



February 20, 2018

BY RESS & Courier

Ms. Kirsten Walli
Board Secretary
Ontario Energy Board
Suite 2700, 2300 Yonge Street
Toronto, Ontario
M4P 1E4

Dear Ms. Walli:

**Re: Union Gas Limited (“Union”)
2018 Bickford Storage Pool Project
Board File # EB-2017-0363**

Further to the interrogatories received in the above noted matter, please find attached two copies of Union’s responses.

Sincerely,

[original signed by]

Shelley Bechard
Administrative Analyst, Regulatory Projects
Encl.

cc: Zora Crnojacki
Nancy Marconi

UNION GAS LIMITED

Answers to Interrogatories from
Board Staff

Interrogatory # 1

Ref: Evidence, pages 14-15 and Schedule 13: “Environmental Protection Plan”

Preamble:

The Environmental Protection Plan (EPP) which covers all facilities in the 2018 Storage Enhancement Project (including wells and pipelines) was submitted to the Ontario Pipeline Coordinating Committee (OPCC) for a review in November, 2017.

Question:

Please file an up to date summary table of all comments received in the OPCC review. Include any other comments received from landowners or other parties.

Response:

In November 2017, Union Gas Limited (Union) completed an Environmental Protection Plan (“EPP”) for the 2018 Dawn Deliverability Project (“the Project”). The EPP was mailed to the Ontario Pipeline Coordinating Committee (“OPCC”), First Nations, and local Agencies as part of the OPCC review process on November 17th, 2017. OPCC comments on the EPP were requested to be directed to Zora Crnojacki of the Ontario Energy Board and Evan Tomek of Union by December 22nd, 2017. A reminder email to submit comments was sent on December 13th, 2017 to OPCC members that had not yet responded.

Comments were received by Union from all OPCC Ministry representatives with the exception of the Ministry of Agriculture, Food, and Rural Affairs, Ministry of Energy (Regulatory and Agency Policy Unit), and the Ministry of Energy (Indigenous Energy Policy).

Attached at Schedule 1 is a summary table as well as the actual comments received in the OPCC review.

OPCC Review Summary

2018 Dawn Deliverability Project

Please see the summary table of all comments received in the OPCC review as well as the complete comments on the following pages:

AGENCY	COMMENT	RESPONSE
Ministry of Natural Resources and Forestry via Adam Kennedy (Aylmer District)	<p>1. Email dated November 21st, 2017 Requested a PDF of the EPP.</p> <p>3. Email dated November 22nd, 2017 Acknowledged receipt of the EPP PDF.</p>	<p>2. Email dated November 21st, 2017 Emailed a PDF of the EPP.</p>
Ministry of Environment and Climate Change via Michael Parkhouse (Sarnia District)	<p>1. Email dated November 23rd, 2017 Requested a site meeting.</p> <p>3. Email dated November 23rd, 2017 Confirmed the meeting time and described meeting purpose.</p>	<p>2. Email dated November 23rd, 2017 Suggested a meeting time and asked about the topics for discussion.</p> <p>4. Email dated November 23rd, 2017 Provided a map of meeting location.</p>
Ministry of Economic Development, Employment, and Infrastructure via Joseph Vecchiolla (OPCC)	<p>2. Email dated November 23rd, 2017 Provided new mailing address.</p> <p>3. Email dated December 28th, 2017 Requested an electronic version of the EPP.</p>	<p>1. Email dated November 23rd, 2017 Requested mailing address confirmation.</p> <p>4. Email dated December 28th, 2017 Provided an electronic version of the EPP.</p>
Ministry of Natural Resources and Forestry via Sally Renwick (OPCC)	<p>1. Email dated November 27th, 2017 Advised that comments would come from Aylmer District.</p>	<p>2. Email dated November 27th, 2017 Acknowledged comments.</p>
County of Lambton/Township of St. Clair via Barry Uitvlugt	<p>1. Email dated December 5th, 2017 Requested an electronic copy of the EPP and asked if Union Gas was in the process of applying to the OEB.</p> <p>3. Email dated December 5th, 2017 Sending the EPP for internal review.</p>	<p>2. Email dated December 5th, 2017 Provided an electronic copy of the EPP and confirmed that Union Gas was in the process of applying to the OEB.</p>
Ministry of Municipal Affairs/Ministry of Housing via Marion-Frances Cabral (OPCC)	<p>1. Email dated December 13th, 2017 Requested an electronic copy of the EPP.</p> <p>3. Email dated December 14th, 2017 No concerns. Advised to continue discussions with MTO and MNRF.</p>	<p>2. Email dated December 14th, 2017 Provided an electronic copy of the EPP.</p> <p>4. Email dated December 15th, 2017 Acknowledged comments.</p>
Ministry of Transportation via Tony Di Fabio (OPCC)	<p>1. Email dated December 13th, 2017 Requested the EPP and letter be re-sent.</p> <p>3. Emailed addressed to Zora Crnojacki (Ontario Energy Board) dated December 19th, 2017</p>	<p>2. Email dated December 13th, 2017 Provided an electronic copy of the EPP and letter.</p> <p>4. Email dated February 13th, 2018 Acknowledged the comments and confirmed</p>

AGENCY	COMMENT	RESPONSE Board Staff.1
	<p>Provided comments pertaining to Union Gas' permitting requirements.</p>	<p>Union Gas would obtain all necessary permits from MTO prior to construction. Page 2 of 53</p>
<p>Ministry of the Environment and Climate Change via Craig Newton (OPCC)</p>	<p>1. Email with attached letter dated December 13th, 2017</p> <p>Recounted the Union Gas site meeting with the MOECC Sarnia District office and provided five comments/questions stemming from the site meeting and EPP review pertaining to the disposal of hydrostatic test liquids, public complaints, spill reporting, dust emissions, and noise emissions.</p> <p>4. Email dated January 11th, 2018</p> <p>Confirmed the responses were acceptable but required clarification as to whether discharge would exceed 10,000 litres of 24 hours during the hydrostatic test.</p> <p>6. Email dated January 11th, 2018</p> <p>Acknowledged the confirmation.</p>	<p>2. Email dated December 13th, 2017</p> <p>Acknowledged comments and advised that the comments would be reviewed internally prior to a formal response.</p> <p>3. Email with attached letter dated January 9th, 2018</p> <p>Responded to the five questions/comments.</p> <p>5. Email dated January 11th, 2018</p> <p>Confirmed the discharge rate would not be exceeded.</p>
<p>Ministry of Tourism, Culture and Sport via Karla Barboza and Brooke Herczeg (OPCC)</p>	<p>2. Email dated December 14th, 2017</p> <p>Asked if the project was in the Bickford Storage Pool.</p> <p>4. Email dated December 14th, 2017</p> <p>Requested a status update on the Archaeological and Cultural Heritage Assessments.</p> <p>6. Email dated December 18th, 2017</p> <p>No further comments.</p>	<p>1. Email dated December 13th, 2017</p> <p>Name was misspelled in the system and reminder email was therefore not delivered.</p> <p>3. Email dated December 14th, 2017</p> <p>Confirmed the project was in the Bickford Storage Pool.</p> <p>5. Email dated December 15th, 2017</p> <p>Provided an update including the Cultural Heritage Memorandum and Archaeological Assessment Approval.</p>
<p>Infrastructure Ontario via Patrick Grace (OPCC)</p>	<p>1. Email dated December 14th, 2017</p> <p>Have not received the EPP.</p>	<p>2. Email dated December 14th, 2017</p> <p>Attached electronic version of the EPP and clarified mailing address.</p>
<p>St. Clair Region Conservation Authority via Sarah Hodgkiss</p>	<p>1. Email dated December 20th, 2017</p> <p>No concerns as the proposed works are not within a SCRCA regulated area.</p> <p>The MNR should review the proposed mitigation measures for the Eastern Foxsnake.</p>	<p>2. Email dated December 20th, 2017</p> <p>The MNR has been sent the proposed mitigation measures for the Eastern Foxsnake to review and comment.</p>
<p>County of Lambton via Ezio Nadalin</p>	<p>1. Email with attached letter dated December 21st, 2017</p> <p>Provided information from the Township of St. Clair and County of Lambton planning documents as it pertains to tree clearing and were satisfied with the proposed mitigation measures</p>	<p>2. Email with attached letter dated January 25th, 2018</p> <p>Responded to all questions asked including committing to ceasing use of two entrances.</p> <p>Confirmed that an Agent on behalf of Union Gas</p>

AGENCY	COMMENT	RESPONSE
	<p>outlined in the EPP and Neegan Burnside’s Species at Risk Report.</p> <p>Inquired about the use of the entrances into the Bickford Storage Pool and stated that permits would be required for any entrance alterations.</p> <p>Requested circulation of any comments received from MTO.</p>	<p>has applied for permits from the County for the entrance alterations.</p> <p>Provided comments received from MTO to date.</p>
<p>Ministry of Natural Resources and Forestry via ESA Aylmer (Aylmer District)</p>	<p>1. Email dated January 22nd, 2018</p> <p>Summarized the proposed project and the potential impacts and proposed mitigation measures related to the Eastern Foxsnake.</p> <p>Stated there is a low likelihood that Section 10 of the Endangered Species Act, 2007 (ESA 2007) will be contravened for the Eastern Foxsnake.</p> <p>Asked several questions to determine if there is potential for section 9 of ESA 2007 to be contravened.</p> <p>Asked what activities have already occurred onsite.</p>	<p>2. Email dated January 23rd, 2018</p> <p>Provided answers to all of the questions asked pertaining to section 9 of ESA 2007.</p>
<p>Technical Standards and Safety Authority via Kourosh Manouchehri (OPCC)</p>	<p>1. Email with attached letter dated January 26, 2018</p> <p>The design criteria meets O.Reg. 210/01 and Oil and Gas Pipeline code adoption document, FS-220-16.</p> <p>The project might be subject to TSSA audit.</p>	<p>2. Email dated January 26th, 2018</p> <p>Acknowledged the TSSA’s review and comments.</p>

Board Staff.1
Schedule 1
Page 3 of 53

Evan Tomek

From: MNRF Ayl Planners (MNRF) <MNRF.Ayl.Planners@ontario.ca>
Sent: November-22-17 9:10 AM
To: Evan Tomek
Subject: RE: [External] Environmental Protection Plan - PDF - 2018 Dawn Delivery Project

Perfect. Thanks Evan.

If we have any questions we will be in touch.

Adam Kennedy

A/District Planner
Aylmer District
Ministry of Natural Resources and Forestry

From: Evan Tomek [<mailto:ETomek@uniongas.com>]
Sent: November 21, 2017 5:15 PM
To: Kennedy, Adam (MNRF)
Subject: RE: [External] Environmental Protection Plan - PDF - 2018 Dawn Delivery Project

Hi Adam,

Thanks for your email – I have attached the Environmental Protection Plan PDF for your review.

Please let me know if you have any questions and I'll be happy to help.

Regards,

Evan Tomek, BES

Environmental Planner *on behalf of*
Union Gas Limited | An Enbridge Company
745 Richmond Street | Chatham, ON N7M 5J5
Tel: 519.436.2460 ext 5236904
Cell: 226.229.9598
email: etomek@uniongas.com



From: Kennedy, Adam (MNRF) [<mailto:Adam.Kennedy@ontario.ca>]
Sent: November-21-17 4:18 PM
To: Evan Tomek
Subject: [External] Environmental Protection Plan - PDF - 2018 Dawn Delivery Project

Hi Evan,

I have received your letter requesting the MNRF, Aylmer District, review and provide comments regarding your Environmental Protection Plan – 2018 Dawn Delivery Project.

If available could you forward a copy of the EPP as a PDF? A couple of people within the office will need to take a look and it's easier to send via email than share the hard copy.

Thanks,

Adam Kennedy

A/District Planner

Aylmer District

Ministry of Natural Resources and Forestry

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Evan Tomek

From: Evan Tomek
Sent: November-23-17 3:43 PM
To: 'Parkhouse, Michael (MOECC)'
Subject: RE: [External] 2018 Dawn Deliverability Project - Environmental Protection Plan

Thanks Michael – that works for me.

I will see you at the Station and meet you at the driveway where I've put a star on the cut out below.

If you have any questions please don't hesitate to ask.

Evan Tomek, BES

Environmental Planner *on behalf of*
Union Gas Limited | An Enbridge Company
745 Richmond Street | Chatham, ON N7M 5J5
Tel: 519.436.2460 ext 5236904
Cell: 226.229.9598
email: etomek@uniongas.com



From: Parkhouse, Michael (MOECC) [<mailto:Michael.Parkhouse@ontario.ca>]
Sent: November-23-17 11:16 AM

To: Evan Tomek

Subject: RE: [External] 2018 Dawn Deliverability Project - Environmental Protection Plan

Hi Evan,

I can meet you Tuesday at 10 am at the proposed Site.

I wanted to see the proposed project Site so that I could get a feel for the mitigation measures in the EPP and to get an understanding of the potential concerns related to construction. Once I have been to the Site I will have a better understanding of the the information provided in the plan.

Many thanks,
Michael

Thank you,

Michael Parkhouse
Senior Environmental Officer
Southwest Region | Sarnia District Office | Operations Division |
Ministry of the Environment and Climate Change
1094 London Road | Sarnia, ON | N7S 1P1
Michael.Parkhouse@ontario.ca | tel: (519) 383-3774

 Please consider the environment before printing this email.

From: Evan Tomek [<mailto:ETomek@uniongas.com>]

Sent: November 23, 2017 10:57 AM

To: Parkhouse, Michael (MOECC)

Subject: Re: [External] 2018 Dawn Deliverability Project - Environmental Protection Plan

Hi Michael,

Thanks for reaching out to discuss the project, and my apologies for not being available by phone - I've been in the field the last couple of days.

I would be happy to meet next week, however I can't meet next Wednesday. Are you able to meet either Tuesday or Thursday next week at 10:00 am?

Is there anything specific you would like to discuss? Just in case the subjects fall under another department I can be ready for our meeting.

Thanks again,

Evan

Sent from my iPhone

On Nov 23, 2017, at 10:24 AM, Parkhouse, Michael (MOECC) <Michael.Parkhouse@ontario.ca> wrote:

Hi Evan,

I received a copy of the Environmental Protection Plan for the 2018 Dawn Deliverability Project requesting the Ministry review and comment on the document.


I have been unable to reach you by telephone but I wanted to reach out to you to arrange a time to meet you at the Bickford Storage Pool next week to see the proposed Site where the construction would occur and to discuss the project.

I am available next Wednesday, November 29th at 10:00 am. Please propose a different time if this is not suitable.

Many thanks,
Michael

Thank you,

Michael Parkhouse
Senior Environmental Officer
Southwest Region | Sarnia District Office | Operations Division |
Ministry of the Environment and Climate Change
1094 London Road | Sarnia, ON | N7S 1P1
Michael.Parkhouse@ontario.ca | tel: (519) 383-3774

 Please consider the environment before printing this email.

Evan Tomek

From: Evan Tomek
Sent: November-23-17 4:11 PM
To: 'Vecchiolla, Joseph (MOI)'
Subject: RE: [External] RE: Mailing Address for Union Gas Project

Thanks Joe – I will forward accordingly.

Evan

From: Vecchiolla, Joseph (MOI) [<mailto:joseph.vecchiolla@ontario.ca>]
Sent: November-23-17 4:09 PM
To: Evan Tomek
Cc: Vecchiolla, Joseph (MOI)
Subject: [External] RE: Mailing Address for Union Gas Project

Yes we moved. We are now at

777 Bay Street, 2nd Floor, Suite 2400
Toronto, ON M5G 2E5

I will let the Coordinator know.

Joe

From: Evan Tomek [<mailto:ETomek@uniongas.com>]
Sent: November 23, 2017 3:54 PM
To: Vecchiolla, Joseph (MOI)
Subject: Mailing Address for Union Gas Project

Hi Joseph,

I recently mailed you an Environmental Protection Plan for Union's proposed 2018 Dawn Deliverability Project to the following address:

777 Bay Street, 4th Floor, Suite 425
Toronto, ON M5G 2E5

I was informed that construction was going on at the building and you were not currently at that location. What is your current address so I can ensure you receive the report?

Thanks,

Evan Tomek, BES

Environmental Planner *on behalf of*
Union Gas Limited | An Enbridge Company
745 Richmond Street | Chatham, ON N7M 5J5
Tel: 519.436.2460 ext 5236904
Cell: 226.229.9598
email: etomek@uniongas.com



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Evan Tomek

From: Evan Tomek
Sent: December-28-17 1:25 PM
To: 'Vecchiolla, Joseph (MOI)'
Subject: RE: [External] 2018 Dawn Deliverability Project
Attachments: 2018_DawnDeliverability_EPP.pdf

Hi Joe,

I have attached an e-version of the EPP for your review and comment.

Thanks and please let me know if you have any questions.

Evan Tomek, BES

Environmental Planner *on behalf of*
Union Gas Limited | An Enbridge Company
745 Richmond Street | Chatham, ON N7M 5J5
Tel: 519.436.2460 ext 5236904
Cell: 226.229.9598
email: etomek@uniongas.com



From: Vecchiolla, Joseph (MOI) [<mailto:joseph.vecchiolla@ontario.ca>]
Sent: December-28-17 12:13 PM
To: Evan Tomek
Subject: [External] 2018 Dawn Deliverability Project

Hello.

I am a member of the Pipelines Coordinating Committee.

Although I have a hard copy of the Environmental Protection Plan for the above project, is an e-version available on your website? I have not been able to locate any info on this project.

Thanks for your help.

Joe Vecchiolla
Policy Lead
Realty Policy Branch
Realty Division
Ministry of Infrastructure
777 Bay Street, 2nd Fl Suite 2300
Toronto Ont M5G 2E5
Tel: 647-267-3247

Evan Tomek

From: Evan Tomek
Sent: November-27-17 11:18 AM
To: 'Renwick, Sally (MNRF)'
Cc: MNRF Ayl Planners (MNRF)
Subject: RE: [External] Union Gas Limited - 2018 Dawn Deliverability Protect

Thank you for the email Sally.

All future correspondence for this project will be with Aylmer District.

Regards,

Evan Tomek, BES

Environmental Planner *on behalf of*
Union Gas Limited | An Enbridge Company
745 Richmond Street | Chatham, ON N7M 5J5
Tel: 519.436.2460 ext 5236904
Cell: 226.229.9598
email: etomek@uniongas.com



From: Renwick, Sally (MNRF) [<mailto:sally.renwick@ontario.ca>]
Sent: November-27-17 10:27 AM
To: Evan Tomek
Cc: MNRF Ayl Planners (MNRF)
Subject: [External] Union Gas Limited - 2018 Dawn Deliverability Protect

Hi Evan,

Could you please remove me from the mailing list for the above referenced project? MNRF comments will come from Aylmer District, if they have any to provide.

Thanks,
Sally Renwick
Team Lead, Environmental Planning
(t) 705-755-5195

Please Note: As part of providing accessible customer service, please let me know if you have any accommodation needs or require communication supports or alternate formats.

Evan Tomek

From: Barry Uitvlugt <buitvlugt@stclairtownship.ca>
Sent: December-05-17 2:30 PM
To: Evan Tomek
Subject: RE: [External] 2018 dawn deliverability project

Thanks

I will send this to the appropriate people for a quick response.

sincerely

Barry Uitvlugt, BES Township/County Senior Planner
Planning and Development Services Department

Township of St. Clair hours Monday, Tuesday and Thursday

buitvlugt@stclairtownship.ca

County of Lambton hours Wednesday and Friday

Barry.uitvlugt@county-lambton.on.ca

From: Evan Tomek [<mailto:ETomek@uniongas.com>]
Sent: December-05-17 2:28 PM
To: Barry Uitvlugt
Cc: Ezio Nadalin; Carlie McClemens; Ben Puzanov
Subject: RE: [External] 2018 dawn deliverability project

Hi Barry,

I have attached an electronic copy of the EPP for you.

We are also in the process of applying to the OEB and are finalizing our application.

If you have any more questions please don't hesitate to ask.

Thanks,

Evan Tomek, BES

Environmental Planner *on behalf of*
Union Gas Limited | An Enbridge Company
745 Richmond Street | Chatham, ON N7M 5J5
Tel: 519.436.2460 ext 5236904
Cell: 226.229.9598
email: etomek@uniongas.com



From: Barry Uitvlugt [<mailto:buitvlugt@stclairtownship.ca>]
Sent: December-05-17 2:21 PM
To: Evan Tomek
Cc: Ezio Nadalin; Carlie McClemens; Ben Puzanov
Subject: [External] 2018 dawn deliverability project

Hello Evan Tomek

Would you have an electronic copy of the environmental protection plan that you could email me.
Also are you in the process of applying to the OEB?
sincerely

Barry Uitvlugt, BES Township/County Senior Planner
Planning and Development Services Department

Township of St. Clair hours Monday, Tuesday and Thursday

buitvlugt@stclairtownship.ca

County of Lambton hours Wednesday and Friday

Barry.uitvlugt@county-lambton.on.ca

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Evan Tomek

From: Evan Tomek
Sent: December-15-17 8:14 AM
To: 'Cabral, Marion-Frances (MMA/MHO)'
Subject: RE: [External] RE: UGL 2018 Dawn Deliverability Project Review

Thanks Marion. Your comments are received and noted.

Evan Tomek, BES

Environmental Planner *on behalf of*
Union Gas Limited | An Enbridge Company
745 Richmond Street | Chatham, ON N7M 5J5
Tel: 519.436.2460 ext 5236904
Cell: 226.229.9598
email: etomek@uniongas.com



From: Cabral, Marion-Frances (MMA/MHO) [<mailto:Marion-Frances.Cabral@ontario.ca>]
Sent: December-14-17 4:41 PM
To: Evan Tomek
Subject: RE: [External] RE: UGL 2018 Dawn Deliverability Project Review

Hi Evan – thank you for sending me a copy. Municipal Affairs does not have any concerns but will advise you to continue discussions with MTO and MNRF.

Thanks,
Marion

**Marion-Frances Cabral, BURPI
Planner**

Municipal Services Office - West
Ministry of Municipal Affairs



From: Evan Tomek [<mailto:ETomek@uniongas.com>]
Sent: December-13-17 2:53 PM
To: Cabral, Marion-Frances (MMA/MHO)
Subject: RE: [External] RE: UGL 2018 Dawn Deliverability Project Review

Hi Marion,

Thank you for your response and attention to the project.
I have attached the e-copy of the EPP for your review.

Please let me know if you have any questions.

Thanks again,

Evan

From: Cabral, Marion-Frances (MMA/MHO) [<mailto:Marion-Frances.Cabral@ontario.ca>]

Sent: December-13-17 2:44 PM

To: Evan Tomek

Subject: [External] RE: UGL 2018 Dawn Deliverability Project Review

Hi Evan,

Do you have a e-copy of the EPP for the Dawn Deliverability Project? I don't suspect that Municipal Affairs will have any comments but I would like to review it. Thanks.

Marion

Marion-Frances Cabral, BURPI

Planner

Municipal Services Office - West

Ministry of Municipal Affairs



From: Oliver, Scott (MMA/MHO)

Sent: December-13-17 2:41 PM

To: Cabral, Marion-Frances (MMA/MHO)

Subject: FW: UGL 2018 Dawn Deliverability Project Review

From: Evan Tomek [<mailto:ETomek@uniongas.com>]

Sent: December 13, 2017 2:31 PM

To: Pim, Linda (OMAFRA); carla.barboza@ontario.ca; Di Fabio, Tony (MTO); kmanouchehri@tssa.org; Spence Lair, Marlo (ENERGY); Schlag, Michelle (MIRR); Lafrance, Crystal (MOECC); Patrick.Grace@infrastructure.ca; Vecchiolla, Joseph (MOI); Oliver, Scott (MMA/MHO)

Cc: zora.crnojacki@ontarioenergyboard.ca

Subject: UGL 2018 Dawn Deliverability Project Review

Good Afternoon,

I am emailing you regarding the Environmental Protection Plan and corresponding letter dated November 17, 2017 I mailed to the OPCC for Union Gas Limited's 2018 Dawn Deliverability Project, filed with the Ontario Energy Board on December 7, 2017. We have requested that the report is reviewed and comments provided to Zora Crnojacki of the Ontario Energy Board and myself by December 22nd, 2017. Please advise us if you have no comments or provide any comments you may have by this date.

Thanks,

Evan Tomek, BES

Environmental Planner *on behalf of*
Union Gas Limited | An Enbridge Company
745 Richmond Street | Chatham, ON N7M 5J5
Tel: 519.436.2460 ext 5236904
Cell: 226.229.9598
email: etomek@uniongas.com



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Evan Tomek

From: Evan Tomek
Sent: December-13-17 3:32 PM
To: 'Di Fabio, Tony (MTO)'
Subject: RE: [External] RE: UGL 2018 Dawn Deliverability Project Review
Attachments: 2018_DawnDeliverability_EPP.pdf; Notice to MTO.pdf

Hi Tony,

Here are copies of the plan and letter as requested.
Please let me know if you have any questions.

Thanks,

Evan Tomek, BES

Environmental Planner *on behalf of*
Union Gas Limited | An Enbridge Company
745 Richmond Street | Chatham, ON N7M 5J5
Tel: 519.436.2460 ext 5236904
Cell: 226.229.9598
email: etomek@uniongas.com



From: Di Fabio, Tony (MTO) [<mailto:Tony.DiFabio@ontario.ca>]
Sent: December-13-17 3:27 PM
To: Evan Tomek
Subject: [External] RE: UGL 2018 Dawn Deliverability Project Review

Hi, can you please resend the plan and letter.

Tony Di Fabio
Team Lead
Highway Corridor Management Section, Head Office
Ministry of Transportation

Tel. (905) 704-2656



From: Evan Tomek [<mailto:ETomek@uniongas.com>]
Sent: December-13-17 2:31 PM
To: Pim, Linda (OMAFRA); carla.barboza@ontario.ca; Di Fabio, Tony (MTO); kmanouchehri@tssa.org; Spence Lair, Marlo (ENERGY); Schlag, Michelle (MIRR); Lafrance, Crystal (MOECC); Patrick.Grace@infrastructure.ca; Vecchiolla, Joseph

(MOI); Oliver, Scott (MMA/MHO)

Cc: zora.crnojacki@ontarioenergyboard.ca

Subject: UGL 2018 Dawn Deliverability Project Review

Good Afternoon,

I am emailing you regarding the Environmental Protection Plan and corresponding letter dated November 17, 2017 I mailed to the OPCC for Union Gas Limited's 2018 Dawn Deliverability Project, filed with the Ontario Energy Board on December 7, 2017. We have requested that the report is reviewed and comments provided to Zora Crnojacki of the Ontario Energy Board and myself by December 22nd, 2017. Please advise us if you have no comments or provide any comments you may have by this date.

Thanks,

Evan Tomek, BES

Environmental Planner *on behalf of*

Union Gas Limited | An Enbridge Company

745 Richmond Street | Chatham, ON N7M 5J5

Tel: 519.436.2460 ext 5236904

Cell: 226.229.9598

email: etomek@uniongas.com



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Evan Tomek

From: Evan Tomek
Sent: February-13-18 8:46 AM
To: 'Di Fabio, Tony (MTO)'
Subject: RE: [External] FW: UGL 2018 Dawn Deliverability Project Review

Hi Tony,

My apologies for not seeing to this earlier – thank you for your review of the 2018 Dawn Deliverability Project and the associated comments.

Union Gas will obtain the necessary B/LU permits from MTO prior to construction.

Thanks again,

Evan Tomek, BES

Environmental Planner *on behalf of*
Union Gas Limited | An Enbridge Company
745 Richmond Street | Chatham, ON N7M 5J5
Tel: 519.436.2460 ext 5236904
Cell: 226.229.9598
email: etomek@uniongas.com



From: Di Fabio, Tony (MTO) [<mailto:Tony.DiFabio@ontario.ca>]
Sent: December-19-17 1:53 PM
To: Zora Crnojacki
Cc: Evan Tomek
Subject: [External] FW: UGL 2018 Dawn Deliverability Project Review

Good afternoon Zora,

MTO does not have any immediate concerns with the above noted, although we do offer some general comments for your consideration:

- No direct access from Hwy 40 will be permitted.
- The proponents will require Building and Land Use permits from MTO for any proposed construction within 45m of the Hwy 40 property limit, and within 395m of the centerpoint of the intersection of Highway 40 and Bentpath Line.
- More detailed comments may be provided upon receiving detailed site plans for review, as part of the application for the B/LU permits.

Thank you.

Tony Di Fabio

Team Lead
Highway Corridor Management Section, Head Office
Ministry of Transportation

Tel. (905) 704-2656



From: Evan Tomek [<mailto:ETomek@uniongas.com>]

Sent: December-13-17 2:31 PM

To: Pim, Linda (OMAFRA); carla.barboza@ontario.ca; Di Fabio, Tony (MTO); kmanouchehri@tssa.org; Spence Lair, Marlo (ENERGY); Schlag, Michelle (MIRR); Lafrance, Crystal (MOECC); Patrick.Grace@infrastructure.ca; Vecchiolla, Joseph (MOI); Oliver, Scott (MMA/MHO)

Cc: zora.crnojacki@ontarioenergyboard.ca

Subject: UGL 2018 Dawn Deliverability Project Review

Good Afternoon,

I am emailing you regarding the Environmental Protection Plan and corresponding letter dated November 17, 2017 I mailed to the OPCC for Union Gas Limited's 2018 Dawn Deliverability Project, filed with the Ontario Energy Board on December 7, 2017. We have requested that the report is reviewed and comments provided to Zora Crnojacki of the Ontario Energy Board and myself by December 22nd, 2017. Please advise us if you have no comments or provide any comments you may have by this date.

Thanks,

Evan Tomek, BES

Environmental Planner *on behalf of*

Union Gas Limited | An Enbridge Company

745 Richmond Street | Chatham, ON N7M 5J5

Tel: 519.436.2460 ext 5236904

Cell: 226.229.9598

email: etomek@uniongas.com



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Evan Tomek

From: Newton, Craig (MOECC) <Craig.Newton@ontario.ca>
Sent: January-11-18 2:29 PM
To: Evan Tomek
Cc: zora.Crnojacki@ontarioenergyboard.ca; Parkhouse, Michael (MOECC); Lafrance, Crystal (MOECC); Michael Learn; Mohamed Soliman; Bill Wachsmuth; Eckert, Anneleis (MOECC); Harris, Michael (MOECC)
Subject: RE: [External] MOECC Comments - Union Gas 2018 Dawn Deliverability Project Environmental Protection Plan , Dated November 2017

Evan:

Thank you for the confirmation.

Craig Newton
Regional Environmental Planner / EA Coordinator
Ministry of the Environment & Climate Change
Southwestern Region
(519) 873-5014

From: Evan Tomek [mailto:ETomek@uniongas.com]
Sent: January-11-18 2:24 PM
To: Newton, Craig (MOECC)
Cc: zora.Crnojacki@ontarioenergyboard.ca; Harris, Mark (MOECC); Parkhouse, Michael (MOECC); Lafrance, Crystal (MOECC); Michael Learn; Mohamed Soliman; Bill Wachsmuth; Eckert, Anneleis (MOECC)
Subject: RE: [External] MOECC Comments - Union Gas 2018 Dawn Deliverability Project Environmental Protection Plan , Dated November 2017

Hi Craig,

Thank you for your response.

The discharge rate will not exceed 10,000 litres over the course of a 24 hour period.

If you have any further questions or concerns please let me know.

Thanks,

Evan Tomek, BES

Environmental Planner *on behalf of*
Union Gas Limited | An Enbridge Company
745 Richmond Street | Chatham, ON N7M 5J5
Tel: 519.436.2460 ext 5236904
Cell: 226.229.9598
email: etomek@uniongas.com



From: Newton, Craig (MOECC) [<mailto:Craig.Newton@ontario.ca>]

Sent: January-11-18 12:00 PM

To: Evan Tomek

Cc: zora.Crnojacki@ontarioenergyboard.ca; Harris, Mark (MOECC); Parkhouse, Michael (MOECC); Lafrance, Crystal (MOECC); Michael Learn; Mohamed Soliman; Bill Wachsmuth; Eckert, Anneleis (MOECC)

Subject: FW: [External] MOECC Comments - Union Gas 2018 Dawn Deliverability Project Environmental Protection Plan , Dated November 2017

Good Morning Evan:

This e-mail acknowledges this ministry's receipt of Union Gas's immediately preceding e-mail of January 9th, 2018, and accompanying attachment letter, also dated January 9th, 2018, with thanks. The preceding e-mail and letter attachment is Union Gas's response to MOECC's previous letter of December 13th, 2017.

MOECC staff have reviewed Union Gas's attached letter of January 9th, 2018. Please be advised that Items number 2 through and including 5 are acceptable to this ministry.

However, for Item 1, if the discharge of the municipally sourced water to be used for the pressure tests exceeds 10,000 litres over the course of a 24 hour period Union Gas is required by section 53 of the Ontario Water Resources Act to obtain an Environmental Compliance Approval from this ministry. Will the discharge rate exceed this threshold?

Thanks in advance for Union Gas's written response to this e-mail as described herein.

Yours truly,

Craig Newton
Regional Environmental Planner / Regional EA Coordinator
Ministry of the Environment & Climate Change
Southwestern Region
(519) 873-5014

From: Evan Tomek [<mailto:ETomek@uniongas.com>]

Sent: January-09-18 2:10 PM

To: Newton, Craig (MOECC)

Cc: zora.Crnojacki@ontarioenergyboard.ca; Harris, Michael (MOECC); Parkhouse, Michael (MOECC); Lafrance, Crystal (MOECC); Michael Learn; Mohamed Soliman; Bill Wachsmuth

Subject: RE: [External] MOECC Comments - Union Gas 2018 Dawn Deliverability Project Environmental Protection Plan , Dated November 2017

Hi Craig,

Please see attached Union Gas' response to your comments on the letter dated December 13th, 2017 concerning the proposed 2018 Dawn Deliverability Project.

Thank you again for your interest in the project and if you have any questions or concerns please let me know.

Thanks,

Evan Tomek, BES

Environmental Planner *on behalf of*
Union Gas Limited | An Enbridge Company
745 Richmond Street | Chatham, ON N7M 5J5
Tel: 519.436.2460 ext 5236904
Cell: 226.229.9598
email: etomek@uniongas.com



From: Evan Tomek
Sent: December-13-17 2:46 PM
To: 'Newton, Craig (MOECC)'
Cc: zora.Crnojacki@ontarioenergyboard.ca; Harris, Michael (MOECC); Parkhouse, Michael (MOECC); Lafrance, Crystal (MOECC); Michael Learn
Subject: RE: [External] MOECC Comments - Union Gas 2018 Dawn Deliverability Project Environmental Protection Plan , Dated November 2017

Hi Craig,

Thank you for your review and comments re: the 2018 Dawn Deliverability Project Environmental Protection Plan. I will circulate your comments internally and provide responses when they are available.

Thanks again,

Evan Tomek, BES

Environmental Planner *on behalf of*
Union Gas Limited | An Enbridge Company
745 Richmond Street | Chatham, ON N7M 5J5
Tel: 519.436.2460 ext 5236904
Cell: 226.229.9598
email: etomek@uniongas.com



From: Newton, Craig (MOECC) [<mailto:Craig.Newton@ontario.ca>]
Sent: December-13-17 2:38 PM
To: Evan Tomek
Cc: zora.Crnojacki@ontarioenergyboard.ca; Harris, Michael (MOECC); Parkhouse, Michael (MOECC); Lafrance, Crystal (MOECC); mlearn@uniongas.com
Subject: [External] MOECC Comments - Union Gas 2018 Dawn Deliverability Project Environmental Protection Plan , Dated November 2017

Mr. Tomek:

Please find attached the MOECC's response to Union Gas's request that this ministry review and comment on Union Gas's 2018 Dawn Deliverability Project Environmental Protection Plan, dated November 2017. As per your direction, I have copied Ms. Zora Crnojacki of the Ontario Energy

Board of same. Please note that this serves as the ministry's formal correspondence and will only be delivered via this e-mail.

Yours truly,

Craig Newton
Regional Environmental Planner / EA Coordinator
Ministry of the Environment & Climate Change
Southwestern Region
(519) 873-5014

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Ministry of the Environment
and Climate Change

Ministère de l'Environnement
et de l'Action en matière de
changement climatique

733 Exeter Road
London ON N6E 1L3
Tel: 519 873-5000
Fax: 519 873-5020

733, rue Exeter
London ON N6E 1L3
Tél.: 519 873-5000
Fax: 519 873-5020



December 13th, 2017

Union Gas Limited
P.O. Box 2001
50 Keil Drive North
Chatham, Ontario
N7M 5M1

Attention: Mr. Evan Tomek, Environmental Planner

Re: Union Gas Limited 2018 Dawn Deliverability Project Environmental Protection Plan

Dear Mr. Tomek:

I am writing to you today in response to Union Gas's letter of November 17th, 2017, addressed to this ministry, wherein you requested that this ministry review Union Gas's 2018 Dawn Deliverability Project Environmental Protection Plan (EPP).

You directed that ministry comments, if any, are to be forwarded to Ms. Zora Crnojacki, Coordinator, Ontario Pipeline Coordination Committee of the Ontario Energy Board, and yourself. You directed that comments, if any, to be provided no later than December 22nd, 2017. I have copied this ministry letter, as described herein, to Ms. Zora Crnojacki.

In keeping with the foregoing, it is my understanding that staff of this ministry's Sarnia District office met with yourself, and Mr. Learn, both of Union Gas Limited on November 28th, 2017, to observe the proposed site.

Following that November 17th, 2017 inspection, and ministry staff's subsequent review of the 2018 Dawn Deliverability Project Environmental Protection Plan, the following ministry comments are provided for Union Gas's due consideration and subsequent response:

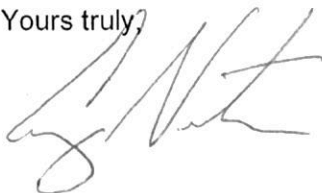
- 1) The EPP does not indicate the proposed disposal method for the liquids that will be generated during the pressure testing of the pipelines that will be installed. Please provide details of the approved treatment method to which the liquids used for pressure testing will be directed.
- 2) The EPP does not stipulate that Union Gas Limited will report all complaints pertaining to the project to the Ministry's Sarnia District Office. This condition is not included in either of Union Gas's current Environmental Compliance Approvals for this site. Please provide confirmation that Union Gas' EPP has been updated to notify the Ministry's Sarnia District Office of all complaints it receives related to the proposed project.

- 3) The EPP does not direct Union Gas staff to report spills of drilling fluids, fuel, etc. to this Ministry's Spills Action Centre. Please provide confirmation that Union Gas' EPP has been updated to notify the Ministry's Spills Action Centre of all spills at the Site.
- 4) Fugitive emissions of dust generated from the drill pads and construction roads is not addressed in the EPP. Please provide confirmation that Union Gas' EPP has been updated to include mitigation measures for fugitive emissions of dust.
- 5) The EPP does address noise emissions but since Union Gas intends to drill 24 hours a day for a period of 2 or 3 weeks, the proposed mitigation if a complaint arises does not seem adequate. Please provide confirmation that Union Gas' EPP has been updated to include adequate mitigation measures for noise emissions.

Thank you for providing this ministry the opportunity to comment on Union Gas's 2018 Dawn Deliverability Project Environmental Protection Plan. This ministry awaits Union Gas's written response to this ministry's comments as described herein.

Should you, or Ms. Crnojacki, have any questions, please feel free to approach me I will do my best to answer them, and/or I will seek assistance from other ministry staff that can..

Yours truly,



Craig Newton
 Regional Environmental Planner / Regional EA Coordinator
 Ministry of Environment and Climate Change
 733 Exeter Road
 London ON, N6E 1L3
 519 873-5014

Copy: Ms. Zora Crnojacki, Coordinator, Ontario Pipeline Coordination Committee, Ontario Energy Board, Toronto
 Mr. Michael Learn, Union Gas
 Mr. Michael Harris, Sr. Environmental Officer, MOECC Sarnia
 Mr. Michael Parkhouse, Sr. Environmental Officer, MOECC Sarnia
 Ms. Crystal Lafrance, Supervisor, Air, Pesticides & Environmental Planning, MOECC SWR, London



January 9, 2018

Mr. Craig Newton
Regional Environmental Planner/Regional EA Coordinator
Ministry of the Environment and Climate Change
733 Exeter Road
London, ON N6E 1L3

Re: Union Gas Limited
2018 Dawn Deliverability Project Environmental Protection Plan Comments

Dear Mr. Newton,

Thank you for your review of the 2018 Dawn Deliverability Project Environmental Protection Plan and subsequent comments on a letter dated December 13, 2017. I have copied your comments below and have provided responses:

- 1) The EPP does not indicate the proposed disposal method for the liquids that will be generated during the pressure testing of the pipelines that will be installed. Please provide details of the approved treatment method to which the liquids used for pressure testing will be directed.*

Union Gas will be discharging approximately 40,704 L of municipally sourced water through a filtering system (i.e. filter bag or filter tub) before it is released into a well vegetated in the environment. Three pipeline sections will be pressure tested separately; therefore 40,704 L of water will be split between three pipeline sections and discharged at different times. The water will not be discharged in the vicinity of any regulated watercourses and will not have the potential to impact any aquatic life.

- 2) The EPP does not stipulate that Union Gas Limited will report all complaints pertaining to the project to the Ministry's Sarnia District Office. This condition is not included in either of Union Gas's current Environmental Compliance Approvals for this site. Please provide confirmation that Union Gas's EPP has been updated to notify the Ministry's Sarnia District Office of all complaints it receives related to the proposed project.*

If the project is approved by the Ontario Energy Board, Union Gas will be required to maintain a log of all complaints received during construction, including the date/time the complaint was received, a description of the complaint, any actions taken to address the complaint, and the rationale for taking such actions. The complaint log, referred to in the EPP as Union Gas' "complaint tracking system", will be made available to the Ministry's Sarnia District Office.

- 3) The EPP does not direct Union Gas staff to report spills of drilling fluids, fuel, etc. to this Ministry's Spills Action Centre. Please provide confirmation that*

Union Gas' EPP has been updated to notify the Ministry's Spills Action Centre of all spills at the site.

Please refer to Table 1, Section D of the EPP for Union Gas' commitment to notifying the MOECC Spills Action Centre in the event of a spill.

- 4) *Fugitive emissions of dust generated from the drill pads and construction roads is not addressed in the EPP. Please provide confirmation that Union Gas' EPP has been updated to include mitigation measures for fugitive emissions of dust.*

Please refer to Table 1, Section H of the EPP for Union Gas' commitment to controlling dust. To provide further clarity, Union Gas will monitor dust during construction and will control dust by applying water to drilling and access roads if necessary.

- 5) *The EPP does address noise emissions but since Union Gas intends to drill 24 hours a day for a period of 2 or 3 weeks, the proposed mitigation if a complaint arises does not seem adequate. Please provide confirmation that Union Gas's EPP has been updated to include adequate mitigation measures for noise emissions.*

Union Gas's proposed noise mitigation in the EPP (Page 9 and Table 1, Section B respectively) is as follows:

- To minimize inconveniences brought on by excessive noise, all engines associated with the Project should be equipped with mufflers. Landowners will also be notified of the drilling schedule.
- Noise will be controlled to the greatest extent possible to minimize disruption to nearby residents. Will ensure all equipment is properly muffled.

In addition to the noise mitigation outlined in the EPP, Union Gas will notify all adjacent landowners prior to drilling and provide them with the names and numbers of Union Gas personnel to call in the event that they have any issues. All drilling will be taking place on Union Gas property, and the nearest residence to any proposed drilling is approximately 300 m away.

Thanks again for your review and interest in the 2018 Dawn Deliverability Project. If you have any questions, please contact the undersigned.

Yours very truly,



Evan Tomek
Environmental Planner
Union Gas Limited
519.436.2460 ext 5236904

etomek@uniongas.com

Cc: Ms. Zora Crnojacki, Ontario Energy Board
Mr. Michael Harris, Sr. Environmental Officer, MOECC Sarnia
Mr. Michael Parkhouse, Sr. Environmental Officer, MOECC Sarnia
Ms. Crystal Lafrance, Supervisor, APEP, MOECC SWR, London
Mr. Michael Learn, Union Gas Limited
Mr. Mohamed Soliman, Union Gas Limited
Mr. Bill Wachsmuth, Union Gas Limited

Evan Tomek

From: Evan Tomek
Sent: December-18-17 7:04 AM
To: 'Herczeg, Brooke (MTCS)'
Cc: zora.Crnojacki@ontarioenergyboard.ca; Barboza, Karla (MTCS)
Subject: RE: [External] RE: UGL 2018 Dawn Deliverability Project Review

Thanks Brooke.

Evan

From: Herczeg, Brooke (MTCS) [mailto:Brooke.Herczeg@ontario.ca]
Sent: December-15-17 2:00 PM
To: Evan Tomek
Cc: zora.Crnojacki@ontarioenergyboard.ca; Barboza, Karla (MTCS)
Subject: RE: [External] RE: UGL 2018 Dawn Deliverability Project Review

Hi Evan,

Thank you for providing this information on cultural heritage resources, MTCS has no further comments.

Regards,
Brooke

From: Evan Tomek [mailto:ETomek@uniongas.com]
Sent: December-15-17 8:13 AM
To: Herczeg, Brooke (MTCS)
Cc: zora.Crnojacki@ontarioenergyboard.ca; Barboza, Karla (MTCS)
Subject: RE: [External] RE: UGL 2018 Dawn Deliverability Project Review

Hi Brooke,

Stantec was retained to complete the Cultural Heritage Memorandum as you've identified and I have attached their completed report dated November 10th, 2017 for your review/information.

Timmins Martelle Heritage Consultants Inc. was retained to complete the Stage 1 – 2 Archaeological Assessments and received approval from the MTCS on September 28th, 2017, which I have also attached for your information.

Thank you for your interest in the Project and please let me know if you have any questions/comments.

Evan Tomek, BES

Environmental Planner *on behalf of*
Union Gas Limited | An Enbridge Company
745 Richmond Street | Chatham, ON N7M 5J5
Tel: 519.436.2460 ext 5236904
Cell: 226.229.9598
email: etomek@uniongas.com



From: Herczeg, Brooke (MTCS) [<mailto:Brooke.Herczeg@ontario.ca>]
Sent: December-14-17 3:59 PM
To: Evan Tomek; Barboza, Karla (MTCS)
Cc: zora.Crnojacki@ontarioenergyboard.ca
Subject: RE: [External] RE: UGL 2018 Dawn Deliverability Project Review

Hi Evan,

I'd like to follow up and inquire about the status of the Stage 1 & 2 Archaeological Assessments. I understand Stantec Consulting was retained by Union Gas Limited to complete a Heritage memorandum of the project as well; would you be able to provide a status update or timeline for this report? Any information you have regarding the Archaeological Assessments as well as the Cultural Heritage Evaluation Report would help my understanding of the project and inform my comments, which you can expect by December 22nd.

Thank you,
Brooke

From: Evan Tomek [<mailto:ETomek@uniongas.com>]
Sent: December-14-17 3:06 PM
To: Barboza, Karla (MTCS)
Cc: zora.Crnojacki@ontarioenergyboard.ca; Herczeg, Brooke (MTCS)
Subject: RE: [External] RE: UGL 2018 Dawn Deliverability Project Review

Hi Karla,

Thanks for getting back to me – yes that is correct.

Regards,

Evan Tomek, BES

Environmental Planner *on behalf of*
Union Gas Limited | An Enbridge Company
745 Richmond Street | Chatham, ON N7M 5J5
Tel: 519.436.2460 ext 5236904
Cell: 226.229.9598
email: etomek@uniongas.com



From: Barboza, Karla (MTCS) [<mailto:Karla.Barboza@ontario.ca>]
Sent: December-14-17 2:57 PM
To: Evan Tomek
Cc: zora.Crnojacki@ontarioenergyboard.ca; Herczeg, Brooke (MTCS)
Subject: [External] RE: UGL 2018 Dawn Deliverability Project Review

Hi Evan,

Thanks for the follow up and reminder. I am assuming that you are referring to the Bickford Storage Pool, is that correct?

Thanks,
Karla

Karla Barboza MCIP, RPP, CAHP | (A) Team Lead, Heritage
Ministry of Tourism, Culture and Sport
Culture Division | Programs and Services Branch | Heritage Program Unit
T. 416.314.7120 | fax: 416.212.1802 | Email: karla.barboza@ontario.ca



From: Evan Tomek [<mailto:ETomek@uniongas.com>]
Sent: December-13-17 3:28 PM
To: Barboza, Karla (MTCS)
Cc: zora.Crnojacki@ontarioenergyboard.ca
Subject: FW: UGL 2018 Dawn Deliverability Project Review

Hi Karla,

Please see the email below re: Union Gas Limited's 2018 Dawn Deliverability Project Environmental Protection Plan review.

My apologies, but your named was misspelled in our system and therefore the email below was not delivered. Please let me know if you have any questions and we will correct this mistake moving forward.

Thanks,

Evan Tomek, BES

Environmental Planner *on behalf of*
Union Gas Limited | An Enbridge Company
745 Richmond Street | Chatham, ON N7M 5J5
Tel: 519.436.2460 ext 5236904
Cell: 226.229.9598
email: etomek@uniongas.com



From: Evan Tomek
Sent: December-13-17 2:31 PM
To: 'Linda.Pim@ontario.ca'; 'carla.barboza@ontario.ca'; 'Tony.difabio@ontario.ca'; 'kmanouchehri@tssa.org'; 'Marlo.SpenceLair@ontario.ca'; 'Michelle.Schlag@ontario.ca'; 'crystal.lafrance@ontario.ca'; 'Patrick.Grace@infrastructure.ca'; 'Vecchiolla, Joseph (MOI)'; 'scott.oliver@ontario.ca'
Cc: zora.crnojacki@ontarioenergyboard.ca
Subject: UGL 2018 Dawn Deliverability Project Review

Good Afternoon,

I am emailing you regarding the Environmental Protection Plan and corresponding letter dated November 17, 2017 I mailed to the OPCC for Union Gas Limited's 2018 Dawn Deliverability Project, filed with the Ontario Energy Board on

December 7, 2017. We have requested that the report is reviewed and comments provided to Zora Crnojacki on behalf of Ontario Energy Board and myself by December 22nd, 2017. Please advise us if you have no comments or provide any comments you may have by this date.

Thanks,

Evan Tomek, BES

Environmental Planner *on behalf of*
 Union Gas Limited | An Enbridge Company
 745 Richmond Street | Chatham, ON N7M 5J5
 Tel: 519.436.2460 ext 5236904
 Cell: 226.229.9598
 email: etomek@uniongas.com



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Evan Tomek

From: Grace, Patrick (IO) <Patrick.Grace@infrastructureontario.ca>
Sent: December-14-17 2:10 PM
To: Evan Tomek
Subject: RE: [External] Re: UGL 2018 Dawn Deliverability Project Review

THANKS

Patrick

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

From: Evan Tomek [<mailto:ETomek@uniongas.com>]
Sent: Thursday, December 14, 2017 2:07 PM
To: Grace, Patrick (IO) <Patrick.Grace@infrastructureontario.ca>
Subject: RE: [External] Re: UGL 2018 Dawn Deliverability Project Review

Hi Patrick,

I mailed a hard copy of the EPP to:

1 Dundas Street West
Suite 2000
Toronto, ON M5G 2L5

Is this the correct address?

I've also attached an electronic copy for your review. Please let me know if you'd still like a hard copy.

Thanks,

Evan Tomek, BES
Environmental Planner on behalf of
Union Gas Limited | An Enbridge Company
745 Richmond Street | Chatham, ON N7M 5J5
Tel: 519.436.2460 ext 5236904
Cell: 226.229.9598
email: etomek@uniongas.com

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

From: Grace, Patrick (IO) [<mailto:Patrick.Grace@infrastructureontario.ca>]
Sent: December-14-17 1:55 PM
To: Evan Tomek
Subject: [External] Re: UGL 2018 Dawn Deliverability Project Review

I have not received UGL 2018 Dawn Delivery

Patrick

From: Evan Tomek <ETomek@uniongas.com>
Date: December 13, 2017 at 3:22:46 PM EST
To: Grace, Patrick (IO) <Patrick.Grace@infrastructureontario.ca>
Cc: zora.Crnojacki@ontarioenergyboard.ca <zora.Crnojacki@ontarioenergyboard.ca>
Subject: FW: UGL 2018 Dawn Deliverability Project Review

Hi Patrick,

Please see the email below re: Union Gas Limited's 2018 Dawn Deliverability Project Environmental Protection Plan review.

I was notified that I was using the wrong email so I hope this finds you well.

Thanks,

Evan Tomek, BES
Environmental Planner on behalf of
Union Gas Limited | An Enbridge Company
745 Richmond Street | Chatham, ON N7M 5J5
Tel: 519.436.2460 ext 5236904
Cell: 226.229.9598
email: etomek@uniongas.com

[<cid:image001.jpg@01D01A0A.FEA3FEE0>]<<http://www.canadastop100.com/national/>>

From: Evan Tomek
Sent: December-13-17 2:31 PM
To: 'Linda.Pim@ontario.ca'; 'carla.barboza@ontario.ca'; 'Tony.difabio@ontario.ca'; 'kmanouchehri@tssa.org'; 'Marlo.SpenceLair@ontario.ca'; 'Michelle.Schlag@ontario.ca'; 'crystal.lafrance@ontario.ca'; 'Patrick.Grace@infrastructure.ca'; 'Vecchiolla, Joseph (MOI)'; 'scott.oliver@ontario.ca'
Cc: zora.crnojacki@ontarioenergyboard.ca
Subject: UGL 2018 Dawn Deliverability Project Review

Good Afternoon,

I am emailing you regarding the Environmental Protection Plan and corresponding letter dated November 17, 2017 I mailed to the OPCC for Union Gas Limited's 2018 Dawn Deliverability Project, filed with the Ontario Energy Board on December 7, 2017. We have requested that the report is reviewed and comments provided to Zora Crnojacki of the

Ontario Energy Board and myself by December 22nd, 2017. Please advise us if you have no comments or provide any comments you may have by this date.

Thanks,

Evan Tomek, BES
Environmental Planner on behalf of
Union Gas Limited | An Enbridge Company
745 Richmond Street | Chatham, ON N7M 5J5
Tel: 519.436.2460 ext 5236904
Cell: 226.229.9598
email: etomek@uniongas.com<<mailto:etomek@uniongas.com>>

[cid:image001.jpg@01D01A0A.FEA3FEE0]<<http://www.canadastop100.com/national/>>

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Evan Tomek

From: Evan Tomek
Sent: December-20-17 9:20 AM
To: 'Sarah Hodgkiss'
Subject: RE: [External] 2018 Dawn Deliverability Project

Hi Sarah,

Thank you for your comments on the 2018 Dawn Deliverability Project Environmental Protection Plan.

The MNRF has been sent the EPP/proposed Eastern Foxsnake mitigation to review and comment.

Thanks again,

Evan

Evan Tomek, BES

Environmental Planner *on behalf of*
Union Gas Limited | An Enbridge Company
745 Richmond Street | Chatham, ON N7M 5J5
Tel: 519.436.2460 ext 5236904
Cell: 226.229.9598
email: etomek@uniongas.com



From: Sarah Hodgkiss [<mailto:shodgkiss@scrca.on.ca>]
Sent: December-20-17 9:15 AM
To: Evan Tomek
Subject: [External] 2018 Dawn Deliverability Project

Hello Mr. Tomak,

Thank you for sending the 2018 Dawn Deliverability Project Environmental Protection Plan.

The proposed works will be taking place outside of SCRCA's regulation limit (Ontario Regulation 171/06), therefore we have no concerns from a regulations perspective.

We note that you have been in contact with the Ministry of Natural Resources and Forestry regarding natural heritage features on the site. MNRF is the approval authority with regards to the habitat of endangered and threatened species. Therefore the recommended mitigation for the Eastern Foxsnake should be reviewed by them.

Thank you

Sarah

Evan Tomek


From: Ezio Nadalin <ezio.nadalin@county-lambton.on.ca>
Sent: December-21-17 11:19 AM
To: Evan Tomek
Cc: Matt Deline; Ben Puzanov; Tim Payne
Subject: [External] County of Lambton Comments regarding 2018 Dawn Deliverability Project
Attachments: Union Gas Dawn Project 2.docx

Hello Mr. Tomek, further to your correspondence of November 17, 2017 we would like to forward the attached comments.

Thanks, Ezio Nadalin (County of Lambton Planner)

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Planning & Development Services Department

789 Broadway Street, Box 3000
Wyoming, ON N0N 1T0

Filed: 2018-02-21

EB-2017-0363

Telephone: 519-845-0880

Toll-free: 1-866-324-6912

Fax: 519-845-3817

Booth Staff.1

Schedule 1

Page 40 of 53

December 19, 2017

Mr. Evan Tomek
Environmental Planner
Union Gas Limited
P.O. Box 2001
50 Keil Drive North
Chatham, ON
N7M 5M1
etomek@uniongas.com

Dear Mr. Tomek

Re: Union Gas Limited 2018 Dawn Deliverability Project

Further to your request, we are providing the following comments for your consideration.

A portion of the proposed work site would include portions of a *Significant Woodland* (this area has been identified in the local Planning documents in the Official Plan as Environmental Protection - Woodlot and the Zoning By-law as Environmental Protection - Woodlot (*see attached Diagram 1)).

The Township Official Plan makes reference to woodlot management and tree removal in Part B, Section 16.2.6 and 16.2.7.

Trees

16.2.6 In order to maintain a healthy stock of mature trees, the Township of St. Clair will require development proponents, as a condition of approval, to preserve mature trees where possible and when trees must be removed, these shall be replaced with new plantings in a reasonable time by trees of similar species and of sufficient maturity to enhance the appearance of the development. In addition, the Township of St. Clair will encourage the introduction of new tree plantings as one component of the development approval process.

Woodlot management

16.2.7 In accordance with the Lambton County Tree By-law, no clearing of woodlots will be permitted except for minor clearing for convenience purposes as approved by Lambton County Council. County Council may require, as a condition of approval, reforestation of, at least, an equivalent area of land, or planting of a fence line or windbreak.

Where forest cover has been removed and is to be replaced as a condition of a development approval, the use of indigenous species of vegetation is encouraged. Restoration work should be required at rate of twice the area of forest cover that was removed. Preference will be given to replacing the trees at the same site and/or within the "Hazard and Environmental Protection" designations. The replacement tree stock should consist of indigenous species where quality stock is available and be maintained by the proponent to the free to grow stage. Long term management of these replacement trees will comply with the County of Lambton Tree Cutting By-law.

Section C, 3.8.4. also recommends:

Multiple uses of rights-of-way

3.8.4 Natural gas, oil and petrochemical commercial delivery pipelines will be installed within existing rights-of-way wherever feasible and practical.

With regards to tree removal Section 11.3.2 of the Township of St. Clair Zoning By-law also requires that no trees may be removed or cleared within the EP-W without being in accordance with accepted woodlot management practices and tree savings plan and the County Tree Cutting By-Law.

Having reviewed the Union Gas Environmental Protection Plan we are satisfied that some, if not all, of the objectives of the County and Township Planning documents have been addressed.

Specifically with regards to your reference to the Union Gas standard mitigation measures, the Union Gas Tree Replacement Program and measures described in the Species at Risk Report completed by Neegan Burnside Ltd.

Although work space, access road and facility location options may be limited we would also recommend that area of disruption be minimized as much as possible in order to limit any potential negative environmental impacts.

Finally, the County of Lambton Public Works Department has also reviewed the aforementioned project and they would like to forward the following comments:

It is identified that existing road access will be utilized for construction. In Drawing No. ST2121-02, only two (2) of the seven (7) entrances appear to be in operation for this work. Limiting the number of accesses being utilized for the duration of construction would be the County of Lambton's preference. In addition, permanently eliminating several of these accesses that are not currently under permit, or in use, would be a consideration for Union Gas that the County of Lambton Public Works Department would value.

Should any temporary or permanent alterations to existing driveways be required to access County Road 2 (Bentpath Line) from the site as a result of this project, an Entrance Permit from this office is required. Accesses are also in close proximity to the intersection with Provincial Highway 40, please circulate to this office any comments received from the Ministry of Transportation.

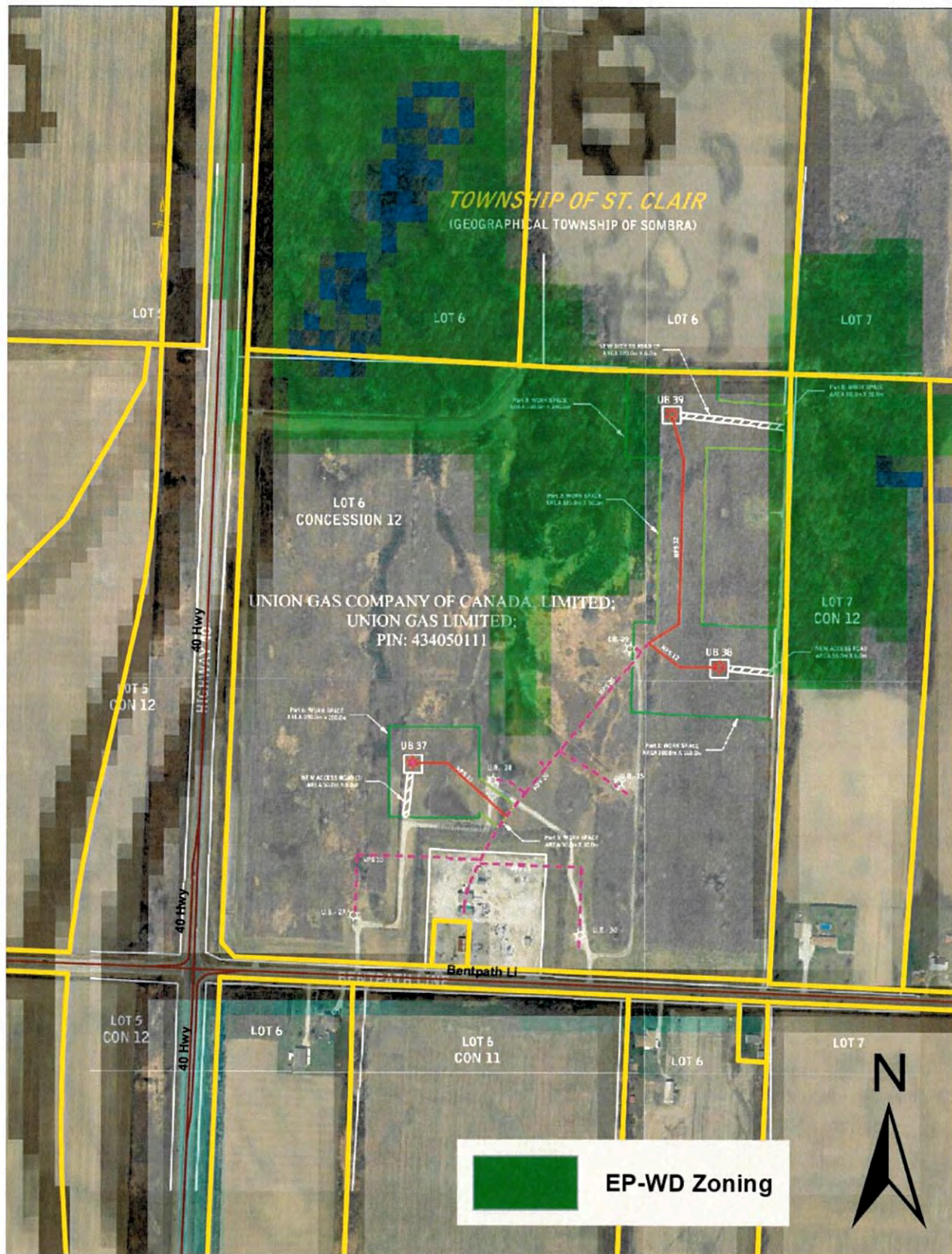
Yours truly,



Ezio Nadalin, Planner
Planning and Development Services

cc. Matt Deline
Ben Puzanov
Tim Payne

*Diagram 1: Showing Significant Woodlots



Evan Tomek

From: Evan Tomek
Sent: January-25-18 1:54 PM
To: Ezio Nadalin
Cc: Matt Deline; Ben Puzanov; Tim Payne
Subject: UGL 2018 Dawn Deliverability Project
Attachments: UGL County of Lambton Response 2018 Dawn Deliverability.pdf; [External] FW: UGL 2018 Dawn Deliverability Project Review

Good Afternoon,

Please see attached Union Gas' response to your comments from December 21, 2017 regarding Union Gas' proposed 2018 Dawn Deliverability Project. Also attached are the comments received from MTO to date, as requested.

Thank you again for your review of the Environmental Protection Plan and please let me know if you have any questions.

Thanks,

Evan Tomek, BES

Environmental Planner *on behalf of*
Union Gas Limited | An Enbridge Company
745 Richmond Street | Chatham, ON N7M 5J5
Tel: 519.436.2460 ext 5236904
Cell: 226.229.9598
email: etomek@uniongas.com





January 25, 2018

Mr. Ezio Nadalin
Planner
Planning and Development Services
County of Lambton
789 Broadway Street
Box 3000 Wyoming, ON N0N 1T0

Re: Union Gas Limited
2018 Dawn Deliverability Project Review

Dear Mr. Nadalin,

Thank you for your review of the 2018 Dawn Deliverability Project Environmental Protection Plan and subsequent comments on a letter dated December 19, 2017.

With respect to the proposed tree clearing within the Significant Woodland in the vicinity of the proposed UB 39, Union Gas will reduce the work area where practical to limit potential environmental impacts. Union Gas has also made a commitment to the Township of St. Clair and the County of Lambton to replace the trees cleared during construction at a 2:1 area basis at 1000 seedlings/acre within the Township of St. Clair and to provide the planting plans for the tree replacement.

Union Gas has reviewed the use of the entrances in the Bickford Storage Pool and have determined entrances 1 and 3 depicted on the map below no longer need to be used and can be removed by the responsible authority. Two culvert extensions are required to widen entrances 2 and 7 to facilitate construction access for the project. Seys Excavating has applied to the County for an entrance permit for this work as an Agent for Union Gas.



The Ministry of Transportation has reviewed the project and have required Union Gas to obtain a Building and Land Use permit from the Ministry for any proposed construction within 45 m of the Highway 40 property limit, and within 395 m of the centerpoint of the

intersection of Highway 40 and Bentpath Line. Union Gas will therefore be applying for a permit for the construction associated with proposed well UB 37 and the culvert extension required at entrance 2. Union Gas will keep the County informed of future comments from MTO. Please see the attached email for MTO's full comments.

Thanks again for your interest in the project and if you have any questions please contact this undersigned.

Yours very truly,



Evan Tomek
Environmental Planner
Union Gas Limited
Tel: 519-436-2460 ext. 5236904
Email: etomek@uniongas.com

Cc: Mr. Matt Deline, County of Lambton
Mr. Ben Puzanov, County of Lambton
Mr. Tim Payne, County of Lambton

Evan Tomek

From: Evan Tomek
Sent: January-23-18 11:26 AM
To: 'ESA-Aylmer (MNRF)'
Cc: MNRF Ayl Planners (MNRF)
Subject: RE: [External] 2018 Dawn Deliverability Project - environmental protection plan

To whom it may concern:

Thank you for your review of the Environmental Protection Plan for the 2018 Dawn Deliverability Project and subsequent comments. In order to remain compliant with Section 9 of the Endangered Species Act, 2007 and to address your inquiries, Union Gas is offering the following proposed actions/mitigation measures:

1. *More detail related to the targeted salvage that will occur within the snake exclusion fencing:*
 - The snake exclusion fencing will be installed prior to April 1st to avoid the active season for snakes (April to October 31).
 - A qualified expert trained in handling snakes will conduct a thorough search within all isolated work areas to ensure none are present prior to construction commencing.
 - Should any snakes be present within the isolated work areas, the qualified expert will safely relocate the snakes outside the work area at a safe location
2. *More detail regarding appropriate maintenance of the snake exclusion fencing during construction:*
 - A qualified expert will train an Environmental Representative who will be responsible for checking the work site each day to ensure fencing is maintained and an absence of snakes prior to construction beginning each day.
 - The daily exclusion fence inspections will involve inspecting all fencing on site for any damage that affects the integrity of the fence (e.g. tears, loose edges, collapses, etc.).
 - Any damage noted during the daily exclusion fence inspection will be fixed promptly.
3. *More detail regarding how all on-site personal will be made aware of the potential presence of Eastern foxsnake and how mitigation measure will be conveyed to each:*
 - A pre-construction meeting will be held with Union Gas and the Contractor's on-site personnel, which includes mandatory training where Union Gas will educate the on-site personnel on the potential presence of the Eastern Foxsnake and the mitigation measures, including:
 - o Providing pictures to the on-site personnel of Eastern Foxsnakes at all life stages to allow for identification, and to post the pictures on-site at the site trailer(s).
 - o Instruction on how to handle incidental encounters of the Eastern Foxsnake:
 - If an Eastern Foxsnake is encountered during construction activities it must be allowed to leave on its own accord. Activities within 30 m shall cease until the individual disperses. Construction machinery/equipment must maintain a minimum operation distance of 30 m from the individual until it disperses on its own accord.
 - Should on-site personnel be unable to allow an incidentally encountered Eastern Foxsnake to disperse from the active construction area on its own ability, a qualified biologist will be contacted immediately to safely relocate the individual to suitable habitat outside of the construction zone.

- Any Eastern Foxsnake that is observed within the property will be reported to the Aylmer District staff within 48 hours of the observation or the next working day, whichever comes first.
- If an injured or deceased individual is found, the specimen will be placed in a non-airtight container that is maintained at an appropriate temperature and MNRF will be contacted immediately for additional guidance.
- During the active season for snakes (April to October 31), all construction machinery and equipment that is left idle for one hour or longer, or is parked overnight, at the work site shall be visually surveyed for the presence of snakes species before (re)ignition. This visual examination will include all lower components of the machinery, including operational extensions and running gear.
- Explanation of the role of the Environmental Representative and their duty to inspect the snake exclusion fencing before construction commences each day, and the importance of repairing any damage to the fencing as soon as possible. All on-site personnel will also be educated on the snake exclusion fencing and will be trained to identify and report any damages they observe during construction.

4. *Some consideration for permanent snake awareness signage at the entrance of each of the three new access roads:*

- Permanent snake crossing signs will be installed at the entrances of the three access roads in the storage pool, as identified below:



- Information on the presence of Eastern Foxsnake at this location will be shared with the business unit that will be operating and maintaining these facilities following construction.

5. *More detail on how incidental encounters of the Species will be handled:*

- Please see response #3.

6. *Clarification of the activities that have already occurred onsite:*

- Tree clearing has commenced and has been completed at the work spaces associated with UB 37 and UB 38.
- Tree clearing will continue on the rest of the project area to ensure it is completed prior to the breeding bird season.

Thank you for your time and please let me know if you have any questions.

Regards,

Evan Tomek, BES

Environmental Planner *on behalf of*
 Union Gas Limited | An Enbridge Company
 745 Richmond Street | Chatham, ON N7M 5J5
 Tel: 519.436.2460 ext 5236904
 Cell: 226.229.9598
 email: etomek@uniongas.com



From: ESA-Aylmer (MNRF) [mailto:ESA.Aylmer@ontario.ca]
Sent: January-22-18 1:40 PM
To: Evan Tomek
Cc: MNRF Ayl Planners (MNRF)
Subject: [External] 2018 Dawn Deliverability Project - environmental protection plan

Hi Evan

Aylmer MNRF have reviewed the Union Gas Ltd project proposal to construct three permanent new access roads (approx. footprint of 1350 m²); three new drill site (temporary footprint of 16,875 m² and permanent footprint of approx.. 432 m²) and; trenching/rehabilitating works associated with 400 m of new connecting pipeline. We note the permanent destruction of approx.. 0.18 ha of habitat for Eastern foxsnake (the Species). We also note that the proponent will create brush piles, leave body wood and rootmass and create rock piles within the subject lands which will offer thermoregulation sites and chip piles which may function as nesting sites for the Species. Additionally, a shallow depression will be excavated which may attract forage base for the Species. We have also noted that approx.. 16,443 m² of temporarily destroyed Species habitat will be re-vegetated with native seed mix upon completion of construction associated with the project. We further recognize that open habitat created by the pipeline installation and temporary drill pad work space will actually improve habitat for Eastern foxsnake.

Based upon parameters of the project including habitat mitigation measures described above, we are of the belief that there is a low likelihood that Section 10 (habitat destruction or damage) of the Endangered Species Act, 2007 (ESA 2007) will be contravened for the Eastern foxsnake.

We have reviewed mitigation measures proposed to reduce the likelihood of contravening Section 9 (killing, harming, harassing the species) of the ESA 2007 and still require more detail in order to address this section of the ESA 2007. In order to remain compliant with the ESA 2007, we request the following:

- More detail related to the targeted salvage that will occur within the snake exclusion fencing
- More detail regarding appropriate maintenance of the snake exclusion fencing during construction
- More detail regarding how all on-site personal will be made aware of the potential presence of Eastern foxsnake and how mitigation measure will be conveyed to each

- Some consideration for permanent snake awareness signage at the entrance to each of the three new access roads
- More detail on how incidental encounters of the Species will be handled

We also would like clarification on what activities have already occurred at the site.

Please provide the above requested information at your earliest convenience so that we may assess the likelihood of this project contravening Section 9 of the ESA 2007 and further making a decision on whether authorization under section 17(2)(c) of the ESA 2007 will be required to complete this project.

Please direct any inquiries related to this file to either Cam McCauley, Management Biologist at 519-773-4732 or ESA.Aylmer@ontario.ca .

Sincerely,

ESA Aylmer

Evan Tomek

From: Mohamed Soliman
Sent: January-26-18 1:53 PM
To: Kourosh Manouchehri
Cc: Zora Crnojacki
Subject: RE: [External] 2018 Down Deliverability Project, SR 2196276

Good Afternoon Kourosh,

Thank you for the update and the review of this application.

Regards,
Mohamed

Mohamed Soliman Project Engineer
EXT: 500-2834 | CELL: 519-784-3848

From: Kourosh Manouchehri [<mailto:KManouchehri@tssa.org>]
Sent: January-26-18 1:40 PM
To: Mohamed Soliman
Cc: Zora Crnojacki
Subject: [External] 2018 Down Deliverability Project, SR 2196276

Hi Mohamed,

Sorry for the delay on review of this project. I am slowly catching up with the backlog.

Please see attached my review letter regarding this project. As mentioned on the letter, this project might be selected for audit and we will contact you in that case. Calculation shows that the PIR for High Consequence Area (HCA) is close to 101 meters. Please be sure that the requirement of HCA for this radius are met as outlined in FS-220-16.

If you have any question, please contact me.

Regards,



Kourosh Manouchehri, P.Eng., PMP | Engineer

Fuels Safety

345 Carlingview Drive

Toronto, Ontario M9W 6N9

Tel: +1-416-734-3539 | Cell: +1-416-999-6529 | Fax: +1-416-231-7525 | E-Mail: kmanouchehri@tssa.org

www.tssa.org



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www.tssa.org

January 26, 2018

Mr. Mohamed Soliman

SR# 2196276

Re: 2018 Down Deliverability Project

Dear Mr. Mohamed Soliman,

This is in response to your submitted Union Gas Pipeline Project dated November 17, 2017 about the 2018 Down Deliverability Project in township of St. Clair. The area for installation of the new line is primarily agricultural and forested with scattered residential dwelling.

I reviewed the submitted Environmental Protection Plan (EPP) and Design and Pipe specification for this project. Submitted design criteria meets O.Reg. 210/01 and Oil and Gas Pipeline code adoption document, FS-220-16. This project might be subject to TSSA audit. We will contact you if the project is selected for audit.

Should you have any questions, please contact me at 416.734.3539 or by e-mail at kmanouchehri@tssa.org. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

A handwritten signature in black ink, appearing to read "Kourosh Manouchehri".

Kourosh Manouchehri, P.Eng.,
Fuels Safety Engineer
Tel.: (416) 734-3539
Fax: (416) 231-7525

c. Ms. Zora Crnojacki
Chairperson, OPCC
Ontario Energy Board
P.O. Box 2319
2300 Younger Street, 27th. Floor
Toronto, ON M4P 1E

UNION GAS LIMITED

Answers to Interrogatories from
Board Staff

Interrogatory # 2

Ref: Evidence, pages 11-13 “Indigenous Consultation” and Schedule 14 “Indigenous Consultation Report”, Schedule 15 “MOE’s Review and Confirmation”

Preamble:

Union filed the Indigenous Consultation Report (ICR) as required by the OEB Environmental Guidelines. The delegation letter from the Ministry of Energy (MOE) which identified Indigenous communities to be consulted is included in Union’s evidence. According to the ICR, the Indigenous communities did not raise issues or concerns with the 2018 Project. However, at this time, the MOE’s letter confirming its review of the ICR and assessing the adequacy of Indigenous consultation has not been filed on the record.

Question:

What is the anticipated timeline for receiving the MOE’s letter confirming its review of the ICR and assessing the adequacy of Indigenous consultation?

Response:

Attached at Schedule 1 is a letter from the MOE providing its review of Union’s ICR.

Ministry of Energy

77 Grenville Street
6th Floor
Toronto ON M7A 2C1

Tel: (416) 314-2599

Ministère de l'Énergie

77 rue Grenville
6^e étage
Toronto ON M7A 2C1

Tél: (416) 314-2599

**Indigenous Energy Policy**

VIA EMAIL

February 16, 2018

Zora Crnojacki
Project Advisor
P.O. Box 2319
2300 Yonge Street
Toronto, ON M4P 1E4

Re: Consultation Sufficiency Opinion for Bickford Storage Pool Project

Dear Zora Crnojacki:

The Ontario Ministry of the Energy has completed its review of the Indigenous Consultation Report for the proposed Bickford Storage Pool project submitted by Union Gas Limited (Union) on December 21, 2017. This letter is to notify you that based on the information provided to date, the Ministry is of the opinion that the procedural aspects of consultation undertaken are satisfactory for the purpose of supporting the Ontario Energy Board's Leave to Construct approval.

I understand that Union Gas is proposing to drill new wells in the Bickford Storage Pool. The new wells, Union Bickford 37 (UB37), Union Bickford 38 (UB 38) and Union Bickford 39 (UB39), will be located in lot 6, concession 12 (Sombra Township) and will be drilled to a depth to be determined in the coming weeks. The existing wells in the Storage Pool are approximately 625m deep. Union will also be constructing approximately 400m of NPS 12" pipelines to connect the new wells to the existing gathering system which will require a leave to construct.

Based on the Crown's preliminary assessment of First Nation and Métis community rights and project impacts, the following Aboriginal communities were identified to be consulted on the basis that they have or may have constitutionally protected Aboriginal or treaty rights that may be adversely affected by the Project:

- Chippewas of the Thames First Nation
- Aamjiwnaang First Nation
- Chippewas Of Kettle and Stony Point First Nation

- Bkejawnong (Walpole Island) First Nation
- Oneida Nation of the Thames First Nation
- Caldwell First Nation

Union record indicates that they have notified all of the communities identified for consultation on the project. Some communities have expressed interest in the archaeological impacts of the project and potential impacts to asserted rights. Union has provided supplementary information about the project to communities and responded to communities' questions and concerns in order to clarify the technical aspects of the project, approvals and permitting process where appropriate and impacts to asserted rights. Union has also offered site visits and meetings with community members where there were desires. It is expected that Union will continue its consultation activities with the communities throughout the life of the project, and that they will notify the Ministry of Energy should any additional rights-based concerns or issues arise.

If you have any questions about this letter or require any additional information, please contact Shereen Smithanik at 416-326-0513 or Shereen.Smithanik@ontario.ca

Sincerely,



Shereen Smithanik
Senior Policy Advisor
Indigenous Energy Policy

C: ONTARIO ENERGY BOARD
MOECC OPCC MEMBER
MNRF OPCC MEMBER
MOI OPCC MEMBER
MTO OPCC MEMBER
Union Gas Limited, Ken McCorkle
Union Gas Limited, Lauren Whitwham

UNION GAS LIMITED

Answers to Interrogatories from
Board Staff

Interrogatory # 3

Ref: Evidence, page 5-6 “MNRF Review”

Preamble:

Union applied to the OEB for licences to drill 3 Injection/Withdrawal (I/W) wells in the Bickford pool. The MNRF is the provincial authority that ensures all of the relevant requirements of the CSA Z341.1-14 for drilling and operation of these wells is satisfied. Union stated that it filed all necessary studies with the MNRF for a review and it expects the MNRF’s comments as part of written submissions as the MNRF is an intervenor in this proceeding. It would be procedurally more efficient if Union provides evidence on the record confirming that the MNRF has reviewed and is satisfied with Union’s compliance with the CSA Z341.1-14 and the studies provided.

Question:

Did Union discuss with the MNRF the option of obtaining their comments prior to the date for written submissions in this proceeding? If not, please explain. If so, what are the anticipated timelines for obtaining the comments and filing them on the record with the OEB?

Response:

Union met with the Ministry of Natural Resources and Forestry (“MNRF”) Petroleum Operations Section in London Ontario, on October 13, 2017 to discuss the Project. At this meeting Union reviewed the presentation that can be found at Schedule 4 of the pre-filed evidence, and provided MNRF with the “What If” analysis and the assessment of Neighbouring Activities reports. At the meeting MNRF had a number of general questions about the project and Union provided answers to all of MNRF’s questions. At the meeting MNRF agree to intervene in the regulatory proceeding for the project, and viewed this as the appropriate forum to express any concerns they may have regarding the project.

On January 11, 2018 the MNRF intervened in the Project. In MNRF’s intervention request they made the following statement, “*the MNRF reserves the right to adduce evidence, submit*

interrogatories, cross examine witness, advance argument and participate in the hearing processes we see fit to do”.

Based on this statement it is Union’s position that if MNRF has any issues or concerns with the project they would bring them forward during the interrogatory or argument phases of the proceeding.

UNION GAS LIMITED

Answers to Interrogatories from
Board Staff

Interrogatory # 4

Ref: Evidence, pages 8-9, paragraphs 43-4

Preamble:

Union specified that the proposed pipeline will be located primarily on Class 1 location but that Union proposes to design the pipeline to meet or exceed Class 2 location requirements.

Question:

What is the basis for Union's decision to design the pipeline to meet or exceed Class 2 location requirements?

Response:

While the specific pipeline facilities in this application do not meet a class 2 location there are areas within the Designated Storage Area that do meet the class 2 location requirements. The decision was made to design all pipelines within the Designated Storage Area to a class 2 location to anticipate any future growth that may occur, and to keep the class location consistent throughout the Pool.

UNION GAS LIMITED

Answers to Interrogatories from
Board Staff

Interrogatory # 5

Ref: Application EB-2017-0363

Preamble:

Union applied for an OEB order granting leave to construct facilities under section 90(1) of the OEB Act.

Question:

Please comment on the attached OEB staff proposed draft conditions of approval. Please note that these conditions are draft and subject to additions or changes.

**LEAVE TO CONSTRUCT CONDITIONS OF
APPROVAL APPLICATION UNDERSECTION 90 OF
THE OEB ACT UNION GAS LIMITED
EB-2017-0363**

1. Union Gas Limited (Union) shall construct the facilities and restore the land in accordance with the Board's Decision and Order in EB-2017-0363 and these Conditions of Approval.
2. (a) Authorization for leave to construct shall terminate 12 months after the decision is issued, unless construction has commenced prior to that date.

(b) Union shall give the OEB notice in writing:
 - i. of the commencement of construction, at least ten days prior to the date construction commences;
 - ii. of the planned in-service date, at least ten days prior to the date the facilities go into service;
 - iii. of the date on which construction was completed, no later than 10 days following the completion of construction; and
 - iv. of the in-service date, no later than 10 days after the facilities go into

service.

3. Union shall implement all the recommendations of the Environmental Protection Plan filed in the proceeding, and all the recommendations and directives identified by the Ontario Pipeline Coordinating Committee review.
4. Union shall advise the OEB of any proposed change to OEB-approved construction or restoration procedures. Except in an emergency, Union shall not make any such change without prior notice to and written approval of the OEB. In the event of an emergency, the OEB shall be informed immediately after the fact.
6. Both during and after construction, Union shall monitor the impacts of construction, and shall file with the OEB one paper copy and one electronic (searchable PDF) version of each of the following reports:
 - (a) a post construction report, within three months of the in-service date, which shall:
 - i. provide a certification, by a senior executive of the company, of Union's adherence to Condition 1;
 - ii. describe any impacts and outstanding concerns identified during construction;
 - iii. describe the actions taken or planned to be taken to prevent or mitigate any identified impacts of construction;
 - iv. include a log of all complaints received by Union, including the date/time the complaint was received, a description of the complaint, any actions taken to address the complaint, the rationale for taking such actions; and
 - v. provide a certification, by a senior executive of the company, that the company has obtained all other approvals, permits, licences, and certificates required to construct, operate and maintain the proposed project.

- b) a final monitoring report, no later than fifteen months after the in-service date, or, where the deadline falls between December 1 and May 31, the following June 1, which shall:
- i. provide a certification, by a senior executive of the company, of Union's adherence to Condition 3;
 - ii. describe the condition of any rehabilitated land;
 - iii. describe the effectiveness of any actions taken to prevent or mitigate any identified impacts construction;
 - iv. include the results of analyses and monitoring programs and any recommendations arising therefrom; and
 - v. include a log of all complaints received by Union, including the date/time the complaint was received, a description of the complaint, any actions taken to address the complaint, the rationale for taking such actions.

Response:

Union Gas can accept the proposed conditions of approval.

Interrogatory # 6

Ref: Application EB-2017-0363

Preamble:

Union applied for well drilling licences under section 40(1) of the OEB Act. Should the OEB find the applications in the public interest it would issue a favourable report to the Minister of Natural Resources and Forestry recommending issuance of well licences and certain conditions.

Question:

Please comment on the attached OEB staff proposed conditions of approval.
Please note that these conditions are draft and subject to additions or changes.

**UNION GAS LIMITED
EB-2017-0363
Conditions of Licence - Well Drilling and
Operation**

1. Union Gas Limited (Union) shall rely on the evidence filed with the OEB in EB-2017-0363 proceeding and comply with applicable laws, regulations and codes pertaining to the construction of the proposed wells.
2. The authority granted under this license to Union is not transferable to another party without leave of the OEB. For the purpose of this condition another party is any party except Union Gas Limited.
3. Union shall construct the facilities and restore the land in accordance with its Application and evidence given to the OEB, except as modified by this license and these Conditions.
4. Union shall ensure that the movement of equipment is carried out in compliance with all procedures filed with the OEB, and as follows:
 - i) Union shall make reasonable efforts to keep the affected landowner as well as adjacent landowners and their respective tenant farmers, or their designated representatives, informed of its plans and construction activities; and
 - ii) the installation of facilities and construction shall be coordinated so as to minimize disruption of agricultural land and agricultural activities.

5. Union shall, subject to the recommendation by an independent tile contractor and subject to the landowners approval, construct upstream and downstream drainage headers adjacent to the drilling area and access roads that cross existing systematic drainage tiles, prior to the delivery of heavy equipment, so that continual drainage will be maintained.
6. Both during and after construction, Union shall monitor the impacts of construction, and shall file with the OEB one paper copy and one electronic (searchable PDF) version of each of the following reports:
 - a) a post construction report, within three months of the in-service date, which shall:
 - i. provide a certification, by a senior executive of the company, of Union's adherence to Condition 1;
 - ii. describe any impacts and outstanding concerns identified during construction;
 - iii. describe the actions taken or planned to be taken to prevent or mitigate any identified impacts of construction;
 - iv. include a log of all complaints received by Union, including the date/time the complaint was received, a description of the complaint, any actions taken to address the complaint, the rationale for taking such actions; and
 - v. provide a certification, by a senior executive of the company, that the company has obtained all other approvals, permits, licences, and certificates required to construct, operate and maintain the proposed project.
 - b) a final monitoring report, no later than fifteen months after the in-service date, or, where the deadline falls between December 1 and May 31, the following June 1, which shall:
 - i. provide a certification, by a senior executive of the company, of Union's adherence to Condition 1;
 - ii. describe the condition of any rehabilitated land;
 - iii. describe the effectiveness of any actions taken to prevent or mitigate any identified impacts construction;

- iv. include the results of analyses and monitoring programs and any recommendations arising therefrom; and
 - v. include a log of all complaints received by Union, including the date/time the complaint was received, a description of the complaint, any actions taken to address the complaint, the rationale for taking such actions.
7. For the purposes of these conditions, conformity of Union with CSA Z341 shall be to the satisfaction of the Ministry of Natural Resources and Forestry.
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Response:

Union Gas can accept the proposed conditions of approval.