
APPENDIX B

RELAVENT AGENCY CORRESPONDENCE

Attachments: NEATS 45001 Class EA - Highway 1117 Four Laning (West of Hwy 582 to Coughlin Rd),
Thunder Bay ON.pdf

From: EnviroOnt [mailto:EnviroOnt@tc.gc.ca]

Sent: June-20-17 4:00 PM

To: kevin.saunders@ontario.ca; Zan, Karen <ZanK@mmm.ca>

Cc: Moore, Greg <MooreG@mmm.ca>; Kung, Katherine <KungK@mmm.ca>

Subject: NEATS 45001 Class EA - Highway 1117 Four Laning (West of Hwy 582 to Coughlin Rd), Thunder Bay ON

Greetings,

Thank you for your correspondence.

Please note Transport Canada **does not** require receipt of all individual or Class EA related notifications. We are requesting project proponents to self-assess if their project:

1. Will interact with a federal property and/or waterway by reviewing the Directory of Federal Real Property, available at www.tbs-sct.gc.ca/dfrp-rbif/; **and**
2. Will require approval and/or authorization under any Acts administered by Transport Canada* available at <http://www.tc.gc.ca/eng/acts-regulations/menu.htm>.

Projects that will occur on federal property prior to exercising a power, performing a function or duty in relation to that project, will be subject to a determination of the likelihood of significant adverse environmental effects, per Section 67 of the *Canadian Environmental Assessment Act, 2012*.

If the aforementioned does not apply, the Environmental Assessment program should not be included in any further correspondence and future notifications will not receive a response. If there is a role under the program, correspondence should be forwarded *electronically* to: EnviroOnt@tc.gc.ca with a **brief description of Transport Canada's expected role**.

*Below is a summary of the most common Acts that have applied to projects in an Environmental Assessment context:

- **Navigation Protection Act (NPA)** – the Act applies primarily to works constructed or placed in, on, over, under, through, or across scheduled navigable waters set out under the Act. The Navigation Protection Program administers the NPA through the review and authorization of works affecting scheduled navigable waters. Information about the Program, NPA and approval process is available at: <http://www.tc.gc.ca/eng/programs-621.html>. Enquiries can be directed to NPPONT-PPNONT@tc.gc.ca or by calling (519) 383-1863.
- **Railway Safety Act (RSA)** – the Act provides the regulatory framework for railway safety, security, and some of the environmental impacts of railway operations in Canada. The Rail Safety Program develops and enforces regulations, rules, standards and procedures governing safe railway operations. Additional information about the Program is available at: <https://www.tc.gc.ca/eng/railsafety/menu.htm>. Enquiries can be directed to RailSafety@tc.gc.ca or by calling (613) 998-2985.
- **Transportation of Dangerous Goods Act (TDGA)** – the transportation of dangerous goods by air, marine, rail and road is regulated under the TDGA. Transport Canada, based on risks, develops safety standards and regulations, provides oversight and gives expert advice on dangerous goods to promote public safety. Additional information about the transportation of dangerous goods is available at: <https://www.tc.gc.ca/eng/tdg/safety-menu.htm>. Enquiries can be directed to TDG-TMDOntario@tc.gc.ca or by calling (416) 973-1868.

- **Aeronautics Act** – Transport Canada has sole jurisdiction over aeronautics, which includes aerodromes and all related buildings or services used for aviation purposes. Aviation safety in Canada is regulated under this Act and the Canadian Aviation Regulations (CARs). Elevated Structures, such as wind turbines and communication towers, would be examples of projects that must be assessed for lighting and marking requirements in accordance with the CARs. Transport Canada also has an interest in projects that have the potential to cause interference between wildlife and aviation activities. One example would be waste facilities, which may attract birds into commercial and recreational flight paths. The *Land Use In The Vicinity of Aerodromes* publication recommends guidelines for and uses in the vicinity of aerodromes, available at: <https://www.tc.gc.ca/eng/civilaviation/publications/tp1247-menu-1418.htm>. Enquires can be directed to CASO-SACO@tc.gc.ca or by calling 1 (800) 305-2059 / (416) 952-0230.

Please advise if additional information is needed.

Thank you,

Environmental Assessment Program, Ontario Region

Transport Canada / Government of Canada / 4900 Yonge St., Toronto, ON M2N 6A5

EnviroOnt@tc.gc.ca / Facsimile : (416) 952-0514 / TTY: 1-888-675-6863

Programme d'évaluation environnementale, Région de l'Ontario

Transports Canada / Gouvernement du Canada / 4900, rue Yonge, Toronto, ON, M2N 6A5

EnviroOnt@tc.gc.ca / télécopieur: (416) 952-0514

From: Kung, Katherine [<mailto:KungK@mmm.ca>]

Sent: Tuesday, June 20, 2017 2:22 PM

Cc: kevin.saunders@ontario.ca; Lara.Welch2@ontario.ca; Zan, Karen <ZanK@mmm.ca>; Moore, Greg <MooreG@mmm.ca>

Subject: 137-90-00 Highway 11/17 Four-Laning from west of Highway 582 to Coughlin Road, DD & Class EA Study - Study Commencement

Dear Sir / Madam,

Please find attached the Notice of Study Commencement for the Highway 11/17 Four-Laning from west of Highway 582 to Coughlin Road, Detail Design and Class Environmental Assessment Study. The attached has been sent on behalf of Karen M. Zan, Consultant Project Manager.

Regards, Katherine

Katherine Kung, MCIP, RPP

Environmental Planner



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**Ministry of Tourism,
Culture and Sport**

Culture Services Unit
Programs and Services Branch
401 Bay Street, Suite 1700
Toronto ON M7A 0A7
Tel: 416 314 7182
Fax: 416 212 1802

**Ministère du Tourisme,
de la Culture et du Sport**

Unité des services culturels
Direction des programmes et des services
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Tél: 416 314 7182
Télé: 416 212 1802



June 22, 2017 (EMAIL ONLY)

Karen Zan, Consultant Senior Project Manager
WSP
610 Chartwell Road, Suite 300
Oakville, ON L6J 4A5
E: Karen.zan@wsp.com

RE: MTCS file #: 0006949
Proponent: Ontario Ministry of Transportation (MTO)
Subject: Notice of Study Commencement
Highway 11/17 Four-Laning from West of Highway 582 to Coughlin Road; Detail Design and Class Environmental Assessment Study
Location: Thunder Bay District, Ontario

Dear Karen Zan:

Thank you for providing the Ministry of Tourism, Culture and Sport (MTCS) with the Notice of Study Commencement for your project. MTCS's interest in this EA project relates to its mandate of conserving Ontario's cultural heritage, which includes:

- Archaeological resources, including land-based and marine;
- Built heritage resources, including bridges and monuments; and,
- Cultural heritage landscapes.

Under the EA process, the proponent is required to determine a project's potential impact on cultural heritage resources.

Project Summary

The Ontario Ministry of Transportation (MTO) has retained WSP to undertake the Detail Design and Class Environmental Assessment Study for the four-lane expansion of Highway 11/17 from 1.3km west of Highway 582 to 800m west of Coughlin Road.

Please note that the [Standards and Guidelines for Conservation of Provincial Heritage Properties](#) (S&G), prepared pursuant to Section 25.2 of the *Ontario Heritage Act (OHA)*, came into effect on July 1, 2010. All Ontario government ministries and public bodies that are prescribed under Ontario Regulation 157/10 must comply with the S&Gs with respect to property that is owned or controlled by the Crown in right of Ontario or by a prescribed public body.

While some cultural heritage resources may have already been formally identified, others may be identified through screening and evaluation. Aboriginal communities may have knowledge that can contribute to the identification of cultural heritage resources, and we suggest that any engagement with Aboriginal communities includes a discussion about known or potential cultural heritage resources that are of value to these communities. Municipal Heritage Committees, historical societies and other local heritage organizations may also have knowledge that contributes to the identification of cultural heritage resources.

Archaeological Resources

You have indicated that Stage 1 Archaeological Assessments will be undertaken for each section of the highway for all lands contained within the proposed study area. The Stage 1 Archaeological Assessments should be undertaken as early as possible during the EA process as their results may impact the detail design work.

Built Heritage and Cultural Heritage Landscapes

The MTCS [Criteria for Evaluating Potential for Built Heritage Resources and Cultural Heritage Landscapes](#) should be completed to help determine whether your EA project may impact cultural heritage resources. The Clerks for the municipalities encompassing the EA project can provide information on property registered or designated under the *Ontario Heritage Act*. Municipal Heritage Planners can also provide information that will assist you in completing the checklist.

A Cultural Heritage Evaluation Report (CHER) is used to determine the cultural heritage value or interest of a potential Provincial Heritage Property. If potential or known heritage resources exist, MTCS recommends that a Heritage Impact Assessment (HIA), prepared by a qualified consultant, should be completed to assess potential project impacts. Our Ministry's [Info Sheet #5: Heritage Impact Assessments and Conservation Plans](#) outlines the scope of HIAs. Please send the HIA to MTCS and the local municipalities as appropriate for review, and make it available to local organizations or individuals who have expressed interest in heritage.

Environmental Assessment Reporting

All technical heritage studies and their recommendations are to be addressed and incorporated into EA projects. Please advise MTCS whether any technical heritage studies will be completed for your EA project, and provide them to MTCS before issuing a Notice of Completion/commencement of work on-site. If your screening has identified no known or potential cultural heritage resources, or no impacts to these resources, please include the completed checklists and supporting documentation in the EA report or file.

Sincerely,

Jeff Elkow
Heritage Planner
jeff.elkow@ontario.ca

Copied to: Kevin Saunders, Senior Project Manager (MTO)
kevin.saunders@ontario.ca

It is the sole responsibility of proponents to ensure that any information and documentation submitted as part of their EA report or file is accurate. MTCS makes no representation or warranty as to the completeness, accuracy or quality of the any checklists, reports or supporting documentation submitted as part of the EA process, and in no way shall MTCS be liable for any harm, damages, costs, expenses, losses, claims or actions that may result if any checklists, reports or supporting documents are discovered to be inaccurate, incomplete, misleading or fraudulent.

Please notify MTCS if archaeological resources are impacted by EA project work. All activities impacting archaeological resources must cease immediately, and a licensed archaeologist is required to carry out an archaeological assessment in accordance with the Ontario Heritage Act and the Standards and Guidelines for Consultant Archaeologists.

If human remains are encountered, all activities must cease immediately and the local police as well as the Cemeteries Regulation Unit of the Ministry of Government and Consumer Services must be contacted. In situations where human remains are associated with archaeological resources, MTCS should also be notified to ensure that the site is not subject to unlicensed alterations which would be a contravention of the Ontario Heritage Act.



October 3, 2017

Mr. Jeff Elkow
Heritage Planner
Ministry of Tourism, Culture and Sport
Heritage Program Unit
401 Bay Street, Suite 1700
Toronto, ON M7A 0A7

**RE: Highway 11/17 Four-Laning from Coughlin Road to Red Rock Road #9
Detail Design and Class Environmental Assessment Study (GWP 132-90-00)**

Dear Mr. Elkow,

Thank you for interest in the Detail Design and Class Environmental Assessment Study for the four-laning of Highway 11/17 from Coughlin Road to Red Rock Road #9.

Please note that the Stage 1 archaeological assessment has been tentatively scheduled for Fall 2017 pending receipt of Permissions to Enter onto privately owned lands and following the determination of the preferred plan. The Stage 1 archaeological assessment will determine the need for further Stage 2 surveys, if required. All archaeological assessment reports will be submitted to the Ministry of Tourism, Culture, and Sport for registration once completed.

The Ministry has determined a Cultural Heritage Evaluation Report (CHER) or a Heritage Impact Assessment (HIA) is not required for this study.

We have added you to the study mailing-list and will ensure you are kept informed of study activities. Should you have any questions or comments, contact the undersigned toll-free at 1-877-562-7947 or by email at karen.zan@wsp.com.

Yours Very Truly,

WSP

Karen M. Zan, P. Eng.
Consultant Senior Project Manager

cc: Kevin Saunders, MTO, Senior Project Manager
Lara Welch MTO, Senior Environmental Planner
Greg Moore, WSP, Consultant Environmental Planner

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**Ministry of Northern Development
and Mines**

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des Mines**

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Sans frais : 1-888-415-9845, poste 3003



July 11, 2017

Karen M. Zan, P. Eng.
Consultant Senior Project Manager
WSP
610 Chartwell Road
Oakville, ON L6J 4A5

Dear Karen Zan,

**Re.: Notice of Commencement
Detailed Design and Class Environmental Assessment Study
Highway 11/17 Four-Laning from west of Highway 582 to Coughlin Road**

Thank you for the opportunity to comment on the Notice of Commencement for the Highway 11/17 four-laning.

The Ministry of Northern Development and Mines (MNDM) Mines and Minerals Division reviewed the technical information available for the study area with respect to the geology and mineral resource potential, mining lands, and abandoned mine hazards.

The Mines and Minerals Division's response is below.

MINING LANDS: Based on the map provided in the notice dated June 16, 2017, it appears that the study area may cross directly over a single unpatented mining claim, 4201154. Refer to the attached map. MNDM advises that you contact the claim holder for their comments on the Notice of Commencement.

ABANDONED MINES REHABILITATION PROGRAM: No concerns from the Abandoned Mines Rehabilitation Program.

RESIDENT GEOLOGIST PROGRAM: The Resident Geologist Program (RGP) of the Ontario Geologist Survey has completed the following:

1. There are no known mineral occurrences on the project area. The nearest MDI record is approximately 2 kilometres to the north, [MDI52A16NW00005](#).
2. The Ministry's CLAIMapsIV for land tenure. There is a single non-patented mining claim within the project area. The remainder of the project area is comprised of patented surface and mining rights. Note, surface and mining rights

may be held together or separately. <https://www.mndm.gov.on.ca/en/mines-and-minerals/applications/claimapsiv>.

3. The Ministry's OGSEarth application for bedrock geology: the project area is underlain by Mesoproterozoic Sibley Group sedimentary rocks which consists of conglomerate, sandstone and shale that is intruded by mafic dikes, sills and related intrusive rocks. The bedrock is overlain by Pleistocene aged glaciolacustrine deposits consisting of quiet water deposits, nearshore and beach deposits including silt and clay, sand, gravelly sand and gravel. There are also recent organic deposits of peat, muck and marl.
4. The Ministry's OGSEarth application for Assessment File Report Inventory (AFRI) database to determine whether past mineral exploration activity has been reported for the proposed area: there are multiple assessment reports for lands approximately 2 kilometres to the north of the project site.
5. The GIS-based "Metallic Mineral Potential Estimation Tool" to get an estimation of the mineral potential of the proposed project area: a moderate to high metallic mineral potential is estimated for the area, with the scores ranging from 60.1 to 90 out of 100.

Published reports and Mineral Deposit Inventory and Abandoned Mines records are also available for viewing or free download through the Geology Ontario portal using the following link: <http://www.geologyontario.mndm.gov.on.ca/>.

No concerns with respect to the geology or mineral resource potential in the area.

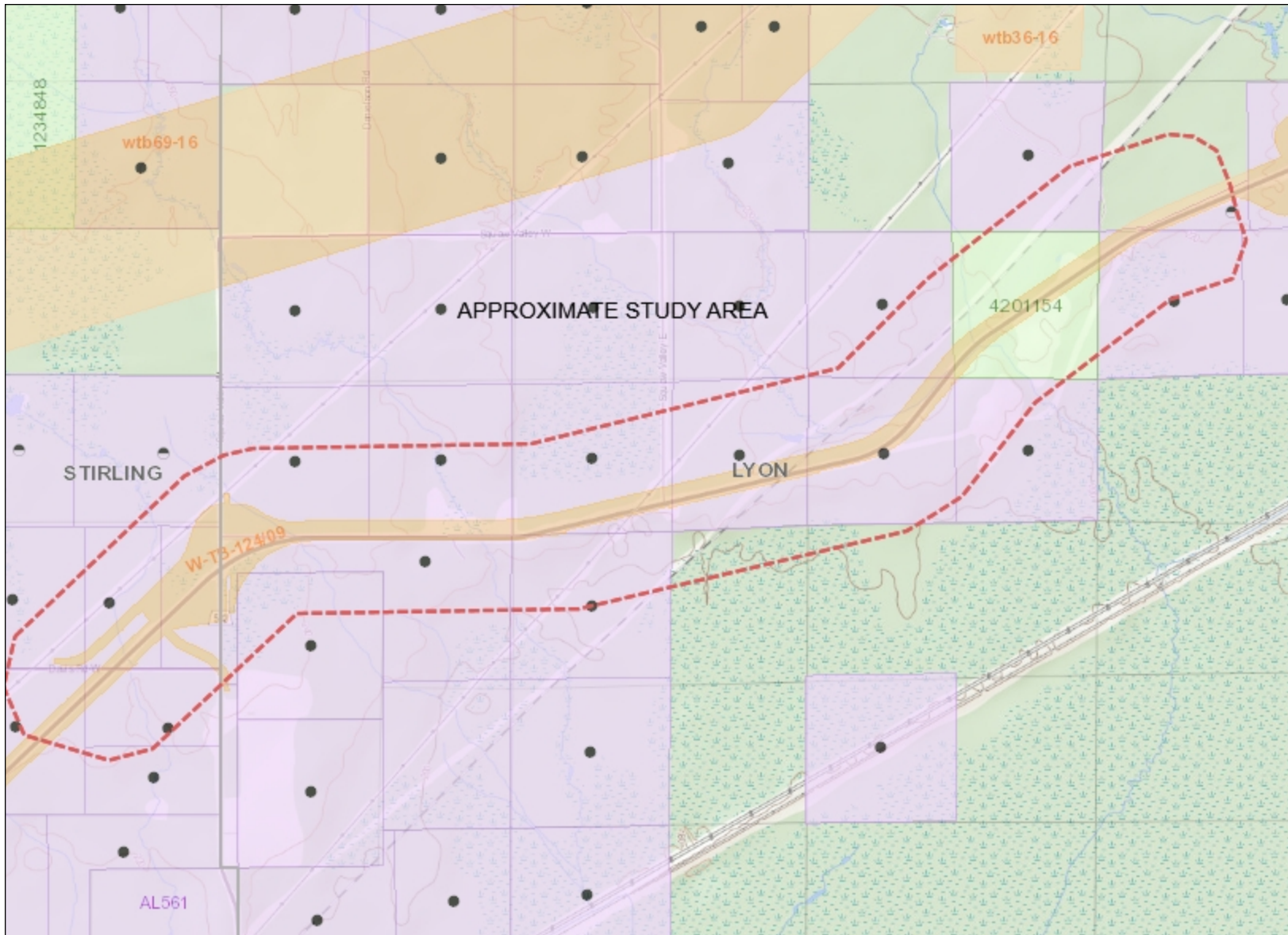
If you have any questions about MNDM's response, please feel free to contact me by phone at 705-670-5734 or by email at stephanie.rocca@ontario.ca.

Sincerely,



Stephanie Rocca
Initiatives Coordinator
Strategic Services Branch

Enclosure(s)



Legend

- Administration Boundaries**
 - Mining Divisions
 - Resident Geologist District
 - Townships and Areas
 - UTM Grid
 - Geographic Lot Fabric
 - Other Federal Land
- Mineral Tenure Grid**
 - OM TG Tenure Grid
- Alienations**
 - Withdrawal
 - Notice
- Unpatented Claim**
 - Active
 - Reconciled
 - Pending
- Disposition**
 - Disposition
- Disposition Symbols**
 - Camp
 - Disposition Unknown/Pending
 - Freehold Patent Mining Rights Only
 - Freehold Patent Surface Rights Only
 - Freehold Patent Surface and Mining Rights
 - Land Use Permit
 - Leasehold Patent Mining Rights Only
 - Leasehold Patent Surface Rights Only
 - Leasehold Patent Surface and Mining Rights
 - License of Occupation Mining Use Only
 - License of Occupation Surface Use Only
 - License of Occupation Surface and Mining Rights
 - License of Occupation Uses Not Specified
 - Order in Council
 - Tower
 - WPLA
- Geology Layers**
 - AMIS Sites
 - AMIS Features
 - Drill Holes
 - Mineral Occurrences



Projection: Web Mercator



The Ontario Ministry of Northern Development and Mines shall not be liable in any way for the use of, or reliance upon, this map or any information on this map. This map should not be used for: navigation, a plan of survey, routes, nor locations.

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Ministry Contact Information

Abandoned Mines Program

Willet Green Miller Center – Level B6
933 Ramsay Lake Road
Sudbury ON P3E 6B5

Marc Stewart
Phone: 705-670-5822
Email: Marc.Stewart@ontario.ca
Mine Rehabilitation Project Coordinator

Ritesh Navale
Phone: 705-670-5937
Email: Ritesh.Navale@ontario.ca
Mine Hazards Technical Specialist



September 28, 2017

Ms. Stephanie Rocca
Reginal Initiatives Coordinator
Ministry of Northern Development and Mines
Willet Green Miller Ctr
933 Ramsey Lake Road, 6th Flr
Sudbury, ON P3E 6B5

**RE: Highway 11/17 Four-Laning from west of Highway 582 to Coughlin Road
Detail Design and Class Environmental Assessment Study (GWP 137-90-00)**

Dear Ms. Rocca,

Thank you for interest in the Detail Design and Class Environmental Assessment Study for the four-laning of Highway 11/17 from West of Highway 582 to Coughlin Road, and providing the geology and mineral resource potential, mining lands, and abandoned mine hazards information for the study area.

The Project Team understands there is a single unpatented mining claim (4201154) within the study area. Should the Ministry of Northern Development and Mines have contact information for this claimant, the Ministry of Transportation would appreciate this information so that we may advise him / her of the study.

We have added you to the study mailing-list and will ensure you are kept informed of study activities. Should you have any questions or comments, contact the undersigned toll-free at 1-877-562-7947 or by email at karen.zan@wsp.com.

Yours Very Truly,

WSP

Karen M. Zan, P. Eng.
Consultant Senior Project Manager

cc: Kevin Saunders, MTO, Senior Project Manager
Lara Welch MTO, Senior Environmental Planner
Greg Moore, WSP, Consultant Environmental Planner

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From: Brown, Tabitha (MNDM) [mailto:Tabitha.Brown@ontario.ca]
Sent: October-17-17 3:13 PM
To: Kung, Katherine <Katherine.Kung@wsp.com>
Cc: Paetz, Jennifer (MNDM) <Jennifer.Paetz@ontario.ca>; Bilodeau, Marc (MNDM) <Marc.Bilodeau@ontario.ca>
Subject: FW: Notice of Commencement - Highway 11/17 Four Laning

Good afternoon Katherine,

Jennifer Paetz asked that I provide this information to you. The recorded holder of claim 4201154 is [REDACTED] [REDACTED] contact information is below;



Thank you,

Tabitha

Tabitha Brown

A/ Lands Technician

Technical Services Unit

Mining Lands Section

Ministry of Northern Development and Mines

B3 – 933 Ramsay Lake Road

Sudbury, ON P3E 6B5

Phone: (705) 670-5763 / 1-888-415-9845 ext. 5763

Fax: (705) 670-5681 / 1-877-670-1444

From: McNaughton, Kimberly (MNRF)
Sent: July 21, 2017 4:44 PM
To: karen.zan@wsp.com<mailto:karen.zan@wsp.com>; Saunders, Kevin (MTO)
Cc: McNaughton, Kimberly (MNRF); MacKay, Neil (MNRF)
Subject: RE: MTO Notice of Study Commencement 4 laning between Hurkett/Davis Rd and Coughlin Road

Hi Karen and Kevin,

MNRF has reviewed this section of MTO's Notice of Study commencement for 4 laning between Davis/Hurkett Road and Coughlin Road. We provide the following comments which may require further discussion:

Forestry:

- The study area included Crown forest some of which has received silviculture investment; if these are to be used for road construction appropriate funds should be paid to the Forest Renewal Trust Fund.
- Where Crown timber has to be removed, an overlapping agreement and payment of all associated fees (SFL and Crown) are required.
- The opportunity for a Lakehead Forest operator to have first opportunity to conduct any harvest of trees would also be preferable.
- The Sustainable Forest Licence holder is Greenmantle Forest Inc.

Fisheries:

MNRF has comments concerning the current design alignment provided following a site visit on July 19th, 2017. As depicted in the attachment (highway twinning shapefile provided from MTO on July 4th), the east and west lanes are proposed to run north and south of Big Valley Creek. The stream channel is proposed to course through the median.

The portion of Big Valley Creek that currently runs parallel with HWY 11/17 on its north side is significant fish habitat (i.e. spawning habitat for both brook trout and rainbow trout). This portion of the stream has numerous runs and riffles with gravel and cobble used for spawning. The MNRF is concerned this design as it would result in the disruption of this sensitive habitat through the installation of additional water crossings, erosion and sedimentation through additional lane(s) creation and thermal destruction caused by riparian vegetation clearing.

Additionally, the tributary directly to the east that currently connects to Big Valley Creek via a culvert under the highway is extremely perched. This stream has significant flow as far north as the crossing on the previous alignment of Lofty Davies Road (refer to attached map). Therefore the current culvert structure is a barrier to fish migration; which should be rectified in future design proposals.

Lastly, through conversations with MTO representatives on site, it was suggested that through the detailed design for these crossings it is possible that the alignment(s) for the stream channels may be redirected through a single common culvert. The MNRF is concerned with the impact of this channel realignment (i.e. negative impacts to significant fish habitat) and habitat compensation and/or offsetting would be necessary should this option be considered.

MNRF will need to be involved in further discussions / review of changes to the detailed design as it influences our mandated interest with fish populations in those Northshore streams. These concerns will apply to construction, operation, and future maintenance.

MNRF would appreciate opportunity to review the sediment and erosion control plan measures for these Northshore streams. Highway ditching for construction and future maintenance should be directed away from entering streams ie filter through vegetation before entering the water course.

Land Use

- Á A concern for the review of this project is the shape files that have been provided are from 1997; and it is of interest to the Ministry to review the final shape files as it relates to our values.
- Á Within the road study area to the north of Highway 11/17 and Hurkett Highway 582, there is a LUP for a Crown Disposition Easement on a TransCanada Pipeline that could have an impact on this project.
- Á If any new values of endangered species are noticed, report to MNRF with species and coordinates (Endangered Species Act).
- Á Ensure that indigenous communities are notified of these activities.

Wildlife:

- Á Mitigation measures to reduce moose, deer, bear attractants / accidents need to be implemented. There also needs to be consideration for allowance of “breaks” in guard-rails to allow larger wildlife on the highway opportunity to escape (versus running down middle of the highway.)

Looking forward to further discussions.

Kindest regards,

Kimberly

Kimberly McNaughton

Planner

Nipigon District MNRF

807-887-5113

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September 28, 2017

Ms. Kimberly McNaughton
District Planner
Ministry of Natural Resources and Forestry
Nipigon District
5 Wadsworth Drive, P.O. Box 970
Nipigon, ON P0T 2J0

**RE: Highway 11/17 Four-Laning from west of Highway 582 to Coughlin Road
Detail Design and Class Environmental Assessment Study (GWP 137-90-00)**

Dear Ms. McNaughton,

Thank you for interest in the Detail Design and Class Environmental Assessment Study for the four-laning of Highway 11/17 from West of Highway 582 to Coughlin Road. The information provided to the Project Team on Forestry, Fisheries, Land Use and Wildlife is greatly appreciated.

The Project Team is aware that there are Crown forest areas within the study. Property impacts have not been confirmed at this time and will be determined later in the study. The Project Team will ensure all required permits and agreements are obtained as part of the property acquisition process.

Thank you for the fisheries information regarding Big Valley Creek. The Project Team recognizes the significant fish habitat in this watercourse and understands MNRF's concerns regarding potential for disruption of this habitat. Thank you also for the information on the Big Valley Creek tributary to the east and for conveying MNRF's concerns regarding the perched culvert, which is currently a barrier to fish migration.

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Terrestrial and aquatic field investigations are expected to occur in Fall 2017 / Spring 2018. The aquatic field investigations will be carried out in general accordance with MTO's Environmental Guide for Fish and Fish Habitat (Updated 2013) pending receipt of Permissions to Enter onto privately owned lands. The field assessments will include detailed habitat mapping and fish community sampling (under an MNRF License to Collect Fish permit) for all watercourse and drainage features being impacted by the four-laning works. The field investigations will also focus on the potential for any channel realignments that may be required along the proposed four-laning section, to ensure sufficient fish and fish habitat information is collected in support of any natural channel designs that may be required as part of the project. Once the field work is completed and design details have been finalized for each watercourse supporting fish, an assessment of the potential for serious harm to fish and fish habitat as a result of the project will be completed following MTO/DFO/MNRF's 2016 Pilot Protocol for Protecting Fish and Fish Habitat on Provincial Transportation Undertakings (Version 3, 2016). If serious harm to fish and fish habitat cannot be avoided with standard and construction related mitigation measures, then a Request for Review (RfR) will be submitted to Fisheries and Oceans Canada (DFO) for their determination on whether the project works require an authorization under the Fisheries Act. Any sensitive terrestrial and aquatic functions (e.g., wetlands, high quality or potentially specialized habitat, wintering cover/habitat, areas of wildlife crossing/movement or concentration, salt pooling, moose attractants, etc.) will be identified and assessed during the field work. The sensitivity of watercourses and riparian habitat to temporary disturbances related to activities such as geotechnical work will be assessed generally.

Thank you also for your comments on Land Use. Impacts to the Trans Canada Pipeline easement will be reviewed as part of the design process. Any new values of endangered species will be reported to MNRF in accordance with the Endangered Species Act. Indigenous communities are on the study mailing list and will be kept informed of study activities.

We have confirmed you are on the study mailing-list and will ensure you are kept informed of study activities. Should you have any further questions or comments, contact the undersigned toll-free at 1-877-562-7947 or by email at karen.zan@wsp.com.

Yours Very Truly,

WSP

A handwritten signature in blue ink, appearing to read 'Karen Zan'.

Karen M. Zan, P. Eng.
Consultant Senior Project Manager

cc: Kevin Saunders, MTO, Senior Project Manager
Lara Welch MTO, Senior Environmental Planner
Tom Kleinboeck, MTO
Greg Moore, WSP, Consultant Environmental Planner