

11.0 Addendum Correspondence

This section contains all of the correspondence sent and received over the course of the Addendum process. All agencies and members of the public that were sent any form of communication are included on the Distribution List.

This section also contains a copy of the information that was available to the public on the project website during the EA Addendum process.



June 9, 2015

«Company»
«Branch»
«Address»
«City» «Province» «Postal_Code»

Attention: «Attention»
«Title»

**Re: Central Grand Marais Drain Environmental Assessment
Notice of Amendment**

Dear «Special_Greeting»

In accordance with the approved procedures contained in the Municipal Class Environmental Assessment (EA), this letter is to advise you of a proposed amendment to the Class EA for the Central Grand Marais Drain that was originally completed in 2013. Details of the amendment can be found on the City of Windsor's website (www.citywindsor.ca) by searching the key words "Grand Marais Drain Amendment" in the upper right hand corner of the page. The first link will take you to the website which will provide the details of the amendment.

Interested persons wishing to provide input on the proposed amendments to the preferred solution are asked to provide written comment to Landmark Engineers Inc. before July 17, 2015. The comments received will be considered and addressed in the final addendum, wherever possible. Please note that only the proposed amendments are open for review.

Upon finalization of the EA Amendment, a final opportunity for public review and comment will be provided before ERCA and the City may proceed to construction. If you have any questions or require further details, please contact the undersigned.

Yours truly,

Landmark Engineers Inc.

David T. Killen, P.Eng.

2280 Ambassador Drive
Windsor, Ontario
Canada
N9C 4E4

Phone:
(519) 972-8052
Fax:
(519) 972-8644

www.landmarkengineers.ca



Professional Engineers
Ontario

Liz Michaud

Subject: Central Grand marais Drain Environmental Assessment - Proposed Amendment

From: Horrobin, Barry [<mailto:bhorrobin@police.windsor.on.ca>]

Sent: Thursday, July 02, 2015 4:19 PM

To: dkrutsch@landmarkengineers.ca; dkillen@landmarkengineers.ca

Subject: Central Grand marais Drain Environmental Assessment - Proposed Amendment

Dan and Dave:

Upon being notified of the above noted amendment, I reviewed the applicable documents/sketches pertaining to this and would advise as follows:

- The Windsor Police Service has no concerns with this amendment as it relates to the overall project. We do not feel it will have any negative impact to public safety. All our previous detailed comments submitted earlier for this project still apply as we understand things.

Respectfully,

Barry Horrobin, B.A., M.A., CLEP, CMM-III
Director of Planning & Physical Resources
Windsor Police Service

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Environmental Assessments/Master Plans

6th Concession Road/North Talbot Road Environmental Assessment

Banwell Corridor Environmental Assessment

Central Box Study Area Environmental Assessment

Completed Environmental Assessments

Downtown Transportation Strategy

Grand Marais Drain Study and Environmental Assessment

Grand Marais Drain Study and Environmental Assessment: Dougall Avenue to Walker Road

Notice of Amendment (June 2015)

Background:

In 2012, the Essex Region Conservation Authority (hereafter "ERCA"), in cooperation with the City of Windsor (hereafter "the City"), retained Landmark Engineers Inc. (hereafter "Landmark") to carry out an environmental assessment of the Grand Marais Drain from Dougall Avenue to Walker Road. This assessment, carried out in accordance with the requirements for Schedule 'B' projects under the Municipal Engineers Association's *Municipal Class Environmental Assessment*, was aimed at defining a scope of channel improvements to the previously unimproved sections along the drain corridor. The above-noted EA was completed in 2013, with a Notice of Completion published and distributed on 5 July 2013. As no requests for a Part II Order under the *Environmental Assessment Act* were submitted within the subsequent 30-day period, the assessment was considered complete. As a result, ERCA and the City subsequently carried out the planned improvements to the Grand Marais Drain between Dougall Avenue and South Cameron Boulevard in 2013-2014. ERCA and the City also retained Landmark Engineers to carry out detail design for the remainder of the planned improvements in 2014.

Proposed Amendments:

Over the course of the detail design process for the 'Segment 2' and 'Segment 3' portions of the Grand Marais Drain (as defined in the original assessment), Landmark noted that some elements of the 'preferred solution' warranted reconsideration. These included:

- the *On-line Pond* from *Segment 2* – further hydrologic modeling revealed that the pond would provide very limited flood flow attenuation on the Grand Marais Drain, relative to the very large amounts of excavation (and off-site soil disposal) that would be needed to construct the pond.
- disposal of sediments within the existing culverts of *Segment 3* – the proposed placement of GeoTube sediment containers within the existing culverts under the E.C. Row Expressway may be significantly more challenging from a technical perspective than originally anticipated. More practical, economical, and environmentally sound alternatives for on-site management of excavated sediments were identified over the course of the detail design process.

In addition to the above, it was noted that the site of the existing open-channel section of Segment 3 could potentially serve as a more practical and economical alternative for long-term sediment collection and management to the On-line Pond that had been originally proposed (as noted above).

Figure 1 - Depicts the plan as it was shown in the original EA

Figure 2 - Depicts the proposed amendments

[Figure 1 and 2](#)

Next Steps:

Interested persons wishing to provide input on the proposed amendments to the preferred solution are asked to provide written comment to Landmark Engineers Inc. at the address listed below before July 17, 2015.

The comments received will be considered and addressed in the final addendum, wherever possible. Please note that only the proposed amendments are open for review.

Upon finalization of the EA Amendment, a Notice of Filing of Addendum will be issued and posted on this website. A final opportunity for public review and comment will be provided at that time before ERCA and the City may proceed to construction.

Contacts:

If you wish to provide input to the study team, or if you have any questions or concerns regarding the project, you may contact the following individuals:

Essex Region Conservation Authority

Mr. John Henderson, P.Eng.
360 Fairview Avenue West, Suite 311
Essex, Ontario, N8M 1Y6
Phone: 519-776-5209 ext. 246
Email: jhenderson@erca.org

City of Windsor

Mr. Paul Mourad, P.Eng.
350 City Hall Square West, 3rd Floor
Windsor, Ontario, N9A 6S1
Phone: 519-255-6257 ext. 6119
Email: pmourad@city.windsor.on.ca

Landmark Engineers Inc.

Mr. Dave Killen, P.Eng.
2280 Ambassador Drive
Windsor, Ontario, N9C 4E4
Phone: 519-972-8052
Email: dkillen@landmarkengineers.ca

CENTRAL GRAND MARAIS DRAIN CLASS ENVIRONMENTAL ASSESSMENT AMENDMENT

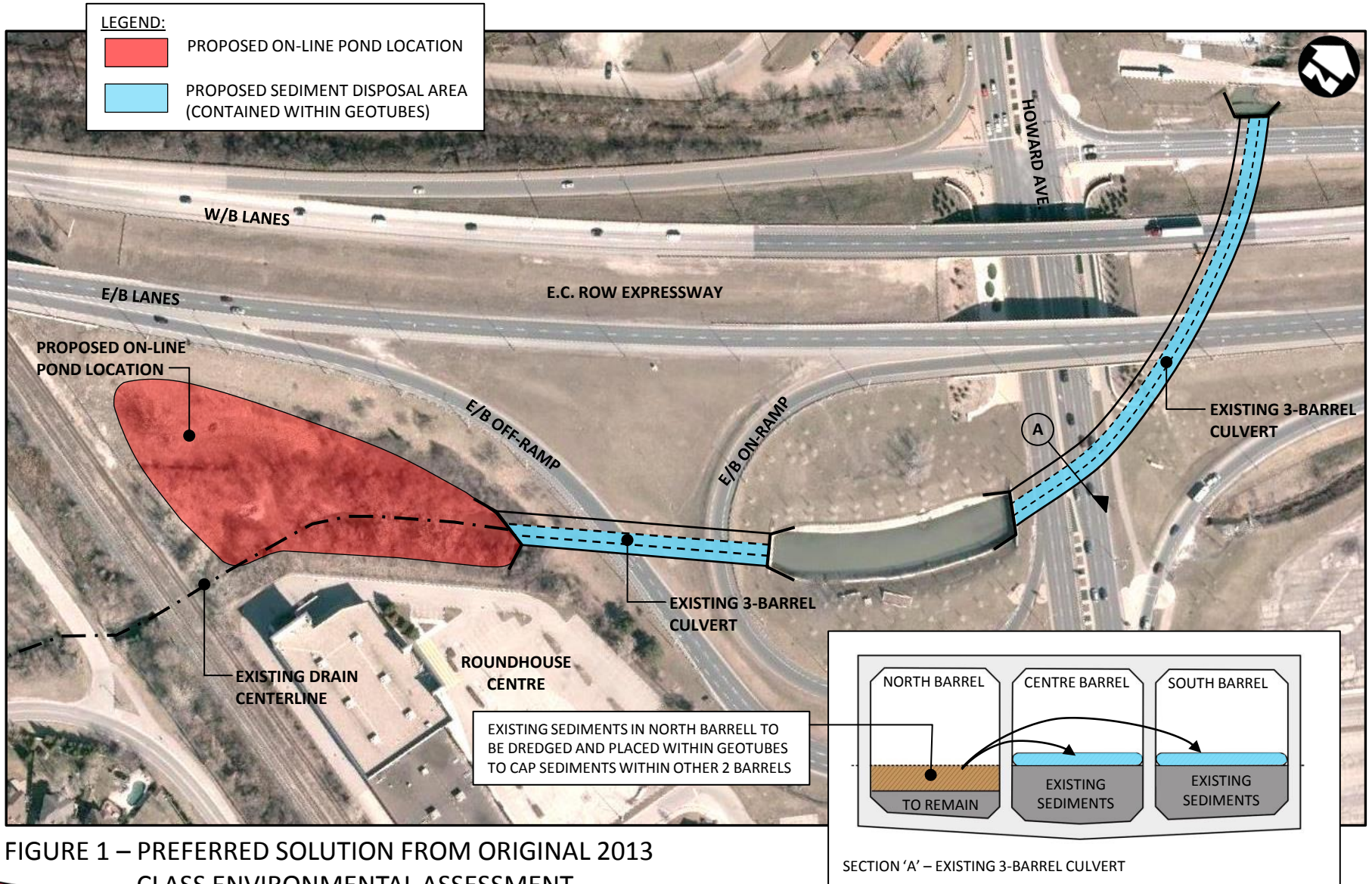


FIGURE 1 – PREFERRED SOLUTION FROM ORIGINAL 2013 CLASS ENVIRONMENTAL ASSESSMENT

CENTRAL GRAND MARAIS DRAIN CLASS ENVIRONMENTAL ASSESSMENT AMENDMENT

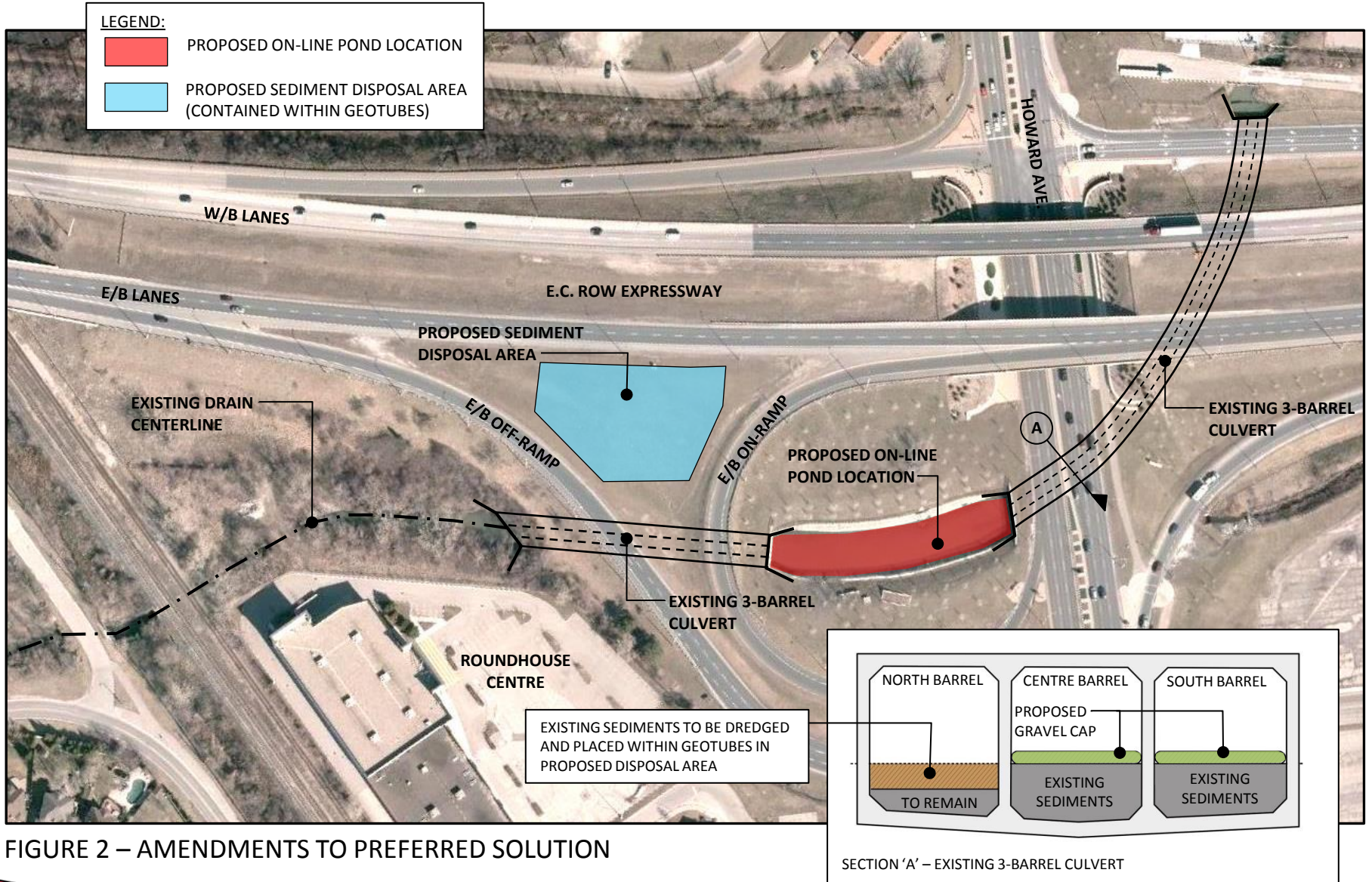


FIGURE 2 – AMENDMENTS TO PREFERRED SOLUTION

Addendum Distribution List - Grand Marais Drain Environmental Assessment

Company	Attention	Branch	Address	City	Province	Postal Code
Provincial Departments & Agencies						
Ministry of the Environment	Mr. Mike Moroney	MOE Sarnia District & MOE Windsor Area	1094 London Road	Sarnia,	Ontario	N7S 1P1
Ministry of the Environment	Mr. Craig Newton	London Regional Office	733 Exeter Road, 2 nd Floor	London,	Ontario	N6E 1L3
Ministry of the Environment	Mr. Scott McCharles	Windsor Area Office	4510 Rhodes Drive, Unit 620	Windsor,	Ontario	N8W 5K5
Ministry of the Environment	Mr. Archie Parastatidis	Windsor Area Office	4510 Rhodes Drive, Unit 620	Windsor,	Ontario	N8W 5K5
Ministry of the Environment	Ms. Teri Gilbert	Windsor Area Office	4510 Rhodes Drive, Unit 620	Windsor,	Ontario	N8W 5K5
Ministry of the Environment	Ms. Alison Munro	London Office, Exeter Road Complex	733 Exeter Road, Floor 1	London,	Ontario	N6E 1L3
Ministry of the Environment	Ms. Patricia Almost	London Office, Exeter Road Complex	733 Exeter Road	London,	Ontario	N6E 1L3
Ministry of the Environment	Mr. Ian Mitchell		101 17 th Street East, 3 rd Floor	Owen Sound,	Ontario	N4K 0A5
Ministry of the Environment	Ms. Nadine Benoit	Water Investigations	125 Resources Road, West Wing, 1 st Floor	Toronto,	Ontario	M9P 3V6
Ontario Ministry of Transportation	Mr. Gedes Mahabir	London Office, Exeter Road Complex	659 Exeter Road, 3 rd Floor	London,	Ontario	N6E 1L3
Ontario Ministry of Transportation	Ms. Cathy Giesbrecht	London Office, Exeter Road Complex	659 Exeter Road, 3 rd Floor	London,	Ontario	N6E 1L3
Ontario Ministry of Natural Resources	Ms. Heather Riddell	Aylmer District	615 John Street North	Aylmer,	Ontario	N5H 2S8
Ministry of Tourism, Culture and Sport	Mr. Peter Armstrong	Programs and Services Branch	401 Bay Street, Suite 1700	Toronto,	Ontario	M7A 0A7
Ministry of Aboriginal Affairs	Mr. David Pickles	Consultation Unit	160 Bloor Street E., 9 th Floor	Toronto,	Ontario	M7A 2E6

Addendum Distribution List - Grand Marais Drain Environmental Assessment

Company	Attention	Branch	Address	City	Province	Postal Code
Federal Departments & Agencies						
Transport Canada	Ms. Kelly Thompson	Marine Office	100 S. Front Street	Sarnia,	Ontario	N7T 2M4
Transport Canada	David Zeit		E-mail Preferred: Enviroont@tc.gc.ca			
Fisheries and Oceans Canada	Mr. David Gibson	Canada Center for Inland Waters	867 Lakeshore Road	Burlington,	Ontario	L7S 1A1
Fisheries and Oceans Canada	Ms. Chantal Larochelle		3027 Harvester Road, Unit 304, P. O. Box 85060	Burlington,	Ontario	L7R 4K3
Fisheries and Oceans Canada	Ms. Cindy Latendresse		867 Lakeshore Road	Burlington,	Ontario	L7S 1A1
Environment Canada – Ontario Region	Ms. Sandra Kok	Strategic Integration and Partnership Division, Great Lakes Area of Concern Section	867 Lakeshore Road	Burlington,	Ontario	L7R 4A6
Environment Canada	Mr. Tom Arsenault, C.E.T.	Water Survey Division, Meteorological Services of Canada	867 Lakeshore Road, P.O. Box #5050	Burlington,	Ontario	L7R 4A6

Addendum Distribution List - Grand Marais Drain Environmental Assessment

Company	Attention	Branch	Address	City	Province	Postal Code
Aboriginal Affairs						
Aboriginal Affairs and Northern Development Canada	Ms. Margaret Buist	Litigation Management and Resolution Branch	10 Wellington Street	Gatineau,	Quebec	K1A 0H4
Aboriginal Affairs and Northern Development Canada	Mr. Stephen Gagnon	Specific Claims Branch, Ontario Team	1310-10 Wellington Street	Gatineau,	Quebec	K1A 0H4
Aboriginal Affairs and Northern Development Canada	Ms. Allison Berman	Consultation and Accommodation Unit	8 th Floor, CAU Unit, 10 Wellington	Gatineau,	Quebec	K1A 0H4
Aboriginal Affairs and Northern Development Canada	Mr. Daniel Wren	Environment and Natural Resources	25 St. Clair Avenue East, 8 th Floor	Toronto,	Ontario	M4T 1M2
Aboriginal Affairs and Northern Development Canada	Mr. Sean Darcy	Assessment and Historical Research	10 Wellington Street, 16 th Floor	Gatineau,	Quebec	K1A 0H4
Aboriginal Affairs and Northern Development Canada	Ms. Kerri Hurley	Lands and Trusts Services	25 St. Clair Avenue West, 8 th Floor	Toronto,	Ontario	M4T 1M2
Aboriginal Affairs and Northern Development Canada	Ms. Nancy Boucher	Treaties and Aboriginal Government	10 Wellington Street, 16 th Floor	Gatineau,	Quebec	K1A 0H4
Aboriginal Affairs and Northern Development Canada	Mr. Perry Billingsley	Policies & Development Coordination Branch - Treaties	10 Wellington, 8 th Floor	Gatineau,	Quebec	K1A 0H4

Addendum Distribution List - Grand Marais Drain Environmental Assessment

Company	Attention	Branch	Address	City	Province	Postal Code
First Nations						
Walpole Island First Nation	Chief Daniel Miskokomon, cc: Dean Jacob	Bkejwanong Territory	R. R. #3	Wallaceburg,	Ontario	N8A 4K9
Aamjiwnaang First Nation	Chief Chris Plain		978 Tashmoo Avenue South	Sarnia,	Ontario	N7T 7H5
Moravian of the Thames	Chief Gregory Peters	Delaware Nation	R. R. #3, 14760 School House Line	Thamesville,	Ontario	N0P 2K0
Caldwell First Nation	Chief Louise Hillier		P. O. Box 388	Leamington,	Ontario	N8H 3W3
Oneida Nation of the Thames	Chief Sheri Doxtator		2212 Elm Avenue	Southwold,	Ontario	N0L 3C0
Chippewas of Kettle & Stoney Point	Chief Thomas Bressette		6247 Indian Lane	Kettle & Stoney Point, FN.	Ontario	N0N 1J1
Chippewas of the Thames First Nation	Chief Richard "Joe" Miskokomon		320 Chippewa Road, R. R. #1	Muncey,	Ontario	N0L 1Y0
Munsee-Delaware Nation	Chief Roger Thomas		R. R. #1	Muncey,	Ontario	N0L 1Y0
Six Nations of the Grand River Territory	Chief Ava Hill		P. O. Box 5000	Ohsweken,	Ontario	N0A 1M0
Metis Nation of Ontario	Mr. Hank Rowlinson	Land, Resources and Consultation	75 Sherbourne St., Suite 222	Toronto,	Ontario	M5A 2P9
Metis Nation of Ontario	Mr. Aly Alibhai	Lands Resources and Consultations	500 Old St. Patrick Street, Unit D	Ottawa,	Ontario	K1N 9G4
Metis Nation of Ontario	President - Council	Windsor-Essex Metis Council	600 Tecumseh Road East	Windsor,	Ontario	N8X 4X9
Metis Nation of Ontario	James Wagner		E-mail Preferred: jamesw@metisnation.org and reception@metisnation.org			

Addendum Distribution List - Grand Marais Drain Environmental Assessment

Company	Attention	Branch	Address	City	Province	Postal Code
Municipal Departments, Agencies & Utilities						
Hydro One Network	Ms. Cindy MacNamara	Planning Department	56 Embro Street, P. O. Box 130	Beachville,	Ontario	N0J 1A0
Essex Power Corporation	Mr. Ray Tracey		2730 Hwy #3	Oldcastle,	Ontario	NOR 1L0
Hydro One Network	Mr. Jim Oriotis		185 Clegg Road	Markham,	Ontario	L6G 1B7
Union Gas Ltd.	Ms. Andrea Seguin		3840 Rhodes Drive, P. O. Box 700	Windsor,	Ontario	N9A 6N7
Enwin Utilities	Mr. Marvio Vinhaes	Windsor Utilities Commission	4545 Rhodes Drive, P. O. Box 1625, Station A	Windsor,	Ontario	N9A 5T7
Enwin Utilities	Mr. John Wladarski	Windsor Utilities Commission	4545 Rhodes Drive, P. O. Box 1625, Station A	Windsor,	Ontario	N9A 5T7
Bell Canada	Mr. Tyson Feurth		1149 Goyeau Street, 1 st Floor	Windsor,	Ontario	N9A 1H9
Bell Canada	Mr. Randy Matis		1149 Goyeau Street, 1 st Floor	Windsor,	Ontario	N9A 1H9
Cogeco Cable	Mr. Bill Sorrell		2525 Dougall Avenue	Windsor,	Ontario	N8X 5A7
Greater Essex County District School Board	Ms. Erin Kelly		451 Park Street West, Box 210	Windsor,	Ontario	N9A 6K1
Windsor-Essex Catholic District School Board	Mr. Paul Picard		1325 California Avenue	Windsor,	Ontario	N9B 3Y6
Ministry of Agriculture	Mr. Drew Crinklaw	Food and Rural Affairs	667 Exeter Road	London,	Ontario	N6E 7L3
County of Essex	Mr. Tom Bateman, P.Eng.	County Engineering Department	360 Fairview Avenue West	Essex,	Ontario	N8M 1Y6
County of Essex	Mr. James Bryant, E.I.T., B.A.Sc.	County Engineering Department	360 Fairview Avenue West	Essex,	Ontario	N8M 1Y6
County of Essex	Mr. Bill King	County Planning Department	360 Fairview Avenue West	Essex,	Ontario	N8M 1Y6
Town of LaSalle	Mr. Robert Rudak		5950 Malden Road	LaSalle,	Ontario	N9H 1S4
Hydro One Networks Inc.	Mr. Anthony Ierullo		483 Bay Street, TCT15, North Tower	Toronto,	Ontario	M5G 2P5
Citizens Environment Alliance	Mr. Derek Coronado		1950 Ottawa Street	Windsor,	Ontario	N8Y 1R7
Continental Rail Gateway	Mr. Michael Rohrer		3190 Sandwich Street	Windsor,	Ontario	N9C 1A6
Canadian Pacific Railway	Mr. Jack Carello	CP Southern Ontario	1290 Central Parkway West, Suite 800	Mississauga,	Ontario	L5C 4R3

Addendum Distribution List - Grand Marais Drain Environmental Assessment

Company	Attention	Branch	Address	City	Province	Postal Code
Canadian National Railway	Mr. Derek Basso	Eastern Canada Division of Engineering	4 Welding Way	Concord,	Ontario	L4K 1B9
Windsor Bicycling Committee	Dr. Christopher Waters	c/o Ms. Karen Kadour, Council Services Dept.	350 City Hall Square West, Room 203	Windsor,	Ontario	N8T 1W3
Windsor Heritage Committee	Mr. John Colhoun	c/o Ms. Karen Kadour, Council Services Dept.	350 City Hall Square West, Room 203	Windsor,	Ontario	N9A 6S1
Windsor Accessibility Advisory Committee	Ms. Gail Jones	c/o Ms. Karen Kadour, Council Services Dept.	350 City Hall Square West, Room 203	Windsor,	Ontario	N9A 6S1
Windsor-Essex County Environment Committee	Ms. Averil Parent		4155 Ojibway Parkway	Windsor,	Ontario	N9C 4A5
Windsor Police Services	Mr. Barry Horrobin	Office of the Chief of Police	P.O. Box 60	Windsor,	Ontario	N9A 6J5
Ministry of Municipal Affairs & Housing	Ms. T. Ryall	Southwestern Municipal Services Office	659 Exeter Road, 2 nd Floor	London,	Ontario	N6E 1L3
Tourism Windsor Essex Pelee Island	Mr. Gordon Orr		333 Riverside Drive West, Suite 103	Windsor,	Ontario	N9A 7C5
Woodall Construction Co. Limited	Mr. John Woodall		620 North Service Road	Windsor,	Ontario	N8X 3J3
Scotts Trustee Corporation	Manager	Soul Restaurants Canada Inc. (K of C)	4950 Yonge Street, Suite 2001	Toronto,	Ontario	M2N 6K1
Taipan Canada Inc.	Ms. Julie Decicco		8201 Weston Road, Unit 6	Vaughn,	Ontario	L4L 1A6
531651 Ontario Limited	Ms. Antonietta Desimone		1544 Conte Cres.	LaSalle,	Ontario	N9J 3N4
Hydro One Networks Inc.			E-mail Preferred: SecondaryLandUse@HydroOne.com			
CAW Windsor Regional Environment Council - Mark Bartlett			E-mail Preferred: mbartlett@local444.caw.ca			

Addendum Distribution List - Grand Marais Drain Environmental Assessment

Name	Address	City	Province	Postal Code
<u>Public and Property Owners</u>				
Ms. Anna Maria Fantin	241 Golfview Drive	Amherstburg,	Ontario	N9V 4C1
Mr. & Mrs. John Korcok	991 Porrone Street	Kingsville,	Ontario	N9Y 3Y9
Mr. Elio Fogolin	2833 Byng Road	Windsor,	Ontario	N8W 3G5
Mr. Jalil Farah	1975 Grand Marais Road East	Windsor,	Ontario	N8W 1W3
Ms. Toni Jebran	623 Grand Marais Road East	Windsor,	Ontario	N8X 3H6
Ms. Nancy MacDonald- LETTER RETURNED 6/22/15 - owner moved	629 Grand Marais Road East	Windsor,	Ontario	N8X 3H6
Ms. Marisa De Franceschi	606 Hanley Crescent	Windsor,	Ontario	N9G 1M4
Mr. Joe Karam	643 Grand Marais Road East	Windsor,	Ontario	N8X 3H6
Mr. & Mrs. James Bailie	661 Grand Marais Road East	Windsor,	Ontario	N8X 3H6
LZR Technologies Limited - Attn: Mr. John Vizler	2841 Walker Road	Windsor,	Ontario	N8W 3R2
Mr. Mark Buckner	391 Bruce Avenue	Windsor,	Ontario	N9A 4W6
Windsor Essex County Health Unit - Attn: Ms. Cathy Copot-Nepszy	360 Fairview Avenue W., Suite 215	Windsor,	Ontario	N8M 1Y3
Mr. David Hanna	4119 Mount Royal	Windsor,	Ontario	N9G 2C3
Mr. P. Hannon	1440 Hickory Road	Windsor,	Ontario	N8Y 3S7
Mr. Hilary Payne	4640 Tournament Court	Windsor,	Ontario	N9G 2P8
Mr. Bill Salzer	3199 Dougall Avenue	Windsor,	Ontario	N9E 1S5



Essex Region
Conservation
Authority



CENTRAL GRAND MARAIS DRAIN CLASS ENVIRONMENTAL ASSESSMENT

NOTICE OF FILING OF ADDENDUM

In accordance with the approved procedures contained in the Municipal Class Environmental Assessment (EA), an Addendum has been completed to the Class EA for the Central Grand Marais Drain that was originally completed in 2013. Subject to comments received as a result of this Notice, and the receipt of necessary approvals, the City of Windsor may proceed with the construction of the project.

The Addendum is available for review at the following locations:

Windsor Public Library (Central Branch)
850 Ouellette Avenue
Windsor, ON N9A 4M9
Mon – Thurs: 9:00am to 8:00pm
Fri - Sat: 9:00am to 5:00pm
Ph: (519) 255-6770

City of Windsor
City Hall, Clerk's Office
350 City Hall Square West, Suite 203
Windsor, ON N9A 6S1
Mon – Fri: 8:30am to 4:30pm
Ph: (519) 255-6100 ext. 6378

Further information may also be obtained from Landmark Engineers Inc., 2280 Ambassador Drive, Windsor, ON N9C 4E4 (Phone: 519-972-8052), Attention: Mr. David Killen, P.Eng.

Interested persons should provide written comment to Landmark Engineers Inc. or the City Clerk's office within 30 calendar days from the date of this Notice. Please note that only the changes proposed in the Addendum are open for review.

If the concerns cannot be resolved, a person may request that the Minister of the Environment make an order for the project to comply with Part II of the Environmental Assessment Act (referred to as a Part II Order) which addresses individual environmental assessments. Part II Order requests must detail the issues of concern and the rationale behind the request. Requests must be received by the Minister at the address listed below by September 18th, 2015. A copy of the Part II Order request must also be sent to the City of Windsor at the address listed above. If no Part II Order requests are received by September 18th, 2015, the City of Windsor may proceed with construction as outlined in the Addendum.

Part II Order requests should be sent to:

Minister of the Environment
135 St. Clair Ave. W., 12th Floor
Toronto, Ontario M4V 1P5



August 12, 2015

«Company»
«Branch»
«Address»
«City» «Province» «Postal_Code»

Attention: «Attention»
«Title»

**Re: Central Grand Marais Drain Environmental Assessment
Notice of Filing of Addendum**

Dear «Special_Greeting»

In accordance with the approved procedures contained in the Municipal Class Environmental Assessment (EA), this letter is to advise you that an Addendum has now been completed to the Class EA for the Central Grand Marais Drain which was originally completed in 2013. Attached for your reference is a copy of the Notice of Filing of Addendum.

Subject to comments received as a result of this Notice, and the receipt of necessary approvals, the City of Windsor may proceed with the construction of the project.

Yours truly,

Landmark Engineers Inc.

David T. Killen, P.Eng.

Encl.

2280 Ambassador Drive
Windsor, Ontario
Canada
N9C 4E4

Phone:
[519] 972-8052
Fax:
[519] 972-8644

www.landmarkengineers.ca



Professional Engineers
Ontario



August 21, 2015

City of Windsor
City Hall, Clerk's Office
350 City Hall Square West, Suite 203
Windsor, ON
N9A 6S1

c/o Landmark Engineers Inc.
2280 Ambassador Drive
Windsor, ON
N9C 4E4

Attention: David Killen, P.Eng

Regarding Project: **Central Grand Marais Drain, City of Windsor**

Dated: **August 21, 2015**

Dear Mr. Killen,

In regards to the proposed Drainage Work for the Central Grand Marais Drain, City of Windsor, Union Gas has no concerns with this proposal. However, Union Gas Ltd. must be consulted if this proposal deviates from the current plan in any way, or if any conflicts with our natural gas facilities are identified.

Note: Union Gas Ltd. has facilities in the area of the proposed work, and the constructor must have valid locates for the entire length of the job, prior to commencing construction. These facilities include some of our large diameter, high pressure transmission lines, running along the west side of the Canadian Southern Railway, and along the east side of Howard Ave. Third party inspection will be required if in the vicinity of these lines.

Please contact the undersigned if you have any questions or if you require additional information in regards to this notification.

Regards,

Stephanie Demakos

District EIT, Construction & Growth Windsor/Chatham
Union Gas Limited
519-250-2200 ext. 5296720
sdemakos@uniongas.com



A faithful man
will be richly blessed.

PROVERBS 28:20

August
23/2015

Mr. David Killeen
Landmark Engineers Inc.

Dear Sir:

I have read with interest the ADDENDUM
on the Central Grand Marais Drain.

My one question or concern is this.

(Why create a potentially toxic landfill site?)
(Simply truck the sediment to an EXISTING site)

Best regards
David Munro

3915 Southwind Drive #305
Windsor Ont. N9C 2S8
dmunro@masi.net

Liz Michaud

From: Dave Killen <dkillen@landmarkengineers.ca>
Sent: Friday, September 18, 2015 10:30 AM
To: lmichaud@landmarkengineers.ca
Subject: FW: Yesterday's meeting

From: David Munro [<mailto:dmunro@mnsi.net>]
Sent: Wednesday, September 02, 2015 12:48 PM
To: Dave Killen; Dan Krutsch
Cc: Claire Sanders; henderson99@gmail.com; Ian Naisbitt
Subject: Yesterday's meeting

Dear Dave and Dan:

I just wanted to thank you very much for spending a considerable length of time with me (from 10:30 a.m. to 12:30 p.m.) answering my questions and concerns about the Grand Marais Drain and the Broadway Drain.

The City of Windsor and Essex County are very fortunate indeed to have Landmark Engineers Inc. at the forefront of our environmental concerns.

Good luck to you and your Engineering team Dave and Dan.

These are indeed exciting times!

Sincerely:

David Munro

Chair: Land use Subcommittee

Little River Enhancement Group

Member: DRCC (Detroit River Canadian Cleanup)

PAC (Public Advisory Council)

Liz Michaud

From: Dave Killen <dkillen@landmarkengineers.ca>
Sent: Friday, September 18, 2015 10:29 AM
To: lmichaud@landmarkengineers.ca
Subject: FW: Proposed pond location Grand Marais Drain

From: David Munro [<mailto:dmunro@mnsi.net>]
Sent: Tuesday, September 15, 2015 5:53 AM
To: Dave Killen
Cc: Dan Krutsch; henderson99@gmail.com; Ian Naisbitt; Claire Sanders
Subject: Re: Proposed pond location Grand Marais Drain

Hi Dave:

Thanks very much for your reply. (Looking at your 2013 proposal it would “appear” that the walls would not be cemented and a more “natural pond” would have evolved.)

Regards:
David

From: [Dave Killen](#)
Sent: Monday, September 14, 2015 3:36 PM
To: '[David Munro](#)'
Cc: '[Dan Krutsch](#)' ; henderson99@gmail.com ; '[Ian Naisbitt](#)' ; '[Claire Sanders](#)'
Subject: RE: Proposed pond location Grand Marais Drain

Good afternoon, David –

The pictures that you forwarded here are indeed of the proposed pond site. To address your questions, I can offer the following:

- There is no plan at the present time to remove the concrete side walls. Since the purpose of the revised on-line pond is to provide a location for sediments to settle out and be collected for future off-site disposal, keeping the concrete lining would help to keep things clean and contained during future sediment removal operations.
- With regard to the pipe that you observed emptying into the drain, I can confirm that it conveys only stormwater from the Expressway to the Grand Marais Drain.
- With regard to the potential of this site for a nursery/spawning area, that would not be compatible with the intended use of the facility for sediment collection & management. The use of ‘softer’ and more natural materials is proposed for the channel banks along the remainder of the Grand Marais Drain study area, but this particular segment is intended to be kept concrete to facilitate sediment management.

I hope that this addresses your concerns. Please feel free to call if you have any further questions.

Regards,

Dave Killen, P.Eng.
Landmark Engineers Inc.

From: David Munro [<mailto:dmunro@mnsi.net>]
Sent: Monday, September 14, 2015 12:38 PM
To: Dave Killen
Cc: Dan Krutsch; henderson99@gmail.com; Ian Naisbitt; Claire Sanders
Subject: Proposed pond location Grand Marais Drain

Hi Dave:

I took some pictures this morning of the proposed "2015 pond location" (I believe) on the Grand Marais Drain. { This location is just west of Howard Avenue }

Dave, I was wondering if the "Concrete Sidewalls" could be removed?

Picture no. 2 shows a blue / green drainage pipe (on the north side of the drain) which would empty into the Grand Marais Drain.

Do you know if it is just storm water that would come out of this drain pipe?

Dave, I believe that you told me that weirs were going to be placed at both ends of the proposed pond.

Do you know if this pond could also be used as a nursery and spawning area?

I would certainly appreciate any information that you could forward to me regarding the proposed pond on the Grand Marais Drain.

Best regards:

David

No virus found in this message.

Checked by AVG - www.avg.com

Version: 2015.0.6125 / Virus Database: 4419/10634 - Release Date: 09/13/15

Liz Michaud

Subject: FW: Opening up Geo Tubes

From: Dave Killen [<mailto:dkillen@landmarkengineers.ca>]
Sent: Monday, September 14, 2015 3:11 PM
To: 'David Munro'
Cc: Dan Krutsch (dkrutsch@landmarkengineers.ca)
Subject: RE: Opening up Geo Tubes

Good afternoon, David –

You are correct that it is our intention to place the GeoTubes in the area between the E.C. Row off-ramp and on-ramp, just west of Howard Avenue, then cover them with at least half a metre of clean soil before applying grass seed and mulch. The Risk Assessment report that was completed by Golder Associates for this sediment disposal strategy (included in the EA Amendment Project File) indicated that the environmental and safety risks associated with the plan could be readily managed.

We did look at the possibility of trucking the material to the local landfill. Given the quantity of material involved (approx. 2800 cubic metres), the cost of loading the material onto trucks, the cost of trucking, and the standard tipping fee that is charged at the landfill for disposal, however, the cost became a major issue. Noting that there are also risks associated with loading and trucking the material away, it was concluded that the additional cost would not provide good value for the City or the environment.

I hope that helps to clarify things!

Regards,

Dave Killen, P.Eng.
Landmark Engineers Inc.

From: David Munro [<mailto:dmunro@mnsi.net>]
Sent: Wednesday, September 09, 2015 12:09 PM
To: dkillen@landmarkengineers.ca
Subject: Opening up Geo Tubes

Hi Dave:

I hope things are going well. I noticed on the internet that a Geotube container can be opened up, after a period of time, and the dried sludge can be taken to a landfill site. Would this be too costly to do here at the Grand Marais Drain Site? I believe we were going to bury the tubes at the side of the expressway and then cover up with dirt and grass.

Please reply when you can.

Best regards:
David

Liz Michaud

From: Carrie Ann Peters <health@caldwellfirstnation.ca>
Sent: Wednesday, September 09, 2015 11:20 AM
To: 'Liz Michaud'
Subject: RE: Grand Marais Drain EA Addendum Information

Thank you Liz!

The address is correct.

I will pass this info along to Chief.

Have a great day

Miigwech,
CarrieAnn Peters
Community Wellness Worker
Caldwell First Nation
519-322-1766

From: Liz Michaud [<mailto:lmichaud@landmarkengineers.ca>]
Sent: September-09-15 11:12 AM
To: health@caldwellfirstnation.ca
Subject: Grand Marais Drain EA Addendum Information

Good Morning Carrie Ann,

I am forwarding this information to you on behalf of Dan Krutsch in response to your message.

Below I have included some background and discussion of the proposed amendments to the Environmental Assessment:

Background:

In 2012, the Essex Region Conservation Authority (hereafter "ERCA"), in cooperation with the City of Windsor (hereafter "the City"), retained Landmark Engineers Inc. (hereafter "Landmark") to carry out an environmental assessment of the Grand Marais Drain from Dougall Avenue to Walker Road. This assessment, carried out in accordance with the requirements for Schedule 'B' projects under the Municipal Engineers Association's Municipal Class Environmental Assessment, was aimed at defining a scope of channel improvements to the previously unimproved sections along the drain corridor.

The above-noted EA was completed in 2013, with a Notice of Completion published and distributed on 5 July 2013. As no requests for a Part II Order under the Environmental Assessment Act were submitted within the subsequent 30-day period, the assessment was considered complete. As a result, ERCA and the City subsequently carried out the planned improvements to the Grand Marais Drain between Dougall Avenue and South Cameron Boulevard in 2013-2014. ERCA

and the City also retained Landmark Engineers to carry out detail design for the remainder of the planned improvements in 2014.

Proposed Amendments:

Over the course of the detail design process for the 'Segment 2' and 'Segment 3' portions of the Grand Marais Drain (as defined in the original assessment), Landmark noted that some elements of the 'preferred solution' warranted reconsideration. These included:

- the On-line Pond from Segment 2 – further hydrologic modeling revealed that the pond would provide very limited flood flow attenuation on the Grand Marais Drain, relative to the very large amounts of excavation (and off-site soil disposal) that would be needed to construct the pond.
- disposal of sediments within the existing culverts of Segment 3 – the proposed placement of GeoTube sediment containers within the existing culverts under the E.C. Row Expressway may be significantly more challenging from a technical perspective than originally anticipated. More practical, economical, and environmentally sound alternatives for on-site management of excavated sediments were identified over the course of the detail design process.

In addition to the above, it was noted that the site of the existing open-channel section of Segment 3 could potentially serve as a more practical and economical alternative for long-term sediment collection and management to the On-line Pond that had been originally proposed (as noted above).

Please refer to the attachment entitled Addendum Figures:

Figure 1 - Depicts the plan as it was shown in the original EA

Figure 2 - Depicts the proposed amendments

On August 17th, 2015, the Notice of Filing of Addendum was mailed out to all project stakeholders. A copy was sent to you at the following address:

Chief Louise Hillier
P.O. Box 388
Leamington, Ontario
N8H 3W3

Please confirm the address above is correct so that we can ensure you receive all future correspondence. I have attached a copy of the letter and notice for your records.

If you have any comments regarding the addendum please forward them to us so that they can be included in the project. If you would require more information, please contact either Dave Killen or myself at the number below. We would be happy to discuss the project with you at any time.

Thank you,

Liz Michaud

Landmark Engineers Inc.

2280 Ambassador Drive

Windsor, ON, N9C 4E4

p (519) 972-8052

f (519) 972-8644

e-mail: lmichaud@landmarkengineers.ca