

45 Vogell Road, Suite 310 Richmond Hill, Ont. L4B 3P6 Tel. (905) 770-3353 Fax. (905) 770-8675

July 29, 2015

Ms. Sherri Young Secretary National Energy Board 444-7th Avenue S.W Calgary, Alberta T2P 0X8

Dear Ms. Sherri:

SUBJECT: Notification for Trans-Northern Pipelines (TNPI) Maintenance

Activity within 30 meters of a water body,

Two Integrity Investigations on the NPS10 HAJ-OA pipeline section

**TNPI Reference:** MP-380.3-2014 & MP-371.5-2014

Notice of Pipeline Maintenance Works at two (2) identified locations on Trans-Northern Pipelines system.

## 1. MP-380.3-2014

- a. A section of the NPS 10 pipeline from Hamilton Junction to Oakville Station, there exists a pipeline anomaly recommended for investigation through a fitness for service assessment.
- b. The pipeline section is 18.9km long, NPS10, 0.307"wall thickness, Grade API 5Lx46 and could potentially carry Diesel, Gasoline, Furnace & Stove oil.
- c. The work location is closest to the City of Hamilton, Ontario.
- d. Work location & access is within 30 meters of Lake Ontario, TNPI plans to use power equipment within proximity but will not encroach onto the lake or disturb the wetted perimeter.
- e. The lake is a fish bearing water body, thus the project plan and field crew will treat the creek as fish bearing and erect all the necessary environmental protection protocols as required by Trans-Northern Pipelines Environmental Practices Manual. The water body is navigable. Approximate GPS coordinates: Lat: 43.270583°, Long: -79.775620°



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3.

## 4. MP-371.5-2014

- a. A section of the NPS 10 pipeline from Hamilton Junction to Oakville Station, there exists a pipeline anomaly recommended for investigation through a fitness for service assessment.
- b. The pipeline section is 18.9km long, NPS10, 0.307"wall thickness, Grade API 5Lx46 and could potentially carry Diesel, Gasoline, Furnace & Stove oil.
- c. The work location is closest to the City of Hamilton, Ontario.
- d. Work location & access is within 30 meters of water drain, TNPI plans to use power equipment within proximity but will not encroach onto the drain or disturb the wetted perimeter.
- e. The drain is not a fish bearing water body, none the less TNPI will erect all the necessary environmental protection protocols as required by Trans-Northern Pipelines Environmental Practices Manual. The water body is not navigable.

Approximate GPS coordinates: Lat: 43.376315°, Long: -79.757435°

For reasons related to pipeline integrity & maintenance along the TNPI pipeline alignment, Trans-Northern must now proceed to investigate two pipeline anomalies. Trans-Northern hereby gives notice of its intention to proceed with this work, to commence ground disturbance with powered equipment <=30m of a water body as early as August 28, 2015. The approximate duration of the project is expected to be less than 10 working days per site once the crew has mobilized to the work site.

Tentative start date:

MP-371.5-2014 → August 31, 2015 MP-380.3-2014 → September 8, 2015

Trans-Northern Pipelines Inc. field contact will be representing TNPI on site for the whole duration of the project in the field.

Trans-Northern field liaison has established contact & will obtain approval with the respective Ministry of Natural Resources district office, the Hamilton Region Conservation Authority & the current landowners.



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Please see the attached NEB operations and Maintenance (O&M) Notice form for additional details pertaining to the subject notification.

Should you have any questions, or require addition information, please do not hesitate to contact, TNPI's Engineering Department through Mr. Michael Tai at (905) 770-3353 ext.221, alternatively: <a href="mailto:mtai@tnpi.ca">mtai@tnpi.ca</a>

Sincerely,





**Michael Tai, P.Eng** | Engineer | 45 Vogell Road, Suite 310 | Richmond Hill, Ontario | L4B 3P6 | mtai@tnpi.ca | (905) 770-3353 Ext. 221 | (905) 770-8675 FAX

Form NEB O&M Notice.xls



### TRANS-NORTHERN PIPELINES INC.

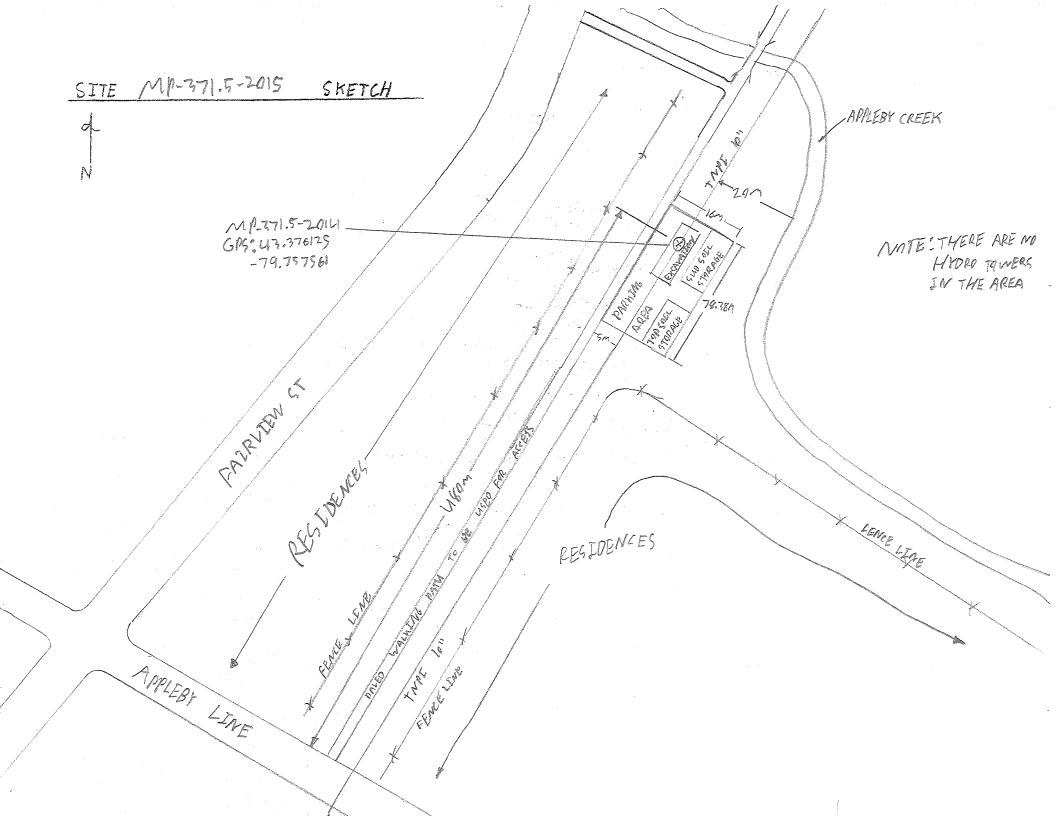
NEB Operations and Maintenance (O & M) Notice  Notification in accordance with The National Energy Board Act										
FACILITY MAINTENANCE PIPELINE INSPECTION/MAINTENACE										
Project Name:         2015 Pipeline Integrity Investigations           IFS ID:         T-15000008           Date:         29-Jul-15           TNPI Contact:         Michael Tai         Phone No.:         905-770-3353 ext. 221           Alternate:         Daniel Luff         Phone No.:         416-436-0135										
Alternate: Daniel Luff Phone No.: 416-436-0135										
Location: (Legal Land Description) City of Hamilton										
TNPI reference: (MP, R/W, Lot, Con & Mile Post) MP-380.3-2014 & MP-371.5-2014										
1. Activity involves the acquisition of new permanent land 2. Activity involves the construction of an aerial crossing (not on TNPI lands) 3. Unresolved 3rd party concerns relating specifically to proposed activity  YES  NO  NO										
If yes, affix a record of consultation undertaken with the 3rd pary(ies), or rational for no consultation  4. Activity within 200m of buildings or within an emergency planning zone, where  ≥ 4 stories, schools, hospitals, prison or other, routinely congregate in groups >50 people										
5. Activity replaces pipeline >100m and <5km in length										
6. Activity incorporates a pressure test by means other than hydrostatic testing 7. Prior to the Activity TNPI has not welded in Service pipe previously YES NO										
8. Ground disturbance with power equipment ≤ 30m of a wetland or water body YES NO										
TNPI "Environmental Practices Manual" relavant section(s): 2.1, 3.0, 4.3.1, 4.5  Other TNPI Manual References:										
Description of the planned Activity:  Trans-Northern Pipelines Inc integrity department has identified two pipeline anomalies for investigation this year (2015) on an inspectable pipeline section located in the City of Hamilton. Investigation includes, the daylight of the pipeline, NDE of the respective features, potential pipeline repair, pipe recoat and restoration of the site.										
Rational for the activity of project:  Through the efforts of Trans-Northern Pipelines Inc Engineering & Integrity department we have identified two pipeline features for investigation and potential repair  INPT has consulted with the land owner, Ministry of Natural Resouces and will acquire permit from the										
Consultation Performe Hamilton Region Conservation Authority before proceeding with work.										
Planned Start Date: 2015 8 28 Estimated Activity Duration: 5 days per site										
Y M D Months Days  NEB Notification is required 21 workings days prior to commencement of the O&M Activity										
Notice Completed By Date										



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MP-371.5-2014 Work Site Sketch







45 Vogell Road, Suite 310 Richmond Hill, Ont. L4B 3P6 Tel. (905) 770-3353 Fax. (905) 770-8675



905.336.1158 Fax: 905.336.7014 2596 Britannia Road West Burlington, Ontario L7P 0G3 conservationhalton.ca

Protecting the Natural Environment from Lake to Escarpment

July 14, 2015

Khaled Kattan 45 Vogell Road, Suite 103 Richmond Hill, ON L4B 3P6

Dear Mr. Kattan:

Re:

Proposed maintenance works including a trench and pipe repairs within the regulation limits associated with both the flooding and erosion hazards associated with Appleby Creek Behind 632 Bridle Wood [TNPI Site MP-371.5-2015]

City of Burlington CH File: A/15/B/30

### **Proposal**

Please find enclosed **Permit No.4875** issued in accordance with Ontario Regulation 162/06, for the above noted proposal.

Staff have reviewed the following files regarding the above noted proposal:

Trans-Northern Pipeline Inc. Environmental Protection Plan – Site Plan prepared by WSP June 2015, received by Conservation Halton June 15, 2015 stamped approved July 14, 2015, redlined to include dewatering control details as indicated via email from WSP to Conservation Halton July 8th, 2015.

The proposed work involves routine maintenance work of an existing pipeline. The works include the temporary excavation of a 30 metre trench, 3 metres in width and 2 metres in depth, to inspect and repair the pipeline. Please note that the proposed development meets Policy 3.51 of Conservation Halton's Policies and Guidelines for the Administration of Ontario Regulation 162/06 and Land Use Planning Document, Revised August 11, 2011.

Staff has no objection to the approval of the permit application subject to the following conditions:

- a. That all grades be returned to existing conditions.
- b. That all disturbed areas be stabilized immediately following the completion of construction to the satisfaction of Conservation Halton.
- c. That excess fill (soil or otherwise) generated from the proposed works shall not be stockpiled or disposed of within any area regulated by Conservation Halton, pursuant to Ontario Regulation 162/06.

d. That effective sediment and erosion control measures be installed prior to starting work, maintained during construction and fully removed once all disturbed areas have been stabilized. That site conditions be monitored and that the sediment and erosion control measures be modified if site conditions warrant it.

Please be sure that you read and understand all conditions listed on the enclosed Permit (and included below). Please also note that contravention of a Permit, or the terms and conditions of a Permit, is considered an offence under Section 28(16) of the Conservation Authorities Act. It is your responsibility to ensure that any person working under the authority of this Permit is familiar, and complies with, the terms and conditions.

Conservation Halton must be contacted a minimum of 48 hours prior to commencement of construction. This Permit or a copy thereof as well as all approved drawings must be available at the site. Any changes to the approved design or installation methods must be reviewed and approved by Conservation Halton staff prior to their implementation. This Permit is valid two years from the dated it is issued.

Please be advised that should you have any objection to any of the conditions of the permit, you are entitled to request a hearing before the Authority, in accordance with Section 28(12) of the Conservation Authorities Act. A written notice of your request for a hearing must be received by staff within 30 days of the date of this letter. Please note that if a hearing has been requested, this permit approval is withdrawn until such time as the hearing results have been finalized and commencement of any site alteration must not occur until the results of the Hearing are determined.

We trust the above is of assistance in this matter. Should you require further information, please contact Cassandra Connolly, Environmental Planning Analyst, at extension 2301.

Sincerely,

Barbara Veale, PHD, MCIP, RPP

Manager, Planning & Regulations

Encl. 2

Cc: City of Burlington, Building Department (Permit and Drawings)

Khaled Kattan, TNPI, Owner (Permit and Drawings)
Jaclyn Rodo, WSP Group, Agent (Permit and Drawings)



2596 Britannia Road West **Burlington, ON L7P 0G3** 

Telephone: 905 336-1158 Fax: 905 336-6684

**PERMIT #: 4875** 

FILE #: A/15/B/30

# PERMIT

IN ACCORDANCE WITH SECTION 3 OF REGULATION 162/06, PERMISSION HAS BEEN GRANTED TO:

Owner's Name:

Khaled Kattan

Phone: 289-475-5354

Mailing Address:

45 Vogell Road, Richmond Hill ON, L4B 3P6

Agent/Contractor:

WSP

Phone: 705-743-6850

294 Rink Street, Peterborough ON, K9J 2K2

Property Location: Behind 632 Bridlewood

in the (City, Town, Township) of: Burlington

(Region/County) of: Halton

This permit is for the purpose of Proposed maintenance works including a trench and pipe repairs within the regulation limits associated with both the flooding and erosion hazards associated with Appleby Creek

This permit is issued on this 15th day of July, 2015 Expires: 15th day of July, 2017 And is subject to the following conditions:

- 1. That the work to be carried out in accordance with plans submitted on June 15th, 2015 and stamped APPROVED by: Cassandra Connolly, Environmental Planning Analyst
- see reverse
- 3. Conservation Halton is to be notified of the date of the commencement of construction. This permit (including drawings stamped approved by Conservation Halton) or a copy thereof, must be posted on the site and be available for inspection.

Conservation Halton may, at any time, withdraw any permission given under this regulation if, in the opinion of the Conservation Authority, the conditions of the permit are not complied with.

Authorized representatives of Conservation Halton may, at any time, enter lands and buildings, to make any surveys, examinations, investigations, and inspections to ensure that the works authorized by this Permit are being carried out in accordance with the terms of this Permit.

applovals required by any other existing law and regulations. This permit does not preclude and

Authorized by:

2015.

anager, Planning and Regulation Services

1) WHITE: APPLICANT ORIGINAL COPY 2) GREEN: REGULATION OFFICER COPY 3) YELLOW: MUNICIPALITY COPY 4) GOLD: FILE COPY

2.

 a) That all grades be returned to existing conditions;

 b) That disturbed areas be stabilized immediately following the completion of construction to the satisfaction of Conservation Halton;
 c) That excess fill (soil or otherwise) generated from the proposed works shall not be stockpiled or disposed of within any area regulated by Conservation Halton, pursuant to Ontario Regulation 162/06; and
 d) That effective sediment and erosion control measures be installed prior to starting work, maintained during construction and fully removed once all disturbed areas have been stabilized. That site

conditions be monitored and that the sediment and erosion control measures be modified if site

conditions warrant it.

#### GENERAL NOTES:

THE PROPONENT / CONTRACTOR SHALL MONITOR THE WEATHER SEVERAL DAYS IN ADVANCE TO ENSURE THAT WORKS ARE CONDUCTED DURING FAVOURABLE WEATHER CONDITIONS, SHOULD AN UNEXPECTED STORM ARISE, THE PROPONENT / CONTRACTOR SHALL IMPLEMENT THE FOLLOWING CONTINGENCY PLAN: REMOVE ALL ITEMS FROM THE REGIONAL STORM FLOODPLAIN THAT WOULD HAVE THE CAPACITY TO CAUSE AND OBSTRUCTION TO FLOW OR

A SPILL (I.E. FUEL TANKS, UNFIXED EQUIPMENT, ETC.)
VEGETATION REMOVAL SHOULD NOT OCCUR DURING THE BREEDING BIRD PERIOD (MAY 1ST – JULY 31ST). SHOULD REMOVAL BE REQUIRED WITHIN THE BREEDING BIRD PERIOD, A QUALIFIED AVIAN BIOLOGIST SHOULD CONDUCT A SURVEY PRIOR TO REMOVAL. IF AN ACTIVE NEST IS PRESENT, THE NEST MAY NOT BE REMOVED OR HARMED UNTIL THE NEST IS NO

IN-WATER WORK IS NOT PERMITTED. WHERE IN-WATER WORK BECOMES NECESSARY, CH MUST FIRST BE CONSULTED FOR SITE-SPECIFIC GUIDANCE.

#### PROTECTION MEASURES

- EROSION AND SEDIMENT CONTROL (ESC) MEASURES WILL BE IMPLEMENTED PRIOR TO AND MAINTAINED DURING THE CONSTRUCTION PHASES, TO PREVENT ENTRY OF SEDIMENT INTO THE NEARBY WATERCOURSE, ESC MEASURES ARE TO BE IMPLEMENTED UNTIL THE SITE HAS BEEN FULLY RESTORED AND STABILIZED.
- AROW OF NON-WOVEN SILTATION FENCE SHOULD BE SECURED ON THE DOWNGRADE SIDE OF THE EXCAVATION AREA ANDINSTALLED AS PER TNPI STANDARD.
  TO PREVENT RUTTING, SWAMP MATS WILL BE USED, WHERE NECESSARY
- THE FOLLOWING ACTIVITIES ARE PROHIBITED BEYOND THE SIGNATION FENCING: CLEARING!
  GRADING: STORAGE OR STOCKPILING OF MATERIALS; DISPOSAL OF LIQUIDS; AND
- OPERATION / REFUELING OF HEAVY MACHINERY.
  ALLACTIVITIES, INCLUDING MAINTENANCE PROCEDURES, SHOULD BE CONTROLLED TO PREVENT THE ENTRY OF PETROLEUM PRODUCTS, DEBRIS, OR OTHER DELETERIOUS SUBSTANCES FROM ENTERING THE NEARBY HABITATS.
- TEMPORARILY STORE, HANDLE, AND DISPOSE OF ALL MATERIALS USED OR GENERATED DURING SITE PREPARATION, CONSTRUCTION AND CLEAN-UP (E.G. ORGANICS, SOILS WOODY DEBRIS, TEMPORARY STOCKPILES, AND CONSTRUCTION DEBRIS) IN A MANNER THAT PREVENTS THEIR ENTRY TO NATURAL AREAS OR SURFACE WATERS
- WHERE A SPECIES AT RISK IS OBSERVED WITHIN OR ADJACENT TO THE WORK SITE, WORK SHOULD STOP IMMEDIATELY AND A QUALIFIED PROFESSIONAL CONTACTED FOR FURTHER
- DIRECTION. SPECIES AT RISK SHOULD NOT BE HANDLED.

  11. A SPILLS MANAGEMENT PLAN (INCLUDING MATERIALS, INSTRUCTIONS REGARDING THEIR USE, EDUCATION OF CONTRACT PERSONNEL, EMERGENCY CONTACT NUMBERS) WILL BE ON-SITE AT ALL TIMES FOR IMPLEMENTATION IN EVENT OF ACCIDENTAL SPILL DURING CONSTRUCTION. ADEQUATE MEASURES TO PREVENT OR CAPTURE AND CONTAIN ANY DEBRIS AND SPILLS RESULTING FROM CONSTRUCTION ACTIVITIES WILL BE KEPT ONSITE IN SUFFICIENT QUANTITIES, ALL STAFF WILL BE ORIENTATED AS TO THE LOCATION OF MATERIALS AND THEIR PROPER USE AND DIBPOSAL, ALL MEASURES AND PROCEDURES WILL CONFORM TO PERTINENT PROVINCIAL REQUIREMENTS.

#### SPILL CONTROL

- 12. OPERATING, REFUELLING AND MAINTENANCE OF CONSTRUCTION EQUIPMENT AND THE HANDLING AND STORAGE OF TOXIC MATERIALS (E.G. FUEL, LUBRICANTS AND OTHER CHEMICALS) WILL BE CARRIED OUT IN SUCH A WAY AS TO AVOID CONTAMINATION OF SOILS, GROUNDWATER AND ADJACENT HABITATS.
- 13. ALL EQUIPMENT AND PARTS OF EQUIPMENT WILL ARRIVE ON SITE CLEAN AND FREE OF
- 14. AN EMERGENCY SPILL KIT WILL BE KEPT ON SITE AT ALL TIMES DURING CONSTRUCTION OR WHEN VEHICLES OR EQUIPMENT ARE PRESENT ON-SITE.

  15 ADDITIONAL ESC SUPPLIES ARE TO BE STOCKPILED ON SITE IN ORDER TO UPGRADED
- ESC DEVICES, AS NECESSARY. 16. THE ESC STRATEGIES OUTLINED ARE NOT STATIC AND MAY NEED TO BE UPGRADED /
- AMENDED AS SITE CONDITIONS CHANGE TO MINIMIZE SEDIMENT LADEN RUNOFF FROM LEAVING THE WORK AREAS. IF THE PRESCRIBED MEASURES ON THE PLANS ARE NOT EFFECTIVE IN PREVENTING THE RELEASE OF DELETERIOUS SUBSTANCE. THEN ALTERNATIVE MEASURES SHOULD BE IMPLEMENTED IMMEDIATELY TO MINIMIZE POTENTIAL ECOLOGICAL IMPACTS. A CH ENFORCEMENT OFFICER SHOULD BE IMMEDIATELY CONTACTED.

- 17. TREE PROTECTION FENCING SHOULD BE INSTALLED BETWEEN THE WORK AREAAND NEIGHBOURING TREES TO REDUCE THE POTENTIAL FOR PHYSICAL DAMAGE TO THE TREES AND THEIR ROOT SYSTEMS, SUPPORTS AND BRACING USED TO SECURE THE BARRIERS SHOULD BE INSTALLED IN A WAY THAT MINIMIZES ROOT DAMAGE.
- 18. TREE PROTECTION FENCING SHOULD BE INSTALLED BEFORE WORK ON THE SITE BEGINS AND INSPECTED REGULARLY TO ENSURE IT IS PERFORMING ITS INTENDED FUNCTION. IF ANY SECTION IS FOUND TO BE DAMAGED OR NON-FUNCTIONAL IT SHOULD BE REPLACED IMMEDIATELY.
- 19. THE FOLLOWING ACTIVITIES ARE PROHIBITED BEYOND THE TREE PROTECTION FENCING: CONSTRUCTION, ALTERING OF GRADE BY ADDING FILL, EXCAVATING, TRENCHING OR DISTURBANCE OF ANY KIND, STORAGE OR STOCKPILING OF MATERIALS, DISPOSAL OF LIQUIDS; AND MOVEMENT OF VEHICLES, EQUIPMENT, AND PEDESTRIANS.
- NO TREE REMOVAL IS PROPOSED AS PART OF THIS WORK. SHOULD TREES BE INJURED AS A RESULT OF THE PROPOSED WORK, COMPENSATION SHOULD BE AT A 1:1 RATIO, WHILE OMPENSATION FOR TREE REMOVAL IS 3.1.



- 21. TREE REMOVALS SHOULD OCCUR BETWEEN AUGUST 1 AND APRIL 30 TO ENSURE THERE IS NO DAMAGE TO NESTING BIRDS, UNLESS A SURVEY BY A QUALIFIED BIOLOGIST
- CONFIRMS THAT THERE ARE NO ACTIVE NESTS WITHIN THE TREES TO BE REMOVED.

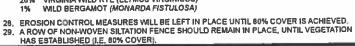
  22. TREE REMOVALS SHOULD BE FELLED INTO THE CONSTRUCTION AREA TO LIMIT THE POTENTIAL FOR DAMAGE TO SURROUNDING TREES, FELLED TREES SHOULD BE REMOVED FROM THE SITE, AND ALL BRUBH, ROOTS AND WOOD DEBRIS SHOULD BE CHIPPED OR HREDDED AS A MEASURE TO PREVENT THE SPREAD OF INSECT PESTS.
- 23. ALL WORK SHOULD BE APPROVED BY BOTH THE MUNICIPALITY AND CH.

#### RESTORATION PLAN

- 24. DISTURBED AREAS ARE TO BE RESTORED TO MATCH EXISTING CONDITIONS,
- TERRESTRIAL HABITATS WILL BE RESTORED TO EXISTING GRADE OR CONTOUR.
  25. A MINIMUM OF 15 CM OF CONTAMINANT AND WEED-FREE TOPSOIL SHOULD BE APPLIED TO DISTURBED AREAS PRIOR TO APPLICATION OF A SITE APPROPRIATE SEEDMIX.
  THE EXISTING SEED BANK AND TOPSOIL SHOULD BE SALVAGED AND REUSED IN THE
- APPROPRIATE AREAS, AND ENHANCED WITH A CHAPPROVED SEEDMIX. THE DISTURBED AREA WITHIN THE OPEN MEADOW HABITAT (HYDRO CORRIDOR) SHOULD BE STABILIZED WITH THE FOLLOW SEED MIXTURE. THE SEED MIX SHOULD BE APPLIED AT A SEEDING RATE OF 125 GRAMS TO 45m2

#### MEADOW SEEDMIX

- BLACK EYED SUSAN (RUDBECKIA HIRTA)
- BLUE VERVAIN (VERSENA HASTATA) BONESET (EUPATORIUM PERFOLIATUM)
  CANADA WILD RYE (ELYMUS CANADENSIS)
- FOXGLOVE/BEARDTONGUE (PENSTEMON DIGITALIS)
  POVERTY OAT GRASS (DANTHONIA SPICATA)
- LITTLE BLUESTEM (SCHIZACHYRIUM SCOPARIUM) NEW ENGLAND ASTER (SYMPHYOTRICHUM NOVAE-ANGLIAE)
- SHOWY TICK TREFOIL (DESMODIUM CANADENSE)
- VIRGINIA WILD RYE (ELYMUS VIRGINICUS)





WELLINGTON

WATERLOO.

BRANT

NORFOLK

**LEGEND** 

SITE OF INTEREST

**ACCESS ROUTE** 

OXFORD

HALTON

HALDIMAND

RECEIVED CONSERVATION HALTON

TORONTO

NIAGARA

JUN 15-2015

.......

HALTON REGION CONSERVATION AUTHORITY APPROVED BY: L'Assandra Coursell DATE: 14/07/2015

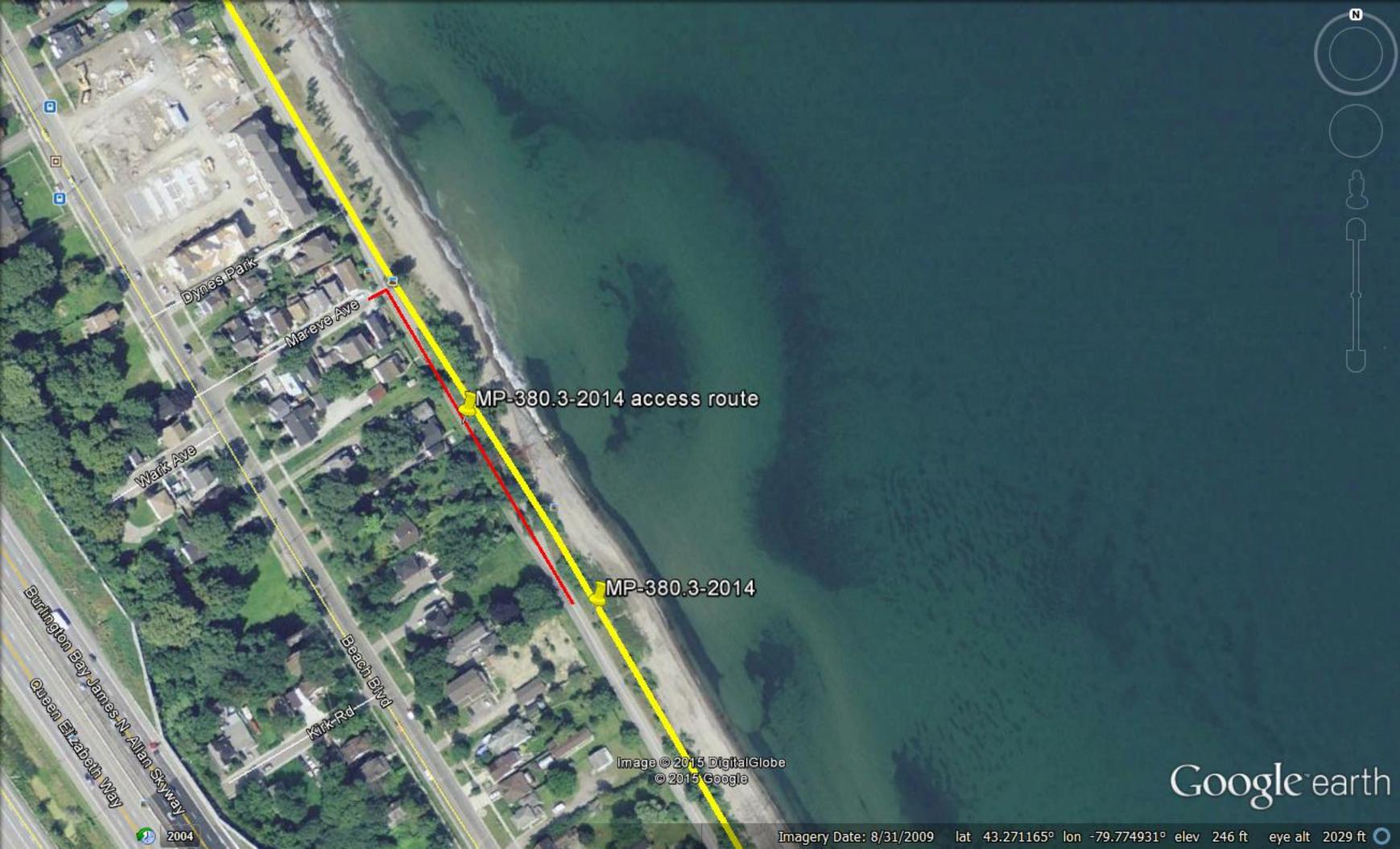
Subject to the conditions provided on 4875

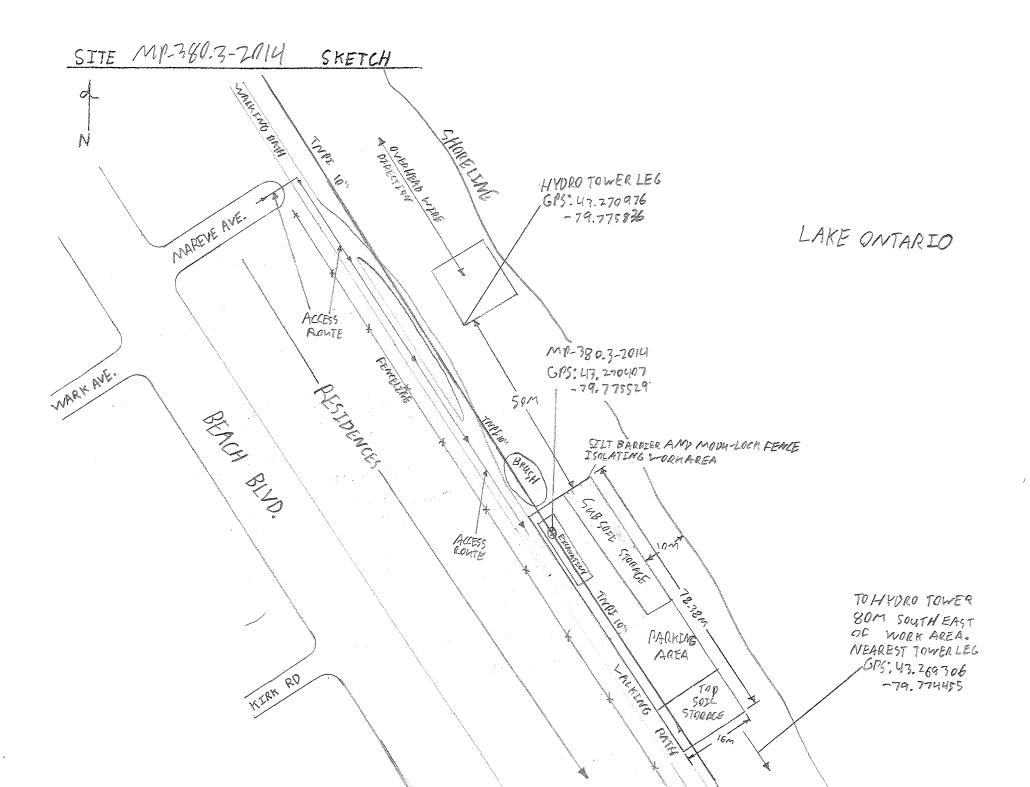
THIP WILL HAVE PUMPS ON SITE IN CASE DEWATERING IS REQUIRED. DISCHARGED WATER WILL FIRST BE PUMPED THROUGH A SILT BAG AND DIRECTED INTO VEGETATION FOUND AT THE OPPOSITE SIDE OF THE PATH PUNIPING WILL ADHERE TO THE MINISTRY OF THE ENVIRONMENT AND CLIMATE CHANGE REQUIREMENTS



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MP-380.3-2014 Work Site Sketch







45 Vogell Road, Suite 310 Richmond Hill, Ont. L4B 3P6 Tel. (905) 770-3353 Fax. (905) 770-8675

Confirmed 2015 Dig Location?	Site	Line	Conservation Authority	Permit Required	MNR District	Field Assessment Recommended	Construction Timing Window Restriction	SAR Concerns	X (decimal degrees)	y (decimal degrees)	Woodland	Wetland	Provincially Significant Wetland	ANSI W	ater ody St	SAR Strea	Heritage	Greenbelt (Protected Countryside)	Spawning	Wildlife Managem ent Area	Nesting
yes	MP-371.5-2014	HAJ-OA	Halton Region Conservation Authority	yes	Aurora MNR District	yes, butternut if tree removal required	Birds (May 1-July 31)	Butternut, Chimney Swift	43.376297	-79.757443	Υ	Z	И	N	N	Y	N	N	N/A	N/A	N/A
yes	MP-380.3-2014	HAJ-OA	Hamilton Region Conservation Authority	yes	Guelph MNR District	yes, comprehensive	depends on site assessmen	No records; site assessment recommended by MNRF	43.270566	-79.775662	N	N	N	N	Υ	N	N	N	N/A	N/A	N/A