Consultant Fees - KGS						Form 2
Professional Fees	23.00	3,971.00	-	-	23.00	3,971.00
Disbursements		-		-		Form 3 -
<i>Travel</i>		-		-		-
<i>Telephone and Fax</i>		-		-		-
<i>Photocopying and Printing</i>		-		-		-
<i>Advertising (Wkshp and Hearings)</i>		-		-		-
<i>Misc. Supplies and Services</i>		-		-		-
Total	23.00	3,971.00	-	-	23.00	Form 1 3,971.00

Davis LLP

159

OK to Pay



Yukon Energy Corporation
P.O. Box 5920
Whitehorse, YT Y1A 5L6 Canada

Attention: David Morrison, President & CEO

MAR - 5 2014

Our File No: 84813-00171

Yukon Energy Corporation
Re: **DCF ERA Discussions**

12284
Mollard

Date: December 12, 2013
Invoice Number: 1432887

For Professional Services rendered and disbursements advanced through November 30, 2013.

PROFESSIONAL SERVICES

<u>Date</u>	<u>Professional</u>	<u>Description</u>	<u>Hours</u>
10/16/13	PJL	Review of DCF/ERA; preparation for call with Yukon Energy team re DCF.	3.00
10/18/13	PJL	Review of DCF and ERA process; review YECL's proposal.	1.00
10/21/13	PJL	Review of issue brief; e-mails with YECL and YEC; review cross examination material.	2.00
10/23/13	PJL	Review of DCF and ERA issues with Ed Mollard.	0.50
10/24/13	PJL	Follow up discussion re DCF.	0.50
11/15/13	PJL	Review of DCF related issues with Ed Mollard.	2.00
11/20/13	PJL	Preparation for and attendance at meeting re DCF filing.	7.00
Total Taxable Hours:			16.00
Total Taxable Fees:			\$ 6,000.00

BILL SUMMARY

Our Fees:	\$	6,000.00
REG # 110 152 824	Total GST:	\$ 300.00
Total Current Invoice Due:		CAD \$ 6,300.00

MAR - 5 2014

159

EM

OK to Pay

Ed Mollard

Yukon Energy Corporation
P.O. Box 5920
Whitehorse, YT Y1A 5L6 Canada

Attention: David Morrison, President & CEO

Our File No: 84813-00171

Yukon Energy Corporation
Re: DCE ERA Discussions

12284
Judith

DCF

Date: February 21, 2014
Invoice Number: 1446461

For Professional Services rendered and disbursements advanced through January 31, 2014.

PROFESSIONAL SERVICES

<u>Date</u>	<u>Professional</u>	<u>Description</u>	<u>Hours</u>
01/09/14	PJL	Preparation for attendance on call re ERA filing.	1.50
01/17/14	PJL	Attendance on lengthy call re draft submission.	1.50
01/27/14	PJL	Call with Ed Mollard and InterGroup re letter for DCF filing.	0.50
Total Taxable Hours:			3.50
Total Taxable Fees:			\$ 1,382.50

BILL SUMMARY

Our Fees:	\$	1,382.50
REG # 110 152 824	\$	69.13
Total Current Invoice Due:	CAD \$	1,451.63

This is our account.

Davis LLP

Per: *P. John Landry*
P. John Landry

Please note that this account is payable on receipt. If not paid within 30 days from the invoice date, interest at the rate of prime plus 2% per annum will be charged from the invoice date.

Ear

159

DAVIS LLP
LEGAL ADVISORS SINCE 1892

OK to Pay

[Handwritten Signature]

H5740

Yukon Energy Corporation
P.O. Box 5920
Whitehorse, YT Y1A 5L6 Canada

Attention: David Morrison, President & CEO

Our File No: 84813-00171

Yukon Energy Corporation
Re: DCF ERA Discussions

JUN - 2 2014

Date: May 22, 2014
Invoice Number: 1466286

For Professional Services rendered and disbursements advanced through April 30, 2014.

PROFESSIONAL SERVICES

<u>Date</u>	<u>Professional</u>	<u>Description</u>	<u>Hours</u>
04/08/14	PJL	Review of DCF filing.	0.50
04/09/14	PJL	Review YUB letter.	0.50
Total Taxable Hours:			1.00
Total Taxable Fees:			\$ 395.00

12284 raised

BILL SUMMARY

	Our Fees:	\$	395.00
REG # 110 152 824	Total GST:	\$	19.75
	Total Current Invoice Due:	CAD \$	414.75

This is our account.

Davis LLP

Per: *Davis LLP*
P. John Landry

Please note that this account is payable on receipt. If not paid within 30 days from the invoice date, interest at the rate of prime plus 2% per annum will be charged from the invoice date.

JUN 19 2014

OK to Pay

E. Mully

12284 rec'd

Yukon Energy Corporation
 P.O. Box 5920
 Whitehorse, YT Y1A 5L6 Canada

Attention: David Morrison, President & CEO

Our File No: 84813-00171

Yukon Energy Corporation
 Re: DCF ERA Discussions

Date: June 11, 2014
 Invoice Number: 1471472

For Professional Services rendered and disbursements advanced through May 31, 2014.

PROFESSIONAL SERVICES

<u>Date</u>	<u>Professional</u>	<u>Description</u>	<u>Hours</u>
05/01/14	PJL	Review of decision; Telephone call with YUB counsel and emails regarding YECL lawyer.	1.50
05/13/14	PJL	Review of decision from Thursday; Telephone call to B. Giuseppe.	0.50
05/15/14	PJL	Telephone conference with Ed Mollard and Cam Osler regarding process on DCF hearing.	0.50
05/21/14	PJL	Redraft DCF letter and review of DCF hearing process.	1.00
05/22/14	PJL	Prepare for and attendance on call with Ed Mollard and InterGroup.	1.00
05/23/14	PJL	Telephone call to and from YECL and review new process letter.	0.50
05/26/14	PJL	Review of issues with YECL lawyer and follow up.	1.00
05/27/14	PJL	Review of email and follow up.	0.50
05/28/14	PJL	Prepare for and attend lengthy call with YUB counsel	1.00
05/29/14	PJL	Emails regarding progress with InterGroup.	0.50
Total Taxable Hours:			8.00
Total Taxable Fees:			\$ 3,160.00

BILL SUMMARY

Our Fees:	\$ 3,160.00
REG # 110 152 824	Total GST: \$ 158.00
Total Current Invoice Due:	CAD \$ 3,318.00

DAVIS LLP
LEGAL ADVISORS SINCE 1892

159

EM

OK to Pay

EM

Yukon Energy Corporation
P.O. Box 5920
Whitehorse, YT Y1A 5L6 Canada

Attention: David Morrison, President & CEO

OCT 20 2014

Our File No: 84813-00171

12284 *reid*

Yukon Energy Corporation
Re: DCF ERA Discussions

Date: July 11, 2014
Invoice Number: 1478228

For Professional Services rendered and disbursements advanced through June 30, 2014.

PROFESSIONAL SERVICES

<u>Date</u>	<u>Professional</u>	<u>Description</u>	<u>Hours</u>
06/03/14	PJL	Telephone call from Bennett Jones and follow up.	0.50
06/04/14	PJL	Conference call with Ed Mollard regarding strategy.	0.50
06/05/14	PJL	Draft of letter and telephone call to discuss strategy.	1.50
06/06/14	PJL	Conference calls on the issues regarding process; Emails and letter to Bennett & Jones.	1.00
06/09/14	PJL	Telephone calls relating to redrafts of letter.	0.50
06/16/14	PJL	Finalize letter to Yukon Utilities Board and telephone calls with Yukon Utilities Board.	0.50
06/17/14	PJL	Review of UCG letter and emails with YECL.	0.50
06/23/14	PJL	Telephone calls and emails regarding filing requirements.	0.50
06/24/14	PJL	Review of outline; Conference call with DCF team.	1.00
06/27/14	PJL	Telephone calls and emails regarding new submission.	0.50
06/30/14	PJL	Review and comment on new submission.	5.00

Total Taxable Hours: 13.00

Total Taxable Fees: \$ 5,135.00

OTHER CHARGES

<u>Description</u>	<u>Amount</u>
Long Distance Telephone	14.31
Taxable Other Charges:	\$ <u>14.31</u>

Total Other Charges: \$ 14.31
Total Fees and Other Charges: \$ 5,149.31

BILL SUMMARY

REG # 110 152 824

Our Fees: \$ 5,135.00
Total Other Charges: \$ 14.31
Total GST: \$ 257.47
Total Current Invoice Due: CAD \$ 5,406.78

5149.31

This is our account.

Davis LLP

Per: Davis LLP
P. John Landry

Please note that this account is payable on receipt. If not paid within 30 days from the invoice date, interest at the rate of prime plus 2% per annum will be charged from the invoice date.

159

OK to Pay
[Signature]

Yukon Energy Corporation
P.O. Box 5920
Whitehorse, YT Y1A 5L6 Canada

Attention: David Morrison, President & CEO

Our File No: 84813-00171

NOV 20 2014

12284
cred

Yukon Energy Corporation
Re: DCF ERA Discussions

Date: August 15, 2014
Invoice Number: 1485306

For Professional Services rendered and disbursements advanced through July 31, 2014.

PROFESSIONAL SERVICES

Legal Svcs DCF

<u>Date</u>	<u>Professional</u>	<u>Description</u>	<u>Hours</u>
07/02/14	PJL	Conference call with Mona Pollitt-Smith and follow up.	0.50
07/23/14	PJL	Reviewing the DCF IRs.	1.00
07/25/14	PJL	Review of finalized IRs.	0.50
07/28/14	PJL	Finalize IRs.	0.50
07/29/14	PJL	Review of IRs to YECL.	0.50

Total Taxable Hours:

3.00

Total Taxable Fees:

\$ 1,185.00 ✓

OTHER CHARGES

<u>Description</u>	<u>Amount</u>
Long Distance Telephone	4.80
Taxable Other Charges:	\$ <u>4.80</u>

Total Other Charges: \$ 4.80

Total Fees and Other Charges: \$ 1,189.80

BILL SUMMARY

Our Fees:	\$	1,185.00
Total Other Charges:	\$	4.80
REG # 110 152 824	\$	59.49
Total Current Invoice Due:	CAD \$	<u>1,249.29</u>

1189.80

159

12284

OK to Pay

S. Mall

Yukon Energy Corporation
P.O. Box 5920
Whitehorse, YT Y1A 5L6 Canada

Attention: David Morrison, President & CEO **DEC 11 2014**

Our File No: 84813-00171

12284 need

Yukon Energy Corporation
Re: DCF ERA Discussions

Date: September 9, 2014
Invoice Number: 1490979

For Professional Services rendered and disbursements advanced through August 31, 2014.

PROFESSIONAL SERVICES

Reg'l DCF/ERA - 4387.93
Leg Services - 549.57

<u>Date</u>	<u>Professional</u>	<u>Description</u>	<u>Hours</u>
08/11/14	PJL	Review of emails regarding IRs.	0.50
08/12/14	PJL	Review of IR process with Mona Pollitt-Smith.	0.50
08/13/14	PJL	Review draft IRs and comments.	7.50
08/15/14	PJL	Review of ATCO IRs.	0.50
08/18/14	PJL	Review of Yukon Utilities Board's IRs; Conference call with Mona Pollitt-Smith.	3.00
08/29/14	PJL	Review of emails regarding YEC evidence filing.	0.50

Total Taxable Hours: 12.50
Total Taxable Fees: \$ 4,937.50

BILL SUMMARY

Our Fees:	\$	4,937.50
REG # 110 152 824	\$	246.88
Total Current Invoice Due:	CAD \$	<u>5,184.38</u>

This is our account.

Davis LLP

Per: *David LLP*
P. John Landry

4937.50
549.57
4387.93

Please note that this account is payable on receipt. If not paid within 30 days from the invoice date, interest at the rate of prime plus 2% per annum will be charged from the invoice date.

159

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E. Mollard

Yukon Energy Corporation
P.O. Box 5920
Whitehorse, YT Y1A 5L6 Canada

Attention: David Morrison, President & CEO

Our File No: 84813-00171

NOV 20 2014

12284 (reid)

Yukon Energy Corporation
Re: DCF ERA Discussions

Date: October 8, 2014
Invoice Number: 1497790

For Professional Services rendered and disbursements advanced through September 30, 2014.

PROFESSIONAL SERVICES

Legal Services DCF

<u>Date</u>	<u>Professional</u>	<u>Description</u>	<u>Hours</u>
09/03/14	PJL	Meeting with Ed Mollard, Cam Osler and Mona Pollitt-Smith regarding response to YECL issue and LNG pricing.	2.50
09/04/14	PJL	Review of UCG material evidence and conference call with IG.	1.50
09/05/14	PJL	Review of issues regarding LNG; Emails and conference calls regarding process.	1.00
09/30/14	PJL	Emails regarding issues for argument.	0.50
Total Taxable Hours:			<u>5.50</u>
Total Taxable Fees:			\$ <u>2,172.50</u>

OTHER CHARGES

<u>Description</u>	<u>Amount</u>
Long Distance Telephone	1.32
Taxable Other Charges:	\$ <u>1.32</u>

Total Other Charges: \$ 1.32
Total Fees and Other Charges: \$ 2,173.82

BILL SUMMARY

Our Fees:	\$	2,172.50
Total Other Charges:	\$	1.32
Total GST:	\$	108.69
Total Current Invoice Due:	CAD \$	<u><u>2,282.51</u></u>

2173.82

159

OK to Pay

S. Mally

Yukon Energy Corporation
P.O. Box 5920
Whitehorse, YT Y1A 5L6 Canada

Attention: Ed Mollard

DEC 11 2014

Our File No: 84813-00171

12284.00

Yukon Energy Corporation
Re: DCF ERA Discussions

Date: November 19, 2014
Invoice Number: 1505832

Reg legal DCF/ERA PROC

For Professional Services rendered and disbursements advanced through October 31, 2014.

PROFESSIONAL SERVICES

<u>Date</u>	<u>Professional</u>	<u>Description</u>	<u>Hours</u>
10/01/14	PJL	Conference calls with Mona Pollitt-Smith.	0.50
10/02/14	PJL	Prepare for and attendance on conference call with DCF team regarding rebuttal evidence and argument.	1.50
10/09/14	PJL	Review of rebuttal evidence.	1.50
10/27/14	PJL	Review of DCF outline.	0.50
10/28/14	PJL	Review and comment on draft argument.	2.00
10/29/14	PJL	Review and comment on argument.	1.50

Total Taxable Hours:

7.50

Total Taxable Fees:

\$ 2,962.50

OTHER CHARGES

<u>Description</u>	<u>Amount</u>
Long Distance Telephone	30.10
Taxable Other Charges:	\$ 30.10

Total Other Charges: \$ 30.10

Total Fees and Other Charges: \$ 2,992.60

DISBURSEMENTS

<u>Description</u>	<u>Amount</u>
Long Distance Telephone	1.55
Non-Taxable Disbursements:	\$ 1.55
Long Distance Telephone	22.14

DAVIS LLP

OK to Pys vs 9 of 20

Matter: 84813-00171
Invoice: 1505832
Page: 2

Taxable Disbursements: \$ 22.14

Total Disbursements: \$ 23.69

Total Fees, Other Charges & Disbursements: \$ 3,016.29

BILL SUMMARY

	Our Fees:	\$	2,962.50	} 3016 ²⁹
	Total Other Charges:	\$	30.10	
	Total Disbursements:	\$	23.69	
REG # 110 152 824	Total GST:	\$	150.74	
	Total Current Invoice Due:	CAD \$	<u>3,167.03</u>	

This is our account.

Davis LLP

Per: _____
P. John Landry

Please note that this account is payable on receipt. If not paid within 30 days from the invoice date, interest at the rate of prime plus 2% per annum will be charged from the invoice date.

EM

DAVIS LLP
LEGAL ADVISORS SINCE 1892

159

DEC 16 2014

OK to Pay

[Signature]

Yukon Energy Corporation
P.O. Box 5920
Whitehorse, YT Y1A 5L6 Canada

Attention: Ed Mollard

Our File No: 84813-00171

Yukon Energy Corporation
Re: DCF ERA Discussions

12284 read

Date: December 8, 2014
Invoice Number: 1511991

For Professional Services rendered and disbursements advanced through November 30, 2014.

PROFESSIONAL SERVICES

<u>Date</u>	<u>Professional</u>	<u>Description</u>	<u>Hours</u>
11/12/14	PJL	Redrafting and comments on argument.	3.50
11/13/14	PJL	Review and finalize reply argument.	1.50
Total Taxable Hours:			<u>5.00</u>
Total Taxable Fees:			\$ 1,975.00

Regleg DEF/ERA

OTHER CHARGES

<u>Description</u>	<u>Amount</u>
Long Distance Telephone	11.84
Taxable Other Charges:	\$ 11.84

Total Other Charges: \$ 11.84

Total Fees and Other Charges: \$ 1,986.84

BILL SUMMARY

Our Fees:	\$ 1,975.00
Total Other Charges:	\$ 11.84
Total GST:	\$ 99.35
Total Current Invoice Due:	CAD \$ <u>2,086.19</u>

1986.84

REG # 110 152 824

InterGroup Consultants Ltd

285

OK to Pay

Sheld

WPR #4350

OCT 07 '13 PM 04:41



InterGroup

CONSULTANTS

500-280 Smith Street
Winnipeg, Manitoba
R3C 1K2
tel: (204) 942-0654
fax: (204) 943-3922
email: intergroup@intergroup.ca

Yukon Energy Corporation

P.O. Box 5920
Whitehorse, Yukon Y1A 6S7
Accounts Payable

INVOICE

No. P306B-17
July 31, 2013

YEC - GRA - 2013
P306B
Contract No. SA13003 - PO#11098
For Services Rendered Through July 31, 2013

rec'd

Professional Fees

	Hours	Rate	Amount
M02012 GRA Phase 1 Planning			
Osler, Cam	13.00	236.00	\$3,068.00
Pollitt-Smith, Mona	7.50	127.00	\$952.50
Najmidinov, Hamid	7.00	91.00	\$637.00
Yaholkoski, Doug	.25	105.00	\$26.25
Gordon, Jolene	.25	72.00	\$18.00
Admin/Clerical	.25	61.00	\$15.25
M02012 GRA Phase 1 Planning Total:	28.25		\$4,717.00
Total Professional Fee	28.25		\$4,717.00

Expenses

Osler, Cam
Jul 7-11 Whitehorse

Airfare \$612.17
Hotel \$296.50
Taxi \$26.67

Pollitt-Smith, Mona
Jul 7-11 Whitehorse

Airfare \$612.17
Hotel \$264.50
Meals \$65.81

Project P306B YEC - GRA - 2013

In-House	Photocopying	<u>\$25</u>	
Total Expenses			\$1,878.07

Taxes			
	Taxable Amount	Tax %	Amount
GST (R 1025 054 84)	\$6,595.07	5.00 %	\$329.75
Invoice Amount			\$6,924.82

Payment is due within 30 days of invoice date.
Please quote Invoice No. on payment. Thank you.

TIMESHEET BY PROJECT WITH COSTS

REPORTING PERIOD: From Monday, July 01, 2013 to Wednesday, July 31, 2013

CLIENT: Yukon Energy Corporation

PROJECT: P306B YEC - GRA - 2013

PROJECT/COMPONENT	HOURS Billed	DESCRIPTION
P306B-2.8 - DCF/ERA Filing		
Chopra, Rajni		
Friday, July 05, 2013	0.25	Provided accounting support.
Employee Total	0.25	
Gordon, Jolene		
Thursday, July 18, 2013	0.25	Provided administrative support.
Employee Total	0.25	
Najmidinov, Hamid		
Thursday, July 04, 2013	0.75	Checked ERA/DCF forecast for 2013, checked Mayo B average amortization based on new amortization rates.
Friday, July 05, 2013	1.50	Worked on excel file re: DCF/ERA letter to YUB.
Thursday, July 11, 2013	1.75	Worked on YECL incremental revenue forecast table for ERA.
Friday, July 12, 2013	2.00	Reviewed ERA updated table from C.Osler, had a meeting/call with C. Osler, M .Pollitt-Smith and E. Mollard on ERA discussion.
Tuesday, July 16, 2013	1.00	Worked on DCF illustration diagram.
Employee Total	7.00	
Osler, Cam		
Wednesday, July 03, 2013	2.00	Had ERA related discussions and drafting (call with J. Landry; drafted revised letter to YUB that includes ERA).
Thursday, July 04, 2013	2.50	Worked on DCF/ERA letter to YUB (Calls with J. Landry and then J. Landry /E. Mollard; edits by e-mail after each call).
Friday, July 05, 2013	0.75	Worked on ERA in letter to YUB (reviewed Excel sheet issues, clean up Excel file, final edits re: letter; related e-mails).
Wednesday, July 10, 2013	5.00	Worked with E. Mollard re: YECL ERA meeting preparation and follow up (and attend meeting with YECL).
Thursday, July 11, 2013	1.25	Reviewed H. Najmidinov's Excel re ERA analysis of YECL revenue from incremental wholesales; develop options for assessing net impacts on YEC and YECL (costs and revenues) of incremental wholesales (above GRA forecast) from 2012.
Friday, July 12, 2013	1.50	Reviewed H. Najmidinov's Excel sheet re: ERA analysis of YECL revenue from incremental wholesales; develop options for assessing net impacts on YEC and YECL (costs and revenues) of incremental wholesales (above GRA forecast) from 2012; send to E. Mollard and call with E. Mollard to review.
Employee Total	13.00	
Pollitt-Smith, Mona		
Thursday, July 04, 2013	1.00	Attended call with J. Landry and E. Mollard re: DCF/ERA letter.
Friday, July 05, 2013	1.00	Reviewed and finalized DCF/ERA letter.
Wednesday, July 10, 2013	4.00	Discussion with E. Mollard; prepared for meeting with YECL; met with YECL and debrief; discussion with C. Osler re analysis on ERA impacts.
Friday, July 12, 2013	1.50	Had call with E. Mollard re: ERA/DCF; and various emails and follow up re: ERA mechanism.
Employee Total	7.50	
Yaholkoski, Doug		
Tuesday, July 09, 2013	0.25	Provided accounting support.
Employee Total	0.25	
Component Total	28.25	
Project Total	28.25	

Amanda Davies

To: Cam Osler
Cc: 'Carole Osler'; Celeste Linton; Jolene Mollard; Roberta Connon; Rajni Chopra; Doug Yahlkoski
Subject: Cam, Wpg-WH Van, JULY 7-11 (P731.6)

Flight #1

P306B Airfare 7 3.5
GST 15.28

Air Canada
Booking Reference: M27YIV
Ticket Number: 0142122819832

Flight Details

From	To	Flight	Fare Class	Date	Depart	Arrive
Winnipeg (MB)	Vancouver (BC)	AC297	Flex	July 07, 2013	14:15	15:19
Vancouver (BC)	Whitehorse (YT)	AC291	Flex	July 07, 2013	18:55	21:20

Seat: 15D/16C
Cost: \$ 641.68
Method of Payment: Cam's Visa

Flight #2

P306B Airfare 7 78.11
GST 3.90

Air North
Itinerary Number: 00751745
Passenger ID Number: 095Y3NF2

Flight Details

From	To	Flight	Date	Depart	Arrive
Whitehorse (YT)	Vancouver (BC)	535	July 10, 2013	17:00	19:15

Seat: 4D
Cost: \$164.03
Method of Payment: Cam's Visa

Flight #3

P306B Airfare 7 228.50
GST 11.42

Air Canada
Booking Reference: M34BLV
Ticket Number: 0142122820528

Flight Details

From	To	Flight	Fare Class	Date	Depart	Arrive
Vancouver (BC)	Winnipeg (MB)	AC294	Latitude	July 11, 2013	08:50	13:31

Seat: 13D

Cost: \$ 479.50

Method of Payment: One Flight Credit

Flight Pass Package:

Accommodations In WHITEHORSE

Hotel: Edgewater Hotel

Location: 101 Main St, Whitehorse

Phone: 867-667-2572

Spoke to: Erin

Date: July 7-10 (Three Nights)

Cost: \$159+ Taxes

Confirmation # 5726

Cancellation Policy: Must cancel 48 prior to scheduled arrival

Accommodations in VANCOUVER

Hotel: The Fairmont Hotel (Airport Location)

Location: 3311 Grant McConachie Way

Phone: 604- 207-5200

Spoke To: Brittany

Date: July 10th (One night)

Cost: \$179.00+Taxes

Confirmation # 83947279

Cancellation Policy: Must cancel before 6pm on day of scheduled arrival

Adavies Interiors
17000 - 17000
17000 - 17000
17000 - 17000
17000 - 17000
adavies@intergroup.ca

Search Select Review Passengers Purchase Seats Itinerary

Itinerary/Receipt

Itinerary/Receipt



AIR CANADA

Your booking is confirmed. Please print/retain this page for your financial records (e.g. for taxation, expense claim or payment card reconciliation purposes). We thank you for choosing Air Canada and look forward to welcoming you on board.

Booking Information

Booking Reference: **M27YIV** Customer Care

Electronic Ticketing confirmed. This is your official itinerary/receipt.

Air Canada
1-888-247-2262

Main Contact:

Mr Cameron Osler
adavies@intergroup.ca
Mobile: 1-204-9420654
Home: 1-204-9420654
Work: 1-204-9420654

Flight Arrivals and Departures
1-888-422-7533

Flight Itinerary

Flight	From	To	Stops	Duration	Aircraft	Fare Type	Meal
AC297	Winnipeg (YWG) Sun 07-Jul 2013 14:15	Vancouver, Vancouver Int'l (YVR) Sun 07-Jul 2013 15:19 - Terminal M	0	9hr05	E90	Flex, H	F
AC291	Vancouver, Vancouver Int'l (YVR) Sun 07-Jul 2013 18:55 - Terminal M	Whitehorse (YXY) Sun 07-Jul 2013 21:20	0		E90	Flex, H	F

F: Food for purchase onboard All Onboard Café purchases made on board Air Canada flights are payable only with Visa, MasterCard and American Express credit cards.

Passenger Information

1: Mr Cameron Osler : Adult (16+), Ticket Number: 0142122819832

Air Canada - Aeroplan :

Meal Preference: None

Payment Card:

Special Needs: None

Seat Selection:

Purchase Summary

Fare Summary

Passenger Type

Adult

Air Transportation Charges

Departing Flight - Flex

556.00

Surcharges

23.00

Taxes, Fees and Charges

Canada Airport Improvement Fee

25.00

Canada Goods and Services Tax (GST/HST #10009-2287 RT0001)

30.56

Air Travellers Security Charge (ATSC)

7.12

Total airfare and taxes before options (per passenger)

641.68

Number of passengers

1

Travel Insurance (declined)

0.00

Grand Total - Canadian dollars

\$641.68

Payment Information

Credit/Debit Card

- Amount paid: \$641.68

The following charges (tax inclusive) will appear on your credit or debit card statement:

- Air Canada: \$641.68 (Airfare - per ticket)

Ticket number(s): 0142122819832

Fare Rules

Departing Flight Winnipeg (YWG) To Whitehorse (YXY) - Flex

• **Changes:**

Prior to day of departure - **Change fee** per direction, per passenger, is \$50 CAD plus applicable taxes and any additional fare difference. **Changes** can be made up to 2 hours prior to departure.

Your Air North, Yukon's Airline Itinerary

Thank you for booking with us!

Your itinerary number is 00751745

Passenger ID Number: O95Y3NF2
Address: 500-280 SMITH ST WINNIPEG, MB R3C 1K2 CAN
Booked: June 28, 2013
Booked By: P1847173102

WEDNESDAY JULY 10, 2013 › FLIGHT 535 - Whitehorse to Vancouver

DEPARTS 17:00 › ARRIVES 19:15 › STOPS 0 › Boeing 737

CAMERON OSLER

Purchase Summary

Total Fare	116.10
Fuel Surcharge	18.00
Air Travellers Security Charge	7.12
Seat Charge	15.00
Canada Goods and Service Tax #850219555	7.81
Itinerary Total	CDN 164.03
Payment	CRED-VISA
Credit Card Applied	CDN 164.03

Questions, comments or concerns?

Please do not reply to this email as it was issued by an automated message system. If you're received this message in error, please call Air North, Yukon's Airline at one of the numbers below.

How to contact us

- Toll-free (in North America): 1.800.661.0407 ext. 1
- (867) 668.2228 ext. 1
- Via our website at flyairnorth.com

Rules and Conditions

UPDATED AUGUST 1, 2012

Identification & Check-in Information

- **For Domestic Flights** — Check-in a minimum of 90 minutes prior to scheduled departure. Although we will do our best to assist, passengers arriving less than 20 minutes prior to the scheduled departure boarding may be denied. Valid government-issued identification featuring clear and identifiable photo of passenger and including name, date of birth and gender is required for all passengers.
- **For Trans-Border Flights** — Check -in a minimum of 90 minutes prior to scheduled departure. Although we will do our best to assist, passengers arriving less than 20 minutes prior to the scheduled departure

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My Bookings

Booking Details

UPGRADE

CHANGE

CANCEL

You may request a complimentary upgrade within 48 hours of departure, subject to availability.

Booking Details

Booking Reference M34BLV
Date Created Jun 28, 2013
Ticket Status Ticketed Electronically

Flight Details

From	To	Flight	Fare Class	Date	Depart	Arrive
Vancouver (BC)	Winnipeg (MB)	AC294	Latitude	Jul 11, 2013	08:50	13:31

Passenger Information

Passenger 1 CAMERON OSLER
Frequent Flyer Plan
Ticket Number 0142122820528
Meal Preference Regular
Special Needs None
Seat Selection AC294-13D

Contact Information

Address 280 500 SMITH ST
WINNIPEG MB
R3C1K2 CA
Home Phone 12049420654
Business Phone 12049420654
Fax

Fare Quote Details

Western Transborder Pass Latitude 30 credits (Canadian Dollars) 1 Flight Credit
Taxes, fees, and surcharges Included

Itinerary/Receipt

Itinerary/Receipt

Your booking is confirmed. Please print/retain this page for your financial records (e.g. for taxation, expense claim or payment card reconciliation purposes). We thank you for choosing Air Canada and look forward to welcoming you on board.

Booking Information

Booking Reference: M27YIV

Customer Care

Electronic Ticketing confirmed. This is your official itinerary/receipt.

Air Canada
1-888-247-2262

Main Contact:
Mr Cameron Osler
adavies@intergroup.ca
Mobile: 1-204-9420654
Home: 1-204-9420654
Work: 1-204-9420654

Flight Arrivals and Departures
1-888-422-7533

Flight Itinerary

Flight	From	To	Stops	Duration	Aircraft	Upgrade status
AC297	Winnipeg (YWG) Sun 07-Jul 2013 14:15	Vancouver, Vancouver Int'l (YVR) Sun 07-Jul 2013 15:19 - Terminal M	0	9hr05	E90	Upgraded
AC291	Vancouver, Vancouver Int'l (YVR) Sun 07-Jul 2013 18:55 - Terminal M	Whitehorse (YXY) Sun 07-Jul 2013 21:20	0		E90	Upgraded

M: Meal (Non Specific)

Passenger Information

1: Mr Cameron Osler : Adult (16+), Ticket Number: 0142122819832

Air Canada - Aeroplan :
Payment Card:
Seat Selection:

Meal Preference: **Regular**
Special Needs: **None**

Fare Rules

Departing Flight Winnipeg (YWG) To Whitehorse (YXY)

Although you will be seated in the Executive Class Cabin, please note that your booking remains subject to the fare rules of fare family you originally selected.



DELTA

VANCOUVER AIRPORT

3500 Cessna Drive, Richmond, British Columbia, V7B 1C7
 Tel: 604-278-1241 Fax: 604-276-1975

GOVT BC
 Mr Cameron Osler
 InterGroup Consultants
 500-280 Smith Street
 Winnipeg, MB R3C 1K2
 Canada

Room: 0922
 Folio: 292215
 Cashier: 209
 Arrival: 07-10-13
 Departure: 07-11-13
 Reference:

Date	Description	Additional Information	Charges	Credits
07-10-13	Room Charge	137.5	125.00	
07-10-13	Room GST		6.25	
07-10-13	Room Tax		10.00	
07-10-13	MRD Tax		2.50	
07-11-13	Visa			143.75

GST Summary		PST Summary		Total		Total
Registration No:	829158542					143.75
Room	6.25	Room	10.00	Balance Due	0.00 CDN	143.75
F&B	0.00	F&B	0.00			
Other	0.00	Other	0.00			
Total	6.25	Total	10.00			

Hotel P306 B ~~137.50~~
 GST 6.25

Guest Signature: _____

I agree that my liability for this bill is not waived and I agree to be held personally liable in the event that the indicated person, company, or association fails to pay for any part of or the full amount of these charges.



101 MAIN STREET
 WHITEHORSE, YT Y1A 2A7
 Phone: (867)667 2572 Fax: (867)668-3014
 Email: info@edgewaterukon.com
 www.EdgewaterHotelWhitehorse.com

Room Number: 123
 Daily Rate: 159.00
 Room Type: DELQS
 No. of Guests: 1 / 0
 PO Number:

ARRIVAL	DEPARTURE	GUEST NAME	RATE PLAN	CATEGORY	INVOICE
07/07/2013	07/10/2013	OSLER, CAMERON	GOVT	NEG	11110115726

DATE	ROOM NO.	DESCRIPTION	REFERENCE	AMOUNT
07/07/2013	123	Room Charge	#123 OSLER, CAMERON	\$159.00
07/07/2013	123	GST Room	GST Room	\$7.95
07/08/2013	123	Restaurant Charge	Restaurant Charge	\$16.18
07/08/2013	123	Room Charge	#123 OSLER, CAMERON	\$159.00
07/08/2013	123	GST Room	GST Room	\$7.95
07/09/2013	123	Room Charge	#123 OSLER, CAMERON	\$159.00
07/09/2013	123	GST Room	GST Room	\$7.95
07/10/2013	123	Visa	Visa	(\$517.03)

EDGEWATER HOTEL YUKON
 101 MAIN ST
 WHITEHORSE, YT Y1A0G5
 8676672572

Merchant ID: 87485900013
 Term ID: 001 Ref #: 010

Pre-Auth Compl

VISA Entry Method: Chip
 07/10/13 00:16:50
 Inv #: 000009 Appr Code: 001714
 Apprvd Batch#: 000043
 Original Pre-Auth Amount: \$ 600.00
 Total: \$ 517.03

P306B *166.95*
517.03

Hotel P306B
GST
~~*759.00*~~
7.95

I agree to pay above total amount
 according to card issuer agreement
 (Merchant agreement if credit voucher).
 Retain this copy for statement
 verification.

GSI #R 83165

TOTAL DUE: \$0.00

TERMS DUE
 BILL IS NOT W
 INDICATED PE
 AMOUNT OF T

Application Label:
 AID: A0000000031010
 TVR: 00 00 00 00 00
 TSI: F8 00

AGREE THAT MY LIABILITY FOR THIS
 LLY LIABLE IN THE EVENT THAT THE
 TO PAY FOR ANY PART OR THE FULL

Customer Copy

Thanks again! P306B
...and do call us
UNICITY TAXI LTD
(204) 925-3131

DATE Feb 11 / 13
TRIP FROM Airport ~~Home~~
TO Home
CAR AMOUNT
DRIVER 13.00

P306B Taxi \$ 12.38
GST 62

P306B
Date: 10/7/13 Amount: 15.00
From: EDGEWATER
To: YUKON EMERGE
Driver: 86 #58
Thank You

P306B Taxi 11.21
GST .71

INTERGROUP CONSULTANTS LTD. - EXPENSE CLAIM FORM

Mona Pollitt-Smith	Jul 7-11, 2013	
<i>Employee Name</i>	<i>Travel Dates (departure & return)</i>	<i>Posting Date</i>
	Vancouver/Whitehorse	
E880	<i>Destination</i>	

Date	GL Acct or Project No.	Expense Description	<i>D</i> Chargeable to Client	<i>E</i> GST
7-Jul	P306B	AirFare - AC	305.56	15.28
10-Jul	P306B	AirFare - AirNorth	78.11	3.90
11-Jul	P306B	AirFare - AC	228.50	11.42
10-Jul	P306B	Hotel - Delta	115.50	5.25
10-Jul	P306B	Meal - Hotel Delta	65.81	3.29
9-Jul	P306B	Hotel - Edgewater	149.00	7.45
			-	
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			-	
			-	
			-	
			-	

Totals	\$ 1,876.06	\$ 93.28
<i>GL Accounts</i>	<i>5200</i>	<i>2060</i>

Total Expense Claim	D + E \$ 1,969.34
----------------------------	------------------------------------

Rajni Chopra

From: Amanda Davies
Sent: Wednesday, July 03, 2013 11:23 AM
To: Mona Pollitt-Smith
Cc: Celeste Linton; Roberta Connon; Rajni Chopra; Jolene Mollard; Doug Yaholkoski
Subject: Mona, Wpg-WH-Van JULY 7-11 (P731.6)

P306B Air Fare \$ 305.56
GET 15.28

Flight #1

Air Canada
Booking Reference: M3G7WR
Ticket Number: 0142122820045

Flight Details

From	To	Flight	Fare Class	Date	Depart	Arrive
Winnipeg (MB)	Vancouver (BC)	AC297	Flex	July 07, 2013	14:15	15:19
Vancouver (BC)	Whitehorse (YT)	AC291	Flex	July 07, 2013	18:55	21:20

Seat: 15F/16A
Cost: \$ 641.68
Method of Payment: Cam's Visa

Flight #2

Air North

Itinerary Number: 00751739
Passenger ID Number: O95Y3NF2

P306B Air Fare \$ 78.11
GET 3.90

Flight Details

From	To	Flight	Date	Depart	Arrive
Whitehorse (YT)	Vancouver (BC)	535	July 10, 2013	17:00	19:15

Seat: 4E
Cost: \$164.03
Method of Payment: Cam's Visa

Flight #3

Air Canada
Booking Reference: M365HV
Ticket Number: 0142122820585

P306B Air Fare \$ 228.50
GET 11.42

Flight Details

From	To	Flight	Fare Class	Date	Depart	Arrive
Vancouver (BC)	Winnipeg (MB)	AC294	Latitude	July 11, 2013	08:50	13:31

Seat: 13F
Cost: \$ 479.50
Method of Payment: One Flight Credit
Flight Pass Package: *Western Transborder Pass* Reference

Accommodations In WHITEHORSE

Hotel: Edgewater Hotel
Location: 101 Main St, Whitehorse
Phone: 867-667-2572
Spoke to: Erin
Date: July 7-10 (Three Nights)
Cost: \$159+ Taxes
Confirmation # **5727**
Cancellation Policy: Must cancel 48 prior to scheduled arrival

Accommodations in VANCOUVER

Hotel: The Fairmont Hotel (Airport Location)
Location: 3311 Grant McConachie Way
Phone: 604- 207-5200
Spoke To: Brittany
Date: July 10th (One night)
Cost: \$179.00+Taxes
Confirmation # **83947286**
Cancellation Policy: Must cancel before 6pm on day of scheduled arrival

Amanda Davies
Admin. Assistant
InterGroup Consultants
(204) 942-0654
adavies@intergroup.ca



DELTA

VANCOUVER AIRPORT

3500 Cessna Drive, Richmond, British Columbia, V7B 1C7
 Tel: 604-278-1241 Fax: 604-276-1975

GOVT BC
 Ms Mona C Pollitt-Smith

Room: 0918
 Folio: 292214
 Cashier: 208
 Arrival: 07-10-13
 Departure: 07-11-13
 Reference:

Date	Description	Additional Information	Charges	Credits
07-10-13	Pier 73 Dinner <i>- Dinner with Cash</i>	003803020130710202228	89.10	<i>REMOVE 20.05 Personal Expense</i>
07-10-13	Room Charge		105.00	
07-10-13	Room GST		5.25	
07-10-13	Room Tax		8.40	
07-10-13	MRD Tax		2.10	
07-11-13	Visa			209.85
			XX/XX	

GST Summary

Registration No: 829158542

Room	5.25
F&B	3.60
Other	0.00
Total	8.85

PST Summary

Room	8.40
F&B	2.50
Other	0.00
Total	10.90

Total 209.85 209.85

Balance Due 0.00 CDN

P306 B Hotel ~~115.50~~
 GET 5.25

P306 B Meal ~~65.81~~
 GET 3.29

Personal 20.00

Guest Signature: _____

I agree that my liability for this bill is not waived and I agree to be held personally liable in the event that the indicated person, company, or association fails to pay for any part of or the full amount of these charges.



EDGEWATER HOTEL

Whitehorse, Yukon Territory, Canada

101 MAIN STREET
WHITEHORSE, YT Y1A 2A7
Phono: (867)667-2572 Fax: (867)668-3014
Email: info@edgewaterukon.com
www.EdgewaterHotelWhitehorse.com

YUKON DEVELOPMENT CORPORATION

Room Number: 106
Daily Rate: 149.00
Room Type: STND
No. of Guests: 1 / 0
PO Number:

ARRIVAL	DEPARTURE	GUEST NAME	RATE PLAN	CATEGORY	INVOICE
07/07/2013	07/10/2013	POLLITT-SMITH, MONA	GOVT	NEG	11110115727

DATE	ROOM NO.	DESCRIPTION	REFERENCE	AMOUNT
07/07/2013	106	Room Charge	#106 POLLITT-SMITH, MONA	\$149.00
07/07/2013	106	GST Room	GST Room	\$7.45
07/08/2013	106	Room Charge	#106 POLLITT-SMITH, MONA	\$149.00
07/08/2013	106	GST Room	GST Room	\$7.45
07/09/2013	106	Restaurant Charge	Restaurant Charge	\$24.58
07/09/2013	106	Room Charge	#106 POLLITT-SMITH, MONA	\$149.00
07/09/2013	106	GST Room	GST Room	\$7.45
07/10/2013	106	Visa	Visa	(\$493.93)

EDGEWATER HOTEL YUKON
101 MAIN ST
WHITEHORSE, YT Y1A0G5
8676672572

Merchant ID: 87485900013
Term ID: 001 Ref ID: 017

Pre-Auth Compl

VISA Entry Method: Chip
 07/10/13 08:18:57
 Inv #: 000010 Appr Code: 001023
 Apprvd Batch#: 000043
 Original Pre-Auth Amount: \$ 570.00
 Total: \$ 493.93

I agree to pay above total amount according to card issuer agreement (Merchant agreement if credit voucher) Retain this copy for statement verification.

GS1 #R-83165 1229

TERMS: DUE AND PAYABLE
BILL IS NOT WAIVED AND
INDICATED PERSON, (NAME)
AMOUNT OF THESE CHARGES

Application Label: SCOTIABANK VISA
AID: A0000000031010
TVR: 00 00 00 00 00
TSI: F8 00

HOLD MY LIABILITY FOR THIS
3LE IN THE EVENT THAT THE
FOR ANY PART OR THE FULL

CREDIT DUE: (\$0.00)

Hotel 1300 B \$ 149.00
985 7 45

285



InterGroup
CONSULTANTS

500-280 Smith Street
Winnipeg, Manitoba
R3C 1K2
tel: (204) 942-0654
fax: (204) 943-3922
email: intergroup@intergroup.ca

OCT 08 '13 AM 09:00

OK to Pay

4389

Yukon Energy Corporation

P.O. Box 5920
Whitehorse, Yukon Y1A 6S7
Accounts Payable

INVOICE

No. P306B-18
August 31, 2013

YEC - GRA - 2013
P306B
Contract No. SA13003 - PO#11098 *reid*
For Services Rendered Through August 31, 2013
DCF + ERA

Professional Fees

	Hours	Rate	Amount
M02012 GRA Phase 1 Planning			
Osler, Cam	2.25	236.00	\$531.00
Pollitt-Smith, Mona	5.00	127.00	\$635.00
Najmidinov, Hamid	5.00	91.00	\$455.00
Verbeek, Linda	.25	105.00	\$26.25
Gray, Carla	.25	105.00	\$26.25
Admin/Clerical	.50	61.00	\$30.50
M02012 GRA Phase 1 Planning Total:	13.25		\$1,704.00
Total Professional Fee	13.25		\$1,704.00

Taxes

	Taxable Amount	Tax %	Amount
GST (R 1025 054 84)	\$1,704.00	5.00 %	\$85.20
Invoice Amount			\$1,789.20

Payment is due within 30 days of invoice date.
Please quote Invoice No. on payment. Thank you.

TIMESHEET BY PROJECT WITH COSTS

REPORTING PERIOD: From Thursday, August 01, 2013 to Saturday, August 31, 2013

CLIENT: Yukon Energy Corporation

PROJECT: P306B YEC - GRA - 2013

PROJECT/COMPONENT	HOURS Billed	DESCRIPTION
P306B-2.8 - DCF/ERA Filing		
Chopra, Rajni		
Wednesday, August 07, 2013	0.50	Provided accounting support.
Employee Total	0.50	
Gray, Carla		
Friday, August 02, 2013	0.25	Provided accounting support.
Employee Total	0.25	
Najmidinov, Hamid		
Monday, August 26, 2013	1.75	Worked on revised ERA calculation file.
Tuesday, August 27, 2013	1.25	Worked on revised ERA calculation file.
Wednesday, August 28, 2013	0.75	Worked on ERA: Cross-check numbers in word document and revise the excel table based on Ed Mollard's comments.
Thursday, August 29, 2013	0.50	Worked on average energy rate analysis for ERA table.
Friday, August 30, 2013	0.75	Worked on average energy rate for ERA, updated tables and text based on updated average rate.
Employee Total	5.00	
Osler, Cam		
Tuesday, August 20, 2013	0.25	Had a call with E. Mollard on ERA.
Sunday, August 25, 2013	0.75	Made edits and number review for notes to YECL on revised ERA calculation.
Monday, August 26, 2013	0.25	Review & comment on H. Najmidinov's ERA revised example.
Tuesday, August 27, 2013	0.25	Review & comment on H. Najmidinov's ERA revised example.
Wednesday, August 28, 2013	0.50	Review & comment on H. Najmidinov's ERA revised example (issues re YECL average rate assumption).
Thursday, August 29, 2013	0.25	Review & comment on H. Najmidinov's ERA revised example.
Employee Total	2.25	
Pollitt-Smith, Mona		
Tuesday, August 20, 2013	0.50	Had a call with E. Mollard re: DCF/ERA
Sunday, August 25, 2013	3.00	Reviewed DCF and ERA materials - created outline of DCF filing and draft filing. Draft ERA summary letter.
Monday, August 26, 2013	0.50	Review DCF material/filing; edit and send ERA memo to ed
Saturday, August 31, 2013	1.00	Draft ERA/DCF filing
Employee Total	5.00	
Verbeek, Linda		
Tuesday, August 06, 2013	0.25	Provided accounting support.
Employee Total	0.25	
Component Total	13.25	
Project Total	13.25	



InterGroup

CONSULTANTS

500-280 Smith Street
 Winnipeg, Manitoba
 R3C 1K2
 tel: (204) 942-0654
 fax: (204) 943-3922
 email: intergroup@intergroup.ca

205

OK to Pay

[Signature]

#4361

OCT 08 13 AM 09:00

Yukon Energy Corporation

P.O. Box 5920
 Whitehorse, Yukon Y1A 6S7
 Accounts Payable

INVOICE

No. P306B-19
 September 30, 2013

YEC - GRA - 2013
P306B
 Contract No. SA13003 - PO#11098
 For Services Rendered Through September 30, 2013

void
 DCF+ERA

Professional Fees

	Hours	Rate	Amount
DCF/ERA Filing			
Osler, Cam	3.75	236.00	\$885.00
Bowman, Patrick	.50	185.00	\$92.50
Pollitt-Smith, Mona	19.00	127.00	\$2,413.00
Najmidinov, Hamid	2.50	91.00	\$227.50
Verbeek, Linda	.25	105.00	\$26.25
Gray, Carla	.25	105.00	\$26.25
Admin/Clerical	1.25	61.00	\$76.25
DCF/ERA Filing Total:	27.50		\$3,746.75
Total Professional Fee	27.50		\$3,746.75

Expenses

In-House			
	Photocopying	<u>\$58.26</u>	
Total Expenses			\$58.26

Taxes

	Taxable Amount	Tax %	Amount
GST (R 1025 054 84)	\$3,805.01	5.00 %	\$190.25

Invoice Amount **\$3,995.26**

Payment is due within 30 days of invoice date.
 Please quote Invoice No. on payment. Thank you.

TIMESHEET BY PROJECT WITH COSTS

REPORTING PERIOD: From Sunday, September 01, 2013 to Monday, September 30, 2013

CLIENT: Yukon Energy Corporation

PROJECT: P306B YEC - GRA - 2013

PROJECT/COMPONENT	HOURS Billed	DESCRIPTION
P306B-2.8 - DCF/ERA Filing		
Bowman, Patrick		
Friday, September 20, 2013	0.50	Checked for KGS power benefits model scope.
Employee Total	0.50	
Chopra, Rajni		
Thursday, September 05, 2013	0.25	Provided accounting support.
Employee Total	0.25	
Gray, Carla		
Tuesday, September 03, 2013	0.25	Provided accounting support.
Employee Total	0.25	
Linton, Celeste		
Friday, September 06, 2013	1.00	Formatted DCF documents for M. Pollitt-Smith.
Employee Total	1.00	
Najmidinov, Hamid		
Monday, September 23, 2013	2.50	Worked on DCF/ERA update based on 2013 full-year-forecast numbers.
Employee Total	2.50	
Osler, Cam		
Wednesday, September 04, 2013	1.00	Reviewed and edits to draft DCF/ERA application.
Wednesday, September 18, 2013	0.25	Had a call with E. Mollard re: prep for meeting YECL on ERA/DCF and related discussion with M. Pollitt-Smith prior to call.
Thursday, September 19, 2013	2.00	Had a call with YECL/ E. Mollard re: ERA/DCF; followed up with M. Pollitt-Smith and E. Mollard.
Friday, September 20, 2013	0.50	Reviewed and edited draft letter to YUB re: DCF/ERA schedule extension.
Employee Total	3.75	
Pollitt-Smith, Mona		
Monday, September 02, 2013	2.00	Drafted ERA/DCF filing.
Tuesday, September 03, 2013	2.00	Worked DCF/ERA filing.
Wednesday, September 04, 2013	4.00	Worked DCF/ERA filing.
Thursday, September 05, 2013	4.00	Worked on DCF/ERA filing edits.
Friday, September 06, 2013	1.00	Reviewed and edited ERA/DCF filing.
Saturday, September 07, 2013	0.50	Had a discussion with E. Mollard; reviewed and responded to emails.
Wednesday, September 18, 2013	1.00	Had a call with E. Mollard to prepare for ERA/DCF meeting with YECL; addressed budget and workplan issues.
Thursday, September 19, 2013	2.00	Had a DCF/ERA call with YECL; follow up discussions.
Friday, September 20, 2013	1.00	Drafted extension letter and sent to C. Osler and E. Mollard for
Monday, September 23, 2013	1.00	Discussion with E. Mollard; review update for 2013 actuals.
Wednesday, September 25, 2013	0.50	Reviewed emails; discussion with E. Mollard.
Employee Total	19.00	
Verbeek, Linda		
Wednesday, September 11, 2013	0.25	Provided accounting support.
Employee Total	0.25	
Component Total	27.50	

205
DEC - 3 2013



InterGroup
CONSULTANTS

500-280 Smith Street
Winnipeg, Manitoba
R3C 1K2
tel: (204) 942-0654
fax: (204) 943-3922
email: intergroup@intergroup.ca

OK to Pay

[Signature]

WPR# 4750

Yukon Energy Corporation

P.O. Box 5920
Whitehorse, Yukon Y1A 6S7
Accounts Payable

INVOICE

No. P306B-20
October 31, 2013

YEC - GRA - 2013
P306B
Contract No. SA13003 - PO#11098 *revised*
For Services Rendered Through October 31, 2013

Professional Fees

	Hours	Rate	Amount
DCF/ERA Filing			
Osler, Cam	11.25	240.00	\$2,700.00
Pollitt-Smith, Mona	20.00	135.00	\$2,700.00
Najmidinov, Hamid	1.50	96.00	\$144.00
Gordon, Jolene	.25	76.00	\$19.00
Verbeek, Linda	.25	106.00	\$26.50
Admin/Clerical	.25	62.00	\$15.50
DCF/ERA Filing Total:	33.50		\$5,605.00
Total Professional Fee	33.50		\$5,605.00

Taxes

	Taxable Amount	Tax %	Amount
GST (R 1025 054 84)	\$5,605.00	5.00 %	\$280.25
Invoice Amount			\$5,885.25

Payment is due within 30 days of invoice date.
Please quote Invoice No. on payment. Thank you.

TIMESHEET BY PROJECT WITH COSTS

REPORTING PERIOD: From Tuesday, October 01, 2013 to Thursday, October 31, 2013

CLIENT: Yukon Energy Corporation

PROJECT: P306B YEC - GRA - 2013

PROJECT/COMPONENT	HOURS Billed	DESCRIPTION
P306B-2.8 - DCF/ERA Filing		
Chopra, Rajni		
Wednesday, October 02, 2013	0.25	Provided accounting support.
Employee Total	0.25	
Gordon, Jolene		
Sunday, October 06, 2013	0.25	Provided financial support.
Employee Total	0.25	
Najmidinov, Hamid		
Friday, October 18, 2013	1.50	Reviewed and checked YECL's DCF proposal.
Employee Total	1.50	
Osler, Cam		
Tuesday, October 15, 2013	0.50	Had initial discussion with M. Pollitt-Smith on YECL draft document.
Wednesday, October 16, 2013	1.25	Had a call with E. Mollard, J. Landry and M. Pollitt-Smith on dealing with YECL draft document and DCF/ERA upcoming filing.
Tuesday, October 22, 2013	2.00	Met with E. Mollard and J. Landry (on phone) to review DCF/ERA issues; subsequent further review and e-mails.
Wednesday, October 23, 2013	0.25	Responded to e-mails.
Friday, October 25, 2013	0.65	Had a call with E. Mollard re: DCF/ERA issues.
Sunday, October 27, 2013	0.60	Reviewed with M. Pollitt-Smith approach to drafting submission.
Monday, October 28, 2013	3.00	Reviewed and comment on details re: YECL DCF/ERA draft; discussed with M. Pollitt-Smith; provided notes to help prepare approach for YEC filing.
Wednesday, October 30, 2013	1.50	Reviewed and edited M. Pollitt-Smith's draft material and review of related history.
Thursday, October 31, 2013	1.50	Reviewed and edited M. Pollitt-Smith's draft material and review of related history.
Employee Total	11.25	
Pollitt-Smith, Mona		
Monday, October 14, 2013	0.50	Drafted letter re: extension.
Tuesday, October 15, 2013	2.00	Had a call with E. Mollard; reviewed DCF proposal and send email; discussed proposal issues with C. Osler.
Wednesday, October 16, 2013	3.00	Sent an email to E. Mollard re: YECL DCF/ERA proposal. Had a call with J. Landry. Conference Call with J. Landry and E. Mollard re: Application.
Tuesday, October 22, 2013	1.50	Attended a conference call with E. Mollard and J. Landry re: DCF/ERA filing; reviewed issues with C. Osler.
Wednesday, October 23, 2013	0.50	Reviewed emails and materials.
Friday, October 25, 2013	0.50	Had a call with E. Mollard to review approach.
Sunday, October 27, 2013	1.00	Reviewed materials and outline and discussed with C. Osler
Monday, October 28, 2013	1.00	Had a discussion with C. Osler re: DCF/ERA outline; reviewed materials and work on draft filing.
Tuesday, October 29, 2013	2.00	Worked on DCF/ERA filing.
Wednesday, October 30, 2013	5.00	Reviewed prior applications re: DCF and ERA.
Thursday, October 31, 2013	3.00	Worked on DCF/ERA filing.
Employee Total	20.00	
Verbeek, Linda		
Wednesday, October 30, 2013	0.25	Provided accounting support.
Employee Total	0.25	
Component Total	33.50	

DEC 27 2013

285

OK to Pay

[Handwritten signature]

#4944



InterGroup
CONSULTANTS

500-280 Smith Street
Winnipeg, Manitoba
R3C 1K2
tel: (204) 942-0654
fax: (204) 943-3922
email: intergroup@intergroup.ca

Yukon Energy Corporation

P.O. Box 5920
Whitehorse, Yukon Y1A 6S7
Accounts Payable

INVOICE

No. P306B-21
November 30, 2013

YEC - GRA - 2013
P306B
Contract No. SA13003 - PO#11098 *reid*
For Services Rendered Through November 30, 2013

Professional Fees

	Hours	Rate	Amount
DCF/ERA Filing			
Osler, Cam	10.50	240.00	\$2,520.00
Pollitt-Smith, Mona	6.50	135.00	\$877.50
Gordon, Jolene	.25	76.00	\$19.00
Verbeek, Linda	.25	106.00	\$26.50
Admin/Clerical	.75	62.00	\$46.50
DCF/ERA Filing Total:	18.25		\$3,489.50
Total Professional Fee	18.25		\$3,489.50

Expenses

2.8 DCF/ERA Filing		
Osler, Cam		
Nov 17-20 Vancouver		
Airfare		\$457.00
Hotel		\$128.15
Pollitt-Smith, Mona		
Nov 17-20 Vancouver		
Airfare		\$457.00
Hotel		\$128.15

In-House

Photocopying	<u>\$20.13</u>
2.8 DCF/ERA Filing Total:	\$1,190.43

Total Expenses **\$1,190.43**

Taxes

	Taxable Amount	Tax %	Amount
GST (R 1025 054-84)	\$4,679.93	5.00 %	\$234.00
Invoice Amount			\$4,913.93

TIMESHEET BY PROJECT WITH COSTS

REPORTING PERIOD: From Friday, November 01, 2013 to Saturday, November 30, 2013

CLIENT: Yukon Energy Corporation

PROJECT: P306B YEC - GRA - 2013

PROJECT/COMPONENT	HOURS Billed	DESCRIPTION
P306B-2.8 - DCF/ERA Filing		
Chopra, Rajni		
Tuesday, November 12, 2013	0.25	Provided accounting support.
Thursday, November 28, 2013	0.50	Provided accounting support.
Employee Total	0.75	
Gordon, Jolene		
Wednesday, November 06, 2013	0.25	Provided accounting support.
Employee Total	0.25	
Osler, Cam		
Friday, November 01, 2013	1.00	Had ongoing discussion and edits re: M. Pollitt-Smith DCF/ERA drafts; briefed E. Mollard on status.
Thursday, November 14, 2013	0.50	Sent comments to E. Mollard on draft letter to YUB; reviewed with H. Najmidinov issues re: ER/DCF update tables.
Friday, November 15, 2013	1.50	Had a call with E. Mollard and J. Landry to prepare for meeting next week re: DCF/ERA issues, discussed nature of issues and some options; reviewed some of H. Najmidinov's analysis and start review of new information from E. Mollard.
Tuesday, November 19, 2013	2.50	Met with E. Mollard and M. Brandt to prepare for meeting tomorrow; related e-mails and preparation, including analysis of 28 year water year data interaction with DCF.
Wednesday, November 20, 2013	4.50	Attended meeting with YEC (D. Morrison, E. Mollard, M. Brandt and J. Landry) to review issues and approach for DCF and ERA going forward in context of 2014BP.
Thursday, November 21, 2013	0.50	Reviewed follow-up issues from yesterday's meeting with YEC.
Employee Total	10.50	
Pollitt-Smith, Mona		
Friday, November 01, 2013	2.00	Reviewed notes from C. Osler; made edits to DCF/ERA notes; call with E. Mollard.
Tuesday, November 19, 2013	1.50	Had discussions with C. Osler and E. Mollard re: DCF/ERA issues.
Wednesday, November 20, 2013	3.00	Attended meeting to review and discuss approach to DCF and ERA.
Employee Total	6.50	
Verbeek, Linda		
Wednesday, November 13, 2013	0.25	Provided accounting support.
Employee Total	0.25	
Component Total	18.25	
Project Total	18.25	

Rajni Chopra

From: Amanda Davies
Sent: Tuesday, November 12, 2013 4:10 PM
To: Cam Osler
Cc: Jolene Gordon; Roberta Connon; Rajni Chopra; Celeste Linton; c.osler@shaw.ca
Subject: Cam, Wpg-Van. Nov 17-20 (P731,6)
Attachments: AC Wpg-Van Nov 17-20 2013 eUpgraded.pdf; Delta Nov 17-20.pdf

P731.6A

Air Canada
Booking Reference: NNA48V
Ticket Number: 0142127476739

P306B
95T
457.00
22.85

Flight Details

From	To	Flight	Fare Class	Date	Depart	Arrive
Winnipeg (MB)	Vancouver (BC)	AC297	Executive	Nov 17, 2013	14:00	15:10
Vancouver (BC)	Winnipeg (MB)	AC296	Executive	Nov 20, 2013	16:30	21:11

Seat: 1D & 2D eUpgraded
Cost: \$479.85 x 2 = \$ 959.70
Method of Payment: Two Flight Credits
Flight Package Used: *Western Transborder* Reference No.:

Accommodations

Hotel: The Delta Downtown
Location: 550 West Hastings Street, Vancouver
Phone: 604-689-8188
Spoke to: Reservations
Date: November 17-20 (Three Nights)
Cost: \$ 401.91 (total)
Confirmation # 32282264
Cancellation Policy: Must cancel 24 hours prior to 3pm on scheduled arrival day



MR CAMERON I
Aeroplan Miles 6

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My Bookings

Booking Details

Booking Details

Booking Reference	NNA48V
Date Created	Nov 06, 2013
Ticket Status	Ticketed Electronically

Flight Details

From	To	Flight	Fare Class	Date	Depart	Arrive
Winnipeg (MB)	Vancouver (BC)	AC297	Executive	Nov 17, 2013	14:00	15:10
Vancouver (BC)	Winnipeg (MB)	AC296	Executive	Nov 20, 2013	16:30	21:11

Passenger Information

Passenger 1	CAMERON OSLER
Frequent Flyer Plan	
Ticket Number	0142127476739
Meal Preference	Regular
Special Needs	None
Seat Selection	

Contact Information

Address	280 500 SMITH ST WINNIPEG MB R3C1K2 CA
Home Phone	12049420654
Business Phone	12049420654
Fax	

Fare Quote Details

Western Transborder Pass Latitude 30 credits 2 Flight Credits



DELTA

VANCOUVER SUITES

550 West Hastings Street
 Vancouver, British Columbia, V6B 1L6
 Tel: 604-689-8188 Fax: 604-605-8881

GOVT BC
 Mr Cameron Osler
 InterGroup Consultants
 500-280 Smith Street
 Winnipeg MB R3C 1K2
 Canada

Room: 2006
 Follo:
 Cashier: 14
 Arrival: 11-17-13
 Departure: 11-20-13
 Reference:

Date	Description	Additional Information	Charges	Credits
11-17-13	Room Charge		115.00	
11-17-13	Room DMF		1.50	
11-17-13	Room GST		5.82	
11-17-13	Room PST		11.65	
11-18-13	Room Charge		115.00	
11-18-13	Room DMF		1.50	
11-18-13	Room GST		5.82	
11-18-13	Room PST		11.65	
11-19-13	Room Charge		115.00	
11-19-13	Room DMF		1.50	
11-19-13	Room GST		5.82	
11-19-13	Room PST		11.65	
11-20-13	Visa			401.91

GST Summary	
Registration No: 896692290	
Room	17.46
F&B	0.00
Other	0.00
Total	17.46

PST Summary	
Room	34.95
F&B	0.00
Other	0.00
Total	34.95

Total	401.91	401.91
Balance Due	0.00	CDN

P306(28) 133.97
401.91

Hotel P306 B 128.15
985 5.82

Guest Signature: _____

I agree that my liability for this bill is not waived and I agree to be held personally liable in the event that the indicated person, company, or association fails to pay for any part of or the full amount of these charges.

Rajni Chopra

From: Amanda Davies
Sent: Tuesday, November 12, 2013 4:10 PM
To: Mona Poljitt-Smith
Cc: Roberta Connon; Rajni Chopra; Celeste Linton; Jolene Gordon
Subject: Mona, Wpg-Van. Nov 17-20 (P731.6)
Attachments: AC Wpg-Van Nov 17-20 2013 eUpgraded.pdf; Delta Nov 17-20.pdf

P731.6A

Air Canada
Booking Reference: NNUZRR
Ticket Number: 0142127477418

Flight Details

From	To	Flight	Fare Class	Date	Depart	Arrive
Winnipeg (MB)	Vancouver (BC)	AC297	Executive	Nov 17, 2013	14:00	15:10
Vancouver (BC)	Winnipeg (MB)	AC296	Executive	Nov 20, 2013	16:30	21:11

*P 306 B
955* *457.00
22.85*

Seat: 1F & 2F eUpgraded
Cost: . *459.70*
Method of Payment: Two Flight Credits
Flight Package Used: *Western Transborder* Reference

Accommodations

Hotel: The Delta Downtown
Location: 550 West Hastings Street, Vancouver
Phone: 604-689-8188
Spoke to: Reservations
Date: November 17-20 (Three Nights)
Cost: \$ 401.91 (total)
Confirmation # 32282268
Cancellation Policy: Must cancel 24 hours prior to 3pm on scheduled arrival day



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 Aeoplan Miles 687,399

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My Bookings

Booking Details

Booking Details

Booking Reference NNU/RR
Date Created Nov 06, 2013
Ticket Status Ticketed Electronic-ly

Flight Details

From	To	Flight	Fare Class	Date	Depart	Arrive
Winnipeg (MB)	Vancouver (BC)	AC297	Economy	Nov 17, 2013	14:00	15:10
Vancouver (BC)	Winnipeg (MB)	AC296	Economy	Nov 20, 2013	15:10	21:11

Passenger Information

Passenger 1 MONA POLITSMIH
Frequent Flyer Plan
Ticket Number 0142127477418
Meal Preference Regular
Special Needs None
Seat Selection AC297-1F
 AC296-2I

Contact Information

Address 280 500 SMITH ST
 WINNIPEG MB
 R3C 1K2 CA
Home Phone 12049420654
Business Phone 12049420654
Fax

Fare Quote Details

Western Transborder Pass Latitude 30 credits 2 Flight Credits
Taxes, fees, and surcharges Included

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DELTA

VANCOUVER SUITES

550 West Hastings Street
 Vancouver, British Columbia, V6B 1L6
 Tel: 604-689-8188 Fax: 604-605-8881

GOVT BC
 Ms Mona Pollitt-Smith

Room: 2013
 Folio: 195543
 Cashier: 100
 Arrival: 11-17-13
 Departure: 11-20-13
 Reference:

Date	Description	Additional Information	Charges	Credits
11-17-13	Room Charge		115.00	
11-17-13	Room DMF		1.50	
11-17-13	Room GST		5.82	
11-17-13	Room PST		11.65	
11-18-13	Room Charge		115.00	
11-18-13	Room DMF		1.50	
11-18-13	Room GST		5.82	
11-18-13	Room PST		11.65	
11-19-13	Room Charge		115.00	
11-19-13	Room DMF		1.50	
11-19-13	Room GST		5.82	
11-19-13	Room PST		11.65	
11-20-13	Visa			401.91

GST Summary Registration No: 896692290 Room 17.46 F&B 0.00 Other 0.00 Total 17.46		PST Summary Room 34.95 F&B 0.00 Other 0.00 Total 34.95		Total 401.91 401.91 <hr/> Balance Due 0.00 CDN	
--	--	--	--	--	--

P3e6 B Hotel ~~128.15~~
 GST 5.82

Guest Signature: _____

I agree that my liability for this bill is not waived and I agree to be held personally liable in the event that the indicated person, company, or association fails to pay for any part of or the full amount of these charges.



InterGroup

CONSULTANTS

500-280 Smith Street
Winnipeg, Manitoba
R3C 1K2
tel: (204) 942-0654
fax: (204) 943-3922
email: intergroup@intergroup.ca

OK to Pay

Smiled

5098

285

Yukon Energy Corporation

P.O. Box 5920
Whitehorse, Yukon Y1A 6S7
Accounts Payable

JAN 15 2014

11098 *revised*

INVOICE

No. P306B-22
December 31, 2013

YEC - GRA - 2013

P306B

Contract No. SA13003 - PO#11098

For Services Rendered Through December 31, 2013

\$2414.72

Professional Fees

	Hours	Rate	Amount
DCF/ERA Filing			
Osler, Cam	3.25	240.00	\$780.00
Pollitt-Smith, Mona	2.00	135.00	\$270.00
Verbeek, Linda	.25	106.00	\$26.50
Gray, Carla	.75	106.00	\$79.50
Admin/Clerical	.75	62.00	\$46.50
DCF/ERA Filing Total:	7.00		\$1,202.50
Total Professional Fee	7.00		\$1,202.50

Expenses

2.8 DCF/ERA Filing

Osler, Cam
Dec 15-17 Vancouver

Airfare	\$469.00
Hotel	\$128.15
Taxi	\$11.42

Pollitt-Smith, Mona
Dec15-17 Vancouver

Airfare	\$469.00
Hotel	\$128.15

In-House

Photocopying	<u>\$6.50</u>
2.8 DCF/ERA Filing Total:	\$1,212.22

Total Expenses **\$1,212.22**

Taxes

	Taxable Amount	Tax %	Amount
GST (R 1025 054 84)	\$2,414.72	5.00 %	\$120.74
Invoice Amount			\$2,535.46

TIMESHEET BY PROJECT WITH COSTS

REPORTING PERIOD: From Sunday, December 01, 2013 to Tuesday, December 31, 2013

CLIENT: Yukon Energy Corporation

PROJECT: P306B YEC - GRA - 2013

PROJECT/COMPONENT	HOURS Billed	DESCRIPTION
P306B-2.8 - DCF/ERA Filing		
Chopra, Rajni		
Thursday, December 05, 2013	0.25	Provided accounting support.
Wednesday, December 18, 2013	0.25	Provided accounting support.
Thursday, December 19, 2013	0.25	Provided accounting support.
Employee Total	0.75	
Gray, Carla		
Wednesday, December 04, 2013	0.50	Provided accounting support.
Wednesday, December 18, 2013	0.25	Provided accounting support.
Employee Total	0.75	
Osler, Cam		
Tuesday, December 17, 2013	3.00	Reviewed with M. Pollitt-Smith status of DCF/ERA issues; met to review with E. Mollard and J. Landry; follow up to these discussions.
Wednesday, December 18, 2013	0.25	Reviewed M. Pollitt-Smith's notes from meeting re DCF/ERA; respond to E. Mollard's e-mail exchange.
Employee Total	3.25	
Pollitt-Smith, Mona		
Tuesday, December 17, 2013	2.00	Attended meeting to discuss DCF/ERA filing and followup.
Employee Total	2.00	
Verbeek, Linda		
Tuesday, December 31, 2013	0.25	Provided accounting support.
Employee Total	0.25	
Component Total	7.00	
Project Total	7.00	

Rajni Chopra

From: Amanda Davies
Sent: Thursday, December 12, 2013 4:39 PM
To: Cam Osler
Cc: Celeste Linton; c.osler@shaw.ca; Jolene Gordon; Roberta Connon; Rajni Chopra
Subject: Cam, Wpg-Van Dec 15-17 (P731.6A)
Attachments: AC Wpg-Van Dec 15-17 2013 Upgraded.pdf; Delta Dec 15-17 2013.pdf

Please see the below itinerary for the updated travel.

P731.6A

Air Canada

Booking Reference: MD5X7M

Ticket Number: 0142128684438

P 306 B (2.8) Airfare 4169.00
GST 23.45

Flight Details

From	To	Flight	Fare Class	Date	Depart	Arrive
Winnipeg (MB)	Vancouver (BC)	AC299	Latitude	Dec 15, 2013	20:10	21:28
Vancouver (BC)	Winnipeg (MB)	AC298	Latitude	Dec 17, 2013	18:55	23:39

Seat: 3D/2F eUpgraded

Cost: \$984.90

Method of Payment: Two Flight Credits

Flight Package Used: *Western Transborder* Reference

Accommodations

Hotel: The Delta Downtown

Location: 550 West Hastings Street, Vancouver

Phone: 604-689-8188

Spoke to: Coco

Date: December 15 & 16 (Two Nights)

Cost: \$115+ Taxes Per night

Confirmation # 32379117

Cancellation Policy: Must cancel 24 hours prior to 3pm on scheduled arrival day



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Accumulated Miles: 202,372

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Booking Details

Booking Details

Booking Reference M05X7M
Date Created Nov 26, 2013
Ticket Status Ticketed Electronically

Flight Details

From	To	Flight	Fare Class	Date	Depart	Arrive
Winnipeg (MB)	Vancouver (BC)	AC298	Business Class (lowest)	Dec 15, 2013	20:10	21:28
Vancouver (BC)	Winnipeg (MB)	AC298	Business Class (lowest)	Dec 17, 2013	18:55	23:39

Passenger Information

Passenger 1 CAMERON OSLER
Frequent Flyer Plan
Ticket Number 0142128684438
Meal Preference Regular
Special Needs None
Seat Selection AC299 3D
AC298 1F

Contact Information

Address 280 500 SMITH ST
WINNIPEG MB
R3C1K2 CA
Home Phone 12049420654
Business Phone 12049420654
Fax

Fare Quote Details

Western Transborder Latitude 2 Flight Credits
Taxes, fees, and surcharges Included

MY FLIGHT PASS



DELTA
VANCOUVER SUITES
 550 West Hastings Street
 Vancouver, British Columbia, V6B 1L6
 Tel: 604-689-8188 Fax: 604-605-8881

GOVT BC
 Mr Cameron Osler
 InterGroup Consultants
 500-280 Smith Street
 Winnipeg MB R3C 1K2
 Canada

Room: 1509
 Folio:
 Cashier: 73
 Arrival: 12-15-13
 Departure: 12-17-13
 Reference:

Date	Description	Additional Information	Charges	Credits
12-15-13	Room Charge		115.00	
12-15-13	Room DMF		1.50	
12-15-13	Room GST		5.82	
12-15-13	Room PST		11.65	
12-16-13	Room Charge		115.00	
12-16-13	Room DMF		1.50	
12-16-13	Room GST		5.82	
12-16-13	Room PST		11.65	
12-17-13	Visa			267.94

GST Summary		PST Summary		Total	267.94	267.94
Registration No: 896692290						
Room	11.64	Room	23.30	Balance Due	0.00	CDN
F&B	0.00	F&B	0.00			
Other	0.00	Other	0.00			
Total	11.64	Total	23.30			

P 306 2.8
 133.97
267.94

P 306 B (2.8) * 128.15
 GST 5.82

Guest Signature: _____

I agree that my liability for this bill is not waived and I agree to be held personally liable in the event that the indicated person, company, or association fails to pay for any part of or the full amount of these charges.

Buffy's Taxi (1996) Ltd. P306 -2.8

1100 Notre Dame Avenue

PHONE 925-0101

RECEIVED FROM: _____ \$12.00

FOR TRIP: from _____
to AIRPORT

DATE _____ CAR NO. 258

12-15-13 DRIVER _____
Please call again!

P306 B 8 11.42
(28)

98T 58

Rajni Chopra

From: Amanda Davies
Sent: Friday, December 13, 2013 9:34 AM
To: Mona Pollitt-Smith
Cc: Roberta Connon; Rajni Chopra; Jolene Gordon; Celeste Linton
Subject: Mona, Wpg-Van Dec 15-17 eUpgraded and Updated (P731.6A)

Please see the below itinerary for the updated travel.

P731.6A

Air Canada

Booking Reference: MEFFZ5

Ticket Number: 0142128684628

Flight Details

From	To	Flight	Fare Class	Date	Depart	Arrive
Winnipeg (MB)	Vancouver (BC)	AC299	Latitude	Dec 15, 2013	20:10	21:28
Vancouver (BC)	Winnipeg (MB)	AC298	Latitude	Dec 17, 2013	18:55	23:39

Seat: 3F/2F

Cost: \$984.90

Method of Payment: Two Flight Credits

Flight Package Used: *Western Transborder* Reference

Note:

Accommodations

Hotel: The Delta Downtown

Location: 550 West Hastings Street, Vancouver

Phone: 604-689-8188

Spoke to: Coco

Date: December 15 & 16 (Two Nights)

Cost: \$ 115+ Taxes Per night

Confirmation #32379094

Cancellation Policy: Must cancel 24 hours prior to 3pm on scheduled arrival day

Amanda Davies

Admin. Assistant

InterGroup Consultants

(204) 942-0654

adavies@InterGroup.ca



MR CAMERON OULCH
Aeroplane Mileage: 70,111
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Booking Details

Booking Details

Booking Reference: M11125
Date Created: Nov 26, 2011
Ticket Status: Ticketed Electronically

Flight Details

From	To	Flight	Fare Class	Date	Depart	Arrive
Winnipeg (MB)	Vancouver (BC)	AC 290	Business Class (Lowest)	Nov 15, 2011	20:10	21:20
Vancouver (BC)	Winnipeg (MB)	AC 290	Business Class (Lowest)	Dec 17, 2011	18:45	23:30

Passenger Information

Passenger 1: MONA POLLITTS-MITH
Frequent Flyer Plan:
Ticket Number: 01421700014270
Meal Preference: Regular
Special Needs: None
Seat Selection:

Contact Information

Address: 200 500 SMITH ST
WINNIPEG MB
R3C1K2 CA
Home Phone: 1204942054
Business Phone: 1204942054
Fax:

Fare Quote Details

Western Transportation Latitude 2 Flight Credits
Taxes, fees, and surcharges: Included

MY FLIGHT PASS



DELTA

VANCOUVER SUITES
 550 West Hastings Street
 Vancouver, British Columbia, V6B 1L6
 Tel: 604-689-8188 Fax: 604-605-8881

GOVT BC
 Ms Mona Pollitt-Smith

Room: 1901
 Folio: 198298
 Cashier: 105
 Arrival: 12-15-13
 Departure: 12-17-13
 Reference:

Date	Description	Additional Information	Charges	Credits
12-15-13	Room Charge		115.00	
12-15-13	Room DMF		1.50	
12-15-13	Room GST		5.82	
12-15-13	Room PST		11.65	
12-16-13	Room Charge		115.00	
12-16-13	Room DMF		1.50	
12-16-13	Room GST		5.82	
12-16-13	Room PST		11.65	
12-17-13	Visa			267.94

GST Summary		PST Summary		Total	267.94	267.94
Registration No: 896692290				Balance Due	0.00	CDN
Room	11.64	Room	23.30			
F&B	0.00	F&B	0.00			
Other	0.00	Other	0.00			
Total	11.64	Total	23.30			

Handwritten notes:
 1306-B (200)
 GST
 5.82

Guest Signature: _____

I agree that my liability for this bill is not waived and I agree to be held personally liable in the event that the indicated person, company, or association fails to pay for any part of or the full amount of these charges.

205

MAR - 5 2014



InterGroup

C O N S U L T A N T S

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E. Mall

^

Yukon Energy Corporation

P.O. Box 5920
Whitehorse, Yukon Y1A 6S7
Accounts Payable

INVOICE

No. P306B-23
January 31, 2014

12216.92

YEC - GRA - 2013
P306B
Contract No. SA13003 - PO# ~~4098~~ **TBD**
For Services Rendered Through January 31, 2014

Professional Fees

	Hours	Rate	Amount
DCF/ERA Filing			
Osler, Cam	32.00	240.00	\$7,680.00
Pollitt-Smith, Mona	21.00	135.00	\$2,835.00
Najmidinov, Hamid	12.50	96.00	\$1,200.00
Gordon, Jolene	4.00	76.00	\$304.00
Verbeek, Linda	.25	106.00	\$26.50
Admin/Clerical	.75	62.00	\$46.50
DCF/ERA Filing Total:	70.50		\$12,092.00
Total Professional Fee	70.50		\$12,092.00

Expenses

2.8 DCF/ERA Filing			
In-House			
	Photocopying		\$77.84
	2.8 DCF/ERA Filing Total:		\$77.84
Total Expenses			\$77.84

Taxes

	Taxable Amount	Tax %	Amount
GST (R 1025 054 84)	\$12,169.84	5.00 %	\$608.49
Invoice Amount			\$12,778.33

TIMESHEET BY PROJECT WITH COSTS

REPORTING PERIOD: From Wednesday, January 01, 2014 to Friday, January 31, 2014

CLIENT: Yukon Energy Corporation

PROJECT: P306B YEC - GRA - 2013

PROJECT/COMPONENT	HOURS Billed	DESCRIPTION
P306B-2.8 - DCF/ERA Filing		
Chopra, Rajni		
Thursday, January 02, 2014	0.25	Provided accounting support.
Thursday, January 09, 2014	0.50	Provided accounting support.
Employee Total	0.75	
Gordon, Jolene		
Wednesday, January 08, 2014	0.25	Provided accounting support.
Thursday, January 30, 2014	0.75	Provided administrative support.
Friday, January 31, 2014	3.00	Provided administrative support.
Employee Total	4.00	
Najmidinov, Hamid		
Thursday, January 09, 2014	5.25	Worked on ERA/DCF update, sales comparison, worked on diesel deferral account tables.
Friday, January 10, 2014	4.50	Worked on diesel deferral account tables, had a meeting with C.Osler and M.Pollitt-Smith.
Friday, January 17, 2014	0.50	Reviewed DCF balance, check with DCF calculation file. Checked 2013 actual diesel amount.
Friday, January 31, 2014	2.25	Cross-checked DCF/ERA/DDA filing document; prepared clean excel files.
Employee Total	12.50	
Osler, Cam		
Tuesday, January 07, 2014	2.00	Met with M. Pollitt-Smith to review approach for next draft to YECL for internal YEC review; reviewed files to start working on draft.
Wednesday, January 08, 2014	5.00	Worked on next draft of DCF/ERA submission to send YECL after YEC review.
Thursday, January 09, 2014	6.50	Worked on next draft of DCF/ERA submission to send to YECL after YEC review; had a call with E. Mollard and J. Landry.
Friday, January 10, 2014	5.00	Worked on next draft of DCF/ERA submission to send YECL after YEC review; developed Option B DDA and consistency with ERA tables; worked on preliminary 2013 DFC, ERA and DDA numbers.
Saturday, January 11, 2014	1.00	Worked on DCF/ERA submission (edited tables; reviewed approach for Appendix 3).
Sunday, January 12, 2014	5.50	Worked on DCF/ERA submission (edited Appendix 2 to update and integrate into one document; edited tables; drafted Appendix 3; drafted review of tables in submission; reviewed draft memo for D. Morrison).
Monday, January 13, 2014	0.75	Considered potential analysis of DCF operation with cap.
Tuesday, January 14, 2014	3.50	DCF/ERA documents: Had a call from E. Mollard re: D.Morrison review; made edits to draft documents to address outstanding issues and sent for review; sent e-mail to E. Mollard and J. Landry re: DCF
Friday, January 17, 2014	1.50	Had a call and email correspondence with E. Mollard and J. Landry to review DCF/ERA draft docs to send YECL; made edits to drafts to reflect discussion; finalized drafts to send to YECL.
Monday, January 27, 2014	0.50	Had a call with J. Landry and E. Mollard to update on E. Mollard's call with YECL and next steps to get DCF/ERA material filed this week.
Friday, January 31, 2014	0.75	Edits to DCF/ERA letter to YUB.
Employee Total	32.00	
Pollitt-Smith, Mona		
Tuesday, January 07, 2014	3.00	Drafted summary memo re potential approaches; had a discussion with C. Osler. Organized conference call to discuss.
Wednesday, January 08, 2014	3.50	Had a discussion re: approach to DCF/ERA with C Osler; wrote up document.

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Thursday, January 09, 2014	3.00	Reviewed and edited document. Had a call with E. Mollard and J. Landry.
Friday, January 10, 2014	0.50	Met with C. Osler to review approach.
Sunday, January 12, 2014	3.50	Drafted memo for D. Morrision summarizing filing; reviewed and edited filing.
Monday, January 13, 2014	1.50	Reviewed and edited filing; compiled and sent to E. Mollard for review.
Friday, January 17, 2014	1.00	Had a call to review draft filing with E. Mollard and J. Landry; reviewed and sent document to E. Mollard to send to YECL for review.
Friday, January 24, 2014	0.50	Had an update call with E. Mollard; updated C. Osler.
Monday, January 27, 2014	0.50	Attended conference call re: filing process.
Tuesday, January 28, 2014	1.00	Drafted cover letter for filing.
Friday, January 31, 2014	3.00	Finalized & filed DCF/ERA filing.
Employee Total		21.00

Verbeek, Linda

Tuesday, January 14, 2014	0.25	Provided accounting support.
Employee Total		0.25
Component Total		70.50
Project Total		70.50

285



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[Signature]
#8571

APR 30 2014

Yukon Energy Corporation

P.O. Box 5920
Whitehorse, Yukon Y1A 6S7
Accounts Payable

INVOICE

No. P306B-24
February 28, 2014

YEC - GRA - 2014
P306B
Contract No. SA14002 - PO#12216 *revised*
For Services Rendered Through February 28, 2014

Professional Fees

	Hours	Rate	Amount
DCF/ERA Filing			
Pollitt-Smith, Mona	.50	135.00	\$67.50
Verbeek, Linda	.25	106.00	\$26.50
Admin/Clerical	.50	62.00	\$31.00
DCF/ERA Filing Total:	1.25		\$125.00
Total Professional Fee	1.25		\$125.00

Expenses

2.8 DCF/ERA Filing			
In-House			
Photocopying		<u>\$122.30</u>	
2.8 DCF/ERA Filing Total:		\$122.30	
Total Expenses			\$122.30

Taxes

	Taxable Amount	Tax %	Amount
GST (R 1025 054 84)	\$247.30	5.00 %	\$12.37
Invoice Amount			\$259.67

Payment is due within 30 days of invoice date.
Please quote Invoice No. on payment. Thank you.

TIMESHEET BY PROJECT WITH COSTS

REPORTING PERIOD: From Saturday, February 01, 2014 to Friday, February 28, 2014

CLIENT: Yukon Energy Corporation

PROJECT: P306B YEC - GRA - 2014

PROJECT/COMPONENT	HOURS Billed	DESCRIPTION
P306B-2.8 - DCF/ERA Filing		
Chopra, Rajni		
Thursday, February 06, 2014	0.50	Provided accounting support.
Employee Total	0.50	
Pollitt-Smith, Mona		
Monday, February 03, 2014	0.50	Reviewed Excel sheets and sent to E Mollard for filing. Follow-up re YECL materials.
Employee Total	0.50	
Verbeek, Linda		
Wednesday, February 12, 2014	0.25	Provided accounting support.
Employee Total	0.25	
Component Total	1.25	
Project Total	1.25	

285

JUN 19 2014

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E. Hald



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Yukon Energy Corporation

P.O. Box 5920
Whitehorse, Yukon Y1A 6S7
Accounts Payable

INVOICE

No. P306B-25
April 30, 2014

YEC - GRA

P306B

Contract No. SA14002 - PO#12216

For Services Rendered Through April 30, 2014

revised

DCF/ERA

Professional Fees

	Hours	Rate	Amount
DCF/ERA Filing			
Osler, Cam	1.00	240.00	\$240.00
Pollitt-Smith, Mona	.25	135.00	\$33.75
Gordon, Jolene	.25	76.00	\$19.00
Verbeek, Linda	.25	106.00	\$26.50
Admin/Clerical	.50	62.00	\$31.00
DCF/ERA Filing Total:	2.25		\$350.25
Total Professional Fee	2.25		\$350.25

Taxes

	Taxable Amount	Tax %	Amount
GST (R 1025 054 84)	\$350.25	5.00 %	\$17.51
Invoice Amount			\$367.76

Payment is due within 30 days of invoice date.
Please quote Invoice No. on payment. Thank you.

TIMESHEET BY PROJECT WITH COSTS

REPORTING PERIOD: From Saturday, March 01, 2014 to Wednesday, April 30, 2014

CLIENT: Yukon Energy Corporation

PROJECT: P306B YEC - GRA

PROJECT/COMPONENT	HOURS Billed	DESCRIPTION
P306B-2.8 - DCF/ERA Filing		
Chopra, Rajni		
Tuesday, March 04, 2014	0.25	Provided accounting support.
Thursday, April 03, 2014	0.25	Provided accounting support.
Employee Total	0.50	
Gordon, Jolene		
Thursday, March 06, 2014	0.25	Provided accounting support.
Employee Total	0.25	
Osler, Cam		
Sunday, April 27, 2014	1.00	Review of YECL DCF/ERA submission after receipt of Board Order on this hearing process, and sent email to Ed re: issues.
Employee Total	1.00	
Pollitt-Smith, Mona		
Friday, April 04, 2014	0.25	Review of edited DCF letter and sent to Ed.
Employee Total	0.25	
Verbeek, Linda		
Thursday, March 06, 2014	0.25	Provided accounting support.
Employee Total	0.25	
Component Total	2.25	
Project Total	2.25	



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K to Pay

Ed Mellor

Yukon Energy Corporation

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Whitehorse, Yukon Y1A 6S7
Accounts Payable

INVOICE

No. P306B-26
June 30, 2014

DCF

YEC - GRA
P306B
Contract No. SA14002 - PO#12216 = \$ 11,748.50
For Services Rendered Through June 30, 2014

Professional Fees

	Hours	Rate	Amount
DCF/ERA Filing			
Osler, Cam	22.00	240.00	\$5,280.00
McLaren, Andrew	1.00	170.00	\$170.00
Pollitt-Smith, Mona	39.25	135.00	\$5,298.75
Najmidinov, Hamid	7.25	96.00	\$696.00
Gordon, Jolene	.75	76.00	\$57.00
Admin/Clerical	2.25	62.00	\$139.50
DCF/ERA Filing Total:	72.50		\$11,641.25
Total Professional Fee	72.50		\$11,641.25

Expenses

2.8 DCF/ERA Filing
In-House

Photocopying \$107.25
2.8 DCF/ERA Filing Total: \$107.25

Total Expenses \$107.25

Project P306B YEC - GRA

Taxes

	Taxable Amount	Tax %	Amount
GST (R 1025 054 84)	\$11,748.50	5.00 %	\$587.43
Invoice Amount			\$12,335.93

Payment is due within 30 days of invoice date.
Please quote Invoice No. on payment. Thank you.

TIMESHEET BY PROJECT WITH COSTS

REPORTING PERIOD: From Thursday, May 01, 2014 to Monday, June 30, 2014

CLIENT: Yukon Energy Corporation

PROJECT: P306B YEC - GRA

PROJECT/COMPONENT	HOURS Billed	DESCRIPTION
P306B-2.8 - DCF/ERA Filing		
Chopra, Rajni		
Tuesday, May 06, 2014	0.25	Provided accounting support.
Monday, June 02, 2014	0.25	Provided accounting support.
Employee Total	0.50	
Gordon, Jolene		
Thursday, May 01, 2014	0.25	Cross-checked and distributed invoice to client.
Monday, June 30, 2014	0.50	Fixed headers and footers in attachments of DCF filing.
Employee Total	0.75	
Klat, Karen		
Monday, May 05, 2014	0.25	Exported timesheet from InFocus, proof read and once reviewed, PDF'd the timesheet.
Monday, June 30, 2014	1.50	Proof read and applied edits to a cover letter and two attachments for P306 DCF & ERA Supplemental Filing.
Employee Total	1.75	
McLaren, Andrew		
Monday, June 30, 2014	1.00	Reviewed and edited sections of submission related to operation of NWT stabilization funds.
Employee Total	1.00	
Najmidinov, Hamid		
Friday, June 27, 2014	4.25	Provided support in DCF/ERA supplementary filing, comparison of YEC and YECL's proposals, checked NWT Rider I.
Monday, June 30, 2014	3.00	Provided support in DCF/ERA supplementary filing, review draft documents.
Employee Total	7.25	
Osler, Cam		
Thursday, May 15, 2014	0.50	Call with Ed & Landry to discuss process issues.
Tuesday, May 20, 2014	0.25	Review/edit notes & questions re: DCF/ERA process.
Wednesday, May 21, 2014	0.50	Reviewed & edited draft letter to YUB on process issues for DCF/ERA proceeding.
Thursday, May 22, 2014	0.50	Call with E. Mollard & J. Landry to discuss & finalize approach to dealing with process issues.
Wednesday, May 28, 2014	0.25	Emails with J. Landry on process issues.
Monday, June 02, 2014	0.25	Discuss issues and options with M. Pollitt-Smith re process.
Wednesday, June 04, 2014	1.50	Review process issues with M. Pollitt-Smith, and send email to E. Mollard and J. Landry prior to call tomorrow to discuss.
Thursday, June 05, 2014	1.25	Call with J. Landry to discuss approach; call with E. Mollard and J. Landry to discuss; review draft letter and provide edits.
Friday, June 06, 2014	0.25	Review & e-mails re draft letter on process.
Monday, June 23, 2014	2.50	Review DCF/ERA YECL submission to assess potential supplementary evidence, & provide notes.
Tuesday, June 24, 2014	1.00	Call with E. Mollard & J. Landry, follow up with M. Pollitt-Smith, re: supplementary evidence.
Saturday, June 28, 2014	7.00	Supplementary evidence (analysis and drafting, review, edits).
Sunday, June 29, 2014	2.50	Supplementary evidence (analysis and drafting, review, edits).
Monday, June 30, 2014	3.75	Supplementary filing re: comments on YECL submission (review edits after J. Landry review; deal with other various edit issues; develop with H. Najmidinov Appendix 1-B; finalize document for filing today).
Employee Total	22.00	

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Pollitt-Smith, Mona

Wednesday, May 07, 2014	0.25	Call with E. Mollard re process; follow up with C. Osler.
Thursday, May 15, 2014	0.50	Call re DCF/ERA issues.
Friday, May 16, 2014	0.50	Draft notes re process issues.
Tuesday, May 20, 2014	0.50	Review and send notes to E. Mollard and J. Landry re: process issues; Brief call with E Mollard next steps.
Wednesday, May 21, 2014	1.00	Draft letter re DCF/ ERA process & send for review.
Thursday, May 22, 2014	0.50	Edits to draft letter; conference call with E. Mollard & J Landry re: process issues.
Monday, June 02, 2014	1.00	Discuss DCF process issues & next steps with C. Osler. Review YECL Application.
Tuesday, June 03, 2014	0.50	Review and summarize requested approvals for C. Osler.
Wednesday, June 04, 2014	2.50	Discussion with E Mollard; discussion with C. Osler re: approach/ issues; prep for call on Thursday.
Thursday, June 05, 2014	2.00	Call with J. Landry; call with J. Landry and E. Mollard; draft letter
Friday, June 06, 2014	0.50	Review edits to letter and send for review.
Monday, June 09, 2014	0.50	Edits to DCF letter and send to J. Landry; email to E. Mollard.
Tuesday, June 10, 2014	0.50	Discussion with E Mollard; email to C Osler.
Thursday, June 19, 2014	1.00	Review YECL Application and requirements for supplementary filing.
Sunday, June 22, 2014	2.00	Review DCF/ERA filings and develop notes for outline of supplementary filing.
Tuesday, June 24, 2014	3.00	Review C Osler notes and draft summary email to E. Mollard and J. Landry re outline; conference call to review outline and start drafting.
Wednesday, June 25, 2014	2.00	Draft evidence.
Thursday, June 26, 2014	3.00	Draft evidence.
Friday, June 27, 2014	6.00	Draft evidence.
Saturday, June 28, 2014	5.00	Draft supplementary filing.
Sunday, June 29, 2014	2.00	Review and edit supplementary filing.
Monday, June 30, 2014	4.50	Edits and finalization of supplemental evidence.
Employee Total	39.25	
Component Total	72.50	
Project Total	72.50	

285

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E. Mallett

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Yukon Energy Corporation

P.O. Box 5920
Whitehorse, Yukon Y1A 6S7
Accounts Payable

OCT 21 2014

INVOICE

No. P306B-27
July 31, 2014

YEC - GRA
P306B
Contract No. SA14002 - PO#12216 *reid cap*
For Services Rendered Through July 31, 2014
DCF ERA Reg Pers Svs - 1120.75

Professional Fees

	Hours	Rate	Amount
DCF/ERA Filing			
Osler, Cam	13.00	240.00	\$3,120.00
Connon, Roberta	.25	150.00	\$37.50
Pollitt-Smith, Mona	13.25	135.00	\$1,788.75
Najmidinov, Hamid	12.75	96.00	\$1,224.00
Gordon, Jolene	2.25	76.00	\$171.00
Admin/Clerical	12.25	62.00	\$759.50
DCF/ERA Filing Total:	53.75		\$7,100.75
Total Professional Fee	53.75		\$7,100.75

Expenses

2.8 DCF/ERA Filing			
In-House			
	Photocopying		<u>\$20.00</u>
	2.8 DCF/ERA Filing Total:		\$20.00
Total Expenses			\$20.00

Taxes

	Taxable Amount	Tax %	Amount
GST (R 1025 054 84)	\$7,120.75	5.00 %	\$356.04
Invoice Amount			\$7,476.79

TIMESHEET BY PROJECT WITH COSTS

REPORTING PERIOD: From Tuesday, July 01, 2014 to Thursday, July 31, 2014

CLIENT: Yukon Energy Corporation

PROJECT: P306B YEC - GRA

PROJECT/COMPONENT	HOURS Billed	DESCRIPTION
P306B-2.8 - DCF/ERA Filing		
Chopra, Rajni		
Friday, July 04, 2014	0.25	Provided accounting support.
Employee Total	0.25	
Connon, Roberta		
Friday, July 04, 2014	0.25	Provided accounting support.
Employee Total	0.25	
Gordon, Jolene		
Friday, July 04, 2014	0.25	Provided accounting support.
Tuesday, July 29, 2014	1.25	Cross-checked IRs and IR tracker i.e. AEY and YUB.
Wednesday, July 30, 2014	0.75	Put some YUB IRs into templates.
Employee Total	2.25	
Klat, Karen		
Monday, July 28, 2014	2.00	Twenty IR's were formatted and placed in our template, then transferred this information into the tracker.
Tuesday, July 29, 2014	6.00	Transferred and applied formatting to two batches of IR's.
Wednesday, July 30, 2014	4.00	Continued working on the YUB-YEC 31 IR's, copied questions into our template, applied formatting and transferred information into the tracker.
Employee Total	12.00	
Najmidinov, Hamid		
Thursday, July 17, 2014	2.75	Draft IRs to YECL.
Wednesday, July 30, 2014	2.50	Review of IRs.
Thursday, July 31, 2014	7.50	Had a meeting with C. Osler and M. Pollitt-Smith. Worked on IR responses.
Employee Total	12.75	
Osler, Cam		
Tuesday, July 22, 2014	2.50	DCF/ERA IRs drafting (review & edit H. Najmidinov draft).
Wednesday, July 23, 2014	0.25	Review with Mona comments from J. Landry & consider options to edit DCF/ERA IRs.
Thursday, July 24, 2014	0.25	Review latest edits to IRs.
Friday, July 25, 2014	0.25	Final edits/issue review for this week re IRs.
Monday, July 28, 2014	0.25	Final review of DCF IRs to be sent to YECL
Tuesday, July 29, 2014	1.50	Initial review of IRs received.
Wednesday, July 30, 2014	4.50	Review of IRs submitted; meet with M. Pollitt-Smith to review; call with E. Mollard and YEC team to review & discuss approach and allocations for drafting.
Thursday, July 31, 2014	3.50	Work on drafting IRs (includes meeting to review w H. Najmidinov & M. Pollitt-Smith).
Employee Total	13.00	
Pollitt-Smith, Mona		
Wednesday, July 23, 2014	1.00	Review draft IRs and send to E. Mollard for review. Discussion with E. Mollard; review and respond to email from J. Landry re: draft IRs.
Thursday, July 24, 2014	0.50	Review and edit IRs.
Friday, July 25, 2014	0.75	Edits to IRs & discussion with E. Mollard; review emails.
Monday, July 28, 2014	1.00	Review and finalize IRs; send IRs to J. Gordon to put into templates/trackers.

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Tuesday, July 29, 2014	2.00	Review and discuss IRs with C. Osler.
Wednesday, July 30, 2014	3.00	Conference call to review and allocate IRs; assign IRs and complete tracker; discussion with C. Osler re: IR approach.
Thursday, July 31, 2014	5.00	Review and allocate IRs internally; update tracker; emails to E. Mollard and D. MacMillan. Draft IRs.
Employee Total	13.25	
Component Total	53.75	
Project Total	53.75	



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fax: (204) 943-3922
email: intergroup@intergroup.ca

285

OK to Pay

Z. M. [Signature]

0667

Yukon Energy Corporation

P.O. Box 5920
Whitehorse, Yukon Y1A 6S7
Accounts Payable

OCT 21 2014

INVOICE

No. P306B-28
August 31, 2014

YEC - GRA

P306B

Contract No. SA14002 - PO#12216

For Services Rendered Through August 31, 2014

Reg Cons Svs 40570.80 cap

Professional Fees

	Hours	Rate	Amount
DCF/ERA Filing			
Osler, Cam	91.25	240.00	\$21,900.00
Connon, Roberta	4.25	150.00	\$637.50
Pollitt-Smith, Mona	69.50	135.00	\$9,382.50
Najmidinov, Hamid	43.75	96.00	\$4,200.00
Senyk, Heather	4.00	96.00	\$384.00
Zhang, Shuo	4.50	86.00	\$387.00
Gordon, Jolene	10.50	76.00	\$798.00
Admin/Clerical	42.75	62.00	\$2,650.50
DCF/ERA Filing Total:	270.50		\$40,339.50
Total Professional Fee	270.50		\$40,339.50

Expenses

2.8 DCF/ERA Filing

In-House

Photocopying \$231.30
2.8 DCF/ERA Filing Total: \$231.30

Total Expenses

\$231.30

Project P306B YEC - GRA

Taxes

	Taxable Amount	Tax %	Amount
GST (R 1025 054 84)	\$40,570.80	5.00 %	\$2,028.54
Invoice Amount			\$42,599.34

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TIMESHEET BY PROJECT WITH COSTS

REPORTING PERIOD: From Friday, August 01, 2014 to Sunday, August 31, 2014

CLIENT: Yukon Energy Corporation

PROJECT: P306B YEC - GRA

PROJECT/COMPONENT	HOURS Billed	DESCRIPTION
P306B-2.8 - DCF/ERA Filing		
Chopra, Rajni		
Thursday, August 07, 2014	0.25	Provided accounting support.
Employee Total		0.25
Connon, Roberta		
Thursday, August 07, 2014	0.25	Provided accounting support.
Monday, August 18, 2014	1.50	Reviewing IRs
Tuesday, August 19, 2014	2.00	Reviewing IRs.
Wednesday, August 20, 2014	0.50	Reviewing IRs.
Employee Total		4.25
Gordon, Jolene		
Thursday, August 07, 2014	0.75	Cross-check the IR tracker; put headers and footers on IR appendices and attachments.
Friday, August 08, 2014	3.25	Cross-checked YUB IRs. Made edits to YUB Word docs and pdf'd for draft package.
Monday, August 11, 2014	1.75	Cross-checked IR questions; updated parts of the tracker and helped compile AEY IRs.
Wednesday, August 13, 2014	0.50	Worked on attachment for Mona.
Thursday, August 14, 2014	0.50	Revised attachment footers.
Monday, August 25, 2014	3.75	Reviewed final IR package; cross-checked attachments, blank pages and bookmarks.
Employee Total		10.50
Klat, Karen		
Thursday, August 07, 2014	5.50	Continued formatting IRs for YUB, UCG and AEY and updating the tracker with those that were completed.
Friday, August 08, 2014	6.00	Continued formatting IRs for YUB, UCG and AEY and updating the tracker with those that were completed.
Monday, August 11, 2014	4.50	Completed the combined PDF package of YUB, AEY and UCG IRs.
Thursday, August 14, 2014	1.00	Formatted and PDF'd IR's for YUB, AEY and UCG in preparation for review by the client.
Friday, August 15, 2014	2.00	Formatted and PDF'd IR's for YUB, AEY and UCG in preparation to issue as final to the client.
Monday, August 18, 2014	7.50	Continued working on AEY, UCG and YUB IR packages, applying changes, formatting and pdfing.
Tuesday, August 19, 2014	7.00	Continued working on AEY, UCG and YUB IR packages, applying changes, formatting and pdfing.
Wednesday, August 20, 2014	8.25	Continued working on AEY, UCG and YUB IR packages, applying changes, formatting and pdfing then consolidating all packages into one pdf file and applying links for IRs within the document.
Thursday, August 21, 2014	0.25	Made one correction for the purpose of linking the IR within the consolidated IR package.
Monday, August 25, 2014	0.50	Printed on hard copy of the DCF & ERA IRs as well as one copy of the YECL IRs for C. Osler. Corrected spelling error on the title page for the DCF & ERA IR package.
Employee Total		42.50
Najmidinov, Hamid		
Friday, August 01, 2014	7.50	Worked on IR related tasks and IR drafts.
Monday, August 04, 2014	2.25	Worked on DCF/ERA IRs.
Tuesday, August 05, 2014	4.25	Worked on DCF/ERA IRs.
Wednesday, August 06, 2014	7.75	Worked on DCF/ERA IRs.

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Thursday, August 07, 2014	6.75	Worked on DCF/ERA IRs.
Friday, August 08, 2014	1.75	Worked on DCF/ERA IRs.
Monday, August 11, 2014	4.25	Worked on DCF/ERA IRs.
Tuesday, August 12, 2014	0.75	Worked on DCF/ERA IRs.
Wednesday, August 13, 2014	0.25	Worked on DCF/ERA IRs.
Thursday, August 14, 2014	0.50	Worked on DCF/ERA IRs.
Sunday, August 17, 2014	2.75	Reviewed IR responses, cross-checks.
Monday, August 18, 2014	3.50	Worked on DCF/ERA IR responses review.
Wednesday, August 20, 2014	0.75	Worked on DCF/ERA IR responses review.
Monday, August 25, 2014	0.75	Reviewed/cross-checked excel files in consolidated package.
Employee Total		43.75

Osler, Cam

Friday, August 01, 2014	7.50	Worked on drafting IRs; call with KGS (Dave MacMillan and Fuad Curi) to discuss IRs re YECSIM.
Sunday, August 03, 2014	3.50	Worked on drafting IRs.
Monday, August 04, 2014	7.50	Worked on drafting of IR responses.
Tuesday, August 05, 2014	9.00	Drafting of IR responses.
Wednesday, August 06, 2014	7.00	Drafting of IR responses.
Thursday, August 07, 2014	8.25	Worked on drafting IRs.
Friday, August 08, 2014	7.00	Worked on drafting IRs.
Saturday, August 09, 2014	7.00	Worked on drafting IRs.
Sunday, August 10, 2014	5.00	Worked on drafting IRs.
Monday, August 11, 2014	4.25	Worked on drafting IRs and review of same; meeting w H. Najmidinov and M. Pollitt-Smith to discuss issues.
Tuesday, August 12, 2014	3.50	Drafting and review of IRs.
Wednesday, August 13, 2014	2.50	Reviewed and drafting of IRs remaining.
Thursday, August 14, 2014	0.75	Worked on IR reviews.
Friday, August 15, 2014	4.50	Reviewed and edit IRs (include review comments from YEC).
Saturday, August 16, 2014	5.00	Reviewed and edited of IR drafts.
Sunday, August 17, 2014	5.50	Reviewed and edited of IR drafts.
Tuesday, August 19, 2014	0.50	Final IR reviews; edited cover letter.
Tuesday, August 26, 2014	3.00	Reviewed and e-mailed comments re: AEY responses to YUB and YEC.
Employee Total		91.25

Pollitt-Smith, Mona

Friday, August 01, 2014	7.00	Review prior board orders and history; draft IRs. Call with KGS re: YECSIM questions.
Sunday, August 03, 2014	5.00	Draft IRs; review prior board orders and history.
Monday, August 04, 2014	5.00	Draft IRs; review history and board orders.
Tuesday, August 05, 2014	6.50	Draft IRs.
Wednesday, August 06, 2014	7.00	Draft IRs.
Thursday, August 07, 2014	5.00	Reviewed and drafted IRs.
Friday, August 08, 2014	4.00	Reviewed and drafted IRs.
Saturday, August 09, 2014	4.50	Reviewed YUB IR package; drafted AEY and UCG responses.
Sunday, August 10, 2014	2.50	Reviewed and edited IRs.
Monday, August 11, 2014	3.00	Reviewed emails and discussion re: IRs; draft UCG-2 appendix
Tuesday, August 12, 2014	2.00	Reviewed and edited IRs; reviewed ERA calculations
Wednesday, August 13, 2014	1.00	Edits to IRs.
Thursday, August 14, 2014	1.00	Sent out revised IRs for review; review comments/edits.
Friday, August 15, 2014	4.00	Review and finalize IRs.

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Sunday, August 17, 2014	5.00	Review and finalize IRs.
Monday, August 18, 2014	4.00	Reviewed and finalized IRs; discussion with J. Landry re: edits; emails to C Osler re: edits; emails to team re: edits.
Tuesday, August 19, 2014	2.00	Reviewed, finalized and filed IRs.
Monday, August 25, 2014	0.50	Finalized and sent consolidation to E Mollard.
Tuesday, August 26, 2014	0.50	Review IRs and email to E. Mollard and J. Landry.

Employee Total	69.50	
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Senyk, Heather

Monday, August 18, 2014	0.50	Undertaking Quality Assurance check.
Tuesday, August 19, 2014	3.50	Undertaking Quality Assurance Cross-Check.

Employee Total	4.00	
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Zhang, Shuo

Monday, August 18, 2014	4.50	Quality assurance review of DCF/ERA IRs.
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Employee Total	4.50	
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Component Total	270.50	
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Project Total	270.50	
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285

OK to Pay

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Yukon Energy Corporation

P.O. Box 5920
Whitehorse, Yukon Y1A 6S7
Accounts Payable

OCT 21 2014

INVOICE

No. P306B-29
September 30, 2014

YEC - GRA
P306B
Contract No. SA14002 - PO#12216 *reid*
For Services Rendered Through September 30, 2014 *cap*
DCF ERA Reg Corp Svs - 10893.12

Professional Fees

	Hours	Rate	Amount
DCF/ERA Filing			
Osler, Cam	20.25	240.00	\$4,860.00
Connon, Roberta	.50	150.00	\$75.00
Pollitt-Smith, Mona	25.25	135.00	\$3,408.75
Davies, Melissa	17.00	93.00	\$1,581.00
Zhang, Shuo	5.50	86.00	\$473.00
Gordon, Jolene	.25	76.00	\$19.00
Admin/Clerical	.25	62.00	\$15.50
DCF/ERA Filing Total:	69.00		\$10,432.25
Total Professional Fee	69.00		\$10,432.25

Expenses

2.8 DCF/ERA Filing		
In-House		
Photocopying		<u>\$460.87</u>
2.8 DCF/ERA Filing Total:		\$460.87
Total Expenses		\$460.87

Project P306B YEC - GRA

Taxes

	Taxable Amount	Tax %	Amount
GST (R 1025 054 84)	\$10,893.12	5.00 %	\$544.66
Invoice Amount			\$11,437.78

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Payment is due within 30 days of invoice date.
Please quote Invoice No. on payment. Thank you.

TIMESHEET BY PROJECT WITH COSTS

REPORTING PERIOD: From Monday, September 01, 2014 to Tuesday, September 30, 2014

CLIENT: Yukon Energy Corporation

PROJECT: P306B YEC - GRA

PROJECT/COMPONENT	HOURS Billed	DESCRIPTION
P306B-2.8 - DCF/ERA Filing		
Chopra, Rajni		
Tuesday, September 09, 2014	0.25	Provided accounting support.
Employee Total	0.25	
Cannon, Roberta		
Wednesday, September 03, 2014	0.25	Provided accounting support.
Thursday, September 04, 2014	0.25	Provided accounting support.
Employee Total	0.50	
Davies, Melissa		
Monday, September 08, 2014	2.25	Reviewed UCG evidence and summarized key points of board orders across multiple jurisdictions relating to stabilization funds.
Thursday, September 11, 2014	3.50	Reviewed UCG evidence and summarized key points of board orders across multiple jurisdictions relating to stabilization funds.
Monday, September 22, 2014	2.75	Worked on rate stab fund jurisdictional comparison for BC and Quebec.
Tuesday, September 23, 2014	3.00	Worked on rate stab fund jurisdictional comparison for BC and Quebec.
Friday, September 26, 2014	2.00	Review of filings for stepped rates to wholesales re: ERA comparison.
Monday, September 29, 2014	1.00	Worked on ERA argument - jurisdictional comparison of block rates for wholesale customers.
Tuesday, September 30, 2014	2.50	Worked on ERA argument - jurisdictional comparison of block rates for wholesale customers.
Employee Total	17.00	
Gordon, Jolene		
Thursday, September 11, 2014	0.25	Distributed monthly invoice.
Employee Total	0.25	
Osler, Cam		
Wednesday, September 03, 2014	1.50	Meeting with Mr. Landry, E. Mollard and M. Pollitt-Smith re: IR responses from AEY and issues going forward to argument.
Thursday, September 04, 2014	0.50	Initial e-mails re: UCG filed evidence received today.
Friday, September 05, 2014	0.50	Quick review of UCG letter, evidence and e-mail comment to J. Landry and E. Mollard.
Wednesday, September 10, 2014	0.25	Reviewed and commented on M. Pollitt-Smith's notes re: UCG request for more information.
Thursday, September 18, 2014	2.50	Began review of issues for argument and rebuttal; initial discussion with M. Pollitt-Smith.
Tuesday, September 23, 2014	1.00	Work with M. Pollitt-Smith on review of issues for rebuttal consideration.
Wednesday, September 24, 2014	2.50	Review of UCG filings and related issues.
Thursday, September 25, 2014	4.00	Work on review of DCF/ERA issues for argument and rebuttal; ongoing review with M. Pollitt-Smith.
Sunday, September 28, 2014	3.50	Worked on review of DCF/ERA issues for argument and rebuttal; ongoing review with M. Pollitt-Smith.
Monday, September 29, 2014	1.50	Worked on outline of draft argument.
Tuesday, September 30, 2014	2.50	Completed draft outline of argument.
Employee Total	20.25	
Pollitt-Smith, Mona		
Monday, September 01, 2014	1.50	IR correction; track down DCF cap info for E. Mollard.
Wednesday, September 03, 2014	1.50	Meeting with J. Landry and E. Mollard to review IR responses and argument.

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Thursday, September 04, 2014	3.00	Review IRs; review and assess issues re: UCG evidence; discuss assignment with M. Davies; email to C. Osler; discussion with E. Mollard and J. Landry re: UCG evidence.
Friday, September 05, 2014	0.50	Review intervenor evidence issues and NWT information re: latest application and send to C. Osler and others.
Monday, September 08, 2014	0.50	Reviewed email re: information request and provide comments to E. Mollard.
Tuesday, September 09, 2014	0.25	Reviewed summary note re: UCG evidence.
Friday, September 12, 2014	0.50	Reviewed summary of UCG evidence.
Wednesday, September 17, 2014	1.00	Review YECL IR responses.
Thursday, September 18, 2014	2.00	Discussed and outlined issues for argument with C. Osler; review YECL IR responses.
Friday, September 19, 2014	1.50	Worked on outline of argument issues.
Sunday, September 21, 2014	4.50	Reviewed UCG filing and notes; reviewed YECL IRs and outline issues for argument and potential rebuttal.
Monday, September 22, 2014	2.50	Outline of issues for argument.
Wednesday, September 24, 2014	2.00	Worked on outline of rebuttal and argument.
Thursday, September 25, 2014	2.00	Discussion with C. Osler re: rebuttal and argument issues.
Saturday, September 27, 2014	1.00	Worked on rebuttal evidence.
Sunday, September 28, 2014	1.00	Respond to email from E Mollard. Worked on rebuttal/argument.

Employee Total	25.25	
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Zhang, Shuo

Thursday, September 04, 2014	3.50	Worked on Utility Consumers Group Evidence review.
Wednesday, September 10, 2014	2.00	Worked on Utility Consumers Group Evidence review.

Employee Total	5.50	
Component Total	69.00	
Project Total	69.00	

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InterGroup

CONSULTANTS

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Yukon Energy Corporation

P.O. Box 5920
Whitehorse, Yukon Y1A 6S7
Accounts Payable

NOV 20 2014

INVOICE

No. P306B-30
October 31, 2014

<p>YEC - GRA P306B</p> <p>Contract No. SA14002 - PO#12216</p> <p>For Services Rendered Through October 31, 2014</p>	<p><i>red</i></p> <p><i>23524.75</i></p>
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Professional Fees

	Hours	Rate	Amount
DCF/ERA Filing			
Osler, Cam	62.50	240.00	\$15,000.00
Bowman, Patrick	1.00	195.00	\$195.00
McLaren, Andrew	5.50	180.00	\$990.00
Connon, Roberta	.25	155.00	\$38.75
Pollitt-Smith, Mona	46.75	143.00	\$6,685.25
Najmidinov, Hamid	1.25	99.00	\$123.75
Gordon, Jolene	1.50	80.00	\$120.00
Admin/Clerical	3.75	64.00	\$240.00
DCF/ERA Filing Total:	122.50		\$23,392.75
Total Professional Fee	122.50		\$23,392.75

Expenses

2.8 DCF/ERA Filing			
In-House			
	Photocopying	<u>\$132.00</u>	
	2.8 DCF/ERA Filing Total:	\$132.00	
Total Expenses			\$132.00

Project P306B YEC - GRA

Taxes

	Taxable Amount	Tax %	Amount
GST (R 1025 054 84)	\$23,524.75	5.00 %	\$1,176.24
Invoice Amount			\$24,700.99

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TIMESHEET BY PROJECT WITH COSTS

REPORTING PERIOD: From Wednesday, October 01, 2014 to Friday, October 31, 2014

CLIENT: Yukon Energy Corporation

PROJECT: P306B YEC - GRA

PROJECT/COMPONENT	HOURS Billed	DESCRIPTION
P306B-2.8 - DCF/ERA Filing		
Bowman, Patrick		
Tuesday, October 14, 2014	1.00	Reviewed DCF/ERA submission.
Employee Total	1.00	
Chopra, Rajni		
Tuesday, October 07, 2014	0.25	Provided financial support.
Employee Total	0.25	
Cannon, Roberta		
Monday, October 06, 2014	0.25	Provided financial support.
Employee Total	0.25	
Gordon, Jolene		
Wednesday, October 08, 2014	0.25	Cross-checked and distributed the monthly invoice.
Wednesday, October 29, 2014	1.25	Reviewed and made some edits to the final argument for M. Pollitt-Smith.
Employee Total	1.50	
Klat, Karen		
Wednesday, October 15, 2014	0.50	Formatted, proof read and applied edits to the Rebuttal re: UCG evidence FINAL document for M. Pollitt-Smith.
Wednesday, October 29, 2014	3.00	Proof read, spell checked, formatted, applied edits, and once reviewed pdf'd and added book marks to the Final Argument - Draft document for M. Pollitt-Smith.
Employee Total	3.50	
McLaren, Andrew		
Monday, October 06, 2014	2.00	Participated in meeting with C. Osler and M. Pollitt-Smith. Provided notes on operating characteristics of NTPC stabilization funds.
Wednesday, October 08, 2014	1.50	Review and provide comments on DCF rebuttal. Confirm facts and figures re: operation of NTPC stabilization funds.
Tuesday, October 14, 2014	2.00	Reviewed and revised draft submission to YUB on rebuttal evidence.
Employee Total	5.50	
Najmidinov, Hamid		
Monday, October 27, 2014	0.75	Check file with 28 water years.
Tuesday, October 28, 2014	0.50	Review and revisions to the 28 water year example file.
Employee Total	1.25	
Osler, Cam		
Wednesday, October 01, 2014	0.75	Consider issues for rebuttal.
Thursday, October 02, 2014	2.50	Review rebuttal outline; call w E. Mollard and J. Landry to discuss rebuttal & argument outlines & approach.
Monday, October 06, 2014	1.00	Work on draft rebuttal (meet with A. McLaren to review NWT experience; review documents & e-mail follow up from A. McLaren)
Tuesday, October 07, 2014	6.00	Develop draft rebuttal evidence & provide to A. McLaren for review.
Wednesday, October 08, 2014	0.50	Review comments from A. McLaren on draft rebuttal.
Thursday, October 09, 2014	1.50	Meet E. Mollard & J. Landry to review first draft of rebuttal - follow up from meeting.
Sunday, October 12, 2014	1.00	Updates to rebuttal based on Thursday discussion.
Monday, October 13, 2014	2.00	Review & edits re draft DCF rebuttal evidence.
Tuesday, October 14, 2014	1.00	Review & drafting for rebuttal evidence in response to comments from P. Bowman & A. McLaren.
Friday, October 24, 2014	4.50	Work on final argument; call with E. Mollard to review outline.

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Saturday, October 25, 2014	3.00	Work on final argument.
Sunday, October 26, 2014	7.00	Work on final argument.
Monday, October 27, 2014	7.50	Work on final argument.
Tuesday, October 28, 2014	12.00	Work on final argument; reviewed edits & comments from E. Mollard and J. Landry.
Wednesday, October 29, 2014	7.75	Complete drafting, reviewed and finalizing argument; call with E. Mollard; e-mails with J. Landry.
Thursday, October 30, 2014	4.50	Initial review of AEY and UCG arguments; provide e-mail to E. Mollard, J. Landry & M. Pollitt-Smith on issues and recommendations.

Employee Total	62.50	
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Pollitt-Smith, Mona

Wednesday, October 01, 2014	0.50	Review issues re argument.
Thursday, October 02, 2014	2.00	Review materials and draft notes re DCF & ERA and send for review prior to call; attend call re outline of issues for argument & rebuttal.
Saturday, October 04, 2014	2.50	Rebuttal.
Sunday, October 05, 2014	1.00	Discuss Rebuttal with C. Osler.
Monday, October 06, 2014	1.00	Discussion with A. McLaren and C. Osler re DCF rebuttal re: NWT issues.
Thursday, October 09, 2014	1.00	Discuss DCF rebuttal with E. Mollard and J. Landry.
Sunday, October 12, 2014	0.50	Edits to rebuttal evidence.
Tuesday, October 14, 2014	1.00	Review emails & finalize rebuttal evidence.
Wednesday, October 15, 2014	0.50	Finalize DCF/ERA rebuttal evidence.
Wednesday, October 22, 2014	0.50	Start template for argument.
Friday, October 24, 2014	3.00	Draft argument & discuss with C. Osler. Sent outline for review. Call with E. Mollard and C. Osler to review outline.
Saturday, October 25, 2014	6.50	Draft argument.
Sunday, October 26, 2014	7.00	Draft argument.
Monday, October 27, 2014	5.00	Draft argument.
Tuesday, October 28, 2014	5.50	Draft argument.
Wednesday, October 29, 2014	8.00	Finalize and file argument.
Thursday, October 30, 2014	1.25	Review issues re reply with C. Osler. Review summary of issues.

Employee Total	46.75	
Component Total	122.50	
Project Total	122.50	



DEC 16 2014

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OK to Pay

[Signature]

Yukon Energy Corporation

P.O. Box 5920
 Whitehorse, Yukon Y1A 6S7
 Accounts Payable

INVOICE

No. P306B-31
 November 30, 2014

YEC - GRA
P306B
 Contract No. SA14002 - PO#12216 *void*
 For Services Rendered Through November 30, 2014

Professional Fees

	Hours	Rate	Amount
DCF/ERA Filing			
Osler, Cam	44.00	240.00	\$10,560.00
Pollitt-Smith, Mona	43.00	143.00	\$6,149.00
Najmidinov, Hamid	3.25	99.00	\$321.75
Gordon, Jolene	.75	80.00	\$60.00
Admin/Clerical	2.00	64.00	\$128.00
DCF/ERA Filing Total:	93.00		\$17,218.75
Total Professional Fee	93.00		\$17,218.75

Expenses

2.8 DCF/ERA Filing
 In-House

Photocopying \$107.10
2.8 DCF/ERA Filing Total: **\$107.10**

Total Expenses **\$107.10**

Taxes

	Taxable Amount	Tax %	Amount
GST (R 1025 054 84)	\$17,325.85	5.00 %	\$866.29

Invoice Amount

\$18,192.14

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TIMESHEET BY PROJECT WITH COSTS

REPORTING PERIOD: From Saturday, November 01, 2014 to Sunday, November 30, 2014

CLIENT: Yukon Energy Corporation

PROJECT: P306B YEC - GRA

PROJECT/COMPONENT	HOURS Billed	DESCRIPTION
P306B-2.8 - DCF/ERA Filing		
Gordon, Jolene		
Monday, November 10, 2014	0.25	Provided financial support.
Thursday, November 13, 2014	0.50	Completed a cross-check and provided support on updating the TOC of the reply argument.
Employee Total	0.75	
Klat, Karen		
Thursday, November 13, 2014	2.00	Formatted, proof read and spell checked, added comments to the DCF & ERA Filing Reply Argument - DRAFT document for M. Pollitt-Smith as needed to be issued today.
Employee Total	2.00	
Najmidinov, Hamid		
Wednesday, November 12, 2014	3.25	Worked on ERA related tasks; had a meeting with C. Osler and M. Pollitt-Smith.
Employee Total	3.25	
Osler, Cam		
Sunday, November 02, 2014	1.00	Reviewed with M. Pollitt-Smith outline for Reply Argument.
Monday, November 03, 2014	1.75	Reviewed reply argument approach with M. Pollitt-Smith and then with E. Mollard in call; other work on reply argument.
Wednesday, November 05, 2014	2.50	Worked on reply argument.
Thursday, November 06, 2014	3.00	Worked on reply argument.
Friday, November 07, 2014	1.75	Worked on reply argument
Saturday, November 08, 2014	6.00	Worked on reply argument.
Sunday, November 09, 2014	7.50	Worked on reply argument.
Monday, November 10, 2014	8.00	Worked on reply argument.
Tuesday, November 11, 2014	6.50	Worked on reply argument.
Wednesday, November 12, 2014	3.25	Review of draft Reply Argument (call with J. Landry and E. Mollard; e-mails re: edits and issues; reviews with H. Najmidinov on ERA issues and assessments).
Thursday, November 13, 2014	2.75	Final reviews, edits and checks re: Reply Argument.
Employee Total	44.00	
Pollitt-Smith, Mona		
Sunday, November 02, 2014	2.00	Reviewed arguments and discussed approach to reply with C. Osler.
Monday, November 03, 2014	3.50	Drafted outline of reply and call with E Mollard.
Tuesday, November 04, 2014	3.00	Worked on draft reply argument.
Wednesday, November 05, 2014	3.00	Worked on draft reply argument.
Thursday, November 06, 2014	5.50	Worked on draft reply argument.
Friday, November 07, 2014	3.00	Worked on draft reply argument.
Saturday, November 08, 2014	4.00	Worked on draft reply argument.
Sunday, November 09, 2014	5.00	Worked on draft reply argument.
Monday, November 10, 2014	5.00	Worked on draft reply argument.
Tuesday, November 11, 2014	1.50	Reviewed edits to reply argument.
Wednesday, November 12, 2014	3.00	Calls re: reply argument with Ed and Landry; reviewed edits and internal discussions.
Thursday, November 13, 2014	4.50	Edited and finalized reply argument.
Employee Total	43.00	
Component Total	93.00	

KGS Group

7263

INVOICE No. 66213
DATE: August 31, 2014
GST / HST No. 10287 3403 RT0001

TO: Mr. Ed Mollard
 Yukon Energy Corporation
 P.O. Box 5920 STN Main
 Whitehorse, YT Y1A 6S7

JAN 15 2015

PROJECT: 14-1404-002 YECSIM Hearing Support
PROJECT MGR: Dave MacMillan
REFERENCE:

OLD YEAR

PROFESSIONAL SERVICES August 01, 2014 - August 31, 2014

Professional Personnel	\$3,971.00
Additional Fees	\$198.55
Subtotal	<u>\$4,169.55</u>
Goods and Services Tax	<u>\$208.48</u>
Invoice Total	<u><u>\$4,378.03</u></u>

Approved By



BILLINGS TO DATE

	Current	Prior	Total
Professional Personnel	\$3,971.00	\$0.00	\$3,971.00
Additional Fees	\$198.55	\$0.00	\$198.55
Subtotals	<u>\$4,169.55</u>	\$0.00	<u>\$4,169.55</u>
Taxes	\$208.48	\$0.00	\$208.48
Totals	<u>\$4,378.03</u>	\$0.00	<u>\$4,378.03</u>

OK to Pay



C13040

999-6000-400

BILLING DETAILS

Phase	1000	Studies / Pre-design Investigations
Task	01	Review

Professional Personnel

	Bill Hours	Bill Rate	Charge	
Prof Level 5				
Curi, Fuad	17.00	163.00	\$2,771.00	
Prof Level 7				
Carson, Rick	4.00	200.00	\$800.00	
MacMillan, Dave	2.00	200.00	\$400.00	
Total	23.00		\$3,971.00	
Total				\$3,971.00

Additional Fees

Facility Usage fee	5.00 % of 3,971.00		\$198.55	
Total			\$198.55	\$198.55

Total this Task	\$4,169.55
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Total this Phase	\$4,169.55
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Taxes

Goods and Services Tax	5.00 % of 4,169.55		\$208.48	
Totals			\$208.48	\$208.48

Invoice Total	\$4,378.03
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ATTACHMENT C

Davis LLP

FROM THE OFFICE OF P. John Landry
DIRECT LINE 604.643.2935
DIRECT FAX 604.605.3588
E-MAIL john_landry@davis.ca

March 2, 2015

Mr. Ed Mollard
Chief Financial Officer
Yukon Energy Corporation
Box 5920
Whitehorse, YT Y1A 6S7

Re: An Application by Yukon Energy Corporation to Revise the Diesel Contingency Fund ("DCF") & Related Amendments to the Energy Reconciliation Adjustment ("ERA")

This is to confirm that Davis LLP was retained by Yukon Energy to act on its behalf as legal counsel on all matters related to the above-noted application, including its preparation and pre-hearing and hearing processes before the YUB.

Yours truly,
DAVIS LLP
Per:



P. John Landry
PJL/laj

Davis: 18409889.1

InterGroup Consultants Ltd



Suite 500-280 Smith Street
Winnipeg, Manitoba
R3C 1K2
tel: (204) 942-0654
fax: (204) 943-3922
e-mail: intergroup@intergroup.ca

March 2, 2015

Mr. Ed Mollard
Chief Financial Officer
Yukon Energy Corporation
Box 5920
Whitehorse, YT Y1A 6S7

Dear Mr. Mollard:

Re: An Application by Yukon Energy Corporation to Revise the Diesel Contingency Fund ("DCF") & Related Amendments to the Energy Reconciliation Adjustment ("ERA")

This is to confirm that InterGroup Consultants was retained by Yukon Energy to provide regulatory support and other services as required on all matters relating to the above-noted hearing before the Yukon Utilities Board, including preparation of the Application, as well as preparation of interrogatory responses and argument and reply.

Yours truly,

INTERGROUP CONSULTANTS LTD.

A handwritten signature in blue ink, appearing to read 'C. Osler', is positioned above the name of the signatory.

Cameron Osler
CEO/Chair

EDUCATION:

M.A. (Economics), Simon Fraser University, 1968
University of Toronto Law School, 1964-1965
B.A. (Philosophy), University of Manitoba, 1964

PROFESSIONAL HISTORY:

InterGroup Consultants Ltd.

Winnipeg, Manitoba

1974 - Present

Founding partner and Chair & CEO of InterGroup Consultants Ltd. (formerly InterGroup Consulting Economists Ltd.); President to 2007.

2000 - 2006

Director, CBT Energy Inc.

Strategic planning and multi-disciplinary project team management experience, based on resource and regional economics expertise relating to mining, energy (particularly hydro-electric generation and renewable liquid energy fuels), and downtown tri-government urban development projects.

Detailed project experience is outlined below separately under each of the following headings:

- Socio-Economic and Environmental Assessment & Related Public Consultation – Mining, Hydro-electric, Forestry and Other Major Projects
- Strategic Planning & Multi-disciplinary Project Team Management – Resource, Regional and Urban Development Projects
- Compensation and Monitoring Related to Resource Project Impacts
- Utility Regulation – Expert Analysis and Testimony at Hearings
- Resource Rent, Royalty and Tax Policy – Related Expert Evidence
- Other Strategic Planning and Assessment

Socio-Economic and Environmental Assessment & Related Public Consultation – Mining, Hydro-electric, Forestry and Other Major Projects

- **For Manitoba Hydro (1999-Present)**, Study Leader responsible for socio-economic assessment and planning work in a multi-disciplinary Consultant Management Team retained to assist Manitoba Hydro in the conduct of the environmental assessment programs associated with future planning for three potential

hydroelectric generating stations in northern Manitoba (Wuskwatim, Keeyask and Conawapa), including site selection and environmental assessments for the associated transmission facilities. Provided expert testimony before the Manitoba Clean Environment Commission on the Wuskwatim Generation and Transmission Projects EISs submitted by Manitoba Hydro and Nisichawayasihk Cree Nation. The Wuskwatim Generation and Transmission Projects have been constructed (the Wuskwatim Generation Project was developed by the Wuskwatim Power Limited Partnership of Nisichawayasihk Cree Nation and Manitoba Hydro). The Keeyask Project is currently under regulatory review. The Conawapa Project is currently in the environmental assessment planning stage.

- **For Manitoba Hydro (2011-2012)**, senior advisor regarding environmental assessment approach, including significance and cumulative effects assessment, for the EIS filing of the proposed Bipole III Transmission Project. Provided expert testimony on this project before the Clean Environment Commission.
- **For Yukon Energy Corporation (2008-2012)**, Project Principal regarding 10+ MW Mayo B Hydro Enhancement Project activities related to preparation of YEC Project Proposal Submission to the Yukon Environmental and Socio-economic Assessment Board Executive Committee and the YEC Application to the Yukon Water Board, and related planning activities leading to construction of this project, including negotiation of Project Agreement with First Nation of Na-cho Nyak Dun, process to select and finalize Alliance construction contractor (Kiewit), preparation of Public Utilities Act Part 3 Application for Mayo B and provision of expert testimony on this Application to the Yukon Utilities Board, and participation in ongoing oversight of project implementation activities (the project came into service before the end of 2011).
- **For Yukon Energy Corporation (2005-2008)**, Project Principal regarding 138 kV Carmacks-Stewart Transmission Project activities related to preparation of YEC Project Proposal Submission to the Yukon Environmental and Socio-economic Assessment Board Executive Committee, negotiation of purchase power agreement with mine customer to be served by this project and Project Agreement with three Northern Tutchone First Nations, provision of expert testimony on this project to the Yukon Utilities Board, and participation in ongoing oversight of project implementation activities (Stage 1 of this project came into service in late 2008, Stage 2 came into service in mid-2011).
- **For Manitoba Floodway Authority (2003-2005)**, senior advisor regarding environmental assessment and licensing activities of the proposed Red River Floodway Expansion Project. Provided expert testimony before the Manitoba Clean Environment Commission on EIA study approach, including cumulative effects assessment,

regarding the Project EIS submitted by the Manitoba Floodway Authority.

- **For Yukon Energy Corporation (1992-2002)**, advisory reviews of environmental impact assessment work for re-licensing of the Aishihik hydro-generation facility and related expert testimony before the Yukon Territorial Water Board.
- **For uranium mining companies in northern Saskatchewan during the 1990's**, project director for consultants regarding socio-economic impact assessment, economic impact and cost-benefit assessments, and public consultation design and implementation for the Rabbit Lake expansions (Cameco Corporation, 1991-1993), the McArthur River developments (Cameco Corporation, 1993-1996), the Cigar Lake developments (Cigar Lake Mining Corporation, 1993-1996), and the Rabbit Lake extension (Cameco Corporation, 1999-); provided related evidence and expert witness testimony for the Rabbit Lake federal environmental review panel hearing and the McArthur River developments federal-provincial environmental review panel hearings. Provided advisory review for InterGroup's similar socio-economic and economic impact assessments, and public consultation work for COGEMA related to Cluff Lake mine projects during this period.
- **For Cameco, Cigar Lake Mining Corporation and COGEMA (1993-1994)**, facilitation of an agreement in principle for an impact management agreement involving seven Athabaska communities (this was one element of the socio-economic/public consultation EIS work related to the McArthur River and CLMC projects).
- **For Repap Manitoba, Inc. (1989-1991)**, project management of the socio-economic impact assessment, and design and implementation of an extensive public consultation program, for the proposed Phase 1 Manitoba expansion.
- **For aggregate producers in Ontario during the 1980's and early 1990's**, socio-economic impact and resource policy evaluations relating to proposed aggregate developments in southern Ontario (Puslinch, Milton and Niagara Escarpment Planning Area); provision of resource economics expert testimony before the Ontario Municipal Board on behalf of TCG Materials Limited and on behalf of Armbro Aggregate.
- **For the City of Winnipeg in the 1990's**, socio-economic impact assessment for the new Charleswood and Main/Norwood bridge developments (two separate assignments; provided advisory review for other InterGroup principals who directed this work, as well as assistance in coordination of hearing testimony for the regulatory review of the Charleswood bridge project).

- **For the Moosonee Development Area Board (early 1990's)**, socio-economic counsel in an intervention relating to potential impacts of Ontario Hydro's proposed hydro generation development of the Moose River Basin.
- **For Manitoba Hydro in the late 1980's and 1990's**, senior advisory review as required by other InterGroup principals carrying out the following assignments: socio-economic impact assessment and public consultation program for the Conawapa hydro generating station EIS (1989-1993); socio-economic impact assessment and public consultation program for the Split Lake transmission line project (joint study with the First Nation, early 1990's); socio-economic impact assessment and public consultation program for the siting and the EIS related to the Winnipeg-Brandon transmission line and Neepawa substation projects (1995-1997); study to review environmental externality and compensation cost modeling for hydro-generation and related transmission line projects (1996-1997). Deputy Project Director for initial environmental assessments study for third Bipole Transmission Lines (1986-1987).
- **For Manitoba Hydro in the early-to-mid 1980's**, various investigations with respect to the environmental and socio-economic impacts related to planning of new power generation projects in northern Manitoba, including deputy project director for the Burntwood River Environmental Overview Study (1980-1984), and review of InterGroup's work (carried out by senior staff) to prepare the socio-economic assessment and conduct public consultation for the Limestone hydro-electric generating station EIS.
- **For Alcan in the early 1980's**, management of investigations with respect to the socio-economic impacts of a proposed aluminum smelter in Manitoba.
- **For Key Lake Mining Corporation in the early 1980's**, expert testimony before the Commission of Enquiry on socio-economic impacts associated with the uranium project at Key Lake.
- **For Amok Ltd., in the 1977 Saskatchewan hearings on uranium developments**, provided expert testimony before the Bayda Commission of Enquiry on socio-economic impacts associated with the Amok mining project at Cluff Lake.

Strategic Planning & Multi-disciplinary Project Team Management –Resource, Regional and Urban Development Projects

- **For Yukon and Alaska governments (2014)**, participation in the management team responsible for planning study for Yukon and Alaska to provide Viability Analysis of a South-east Alaska and Yukon Economic Development Corridor, including viability assessment of transmission connection development options between Skagway and

Whitehorse and related potential hydro developments in South-east Alaska.

- **For Yukon Energy Corporation (2005 - present)**, project director for various strategic planning activities, including: preparation of Yukon Energy's 2006 20-Year Resource Plan Submission to the Yukon Utilities Board (provided expert testimony before the YUB) which lead to the Carmacks-Stewart Transmission Project and other developments; senior advisor to 2007-2008 update team assessing near-term hydro generation enhancement options for potential in-service by 2012 (lead to selection of Mayo B Project as well as Gladstone, Atlin and Marsh Lake projects for near-term development); overall strategic planning for development of the Carmacks Stewart Transmission Project and the Mayo B Hydro Enhancement Project (see resume for these projects under Socio-Economic and Environment Assessment and Related Public Consultation); preparation of Yukon Energy's 2011 20-Year Resource Plan: 2011-2030 which reviewed a wide range on new resource options, including near-term liquefied natural gas (LNG) development and long-term legacy hydro development planning; participation in Yukon Energy's Part 3 Application and review by the Yukon Utilities Board for the Whitehorse Diesel-Natural Gas Conversion Project.
- **For the City of Winnipeg and Neeginan Development Corporation (1998)**, project director responsible for preparation of the Development Plan for the Thunderbird House project on Main Street.
- **For Spirit of Manitoba Inc. and Manitoba Entertainment Complex Inc. (1994-1995)**, responsible for management of all aspects of a project to develop a new downtown entertainment complex and to retain the Winnipeg Jets Hockey Club in Winnipeg; managed the multi-disciplinary team carrying out negotiations, siting, design, costs, feasibility planning, environmental assessments, and other work required to secure approvals under tight deadlines specifically for the new arena component of the project.
- **For The Forks Renewal Corporation (a corporation owned by Canada, Manitoba and Winnipeg) during the late 1980's and early 1990's**, Development Coordinator responsible for planning and directing initial development and financial activities (1987-1993), including negotiation of land exchange agreements, preparation of a Phase I Concept and Financial Plan, site planning and Stage One projects, roads and services; ongoing financial and strategic planning counsel.
- **For Government of Yukon (Department of Economic Development, Mines & Small Business) (1985-1987)**, management of multi-disciplinary team carrying out financial, economic, legal and strategic planning work relating to the

devolution and transfer to Yukon of the Northern Canada Power Commission assets and operations in Yukon; participation in all related negotiations.

- **For the East Yard Task Force (comprised of the governments of Canada, Manitoba and Winnipeg) (1985-1986)**, general advisor and manager for all consultant work (planning and architectural, engineering, financial and legal) related to the redevelopment of a major rail yard area in downtown Winnipeg.
- **For North Portage Development Corporation (1984-1987)**, economics and financial counsel during the initial development phase; coordinator for work relating to corporate financial plans, selection of major developers (retail, housing and office projects), and negotiation of long-term agreements (land lease, development and other related agreements) with each of the selected developers.
- **For Canadian Methanol Canadien during the 1980s**, participation in an executive capacity in a partnership venture involving Inter-City Gas Corporation and The M100 Group to develop methanol vehicle fuel [management of multidisciplinary project team involving engineers, planners, financial, legal, and other professionals to demonstrate and develop hybrid (natural gas and wood feedstock) methanol production facilities as well as different market uses for methanol (including use in flexible fuel passenger vehicles)].
- **For the Government of Canada in the late 1970's**, project director of a major multi-disciplinary study to examine the feasibility of producing liquid fuels (including methanol) from biomass feedstock resources throughout Canada; this study included examination of liquid fuel production options involving the joint use of either electricity or natural gas along with biomass feedstock. The multi-disciplinary consulting team included firms with chemical engineering and forestry expertise.

Compensation & Monitoring Related to Resource Project Impacts

- **For Tsay Keh Dene First Nation (2001-2009)**, expert socio-economic and resource economics assistance with respect to settlement negotiations concluded with BC Hydro and the Province of British Columbia relating to impacts on the Tsay Keh Dene First Nation from the Williston Reservoir developments in the 1970s (AIP reached in 2006); related advice regarding the Peace Water Use (WUP) process and contracting arrangements for Tsay Keh WUP reservoir-related contracts with BC Hydro.
- **For Kwadacha First Nation (2001-2008)**, expert socio-economic and resource economics assistance with respect to settlement negotiations concluded with BC Hydro and the Province of British

Columbia relating to impacts on Kwadacha First Nation from the Williston Reservoir developments in the 1970s (AIP reached in 2006; Final Agreement reached in 2008).

- **For Manitoba Hydro in the 1990's**, expert socio-economic and resource economics assistance with respect to claims by the community of South Indian Lake (early 1990's) and by Northern Flood Agreement communities, including the Cross Lake First Nation (1999-Present), related to post-project development impacts from hydroelectric power development.
- **For uranium mining companies (1999)**, project director for the preparation of a draft work plan for a community vitality monitoring program for northern communities in Saskatchewan affected by uranium mining development; the work plan requirement arose out of federal-provincial environmental impact panel hearings on the McArthur River and Cigar Lake mining projects; the work plan was prepared for a working committee with representatives from the three uranium mining companies (Cameco Corporation, COGEMA, and Cigar Lake Mining Corporation), the Saskatchewan Northern Mines Monitoring Secretariat, and the northern Saskatchewan Health Districts.
- **For BC Hydro (early 1990's)**, evaluation of a trust fund proposed to compensate five Lillooet Nation Bands for damages from hydroelectric generation and transmission activities.
- **For the Beaufort Sea Steering Committee (early 1990's)**, review of wildlife compensation program options in the event of an oil spill in the Beaufort Sea.
- **For Manitoba Hydro (1989-1990)**, project management of an independent post-project evaluation of the Grand Rapids Project impacts on Aboriginal communities, including direction of the socio-economic component of the evaluation.

Cost of Service and Rates – Expert Analysis and Testimony at Hearings

- **For the Yukon Energy Corporation (1989-Present)**, expert testimony before the Yukon Utilities Board on planning major capital projects (1992) and on electricity costing and rates related to rate applications by Yukon Energy Corporation (1989, 1991, 1993, 1996, 1997, 1998, 2005, 2008-09, 2012-13 and YEC-YECL 2009 Phase II Application).
- **For Newfoundland Industrial Customers (2001 and 2003)**, expert testimony before the Board of Commissioners of Public Utilities of Newfoundland and Labrador on electricity costing and rates related to general rate applications by Newfoundland Hydro.

- **For the Manitoba Industrial Power Users Group (1987-1999)**, expert testimony before the Manitoba Public Utilities Board in Manitoba Hydro electricity rate hearings, including rate applications in 1987/88, 1989, 1990, 1991, 1992, 1994, 1995, and 1998, and the Manitoba Hydro Major Capital Projects hearing in 1990. Represented MIPUG at hearings before the Board in 1999 to approve the purchase of Centra Gas by Manitoba Hydro.
- **For the Bruce Municipal Telephone System in the early 1990's**, expert economic evidence to the Ontario Telephone Service Commission related to the cost of equity capital.
- **For Government of Yukon, expert testimony before the National Energy Board in 1985**, expert testimony on costs and rates pertaining to the Northern Canada Power Commission.
- **For IPSCO during the 1980's**, expert testimony before Saskatchewan Utilities Regulatory Commission hearing on the first and second rate applications by Saskatchewan Power Commission.
- **For Stelco, INCO and the Motor Vehicle Manufacturers' Association of Canada, in the 1977-1979 Ontario Energy Board hearings HR5**, examining Ontario Hydro's electricity costing and pricing principles; provided consulting advice and expert testimony on the issues and options pertaining to that hearing.
- **For a consortium (The Consumers' Gas Company, Union Gas, Northern and Central Gas and the Ontario Ministry of Energy), a 1974 report on natural gas requirements throughout Canada**; provided expert testimony before the National Energy Board on this report.

Resource Rent, Royalty and Tax Policy – Related Expert Evidence

- **For Regional Municipality of Ottawa Carleton (RMOC) in the mid-1990's**, expert resource and regulatory economist evidence before the Ontario Municipal Board on By-Law 234/92, which imposed compensation payments on private landfill operators in the Region.
- **For a group of pipeline companies in Ontario (1989-1992)**, assistance with coordination of expert evidence in an arbitration, and provision of expert evidence on methodology to determine annual rent for pipeline use of a transmission corridor owned by Ontario Hydro.
- **For Sun Oil in the 1970's**, counsel on preparation of a brief to the Government of Canada on the proposed Federal Land Regulations for Oil and Gas Lands.

- **For the Canadian Potash Producers' Association in the 1970's and early 1980's**, expert assistance with taxation discussions with Saskatchewan authorities, analysis of the proposed government takeover of the potash industry, and liaison with legal counsel.
- **For the Uranerz-Inexco joint venture in the 1970's**, participation in discussions between the Saskatchewan Government and the uranium industry concerning uranium taxation revisions; provided economic counsel for these discussions.
- **For the Mining Association of British Columbia in the 1970's**, expert testimony before the Commission of Enquiry into property taxation in that province.
- **For the Mining Association of Canada in the 1970's**, preparation of analytical models for comparison of different mineral taxation structures.
- **For Canadian Industrial Oil and Gas Ltd. in the 1970's**, analysis of the public policy aspects of Saskatchewan Bill 42 relating to taxation (advice to legal counsel related to a court case).

Other Strategic Planning and Assessment

- **For the Yukon Energy Corporation and the Yukon Development Corporation (1987-Ongoing)**, financial and strategic planning counsel on major issues, including rate policy planning (see also Utility Regulation), major capital planning issues (see also Environmental Assessment and Strategic Planning), management agreement arrangements, negotiations in the 1990s between YEC and various owners of the Faro mine, negotiation in 2006-2007 of Power Purchase Agreement (PPA) with Minto Explorations Ltd. and ongoing activities to amend the Minto PPA and to negotiate PPAs with other mines (including Alexco Resource Corp.).
- **For Manitoba Hydro (1999-early 2000s)**, assistance on various matters, including policy reviews related to debris management programs and planning related to US market consultations.
- **For the Northern Manitoba Economic Development Commission (1991-1992)**, participation in the preparation of two reports, contributing to the Commission's Sustainable Economic Development Plan for Northern Manitoba for the 1990s.
- **For Regional Municipality of Ottawa Carleton (RMOC) during the 1990's**, economic assessments of options to extend the life of the Trail Road Landfill site.

- **For Metropolitan Toronto (late 1980's)**, economic analysis of the best available technology for the utilization of the landfill gas resources at the Keele Valley Landfill site.
- **For a western energy company (early 1990's)**, preparation of a Cost-Benefit Analysis of a 160 MW co-generation project, assessment of the implications of the project for Manitoba Hydro, and participation in the discussions between the company and Manitoba Hydro.
- **For Western Economic Diversification (late 1980's)**, assessment of Winnipeg tri-government development corporation cash flow scenarios.
- **For the Government of Manitoba during the late 1980's and early 1990's**, advice and assistance in the preparation of proposal calls for the redevelopment of a historically significant site in Winnipeg, as well as participation in the developer selection and negotiation process.
- **For the Canadian Electrical Association in the late 1970's**, management of interdisciplinary team investigations with respect to the impacts of proposed federal atmospheric emission control guidelines on Canadian electrical generating industry thermal power stations.

Hedlin Menzies/Acres Consulting Services
Hedlin Menzies & Associates Ltd.

Winnipeg, Manitoba

1968 - 1974

Research Economist/*Manager and Senior Consultant*

Project manager of major studies involving regional resource and cost-benefit impact policy issues relating to prairie manufacturing, prairie elevator and transportation rationalization, Manitoba Hydro northern development activities, Canadian energy requirements and research and development priorities, alternative export policies for natural gas, Canadian Merchant Marine development options, alternative rail route options in the Yukon and northern British Columbia, and various mineral resource policy options pertaining to mining development and taxation.

Sessional lecturer on mineral economics for one year at the University of Manitoba's Natural Resources Institute.

RESEARCH PAPERS:

"The Process of Urbanization in Canada, 1600-1961." Simon Fraser University (M.A.) Thesis. 1968.

"Technological Change and the Economics of Agricultural Development." Simon Fraser University (M.A.) Thesis. 1968.

"Economic Analysis of Short-Term Alternatives Regarding Southern Indian Lake in Manitoba" (joint work with Dr. A.M. Lansdown, P.Eng., 1969).

"A New National Development Policy for Canada: The Relevance of Western Canada." Prepared for the Liberal Conference on Western Objectives. 1973.

"Canada's Gains and Losses from Oil Export Taxes" (joint work with Dr. R.W. Fenton, 1973).

"Resource Management Factors Influencing Mineral Development in North Central Canada." Paper presented to the annual western meeting of the Canadian Institute of Mining and Metallurgy, Winnipeg, October 7, 1974.

"Energy, Provincial Rights and Canadian Unity." 1973.

"An Evaluation of 'An Energy Policy for Canada' " (joint work with Dr. R.W. Fenton, 1973).

"Resource Management Factors Influencing Manitoba Mining." Natural Resources Institute, University of Manitoba. 1974.

"Liquid Fuels from Renewable Resources in Canada: Systems Economic Studies." Paper presented to the Institute of Gas Technology Symposium on Energy from Biomass and Wastes, Washington, DC. August 1978.

"Canadian Scenario for Methanol Fuel." Paper presented to the Alcohol Fuels Technology Third International Symposium, California, January 1979.

"Socio-Economic Impacts from Potential Canadian Methanol Fuel Development." Paper presented to the IV International Symposium on Alcohol Fuels Technology, Brazil. October 1980.

"Canadian Methanol Development Using Natural Gas and Wood Feedstocks." Paper presented to the First IEA Conference on New Energy Conservation Technologies and their Commercialization, Berlin. April 1981.

"Methanol as an Alternative Automotive Fuel: CMC's Approach and Experience." Paper presented to the West Coast International Meeting of the Society of Automotive Engineering, Vancouver, BC. August 1983.

"Status of CMC Fuel Methanol Production and Market Development Programs." Paper presented to the VI International Symposium on Alcohol Fuels Technology, Ottawa. May 21-25, 1984.

"Diesel & Thermal Electricity Generation Options." Background Paper for Yukon Energy Corporation Energy Planning Charrette, Whitehorse, March 6-9, 2011. Related presentations at the Energy Charrette: "Loads and Role of Diesel" and "Thermal Generation Options".

"LNG - Transition Fuel Option for Yukon." Paper presented at Yukon Energy LNG Workshop, Whitehorse, January 18, 2012.

EDUCATION: **University of Manitoba**
MNRM (Natural Resource Management), 1998

Prescott College (Arizona)
BA (Human Development and Outdoor Education), 1994.

**PROFESSIONAL
HISTORY:**

InterGroup Consultants Ltd.

Winnipeg, MB

1998 – Present *Research Analyst/Consultant/Principal*

Project development, regulatory and rates, economic analysis and environmental licencing, primarily in the energy field.

Utility Regulation

Conducted research and analysis for regulatory and rate reviews of electric, gas and water utilities in six Canadian provinces and territories. Prepare evidence and review testimony for regulatory hearings. Assist in utility capital and operations planning to assess impact on rates and long-term rate stability. Major clients included the following:

- **For Yukon Energy Corporation (1998-present)**, analysis and support of regulatory proceedings and normal regulatory filings before the Yukon Utilities Board. Appear before YUB as expert on revenue requirement matters, cost of service, rate design, and resource planning. Prepare analysis of major capital projects, financing mechanisms to reduce rate impacts on ratepayers, depreciation, as well as revenue requirements.
- **For Yukon Development Corporation (1998-present)**, prepare analysis and submission on energy matters to Government. Participate in development of options for government rate subsidy programs. Assist with review of debt purchase, potential First Nations investment in utility projects, and corporate governance.
- **For Northwest Territories Power Corporation (2000-present)**, provide technical analysis and support regarding General Rate Applications and related

Public Utilities Board filings. Assist in preparation of evidence and providing overall guidance to subject specialists in such topics as depreciation and return. Appear before PUB as expert in revenue requirement, cost of service and rate design matters, and on system planning reviews (Required Firm Capacity).

- **For Manitoba Industrial Power Users Group (1998-present)**, prepare analysis and evidence for regulatory proceedings before Manitoba Public Utilities Board representing large industrial energy users. Appear before PUB as expert in cost of service and rate design matters. Assist in regulatory analysis of the purchase of local gas distributor by Manitoba Hydro. Assist industrial power users with respect to assessing alternative rate structures and surplus energy rates.
- **For Industrial Customers of Newfoundland and Labrador Hydro (2001-present)**, prepare analysis and evidence for Newfoundland Hydro GRA hearings before Newfoundland Board of Commissioners of Public Utilities representing large industrial energy users. Provide advice on interventions in respect of major new transmission facilities. Appear before PUB as expert in cost of service and rate design matters.
- **For NorthWest Company Limited (2004-2006)**, review rate and rider applications by Nunavut Power Corporation (Qulliq Energy), provide analysis and submission to rate reviews before the Utility Rates Review Council.
- **For Municipal Customers of City of Calgary Water Utility (2012-2013)**, analysis of proposed new development charges and reasonableness of water and wastewater rates.
- **For Nelson Hydro (2013-current)**, development of a Cost of Service model.
- **For City of Swift Current (2013-current)**, utility system valuation approach.

Project Development, Socio-Economic Impact Assessment and Mitigation

Provide support in project development, local investment opportunities or socio-economic impact mitigation programs for energy projects, including northern Manitoba, Yukon, and NWT. Support to local communities in resolution of outstanding compensation claims related to hydro projects.

- **For Yukon Energy Corporation (2005-current)**, Participated in preparation of resource plans, including Yukon Energy's 20-Year Resource Plan Submission to the Yukon Utilities Board in 2005 (including providing expert testimony before the YUB), advisor on 2010 update. Project Manager for all planning phases of the Mayo B hydroelectric project (\$120 million project) including environmental assessment and licencing, preliminary project design, preparation of materials for

Yukon Utilities Board hearing, joint YEC/First Nation working group on all technical matters related to project including fisheries, managing planning phase financing and budgets. Assistance in preparation of assessment documentation for Whitehorse LNG generation project.

- **For Northwest Territories Power Corporation (2010-current)**, Participate in planning stages of \$37 million dam replacement project; appear before Mackenzie Valley Land and Water Board (MVLWB) regarding environmental licence conditions; participate in contractor negotiations, economic assessments, and ongoing joint company/contractor project Management Committee. Provide economic and rate analysis of potential major transmission build-out to interconnect to southern jurisdictions. Conduct business case analysis for regulatory review of projects \$400,000-\$5 million, and major PUB Project Permit reviews of projects >\$5 million.
- **For Northwest Territories Energy Corporation (2003-2005)**, provide analysis and support to joint company/local community working groups in development of business case and communication plans related to potential new major hydro and transmission projects.
- **For Kwadacha First Nation and Tsay Keh Dene (2002-2004)**: Support and analysis of potential compensation claims related to past and ongoing impacts from major northern BC hydroelectric development. Review options related to energy supply, including change in management contract for diesel facilities, potential interconnection to BC grid, or development of local hydro.
- **For Manitoba Hydro Power Major Projects Planning Department (1999-2002)**, initial review and analysis of socio-economic impacts of proposed new northern generation stations and associated transmission. Participate in joint working group with client and northern First Nation on project alternatives (such as location of project infrastructure).
- **For Manitoba Hydro Mitigation Department (1999-2002)**, provide analysis and process support to implementation of mitigation programs related to past northern generation projects, debris management program. Assist in preparation of materials for church-led inquiry into impacts of northern hydro developments.
- **For International Joint Commission (1998)**, analysis of current floodplain management policies in the Red River basin, and assessment of the suitability of alternative floodplain management policies.

- **For Nelson River Sturgeon Co-Management Board (1998 and 2005)**, an assessment of the performance of the Management Board over five years of operation and strategic planning for next five years.

Government of the Northwest Territories

Yellowknife, NT

1996 - 1998

Land Use Policy Analyst

Conducted research into protected area legislation in Canada and potential for application in the NWT. Primary focus was on balancing multiple use issues, particularly mining and mineral exploration, with principles and goals of protection.

PUBLICATIONS:

Government Withdrawals of Mining Interests in Great Plains Natural Resources Journal. University of South Dakota School of Law. Spring 1997.

Legal Framework for the Registered Trapline System in Aboriginal Trappers and Manitoba's Registered Trapline System: Assessing the Constraints and Opportunities. Natural Resources Institute. 1997.

Land Use and Protected Areas Policy in Manitoba: An evaluation of multiple-use approaches. Natural Resources Institute. (Masters Thesis). 1998.



EDUCATION: **Natural Resources Institute, University of Manitoba**
MNRM (Master's of Natural Resources Management), 1999

University of Manitoba
Bachelor of Science (Environmental Science), 1996

**PROFESSIONAL
HISTORY:**

InterGroup Consultants Ltd.

Winnipeg, MB

2000 - Present *Research Analyst/Research Consultant/Consultant/Principal*

Regulatory economic analysis and socio-economic impact assessment experience, primarily in the energy and water resource management fields.

- **For Northwest Territories Power Corporation (2000-present)**
 - Provided technical support and analysis during the Corporation's 2001/03 Phase I and Phase II General Rate Applications.
 - Had primary responsibility for coordinating and drafting the ratebase and revenue requirement sections for the 2006/08 Phase I General Rate Application.
 - Had primary responsibility for completing the rate design studies for the Corporation's 2010 rate rebalancing application.
 - Consultant advisor with respect to Corporation's 2015/16 Phase II GRA.
 - Other responsibilities have included preparing rate stabilization fund rider applications and applications for major project permit applications.
- **For Towns of Chestermere and Cochrane, City of Airdrie and Strathmore County (2012-2014)**
 - Provided technical analysis support to municipalities who receive water and wastewater service from the City of Calgary with respect to the City of Calgary's financial forecast, cost of service study and proposed rate design. Responsibilities included reviewing material

provided by the City of Calgary, drafting briefing notes and participating in negotiation meetings with municipal officials.

- **For Manitoba Industrial Power Users Group (2001-2011)**

- Prepared analysis for regulatory proceedings before the Manitoba Public Utilities Board representing large industrial energy users during Manitoba Hydro's 2001 Status Update Filing and 2004 General Rate Application.
- Prepared evidence and provided expert including testimony on cost-of-service methods (with Patrick Bowman) before the Manitoba Public Utilities Board in the 2006 Cost-of-Service Study hearing.
- Prepared evidence and provided expert including testimony on revenue requirement and rate design topics (with Patrick Bowman) before the Manitoba Public Utilities Board in the Manitoba Hydro 2008 General Rate Application.
- Prepared evidence and provided expert including testimony on revenue requirement and rate design topics (with Patrick Bowman) before the Manitoba Public Utilities Board in the Manitoba Hydro 2010 General Rate Application.

- **For Qulliq Energy Corporation (2008 – Present)**

- Lead consultant responsible for assisting QEC with preparation of the 2010/11 Phase I General Rate Application. Provided advice on proposed return on equity, reasonableness of revenue requirement and rate design.
- Lead consultant responsible for assisting QEC with preparation of the 2010/11 Phase II General Rate Application. This was the first Phase II application undertaken by the Corporation since separating from the Northwest Territories Power Corporation. Provided advice on classification and allocation methods for the Corporation's cost of service study and rate design options.
- Lead consultant responsible for assisting QEC with preparation of the 2014/15 Phase I General Rate Application.
- Other responsibilities have included preparing fuel rider applications and capital project permit applications.

- **For Saskatchewan Rate Review Panel (2013-Present)**

- Technical advisor to the Panel with respect to SaskEnergy's 2013 delivery service rate application. Prepared an independent report analyzing SaskEnergy's application and made recommendations to the

Panel. Topics addressed included load forecasts, reasonableness of operations and maintenance expense forecasts and rate design.

- Technical advisor to the Panel with respect to SaskEnergy's 2014 commodity rate application. Topics addressed included reasonableness of commodity rate forecast and rate design.
- **For British Columbia First Nations Energy and Mining Council (2009-2013)**
 - Provided technical services related to the Section 5 Transmission Inquiry before the British Columbia Utilities Commission. Prepared submissions on behalf of the BCFNEMC for filing with the BCUC related to First Nations interests in transmission planning.
 - Participated on the Technical Advisory Committee for BC Hydro's 2013 Integrated Resource Plan including preparing comments on behalf of the First Nations Energy and Mining Council.
- **For Industrial Customers of Newfoundland and Labrador Hydro (2001-present)**
 - Prepared analysis related to Newfoundland Hydro's 2001 GRA before on behalf of large industrial energy users. Topics addressed included revenue requirement issues and rate design.
 - Prepared analysis related to Newfoundland Hydro's 2003 GRA on behalf of large industrial energy users. Topics addressed included revenue requirement issues and rate design.
 - Submitted pre-filed testimony (with Patrick Bowman) on behalf of the Island Industrial Customers in regards to the Newfoundland & Labrador Hydro 2006 General Rate Review before the Board of Commissioners of Public Utilities. Topics addressed included revenue requirement development, cost-of-service and rate design studies.
 - Lead consultant for the Industrial Customers in a working group with Newfoundland and Labrador Hydro in 2008 to develop a marginal cost based rate proposal.
- **For Electronics and Tire Stewardship Programs in Canada (2008 – Present)**
 - Project study director for several reviews since 2009 of Environmental Handling Fees and Tire Recycling Fees related to electronics and tire stewardship programs in Nova Scotia, Quebec, Manitoba, Saskatchewan and British Columbia. Projects included broad consultation with industry and government stakeholders related to the calculation of fees.

- Project study director for a 2010 study developing performance measurement indicators for public reporting for stewardship programs. Indicators included operational, financial, public awareness and accessibility and environmental indicators.
- Project study director for the development of a generic fee design manual for scrap tire stewardship programs in Canada.
- **For Manitoba Hydro (2012 – Present)**
 - Overall responsibility for day to day management of the socio-economic studies and public engagement programs for the proposed Conawapa generation project, a 1,300 MW hydro-electric generation project in Northern Manitoba.
 - Responsible for managing a multi-disciplinary team of professionals and annual budgets in the range of \$1 to \$2 million.
 - Prepared drafts of the public engagement plan for the proposed Conawapa Generation Project.

EDUCATION: **University of Manitoba, Faculty of Law**
LL.B., 2003

University of Manitoba
Bachelor of Arts (Honours History), 1998

PROFESSIONAL HISTORY:

InterGroup Consultants Ltd. **Winnipeg, Manitoba**

2005 - Present

Research Analyst/ Research Consultant/Consultant

Utility Regulation

Research and analysis on legal and regulatory issues regarding utility rate regulation

For Yukon Energy Corporation (2006 to present)

- Lead consultant for Yukon Utilities Board Part 3 hearing review of Whitehorse Diesel-Natural Gas Conversion Project; including coordinating and assisting with preparation of Part 3 Application filing document, interrogatories, and hearing preparation.
- Lead consultant for preparation of 2012/2013 General Rate Application; including coordinating and assisting with preparation of Application filing document, interrogatories, hearing preparation and final argument.
- Project manager and lead consultant on 5-Year Update to 20-Year Resource Plan.
- Ongoing assistance with regulatory filings and other related matters as required, including 2011 Rider F Policy filing and review process, 2010 Alexco PPA application and related Yukon Utilities Board review.
- Project Manager for Yukon Energy 2009 Phase II Rate Application; coordinating and assisting with preparation of Phase II Rate Application filing document, interrogatories, hearing preparation and final argument.
- Project Manager for Yukon Energy 2008/2009 General Rate Application; coordinating and assisting with preparation of General

Rate Application filing document, interrogatories, hearing preparation and final argument.

- Project Manager for Yukon Energy's intervention in Yukon Electrical's 2008/2009 General Rate Application, including review of Yukon Electrical's Application and development of issues list, coordinating filing of interrogatories, assistance with preparation of cross-examination, attendance at hearing and argument.
- Project Manager for Yukon Utilities Board Part 3 hearing review of Mayo B Hydro Enhancement Project; coordinating and assisting with preparation of Part 3 Application filing document, interrogatories, hearing preparation and final argument.
- For Mayo B Hydro Enhancement Project assistance with tracking negotiation process and review of contracts and other agreements related to the project.
- Provided assistance with Part 3 Hearing process for the Carmacks-Stewart Transmission Project before Yukon Utility Board, including assistance with drafting and editing application and interrogatory responses.
- Assistance during regulatory process seeking Yukon Utility Board approval of a Power Purchase Agreement with Minto Mine, including writing and editing interrogatory responses, final argument and reply argument and any other required legal/ regulatory analysis.
- Assistance with drafting/ editing/ analysis of Power Purchase Agreement (PPA) with Minto Mine. This included reviewing successive drafts of agreement to ensure provisions were internally consistent, as well as consistent with other related agreements, as well as providing an assessment of the implications of terms and conditions.

For the Saskatchewan Rate Review Panel (2013)

- Assistance with technical review and preparation of the consultant's report for the Panel's review of the 2013 SaskEnergy delivery charge rate proposal.
- Assistance with technical review and preparation of consultant's report for the Panel's review of SaskEnergy's 2014 commodity rate application.

For Manitoba Industrial Power Users Group (MIPUG) (2005 to 2011)

- Project Manager for Manitoba Hydro 2008 General Rate Application hearing and 2008 Energy Intensive Industrial Rate Application hearing. Work performed included coordinating and assisting with preparation of MIPUG intervenor evidence and interrogatories, coordinating and interrogatory responses, hearing preparation (assist with preparation of direct evidence and cross-examination), and argument.
- Assistance with preparation for regulatory proceedings before Manitoba Public Utilities Board representing large industrial energy users at the Manitoba Hydro 2006 Cost of Service hearing.
- Research and assistance with analysis of various legal and regulatory issues as well as preparation of written submissions.

For Rentcash Inc. (2007 to 2008)

- Project manager for intervention in 2008 Hearing into Maximum Charges for Payday Loans; duties included coordinating and providing assistance with the preparation of written submissions, including assistance with preparation of evidence, interrogatories, interrogatory responses and rebuttal evidence.

For Turtle Mountain Sustainable Ventures Inc (2007)

- Review of legislation, regulations and policy for municipal water infrastructure in Manitoba.

Environmental Assessment

Research and analysis on legal and regulatory issues regarding environmental assessment and related regulatory issues.

For Yukon Energy Corporation (2005 to present)

- Assistance with drafting and editing proposal to the Executive Committee of the Yukon Environment and Socio-Economic Assessment Board for assessment of the Whitehorse Diesel-Natural Gas Conversion Project.
- Project Manager for Yukon Water Board licence amendment application process for the Mayo Hydro Enhancement Process; work performed included reviewing Waters Act and regulations; determining filing requirements; preparation of application and assistance with coordinating Yukon Water Board adequacy review process and subsequent oral hearing.

- Assistance with Mayo Hydro Enhancement assessment process under YESAA, as required, and assistance with other regulatory filings including Fisheries Act Authorization and Navigable Waters review processes.
- Analysis of Yukon Environmental and Socio-Economic Assessment Act (YESAA), Regulations and Rules and implications for planned developments in Yukon.
- Assistance in preparing submissions to government regarding implications of draft YESAA regulations and rules on environmental assessment of energy projects in Yukon.
- Assistance with drafting and editing proposal to the Executive Committee of the Yukon Environment and Socio-Economic Assessment Board for assessment of Carmacks-Stewart Minto Spur Transmission Project.
- Assistance with review of Project Agreement negotiated between utility and Northern Tutchone First Nations. This included reviewing successive drafts of agreement to ensure provisions were internally consistent as well as consistent with other related agreements.

For Manitoba Hydro (2005-present)

- Provided support during regulatory review process of Keeyask Generation Project, focused on environmental assessment approach.
- Provided support during regulatory review process of Bipole III Transmission Project, focused on environmental assessment approach.
- Legal and regulatory analysis regarding environmental assessment issues such as CEAA, project scoping, significance methodology and review of the Species at Risk Act.

Resource, Regional and Urban Development Projects

For Yukon and Alaska governments (2014)

- Lead consultant for InterGroup's work on the current planning study for Yukon and Alaska to provide Viability Analysis of a South-east Alaska and Yukon Economic Development Corridor.

Legal Aid Manitoba

July - Sept 2004

Winnipeg, Manitoba

Legal Aid Intake

Worked at the Legal Aid Drop-ins Clinic taking Legal Aid applications and

providing members of the public with legal advice on variety of family law, criminal law and civil law issues.

Public Interest Law Centre

Winnipeg, Manitoba

2003 - 2004

Articling Student

- Conducted research and provided legal memos in a variety of areas, including: Constitutional law, Charter of Rights and Freedoms, Aboriginal law, Environmental law, and Administrative and Regulatory law.
- Monitored Clean Environment Commission hearing for Wuskwatim Generation Station and Transmission Project. Responsibilities during the course of the hearing included briefing clients on the contents of the Environmental Impact Statement, briefing clients on the evidence submitted by the hearing's proponents and participants, conducting cross-examination of the project's proponents and providing the Commission with written and oral submissions.
- Researched and wrote three papers.
- Worked as Legal Aid On-call Duty Counsel.
- Worked at the Legal Aid Drop-ins Clinic taking Legal Aid applications and providing members of the public with legal advice on variety of family law, criminal law and civil law issues.

The University of Manitoba

Winnipeg, Manitoba

May 2002 - Jan 2003

Research Assistant

Researched the development of the "Rand Formula" in Canadian Labour law.

The University of Manitoba

Winnipeg, Manitoba

May - Sept 2002

Research Assistant

Surveyed Justice Ivan Rand's written decisions at the Supreme Court of Canada and provided a synopsis of his uses of legal history.

The University of Manitoba

Winnipeg, Manitoba

2002

Volunteer, University Law Centre

Provided members of the public with legal assistance.

PUBLICATIONS:

Byron Williams and Mona Pollitt-Smith, "A Survey of Canadian Cost Awards Models" CAMPUT Annual General Meeting, Gimli, September 7-10, 2003. (Unpublished)

Gerry McNeilly and Mona Pollitt-Smith, "Serving the Needs of the Elder Client: Issues of Language and Culture", 2003 Isaac Pitblado Lectures.

Byron Williams and Mona Pollitt-Smith, "Lawyering for the Public Good: Access to Justice and the Pro Bono Solution" June 2004, Canadian Bar Association Conference.

EDUCATION: Bachelor of Science (Economics), Fergana State University, 2000
Accounting, Qadamjay Business College, 1995

PROFESSIONAL HISTORY:

InterGroup Consultants Ltd.

Winnipeg, Manitoba

2009 – Present

Research Analyst/Research Consultant

- **For Qulliq Energy Corporation**, actively involved in the preparation of Phase I and Phase II of 2010/11 General Rate Application, including preparation of sales and revenue forecast, revenue requirement, amortization and ratebase schedules, Cost of Service analyses, rate design and schedules; provide support in the preparation of Major Project Permit Applications and Fuel Stabilization Rider Application.
- **For Northwest Territories Power Corporation**, support in developing monthly load and revenue forecasts for budget planning; proposed territory-wide levelized rate structure analysis; cost of service comparison and rates analysis between utilities in different jurisdictions; potential mini-hydro projects benefit cost analysis.
- **For Yukon Energy Corporation**, support in preparation of 2009 GRA Phase II application (bill impacts analysis; cost of service review; revenue-cost ratio analysis) and actively involved in preparation of 2012/13 GRA Phase I application; support in budget planning and in preparation of regulatory reports; support in preparation of Yukon Energy's 20-Year Resource Plan update (load forecast update; alternative generation benefit analysis); performed power benefit analysis for Mayo B and Mayo Lake projects; provided support in preparation and review process of LNG project Part III application; support in DCF/ERA application and analysis.
- **For Manitoba Hydro Keeyask GS Project**, KCN communities Population Projection Model support and updates; project employment estimates analysis; Northern Aboriginal employment estimates model updates.
- **For Vale – Regina Potash Project (Saskatchewan)**, compiled an information package, containing review of Saskatchewan electricity

and natural gas market; electricity and rates review and analysis between utilities in different jurisdictions; analytical information on natural gas prices, drilling, production and demand.

- **For Nelson Hydro** of City of Nelson (2014), review a municipality owned utilities' operating and maintenance cost allocations, allocation of expenses and rate base based on cost causation, revenue and revenue requirement analysis by rate classes, review allocation methods and development of a Cost of Service model and draft report. Review profit margins and ROE's for municipality owned utilities across Canada.
- **For Industrial Customers of Newfoundland and Labrador Hydro** (2014-current), support in analysis for Newfoundland Hydro's 2013 GRA, including review of revenue requirement, cost of service, RSP and other proposals, prepare requests for information and pre-filed evidence.
- **For Viability Analysis of a South-East Alaska and Yukon Economic Development Corridor** (2014-current), performing financial and quantitative data analysis and modeling assessments as required to assess the viability of the Skagway-Whitehorse economic development corridor options under relevant load and resource project scenarios.

CSS North America Inc.

Toronto, Ontario

2007 – 2009

Accounting and Sales Manager

- Member of the team that specializes in providing and installation of Intellidyne energy-saving economizers, Hi-Spectrum color corrected fluorescent lamps and Rami woven aluminum thermoshield night blinds. Prepare invoices, controll payments; prepare cheques, collect bills and other expenses, tax accountant support; strategic planning.

State Property Committee

Uzbekistan

2003 - 2007

Economist, Privatization Unit

- Analyzed processes related to denationalization and privatization of state business property; member of the working group for developing and submission for approval to the Government of Uzbekistan of state policy programs drafts on denationalization and privatization of state business; monitored and coordinated implementation of developed programs. Implemented programs targeting elimination of state

business ownership monopoly; development of market based private ownership mechanisms; supporting the development of a new private-business social class; performed property estimates under appropriate evaluation method (expense/revenue/comparative) and organized property sales auctions for potential investors; drafted/reviewed investment agreements and monitored their implementation; analyzed pilot implementation of state policy programs, and prepared regular reports on improvements required.

**Republican Real Estate Exchange
Regional Department**

Uzbekistan

2002 - 2003

Economic Analyst

- Reviewed and analyzed tendering and auction processes; prepared statistical reports on sales/bids trends and variances; performed market evaluation of properties; assisted the management in organizing auctions and tenders.

State Property Committee

Uzbekistan

2000 - 2002

Statistical Analyst

- Performed data collection and analysis of state business property management; developing the methodological basis for legislation on state property management; preparing briefing notes to the Management on state business property management efficiency.

EDUCATION:

Master of Business Administration (MBA) Candidate, major in Finance and Sustainability, Asper School of Business, University of Manitoba, Expected Graduation 2015

Bachelor of Commerce (Honours), major in Actuarial Mathematics, Asper School of Business, University of Manitoba, 2010

Passed Society of Actuaries (SoA) Exam FM/2, 2008

PROFESSIONAL HISTORY:

InterGroup Consultants Ltd.

Winnipeg, Manitoba

April 2010 - Present

Research Consultant

Regulatory and Socio-Economic Involvement

- **For Manitoba Industrial Power Users Group** – Support in the preparation of analysis and evidence for regulatory proceedings and most recently the Needs For and Alternatives To (NFAT) review before Manitoba Public Utilities Board representing large industrial energy users. Support for expert appearances before PUB in revenue requirement, cost of service, rate design, system planning and economic and financial analysis matters. Assist industrial power users with respect to assessing alternative rate structures and surplus energy rates.
- **For Industrial Customers of Newfoundland and Labrador Hydro** – Support in the preparation of technical analysis and evidence for Newfoundland Hydro GRA hearings and the rate stabilization plan application before Newfoundland Board of Commissioners of Public Utilities representing large industrial energy users.
- **For Minaki Cottagers Association** – Reviewed and reported on the possible socio-economic effects of evolving plans to redevelop the former Minaki Lodge site into condominium units with a focus on safety, recreational, cultural and heritage impacts on the existing customers and area. Review of past and comparative developments to establish benchmarks for sizing due to the unorganized territory status of Minaki.
- **For Manitoba Hydro, Proposed Keeyask Generation Project** - assisted in the documentation of Round One of the Public Involvement Process, including creating an issues concordance of Round One public

issues and amended the online tracking database. Assist in the environmental assessment activities necessary for the preparation and implementation of Round Two of the Public Involvement Process including preparing materials, managing logistics and documenting outcomes. Technical, research, and presentation support for the Keeyask Generation Project employment model, assisting with analysis of the economic consequences of the Project. Provide support and research to the Environmental Impact Statement Core document management and executive summary.

- **For Tsay Keh Dene First Nation and Kwadacha First Nation** - prepared analysis on a comparison between existing rates and proposed changes. Technical support, research, writing and development of Community Energy Study. Assist in research, analysis and writing for Tsay Keh Dene and Kwadacha First Nations regarding the consultation process of the potential Site C Clean Energy Project.
- **For Saskatchewan Rate Review Panel** – Support in the analysis and preparation of review reports advising the Saskatchewan Rate Review Panel on commodity and delivery rate applications submitted by SaskEnergy.
- **For Northwest Territories Power Corporation** - technical support in the regards to the filing of General Rate Applications and of the Application to Implement Electricity Rate Policy Guidelines application. Technical support for the preparation of information requests from interveners on application. Support with research, writing, and development for both a report comparing ministerial directives and cost awards in different jurisdictions, and for the potential Taltson Expansion Project including due diligence research on future hydro developments. Technical support for the preparation of the cost of service schedules.

KGS Group



March 6, 2015

File No. 14-1404-002

3rd Floor
865 Waverley Street
Winnipeg,
Manitoba
R3T 5P4
204.896.1209
fax: 204.896.0754
www.ksgroup.com

Yukon Energy Corporation
Box 5920
Whitehorse, Yukon
T Y1A 6S7

ATTENTION: Mr. Ed Mollard
Chief Financial Officer

RE: An Application by Yukon Electrical Company Ltd. and Yukon Energy Corporation to Revise the Diesel Contingency Fund & Related Amendments to Rate Schedule 42 Pertaining to the Energy Reconciliation Adjustment

Dear Mr. Mollard:

This is to confirm that KGS Group was retained by Yukon Energy to provide professional assistance with the above-noted application, including in particular assistance with responses to information requests.

Included with the letter are copies of the CVs of our team who assisted during this process.

If you have any questions, please contact the undersigned.

Sincerely,

A handwritten signature in blue ink, appearing to read 'D MacMillan', written over a light blue rectangular background.

Dave MacMillan, P.Eng.
Principal

DBM/mlb
Enclosure

**EXPERIENCE &
RESPONSIBILITIES**

EDUCATION

**PROFESSIONAL
ASSOCIATIONS**

**EMPLOYMENT
HISTORY**

**PROJECT
EXPERIENCE**

DAVE MACMILLAN, P.ENG.
PRINCIPAL

Mr. MacMillan has over 30 years of experience in the water resources and municipal infrastructure fields. As a Principal and Chief Hydrotechnical Engineer with KGS Group, Mr. MacMillan is responsible for Hydroelectric and Water Resource Projects within the Company. Duties include project management, planning studies, design supervision, design and regulatory approvals of hydroelectric and infrastructure projects. Projects typically range in size up to \$100 Million+.

- **University of Manitoba**
Master of Engineering, Civil Engineering (1984)
- **University of Manitoba**
Bachelor of Science, Civil Engineering (1976)

- Association of Professional Engineers and Geoscientists of Manitoba (APEGM)
- Professional Engineers Ontario (PEO)
- Association of Professional Engineers and Geoscientists of British Columbia
- Association of Professional Engineers and Geoscientists of Saskatchewan (APEGS)
- Association of Professional Engineers of Yukon

- **1986 – Present** Principal / Senior Project Manager, KGS Group
- **1976 – 1986** Hydraulics/ Structural Engineer, Acres Consulting Services

Project Management Hydroelectric and Infrastructure Projects

- **Manitoba Floodway Expansion Project – Manitoba Floodway Authority**
Project Manager responsible for detailed design, Contract Administration and Environmental Compliance for the channel portion of this \$700 Million project.
- **Web Based “Virtual” Flood Manual for the City of Winnipeg – City of Winnipeg**
Project Manager for development of a GIS web based “virtual” Flood Manual for the City of Winnipeg. KGS Group (and UMA Engineering) were responsible for the development of the flood manual, which incorporates procedures for operation of gates/flood pump stations, upgrading primary dikes, construction of secondary dikes and City of Winnipeg flood fighting infrastructure activities.
- **Life Extension of the Winnipeg Floodway Inlet Structure – Manitoba Conservation**
Project Manager for condition assessment, definition of life extension requirements for the structural and mechanical systems for the Winnipeg Floodway Inlet Structure and design/construction of \$6 Million remedial works.
- **Primary Dyke Upgrade Assessment for the City Of Winnipeg – City of Winnipeg**
Project Manager responsible for definition of requirements and development of cost estimates for upgrading the City of Winnipeg Primary Dykes.

DAVE MACMILLAN, P.ENG.

PRINCIPAL

- **Hawthorne Flood Pump Station for the City of Winnipeg – City of Winnipeg**
Project Manager responsible for the preliminary design, final design and construction management of the \$2.5 Million Hawthorne Flood Pumping Station.
- **Flood Pump Station Upgrades for the City Of Winnipeg – City of Winnipeg**
Project Manager responsible for development of the civil, mechanical, electrical and architectural work plan to upgrade the City of Winnipeg thirty-two flood pump stations.
- **Flood Adequacy Review Study – City of Winnipeg**
Project Manager for Flood Adequacy Review Study for flood pump stations in the City of Winnipeg. Work included inspection and hydraulic analyses (SWMM model) for a number of combined sewer districts for the study and project implementation phases.
- **Outfall Condition and Maintenance Assessment – City of Winnipeg (WWD)**
Responsible for hydraulic analyses and development of the condition assessment methodologies for the Outfall Condition and Maintenance assessment.
- **Assiniboine Riverwalk – City of Winnipeg**
Project Manager for preliminary and final design, environmental approvals, and construction supervision of the \$4.5 million Assiniboine Riverwalk. Work included riverbank stabilization, offshore rockfill walkway and docking facilities along the Assiniboine River.
- **Flood Infrastructure Projects – City of Winnipeg**
Coordination of requirements and cost estimate with the Water and Waste Department for the City of Winnipeg flood infrastructure projects. This includes internal drainage, primary dikes, secondary dikes, flood pump stations, waste water isolation and coordination of input to the Water and Waste flood manual.
- **Study of Summer Water Level Control – Province of Manitoba**
Project Manager responsible for a feasibility study of merits of controlling summer water levels in Winnipeg. Assessment included economic assessment of benefits due to reduced basement flood damages and increased tourism in Winnipeg vs. damage to riverbanks and crops upstream.
- **Pointe du Bois Modernization – Manitoba Hydro**
Project Manager for the \$350 million Pointe du Bois Modernization Project for Manitoba Hydro. The project is currently at the preliminary design phase.
- **Mayo B Hydroelectric Project – Yukon Energy Corporation**
Project Manager design and construction phases for the \$120 million Mayo B Hydroelectric Project for Yukon Energy Corporation.
- **Wawaitin Design Build Project – Peter Kiewit Sons’ Inc.**
Project Manager for OPG’s Wawaitin Design Build Project for Peter Kiewit Sons’ Inc. (approximately \$70 Million value).
- **Pointe Du Bois Turbine Unit 1 Replacement Project – City of Winnipeg**
Project Manager for \$14 Million Pointe du Bois turbine unit 1 replacement project, including supervision of design and implementation of the first STRAFLO unit. Work included removal of the existing 3.5 MW double horizontal Frances turbine generators, model studies for the replacement unit and the associated water passage and installation of the new turbine.
- **MW Sechelt Creek – Conwest Exploration**
Project Manager and design supervision for design of the 16 MW Sechelt Creek Hydroelectric Project (300 M Head, Pelton Units) located north of Vancouver, B.C., for Conwest Exploration.

DAVE MACMILLAN, P.ENG.

PRINCIPAL

- **Kelsey G.S. Redevelopment Study – Manitoba Hydro**
Project Manager for Kelsey G.S. Redevelopment Study, Manitoba Hydro. Study of expansion options ranging from 3 to 30 MW.
- **Wabageshik Generating Station Project – Inco**
Project Manager for the assessment of concept alternatives for the expansion of Inco Limited's Wabageshik Generating Station Project.
- **Wawaitin G.S. Study For Life Extension – Ontario Power Generation**
Project manager for OPG's Wawaitin G.S. study for life extension, site evaluation and development of concept alternatives for maintaining, retrofitting, or redeveloping the plant.
- **1200 MW Conawapa Generating Station – Manitoba Hydro**
Project Manager for Stage IV Studies for KGS Group portion of the work, in association with Acres Manitoba.
- **205 MW Wuskwatim G.S. (in Association with Acres Manitoba) – Manitoba Hydro**
Internal technical board of review member for periodic review of the design and technical issues. Principal-in-Charge responsible for schedule, deliverables and quality assurance.
- **Pointe du Bois G.S. Redevelopment, Stage III Studies – Manitoba Hydro**
Project Manager responsible for the Stage III Studies for the redevelopment of the Pointe du Bois Generating Station.
- **Requirements to Upgrade the Pointe Du Bois Generating Station – Winnipeg Hydro**
Project Manager for study of alternatives and definition of requirements to upgrade and modernize the Pointe du Bois Generating Station. The study evaluated the net present value of capital costs, maintenance cost and energy. Recommendations for the plant modernization and implementation plans were based on the economic analyses.
- **Condition Assessment of Point Du Bois Powerhouse – Winnipeg Hydro**
Responsible for the condition assessment and analysis of Winnipeg Hydro's Point du Bois powerhouse, which confirmed problems observed were a result of AAR in concrete. Work included: field assessment, coring, finite element (ANSYS) modelling, in situ stress tests, and establishing a monitoring program.
- **Rehabilitation of the Headworks Structures at Lac Seul Dam – Ontario Power Generation**
Responsible for the rehabilitation of the headworks structures at Lac Seul Dam in Ear Falls, Ontario. The work included detailed investigations condition survey, improvements to spillway capacity and detailed design.
- **Condition Assessment of Ontario Hydro's Manitou Falls – Ontario Power Generation**
Responsible for the analysis and condition assessment of Ontario Hydro's Manitou Falls powerhouse. Work included field assessment, concrete coring, condition survey, finite element (ANSYS) modelling, and definition of the monitoring program.

Design and Analysis of Hydraulic Structures

- **252 MW Nipawin Hydroelectric Project – SaskPower**
Responsible for hydraulic design and structural design for the 252 MW Nipawin Hydroelectric Project.
- **Condition Assessment & Analysis of Pointe du Bois Powerhouse – Winnipeg Hydro**
Responsible for the condition assessment and analysis of Winnipeg Hydro's Point du Bois powerhouse.

DAVE MACMILLAN, P.ENG.

PRINCIPAL

- **Lac Seul Dam in Ear Falls – Ontario Power Generation**
Responsible for the rehabilitation of the headworks structures at Lac Seul Dam in Ear Falls, Ontario.
- **Ontario Hydro’s Manitou Falls Powerhouse – Ontario Power Generation**
Responsible for the AAR finite element analysis and condition assessment of Ontario Hydro’s Manitou Falls powerhouse.
- **1,200 MW Limestone Generating Station – Manitoba Hydro**
Responsible for Hydraulic design and powerhouse civil design for the 1,200 MW Limestone Generating Station, Manitoba Hydro.

Industrial Infrastructure Projects

- **48” Diameter Wood Stave Bypass Line (Kenora) – Boise Cascade**
Preliminary and final design for the replacement of the existing 48” diameter wood stave bypass line. The project requirements included modifications to the existing land drainage system, associated appurtenances and the installation of a new 32” Palmer Bowlus flume and monitoring station.
- **Final Design for Replacing a Section of the Papermill Effluent Forcemain (Fort Frances) – Boise Cascade**
Preliminary and final design for replacing a section of the papermill effluent forcemain. Preliminary engineering included route selection, pipe material selection and establishing system hydraulic grade lines. Final design included detailed drawings for underground piping, a temporary pipe bypass required to facilitate construction and pump station stainless steel piping.
- **Buried Services Replacement Project – Kenora Mill, Stone-Consolidated**
Four million dollar buried services replacement project for existing mill services. Work included numerous “tie-ins” to existing services during Mill shutdowns and/or “on the run”.
- **Mill Upgrade Projects (Kenora and Fort Frances) – Boise Cascade Canada Ltd**
Responsible for design and management of numerous mill upgrade projects varying in size from \$50,000 to \$2,000,000.

Dam Safety/ Failure Modes/ Risk Analysis

Responsible for the following Dam Safety Review projects:

- Project Manager for the Failure Modes and Effects Analyses for the Nipawin and E.B. Campbell Hydroelectric Projects for SaskPower
- Project Manager / Team Leader for the 97 MW Jenpeg G.S. Dam Safety Review, Manitoba Hydro
- Project Manager/ Team Leader for the 215 MW Kelsey G.S. Dam Safety Review, Manitoba Hydro
- Project Manager and Team Leader for the Kelsey G.S. Dam Safety Deficiency Study, Manitoba Hydro
- Project Manager and Team Leader for 250 MW Nipawin, E.B. Campbell, Boundary Dam and Island Falls Generating Stations Dam Safety Reviews, SaskPower
- Project Manager and Team Leader for the Dam Safety/Upgrading of Shellmouth Dam, Prairie Farm Rehabilitation Administration

KGS GROUP

CONSULTING
ENGINEERS

EXPERIENCE & RESPONSIBILITIES

EDUCATION

PROFESSIONAL ASSOCIATIONS

EMPLOYMENT HISTORY

PROJECT EXPERIENCE

FUAD CURI, P.ENG. SENIOR WATER RESOURCES ENGINEER

Mr. Curi has over 19 years of experience in water resources, hydraulics and municipal projects. His experience comprises the design of water supply and sewage systems, channel and hydraulic structures, as well as dam safety, river channel hydraulics, river ice, hydropower, flood protection and harbour design studies.

- **University of Cartagena, Colombia**
Bachelor of Engineering (1995)
- **University of Los Andes, Colombia**
Master of Engineering (1996)
- **University of British Columbia**
Master of Applied Science (2002)

- Professional Engineers Ontario (PEO)
- Association of Professional Engineers and Geoscientists of Manitoba (APEGM)
- Association of Professional Engineers of Yukon

- **2002 – Present** Senior Water Resources Engineer, KGS Group
- **2000 – 2002** The University of British Columbia
- **1996 – 2000** Disecon Ltd, Cartagena, Colombia
- **1994 – 1996** Ingetec S.A., Bogotá, Colombia

Dam Safety

- **Hydraulics and Hydrologic Components for a Dam Safety Review of the Otonabee Dam (Ontario) – Public Works Government Services Canada**
Dam break analyses, dam hazard classification, IDF selection and review of adequacy of discharge capacity. Preparation of inundation maps. Water impoundment review. Application of Parks Canada Directive for Dam Safety and CDA Dam Safety Guidelines.
- **Dam Safety Review Dams and Locks, Upper Kawartha's Sector of the Trent-Severn Waterway (Ontario) – Public Works Government Services Canada**
Dam break analyses, dam hazard classification, IDF selection and review of adequacy of discharge capacity. Preparation of inundation maps. Water impoundment review of four sites in the Kawartha's Sector of the Trent-Severn Waterway, two sites in the Severn River Sector, and one site at the Victoria Road Dam. Application of Parks Canada Directive for Dam Safety and CDA Dam Safety Guidelines.
- **Dam Safety Review Dams and Locks, Lower Rice Sector of the Trent-Severn Waterway (Ontario) – Public Works Government Services Canada**
Dam break analyses, dam hazard classification, IDF selection and review of adequacy of discharge capacity. Preparation of inundation maps. Water impoundment review of four

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sites in the Lower Rice Sector of the Trent-Severn Waterway. Application of Parks Canada Directive for Dam Safety and CDA Dam Safety Guidelines.

- **Dam Safety Review of Eagle River Dam, Wainwright Dam, MacKenzie Falls Dam and Wawatay GS Dam (Ontario) – Regional Power**
Dam break analyses, dam hazard classification, IDF selection and review of adequacy of discharge capacity. Application of Ontario MNR guidelines for dam classification and selection of Inflow Design Flood.
- **Scotch Block Dam (Ontario) – Halton Conservation**
Review of previous Dam Safety Review. Analysis of results from dam break simulations and application of Ontario MNR guidelines for dam classification and selection of Inflow Design Flood.
- **ICC and IDF Assessment for Ivanhoe Lake Dam (Ontario) – Ontario Ministry of Natural Resources**
Directed dam break modeling and estimation of dam breach incremental consequences of the Ivanhoe Lake Dam for preliminary dam classification and assessment of Inflow Design Flood.
- **Dam Safety Review, Talbot Dam & Lock 38, Talbot River Dam and Portage Lock 39 (Ontario) – Public Works Government Services Canada**
Dam break analyses, dam hazard classification, IDF selection and review of adequacy of discharge capacity. Preparation of inundation maps. Water impoundment review of these sites in the Talbot River, part of the Trent-Severn Waterway. Application of Parks Canada Directive for Dam Safety and CDA Dam Safety Guidelines.
- **Dam Safety Review, Drag Lake Dams and Mississauga Lake Dam (Ontario) – Public Works Government Services Canada**
Dam break analyses, dam hazard classification, IDF selection and review of adequacy of discharge capacity. Preparation of inundation maps. Water impoundment review of these sites in the Haliburton Sector of the Trent-Severn Waterway. Application of Parks Canada Directive for Dam Safety and CDA Dam Safety Guidelines.
- **South River Hydrologic Review Remediation Study (Ontario) – Ontario Power Generation**
Dam break analyses and inundation mapping for the Elliott Chute, Bingham Chute and Nipissing GS Dam. Dam classification and Inflow Design Flood definition based on OPG standards and OMNR guidelines (2011 Bulletins). Feasibility level definition of alternatives to increase capacity at the Nipissing GS Dam
- **Nipigon River System Dam Safety Review and FMEA (Ontario) – Ontario Power Generation**
Dam break analysis and dam classification in accordance to OMNR guidelines (2011) and OPG standards for the Summit, Waboose, Pine Portage GS, Alexander GS and Cameron Falls GS Dams.
- **Dam Break Modeling of Dams in the Mississippi River (Ontario) – Ontario Power Generation**
Coordinated dam break modeling, estimation of dam breach incremental consequences and inundation mapping for the Crotch Lake and High Falls Dams, as part of a Dam Safety Review study. Updated analysis to classify the dams in accordance to 2011 OMNR guidelines.
- **Dam Breach Modeling of Dams in the Kaministiquia River (Ontario) – Ontario Power Generation**
Model of breaches of dams in Dog Lake and Kakebeka Falls, hydrodynamic routing of the flood wave and an assessment of dam classification.

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- **Whitehorse Rapids Dam Breach Analysis and Inundation Mapping (Yukon) – Yukon Energy Corporation**
Dam break analyses and inundation mapping for the Whitehorse Rapids Dam. The dam is located on the Yukon River upstream of the City of Whitehorse.
- **Dam Breach Analysis, ICC and IDF of the Nipawin Dam and the E.B. Campbell Dam (Saskatchewan) – SaskPower**
Simulation of Dam Breach. Sensitivity analyses. Estimation of incremental loss of life and economic damages. Incremental Consequence Classification and Inflow Design Flood (IDF) selection. Coordination of inundation mapping. Preparation of Emergency Preparedness and Emergency Response Plans.
- **Dam Breach Analysis, ICC and IDF of the Boundary Dam (Saskatchewan) – SaskPower**
Simulation of Dam Breach. Sensitivity analyses. Estimation of incremental loss of life and economic damages. Incremental Consequence Classification and Inflow Design Flood (IDF) selection. Coordination of inundation mapping preparation.
- **Dam Breach Analysis, ICC and IDF of the Rafferty Dam and the Alameda Dam (Saskatchewan) – Saskatchewan Watershed Authority**
Simulation of Dam Breach. Sensitivity analyses. Estimation of incremental loss of life and economic damages. Incremental Consequence Classification and Inflow Design Flood (IDF) selection. Coordination of inundation mapping preparation.
- **Dam Breach Analysis, ICC and IDF of the Shellmouth Dam (Manitoba) – PFRA**
Simulation of Dam Breach of the Shellmouth Dam in the Assiniboine River, from the dam to Winnipeg, including domino failure of the dam and dykes at the Portage Diversion. Sensitivity analyses. Estimation of incremental loss of life and economic damages. Incremental Consequence Inflow. Coordination of inundation mapping.
- **Dam Breach Analysis, ICC, IDF and ERP for the Minnedosa Dam (Manitoba) – Manitoba Infrastructure and Transportation**
Simulation of Dam Breach of the Minnedosa Dam in the Little Saskatchewan River, from the dam to Rivers, MB. Estimation of incremental loss of life and economic, environmental damages. Incremental Consequence Inflow. Coordination of inundation mapping. Preparation of Emergency Response Plan (ERP) for Manitoba Infrastructure and Transportation.

HydroPower

- **Hydraulic Transient Analyses for Tazi Twé Development (Saskatchewan) – SaskPower**
Evaluation at pre-design level of hydraulic transient requirements and conditions. Analysis of penstock pressures and turbine speeds during various operation conditions, using numerical simulations. Evaluation of frequency stability of the plant. Conceptual design and dimensions of various surge tank options.
- **Hydraulic Transient Analyses New Post Creek Development (Ontario) – Ontario Power Generation**
Evaluation at pre-design level of hydraulic transient requirements and conditions. Analysis of penstock pressures and turbine speeds during various operation conditions, using numerical simulations.
- **Mayo B Generating Station Feasibility Studies (Yukon) – Yukon Energy Corporation**
Evaluation of alternatives, preliminary design of conveyance system, preliminary analysis of hydraulic transient conditions for the proposed Mayo B Generating Station.

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- **Mayo B Generating Station Design of Hydraulic Components and Hydraulic Transients Analysis (Yukon) – Yukon Energy Corporation**
Design of conveyance system, analysis of hydraulic transient conditions for the proposed Mayo B Generating Station. Design of surge tank facilities and tailrace channel.
- **Pointe du Bois Redevelopment – Manitoba Hydro**
Flood frequency analysis, hydraulic modelling and pre-design of the spillway for the redevelopment at preliminary stages. Computational Fluid Dynamics (CFD) model of the powerhouse intakes and approach flows for proof of concept stage of design. Study of Ice conditions on the river, freeboard assessment and rip-rap design.
- **Boundary Dam – SaskPower**
CFD simulation of spillway and approach channel to evaluate discharge capacity at the structure and pressure fluctuations over the spillway crest.
- **Wawaitin Generating Station Hydraulic and Hydraulic Transients Study – Ontario Power Generation**
Hydraulic studies for the new development at the site, including calculation of head losses on the new conveyance system, hydraulic transient analysis, tailrace channel design.
- **Sogamoso Hydroelectric Project – ISA Colombia**
Evaluation of alternatives for diverting the Sogamoso River (average flow 470 m³/s) during the construction of the 800-MW Sogamoso Hydropower Project. Spillway design, design of chute aerators subsequently tested in physical model. Numerical model to assess aggradation and scouring on the Sogamoso River as part of the spillway energy dissipation scheme.
- **Review of the Angliers Hydroelectric Project (Quebec) – Regional Power**
Study of the potential for energy generation in the Ottawa River at Angliers.
- **Deer Lake Hydroelectric Project Optimization (Ontario) – Deer Lake First Nation Community**
Study of the potential for optimizing energy generation in the Severn River at Deer Lake.
- **Development of Energy Resources Planning Model (Yukon) – Yukon Energy Corporation**
Participation in model development to simulate the operation of the YEC generation system, and evaluate alternative additions to the energy generation system for different future load growth scenarios.

Hydraulics - Water Resources

- **Analysis of Discharge Capacity for the Outlet of Mayo Lake (Yukon) – Yukon Energy Corporation**
Evaluation of capacity through the aggraded outlet channel and control structure for Mayo Lake. Evaluation of the merits of excavating the channel with respect to benefits obtained from enhanced energy generation, for a number of future energy demand scenarios.
- **Red River Floodway Expansion Project – Manitoba Floodway Authority**
Preparation of a Hec-Ras model of the Red River from Emerson to St Agathe.
- **Sediment Transport and Deposition on the Red River and the Red River Floodway – Manitoba Floodway Authority**
Preparation of a Hec6 model. Simulations and assessment of tractive forces, sediment deposition and erosion.
- **Analysis of Saskatchewan River Water Levels and Flows – Ducks Unlimited**
Frequency analysis of river flows and bank-full levels to evaluate influence of Lake

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Diefenbaker on the conditions of the Saskatchewan river between Cumberland House and The Pas.

- **Big Grass Marsh Cross Ditch Extension – Manitoba Conservation**
Hydraulic analysis and cost analysis for the Kinosota Diversion, with a flow discharge capacity of 42.5 m³/s.
- **Various Projects – Canadian Pacific Railway**
Design of improvements to culverts along the railway in the Nipigon and Ignace Subdivisions
- **Hydrologic Study of the Rainy Lake Watershed (Fort Frances) – Boise Cascade Corporation**
Hydrologic evaluation of runoff data of the Rainy Lake watershed (38,600 Km²) to assess primary factors on the flood events of June 2002.
- **Water Supply Master Plan – Santafé de Bogotá Colombia.**
Hydraulic evaluation of discharge structures for two dam sites.
- **Harbour of LPG Carrier Boats in Cartagena Bay – Colombian Oil Company**
Co-ordination of civil, electrical and mechanical detail engineering designs.

River Ice

- **Study of Ice Conditions for the Grand River at Caledonia (Ontario) – MMM Group**
Site inspections, river ice simulation, analyses to determine ice conditions for the design of a new bridge over the Grand River, at Argyle St. in Caledonia.
- **Study of Ice Conditions at the New Post Creek Development Site (Ontario) – Ontario Power Corporation**
Site inspections, reports.
- **Study of Ice Conditions on the Mayo River at Mayo (Yukon) – Yukon Energy Corporation**
Site inspections, river ice simulation, analysis and monitoring for the Mayo River. Evaluation of effects of operation of the Mayo B Generating Station on river ice conditions.
- **Study of Ice Conditions at the Heritage Bridge on the Canyon Creek (Yukon) – Yukon Energy Corporation**
Site Inspections and preparation of monitoring. Study of flooding conditions at the bridge and its vicinity, considering increased capacity of the Aishihik Generating Station.
- **Study of Downstream Icing Effects, Yukon River at Whitehorse (Yukon) – Yukon Energy Corporation**
Modeling of winter flows in the Yukon River at Whitehorse. Field tests for model calibration. Analysis of flooding conditions at Whitehorse and alternative solutions.
- **Preparation and Programming of Subroutines for the RIVICE model – In House Program for KGS Group**
Ice Generation and Ice Transport subroutines for incorporation in Environment Canada's hydrodynamic program ONE-D.
- **Manual of River Ice Analysis – Cumulative Environmental Management Association**
Participated in the general review of the manual. Contributed to the sections that describe hydraulic principles of river flow and environmental aspects of river ice.
- **Evaluation of Ice Jam Mitigation Measures on the Red River (Manitoba) – Manitoba Watershed Authority**
Field visit, assistance and discussions with senior consultants about the efforts to mitigate Ice Jam conditions on the lower Red River from Selkirk to Lake Winnipeg.

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Municipal Infrastructure

- **Stormwater Masterplan – City of Regina**
Preparation of hydrologic-hydraulic model. Analysis of level of service, upgrade alternatives and Master Plan financing. Review of water quality issues.
- **Study of effects of urban development on the drainage system of southwest Regina - – City of Regina**
Preparation of hydrologic-hydraulic model. Evaluation of the effects of new subdivisions for several storm scenarios.
- **Analysis of Alternatives Storm Drainage System – University of Manitoba**
Preparation of XP-SWMM model to evaluate the current storm sewer systems and proposed improvements for spring and summer conditions.
- **Assessment of Refurbishment Options for Sewer Collection System (Atikokan, Ontario) – Town of Atikokan**
Coordination of modelling of present conditions with XP-SWMM. Analysis of model results and the effect of alternatives for upgrading the system.
- **Stormwater Management Plans, Various Projects – Various Clients**
Hydrologic model and calculations for the Storm Water Management Plan of the Teleco and CAA buildings in Thunder Bay, ON. Modelled using Miduss 98.

Hydrologic-Hydraulic model and storm water management plan for the Public Works Yard of the City of Kenora, ON. Modelled using Miduss 98.

Hydrologic-Hydraulic model and storm water management plan for the Canadian Tire Store, Fort Frances, ON. Modelled using Miduss 98.
- **Water Supply, Sewage and Storm Water Drainage Systems – La Carolina S.A. Cartagena, Colombia**
Design of water supply, land and sewer drainage systems for a development of 9,100 inhabitants.
- **Water Supply System – Nelson Mandela Town, Cartagena, Colombia**
Design of the water supply system for a town of 11,125 inhabitants.
- **Sewage System – El Pozón Town, Cartagena, Colombia**
Design of the domestic sewer system for a town of 50,000 inhabitants.
- **Domestic Sewer System – Municipality of Cicuco, Colombia**
Design of the sewer drainage system for the township of 15,000 inhabitants.
- **Water Supply Sewage and Storm Water Drainage Systems – Cartagena and Montería, Colombia**
Designs for various subdivisions in Cartagena and Montería, Colombia.

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CONSULTING
ENGINEERS

EXPERIENCE & RESPONSIBILITIES

EDUCATION

RICK CARSON, P.ENG. SENIOR CONSULTANT

Mr. Carson has 42 years of experience in the consulting engineering field and an additional 2 years with hydroelectric utility companies. Clients have included municipalities, small and large utilities, government agencies, and private companies, for water resource projects ranging from micro to mega scales with capital costs in excess of \$7 billion. Mr. Carson is responsible for advisory services in the water resource field and for management of projects that have a major water resource component.

- **University of Manitoba**
Bachelor of Science, Civil Engineering (1970)
- **University of Manitoba**
Master of Science, Civil Engineering, Water Resources Development (1973)

Courses

- **Executive Development Course**
York University, Toronto, Ontario, 1998
- **B.C. Hydro Short Course**
"Is Your Dam Safe Enough?" , Banff, 1995
- **B.C. Hydro Short Course**
"Practical Approaches to Dam Risk Management", Sudbury, 1999
- **Short Course on River Ice Processes**
Committee on River Ice Processes and the Environment, 2011

PROFESSIONAL ASSOCIATIONS

- Association of Professional Engineers and Geoscientists of Manitoba (APEGM)
- Professional Engineers of Ontario (PEO)
- Association of Professional Engineers of Saskatchewan, Licensee (APEGS)
- Canadian Dam Association, Editorial Committee Member for CDA Bulletin (CDA)
- Canadian Geophysical Union, Committee on River Ice and the Environment (CRIPE)

EMPLOYMENT HISTORY

- **2007 – Present** Senior Consultant, KGS Group
- **1999 – 2007** Manager of Water Resources Services, KGS Group
- **1997 – 1999** Senior Consultant, and Manager of Operations, Acres International
- **1977 – 1997** Hydraulic Department Head, Acres International
- **1974 – 1976** Senior Engineer, Crippen Acres

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- 1973 – 1974 Generation Planning Engineer, Montreal Engineering Company (overseas) Limited, Rio de Janeiro, Brazil
- 1973 Engineer, Crippen Acres Limited
- 1972 Generation Planning Engineer, Centrais Electricas de Sao Paulo, Sao Paulo, Brazil
- 1971 Hydraulic Engineer, Manitoba Hydro

PROJECT EXPERIENCE

River Engineering / Ice Engineering

- Advisor to a variety of studies/designs involving river ice processes, including:
 - Upgrades and Expansion of the Portage Diversion, Manitoba
 - Caledonia Bridge, Ontario
 - Mayo B Hydroelectric Project, Yukon
 - Pehonan Hydroelectric project, Saskatchewan
 - Dauphin River Flood Protection, Manitoba
- Member of Panel of Experts for the Lower Churchill Power Development Project, providing expertise in river ice management during construction of a 2500 MW hydroelectric development, for Nalcor (Newfoundland).
- Direction of engineering analysis of ice conditions that have threatened the Canyon Creek Heritage Bridge, and identification of effective mitigation measures, for Yukon Energy Corporation.
- Responsible for field observations and analysis of ice processes that have flooded the Fort William Historical Park at Thunder Bay, for the Ontario Ministry of Tourism. Also identification and conceptual planning of effective mitigation measures.
- Review of the observations of river ice breakup in the Red River in 2009, and analysis of the efficacy of pre-emptive ice cutting / breaking, for Manitoba Water Stewardship.
- Director of studies of the ice in the Yukon River to identify means to safely increase hydroelectric output. This involved development of a hydrodynamic model of the river flow and ice development, and execution of a field test program to confirm the hydraulic modeling (for Yukon Energy Corporation).
- Specialist Consultant providing advice to stakeholder groups including the Town of Peace River, on the potential impacts on their interests from the proposed development of the Dunvegan Dam on the Peace River, Alberta. This will include review of the pending EIA by Glacier Power.
- Specialist Consultant for assessing impacts on the Peace River ice regime due to a proposed hydroelectric dam at Dunvegan, Alberta, for B.C. Hydro and their legal advisors Lawson Lundell Solicitors.
- Leader of analyses of ice jams in the Red River to identify potential adverse impacts that may be caused by the expansion of the Red River Floodway. Findings were verified by the Manitoba Clean Environment Commission and their independent consultants.
- Leader of an initiative to complete the non-proprietary river ice model "RIVICE".
- Preparation of manuals and reports on state-of-the-art in river ice modeling, for Fisheries and Oceans, and the Cumulative Effects Management Association.

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- Technical advisor in studies and field tests of ice conditions in the Yukon River at Whitehorse, for Yukon Energy Corporation.
- Member of the Board of Consultants to New York Power Authority, advising on physical and numerical model studies in a major 7-year study of potential improvements in control of ice jams on the upper Niagara River.
- Responsible for all ice engineering related to planning and design of the Nelson River development including Limestone Generating Station and Conawapa Generating Station, over a period of more than 15 years, for Manitoba Hydro. Involved planning to final design and construction supervision of a variety of river ice management schemes. Included development and supervision of use of a computerized system to plan the control of the hourly outflow from Limestone Generating Station during winter construction periods so that the ice cover could be maintained with minimal risk of collapse and flooding of the construction site.
- Conceptual studies of mitigation schemes to deal with sediment and ice at Walden hydroelectric generating station, for West Kootenay Power.
- Acres representative on a four-company joint venture to develop a non-proprietary computer model of river ice processes, for a group of 13 sponsors.
- Developer of Acres' in-house numerical model "ICESIM" for a variety of clients including Manitoba Hydro, New Brunswick Power Commission and others.
- Technical advisor in a study of operation of St. John River hydro plants during spring ice jams, for New Brunswick Power Commission.
- Adjunct Professor in River Engineering at the University of Manitoba.

Hydroelectric and Hydraulic Structures / Systems

- Responsible for hydrologic analysis and numerical simulations of power / energy production for over 25 hydroelectric plants ranging from 500 kW to 12,800 MW.
- Direction of hydraulic analysis, including 3-D numerical simulation, of alternative energy dissipation facilities for a major spillway at the Conawapa site, for Manitoba Hydro.
- Responsible for the planning and development of a software package for simulation of the Yukon Energy Corporation's hydroelectric/diesel/wind power system, for the purpose of planning future additions to serve a growing load.
- Member of a peer review panel to assess the effectiveness and application of state-of-the-art technologies in planning and analyzing the operation and expansion of the Manitoba Hydro hydroelectric power system.
- Hydraulic/hydrologic analysis in a pre-feasibility study of two hydroelectric dams in Panama, for InterCarib, S.A.
- Management of hydraulic/hydrologic studies of potential storage reservoirs in Belize for Dominion Energy Inc.
- Management and technical direction of the development of a decision support system for a group of three hydro plants and two storage reservoirs in northern Ontario.
- Advisor to Boise Cascade Corporation and International Steering Committee on modification of rule curves for control of Rainy and Namakan Lakes, including estimation of impacts on power generation and management of a study of potential flood damages. Also, supervision of studies of lake inflow forecasting procedures.

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- Directed study to review flood potential and flood management in the Nelson River, including an updated estimate of the probable maximum flood, for Manitoba Hydro.
- Conducted study of improving generation and water management at four hydro stations and two storage reservoirs in the Rainy River watershed, for Boise Cascade (Canada) Ltd.
- Direction of miscellaneous hydraulic and hydrologic studies in flood control and hydroelectric development of various rivers in Saskatchewan, Manitoba and Ontario.
- Acres representative in efficiency testing of three 475 m head generating units using the thermodynamic method at Carhuaquero hydroelectric generating station in northern Peru, for EGENOR S.A.
- Management of hydraulic and hydrologic engineering for construction of a storage reservoir in northern Peru, for EGENOR S.A.
- Development of a corporate strategic alliance between Acres and the Hydraulic Research and Test Facility at the University of Manitoba, to offer commercial hydraulic laboratory testing services. Also preparation of an operating agreement with the University.
- Planning/management of physical hydraulic model of two intake structures for Canon del Pato hydroelectric project for EGENOR of Peru.
- Advisor to Peruvian company, CESEL, on hydrology and hydraulics in a feasibility study and subsequent design of two hydroelectric stations (total of 1200-m head, 180-MW capacity) and a 65-m high embankment dam and storage reservoir in the Rio San Gaban Basin of southern Peru.
- Direction of hydraulic engineering for the feasibility study and final design of a 200-MW hydroelectric plant, a 2000-m³/s spillway, and a 1-km long power canal at the Owen Falls extension on the Victoria Nile River for Uganda Electricity Board.
- Project Engineer for assistance in bid preparation by Kumagai Gumi Co. Ltd. for construction of the Balambano hydroelectric project in Indonesia.
- Responsible for hydraulic engineering during the construction of the 1300-MW Limestone generating station, including planning and implementation of a computerized water level monitoring/control assistance system for diversion of the Nelson River through the spillway, for Manitoba Hydro.
- Planned, implemented and supervised a total of nine physical hydraulic model studies for design purposes of major structures on the Saskatchewan and Nelson rivers. Scales ranged from 1:500 for a river ice model of the Nelson River, to 1:50 for measurement of hydraulic loads and vibration tendency on major spillway gates for the Conawapa hydroelectric generating station.
- Participation in the design of a 23 000-m³/s flip bucket spillway and liaison for three major hydraulic model studies for the Chamera hydroelectric project for the National Hydroelectric Power Corporation of India.
- Direction of hydraulic studies and hydraulic designs of five hydroelectric projects on the Nelson and Burntwood rivers for Manitoba Hydro, ranging from pre-feasibility studies to final design and contract documents.
- Participation in conceptual studies of a conventional spillway and powerhouse compared to an integrated powerhouse for the 1300-MW Limestone generating station on the Nelson River, Manitoba Hydro.

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- Participated in hydraulic designs of structures for diversion of the Churchill River into the Nelson River, including two spillway control structures and a diversion channel, for Manitoba Hydro.
- Direction of hydraulic studies of three hydroelectric projects on the Saskatchewan River and conceptual engineering through final design and construction of the Nipawin hydroelectric project, for Saskatchewan Power Corporation.
- Participated in hydraulic design of a control structure and three excavated channels at the outlet of Lake Winnipeg.
- Adaptation of the Pacific Northwest Power Pool system computer model to the power system of south Brazil for study of the 12 800-MW Itaipu Hydro Plant on the Rio Parana, for Eletrobras.
- Hydraulic planning and economic analysis of Whitesand Dam hydroelectric project, for Peter Ballantyne Cree Nation and Saskatchewan Power Corporation
- Developed a hydrothermal power system simulation computer model for the study of expansion of the 9000-MW power system of south-central Brazil.

Flood Control

- Advisor and Senior Hydraulic Engineer for a study of improving flood protection in the Assiniboine and Lake Manitoba Drainage Basins, for Manitoba Infrastructure and Transportation
- Advisor to the Project Management Consultant working for the Cities of Fargo and Moorhead in the final design of a flood diversion channel around those cities on the Red River
- Manager and Technical Director of a study of flood causes and mitigation at the Fort William Historical Site on the Kaministiquia River in Thunder Bay, Ontario, for the Ontario Ministry of Tourism, including identification of effective changes to the Water Management Plan for the Kaministiquia River.
- Manager of the multi-company Consulting team responsible for the final design and a major part of the contract administration for the channel and related water retaining structures required for the expansion of the Red River Floodway.
- Manager of the Lead Consultant during the Project Definition and Environmental Assessment of the Floodway Expansion, for the Manitoba Floodway Authority
- Manager and Technical Director of a study of two major flood protection options for Winnipeg, under the Canada Manitoba Flood Agreement Committee, and representation at the subsequent Public Meetings.
- Project Manager in a review of flood risks and potential flood damages in Winnipeg, for the International Joint Commission.
- Participation in the development of comprehensive software for the City of Winnipeg to assist planning and coordination of flood-fighting tasks during flood events in Winnipeg. Responsible for the development of a hydraulic simulation model to predict water levels during flood events.
- Hydraulic engineer for a planning study of enhancement of the secondary diking system in Winnipeg, for the City of Winnipeg.

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- Representative of City of Warren, Minnesota, in design and hydraulic analysis of a floodway diversion channel, and a flood control reservoir, design done by the U.S. Natural Resources Conservation Service.
- Technical representative of the City of Grand Forks, North Dakota, in a study of a floodway diversion channel by the U.S. Army Corps of Engineers.
- Management of services for City of Winnipeg in planning/design/construction supervision for emergency dike at St. Norbert during the Red River flood of 1997.
- Supervisor/Advisor on dam break analysis of the Brunkild Dike for the Province of Manitoba during the Red River flood of 1997.
- Leader in a study of hydraulic effects of diking to preserve waterfowl habitat on the upper Columbia River, for Ducks Unlimited.

Project Management

- Project Manager of a study of raising Highway 75 in southern Manitoba without affecting flood passage capability in the adjacent floodplain, for Manitoba Infrastructure and Transportation
- Project Manager for the Project Definition and Environmental Assessment of the Red River Floodway Expansion for the Floodway for the Floodway Authority Inc., providing direction and control of technical assessments by KGS Group and 5 other consulting firms.
- Manager and Technical Director of a study of two major flood protection options for Winnipeg, under the Canada Manitoba Flood Agreement Committee, and representation at the subsequent Public Meetings.
- Manager of feasibility studies of drainage facilities to reduce flood damages in the Big Grassy Marsh area and in the Rat River watershed, for Manitoba Conservation.
- Project Manager in a review of flood risks in Winnipeg, for the International Joint Commission.
- Responsible for budget preparation and monitoring in cooperation with the Regional Manager, computer systems, office procedures and organization, human resources, and other related aspects of the operation of a 70 person engineering office.
- Management of pre-commitment studies of hydroelectric generation stations on the Burntwood River for Manitoba Hydro.
- Responsible for a 1-year period for the management of over 40 technical staff in the Acres Winnipeg office.
- Management of a feasibility study of adding a 100-MW hydroelectric generating station to the existing Notigi control structure on the Rat River, for Manitoba Hydro.
- Management of hydraulic and capital cost estimate studies for two 500-MW hydroelectric generating stations (Birthday/Gull sites) on the Nelson River, for Manitoba Hydro.

Dam Safety

- Hydraulic Engineer for KGS Group's Dam Safety Review of Gardiner Dam and the Qu'Appelle River Dam, for Saskatchewan Watershed Authority.
- Manager of development of emergency preparedness plans for the Minnedosa and St. Malo Dams for Manitoba Water Stewardship.

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- Hydraulic Engineer for KGS Group's Dam Safety Review of the Iroquois Dam on the St. Lawrence River, for Ontario Power Generation.
- Hydraulic Engineer in a multi-disciplinary Failure Modes and Effects Analysis of the Nipawin and E.B. Campbell Hydroelectric Stations and related water retaining structures, for SaskPower.
- Hydraulic engineer for KGS Group's Dam Safety Review Team conducting a dam safety review of the Boundary Dam, for SaskPower.
- Hydraulic engineer for KGS Group's Dam Safety Review Team conducting a dam safety review of the Shellmouth Dam, for the Government of Canada and the Province of Manitoba.
- Manager of Dam Safety Reviews and preparation of Emergency Preparedness Plans for two major dams on the Saskatchewan River, for SaskPower.
- Manager and Technical Director of a study of the potential consequences of dam breaches at dams on the Winnipeg River for Manitoba Hydro.
- Preparation of Emergency Preparedness Manuals and inundation mapping for 6 hydroelectric facilities in Northwestern Ontario for a group of dam owners.
- Management and technical direction of dam safety assessments of seven major dams in northwestern Ontario for Ontario Hydro.
- Supervision and technical direction of hydraulic and hydrologic studies done as part of Manitoba Hydro's Dam Safety Program for the Winnipeg, Saskatchewan, Burntwood and Nelson rivers; included probable maximum flood (PMF) estimations, dam break analyses, flood inundation mapping, and participation in preparation of emergency preparedness plans and public awareness meetings.
- Direction of dam break analyses at Slave Falls and Pointe du Bois generating stations on the Winnipeg River for Winnipeg Hydro.
- Advisor in hydraulic and hydrologic engineering in a series of dam safety reviews of 6 dams on the Kawartha Lakes, Trent and Otonabee Rivers for Parks Canada
- Hydraulic engineer on a Dam Safety Review Team assessing the safety of two dams on the Mississippi River (Ontario) for Ontario Power Generation.

Efficiency Testing of Hydroelectric Turbines

- Chief of Test (In-Flow propeller metering method)
 - Lower Bonnington Powerhouse – Kootenay River (Kootenay Power)
 - Kenora Powerhouse – Winnipeg River (Abitibi-Consolidated)
- Participation in tests using thermodynamic method (with NorConsult for Dominion Energy)
 - Carhuaquero Station, Peru (planning and execution)
 - Canon del Pato, Peru (planning)

Technical Publications

- "Monitoring and Modelling Ice Cover Formation on Highly Flooded and Hydraulically Altered Lake-river System", co-author, CRIPE River Ice Workshop Proceedings, 2013

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