

# Elson Advocacy

July 4, 2024

**BY RESS**

**Nancy Marconi**

Registrar

Ontario Energy Board

2300 Yonge Street, Suite 2700, P.O. Box 2319

Toronto, Ontario M4P 1E4

Dear Ms. Marconi:

**Re: EB-2022-0157 – Enbridge Gas Inc. – Panhandle Regional Expansion Project**

Please see the enclosed revised cost claim of Environmental Defence in the above matter. This has been revised to include the costs for the entire proceeding, including the amounts attributable to the interim costs granted after the proceeding was put into abeyance in accordance with *Procedural Order #5*. The cost claim we filed on May 28 did not include the entire amount of costs as I had not looked back at the previous procedural order from 2023. I apologise for the oversight.

As noted in our original covering letter of May 28, 2024, this cost claim includes the costs for Dr. Heather McDiarmid to update her evidence, prepare for the hearing, and attend the hearing, which amounted to \$5,015 (plus tax). This work was not part of the initial cost estimate for Dr. McDiarmid's evidence. However, the total cost of Dr. McDiarmid's evidence before and after the abeyance still fell within the OEB-approved cost estimate of \$7,000 to \$14,000 for the report, plus 5 to 15% for additional steps.

Yours truly,



Kent Elson

cc: Applicant

## EB-2022-0157 : 2 : Kent Elson

COST CLAIM NUMBER  
2147

SUBMISSION DEADLINE DATE  
May 28, 2024

CLAIM STATUS  
Submitted

EB#  
EB-2022-0157: Facilities: Leave to Construct  
(New): Enbridge Gas Inc.

OTHER EB#S

PHASE #\*  
2

INTERVENOR  
Elson, Kent; +1 (416) 906-7305  
kent@elsonadvocacy.ca

INTERVENOR COMPANY\*  
Environmental Defence Canada  
Inc., Toronto: Corporation

INTERVENOR TYPE  
Full Registrant

HST RATE ONTARIO  
13.00

EXCHANGE RATE

COUNTRY

HST NUMBER  
872151923RT0001

LATE SUBMISSION ALLOWED  
Yes

EXTENSION DEADLINE DATE  
July 05, 2024

### PARTICIPANTS

			Total (\$)	Total Hours	Participant Claim Status
New	Non-Filing Participant First, Last Name	Filing Participant			
No	,	Elson, Kent; +1 (416) 906-7305 kent@elsonadvocacy.ca	39,881.09	121.70	Submitted
No	,	Montgomery, Amanda; +1 (416) 906-7305 amanda@elsonadvocacy.ca	249.73	1.30	Submitted
Yes	Heather , McDiarmid		14,599.61	76.00	Submitted

### ATTACHMENTS

Attachment	Document Type	Import Message
ED_CvrLtrRevisedCostClaim_20240704.pdf	Cover Letter	

TOTAL LEGAL/CONSULTANT/OTHER FEES  
48,434.00

TOTAL DISBURSEMENTS  
0.00

TOTAL HST  
6,296.43

TOTAL CLAIM  
54,730.43

TOTAL AMOUNT AWARDED

TOTAL HOURS CLAIMED  
199.00

TOTAL HOURS DISALLOWED

REASON FOR  
DISALLOWANCE

REASON FOR  
DISALLOWANCE - 2

REASON FOR  
DISALLOWANCE - 3

MAKE CHEQUE PAYABLE TO  
Elson Advocacy

SEND PAYMENT TO ADDRESS  
1062 College Street  
Toronto, Ontario  
M6H1A9

ATTENTION

SUBMIT SECTION

I am a representative of the Party. I have examined all of the documentation in support of this cost claim. The costs incurred and time spent are directly related to the Party's participation in the OEB Process referred to above.

This cost claim does not include any costs for work done, or time spent, by a person that is an employee or officer of the Party as described in section 6.05 and 6.09 of the OEB's Practice Direction on Cost Awards.

The information (fees and disbursements) filed in this cost claim is complete and accurate and in accordance with the OEB's Practice Direction for Cost Awards and Appendix A, the Cost Awards Tariff.

SUBMITTED BY  
Kent Elson

DATE SUBMITTED  
July 04, 2024

<b>CASE</b> EB-2022-0157: Facilities: Leave to Construct (New): Enbridge Gas Inc.	<b>COST CLAIM</b> EB-2022-0157 : 2 : Kent Elson	<b>INTERVENOR NAME</b> Elson, Kent; +1 (416) 906-7305 kent@elsonadvocacy.ca	<b>PARTICIPANT CLAIM STATUS</b> Submitted
<b>FILING PARTICIPANT</b> Elson, Kent; +1 (416) 906-7305 kent@elsonadvocacy.ca	<b>NEW PARTICIPANT</b> No	<b>NON-FILING PARTICIPANT F. NAME</b>	<b>NON-FILING PARTICIPANT L. NAME</b>
<b>SERVICE PROVIDER TYPE*</b> Legal Counsel	<b>YEAR CALLED TO BAR*</b> 2009	<b>COMPLETED YEARS PRACTICING/YEARS OF RELEVANT EXPERIENCE*</b> 14	<b>HOURLY RATE</b> 290
<b>HST RATE CHARGED*</b> 13.00	<b>CV STATUS (FOR CONSULTANT/ANALYST)</b> CV Required	<b>LAST CV DATE</b>	<b>OVERRIDE HOURLY RATE</b> No
<b>HST NUMBER</b> 872151923RT0001	<b>HEARINGS</b> Yes	<b>CONSULTATIONS</b> No	<b>DISBURSEMENTS</b> No

## HEARINGS

Hearings Hours	Hearings Subtotal (\$)	Hearings Total Tax (\$)	Hearings Total (\$)
121.70	35,293.00	4,588.09	39,881.09

<u>Name</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Sub Total</u>	<u>HST Rate</u>	<u>HST</u>	<u>Total</u>
DISCOVERY						
Read and Research Application and Evidence	2.50	290	725.00	13.00	94.25	819.25
Preparation of Interrogatories	11.20	290	3,248.00	13.00	422.24	3,670.24
Review Interrogatory Responses	9.00	290	2,610.00	13.00	339.30	2,949.30
Technical Conference Preparation	3.80	290	1,102.00	13.00	143.26	1,245.26
Technical Conference Attendance	7.50	290	2,175.00	13.00	282.75	2,457.75
Technical Conference Follow-up	2.20	290	638.00	13.00	82.94	720.94
Subtotal of DISCOVERY	36.20		10,498.00		1,364.74	11,862.74
PROCEDURAL						
Preparation of Issues List Submission		290		13.00		
Attendance at Issues List Conference		290		13.00		
Preparation for a Confidentiality Request		290		13.00		
Prepare Submissions on Confidentiality		290		13.00		
Preparation of Motion(s) Materials		290		13.00		
Prepare Submissions on the Motion(s)		290		13.00		
Attendance at Hearing on Motion(s)		290		13.00		
Review Procedural Documents		290		13.00		

<u>Name</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Sub Total</u>	<u>HST Rate</u>	<u>HST</u>	<u>Total</u>
<b>Subtotal of PROCEDURAL</b>	<b>0.00</b>		<b>0.00</b>		<b>0.00</b>	<b>0.00</b>
<b>INTERVENOR EVIDENCE</b>						
Preparation of Intervenor Evidence	6.60	290	1,914.00	13.00	248.82	2,162.82
Interrogatory Responses	4.70	290	1,363.00	13.00	177.19	1,540.19
Preparation of Witness(es) for Attendance at Hearing		290		13.00		
<b>Subtotal of INTERVENOR EVIDENCE</b>	<b>11.30</b>		<b>3,277.00</b>		<b>426.01</b>	<b>3,703.01</b>
<b>SETTLEMENT CONFERENCE</b>						
Preparation for Settlement Conference		290		13.00		
Attendance at Settlement Conference		290		13.00		
Preparation of Settlement Proposal		290		13.00		
Attendance at Presentation to Panel		290		13.00		
<b>Subtotal of SETTLEMENT CONFERENCE</b>	<b>0.00</b>		<b>0.00</b>		<b>0.00</b>	<b>0.00</b>
<b>WRITTEN ARGUMENT</b>						
Written Submissions	28.90	290	8,381.00	13.00	1,089.53	9,470.53
<b>Subtotal of WRITTEN ARGUMENT</b>	<b>28.90</b>		<b>8,381.00</b>		<b>1,089.53</b>	<b>9,470.53</b>
<b>ORAL ARGUMENT</b>						
Preparation for Oral Hearing	20.40	290	5,916.00	13.00	769.08	6,685.08
Attendance at Oral Hearing	18.50	290	5,365.00	13.00	697.45	6,062.45
Oral Submissions		290		13.00		
Attendance at Oral Submissions		290		13.00		
<b>Subtotal of ORAL ARGUMENT</b>	<b>38.90</b>		<b>11,281.00</b>		<b>1,466.53</b>	<b>12,747.53</b>
<b>DECISION</b>						
Review Decision	0.30	290	87.00	13.00	11.31	98.31
Review Rate/Accounting Order		290		13.00		
Prepare Submission on Rate Order		290		13.00		
<b>Subtotal of DECISION</b>	<b>0.30</b>		<b>87.00</b>		<b>11.31</b>	<b>98.31</b>
<b>OTHER</b>						
Other Attendance (e.g., Intervenor Conferences)	6.10	290	1,769.00	13.00	229.97	1,998.97
<b>Subtotal of OTHER</b>	<b>6.10</b>		<b>1,769.00</b>		<b>229.97</b>	<b>1,998.97</b>
<b>TOTAL SERVICE PROVIDER FEES</b>						
<b>Total Service Provider Fees</b>	<b>121.70</b>		<b>35,293.00</b>		<b>4,588.09</b>	<b>39,881.09</b>

## Attachments

<u>Attachment</u>	<u>Document Type</u>	<u>Import Message</u>
EA_InvoiceDockets_20240528.pdf	Time Docket and Invoice	
ElsonAdvocacy_InvoiceAndDockets.pdf	Time Docket and Invoice	

Hearings, Consultations, Disbursements Attachments

<u>Attachment</u>	<u>Document Type</u>	<u>Claim Type</u>	<u>Import Message</u>
EA_InvoiceDockets_20240528.pdf	Time Docket and Invoice	Hearings	
ElsonAdvocacy_InvoiceAndDockets.pdf	Time Docket and Invoice	Hearings	

# Elson Advocacy

## Invoice

Environmental Defence  
33 Cecil Street  
Toronto, ON  
M5T 1N1

May 28, 2024

File #: 0149  
Inv #: 1317

**RE:** Enbridge Panhandle Pipeline Leave to Construct Application

DATE	DESCRIPTION	HOURS	LAWYER
Jul 7, 2023	Review updated application	0.20	KE
Sep 11, 2023	Review updated application and prepare interrogatories	2.70	KE
Oct 6, 2023	Review updated IRRs and undertaking responses; review new IRRs	2.60	KE
Oct 12, 2023	Prepare correspondence to the OEB re hearing, etc; collect updated information for Dr. McDiarmid; various correspondence	1.00	KE
Oct 13, 2023	Various hearing preparation	1.20	KE
Oct 16, 2023	Prepare for hearing	2.00	KE
Oct 17, 2023	Prepare for hearing	0.40	KE
Oct 18, 2023	Prepare for hearing; submit evidence update; various correspondence	0.50	KE
Nov 3, 2023	Review procedural order and diarize dates	0.10	KE
Nov 6, 2023	Review and annotate OGVG evidence	0.30	KE
Nov 7, 2023	Prepare for hearing	0.50	KE
Nov 8, 2023	Prepare for hearing	4.00	KE

Nov 9, 2023	Prepare for hearing	2.30	KE
Nov 10, 2023	Prepare for hearing	5.70	KE
Nov 11, 2023	Prepare for hearing	0.20	KE
Nov 13, 2023	Prepare for hearing (1); attend hearing (6.5)	7.50	KE
Nov 14, 2023	Prepare for hearing (1.8 hrs); attend hearing (7 hrs); review undertaking responses (.4)	9.20	KE
Nov 15, 2023	Attend hearing	5.00	KE
Nov 22, 2023	Review, serve, and file McDiarmid undertaking responses	0.40	KE
Dec 1, 2023	Review evidence and draft submissions	2.20	KE
Dec 4, 2023	Draft submissions	1.50	KE
Dec 5, 2023	Draft submissions	1.00	KE
Dec 7, 2023	Draft submissions	3.50	KE
Dec 8, 2023	Draft submissions	3.00	KE
Dec 11, 2023	Draft submissions	5.00	KE
	Revise submissions	1.00	AM
Dec 14, 2023	Finalize, serve, and file submissions; review various correspondence and submissions	0.70	KE
Jan 29, 2024	Review Enbridge reply	0.40	KE
Jan 30, 2024	Review Enbridge reply; draft correspondence re improper reply and leave for sur-reply	2.00	KE
Jan 31, 2024	Draft sur-reply	2.30	KE
May 14, 2024	Review decision	0.30	KE
	Total Hours and Fees	68.70	\$19,803.00
	Total HST on Fees		\$2,574.39



**TOTALS**

Total Fees & Disbursements	\$19,803.00
Total HST	\$2,574.39
Total Fees, Disbursements, & HST	\$22,377.39

<b>Amount Now Due</b>	<b>\$22,377.39</b>
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HST #	75532 3078 RT0001
Total HST	\$2,574.39

# Elson Advocacy

## Invoice

Environmental Defence  
33 Cecil Street  
Toronto, ON  
M5T 1N1

February 15, 2023

File #: 0149  
Inv #: 1227

**RE:** Enbridge Panhandle Pipeline Leave to Construct Application

DATE	DESCRIPTION	HOURS	LAWYER
Jul 6, 2022	Review Enbridge panhandle application; various correspondence	0.30	KE
Jul 12, 2022	Draft correspondence to A. Montgomery	0.20	KE
	EGI - Panhandle Project - Draft and submit intervention request letter	0.30	AM
Aug 30, 2022	Review PO and diarize deadlines	0.10	KE
Sep 1, 2022	Review application; draft interrogatories	4.20	KE
Sep 14, 2022	Various correspondence	0.10	KE
Sep 23, 2022	Draft correspondence to EGI re access to IRs; draft correspondence to potential expert; various correspondence re intervenor coordination	1.40	KE
Sep 26, 2022	Review IRs; various correspondence	1.70	KE
Sep 27, 2022	Review interrogatories; call with potential expert re geothermal greenhouses; review materials re use of geothermal in greenhouses; various correspondence re intervenor coordination; prepare letter seeking approval of proposed evidence of Dr. McDiarmid	4.00	KE
Oct 3, 2022	Review correspondence from the OEB	2.50	KE

requesting detail re evidence proposal; draft response

Oct 4, 2022	Call with Board Staff re OEB questions; review and finalize letter to the OEB; various correspondence	0.70	KE
Oct 5, 2022	Prepare for technical conference; prepare correspondence responding to EG's objection to Dr. McDiarmid's evidence	3.80	KE
Oct 6, 2022	Attend technical conference	5.30	KE
Oct 7, 2022	Prepare for and attend technical conference	2.20	KE
Oct 14, 2022	Review procedural order and diarize deadlines; various correspondence; call with Dr. McDiarmid (.7)	1.00	KE
Oct 17, 2022	Various correspondence	0.20	KE
Oct 19, 2022	Review undertaking responses; draft correspondence to H. McDiarmid (.1)	0.60	KE
Oct 20, 2022	Review EBO 134; review draft materials from H. McDiarmid (.5)	0.90	KE
Oct 21, 2022	Call with H. McDiarmid	1.00	KE
Oct 25, 2022	Review and comment on Dr. McDiarmid report; correspondence with Dr. McDiarmid	0.50	KE
Oct 26, 2022	Review and comment on report; call with H. McDiarmid	2.80	KE
Oct 28, 2022	Various review and correspondence re finalization of evidence; submit evidence	0.80	KE
Nov 2, 2022	Review Enbridge correspondence; draft response re proper reply and request for underlying spreadsheets	0.40	KE
Nov 3, 2022	Various correspondence	0.30	KE
Nov 14, 2022	Various correspondence; review procedural order and diarize dates	0.40	KE
Nov 15, 2022	Various correspondence	0.40	KE
Nov 18, 2022	Prepare IRs on Enbridge's evidence	2.30	KE

Nov 21, 2022	Review IRs; format responses; prepare expert acknowledgement	0.80	KE
Nov 24, 2022	Various correspondence; review and comment on IRRs	3.00	KE
Nov 25, 2022	Review and comment on IRRs; various correspondence	1.30	KE
Nov 28, 2022	Review EG interrogatory responses; draft follow-up correspondence asking for an answer to an outstanding IR	0.70	KE
Dec 4, 2022	Prepare submissions; various correspondence re intervenor coordination	2.80	KE
Dec 5, 2022	Prepare submissions; various correspondence re intervenor coordination	4.50	KE
Dec 6, 2022	Intervenor meeting	1.20	KE
Dec 8, 2022	Review correspondence from IGUA: draft follow-up correspondence	1.60	KE
	Total Hours and Fees	54.30	\$15,711.00
	Total HST on Fees		\$2,042.43
<b>TOTALS</b>			
	Total Fees & Disbursements		\$15,711.00
	Total HST		\$2,042.43
	Total Fees, Disbursements, & HST		\$17,753.43
<b>Amount Now Due</b>			<b>\$17,753.43</b>

HST # 75532 3078 RT0001  
Total HST \$2,042.43

<b>CASE</b> EB-2022-0157: Facilities: Leave to Construct (New): Enbridge Gas Inc.	<b>COST CLAIM</b> EB-2022-0157 : 2 : Kent Elson	<b>INTERVENOR NAME</b> Elson, Kent; +1 (416) 906-7305 kent@elsonadvocacy.ca	<b>PARTICIPANT CLAIM STATUS</b> Submitted
<b>FILING PARTICIPANT</b> Montgomery, Amanda; +1 (416) 906-7305 amanda@elsonadvocacy.ca	<b>NEW PARTICIPANT</b> No	<b>NON-FILING PARTICIPANT F. NAME</b>	<b>NON-FILING PARTICIPANT L. NAME</b>
<b>SERVICE PROVIDER TYPE*</b> Legal Counsel	<b>YEAR CALLED TO BAR*</b> 2020	<b>COMPLETED YEARS PRACTICING/YEARS OF RELEVANT EXPERIENCE*</b> 3	<b>HOURLY RATE</b> 170
<b>HST RATE CHARGED*</b> 13.00	<b>CV STATUS (FOR CONSULTANT/ANALYST)</b> CV Required	<b>LAST CV DATE</b>	<b>OVERRIDE HOURLY RATE</b> No
<b>HST NUMBER</b> 872151923RT0001	<b>HEARINGS</b> Yes	<b>CONSULTATIONS</b> No	<b>DISBURSEMENTS</b> No

## HEARINGS

Hearings Hours		Hearings Subtotal (\$)		Hearings Total Tax (\$)		Hearings Total (\$)	
1.30		221.00		28.73		249.73	
<u>Name</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Sub Total</u>	<u>HST Rate</u>	<u>HST</u>	<u>Total</u>	
DISCOVERY							
Read and Research Application and Evidence	0.30	170	51.00	13.00	6.63	57.63	
Preparation of Interrogatories		170		13.00			
Review Interrogatory Responses		170		13.00			
Technical Conference Preparation		170		13.00			
Technical Conference Attendance		170		13.00			
Technical Conference Follow-up		170		13.00			
Subtotal of DISCOVERY	0.30		51.00		6.63	57.63	
PROCEDURAL							
Preparation of Issues List Submission		170		13.00			
Attendance at Issues List Conference		170		13.00			
Preparation for a Confidentiality Request		170		13.00			
Prepare Submissions on Confidentiality		170		13.00			
Preparation of Motion(s) Materials		170		13.00			
Prepare Submissions on the Motion(s)		170		13.00			
Attendance at Hearing on Motion(s)		170		13.00			
Review Procedural Documents		170		13.00			

<u>Name</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Sub Total</u>	<u>HST Rate</u>	<u>HST</u>	<u>Total</u>
<b>Subtotal of PROCEDURAL</b>	<b>0.00</b>		<b>0.00</b>		<b>0.00</b>	<b>0.00</b>
<b>INTERVENOR EVIDENCE</b>						
Preparation of Intervenor Evidence		170		13.00		
Interrogatory Responses		170		13.00		
Preparation of Witness(es) for Attendance at Hearing		170		13.00		
<b>Subtotal of INTERVENOR EVIDENCE</b>	<b>0.00</b>		<b>0.00</b>		<b>0.00</b>	<b>0.00</b>
<b>SETTLEMENT CONFERENCE</b>						
Preparation for Settlement Conference		170		13.00		
Attendance at Settlement Conference		170		13.00		
Preparation of Settlement Proposal		170		13.00		
Attendance at Presentation to Panel		170		13.00		
<b>Subtotal of SETTLEMENT CONFERENCE</b>	<b>0.00</b>		<b>0.00</b>		<b>0.00</b>	<b>0.00</b>
<b>WRITTEN ARGUMENT</b>						
Written Submissions	1.00	170	170.00	13.00	22.10	192.10
<b>Subtotal of WRITTEN ARGUMENT</b>	<b>1.00</b>		<b>170.00</b>		<b>22.10</b>	<b>192.10</b>
<b>ORAL ARGUMENT</b>						
Preparation for Oral Hearing		170		13.00		
Attendance at Oral Hearing		170		13.00		
Oral Submissions		170		13.00		
Attendance at Oral Submissions		170		13.00		
<b>Subtotal of ORAL ARGUMENT</b>	<b>0.00</b>		<b>0.00</b>		<b>0.00</b>	<b>0.00</b>
<b>DECISION</b>						
Review Decision		170		13.00		
Review Rate/Accounting Order		170		13.00		
Prepare Submission on Rate Order		170		13.00		
<b>Subtotal of DECISION</b>	<b>0.00</b>		<b>0.00</b>		<b>0.00</b>	<b>0.00</b>
<b>OTHER</b>						
Other Attendance (e.g., Intervenor Conferences)		170		13.00		
<b>Subtotal of OTHER</b>	<b>0.00</b>		<b>0.00</b>		<b>0.00</b>	<b>0.00</b>
<b>TOTAL SERVICE PROVIDER FEES</b>						
<b>Total Service Provider Fees</b>	<b>1.30</b>		<b>221.00</b>		<b>28.73</b>	<b>249.73</b>

## Attachments

<u>Attachment</u>	<u>Document Type</u>	<u>Import Message</u>
EA_InvoiceDockets_20240528.pdf	Time Docket and Invoice	
ElsonAdvocacy_InvoiceAndDockets.pdf	Time Docket and Invoice	

Hearings, Consultations, Disbursements Attachments

<u>Attachment</u>	<u>Document Type</u>	<u>Claim Type</u>	<u>Import Message</u>
EA_InvoiceDockets_20240528.pdf	Time Docket and Invoice	Hearings	
ElsonAdvocacy_InvoiceAndDockets.pdf	Time Docket and Invoice	Hearings	

# Elson Advocacy

## Invoice

Environmental Defence  
33 Cecil Street  
Toronto, ON  
M5T 1N1

May 28, 2024

File #: 0149  
Inv #: 1317

**RE:** Enbridge Panhandle Pipeline Leave to Construct Application

DATE	DESCRIPTION	HOURS	LAWYER
Jul 7, 2023	Review updated application	0.20	KE
Sep 11, 2023	Review updated application and prepare interrogatories	2.70	KE
Oct 6, 2023	Review updated IRRs and undertaking responses; review new IRRs	2.60	KE
Oct 12, 2023	Prepare correspondence to the OEB re hearing, etc; collect updated information for Dr. McDiarmid; various correspondence	1.00	KE
Oct 13, 2023	Various hearing preparation	1.20	KE
Oct 16, 2023	Prepare for hearing	2.00	KE
Oct 17, 2023	Prepare for hearing	0.40	KE
Oct 18, 2023	Prepare for hearing; submit evidence update; various correspondence	0.50	KE
Nov 3, 2023	Review procedural order and diarize dates	0.10	KE
Nov 6, 2023	Review and annotate OGVG evidence	0.30	KE
Nov 7, 2023	Prepare for hearing	0.50	KE
Nov 8, 2023	Prepare for hearing	4.00	KE



Nov 9, 2023	Prepare for hearing	2.30	KE
Nov 10, 2023	Prepare for hearing	5.70	KE
Nov 11, 2023	Prepare for hearing	0.20	KE
Nov 13, 2023	Prepare for hearing (1); attend hearing (6.5)	7.50	KE
Nov 14, 2023	Prepare for hearing (1.8 hrs); attend hearing (7 hrs); review undertaking responses (.4)	9.20	KE
Nov 15, 2023	Attend hearing	5.00	KE
Nov 22, 2023	Review, serve, and file McDiarmid undertaking responses	0.40	KE
Dec 1, 2023	Review evidence and draft submissions	2.20	KE
Dec 4, 2023	Draft submissions	1.50	KE
Dec 5, 2023	Draft submissions	1.00	KE
Dec 7, 2023	Draft submissions	3.50	KE
Dec 8, 2023	Draft submissions	3.00	KE
Dec 11, 2023	Draft submissions	5.00	KE
	Revise submissions	1.00	AM
Dec 14, 2023	Finalize, serve, and file submissions; review various correspondence and submissions	0.70	KE
Jan 29, 2024	Review Enbridge reply	0.40	KE
Jan 30, 2024	Review Enbridge reply; draft correspondence re improper reply and leave for sur-reply	2.00	KE
Jan 31, 2024	Draft sur-reply	2.30	KE
May 14, 2024	Review decision	0.30	KE
	Total Hours and Fees	68.70	\$19,803.00
	Total HST on Fees		\$2,574.39

**TOTALS**

Total Fees & Disbursements	\$19,803.00
Total HST	\$2,574.39
Total Fees, Disbursements, & HST	\$22,377.39

<b>Amount Now Due</b>	<b>\$22,377.39</b>
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HST #	75532 3078 RT0001
Total HST	\$2,574.39

# Elson Advocacy

## Invoice

Environmental Defence  
33 Cecil Street  
Toronto, ON  
M5T 1N1

February 15, 2023

File #: 0149  
Inv #: 1227

**RE:** Enbridge Panhandle Pipeline Leave to Construct Application

DATE	DESCRIPTION	HOURS	LAWYER
Jul 6, 2022	Review Enbridge panhandle application; various correspondence	0.30	KE
Jul 12, 2022	Draft correspondence to A. Montgomery	0.20	KE
	EGI - Panhandle Project - Draft and submit intervention request letter	0.30	AM
Aug 30, 2022	Review PO and diarize deadlines	0.10	KE
Sep 1, 2022	Review application; draft interrogatories	4.20	KE
Sep 14, 2022	Various correspondence	0.10	KE
Sep 23, 2022	Draft correspondence to EGI re access to IRs; draft correspondence to potential expert; various correspondence re intervenor coordination	1.40	KE
Sep 26, 2022	Review IRs; various correspondence	1.70	KE
Sep 27, 2022	Review interrogatories; call with potential expert re geothermal greenhouses; review materials re use of geothermal in greenhouses; various correspondence re intervenor coordination; prepare letter seeking approval of proposed evidence of Dr. McDiarmid	4.00	KE
Oct 3, 2022	Review correspondence from the OEB	2.50	KE

requesting detail re evidence proposal; draft response

Oct 4, 2022	Call with Board Staff re OEB questions; review and finalize letter to the OEB; various correspondence	0.70	KE
Oct 5, 2022	Prepare for technical conference; prepare correspondence responding to EG's objection to Dr. McDiarmid's evidence	3.80	KE
Oct 6, 2022	Attend technical conference	5.30	KE
Oct 7, 2022	Prepare for and attend technical conference	2.20	KE
Oct 14, 2022	Review procedural order and diarize deadlines; various correspondence; call with Dr. McDiarmid (.7)	1.00	KE
Oct 17, 2022	Various correspondence	0.20	KE
Oct 19, 2022	Review undertaking responses; draft correspondence to H. McDiarmid (.1)	0.60	KE
Oct 20, 2022	Review EBO 134; review draft materials from H. McDiarmid (.5)	0.90	KE
Oct 21, 2022	Call with H. McDiarmid	1.00	KE
Oct 25, 2022	Review and comment on Dr. McDiarmid report; correspondence with Dr. McDiarmid	0.50	KE
Oct 26, 2022	Review and comment on report; call with H. McDiarmid	2.80	KE
Oct 28, 2022	Various review and correspondence re finalization of evidence; submit evidence	0.80	KE
Nov 2, 2022	Review Enbridge correspondence; draft response re proper reply and request for underlying spreadsheets	0.40	KE
Nov 3, 2022	Various correspondence	0.30	KE
Nov 14, 2022	Various correspondence; review procedural order and diarize dates	0.40	KE
Nov 15, 2022	Various correspondence	0.40	KE
Nov 18, 2022	Prepare IRs on Enbridge's evidence	2.30	KE

Nov 21, 2022	Review IRs; format responses; prepare expert acknowledgement	0.80	KE
Nov 24, 2022	Various correspondence; review and comment on IRRs	3.00	KE
Nov 25, 2022	Review and comment on IRRs; various correspondence	1.30	KE
Nov 28, 2022	Review EG interrogatory responses; draft follow-up correspondence asking for an answer to an outstanding IR	0.70	KE
Dec 4, 2022	Prepare submissions; various correspondence re intervenor coordination	2.80	KE
Dec 5, 2022	Prepare submissions; various correspondence re intervenor coordination	4.50	KE
Dec 6, 2022	Intervenor meeting	1.20	KE
Dec 8, 2022	Review correspondence from IGUA: draft follow-up correspondence	1.60	KE
	Total Hours and Fees	54.30	\$15,711.00
	Total HST on Fees		\$2,042.43
<b>TOTALS</b>			
	Total Fees & Disbursements		\$15,711.00
	Total HST		\$2,042.43
	Total Fees, Disbursements, & HST		\$17,753.43
<b>Amount Now Due</b>			<b>\$17,753.43</b>

HST # 75532 3078 RT0001  
Total HST \$2,042.43

**Heather McDiarmid**

<b>CASE</b> EB-2022-0157: Facilities: Leave to Construct (New): Enbridge Gas Inc.	<b>COST CLAIM</b> EB-2022-0157 : 2 : Kent Elson	<b>INTERVENOR NAME</b> Elson, Kent; +1 (416) 906-7305 kent@elsonadvocacy.ca	<b>PARTICIPANT CLAIM STATUS</b> Submitted
<b>FILING PARTICIPANT</b>	<b>NEW PARTICIPANT</b> Yes	<b>NON-FILING PARTICIPANT F. NAME</b> Heather	<b>NON-FILING PARTICIPANT L. NAME</b> McDiarmid
<b>SERVICE PROVIDER TYPE*</b> Consultant	<b>YEAR CALLED TO BAR*</b>	<b>COMPLETED YEARS PRACTICING/YEARS OF RELEVANT EXPERIENCE*</b> 6	<b>HOURLY RATE</b> 170
<b>HST RATE CHARGED*</b> 13.00	<b>CV STATUS (FOR CONSULTANT/ANALYST)</b> CV Attached	<b>LAST CV DATE</b> May 28, 2024	<b>OVERRIDE HOURLY RATE</b> Yes
<b>HST NUMBER</b> 872151923RT0001	<b>HEARINGS</b> Yes	<b>CONSULTATIONS</b> No	<b>DISBURSEMENTS</b> No

**HEARINGS**

<b>Hearings Hours</b>	<b>Hearings Subtotal (\$)</b>	<b>Hearings Total Tax (\$)</b>	<b>Hearings Total (\$)</b>			
76.00	12,920.00	1,679.61	14,599.61			
<b><u>Name</u></b>	<b><u>Hours</u></b>	<b><u>Hourly Rate</u></b>	<b><u>Sub Total</u></b>	<b><u>HST Rate</u></b>	<b><u>HST</u></b>	<b><u>Total</u></b>
<b>DISCOVERY</b>						
Read and Research Application and Evidence		170		13.00		
Preparation of Interrogatories		170		13.00		
Review Interrogatory Responses		170		13.00		
Technical Conference Preparation		170		13.00		
Technical Conference Attendance		170		13.00		
Technical Conference Follow-up		170		13.00		
<b>Subtotal of DISCOVERY</b>	<b>0.00</b>	<b>170</b>	<b>0.00</b>		<b>0.00</b>	<b>0.00</b>
<b>PROCEDURAL</b>						
Preparation of Issues List Submission		170		13.00		
Attendance at Issues List Conference		170		13.00		
Preparation for a Confidentiality Request		170		13.00		
Prepare Submissions on Confidentiality		170		13.00		
Preparation of Motion(s) Materials		170		13.00		
Prepare Submissions on the Motion(s)		170		13.00		
Attendance at Hearing on Motion(s)		170		13.00		
Review Procedural Documents		170		13.00		

<u>Name</u>	<u>Hours</u>	<u>Hourly Rate</u>	<u>Sub Total</u>	<u>HST Rate</u>	<u>HST</u>	<u>Total</u>
<b>Subtotal of PROCEDURAL</b>	<b>0.00</b>	<b>170</b>	<b>0.00</b>		<b>0.00</b>	<b>0.00</b>
<b>INTERVENOR EVIDENCE</b>						
Preparation of Intervenor Evidence	51.50	170	8,755.00	13.00	1,138.15	9,893.15
Interrogatory Responses	8.00	170	1,360.00	13.00	176.80	1,536.80
Preparation of Witness(es) for Attendance at Hearing		170		13.00		
<b>Subtotal of INTERVENOR EVIDENCE</b>	<b>59.50</b>	<b>170</b>	<b>10,115.00</b>		<b>1,314.95</b>	<b>11,429.95</b>
<b>SETTLEMENT CONFERENCE</b>						
Preparation for Settlement Conference		170		13.00		
Attendance at Settlement Conference		170		13.00		
Preparation of Settlement Proposal		170		13.00		
Attendance at Presentation to Panel		170		13.00		
<b>Subtotal of SETTLEMENT CONFERENCE</b>	<b>0.00</b>	<b>170</b>	<b>0.00</b>		<b>0.00</b>	<b>0.00</b>
<b>WRITTEN ARGUMENT</b>						
Written Submissions		170		13.00		
<b>Subtotal of WRITTEN ARGUMENT</b>	<b>0.00</b>	<b>170</b>	<b>0.00</b>		<b>0.00</b>	<b>0.00</b>
<b>ORAL ARGUMENT</b>						
Preparation for Oral Hearing	8.25	170	1,402.50	13.00	182.33	1,584.83
Attendance at Oral Hearing	8.25	170	1,402.50	13.00	182.33	1,584.83
Oral Submissions		170		13.00		
Attendance at Oral Submissions		170		13.00		
<b>Subtotal of ORAL ARGUMENT</b>	<b>16.50</b>	<b>170</b>	<b>2,805.00</b>		<b>364.66</b>	<b>3,169.66</b>
<b>DECISION</b>						
Review Decision		170		13.00		
Review Rate/Accounting Order		170		13.00		
Prepare Submission on Rate Order		170		13.00		
<b>Subtotal of DECISION</b>	<b>0.00</b>	<b>170</b>	<b>0.00</b>		<b>0.00</b>	<b>0.00</b>
<b>OTHER</b>						
Other Attendance (e.g., Intervenor Conferences)		170		13.00		
<b>Subtotal of OTHER</b>	<b>0.00</b>	<b>170</b>	<b>0.00</b>		<b>0.00</b>	<b>0.00</b>
<b>TOTAL SERVICE PROVIDER FEES</b>						
<b>Total Service Provider Fees</b>	<b>76.00</b>		<b>12,920.00</b>		<b>1,679.61</b>	<b>14,599.61</b>

## Attachments

<u>Attachment</u>	<u>Document Type</u>	<u>Import Message</u>
invoiceEDNov17.2023.pdf	Time Docket and Invoice	
McDiarmidCV2022.pdf	CV	
invoiceEDFeb7.2023.pdf		

Hearings, Consultations, Disbursements Attachments

<u>Attachment</u>	<u>Document Type</u>	<u>Claim Type</u>	<u>Import Message</u>
invoiceEDNov17.2023.pdf	Time Docket and Invoice	Hearings	
McDiarmidCV2022.pdf	CV	Hearings	
invoiceEDFeb7.2023.pdf		Hearings	



Heather McDiarmid

## INVOICE

INVOICE # 26  
DATE: NOV 17, 2023

**TO:**  
Environmental Defense  
33 Cecil St  
1st Floor  
Toronto, ON  
M5T 1N1

**SHIP TO:**  
Heather McDiarmid

QUANTITY	DESCRIPTION	TOTAL
13	Updating Intervenor Evidence	2210.00
16.5	Hearings	2805.00
SUBTOTAL		5015.00
HST (13%)		651.95
<b>TOTAL DUE</b>		<b>5666.95</b>

Make all checks payable to Heather McDiarmid, e-transfers can be sent to heatheratp2@gmail.com  
If you have any questions concerning this invoice, contact Heather at heatheratp2@gmail.com

**THANK YOU FOR YOUR BUSINESS!**

# Heather McDiarmid, MCC, PhD

heatheratp2@gmail.com

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## Experience

### **Independent Consultant, McDiarmid Climate Consulting**

*Sept 2018 to present*

- Clients have included the Environmental Defense, Ontario Clean Air Alliance, ClimateActionWR, Reep Green Solutions, GreenUP Peterborough, Waterloo Region Community Energy, Conestoga College.
- Prepared evidence for Ontario Energy Board hearings as an expert in residential heating options modelling.
- Developed curriculum materials for an internationally-recognized climate literacy certification program.
- Analyzed the financial and climate mitigation impacts of electrifying Ontario homes using heat pumps for space and water heating.
- Explored a housing archetype-based approach to decarbonizing residential homes in Waterloo Region.
- Conducted a residential retrofit financing program feasibility study to meet FCM requirements.
- Prepared a research-based study of the potential for active transportation hubs and programs to encourage transportation mode shifts in the tri-cities.
- Unearthed and detailed residential carbon mitigation programs and strategies from across North America to inform Toronto's climate action plan.
- Prepared a climate impact analysis and developed an evaluation framework for a non-profit.
- Performed primary and secondary market research on the feasibility of retrofit management.

### **Sustainability Living Lab Coordinator, University of Waterloo**

*Oct 2021 to July 2022*

- Facilitated opportunities for students to apply their skills and knowledge to campus sustainability challenges
- Documented campus work related to the UN Sustainable Development Goals
- Developed resources to support integration of sustainability content in courses and programs

### **Research Associate and Lecturer, University of Waterloo**

*Jun 2020 to present*

- Taught a blended (in person and online) graduate course in Climate Change Mitigation in Fall 2021.
- Worked with local non-profit organizations to provide experiential learning opportunities.
- Invited as a guest lecturer on Climate Change Communications and on Climate Change and Housing.
- Analyzed a database of over 44,000 home energy audit results to explore the emissions impacts of different retrofit and electrification approaches for the residential sector.
- Presented research findings at the International Green Energy Conference, Jul 15-18, 2021.

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**Research Assistant and Writer, University of Waterloo and David Miller**

*Mar 2019 to Apr 2020*

- Investigated municipal programs from around the world that have been successful in cutting carbon emissions, highlighting the most relevant and universally applicable details for a book.
- Advised on structuring the book and collaborated in choosing programs to profile.
- Wrote early drafts of many chapters.
- David Miller, Director of International Diplomacy at C40 Cities, is the author of the book titled Solved: how the world's great cities are fixing the climate crisis.

**Researcher, Clean Air Partnership**

*Apr to Aug 2019*

- Prepared a [toolkit](#) on municipal financing options for residential retrofit programs.
- Completed a 16-week research project in 10 weeks.
- Prepared and presented webinars to municipal representatives.

**Academic Instructor, Wilfrid Laurier University and University of Guelph**

*2002 to 2011*

- Shared a passion for biochemistry with 6-200 students at the 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year levels.
- Researched and developed new course content.
- Explored innovative ways of engaging students.

## Education

- Master of Climate Change, University of Waterloo
- PhD in Biochemistry, University of Guelph

## Leadership in Sustainability

- **Project Lead**, Homeowner's guide to heat pumps for WR
- **Committee Member and Co-Chair**, ClimateAction WR Residential Sector
- **Committee Member**, UW CAP Climate and Energy Working Group

*Jan to Jun 2021*

*Dec 2018 - present  
2019*

# Heather McDiarmid, MCC, PhD

heatheratp2@gmail.com

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## Writing and Publications

- An analysis of the financial and climate benefits of using ground-source heat pumps to electrify Ontario's gas-heated homes, prepared for Ontario Clean Air Alliance
- Carbon Literacy Training, an 8-hour micro-credential prepared for Conestoga College
- [An analysis of the financial and climate benefits of electrifying Ontario's gas-heated homes by installing air-source heat pumps](#), prepared for Ontario Clean Air Alliance
- [Accelerating the 1.5°C energy transition for Canadian residential buildings through selective direct electrification with heat pumps](#). Peer-reviewed article published in Canadian Geographer, July 4, 2022.
- [Analysis of Enbridge Gas' proposed low carbon transition program for cost-effectiveness and climate alignment](#), prepared for Environmental Defense for use in OEB hearings
- [An analysis of the potential for air source heat pumps to reduce energy costs and greenhouse gas pollution](#), prepared for Ontario Clean Air Alliance
- Deep energy efficiency retrofits vs direct electrification for urgent emissions reduction: a case study using 33,780 residential energy profiles in Waterloo, Canada. Presented to the 13<sup>th</sup> International Green Energy Conference Jul 2021.
- [Active Transportation Hubs in Waterloo Region: a research pilot project](#) prepared for ClimateActionWR
- [Aerial thermal imaging and building energy efficiency upgrades in WR: a sustainable buildings pilot, prepared for ClimateActionWR](#)
- [Analysis of the Residential Electrification Potential for the Waterloo Region](#)
- [Residential heat pump water heaters as a climate action for the Waterloo Region](#)
- Deep Energy Residential Retrofit: financing feasibility study for Waterloo Region, prepared for WR Community Energy
- [Accelerating Home Energy Efficiency Retrofits through LIC Programs: a toolkit for municipalities](#) , prepared for Clean Air Partnership
- [Climate Change and the Tree Canopy of Waterloo Region](#)
- [Climate Change and Housing Affordability in Canada](#)

Heather McDiarmid

## INVOICE

INVOICE # 23  
DATE: FEB 7, 2023

**TO:**  
Environmental Defense  
33 Cecil St  
1st Floor  
Toronto, ON  
M5T 1N1

**SHIP TO:**  
Heather McDiarmid

QUANTITY	DESCRIPTION	TOTAL
27.5	Intervener Evidence preparation – panhandle cost modeling	4,675
11.0	Intervener Evidence preparation – greenhouse research	1,870
8.0	Intervener Evidence interrogatory responses – panhandle cost modeling	1,360
SUBTOTAL		7,905
HST (13%)		1,028
<b>TOTAL DUE</b>		<b>8,933</b>

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