May 15, 2015

Phyllis Beaulieu
Manager of Licensing
Nunavut Water Board
P.O. Box 119
Gjoa Haven, NU X0B 1J0

RE: TYPE A WATER LICENCE APPLICATION FOR MINE DEVELOPMENT OF MELIADINE GOLD PROJECT

Dear Ms. Beaulieu:
Agnico Eagle Mines Limited (Agnico Eagle) is submitting this Type A Water Licence Application and supporting documents in support of the mining of the Meliadine Gold Project in accordance with the regulatory framework provided in the Nunavut Land Claims Agreement (NLCA) and the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* (NWNSRTA or Act) and Nunavut Water Regulations (Regulation). In addition the Application was prepared following the Nunavut Water Boards established guidelines[1].

The Application includes the following documents:

- Main Application Document
- Mine Plan
- Project Screening Report
- Water Management Plan
- Mine Waste Management Plan
- Ore Storage Management Plan
- Spill Contingency Plan
- Landfarm Management Plan
- Roads Management Plan
- Borrow Pits and Quarries Management Plan
- Landfill and Waste Management Plan
- Incineration Management Plan, including Dust Management Plan
- Hazardous Materials Management Plan
- Explosives Management Plan
- Preliminary Closure and Reclamation Plan
- Environmental Management and Protection Plan
- Aquatics Effects Monitoring Program Design Plan
- Quality Assurance / Quality Control Plan
- Public Engagement and Consultation Baseline Report
- Risk Management and Emergency Response Plan

A Project Certificate (no. 06) was issued, by the Nunavut Impact Review Board (NIRB) on 26 February 2015. The Application scope is consistent with the activities identified by

[1] Guide 4 – Completing and submitting as Water Licence Application for a New Licence (April 2010); NWB Draft Mining and Milling Supplemental Information Guideline (SIG) for Mine Development (MM3) (February 2010); and NWB Draft Industrial Supplemental Information Guideline (SIG) for Hydrocarbon Impacted Soil Storage and Landfarm Treatment Facilities (I3) (February 2010).

Agnico Eagle during the Part 5 review by NIRB of the Final Environment Impact Statement for the Project[2].

In lieu of a separate letters from Agnico Eagle, Agnico Eagle herein confirms the following:

- A list of Agnico Eagle representatives and external representatives for the purposes of this application are provided in the Main Application Document (see Document 1.3); and
- A Statement of Financial responsibility is also provided in the Main Application Document (see Section 1.3).

Agnico Eagle would like to confirm with the NWB that the companies financial responsibility is adequate for completion of the undertaking, mitigating adverse impact, ongoing maintenance, reclamation and restoration of the undertaking. Agnico Eagles' in confident in assuming its position taking into account is current ongoing and past performance in the Kivalliq region, Nunavut and Canada.

Agnico Eagle has included an application fee. No water licence fees are payable for the right to the use of waters on, in or flowing through Inuit Owned Lands. The Meliadine Project is on Inuit Owned Lands and subsequently no water licence fee is required.

I trust the above and attached information meets the NWB requirements for a Type A Water Licence for a mining undertaking. Should you have any questions, please do not hesitate to contact me at 819-763-0229 or stephane.robert@agnicoeagle.com.

AGNICO EAGLE MINES LIMITED

Stephane Robert
Manager Regulatory Affairs

Attachments: A – Water Licence Application Form
B – Main Application Document
C – Application Fee
D – Modified Concordance Assessment
E – Reclaim Model
F – Supporting Documents

https://capws.golder.com/sites/capws2/1114280011meliadine/type a water license/water licence application/6513-rep-00.doc

[2] Agnico Eagle (Agnico Eagle Mines Limited). 2014. Meliadine Gold Project, Nunavut. Final Environmental Impact Statement. Submitted to the Nunavut Impact Review Board. April 2014.

ATTACHMENT A:

MELIADINE GOLD PROJECT

Completed General Type A Water Licence Application for New Mining Undertaking

Application Submission Date: May 15, 2015

P.O. BOX 119

GJOA HAVEN, NU X0B 1J0
TEL: (867) 360-6338
FAX: (867) 360-6369

kNK5 wmoEp5 vtmp5
NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYIT
OFFICE DES EAUX DU NUNAVUT

GENERAL WATER LICENCE APPLICATION
(APPLICATION FOR NEW WATER LICENCE)

The applicant is referred to the NWB's Guide 4: *Guide to Completing and Submitting a Water Licence Application for a New Licence* for more information about this application form.

LICENCE NO:
(for NWB use only)

1. APPLICANT (PROPOSED LICENSEE) CONTACT INFORMATION (name, address)

Agnico Eagle Mines Limited
145 King Street East, Suite 400
Toronto, Ontario, M5C 2Y7, Canada
Phone: 416.947.1212 or 1.888.822.6714
Fax: 416.367.4681
e-mail: info@agnicoeagle.com
www.agnicoeagle.com

2. APPLICANT REPRESENTATIVE CONTACT INFORMATION if different from Block 1 (name, address)

A list of representatives is provided in the accompanying Type A Water Licence Main Application Document, in Appendix C, Document 1.3.

3. NAME OF PROJECT (including the name of the project location)

Meliadine Gold Project, Nunavut

4. LOCATION OF UNDERTAKING

Project Extents

Project Extents	Latitude	Longitude
Mine Site	63° 2' 53.091" N	92° 16' 16.651" W
	63° 2' 50.722" N	92° 9' 10.809" W
	63° 1' 1.463" N	92° 9' 13.978" W
	63° 1' 3.829" N	92° 16' 19.377" W
All-weather Access Road	63° 1' 19.309" N	92° 11' 26.684" W
	63° 1' 16.230" N	92° 3' 10.432" W
	62° 47' 58.542" N	92° 3' 36.080" W
	62° 48' 1.592" N	92° 11' 48.601" W
Itivia, Rankin Inlet Area	62° 48' 9.519" N	92° 6' 4.112" W
	62° 48' 9.283" N	92° 5' 27.421" W

	62° 47' 52.933" N	92° 5' 27.925" W
	62° 47' 53.169" N	92° 6' 4.610" W

Camp Location(s)

Latitude: (63° 2' 24.180" N) Longitude: (92° 13' 44.288" W)

5. **MAP** - Attach a topographical map, indicating the main components of the undertaking.

See Figure 1 attached.

NTS Map Sheet No.: 055J/13; 055K/16; 055N/01; 055O/04 Map Name: _____
Map Scale: 1:50,000

6. **NATURE OF INTEREST IN THE LAND** - Check any of the following that are applicable to the proposed undertaking (at least one box under the 'Surface' header must be checked).

The 'X" below denotes where leases or authorization are required. However, given that Agnico Eagle Mines Limited holds a number of land use permits, leases and authorizations for the Meliadine Gold Project, with the Kivaliq Inuit Association (KIA), Aboriginal Affairs and Northern Development Canada (AANDC) and the Government of Nunavut (GN), a full list of land use permits, leases and authorizations for the Project is provided in the accompanying Type A Water Licence Main Application Document, Appendix B, Table 2.4. This list includes dates of issuance and dates of expiry.

Sub-surface

☒ Mineral Lease from Nunavut Tunngavik Incorporated (NTI)
Date (expected date) of issuance: _____ Date of expiry: _____

☒ Mineral Lease from Aboriginal Affairs and Northern Development Canada (AANDC)
Date (expected date) of issuance: _____ Date of expiry: _____

Surface

☐ Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC)
Date (expected date) of issuance: _____ Date of expiry: _____

☐ Inuit Owned Land (IOL) Authorization from Kitikmeot Inuit Association (KIA)
Date (expected date) of issuance: _____ Date of expiry: _____

☒ IOL Authorization from Kivalliq Inuit Association (KivIA)
Date (expected date) of issuance: _____ Date of expiry: _____

☐ IOL Authorization from Qikiqtani Inuit Association (QIA)
Date (expected date) of issuance: _____ Date of expiry: _____

☐ Commissioner's Land Use Authorization
Date (expected date) of issuance: _____ Date of expiry: _____

☒ Other: GN Department of Government and Community Services
Date (expected date) of issuance: _____ Date of expiry: _____

Name of entity(s) holding authorizations: Agnico Eagle Mines Limited

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7. NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION

Indicate the land use planning area in which the project is located.

☐ North Baffin	x Keewatin
☐ South Baffin	☐ Sanikiluaq
☐ Akunniq	☐ West Kitikmeot

Is a land use plan conformity determination required?

x Yes ☐ No

If Yes, indicate date issued and attach copy June 8, 2011

Copy is on file with NWB public registry for the Project at the following link:
ftp://ftp.nwb-oen.ca/1%20PRUC%20PUBLIC%20REGISTRY/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-MEL----%20Agnico/2%20ADMIN/2%20NPC%20NIRB/0%20NPC/110608%202AM-MEL----%20NPC%20Conformity-IMLE.pdf

If No, provide written confirmation from NPC confirming that a land use plan conformity review is not required.

8. NUNAVUT IMPACT REVIEW BOARD (NIRB) DETERMINATION

Is an Article 12 Part 4 screening determination required?

x Yes ☐ No
Project screening was completed in 2011
110708 2AM-MEL----11EN034-NIRB Screening Decision Report – ODTE.pdf
110914 2AM-MEL----Minister to NIRB on Screening Decision – IMLE.pdf

A Part 5 Review by NIRB was required. NIRB issued Project Certificate No. 006 on February 26, 2015.

A copy of the Project Certificate is on file with NWB public registry for the Project at the following link:
ftp://ftp.nwb-oen.ca/1%20PRUC%20PUBLIC%20REGISTRY/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-MEL----%20Agnico/2%20ADMIN/2%20NPC%20NIRB/1%20NIRB/

If Yes, indicate date issued and attach copy

If No, provide written confirmation from NIRB confirming that a screening determination is not required.

9. DESCRIPTION OF UNDERTAKING – List and attach plans and drawings or project proposal.

Agnico Eagle Mines Limited is developing the Meliadine Gold Project, located approximately 25 kilometres (km) north of Rankin Inlet, and 80 km southwest of Chesterfield Inlet in the Kivalliq Region of Nunavut. Situated on the western shore of Hudson Bay, the proposed Project site is located on a peninsula between the east, south, and west basins of Meliadine Lake, on Inuit

owned lands. The Project is located within the Meliadine Lake watershed of the Wilson Water Management Area (Nunavut Water Regulations Schedule 4).

The mine plan proposes open pit and underground mining methods for the development of the Tiriganiaq gold deposit, with two open pits (Tiriganiaq Pit 1 and Tiriganiaq Pit 2) and one underground mine. The proposed mine will produce approximately 12.1 million tonnes (Mt) of ore, 31.8 Mt of waste rock, 7.4 Mt of overburden waste, and 12.1 Mt of tailings. There are four phases to the development of Tiriganiaq: just over 4 years construction (Q4 Year -5 to Year -1), 8 years mine operation (Year 1 to Year 8), 3 years closure (Year 9 to Year 11), and post-closure (Year 11 forwards).

Mining facilities include a plant site and accommodation buildings; three ore stockpiles; a temporary overburden stockpile; a tailings storage facility (TSF); three waste rock storage facilities (WRSFs); a water management system that includes collection ponds, water diversion channels, and retention dikes/berms; and a Water Treatment Plant (WTP).

Development of some of the facilities, such as a tank farm and laydown area, will take place at Itivia, south of the Hamlet of Rankin Inlet, where materials will be received by air and sea transport. Year-round access between Rankin Inlet and the mine site will be facilitated by a bypass road around Rankin Intel and an All-weather Access Road (AWAR) to the proposed mine.

Further details of the Project can be found in the accompanying documents:

- Type A Water Licence Main Application Document (Agnico Eagle 2015a); and
- Mine Plan (Agnico Eagle 2015b).

10. **OPTIONS** – Provide a brief explanation of the alternative methods or locations that were considered to carry out the project.

Alternatives to Project components and activities were assessed by Agnico Eagle using the following criteria: technical feasibility, economic viability, environmental acceptability, community preference, social acceptability, and reclamation and closure. The alternative assessment approach employed by Agnico Eagle recognises that community preferences are important, and that positive and negative effects on Valued Ecosystem Components (VECs) and Valued Socio-Economic Components (VSECs) have to be carefully weighed in selecting the preferred alternative. The process gave due consideration to the vulnerability of the Arctic ecosystem, the potential for extension of the mine life, reclamation and closure, and potential for cumulative effects.

Agnico Eagle completed an explicit analysis of all of the reasonable identified means of carrying out the Project components or activities, including the “no-go” alternative. The alternatives analysis is summarized in the accompanying Type A Water Licence Main Application Document, Section 2.3; additional information on the alternatives considered for the TSF is provided in the Mine Plan (Section 2.7). A full options analysis for the Project was presented in the supporting document entitled “Project Alternatives” (SD 2-1) submitted to NIRB as part of the FEIS (Agnico Eagle 2014).

11. **CLASSIFICATION OF PRIMARY UNDERTAKING -** Indicate the primary classification of undertaking by checking one of the following boxes.

☐ Industrial ☐ Agricultural
x Mining and Milling (includes exploration/drilling/exploration camps)
☐ Conservation
☐ Municipal (includes camps/lodges) ☐ Recreational
☐ Power ☐ Miscellaneous (describe below):

See Schedule II of *Northwest Territories Waters Regulations* for Description of Undertakings.

Information in accordance with applicable Supplemental Information Guidelines (SIG) must be submitted with a New Water Licence Application. Indicate which SIG(s) are applicable to your application.

- ☐ Hydrostatic Testing
- ☐ Tannery
- ☐ Tourist / Remote Camp
- x Landfarm & On-Site Storage of Hydrocarbon Contaminated Soil
- ☐ Onshore Oil and Gas Exploration Drilling
- ☐ Mineral Exploration / Remote Camp
- ☐ Advanced Exploration
- x Mine Development
- ☐ Municipal
- ☐ General Water Works
- ☐ Power

12. **WATER USE -** Check the appropriate box(s) to indicate the type(s) of water use(s) being applied for.

- x To obtain water for camp/ municipal purposes
- x To obtain water for industrial purposes
- x To cross a watercourse
- x To alter the flow of or store water
- x To divert a watercourse
- x To modify the bed or bank of a watercourse
- x Flood control
- x Other: Dewatering Lakes; Impacted Ponds, Groundwater

13. **QUANTITY AND QUALITY OF WATER INVOLVED -** For each type of water use indicated in Block 12, provide the source of water, the quality of the water source and available capacity, the estimated quantity to be used in cubic meters per day, method of extraction, as well as the quantities and qualities of water to be returned to source.

Table 1 providing the information stipulated below for each water use identified in Block 12 is attached to this application. For additional information, please refer to the Water Management Plan (Agnico Eagle 2015).

Name of water source(s) (show location(s) on map):
_____

Describe the quality of the water source(s) and the available capacity: _____
_____
_____

Provide the overall estimated quantity of water to be used: _____ m^3/day

Provide the estimated quantity(s) of water to be used from each source:
_____

Indicate the estimated quantities to be used for each purpose (camp, drilling, etc.)
_____

Describe the method of extraction(s): _____

Estimated quantity(s) of water returned to source(s) _____ m^3/day

Describe the quality of water(s) returned to source(s): _____
_____
_____

14. **WASTE** – Check the appropriate box(s) to indicate the types of waste(s) generated and deposited.

x Sewage
x Solid Waste
x Hazardous
x Bulky Items/Scrap Metal
x Animal Waste
x Other (describe): Tailings, Waste Rock, Overburden, Ash
x Waste oil
x Greywater
x Sludges
x Contaminated soil and/or water

15. **QUANTITY AND QUALITY OF WASTE INVOLVED** – For each type of waste indicated in Block 14, describe its composition, quantity in cubic meters/day, method of treatment and method of disposal.

Table 2 providing the information stipulated below for each waste identified in Block 14 is attached to this application.

Type of Waste	Composition	Quantity Generated	Treatment Method	Disposal Method

16. **OTHER AUTHORIZATIONS** – In addition to the sub-surface and surface land use authorizations provided in Block 6, indicate any other authorizations required in relation to the proposed undertaking.

Agnico Eagle holds a number of Type B Water Licenses for the Meliadine Gold Project, in addition to licenses with the Nunavut Research Institute and GN Departments of Culture, Language, Elders and Youth, and Environment. A number of federal authorizations may be required for the Project from Transport Canada, Department of Fisheries and Oceans Canada (DFO) and Natural Resources Canada, in addition to territorial authorizations from the Nunavut Mine Health and Safety and Nunavut Workers Compensation Board. A full list of existing and required authorizations is provided in the accompanying Type A Water Licence Main Application Document, Appendix B, Table 2.4.

17. **PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES** - Describe direct, indirect, and cumulative impacts related to water and waste.

Baseline data collected by Agnico Eagle, predicted environmental impacts of the Project and proposed mitigation measures have been provided in the Final Environmental Impact Statement (FEIS) (Agnico Eagle 2014) and are available to the public, any interested party, or the Nunavut Water Board (NWB) through the NIRB Registry: ftp://ftp.nirb.ca/02-REVIEWS/ACTIVE%20REVIEWS/11MN034-AEM%20MELIADINE/

A summary of the environmental impacts relating to the use of water and disposal of waste is provided in Section 5 of the accompanying Type A Water Licence Main Application Document.

In addition, the Final Hearing Report prepared by NIRB for the Meliadine Gold Project (File # 11MN034; October 2014) summarizes the ecosystemic and socio-economic effects of the Project (Sections 4 and 5). NIRB concludes: "*After due consideration and in accordance with the process and primary objectives of the Nunavut Land Claims Agreement, the Board has determined that Agnico Eagle Ltd.'s Meliadine Gold Project, NIRB File No.: 11MN034 should proceed in accordance with the Board's Final Hearing Report and associated recommendations*." Project Certificate No. 006 was issued for the Meliadine Gold Project on February 26, 2015.

18. WATER RIGHTS OF EXISTING AND OTHER USERS OF WATER

Provide the names, addresses and nature of use for any known persons or properties that may be adversely affected by the proposed undertaking, including those that hold licenses for water use in precedent to the application, domestic users, in-stream users, authorized waste depositors, owners of property, occupiers of property, and/or holders of outfitting concessions, registered trapline holders, and holders of other rights of a similar nature.

None identified.

Advise the Board if compensation has been paid and/or agreement(s) for compensation have been reached with any existing or other users. N/A

19. INUIT WATER RIGHTS

Advise the Board of any substantial affect of the quality, quantity or flow of waters flowing through Inuit Owned Land (IOL), and advise the Board if negotiations have commenced or an agreement to pay compensation for any loss or damage has been reached with one or more Designated Inuit Organization (DIO).

To date AEM has negotiated a Water Compensation Agreement with the KIA covering the construction, operation and decommissioning of the Phase 1 All-weather Access Road (AWAR) between Rankin Inlet and the Project site. This agreement is in accordance with Article 20 of NLCA addressing Inuit Water Rights.

AEM will require a similar Agreement with the KIA for the construction, operation and decommissioning of the proposed Meliadine Gold Mine project addressing compensation for Inuit Water Rights affected by the proposed Project. AEM is committed to working in good faith with the KIA to ensure a water compensation agreement is in place prior to the Type A Water Licence hearing.

Agnico Eagle knows of no other water rights that must be secured for the proposed Project.

20. CONSULTATION – Provide a summary of any consultation meetings including when the meetings were held, where and with whom. Include a list of concerns expressed and measures to address concerns.

Agnico Eagle has had ongoing discussions and consultations with the GN, KIA, HTO and the Hamlet of Rankin Inlet, to ensure that all parties are kept aware of our development plans for the Project, since 2010. This has enabled the GN, KIA and the Hamlet to incorporate, and where possible, dovetail our development plans with regional economic development plans. This dialogue will continue throughout the life of the Project. Agnico Eagle will continue to meet directly with Hamlet council in Rankin Inlet to discuss all Project-related issues and to cooperate with the Hamlet, where appropriate.

In 2012, Agnico Eagle created (with the assistance of the Hamlet) a Rankin Inlet – Meliadine

Project Community Liaison Committee, made up of representatives from various community groups. This group meets with the Agnico Eagle Project Management team to allow all issues related to the Project development to be aired and discussed in a troubleshooting format. The meeting contents and outcomes are then made public. This committee met several times in 2012 and 2013, and Agnico Eagle is committed to continue meeting in 2015. Committee members suggested that this initiative be replaced with an Inter-Agency Committee to provide more direct linkage with the various community groups rather than just with community individuals. Agnico Eagle is intending to follow this suggestion and plans to re-engage the community in 2015 through an Inter-Agency Liaison Committee or some equivalent acceptable to the community.

With the assistance of KIA, Agnico Eagle has engaged in meetings with the HTO and the Community Lands and Resources Committee (CLARC) to review the proposed Project development and to work on modifying the Project plan to meet issues of concern to local hunters, trappers and other traditional land users. This committee will continue to meet throughout the mine life to address concerns as they arise.

Consultations have been recorded from 1995 to the present and have included information sessions, consultation, informed participation, and negotiation. In its public engagement and consultation, Agnico Eagle focused on those communities in close proximity to the Project (Rankin Inlet and Chesterfield Inlet). Stakeholders were identified and consulted amongst general public, local and regional communities and Inuit organizations, federal and territorial government departments, and government institutes having a mandate relevant to the Project.

Common to all communities were concerns related to caribou preservation, jobs and training. An additional concern raised in 2012 was employee relations, particularly as it relates to the accommodation of different cultures working together. Key community findings and the company's response to address them are outlined in the FEIS (Agnico Eagle 2014). Community findings directly related to water use and waste disposal are summarized in Appendix B, Table 2.7 of the accompanying Type A Water Licence Application Document. The Public Engagement and Consultation Baseline Report (Agnico Eagle 2015) has been updated in support of this Type A Water Licence Application and is also provided in the accompanying documents.

21. SECURITY INFORMATION

Provide an estimate of the total financial security for final reclamation equal to the total outstanding reclamation liability for land and water combined sufficient to cover the highest liability over the life of the undertaking. Estimates of reclamation costs must be based on the cost of having the necessary reclamation work done by a third party contractor if the operator defaults. The estimate must also include contingency factors appropriate to the particular work to be undertaken.

Where applicable, the financial security assessment should be prepared in a manner consistent with the principals respecting mine site reclamation and implementation found in the *Mine Site Reclamation Policy for Nunavut,* Indian and Northern Affairs Canada, 2002.

The total estimated financial security for the Project is $47,449,337. Attachment E provides the reclaim model. Further details on the financial security estimate can be found in the accompanying Preliminary Closure and Reclamation Plan, Section 10.

22. FINANCIAL INFORMATION

Provide a statement of financial responsibility.

A statement of financial responsibility is provided in the accompanying Type A Water Licence Main Application Document, Section 1.3. A copy of Agnico Eagle's audited financial statements for the

2014 fiscal year are provided in the accompanying Type A Water Licence Application Document, Appendix C, Document 1.5.

If the applicant is a business entity, provide a list of the officers of the company.

As of 13 May 2015, the officers of the company are as follows:

CEO – Sean Boyd
President – Ammar Al-Joundi

Directors: James D. Nasso; Sean Boyd, Dr. Leanne M. Baker, Martine A. Celej; Robert J. Gemmell, Bernard Kraft; Mel Leiderman, Deborah McCombe, Dr. Sean Riley, J. Merfyn Roberts, Howard Stockford, and Pertti Voutilainen.

Senior Vice-Presidents: David Smith, Donald G. Allan, Alain Blackburn, Picklu Datta, Louise Grondin, Tim Haldane, R. Gregory Laing, Marc Legault, Jean Luk Pellerin, Jean Robitaille, and Yvon Sylvestre.

Vice Presidents: Luis Felipe Medina Aguirre, Lino Cafazzo, Paul Cousin, Mathew Cook, Brian Christie, Patrice Gilbert, Dominique Girard, Guy Gosselin, Ingmar E. Haga, Michel Leclerc, Christain Provencher, Michael Timmins and Carol Plummer.

Source: http://www.agnicoeagle.com/en/About-Us/Pages/Management.aspx

A list of company representatives for the Application are provided in the accompanying Type A Water Licence Main Application Document, in Appendix C, Document 1.3.

If the applicant is a business entity attach a copy of the Certificate of Incorporation or evidence of registration of the company name.

A copy of the Certificate of Incorporation is provided in the accompanying Type A Water Licence Main Application Document, Appendix C, Document 1.2.

23. STUDIES UNDERTAKEN TO DATE - List and attach copies of studies, reports, research, etc.

A list of key studies, reports and research undertaken for the Project relating to the use of water and disposal of waste is provided below. A full list of studies, reports and research completed for the Project as referenced within the Application and supporting documents can be provided upon request.

- Final Environmental Impact Statement (available on the NIRB public registry)
- Mine Plan
- Water Management Plan
- Ore Storage Management Plan
- Mine Waste Management Plan
- Landfill and Waste Management Plan
- Landfarm Management Plan
- Hazardous Materials Management Plan
- Incineration Management Plan
- Roads Management Plan
- Borrow Pits and Quarries Management Plan
- Explosives Management Plan
- Risk Management and Emergency Response Plan
- Spill Contingency Plan
- Aquatics Effects Monitoring Program Design Plan
- Preliminary Closure and Reclamation Plan
- Environmental Management and Protection Plan

- Quality Assurance/Quality Control Plan
- Public Engagement and Consultation Baseline Report
- Screening Report – Revised Project Design

Studies used to support the design of the above mentioned reports and plans are listed in the full reference lists attached to each plan.

24. **PROPOSED TIME SCHEDULE** – Indicate the proposed start and completion dates for each applicable phase of development (construction, operation, closure, and post closure).

Pre-Development: (separate Type B Water Licence Application to be filed with NWB May 2015)
Proposed Start Date: September/2015

Construction
Proposed Start Date: April/2016 (month/year) Proposed Completion Date: April/2020 (month/year)
Operation
Proposed Start Date: April/2020 (month/year) Proposed Completion Date: April/2028 (month/year)
Closure
Proposed Start Date: April/2028 (month/year) Proposed Completion Date: April/2031 (month/year)
Post - Closure
Proposed Start Date: April/2031 (month/year) Proposed Completion Date: to be determined (month/year)

For each applicable phase of development indicate which season(s) activities occur.

Construction
☐ Winter ☐ Spring ☐ Summer ☐ Fall x All season

Operation
☐ Winter ☐ Spring ☐ Summer ☐ Fall x All season

Closure
☐ Winter ☐ Spring ☐ Summer ☐ Fall x All season

Post - Closure
☐ Winter ☐ Spring ☐ Summer ☐ Fall x All season

25. **PROPOSED TERM OF LICENCE**

Number of years (maximum of 25 years): 15 years

Requested Date of Issuance: April/2016 (month/year) Requested Expiry Date: April/2031 (month/year)

(The requested date of issuance must be at least three (3) months from the date of application for a type B water licence and at least one (1) year from the date of application for a type A water licence, to allow for processing of the water licence application. These timeframes are approximate and do not account for the time to complete any pre-licensing land use planning or development impact requirements, time for the applicant to prepare and submit a water licence application in accordance with any project specific guidelines issued by the NWB, or the time for the applicant to respond to requests for additional information. See the NWB's Guide 5: Processing Water Licence Applications

for more information)

26. **ANNUAL REPORTING –** If not using the NWB's *Standardized Form for Annual Reporting*, provide details regarding the content of annual reports and a proposed outline or template of the annual report.

Agnico Eagle will comply with the reporting format stipulated in Schedule B of the Type A Water Licence.

27. **CHECKLIST –** The following must be included with the application for the water licensing process to begin.

Written confirmation from the NPC confirming that NPC's requirements regarding land use plan conformity have been addressed.

x Yes ☐ No If no, date expected (see NWB public registry)

Written confirmation from the NIRB confirming that NIRB's requirements regarding development impact assessment have been addressed.

x Yes ☐ No If no, date expected (see NWB public registry)

Completed General Water Licence Application form.

x Yes ☐ No If no, date expected _____

Information addressing Supplemental Information Guideline (SIG) , where applicable (see Block 11)

x Yes ☐ No If no, date expected _____

English Summary of Application.

x Yes ☐ No If no, date expected _____

Inuktitut and/or Inuinnaqtun Summary of Application.

x Yes ☐ No If no, date expected _____

Application Fee of $30.00 CDN (Payee Receiver General for Canada).

x Yes ☐ No If no, date expected _____

Water Use Fee Deposit of $30.00 CDN (Payee Receiver General for Canada). The actual water use fee will be calculated by the NWB based upon the amount of water authorized for use in accordance with the Regulations at the time of issuance of the licence.

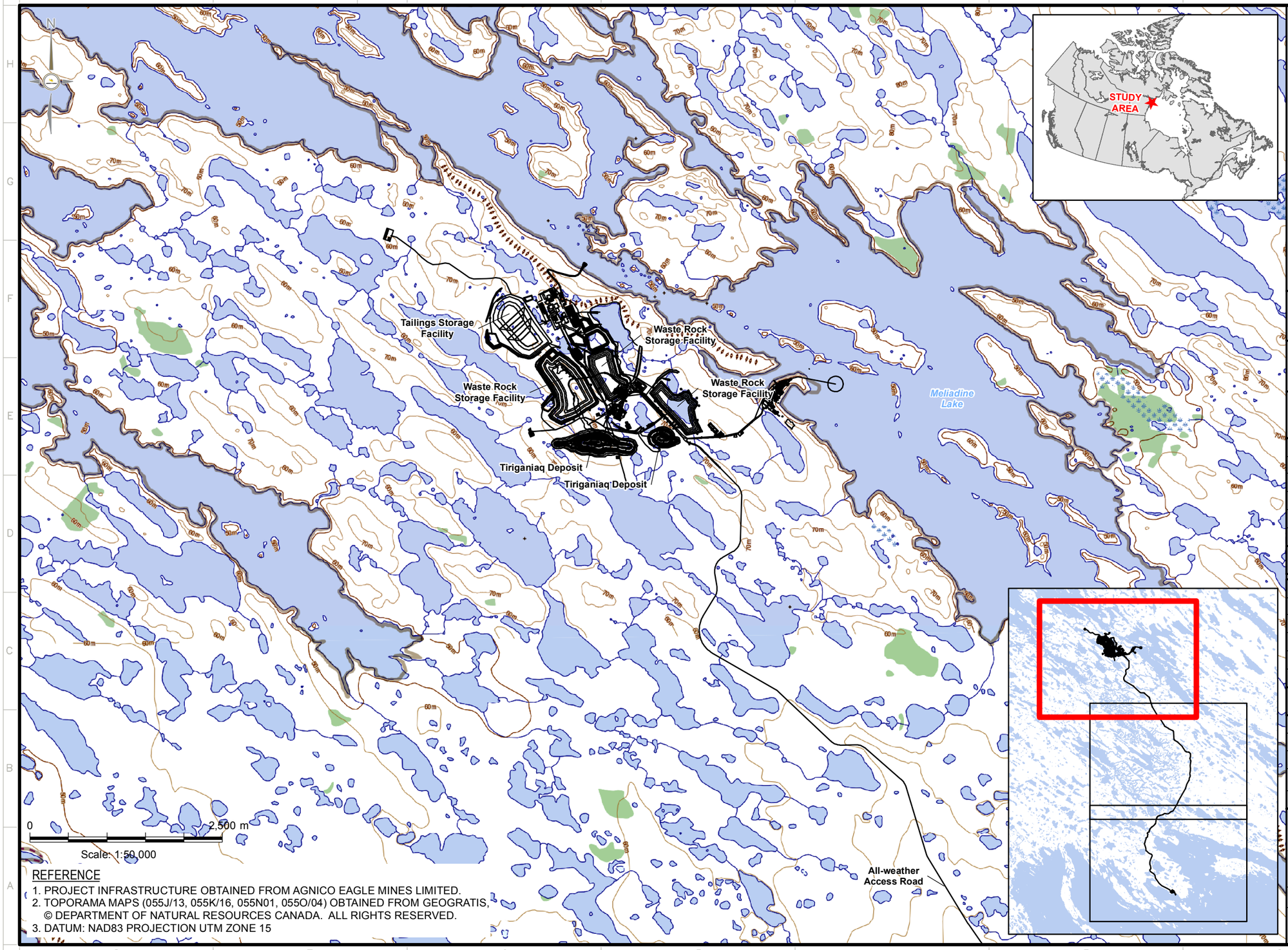
☐ Yes x No If no, date expected Not required, the Meliadine Project is on Inuit Owned Land

28. **SIGNATURE**

Stephane Robert	Manager Regulatory Affairs		May 15, 2015
Name (Print)	**Title (Print)**	**Signature**	**Date**

NO. DESSIN
DRAWING NO.

FORMAT ANSI B – 11x17



LEGEND

- PROJECT INFRASTRUCTURE
- WATERCOURSE
- WATERBODY
- TERRITORIAL PARK

REFERENCE

1. PROJECT INFRASTRUCTURE OBTAINED FROM AGNICO EAGLE MINES LIMITED.
2. TOPORAMA MAPS (055J/13, 055K/16, 055N01, 055O/04) OBTAINED FROM GEOGRATIS, © DEPARTMENT OF NATURAL RESOURCES CANADA. ALL RIGHTS RESERVED.
3. DATUM: NAD83 PROJECTION UTM ZONE 15

AGNICO EAGLE

Golder Associates

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TITRE / TITLE	# DWG

DESSINS EN RÉFÉRENCE/REFERENCE DRAWINGS

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REV	DESCRIPTION	DATE	PAR BY

REVISIONS

DESSINÉ PAR DRAWN BY	CDB	DATE	24–03–2015
VÉRIFIÉ PAR CHECKED BY	LY		24–03–2015
APPROUVÉ PAR APPROVED BY	DRW		24–03–2015
No. PROJET PROJECT NO.	1405283		
DATE	–		

TITRE / TITLE

AGNICO EAGLE – MELIADINE DIVISION
FIGURE 1 THE LOCATION OF THE PROJECT, WASTE DEPOSITS AND WATERCOURSES

ÉCHELLE/ SCALE	1:50,000	FICHIER FILE	.DWG
No. DESSIN/ DRAWING NO.	–	REVISION	0
		FEUILLE/SHT	1 / 1

AE–CART–ANSI B

N:\Client\Agnico_Eagle_Mines_Ltd\Meliadine_Gold_Project\99_PROJECTS\1405283_Meliadine_Water_License\02_PRODUCTION\3000_Application_Preparation\MXD\3200\Report\Concordance\1405283_Figure_1_General_Project_Site_Location_Plan.mxd

TABLE 1: QUANTITY AND QUALITY OF WATER INVOLVED (BLOCK 13)

The information below is a basic summary of the requirements of Block 13; for full details please refer to the Water Management Plan and Main Application Document submitted in support of the this application.

	Camp and Industrial	**To cross a watercourse**	**To modify the bed or bank of a watercourse**	**To alter the flow of or store water; to divert a watercourse; flood control**	**Dewatering Lakes; Impacting Ponds**	**Groundwater**
Name of Water Source	Meliadine Lake	Meliadine Lake, Meliadine River, Char River, Thompson, Dry Cove, Atulik, Rankin Inlet	Banks and beds may be altered at road crossings	8 diversions channels, 3 berms, and 6 water passage culverts will be constructed to manage water on site	• 4 lakes will be dewatered: A54, H17, H19, H20 • 6 ponds will be drained due to the construction of diversion channels • 4 ponds will be removed by the development of Tiriganiaq pits • 9 ponds will be covered by WRSFs, TSF, pads or haul road • 4 ponds will be incorporated into collection ponds	Groundwater
Quality of the water source and the available capacity	Freshwater	N/A	N/A	N/A	N/A	Saline
Estimated quantity of water to be used from each source for each purpose (m^3/day)	• Potable water: the design flow rate for the camp water is 136 m³/day. • The remaining water would be used for industrial purposes such as drilling, freshwater make up in the processing plant, explosives manufacture, concrete production and dust suppression. • 62,000 m^3/year (170 m^3/day) will be required during construction phase, • 318,000 m^3/year (871 m^3/day) will be required during operation phase. • approximately 4,000,000 m^3/year (assumed pumping rate is 0.44 m^3/s for 38,300 m^3/day) to fill the mined-out open pits at closure. Water will only be pumped during open water season.	N/A	N/A	N/A	• An estimated volume of 223,683 m^3 will be dewatered from the A54, H17, H19, H20	Passive inflow is currently estimated at 526 m^3/day starting in Year -3. Groundwater will be treated, then used for underground drilling operations; from 300 m^3/day to 1,500 m^3/day will be required. Drilling water will be diverted to sumps for re-circulation.
Method of Extraction	Freshwater will be sourced from Meliadine Lake through a freshwater intake and pump system.	N/A	N/A	N/A	Pumping	Pumping
Quantity (m^3/day) and quality of water returned to each source	• The maximum annual discharge volume to Meliadine Lake is predicted to be 730,000 m³/year. Water will be discharged in the open water season only (mid-June to September). • During operations contact water will be treated to meet proposed effluent water quality criteria before discharge or be equal to or less than SSWQOs[(a)], CCME[(b)], or MMER[(c)] dependent on the constituent.	N/A	N/A	N/A	N/A	Excess treated groundwater will be pumped to surface for management. This volume is expected to range between 0.11 Mm^3/year to 0.18 Mm^3/year. Long-term excess ground water management plan is ongoing. Short-term excess groundwater plan is store on surface until a 2 year extensive hydrogeological study (2015 and 2016) is complete

[(a)] Golder (Golder Associates Ltd.). 2013. Reinstated Draft Site-Specific Water Quality Objective (SSWQO) Assessment, Meliadine Gold Project, Nunavut. Technical Memorandum. Submitted to Agnico Eagle Mines Ltd.

[(b)] CCME (Canadian Council of Ministers of the Environment). 1999. Canadian Environmental Quality Guidelines, with updates to 2014.. Publication No. 1299. Winnipeg, MB, Canada. ISBN: 1-896997-34-1.

[(c)] Government of Canada. 2012. Metal Mining Effluent Regulations. SOR/2002-222; current to November 18, 2012.

TABLE 2: QUANTITY AND QUALITY OF WASTE INVOLVED (BLOCK 15)

Type of Waste	Composition	Quantity Generated	Treatment Method	Disposal Method
Tailings	Non Acid Generating (NAG) and low potential for metal leaching in the long-term	9.7 Mt	None	Tailing Storage Facility (TSF)
		2.4		Backfilled to underground mine
Waste Rock	No potential acid generating (NPAG) and low potential for metal leaching.	25.7 million tonnes (Mt)	None	Waste Rock Storage Facilities (WRSF) 1, 2 and 3
		2.0 Mt		Backfilled to underground mine
		4.1 Mt		Used for construction and TSF closure cover
Overburden	NPAG, low potential for meta leaching, and will meet MMER monthly mean limits	7.4 Mt	None	Temporary storage in overburden stockpile; closure and site reclamation for the TSF; co-disposed within WRSF
Domestic Solid Waste / Bulky Items	Non-salvageable, non-hazardous, non-putrescible solid wastes	Construction: 390 t Operations: 8,550 t Closure: 2,150 t Decommissioning: 27,500 t	None	Landfill
Ash From The Incinerator	Ash meeting regulatory criteria	Construction: 90 t Operations: 787.5 t Closure: 30 t	None	Landfill
	Ash not meeting the criteria			Shipped off-site to a certified waste disposal facility or buried within the TSF
Putrescible Solid Waste / Medical Wastes / Other Wastes	Organic matter including food, food containers and wrappings; Medical waste from the Health Care Station; Paper and cardboard; Hydrocarbon spill absorbents; Plastics (without chlorine) and Styrofoam	Construction: 100 t/year Operations: 350 t/year Closure: 25 t/year	Modern, controlled-air, batch, dual chamber incinerator. The batch cycle will be approximately 6-10 hours for the burn cycle and 6-8 hours for the cool-down.	Incineration
Animal Waste	Deceased animals	Accidental death of animals on site or along the AWAR	Incineration	Incineration or as otherwise directed by the local authorities and community.
Used Oil and Waste Fuel	Waste oil meeting regulatory criteria	365,000 L/year	Incineration	Incineration
	Waste oil not meeting impurity limits or having a flash point less than 37.7°C		None	Shipped off-site to a certified waste disposal facility
Recycling Materials/ Scrap Metal	Alkaline and rechargeable batteries; obsolete computer equipment; fluorescent light bulbs; scrap metal	N/A	None	Shipped off-site to a recycling facility
Contaminated Soil/Snow	Soils, rock, ice, and snow contaminated by light hydrocarbons	Total of 4,970 m^3 of soil 500 m^3 / year of snow	Bioremediation	Landfarm
Hazardous Wastes	Acids, emulsifiers, ammonium nitrate, gas wastes, solvents, water/effluent treatment chemicals, various additives	653 drums / year 521 totes / year 543 quatrex / year 7 seacans / year (volumes estimated from Meadowbank operations in 2014)	None (on-site)	Shipped off-site to a licensed hazardous waste management facility for treatment and disposal
Sewage and Greywater	From camp and change room facilities	136 m^3/day	Biological reactor	Discharge to CP1
Sewage Sludge	From sewage treatment plant	N/A	Filtering sewage sludge will be considered	Will be disposed of in the TSF
Contaminated Water	Effluent discharge	The maximum annual discharge volume to Meliadine Lake is predicted to be 730,000 m^3/year.	Contact water will be managed by water diversion channels, retention dikes/ berms, and water collection ponds. If required, the water will be treated prior to discharge.	Discharge to Meliadine Lake via the diffuser

ATTACHMENT B – Main Application Document

(see file 150513 2AM-MEL----MainApplicationDocument-IMLE.pdf)

ATTACHMENT C – Application Fee

ATTACHMENT D – Modified Concordance Assessment

CONCORDANCE ASSESSMENT

Mining and Milling
Supplemental Information Guideline (SIG)
for
Mine Development (MM3)

MELIADINE GOLD PROJECT

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6.0 (A) WATER WORKS

7.0 WASTE DISPOSAL

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9.0 LIST OF PLANS

LIST OF DRAWINGS

Concordance Assessment
Meliadine Gold Project Type A Water Licence Application

1.0 Introduction

This completed supplemental information guideline (SIG) for a Mining Undertaking (NWR or Regulations) form part of the Type A Water Licence Application submitted by Agnico Eagle Mines Limited (Agnico Eagle) for the Meliadine Gold Project.

Agnico Eagle acknowledges that the NWB may provide guidelines to the applicant respecting the information to be provided by Agnico Eagle in respect of any matter that the Board considers relevant (Act s.48(3) and this SIG forms the base of guidelines from the Board.

Recognizing that the NWB may issue additional Project Specific Information Requirements (PSIR) to Agnico Eagle following completion of development impact assessment in accordance with Article 12 of the NLCA, Agnico Eagle has modified the NWB SIG (Tab 9.0) to include the water related project specfic requirements from the Project Certificate issued by the NIRB (February 2015). This Tab 9.0 (PSIR) can be issued upon request.

Concordance Assessment
Meliadine Gold Project Type A Water Licence Application

2.0 Minimum Application Requirements (Application Checklist)

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	NWB Concordance Assessment
Minimum Application Requirements	1	General Water Licence Application Form (see the NWB's *Guide 4: Completing and Submitting a Water Licence Application for a New Licence*) or Application for Water Licence Amendment Form, if appropriate (see NWB's *Guide 7: Licensee Requirements Following the Issuance of a Water Licence*).	Y	n/a	Cover Letter from Agnico Eagle to NWB for submission of the Application (Cover Letter) April 2015 **(Note: All reports authored by Agnico Eagle Mines Limited unless otherwise stated)**	150513 2AM-MEL----Cover LtrApplicationForm	Attachment A	
					Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	Appendix C. Document 1.1	
	2	Information required to satisfy the requirements of the SIG including plans, reports and designs.	Y	n/a	Cover Letter, April 2015	150513 2AM-MEL----Cover LtrApplicationForm	full document	
					Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 2 and Appendix B, Table 2.1	
					Cover Letter, April 2015	150513 2AM-MEL----Cover LtrApplicationForm	Attachment D: Concordance Assessment (Appendix A to concordance assessment)	
	3	Executive summary in English.	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	Executive Summary Section	
					All submissions made in support of the Application by Agnico Eagle Mines Limited, April 2015	See Tab 9.0 to this Concordance Assessment for list of all supporting documents	Executive Summary Section	
	4	Translated executive summary in appropriate language and dialect.	Y	n/a	Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	Executive Summary Section	
					All submissions made in support of the Application by Agnico Eagle Mines Limited, April 2015	See Tab 9.0 to this Concordance Assessment for list of all supporting documents	Executive Summary Section	

Concordance Assessment
Meliadine Gold Project Type A Water Licence Application

2.0 Minimum Application Requirements (Application Checklist)

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	NWB Concordance Assessment
	5	Application fee.	Y	n/a	Cover Letter, April 2015	150513 2AM-MEL----Cover LtrApplicationForm	Attachment C: Application Fee	
					Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s.2 and Appendix C, Document 1.1.	
	6	Water use fee.	Y	n/a	Cover Letter , April 2015	150513 2AM-MEL----Cover LtrApplicationForm	full document	
					Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s.2 and Appendix C, Document 1.1.	
	7	A table indicating concordance of the application and supporting documents to the Guidelines. These generic Guidelines are provided in excel as a tool for applicants to provide the necessary concordance table.	Y	n/a	Cover Letter, April 2015	150513 2AM-MEL----Cover LtrApplicationForm	Attachment D: Concordance Assessment	

Qualifications:

1 Applications that do not include all of the items listed above will be returned to the applicant as incomplete with a request for the deficient information.
2 If more than one licensable activity or facility is proposed that requires a water licence (eg. multiple water sources, waste deposits, structures, crossings, etc.) the required information must be provided for each activity or facility.
3 Information between all documents that make up the application package must be consistent and must be accurately cross referenced.
4 The application must distinguish between recommendations or options and actual commitments to chosen alternatives.
5 For additional guidance regarding the submission of electronic documentation, see the NWB's *Guide 6: Electronic Documentation: Submissions and Registry* .
6 The applicant, where practical, may combine components of the information requested in the SIG into more concise plans to provide clarity and eliminate duplication. If this practice is considered, then the applicant must clearly outline, through proper referencing and clearly detailed statements, how the NWB should consider the documents that have combined elements of information. Information management is the responsibility of the applicant.
7 The applicant must submit a concise executive summary of the application package. In addition, the Applicant shall submit an executive summary for each separate supporting document, report or study. All executive summaries shall be provided in English, Inuktitut and/or Inuinnaqtun (where applicable).

The applicant must complete the yellow columns of the worksheet(s). Blue columns are for NWB use only.

Concordance Assessment
Meliadine Gold Project Type A Water Licence Application

3.0 General Water Licence Application

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
Applicant	**1**	Provide the full name of the applicant and contact person including contact information (position, phone number, address, fax number and email address).	Y	n/a	Cover Letter from Agnico Eagle to NWB for submission of the Application (Cover Letter), April 2015 (Note: All reports authored by Agnico Eagle Mines Limited unless otherwise stated)	150513 2AM-MEL----Cover LtrApplicationForm	full document	n/a	
					Cover Letter, April 2015	150513 2AM-MEL----Cover LtrApplicationForm	Attachment A, s.1	n/a	
Applicant Representative	**2**	Provide the name and contact information of any party submitting the application on behalf of the applicant (including position, phone number, address, fax number and email address).	Y	n/a	Type A Water Licence Main Application Document; April 2015 **(Note: All reports authored by Agnico Eagle Mines Limited unless otherwise stated)**	150513 2AM-MEL---- MainApplicationDocument-IMLE	Appendix C. Document 1.3	n/a	
	3	Provide a signed letter authorizing a party to be the applicant's representative in the licensing process.	Y	n/a	Cover Letter, April 2015	150513 2AM-MEL----Cover LtrApplicationForm	Main body of letter	n/a	
Name of Project	**4**	Provide the name of the project.	Y	n/a	Cover Letter, April 2015	150513 2AM-MEL----Cover LtrApplicationForm	Main body of letter and Attachment A -Application Form	n/a	
					All submissions made in support of the Application by Agnico Eagle Mines Limited, April 2015	See Tab 9.0 to this Concordance Assessment for list of all supporting documents	Executive Summary and Section 1: Introduction	n/a	
Location of Undertaking	**5**	Provide coordinates of the project extents taking into account the Local Project Area (LPA) and the Regional Project Area (RPA), where applicable.	Y	n/a	Cover Letter, April 2015	150513 2AM-MEL----Cover LtrApplicationForm	Attachment A, s.4	n/a	
	a	Provide location by Latitude and Longitude.	Y	n/a	Cover Letter, April 2015	150513 2AM-MEL----Cover LtrApplicationForm	Attachment A, s.4	n/a	
	b	Provide location by UTM coordinates, if available.	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	Appendix A - Figures 1.1 to 1.3	n/a	
	c	Provide the distances to the nearest communities.	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s. 1 and Appendix A - Figure 1.1	n/a	
	6	Indicate whether the drainage basin, in which the project is located, is shared with any other jurisdiction. If applicable, indicate which jurisdiction.	Y	Watershed is located within Nunavut	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s.1 s. 3.2.8	n/a	
					All submissions made in support of the Application by Agnico Eagle Mines Limited, April 2015	See Tab 9.0 to this Concordance Assessment for list of all supporting documents	Introduction of each document	n/a	
Map	**7**	Provide a map at a 1:50,000 scale based on the National Topographic Series indicating the location of the undertaking, watercourses and the location of waste deposits. Additional maps at various scales may be provided if those maps will provide additional information or clarification. All additional maps must indicate the scale, map sheet number (if applicable), and location of north.	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	Appendix A - Figure 1.3;	n/a	
					Cover Letter, April 2015	150513 2AM-MEL----Cover LtrApplicationForm	Attachment A, s.5, Figure 1	n/a	
Nature of Interest in the Land	**8**	Provide the nature of the interest in the land associated with the proposed undertaking, including:	Y	n/a	Cover Letter, April 2015	150513 2AM-MEL----Cover LtrApplicationForm	Attachment A, s.6	n/a	
					Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s.2.4.2	n/a	

Concordance Assessment
Meliadine Gold Project Type A Water Licence Application

3.0 General Water Licence Application

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
	a	Sub-surface leases from Nunavut Tunngavik Incorporated (NTI) and/or Indian and Northern Affairs Canada (INAC) as well as surface authorizations from INAC for crown land use, a Designated Inuit Organization (DIO) for Inuit Owned Land (IOL) use, or the Government of Nunavut for Commissioner's land use. Provide the permit or licence	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.2.4.2 Figure 2.1 Appendix B	n/a	
	b	The date or expected date of issuance of any authorization and the date of expiry.	Y	n/a	Cover Letter, April 2015	150513 2AM-MEL----CoverLtrApplicationForm	Attachment A, s.6	n/a	
					Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.2.4.1, s.2.4.4		
	9	Indicate whether the applicant is the name of the entity holding the authorization for the interest in the land and if not, provide the name of the entity holding the authorization.	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.2.1 , s.2.4.2	n/a	
					Cover Letter, April 2015	150513 2AM-MEL----CoverLtrApplicationForm	Attachment A, s.7	n/a	
NPC Determination	**10**	Provide written confirmation from the NPC confirming that NPC's requirements under the NLCA regarding land use plan conformity (Article 11 of the NLCA) have been addressed.	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.2.4.1	n/a	
					Cover Letter, April 2015	150513 2AM-MEL----CoverLtrApplicationForm	Attachment A, s.7	n/a	
NIRB Determination	**11**	Provide written confirmation from the NIRB confirming that NIRB's requirements under the NLCA regarding development impact assessment (Article 12 of the NLCA) have been or are in the process of being addressed. Documentation may include:	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.2.4.1	n/a	
					Cover Letter, April 2015	150513 2AM-MEL----CoverLtrApplicationForm	Attachment A, s.8	n/a	
	a	Written confirmation from NIRB that the project proposal does not require screening;	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.2.4.1	n/a	
	b	NIRB's screening determination;	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.2.4.1.	n/a	
	c	If a review is required, NIRB's recommendation to the Minister regarding the type of review;	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.2.4.1	n/a	
	d	If a review is required, the Minister's written decision regarding the review of the development proposal;	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.2.4.1	n/a	
	e	If a review is required, NIRB's project certificate;	Y	n/a	n/a	n/a	n/a	Project Certificate provided to the Nunavut Water Board by the Nunavut Impact Review Board (NIRB)	
	12	List of activities requested for exception in accordance with NLCA s. 12.10.2;	NA	Project Certificate was issued by NIRB prior to the application.	n/a	n/a	n/a	n/a	
	13	Indicate whether any Type B water licence application is for an activity to be considered for interim, short term approval in accordance with NLCA s. 13.5.5.	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.2.5.5		

Concordance Assessment
Meliadine Gold Project Type A Water Licence Application

3.0 General Water Licence Application

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
Description of Undertaking	**14**	See section 4 of this SIG for specific requirements.	Y See Section 4.0 of this document	n/a	Cover Letter, April 2015	150513 2AM-MEL----Cover LtrApplicationForm	Attachment A, s.9	n/a	
					Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	full document	n/a	
					Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	full document	n/a	
Other Applicable Supplemental Information Guidelines	**15**	Indicate whether any other Supplemental Information Guidelines apply to the undertaking including the following:	Y	n/a	NWB, Mining and Milling Supplemental Information Guideline (SIG) for Mine Development (MM3), February 2010	100210-draft-NWB-MM3-Mine-Development-SIG-kt.xls	full document	n/a	
					Cover Letter, April 2015	150513 2AM-MEL----Cover LtrApplicationForm	Attachment A, s.11	n/a	
	a	Hydrostatic testing	n/a	This activity is currently not planned	n/a	n/a	n/a	if/when hydrostatic testing is decided upon as the method for integrity testing, this information will be provided to the Board	
	b	Tannery	n/a	This activity is currently not planned					
	c	Tourist / remote camp	n/a	This activity is currently not planned					
	d	Landfarm and on-site storage of hydrocarbon contaminated soil	n/a	This activity is currently not planned					
	e	Onshore oil and gas exploration drilling	n/a	This activity is currently not planned					
	f	Mineral exploration/ remote camp	n/a	This activity is currently not planned					
	g	Advanced exploration	n/a	This activity is currently not planned					
	h	Mine development	Y	This activity is currently not planned					
	i	Municipal	n/a	This activity is currently not planned					
	j	General Water Works	n/a	M1 Water Works SIG information requirements incorporated into MM3 SIG	n/a	n/a	n/a	n/a	
	j	Power	n/a	This activity is currently not planned	n/a	n/a	n/a	n/a	

Concordance Assessment
Meliadine Gold Project Type A Water Licence Application

3.0 General Water Licence Application

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
Options (Alternatives)	**16**	Provide a brief explanation of the alternative methods or locations that were considered to carry out the project.	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.2.3	n/a	
					Cover Letter, April 2015	150513 2AM-MEL----CoverLtrApplicationForm	Attachment A, s.10	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	Appendix F	n/a	
					Ore Storage Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----OreMgmtPlanCPLT-IMLE	s.3.3 (including Fig. 3-1) ,	n/a	
					Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s2.7	n/a	
Water Use	**17**	See section 6 of this SIG for specific requirements	See Section 6.0 of this document	n/a	Cover Letter, April 2015	150513 2AM-MEL----CoverLtrApplicationForm	Attachment A, s.12	n/a	
Water Use: Quality and Quantity	**18**	See section 6 of this SIG for specific requirements	See Section 6.0 of this document	n/a	Cover Letter, April 2015	150513 2AM-MEL----CoverLtrApplicationForm	Attachment A, s.13	n/a	
Waste Disposal	**19**	See section 7 of this SIG for specific requirements	See Section 7.0 of this document	n/a	Cover Letter, April 2015	150513 2AM-MEL----CoverLtrApplicationForm	Attachment A, s.14	n/a	
Waste Disposal: Quality and Quantity	**20**	See section 7 of this SIG for specific requirements	See Section 7.0 of this document	n/a	Cover Letter, April 2015	150513 2AM-MEL----CoverLtrApplicationForm	Attachment A, s.15	n/a	
Other Authorizations	**21**	Provide a list of any authorizations required in relation to the project in addition to the water licence. For each additional authorization required for the project, provide the name of the authorization, the administering agency, the project activity requiring the authorization, the date or expected date	Y	n/a	Cover Letter, April 2015	150513 2AM-MEL----CoverLtrApplicationForm	Attachment A, s.16	n/a	
					Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.2.5	n/a	
	22	Indicate whether an authorization has been obtained or sought from the Department of Fisheries and Oceans for dewatering or using any waterbodies for containment of waste	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.2.5.2	n/a	
	23	Provide formal applications to the Navigable Waters Protection Program (NWPP) for any works.	N	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.2.5.4	n/a	
	24	Provide a timetable for filing the appropriate plans and procedures required by government parties.	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.2	n/a	
	25	Indicate whether the applicant/ licensee holds any existing water licenses. If applicable, provide the licence number and expiry date of any existing water licenses.	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.2.4	n/a	
Predicted Environmental Effect and Proposed mitigation measures	**26**	Identify the potential effect of water use and waste disposal on the following components:	Y	n/a	Cover Letter, April 2015	150513 2AM-MEL----CoverLtrApplicationForm	Attachment A, Full Document, s. 9 contains reference list	n/a	
					Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.5	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.6	n/a	

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	a	Groundwater and Surface Water including:	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.5.7	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.6.7 to 6.9	n/a	
					Final Environmental Impact Statement, Volume 7, April 2014	Volume 7 Freshwater Environment	s.7.2.3, s.7.3.3, 7.4.5, 7.4.6	n/a	
		changes in flow (including seasonal rate of flow)	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	5.8 and 5.10	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.6.8		
		quantity	Y	n/a	Type A Water Licence Main Application Document; April	150513 2AM-MEL----MainApplicationDocument-	s. 5.7, s.5.8	n/a	
		construction	Y	n/a	Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.6.8		
		quality	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.5.9. s. 6.10.1	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.6.9	n/a	
	b	Land including:	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.5	n/a	
					Final Environmental Impact Statement, Volume 6, April 2014	Volume 6 Terrestrial Environment	s. 6.3.9, s.6.4.2, s.6.4.3	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.6.3 and 6.4	n/a	
		geologic structure change	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.5.3	n/a	
		soil contamination	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.5.4	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.6.4	n/a	
		compaction, settling and erosion	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 5.4	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.6.4	n/a	
		alteration of the permafrost regime			Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s 5.3	n/a	

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			Y	n/a	Ore Storage Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----OreMgmtPlanCPLT-IMLE	s.5.3	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.6.3	n/a	
		riparian zone loss	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.5.4, s.5.8	In the Final Environmental Impacts Statement, the riparian zone was assessed as part of changes to vegetation. Channel/bank stability was assessed as part of hydrology	
	c	Vegetation including:	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.5	n/a	
					Final Environmental Impact Statement, Volume 6, April 2014	Volume 6 Terrestrial Environment	s. 6.5.6, to 6.5.8	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.6.5	n/a	
		species composition and abundance	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s 5.4	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.6.5	n/a	
		non-native species introduction	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 5.4	n/a	
		accumulation of toxins and heavy metals (in relation to remediation objectives for closure)	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 5.4	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.6.5	n/a	
	d	Aquatic Ecosystems including:	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 5	n/a	
					Final Environmental Impact Statement Volume 7, April 2014	Volume 7 Freshwater Environment	s. 7.5.6	n/a	
		fish	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 2.5.2, s. 5.10	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.6.10	n/a	
					Aquatic Effects Monitoring Program (AEMP) Design Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----AEMP-IMLE	s.5.4 and s.7.3.4	n/a	

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		benthic invertebrates	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s 5.10	n/a	
					Aquatic Effects Monitoring Program (AEMP) Design Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----AEMP-IMLE	s.5.2 and s.7.3.1	n/a	
		plankton	Y	n/a	Type A Water Licence Main Application Document; April 2015	150331 2AM-MEL----Main Application Document	s 5. 10	n/a	
					Aquatic Effects Monitoring Program (AEMP) Design Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----AEMP-IMLE	s.7.1 and s.7.3.3	n/a	
	27	Identify effects separately for each project phase.	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 5	n/a	
	28	Provide a description of the methods used to predict effects.	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s 5	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.5 and s.6	n/a	
					Aquatic Effects Monitoring Program (AEMP) Design Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----AEMP-IMLE	s.4 to 8	n/a	
	29	Provide a cumulative effects assessment of the project's water use and waste disposal activities in relation to other activities in the same drainage basin.	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 5	n/a	
					Final Environmental Impact Statement Volume 7, April 2014	Volume 7 Freshwater Environment	s. 7.5.6	n/a	
	30	Identify effects arising from accidental events or malfunctions.	Y	n/a	Risk Management and Emergency Response Plan, April 2015	150513 2AM-MEL----RiskMgmtEmergRespPlan - IMLE	s.2, s.3., s.4.6	n/a	
	31	Provide a description of all proposed mitigation, management and monitoring programs to mitigate adverse impacts.	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.6, s.7	n/a	
					Ore Storage Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----OreMgmtPlan	s.6 and s.9	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL----MineWasteMgmtPlanCPLT-IMLE	s.5, s.6, s.7, s.8 and s.10	n/a	
					Incineration Management Plan, April 2015	150513 2AM-MEL----IncinerationMgmtPlan - IMLE	s.5,s.6,s.7, s.8	n/a	
					Aquatic Effects Monitoring Program (AEMP) Design Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----AEMP-IMLE	s.8	n/a	

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	32	Provide a description of the measures to be taken to mitigate impacts on historical resources or traditional uses of water and procedures to be followed should artifacts be discovered.	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 1.5.1	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.6.11 and s.6.13	n/a	
					Aquatic Effects Monitoring Program (AEMP) Design Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----AEMP-IMLE	s.8	n/a	
	33	If applicable, provide a description of any potential transboundary effects.	NA	Project entirely within Keewatin Land Use Planning Region	n/a	n/a	n/a	n/a	
	34	See sections 5, 6, 7, and 8 of this SIG for additional information requirements	(see sections)	(see sections)	(see sections)	(see sections)	(see sections)	(see sections)	
Existing and Other User Water Rights	**35**	Provide the names, addresses, and nature of use for any known persons or properties that may be adversely affected by the proposed undertaking, including those that that hold licenses for water use in precedent to the application, domestic users, in-stream users, authorized waste depositors, owners of property, occupiers of property, and/or holders of outfitting concessions, registered trapline holders, and holders of other rights of a similar nature.	Y	n/a	Cover Letter, April 2015	150513 2AM-MEL----Cover LtrApplicationForm	Attachment A, s.18	n/a	
					Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.2.4.4	n/a	
	36	Provide a description of any potential effects of the project on the persons or properties identified in item 35 of this section.	N	No existing or other Users identified or have come forward	n/a	n/a	n/a	n/a	
	37	Provide a description of the measures incorporated into the project design to mitigate effects of the project on the persons or properties identified in item 35 of this section.	N	No existing or other Users identified or have come forward	n/a	n/a	n/a	n/a	
	38	Indicate whether compensation has been paid and/or agreement(s) for compensation have been reached with any existing or other users.	N	No existing or other Users identified or have come forward	n/a	n/a	n/a	n/a	
Inuit Water Rights	**39**	Provide a description of any potential effects of the project on the quality, quantity, or flow of waters flowing through Inuit Owned Land (IOL).	Y	n/a	Cover Letter, April 2015	150513 2AM-MEL----Cover LtrApplicationForm	Attachment A, s.19	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.6.7 to 6.9		
	40	Provide a description of the measures incorporated into the project design to mitigate effects of the project on the quality, quantity, or flow of waters flowing through IOL.	Y	See items 26-33; the proposed mine entirely on Inuit Owned Lands	Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.6.7 to 6.9		
	41	Indicate wheter an agreement to pay compensation for any loss or damage has been reached with one or more Designated Inuit Organization (DIO); or if the parties have been unable to reach an agreement on compensation	Y	n/a	n/a	n/a	n/a	Water Compensation agreement to be finalized prior to the hearing	

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Consultation	**42**	Provide a summary of any consultation meetings including when the meetings were held, where and with whom.	Y	n/a	Cover Letter, April 2015	150513 2AM-MEL----Cover LtrApplicationForm	Attachment A, s.20	n/a	
					Public Engagement and Consultation Baseline Report, April 2015	150513 2AM-MEL----PublicConsultationPlan - IMLE	s.6. s.7,all appendices	n/a	
	43	Provide a summary of the results of consultation meetings including a list of concerns expressed and measures proposed to address concerns.	Y	n/a	Public Engagement and Consultation Baseline Report, April 2015	150513 2AM-MEL----PublicConsultationPlan - IMLE	s.6. s.7,all appendices	n/a	
Security	**44**	Provide a financial security assessment that is prepared in a manner consistent with principals respecting mine site reclamation and implementation found in the *Mine Site Reclamation Policy for Nunavut*, Indian and Northern Affairs Canada, 2002. The financial security assessment must include:	Y	n/a	Cover Letter, April 2015	150513 2AM-MEL----Cover LtrApplicationForm	Attachment E	RECLAIM Model provided to the NWB as part of the application.	
	a	An estimate of the total financial security for final reclamation equal to the total outstanding reclamation liability for land and water combined sufficient to cover the highest liability over the life of the undertaking;	Y	n/a	Cover Letter, April 2015	150513 2AM-MEL----Cover LtrApplicationForm	Attachment E	RECLAIM Model provided to the NWB as part of the application.	
	b	The cost of having the necessary reclamation work done by a third-party contractor if the operator defaults;	Y	n/a	Cover Letter, April 2015	150513 2AM-MEL----Cover LtrApplicationForm	Attachment E	RECLAIM Model provided to the NWB as part of the application.	
	c	Contingency factors appropriate to the particular work to be undertaken.	Y	n/a	Cover Letter, April 2015	150513 2AM-MEL----Cover LtrApplicationForm	Attachment E	RECLAIM Model provided to the NWB as part of the application.	
Abandonment and Restoration	**45**	Provide plans for the abandonment and restoration of the project. Plans must address all phases of the project including construction, operation, care & maintenance, final closure and post closure. Detail the costs to carry out the plan, and a proposal for financial assistance which covers the costs to carry out the plan.	Y	n/a	Preliminary Closure and Reclamation Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----PrelimClosurePlan-IMLE	s.5, s.6, s.7, s.8, s.9	n/a	
	46	Provide a description of all remediation plans and remediation objectives. Discuss the results of any human health and ecological risk assessment used to establish remediation objectives.	Y	n/a	Preliminary Closure and Reclamation Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----PrelimClosurePlan-IMLE	s.5.2.2.3	n/a	
	47	Provide a list and description of any existing abandoned or restored site facilities.	Y	n/a	Preliminary Closure and Reclamation Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----PrelimClosurePlan-IMLE	s. 4.4	n/a	
					Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 4.2.1		
	48	Provide details regarding the timing of the removal of any dewatering dikes (if applicable) and the implications of this action on water quality.	Y	n/a	Preliminary Closure and Reclamation Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----PrelimClosurePlan-IMLE	s.4.4, s.5.2.2.5, s.5.2.9.3 (Table 21), 5.2.9.5, s.8 (Table 23)	n/a	
	49	Provide detailed information regarding the method used to remove/breach any dewatering dykes (if applicable), including details of any mitigation measures for any adverse impacts.	Y	n/a	Preliminary Closure and Reclamation Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----PrelimClosurePlan-IMLE	s.4.4, s.5.2.9.5	n/a	
Financial Information	**50**	Provide a statement of financial responsibility.	Y	n/a	Cover Letter, April 2015	150513 2AM-MEL----Cover LtrApplicationForm	Attachment A, s.22	n/a	
					Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.1.3	n/a	
	51	If the applicant is an entity for which audited financial statements are issued, a copy of the most recent audited financial statements must be attached to the statement of financial responsibility.	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	Appendix C. Document 1.5	n/a	

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	52	Provide the name of the corporation, limited company or other business entity, with a list of the officers of the company and a copy of the Certificate of Incorporation or evidence of registration of the company name.	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	Appendix C. Document 1.2	n/a	
Studies and Designs	**53**	Provide a list of studies, reports and plans relevant to the application that have been undertaken to date including:	Y	n/a	Cover Letter, April 2015	150513 2AM-MEL----Cover LtrApplicationForm	Attachment A, S. 23	A list of all plans submitted with the application is provided In Tab 9.0. Studies used to support the design of these reports and plans are listed in the full reference lists attached to each plan.	
					Cover Letter, April 2015	150513 2AM-MEL----Cover LtrApplicationForm	Attachment D	n/a	
	a	Design rational, design requirements, design criteria, design parameters, design standards/analysis/method;	Y	n/a	Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s.2.2.(open pit mining) s.2.2.3 (pit geotechnical parameters) s.2.3.1 (underground mining) s.2.3.2 (operations) s.2.3.3 s.2.5 s.2.6.2 (waste rock and overburden design criteria s.2.7 (tailings design criteria)	n/a	
					Ore Storage Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----OreMgmtPlanCPLT-IMLE	s.5.3	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL----MineWasteMgmtPlanCPLT-IMLE	s.5.2 s.5.5. s.6.1 (rational of dry stack tailings) s.6.2, s.6.3, s.6.5, s.6.6, s.6.7. (tailings)	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.5 (Water Management Infrastructure) Appendix B Appendix D Appendix E	n/a	
					Explosives Management Plan, April 2015	150513 2AM-MEL----ExplosivesMgmtPlan-IMLE	s.2.5	n/a	
					Incineration Management Plan, April 2015	150513 2AM-MEL----IncinerationMgmtPlan -IMLE	s.5.1. Design Criteria will be based on the emission regulations (Table 5.1) s.6.1 s.7.5 Appendix A. Technical specifications for the incinerator	n/a	
					Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.2. (Design specifications in s.2.3.2)	n/a	

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					Roads Management Plan, April 2015	150513 2AM-MEL----RoadMgmtPlan-IMLE	1.2.3 Bypass road) 1.2.5 (haul roads)	n/a	
					Landfill and Waste Management Plan, April 2015	150513 2AM-MEL----LandfillWasteMgmtPlan-IMLE	s.1.3	n/a	
	b	Design assumptions and the limitations associated with such design assumptions;	Y	n/a	Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s.2.2.(open pit mining) s.2.2.3 (pit geotechnical parameters) s.2.6.2	Final for construction design drawings will be provided to NWB 60 days prior to construction	
					Ore Storage Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----OreMgmtPlanCPLT-IMLE	s.5.3	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL----MineWasteMgmtPlanCPLT-IMLE	s.5.5. s.6.2 s.6.7	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.5 (Water Management Infrastructure) Appendix B Appendix D Appendix E	n/a	
					Incineration Management Plan, April 2015	150513 2AM-MEL----IncinerationMgmtPlan -IMLE	s.5.1. Design Criteria will be based on the emission regulations (Table 5.1) s.6.1 s.7.5 Appendix A. Technical specifications for the incinerator	n/a	
					Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.2	n/a	
					Roads Management Plan, April 2015	150513 2AM-MEL----RoadMgmtPlan-IMLE	1.2.3 Bypass road) 1.2.5 (haul roads)	n/a	
					Landfill and Waste Management Plan, April 2015	150513 2AM-MEL----LandfillWasteMgmtPlan-IMLE	s.1.3	n/a	
	c	The inclusion of clear, definable engineering qualifiers with all design drawings and reports;	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	Appendix D	n/a	
	d	Site specific data and analysis to support the design and management decisions made;	Y	n/a	Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s.2.2.(open pit mining) s.2.2.3 (pit geotechnical parameters) s.2.3.1 (underground mining) s.2.3.2 (operations) s.2.3.3 s.2.5 s.2.7	n/a	
					Ore Storage Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----OreMgmtPlanCPLT-IMLE	s.5.3	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL----MineWasteMgmtPlanCPLT-IMLE	s.5.2, s.6.2, s.6.3, s.6.6, s.6.7	n/a	

3.0 General Water Licence Application

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.5 (Water Management Infrastructure) Appendix B Appendix D Appendix E Appendix G Appendix H	n/a	
					Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.2	n/a	
					Landfill and Waste Management Plan, April 2015	150513 2AM-MEL----LandfillWasteMgmtPlan-IMLE	s.1.3	n/a	
	e	Materials that appropriately delineate the particulars of a design or plan.	Y	n/a	Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s.2.2.(open pit mining) s.2.2.3 (pit geotechnical parameters) s.2.3.1 (underground mining) s.2.3.2 (operations) s.2.3.3 s.2.5 s.2.6.2	n/a	
					Ore Storage Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----OreMgmtPlanCPLT-IMLE	s.5.3	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL----MineWasteMgmtPlanCPLT-IMLE	s.5.2 s.6.2, s.6.3, s.6.5, s.6.6., s.6.7 (tailings)	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.5 (Water Management Infrastructure)	n/a	
					Incineration Management Plan, April 2015	150513 2AM-MEL----IncinerationMgmtPlan -IMLE	s.5.1. Design Criteria will be based on the emission regulations (Table 5.1) s.6.1 s.7.5 Appendix A. Technical specifications	n/a	
					Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.2	n/a	
					Roads Management Plan, April 2015	150513 2AM-MEL----RoadMgmtPlan-IMLE	1.2.3 Bypass road) 1.2.5 (haul roads)	n/a	
					Landfill and Waste Management Plan, April 2015	150513 2AM-MEL----LandfillWasteMgmtPlan-IMLE	s.1.3	n/a	
	54	Provide construction methods and procedures regarding how infrastructure will be put in place on-site.			Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s.2.2.1 to s.2.2.3 (open pit mining) s.2.3.1 to s.2.3.3 (underground mining) s.2.6.2 to s.2.6.3 (waste rock storage)	Final construction methods and procedures will be provided to the NWB 60 days prior to construction	

3.0 General Water Licence Application

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
			Y	n/a	Ore Storage Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----OreMgmtPlanCPLT-IMLE	s.5.3 to s.5.4 Figures 5.2 to 5.14 in Appendix A	Final construction methods and procedures will be provided to the NWB 60 days prior to construction	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL----MineWasteMgmtPlanCPLT-IMLE	s.1.4 (Table 1.1 - Key Mine Development and Water Management Activities and Sequence) s.5.2 s.6.2 s.6.4 to s.6.6	Final construction methods and procedures will be provided to the NWB 60 days prior to construction	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.3.2 (Table 3.1 Mine Development Sequence and Key Activities) s.4.4. Water Management Plan during Construction and operation s.5	Final construction methods and procedures will be provided to the NWB 60 days prior to construction	
	55	Provide a timetable for submission of preliminary and final-for-construction engineered designs (note: for construction designs are required for NWB approvals).	Y	Final for construction design drawings pending	n/a	n/a	n/a	Final for construction design drawings will be provided to NWB 60 days prior to construction	
	56	See sections 5, 6 and 7 of this SIG for additional information requirements	(see sections)	(see sections)	(see sections)	(see sections)	(see sections)	(see sections)	
Proposed Time Schedule	**57**	Provide the proposed start and completion dates for each phase of development (construction, operation, closure and post closure) and any anticipated periods of seasonal shut down.	Y	n/a	Cover Letter, April 2015	150513 2AM-MEL----CoverLtrApplicationForm	Attachment A, s.24	n/a	
					Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.4.1 and Appendix B-Table 4.1	n/a	
Proposed Term of Licence	**58**	Provide a proposed term of licence including the expected date of licence issuance and the expected date of licence expiry.	Y	n/a	Cover Letter, April 2015	150513 2AM-MEL----CoverLtrApplicationForm	Attachment A, s.25	n/a	
					Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.7.0	n/a	
Annual Reporting	**59**	Provide detailed information regarding the content of annual reports and a proposed outline or template of the annual report. The annual report should include the following:	Y	n/a	Cover Letter, April 2015	150513 2AM-MEL----CoverLtrApplicationForm	Attachment A, s.26	To be provided at the Pre-hearing Conference/ Technical Meeting	
	a	Water related monitoring results;	Y	n/a	Cover Letter, April 2015	150331 2AM-MEL----CoverLtrApplicationForm	Attachment A, s.26	To be provided at the Pre-hearing Conference/ Technical Meeting	
	b	Comparison of water quality and quantity monitoring data with the water quality and quantity predictions presented in the application;							
	c	A description of how the conditions in the NIRB project certificate related to the NWB mandate have been implemented;							
	d	Project changes under adaptive management;							
	e	Any actions taken in response to direction provided by the Inspector.							
Renewals and Amendments	**60**	If the application is for a renewal or amendment of an existing licence provide the water licence number and the date of water licence expiry.	n/a	New Application for Mine Development	n/a	n/a	n/a	n/a	

3.0 General Water Licence Application

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
	61	If the application is for a renewal or amendment of an existing licence, provide a compliance assessment/status report. This report must document the status of compliance for each condition of the existing water licence taking into consideration inspector dialogues and inspector directions, responses to inspector dialogues and inspector directions, spills that may have occurred, and any reporting requirements. The report must indicate when facilities were inspected by regulatory agencies and list any spills that may have occurred including a description, location shown on a	n/a	New Application for Mine Development	n/a	n/a	n/a	n/a	

Concordance Assessment
Meliadine Gold Project Type A Water Licence Application

4.0 Project Description

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
Description of Undertaking	**1**	Provide a complete description of the undertaking with detailed site plan(s) of all project infrastructure for the Local Project Area (LPA) and/or the Regional Project Area (RPA), where applicable. Include maps and/or aerial photos with scales that allow the determination of distances between the objects depicted. Differentiate any temporary components from permanent components. Consider the following in providing the description:	Y	n/a	Type A Water Licence Main Application Document; April 2015 (Note: All reports authored by Agnico Eagle Mines Limited unless otherwise stated)	150513 2AM-MEL----MainApplicationDocument-IMLE	s.4. Appendix A	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s3	n/a	
					Ore Storage Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----OreMgmtPlanCPLT-IMLE	s.3, s.5 (Fig.1.2 and Fig.5.2 to Fig.5-14)	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL----MineWasteMgmtPlanCPLT-IMLE	s.1, Fig.1.1 and Fig.1.2	n/a	
					Landfill and Waste Management Plan, April 2015	150513 2AM-MEL----LandfillWasteMgmtPlan-IMLE	s.1.2, s. 1.3, Fig. 1-1 and Fig. 1-2	n/a	
					Incineration Management Plan, April 2015	150513 2AM-MEL----IncinerationMgmtPlan - IMLE	s.2,	n/a	
					Borrow Pits and Quarries Management Plan, April 2015	150513 2AM-MEL----BorrowQuarriesMgmtPlan-IMLE	s. 1.2	n/a	
					Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s. 2.2	n/a	
	a	Raw water intake;	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 4.2.4, s.6.5	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.4.5.1	n/a	
	b	Water storage and treatment facilities including distribution systems;	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.4.2.5, s.6.3.1, 6.7,	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.5	n/a	
	c	Existing water bodies/courses and any changes to these water bodies/courses that may have or may occur as a result of water use or waste disposal facilities. Provide an outline of the drainage basin and drainage patterns within the RPA;	Y	n/a	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.4.3. Figure 4.1	n/a	
	d	Location of receiving water bodies and drainage pathways;	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 6.3 Appendix A. Figure 1.2a	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	Figure 3.1 - 3.13	n/a	
					Ore Storage Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----OreMgmtPlanCPLT-IMLE	Fig.5.2 to 5.14	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL----MineWasteMgmtPlanCPLT-IMLE	Figures 5.1 to 5.15	n/a	

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Meliadine Gold Project Type A Water Licence Application

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
					Aquatic Effects Monitoring Program (AEMP) Design Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----AEMP-IMLE	s.4.3, s.4.4, s.5, and s.6	n/a	
	e	Transportation access routes and details of water course crossings;	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 2.5.4	n/a	
					Roads Management Plan, April 2015	150513 2AM-MEL----RoadMgmtPlan-IMLE	s.1.1, s.1.2,s.6,s.7, s.10	n/a	
	f	Locations of environmental monitoring sites;	Y	n/a	Type A Water Licence Main Application Document; April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 7.12.1, Appendix A, Figure 7.1	n/a	
					Environmental Management Protection Plan, April 2015	150513 2AM-MEL----EnviroMgmtProtectPlan-IMLE	s.4.2 (Tables 4-1 and 4-3 and Figure 4-2)	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.9, Figure 9.1	n/a	
					Ore Storage Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----OreMgmtPlan	s.9	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL----MineWasteMgmtPlanCPLT-IMLE	s.10	n/a	
					Incineration Management Plan, April 2015	150513 2AM-MEL----IncinerationMgmtPlan - IMLE	s.8	n/a	
					Aquatic Effects Monitoring Program (AEMP) Design Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----AEMP-IMLE	s.4.3, s.4.4, s.5, s.6 and s.7	n/a	
	g	Traditional water use and land use areas that may be impacted by the project;	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.1.5.1 s.2.4.4	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.6.11	n/a	
					Aquatic Effects Monitoring Program (AEMP) Design Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----AEMP-IMLE	s.4.5	n/a	
	h	Sewage treatment facilities;	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.4.2.7.4, s.6.6	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.4.5.2	n/a	
	i	Wastewater treatment area and discharge outlet locations;	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 4.2.5.5, s. 4.2.7.7, s 6.3.8	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	Figure 9.1 and 92; Appendix E, Figure 1	n/a	

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Meliadine Gold Project Type A Water Licence Application

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	j	Solid waste disposal areas and drainage patterns;	Y	n/a	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.4.4.9; Figure 3.1 to 3.13; Fig.4.1	n/a	
					Landfill and Waste Management Plan, April 2015	150513 2AM-MEL----LandfillWasteMgmtPlan-IMLE	s.1.2, s.1.3, Fig. 1-1, s.5.3	n/a	
	k	Incinerators	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.4.2.7.2 s.7.6	n/a	
					Incineration Management Plan, April 2015	150513 2AM-MEL----IncinerationMgmtPlan - IMLE	Full Document	n/a	
	l	Landfarm (see the NWB's SIG for Landfarm and on-site storage of hydrocarbon contaminated soil (I3));	Y	n/a	see Tab 5.0 and Tab 5.0A	150513 2AM-MEL----MainApplicationDocument-IMLE	s.4.2.7.3 s.7.7	n/a	
	m	Waste rock piles (PAG and non-PAG);	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 4.2.7, s. 7.3	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL----MineWasteMgmtPlan-IMLE	s.4.1, Figure 5.3 to 5.13	n/a	
	n	Stockpiles;	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 3.3.1, s. 4.2.7.5, s. 6.3.6	n/a	
					Ore Storage Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----OreMgmtPlanCPLT-IMLE	s.3.2, s.3.3, s.5 (including Fig. 1.2 and Fig.5-2 to 5.14)	n/a	
	o	Mill or processing plant;	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 4.2.3, s. 6.4, Figure 1.2a	n/a	
					Mine Plan, April 2015	150513 2AM-MEL----Mine Plan-IMLE	s.2.5., Figure 2.28	n/a	
	p	Tailings containment areas;	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 3.3.1, s. 4.2.7.6, s. 6.3.4, Figure 1.2a	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL----MineWasteMgmtPlan-IMLE	s.4.1, Figure 5.3 to 5.13	n/a	
	q	Laydown areas;	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 4.2.2, s. , Appendix A, Figure 1.2	n/a	
	r	Quarries;	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 4.2.8.3, s 7. 10	n/a	
					Borrow Pits and Quarries Management Plan, April 2015	150513 2AM-MEL----BorrowQuarriesMgmtPlan-IMLE	s.1.2 and s.1.3	n/a	
	s	Hazardous waste disposal area;	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 7.8	n/a	
					Hazardous Material Management Plan, April 2015	150513 2AM-MEL----HazardousMtlMgmtPlan-IMLE	s.3.4, s.3.5, s.5.4, s.5.5	n/a	
	t	Waste discharge distribution lines;	Y	n/a	Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL----MineWasteMgmtPlanCPLT-IMLE	s.7., Figure 5.3 to 5.13	n/a	

4.0 Project Description

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	u	Fuel and chemical storage;	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s. 4.2.6, s. 4.2.8.6, s. 7.8.1	n/a	
					Hazardous Material Management Plan, April 2015	150513 2AM-MEL---- HazardousMtlMgmtPlan-IMLE	s.2.1, Figure 2.1 to 2.5 s.3.3, s.3.5, s. 4.4, s.5.2 s.5.3.1, s.5.4, s.5.5, s.6, s.7.2	n/a	
					Explosives Management Plan, April 2015	150513 2AM-MEL---- ExplosivesMgmtPlan-IMLE	s.2.2, 2.5, 3.2, s.4.1	n/a	
	v	Explosives manufacturing and storage;	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s.4.2.8.1, s 7.8.2	n/a	
					Explosives Management Plan, April 2015	150513 2AM-MEL---- ExplosivesMgmtPlan-IMLE	s.2, s.3.2, s.4.1	n/a	
	w	Abandoned and/or restored facilities;	Y	n/a	Preliminary Closure and Reclamation Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL---- PrelimClosurePlan-IMLE	s. 4.4	n/a	
	x	Existing on site infrastructure;	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s.4.2.1, Appendix B, Figure 1.2	n/a	
	y	Others:	n/a	no others identified				n/a	
Mine Plan	**2**	Provide a Mine Plan Overview including:	Y	n/a	Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	Full Document	n/a	
					Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	Full Document, s. 9 contains reference list	n/a	
	a	Description of the location, physical nature, geology and minerology of the ore deposit and host rock. (See section 5 items 19-23)	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s.3.2.5, s. 3.3.1, Appendix C, Doc. 4.1	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL---- MineWasteMgmtPlan-IMLE	s.4	n/a	
	b	Mine development plan and methods	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s.4. s.4.1	n/a	
					Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s.2.1. to s.2.3	n/a	
					Ore Storage Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- OreMgmtPlanCPLT-IMLE	s.3	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL---- MineWasteMgmtPlanCPLT-IMLE	s.3.1	n/a	
	c	Exploration operations	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s.2.1 , Appendix C, Document 2.1	n/a	

4.0 Project Description

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	d	Description of earthworks for mine development	Y	n/a	Ore Storage Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----OreMgmtPlanCPLT-IMLE	s.3, s.5	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL----MineWasteMgmtPlanCPLT-IMLE	s.3	n/a	
					Landfill and Waste Management Plan, April 2015	150513 2AM-MEL----LandfillWasteMgmtPlan-IMLE	s.1.3 and s.5.1	n/a	
	e	Milling or processing plant operations including:	Y	n/a	Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s 2.5	n/a	
		A copy of the mill or processing plant flow sheet. Indicate the points of addition of the various reagents (chemicals) that will be used.	Y	n/a	Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s.2.5.2., Figure 2-29 to 2-30	n/a	
		The capacity of the mill	Y	n/a	Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s. 2.5.2.	n/a	
		If applicable, indicate whether the (proposed) milling circuit is in whole or in part based on autogenous grinding.	Y	n/a	Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s. 2.5.1	n/a	
		Predicted rate of production.	Y	n/a	Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s. 2.5.2.	n/a	
					Ore Storage Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----OreMgmtPlanCPLT-IMLE	s.3.2	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL----MineWasteMgmtPlanCPLT-IMLE	s.3.2 (Table 3.1)	n/a	
	f	Expected life of the mine.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.4	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.3.1	n/a	
					Preliminary Closure and Reclamation Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----PrelimClosurePlan-IMLE	s.2.1	n/a	
	g	Camp and mine site population projections for each phase of the project.	Y	n/a	Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.6.12	n/a	

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Environmental Setting	**1**	Provide a description of the regional and local setting using maps and/or aerial photos with scales that allow the determination of distances between the objects depicted.	Y	n/a	Type A Water Licence Main Application Document, April 2015 (Note: All reports authored by Agnico Eagle Mines Limited unless otherwise stated)	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 3, Appendix A. Figures 1.1, 1.2, 1.3,	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	Fig.1.1 and Fig.1.2	n/a	
	2	Provide a brief history of the property development which took place before the present company gained control of the site. Include shafts, adits, mills, waste dumps, chemical storage areas, tailings disposal areas, and effluent discharge locations. Make references to a detailed map.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.2.1, Appendix A, Figure 1.2a, Appendix C – Document 2.1	n/a	
					Final Environmental Impact Statement, Volume 2, April 2014	Volume 2 Meliadine FEIS Project Description	s1.6.4	n/a	
	3	Provide a description of the site conditions, including:	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.3	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.2.1	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.4.2 and s.4.3	n/a	
	a	location	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.1, Figures 1.1, 1.2 and 1.3	n/a	
	b	topography	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 3.2.2	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.2.1	n/a	
	c	geologic conditions	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.3.2.5	n/a	
					Final Environmental Impact Statement, Volume 6, April 2014	Volume 6 Terrestrial Environment	s.6.2.2.2	n/a	

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	d	hydrologic characteristics	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.3.2.3, s. 3.2.8	n/a	
					Final Environmental Impact Statement, Volume 7, April 2014	Volume 7 Freshwater Environment	s.7.1.2 s.7.3	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.2.6	n/a	
	e	climate conditions and predicted future climate trends	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.3.2.1	n/a	
					Final Environmental Impact Statement, Volumes 5, 6, 7, April 2014	Volume 5 Atmospheric Environment Volume 6 Terrestrial Environment Volume 7 Freshwater Environment	Volume 7: s.7.2.3.6 s.7.3.5.1, s.7.4.10.1 Volume 6: s.6.3.4.4, Volume 5: 5.4	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.2.2, s. 2.5	n/a	
	f	seismicity	Y	n/a	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.2.7	n/a	
	g	permafrost conditions	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.3.2.2	n/a	
					Final Environmental Impact Statement, SD 6-1, April 2014	SD 6-1 Permafrost Baseline Studies	All document	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.2.3	n/a	
	4	Provide a description of the regional and local surface water regime and drainage area and outline the drainage basin on an attached map.	Y	n/a	Final Environmental Impact Statement, Volume 7, April 2014	Volume 7 Freshwater Environment	s.7.3.1.2. figures 7.1.5 and 7.3.1	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.2.6.2, Figure 3.1 to 3.13	n/a	
	5	Provide a description of the groundwater regime.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.3.2.3	n/a	
					Final Environmental Impact Statement, Volume 7, April 2014	Volume 7 Freshwater Environment	s.7.2.2.2 Appendix 7.2.B, s.2.4	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.2.7	n/a	

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	6	Provide baseline data and an evaluation of baseline data describing surface and groundwater quality in the project area (physical, chemical, and biological characteristics).	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.3.2.3, s.3.3.2	n/a	
					Final Environmental Impact Statement, Volume 7, April 2014	Volume 7 Freshwater Environment	Volume 7: 7.2, 7.4 Appendices 7.2A, 7.4B	n/a	
	7	Provide a description of the usual break-up and freeze-up periods.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.3.2.8	n/a	
					Final Environmental Impact Statement, Volume 7, April 2014	Volume 7 Freshwater Environment	s.7.3.1.2.3	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.2.6.4	n/a	
	8	Provide a description of streambed material, streambank material, and streambank vegetation,	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.3.2.6 s.3.2.8	n/a	
					Final Environmental Impact Statement, SD 7-1, April 2014	SD 7-1 Aquatic Synthesis 1994-2009	s.7	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.4.2	n/a	
	9	Indicate the slope of the banks of any water course affected by the application	Y	n/a	Final Environmental Impact Statement, Volume 7, April 2014	Volume 7 Freshwater Environment	s. 7.3.1.2.2	n/a	
	10	Provide a decription of the meander pattern for any channel affected by the application	Y	n/a	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.2.6.2	Channels are typically only slightly entrenched, have high bankfull width-to-depth ratios (greater than 12) and moderate sinuosity (S) (greater than 1.2)	
	11	Provide the following streamflow data in cubic metres per second for each watercourse included in the application:	n/a	The Project in the application impacts ponds, and lakes only. No significant streams will be impacted. However, baseline information on streams is provided in the FEIS.	Final Environmental Impact Statement, SD 7-1, April 2014	SD 7-1 Aquatic Synthesis 1994-2009	s 4.2	n/a	
	a	mean annual flow;	n/a						
	b	mean summer flow;	n/a						
	c	minimum summer flow;	n/a						
	d	minimum annual flow;	n/a						
	e	mean annual flood;	n/a						
	f	maximum summer flood;	n/a						
	g	mean summer flood;	n/a						
	12	Provide bathymetric information for water bodies affected by the application.	Y	n/a	Final Environmental Impact Statement, SD 7-1, April 2014	SD 7-1 Aquatic Synthesis 1994-2009	s.7.1.2.2, 7.3.1.2, 7.3.2.2	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.4.3, Appendix E, Figure 1	n/a	

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	13	Provide a description of the ground condition for design and engineering of earthwork infrastructure, including (if applicable, provide test pit/ drill hole logs and laboratory test results):	Y	n/a	Final Environmental Impact Statement, SD 2-4 (A, B, C), April 2014	SD 2-4A 2011 Geotechnical Factual SD 2-4B Geotechnical Factual SD 2-4C Grenon Hadjigeorgiou Preliminary Stope Stability Assessment	All document	n/a	
					Ore Storage Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----OreMgmtPlanCPLT-IMLE	s.2.5. and s.5.3	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL----MineWasteMgmtPlanCPLT-IMLE	s.2.5	n/a	
					Landfill and Waste Management Plan, April 2015	150513 2AM-MEL----LandfillWasteMgmtPlan-IMLE	s.1.3, s.5.1	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.4.3	n/a	
	a	Interim and permanent waste rock facilities	Y	n/a	Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL----MineWasteMgmtPlanCPLT-IMLE	s.2.5	n/a	
					Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 2.5.5	Interim storage facility for waste rock information is provided in a Type B application to the NWB	
	b	Tailings containment area	Y	n/a	Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL----MineWasteMgmtPlan-IMLE	s.2.5	n/a	
	c	Landfills	Y	n/a	Landfill and Waste Management Plan, April 2015	150513 2AM-MEL----LandfillWasteMgmtPlan-IMLE	s.1.3, s.5.1	n/a	
	d	Landfarms	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.2.3.2	n/a	
	e	Fuel and chemical storage facilities	Y	n/a	Hazardous Material Management Plan, April 2015	150513 2AM-MEL----HazardousMtlMgmtPlan-IMLE	s.2.1, s2.3, s.3.3, s.3.5, s.4.4, s.5.2, s.5.3.1, s.5.4, s.5.5, s.6, s.7.2	n/a	
					Explosives Management Plan, April 2015	150513 2AM-MEL----ExplosivesMgmtPlan-IMLE	s.2.2, 2.5, 3.2, s.4.1	n/a	

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	f	Explosives management areas and facilities	Y	n/a	Explosives Management Plan, April 2015	150513 2AM-MEL----ExplosivesMgmtPlan-IMLE	s.2	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.4.3	n/a	
	g	Roads	Y	n/a	Roads Management Plan, April 2015	150513 2AM-MEL----RoadMgmtPlan-IMLE	s.5	n/a	
	h	Quarries or borrow pits	Y	n/a	Borrow Pits and Quarries Management Plan, April 2015	150513 2AM-MEL----BorrowQuarriesMgmtPlan-IMLE	Full Document, s. 9 contains reference list	n/a	
	i	Hazardous waste facilities	Y	n/a	Hazardous Material Management Plan, April 2015	150513 2AM-MEL----HazardousMtlMgmtPlan-IMLE	s.3.4, s.3.5, s.5.4, s.5.5	n/a	
	j	Wastewater treatment facilities	Y	n/a	Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s.2.5.3	n/a	
	k	Ore stockpiles	Y	n/a	Ore Storage Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----OreMgmtPlanCPLT-IMLE	s.2.5. and s.5.3	n/a	
	l	Overburden piles	Y	n/a	Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL----MineWasteMgmtPlanCPLT-IMLE	s 2.5	n/a	
	m	Dewatering dikes	Y	n/a	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.5.5	n/a	
	14	Provide results of any assessment of the permeability of any faults and taliks beneath water bodies.	Y	n/a	Final Environmental Impact Statement, Volume 7, April 2014	Volume 7 Freshwater Environment	s.7.2.2.2.2, 7.2.2.7.2, 7.2.2.8.1,Table 7.2-5, Appendix 7.2B	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.2.7	n/a	
	15	Provide a description of the historical uses of the waters affected by the project.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.1.5.1.1 s.2.4.4 s.3.2.10	n/a	
					Final Environmental Impact Statement, Volume 9, April 2014	Vol 9 Socio-Ec TLU	s.9.3.1.3.2. ,s 9.3.1.3.3.	n/a	
	16	Provide a description of any traditional uses of water in the project area.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.1.5.1.1 s.2.4.4 s.3.2.10	n/a	
					Final Environmental Impact Statement, Volume 9, April 2014	Vol 9 Socio-Ec TLU	s.9.3.1.3.2. ,s 9.3.1.3.3.	n/a	
					Aquatic Effects Monitoring Program (AEMP) Design Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----AEMP-IMLE	s.4.5	n/a	

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	17	Indicate whether fish, shellfish, or other wildlife are present and harvested in or near discharge areas and, if applicable, indicate the species harvested and the level of harvest.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.3.2.5 s.3.2.6 s.1.5 s.3.2 (wildlife)	n/a	
					Final Environmental Impact Statement, SD 7-1, April 2014	SD 7-1 Aquatic Synthesis 1994-2009	s.1.4, s.2, s.3.2.4.1,	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.4.2, s.610 and s.6.11	n/a	
	18	Provide a description of the results of any consultation with Elders regarding the collection of baseline data.	Y	n/a	Public Engagement and Consultation Baseline Report (April 2015)	150513 2AM-MEL----PublicConsultationPlan - IMLE	s.6, s.7, Appendices C to E, and Appendix G	n/a	
					Final Environmental Impact Statement, SD 3-1, April 2014	SD 3-1 Public Engagement Baseline	s.3.1, s.6.3, s. 7	n/a	
Geology and Mineralogy	**19**	Provide a description of the physical nature of the mineralization, including known dimensions and approximate shape	Y	n/a	Mine Plan (April 2015)	150513 2AM-MEL---- Mine Plan-IMLE	s2.3.3	n/a	
					Final Environmental Impact Statement, Volume 6, April 2014	Volume 6 Terrestrial Environment	s.6.2.2.2	n/a	
	20	Provide a description of the host rock in the general vicinity of the mineralization (from the surface to the mineralized zone)	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	Appendix C, Document 4.1	n/a	
					Final Environmental Impact Statement, Volume 6, April 2014	Volume 6 Terrestrial Environment	s.6.2.2.2	n/a	
	21	Provide a geological description of the mineralized zone. (If possible, include the percentage of metals)	Y	n/a	Mine Plan (April 2015)	150513 2AM-MEL---- Mine Plan-IMLE	s.2.3.3.	n/a	
					Final Environmental Impact Statement, SD 6-3, April 2014	SD 6-3 Geochemistry Baseline	s.3.1	n/a	
	22	Provide a description of the geochemical tests which have been (or will be) performed on the ore, host rock, and waste rock to determine their relative acid generation and contaminant leaching potential. Outline methods used (or to be used) and provide test results in an attached report (ie. static test, kinetic tests).	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.3.3.1	n/a	
					Final Environmental Impact Statement, SD 6-3, April 2014	SD 6-3 Geochemistry Baseline	All document	n/a	
					Ore Storage Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----OreMgmtPlanCPLT-IMLE	s.4.0	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL----MineWasteMgmtPlanCPLT-IMLE	s.4.0	n/a	
	23	Provide an estimate of the percentage of sulphide in the mineralization including:	Y	n/a	Final Environmental Impact Statement, SD 6-3, April 2014	SD 6-3 Geochemistry Baseline	SD 6-3: s.3.1	n/a	
					Final Environmental Impact Statement, SD 6-3, April 2014	SD 6-3 Geochemistry Baseline	SD 6-3: s.3.1	n/a	

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	a	Pyrite	Y	n/a	see item 23 above	see item 23 above	see item 23 above	n/a	
	b	Pyrrhotite	Y	n/a	see item 23 above	see item 23 above	see item 23 above	n/a	
	c	Pyrite / Pyrrhotite mixture	Y	n/a	see item 23 above	see item 23 above	see item 23 above	n/a	
	d	Arsenopyrite	Y	n/a	see item 23 above	see item 23 above	see item 23 above	n/a	
	24	Provide a description of the geochemical tests which have been(or will be performed on the ore, host rock and ewate rock to determine their relative acid generation and contaminant leaching potential. Outline methods used (or to be used) and provide test results in an attached report (i.e. static tests, kinetic tests)	Y	n/a	see item 22 above (duplication)	see item 22 above	see item 22 above	n/a	
Fisheries	**25**	The applicant is advised to consult with DFO regarding fish and fish habitat related issues and to visit DFO's website at http://www.dfo-mpo.gc.ca/habitat/habitat-eng.htm. Indicate whether the applicant has consulted with DFO and provide the results of any consultation.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.2.5.2	n/a	
					Public Engagement and Consultation Baseline Report, April 2015	150513 2AM-MEL----PublicConsultationPlan - IMLE	s.6.8, Appendix B	n/a	
	26	If applicable, provide baseline data and an evaluation of baseline data describing fish and fish habitat in the project area	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.3.2.8, s. 3.2.9, s.3.2.10	n/a	
					Final Environmental Impact Statement, SD 7-1, SD 7-2, April 2014	SD 7-1 Aquatic Synthesis 1994-2009 SD 7-2 2011 Aquatics Baseline	SD7-1: s.7, s.9, s.10 SD7-2: s.5, s.7	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.4.2	n/a	
	27	If applicable, provide a fisheries assessment including:	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.2.5.2	n/a	
					Final Environmental Impact Statement, SD 7-1, SD 7-2, April 2014	SD 7-1 Aquatic Synthesis 1994-2009 SD 7-2 2011 Aquatics Baseline	Full document	A list of all plans submitted with the application is provided in Tab 9.0 . Studies used to support the design of these reports and plans are listed in the full reference lists attached to each plan.	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.4.2 and s.6.10	n/a	

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	a	Detailed area description (including photographic record);	Y	n/a	see item 27 above	see item 27 above	see item 27 above	n/a	
	b	Description of fish habitat (including river or lake bottom substrates such as silt, sand, or cobble);	Y	n/a	see item 27 above	see item 27 above	see item 27 above	n/a	
	c	Presence of sensitive habitats (spawning, migration corridors etc.);	Y	n/a	see item 27 above	see item 27 above	see item 27 above	n/a	
	d	Description of aquatic and riparian vegetation;	Y	n/a	see item 27 above	see item 27 above	see item 27 above	n/a	
	e	Fish community and lifestage present;	Y	n/a	see item 27 above	see item 27 above	see item 27 above	n/a	
	f	Depth and width of watercourse;	Y	n/a	see item 27 above	see item 27 above	see item 27 above	n/a	
	g	Max/min water flows, currents, tides;	Y	n/a	see item 27 above	see item 27 above	see item 27 above	n/a	
	h	Turbidity and sediment loads (total suspended solids);	Y	n/a	see item 27 above	see item 27 above	see item 27 above	n/a	
	i	Sport, commercial, subsistence fishery present.	Y	n/a	see item 27 above	see item 27 above	see item 27 above	n/a	
Studies	**28**	Provide a list of baseline studies, reports and plans relevant to the application that have been undertaken to date including:	Y	n/a	Cover Letter, April 2015	150513 2AM-MEL----Cover LtrApplicationForm	Attachment A , s. 23	A list of all plans submitted with the application is provided in Tab 9.0 . Studies used to support the design of these reports and plans are listed in the full reference lists attached to each plan.	
					Final Environmental Impact Statement (FEIS), Agnico Eagle Mines Limited, April 2014	NWB Public Registry (PR) (See Note 1)	All references below refer to FEIS SD's and Sections.	Information provided to NIRB for FEIS review	
	a	Geotechnical studies;	Y	n/a	Final Environmental Impact Statement, Volume 2, April 2014	Volume 2 Meliadine FEIS Project Description	SD 2-4A, SD 2-4B, SD 2-4C	Information provided to NIRB for FEIS review	
					Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s. 2.3.2, s.2.3.3	n/a	
	b	Geochemical studies;	Y	n/a	Final Environmental Impact Statement, Volume 6, April 2014	Volume 6 Terrestrial Environment	Section 6.2, Section 6.3, Section 6.4, Section 6.5; and SD 6-1;SD 6.1 and SD 6.3	Information provided to NIRB for FEIS review	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL---- MineWasteMgmtPlanCPLT-IMLE	s. 4	n/a	
					Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s 3.3.1	n/a	

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5.0 Baseline Information

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
	c	Water quality studies;	Y	n/a	Final Environmental Impact Statement, Volume 7, April 2014	Volume 7 Freshwater Environment	Section 7.0 and Section 7.4	Information provided to NIRB for FEIS review	
					Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 3.3.2	n/a	
	d	Hydrological and hydrogeological studies;	Y	n/a	Final Environmental Impact Statement, Volume 7, April 2014	Volume 7 Freshwater Environment	Section 7.2 and Section 7.3	Information provided to NIRB for FEIS review	
					Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 3.2.3, s. 3.2.8	n/a	
	e	Traditional use studies;	Y	n/a	Final Environmental Impact Statement, Volume 3 and 9, April 2014	Volume 3 Data Collection Vol 9 Socio-Ec TLU	Section 3.2 and Section 9.3 and Section 9.9	Information provided to NIRB for FEIS review	
					Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s 1.5	n/a	
	f	Aquatic studies;	Y	n/a	Final Environmental Impact Statement, Volume 7, April 2014	Volume 7 Freshwater Environment	Section 7.5 and SD 7-1; SD 7-2	Information provided to NIRB for FEIS review	
					Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 3.2.10	n/a	
					Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 3.2.10	n/a	
	g	Meteorological studies;	Y	n/a	Final Environmental Impact Statement, Volume 5, April 2014	Volume 5 Atmospheric Environment	Section 5.2, Section 5.3, Section 5.4	Information provided to NIRB for FEIS review	

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5.0 (A) Baseline Landfarm

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
Site Characterization	**1**	Provide a description of the site using current detailed topographic survey maps and/or aerial photos where applicable. Maps, diagram, and aerial photos must include accurate scales that allow the determination of distances between the objects depicted. The description must consider:	Y	n/a	Type A Water Licence Main Application Document, April 2015 (Note: All reports authored by Agnico Eagle Mines Limited unless otherwise stated)	150513 2AM-MEL----MainApplicationDocument-IMLE	s.3.2	n/a	
	a	location of fuel and chemical storage facilities	Y	n/a	Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	Appendix A, Fig. 1.2a and Fig. 1.2b	n/a	
					Hazardous Material Management Plan, April 2015	150513 2AM-MEL----HazardousMtlMgmtPlan-IMLE	s.5.2	n/a	
	b	location of soil landfarm active treatment facilities	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	Appendix A, Fig. 1.2a	n/a	
					Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.2.2, Fig. 2-1	n/a	
	c	location of surface water bodies, particularly potable water sources and fish bearing waters	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	Appendix A, Fig. 1.2a and Fig. 1.2b	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.2.6.1	n/a	
	d	location of site access routes	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	Appendix A, Fig. 1.2a, Fig. 1.2b and Fig. 1.3	n/a	
	e	surface water drainage patterns	Y	n/a	Final Environmental Impact Statement, Volume 7, April 2014	Volume 7 Freshwater Environment	s.7.1.2, s.7.3.1.2. figures 7.1-5 and 7.3.1	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.2.6.2	n/a	
	f	groundwater flow and direction	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.3.2.3	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.2.7	n/a	
	g	groundwater regime	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.3.2.3	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.2.7	n/a	
	h	surface water quality	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.3.3.2	n/a	
					Final Environmental Impact Statement, Volume 7 and SD 7-1, April 2014	Volume 7 Freshwater Environment SD 7-1 Aquatic Synthesis 1994-2009	SD 7.1. s.3.2, s.5	n/a	
	i	groundwater quality	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.3.2.3,	n/a	
					Final Environmental Impact Statement, Volume 7, April 2014	Volume 7 Freshwater Environment	Volume 7: 7.2	n/a	
	j	potential seepage in the area of the undertaking	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.6.2	n/a	
	2	Provide an evaluation of the soil characteristics to determine whether the soil, if contaminated, is well-suited for landfarming. Consider the following characteristics:	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.4, s.4.2.1	n/a	
	a	microbial population density	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.4.2.1	n/a	
	b	soil pH	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.4.2.1	n/a	
	c	moisture content	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.4.3, s.4.2.1	n/a	
	d	nutrient concentration	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.4.4	n/a	

5.0 (A) Baseline Landfarm

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
	e	soil type	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.4.1	n/a	
	3	Provide a description of the site geology including:	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.2.2	n/a	
					Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.3.2.4, s.3.2.5	n/a	
					Final Environmental Impact Statement, Volume 7, April 2014	Volume 7 Freshwater Environment	s.7.2.2.1	n/a	
	a	the thickness of underlying soil	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.2.2	n/a	
					Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.3.2.4	n/a	
	b	presence of bedrock	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.2.2	n/a	
					Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.3.2.4	n/a	
	c	degree of bedrock fracturing	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.3.2.5	n/a	
	4	Provide a description of the permafrost regime including:	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.3.2.2	n/a	
					Final Environmental Impact Statement, SD 6-1, April 2014	SD 6-1 Permafrost Baseline Studies	All document	n/a	
	a	the depth of the permafrost active layer	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.3.2.2	n/a	
	b	permafrost characteristics that may impact the construction or operation of the facility such as frost heave, presence of ice lenses, evidence of permafrost degradation	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.3.2.2	n/a	
	5	Provide a climatic assessment of the site including:	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.3.2.1	n/a	
	a	precipitation and temperature profiles	Y	n/a	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s. 2, Tables 2.1 to 2.4	n/a	
	b	a discussion concerning the likelihood of flood events that could disrupt operations or threaten water quality and whether the local landforms may encourage or discourage such events (ie. a facility situated in an active flood plain)	Y	n/a	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s. 5.2	This section outlines the design criteria to account for extreme events.	
	6	Provide the slope of the land underlying the facility	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s. 2., Fig. 2-1	n/a	
	7	Provide a description of the results of any consultation with Elders regarding the collection of baseline data.	Y	n/a	Public Engagement and Consultation Baseline Report (April 2015)	150513 2AM-MEL----PublicConsultationPlan -IMLE	s.6, s.7, Appendices C to E, and Appendix G	n/a	
	8	Provide a description of the historical uses of the waters affected by the project.	n/a	no waterbodies are affected directly by the landfarm	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.1.5.1.1, s.2.4.4, s.3.2.10	n/a	
					Final Environmental Impact Statement, Volume 9, April 2014	Vol 9 Socio-Ec TLU	s.9.3.1.3.2. ,s 9.3.1.3.3.		
					Aquatic Effects Monitoring Program (AEMP) Design Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----AEMP-IMLE	s.4.5		

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5.0 (A) Baseline Landfarm

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
	9	Provide a description of any traditional uses of water in the project area.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.1.5.1.1, s.2.4.4, s.3.2.10	n/a	
					Final Environmental Impact Statement, Volume 9, April 2014	Vol 9 Socio-Ec TLU	s.9.3.1.3.2. ,s 9.3.1.3.3.	n/a	
					Aquatic Effects Monitoring Program (AEMP) Design Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----AEMP-IMLE	s.4.5	n/a	
	10	Indicate whether fish, shellfish, or other wildlife are present and harvested in or near the project area and, if applicable, indicate the species harvested and the level of harvest.	Y	n/a	Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.3.2.5, s.3.2.6, s.1.5, s.3.2 (wildlife)	n/a	
					Final Environmental Impact Statement, SD 7-1, April 2014	SD 7-1 Aquatic Synthesis 1994-2009	s.1.4, s.2, s.3.2.4.1,	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.4.2, s.610 and s.6.11	n/a	
	11	Provide a description of the geochemical tests which have been (or will be) performed on quarry or borrow material to determine the relative acid generation and contaminant leaching potential. Outline methods used (or to be used) and provide test results in an attached report (ie. static test, kinetic tests).	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.3.3.1	n/a	
					Final Environmental Impact Statement, SD 6-3, April 2014	SD 6-3 Geochemistry Baseline	All document	n/a	
					Ore Storage Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----OreMgmtPlanCPLT-IMLE	s.4.0	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL----MineWasteMgmtPlanCPLT-IMLE	s.4.0	n/a	
Fisheries	**12**	If applicable, provide baseline data and an evaluation of baseline data describing fish and fish habitat in the project area. The applicant is advised to consult with DFO regarding fish and fish habitat related issues and to visit DFO's website at http://www.dfo-mpo.gc.ca/habitat/habitat-eng.htm. Indicate whether the applicant has consulted with DFO and provide the results of any consultation.	n/a	there are no fish or fish habitat in the landfarm area. Item addressed in Tab 5.0, s.25	n/a	n/a	n/a	n/a	
Studies	**28**	Provide a list of baseline studies, reports and plans relevant to the application that have been undertaken to date including:	Y	n/a	Cover Letter, April 2015	150513 2AM-MEL----Cover LtrApplicationForm	Attachment A , s. 23	A list of all plans submitted with the application is provided in Tab 9.0 . Studies used to support the design of these reports and plans are listed in the full reference lists attached to each plan.	
					Final Environmental Impact Statement (FEIS), Agnico Eagle Mines Limited, April 2014	NWB Public Registry (PR) (See Note 1)	All references below refer to FEIS SD's and Sections.	Information provided to NIRB for FEIS review	
	a	Geotechnical studies;	Y	n/a	Final Environmental Impact Statement, Volume 2, April 2014	Volume 2 Meliadine FEIS Project Description	SD 2-4A, SD 2-4B, SD 2-4C	Information provided to NIRB for FEIS review	
					Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s. 2.3.2, s.2.3.3	n/a	
	b	Geochemical studies;	Y	n/a	Final Environmental Impact Statement, Volume 2, April 2014	Volume 6 Terrestrial Environment	Section 6.2, Section 6.3, Section 6.4, Section 6.5; and SD 6-1;SD 6.1 and SD 6.3	Information provided to NIRB for FEIS review	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL----MineWasteMgmtPlan-IMLE	s. 4	n/a	
					Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s 3.3.1	n/a	

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5.0 (A) Baseline Landfarm

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
	c	Water quality studies;	Y	n/a	Final Environmental Impact Statement, Volume 7, April 2014	Volume 7 Freshwater Environment	Section 7.0 and Section 7.4	Information provided to NIRB for FEIS review	
					Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 3.3.2	n/a	
	d	Hydrological and hydrogeological studies;	Y	n/a	Final Environmental Impact Statement, Volume 7, April 2014	Volume 7 Freshwater Environment	Section 7.2 and Section 7.3	Information provided to NIRB for FEIS review	
					Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 3.2.3, s. 3.2.8	n/a	
	e	Traditional use studies;	Y	n/a	Final Environmental Impact Statement, Volume 3 and 9, April 2014	Volume 3 Data Collection Vol 9 Socio-Ec TLU	Section 3.2 and Section 9.3 and Section 9.9	Information provided to NIRB for FEIS review	
					Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s 1.5	n/a	
	f	Aquatic studies;	Y	n/a	Final Environmental Impact Statement, Volume 7, April 2014	Volume 7 Freshwater Environment	Section 7.5 and SD 7-1; SD 7-2	Information provided to NIRB for FEIS review	
					Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 3.2.10	n/a	
	g	Meteorological studies;	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 3.2.10	n/a	
					Final Environmental Impact Statement, Volume 5, April 2014	Volume 5 Atmospheric Environment	Section 5.2, Section 5.3, Section 5.4	Information provided to NIRB for FEIS review	

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6.0 Water Use: Quality, Quantity, Predicted Environmental Impact and Proposed Mitigation Measures

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
Water Use	**1**	Provide a detailed description of all types of water uses including: (See the NWB definition of "use" in the NWB Guide 2: Terminology and Definitions). Categorize water consumption use(s) as either mining/industrial use and/or domestic use.	Y	n/a	Cover Letter from Agnico Eagle to NWB for submission of the Application (Cover Letter) April 2015 **(Note: All reports authored by Agnico Eagle Mines Limited unless otherwise stated)**	150513 2AM-MEL----Cover LtrApplicationForm	Attachment A, s. 12	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.4.5, s.4.6	n/a	
	a	Obtain water for domestic purposes	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 6.5	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.4.5.1	n/a	
	b	Obtain water for industrial purposes	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s 6.4	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.4.6	n/a	
		drilling	Y	n/a	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.4.4.7, s.4.5.1	n/a	
		mill or processing plant	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 6.4	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.4.6	n/a	
		concrete production	Y	n/a	not available	not available	Water use for concrete production was not considered in the water balance and is not known at this time. The water balance will be updated as water uses are better defined prior to construction	n/a	
		explosives manufacture	Y	n/a	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.4.4.12	n/a	
		ice road construction	n/a	All-weather Access road licensed by NWB from Rankin Inlet to proposed mine site. Ice roads are not planned.	n/a	n/a	n/a	n/a	
		other: (describe)	n/a	no other industrial water uses are planned	n/a	n/a	n/a	n/a	

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6.0 Water Use: Quality, Quantity, Predicted Environmental Impact and Proposed Mitigation Measures

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
	c	To cross a water course	Y	n/a	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.4.4.8	n/a	
					Roads Management Plan, April 2015	150513 2AM-MEL----RoadMgmtPlan-IMLE	s.7,s.9,s.11	n/a	
	d	To alter the flow of water, or store water	Y	n/a	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.5	n/a	
	e	Flood control	Y	n/a	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.5.5	n/a	
	f	To divert a watercourse	Y	n/a	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.4.1, s.4.2	n/a	
	g	To modify the bed or bank of a watercourse	Y	n/a	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.4.3	n/a	
	h	Others: dust suppression	Y	n/a	Roads Management Plan (April 2015)	150513 2AM-MEL----RoadMgmtPlan-IMLE	Appendix C	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL----MineWasteMgmtPlan-IMLE	s.8	n/a	
		Pre development Activities	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.2.5.5, s.4.1.1	n/a	
Water Use: Quality and Quantity *Water Intake* **Identify uses as either domestic or industrial**	**2**	Provide the name of the primary water source(s) as well as the name of any alternative water source(s).	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.4.2.4.1, s. 6.5	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.4.5.1	n/a	
	3	Provide a description of the source(s) of water and the location of the water source(s) as shown on a map.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.4.2.5.1, s.6.5, Appendix A, Figure 1.2a	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	Fig.1.1, Fig 1.2	n/a	
	4	Indicate the type of water source(s) as lake, river, well, or other type.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.4.2.4.1, s. 6.5	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.4.5.1	n/a	
	5	Provide a description of the quality of the water from the source(s) for each season (summer, fall, winter, spring).	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s 3.3.2	n/a	
					Final Environmental Impact Statement, Volume 7, April 2014	Volume 7 Freshwater Environment	s. 7.4.4.3	n/a	
	6	Provide the capacity of the water source(s).	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 4.2.4.3	n/a	
	7	Provide the acquisition rate in cubic metres per day and cubic metres per year from each water source.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 4.2.4.3	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.4.6.1	n/a	

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6.0 Water Use: Quality, Quantity, Predicted Environmental Impact and Proposed Mitigation Measures

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
	8	Provide a description of the water intake method(s) including the intake facility, the operating capacity of the pump used, the details of any screening to exclude fish, and the distance the pump will be placed from the ordinary high water mark of the watercourse.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s. 4.2.4.1	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- WaterMgmtPlanCPLT-IMLE	s.4.5.1	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL---- ScreeningReport-IMLE	s4.2	n/a	
	9	Provide a description of the general condition of any existing water intake facility. Rate the condition of the facility as satisfactory or unsatisfactory and explain the rating.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s. 4.2.1	n/a	
	10	Indicate whether water is drawn from the source(s) intermittently or continuously and if intermittently indicate during what months it is drawn and for what period it is drawn	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s.4.2.5.3, s. 6.5	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- WaterMgmtPlanCPLT-IMLE	s.4.5.1 (supply water on demand)	n/a	
	11	Indicate the amount of water to be returned to the source.	Y	n/a	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- WaterMgmtPlanCPLT-IMLE	s.4.5.1 (supply water on demand)	n/a	
	12	Provide a description of the methods to ensure water returned to any source is of an acceptable quality.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s. 6.10.2, s. 6.10.3	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- WaterMgmtPlanCPLT-IMLE	s. 9, Appendix H	n/a	
					Preliminary Closure and Reclamation Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL---- PrelimClosurePlan-IMLE	s.4.4, s.5.2.2.5, s.5.2.2.3, s.5.2.3.5, s.5.2.4.1, s.5.2.4.3, s.5.2.4.5, s.5.2.7.1,s.5.2.9.3, s..5.2.9.5, s.5.2.9.9	n/a	
	13	Provide a description of any hydrostatic testing programs, including water sources, and treatment/disposal requirements. If applicable, refer to the NWB's SIG for Hydrostatic Testing.	n/a	Hydrostatic testing is currently not planned. In the event it is planned all information requirements will be provided to the Board.	n/a	n/a	n/a	n/a	
	14	Indicate the quantities of water required for ice road construction and provide a description of the methods of ice road construction.	n/a	All-weather Access road licensed by NWB from Rankin Inlet to proposed mine site. Ice roads are not planned.	n/a	n/a	n/a	n/a	
	15	Provide a description of any measures to reduce water consumption.	Y	n/a	Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s.2.5.6	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- WaterMgmtPlanCPLT-IMLE	s.4.1, s.4.6	n/a	

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Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
Water Storage	**16**	Provide a description of any water storage facilities including the type (reservoir/pond, storage tank), location, design, and the water storage volume in cubic meters.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.4.2.5, s. 6.3.1	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.5.3	n/a	
	17	If the water storage facility is a reservoir, indicate whether the reservoir is lined, the type of liner and when it was or will be installed.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 4.2.5	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.5.3, s.5.5	n/a	
	18	Indicate whether a storage reservoir is created in a natural channel. If applicable, provide plan and profile drawings of the reservoir including the size of the drainage basin upstream of	Y	n/a	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s,5 Figures 3.2 to 3.15	n/a	
					Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	Appendix D:	n/a	
	19	Provide a plan showing representative cross sections of the reservoir.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	Appendix D:	n/a	
	20	Provide a description of the general condition of any existing water storage facility and provide an explanation if it is unsatisfactory.	n/a	No existing water storage facility; new development	n/a	n/a	n/a	n/a	
Water Distribution	**21**	Provide a description of water distribution systems (ie. piped water, trucked).	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.4.2.5.3, s. 6.3. s 6.4, s 6.5	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.4.2 Appendix B - Table B.15	n/a	
	22	Provide a description of the general condition of any existing water distribution system and provide an explanation if it is unsatisfactory.	n/a	No existing water distribution system; new development	n/a	n/a	n/a	n/a	
Watercourse Crossings	**23**	Provide a description of any watercourse crossings including pipelines, bridges, culverts or roads and its purpose.	Y	n/a	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s. 5.2 (culverts)	n/a	
					Roads Management Plan (April 2015)	150513 2AM-MEL----RoadMgmtPlan-IMLE	s.7	n/a	
	24	Provide a plan of any watercourse crossing showing cross section and elevations	Y	n/a	Roads Management Plan (April 2015)	150513 2AM-MEL----RoadMgmtPlan-IMLE	s.7	Crossing plans, cross-sections and elevations with the for construction design drawings to be submitted to the NWB 60 days prior to construction. The crossings on the road have already been constructed and will not be altered under the application.	
Watercourse Trainings	**25**	Provide a description of any watercourse trainings including channel and bank alterations, culverts, spurs, erosion control, and artificial accretion, and its purpose.	n/a	No water course trainings are planned. WMP provides details on all proposed water diversions	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s. 5.2, 5.4	n/a	

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Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
Flood Control	**26**	Provide a description of any flood control structures and its purpose.	Y	n/a	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- WaterMgmtPlanCPLT-IMLE	s.5.5	n/a	
Diversions	**27**	Provide a description of any diversions including ditches and dikes and its purpose.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s 4.2.5.2, s. 4.2.5.3, s. 6.3	n/a	
					Mine Plan (April 2015)	150513 2AM-MEL---- Mine Plan-IMLE	s.1, s2.2.3, s.2.6.5	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- WaterMgmtPlanCPLT-IMLE	s.5.4	n/a	
Alterations in flow	**28**	Provide a description of any activities or structures that could alter the flow of a watercourse including dams, spillways, berms, cofferdams, and dikes, and its purpose.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s. 4.2.5.1, s.4.2.4.2, s.4.2.5.3, s. 6.3	n/a	
					Mine Plan (April 2015)	150513 2AM-MEL---- Mine Plan-IMLE	s2.2.3, s.2.6.4, s.2.7.3, Table 2.1,	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- WaterMgmtPlanCPLT-IMLE	s.5	n/a	
	29	Indicate whether the natural storage capacity or water level of any lake or pond will be altered.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s. 6.9, Appendix B (Table 6.2)	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- WaterMgmtPlanCPLT-IMLE	s.5.3	n/a	
	30	If the alteration involves a dam, provide a plan showing the length, height, cross section and elevations of the dam and the location and preliminary designs of spillways, canals, sluice pipes, and any other outlet work.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	Appendix D	n/a	
Dewatering	**31**	Provide a description of dewatering programs, if planned, including estimated quantities, qualities, dewatering flow rates, methods and schedule of withdrawl, end use or discharge location.	Y	n/a	Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s2.3.2 underground dewatering	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- WaterMgmtPlanCPLT-IMLE	s.4.3	n/a	
	32	Provide an estimate of the quality and flow of groundwater that will flow into any open pits.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s. 6.11	n/a	
					Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s. 2..2.5	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- WaterMgmtPlanCPLT-IMLE	s.2.6	n/a	
Identification	**33**	Indicate whether there are any signs identifying past or present water intake, storage, distribution systems and/or waterwork structures presently in the project area.	Y	n/a	Typically Licence Term and Condition	(Not Available)	(Not Available)	(no timeline provided by NWB) Agnico Eagle commits to posting proper signage within 30 days of completion of construction.	

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6.0 Water Use: Quality, Quantity, Predicted Environmental Impact and Proposed Mitigation Measures

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
Modifications	**34**	Indicate whether any changes are planned for the water intake, storage, distribution systems and/or waterwork structures. If applicable, see item 35 of this section.	n/a	new development	n/a	n/a	n/a	n/a	
Proposed Water Works	**35**	For each water work component provide the design plans stamped for construction. Design plans shall consider the following: (a) to (y)	Y	n/a	(see tab 6.0(A) for concordance)	(see tab 6.0(A) for concordance)	(see tab 6.0(A) for concordance)	(see tab 6.0(A) for concordance)	
	36	Final plans and drawings for construction must be stamped by a Professional Engineer licensed to practice in Nunavut. (See Section 7 of the NWB's Guide 4: Completing and Submitting a Water Licence Application for more information regarding design drawings).	Y	n/a	(see tab 6.0(A) for concordance)	(see tab 6.0(A) for concordance)	(see tab 6.0(A) for concordance)	(see tab 6.0(A) for concordance)	
	37	If geotextile is used or a similar material to prevent the transport of sediment into a watercourse, provide the technical specifications for the proposed material as well as the location, extent and placement method for the material.	Y	n/a	(see tab 6.0(A) for concordance)	(see tab 6.0(A) for concordance)	(see tab 6.0(A) for concordance)	(see tab 6.0(A) for concordance)	
	38	If rip rap is used or a similar material for erosion protection, provide information regarding the minimum and maximum sizes of the material and the gradation between those limits. Indicate the quantity to be used and its source.	Y	n/a	(see tab 6.0(A) for concordance)	(see tab 6.0(A) for concordance)	(see tab 6.0(A) for concordance)	(see tab 6.0(A) for concordance)	
Predicted Environmental Effects and Proposed mitigation measures	**39**	Provide a description of the effects of water usage on the source from which water will be drawn including the potential for drawdown.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.4.2.4.3	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.6.1	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.6.8	n/a	
	40	Provide a description of any expected changes in surface water flow or storage including changes downstream of the project.	Y	n/a	Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	s.6.8	n/a	

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	41	If the cross-section of any watercourse is changed, provide a description of the change and its effect on the flow capacity of the channel.	n/a	No significant watercourses are changed. Based on the current water management plan, no cross-section changes are anticipated. The channel design basis considers flow capacity.	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- WaterMgmtPlanCPLT-IMLE	s. 5.4	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL---- ScreeningReport-IMLE	s.6.8 - no impacts were identified herein		
	42	If the course of any channel is changed, provide a description of measures to maintain stream bed and bank stability.	n/a	No significant watercourses are changed. No impacts to stream bed and bank stability are anticipated.	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- WaterMgmtPlanCPLT-IMLE	s. 4.3 provides the waterbodies impacted by the Project	Information will be provided as part of construction summary reports to take into account O&M requirements. Agnico Eagle will comply with	
					Roads Management Plan, April 2015	150513 2AM-MEL---- RoadMgmtPlan-IMLE	s. 7.1		
	43	Provide a description of measures of preventing surface water from coming into contact with waste and measures of managing surface water that does come into contact with waste (surface water management plan).	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s.6.1, s.6.2	n/a	
					Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s.2., Table 2.1 s.2.2.3, s.2.2.5, s.2.4, s.2.5.6 s.2.6.4, s.2.7.3	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- WaterMgmtPlanCPLT-IMLE	s.5	n/a	
	44	Provide a description of measures of preventing groundwater from coming into contact with waste and measures of managing groundwater that does come into contact with waste (groundwater management plan).	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s. 6.7	n/a	
					Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s.2.3.2 s.2.2.5	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- WaterMgmtPlanCPLT-IMLE	s.4.4.7.2	n/a	
Fisheries	**45**	If applicable, provide a description of any potential impacts to fish and/or fish habitat. (Indirect effects may include project effects, water quality, or aquatic organisms. Direct effects may include degradation or alteration of fish habitat). The applicant is advised to consult with DFO regarding fish and fish habitat related issues and to visit DFO's website at http://www.dfo-mpo.gc.ca/habitat/habitat-eng.htm.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s.2.5.2, s.5.10	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL---- ScreeningReport-IMLE	s.6.8 to s.6.10	n/a	
	a	Potential effects on fish or fish habitat;	Y	n/a	Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL---- ScreeningReport-IMLE	s.6.10	n/a	
	b	The area in square metres to be impacted;	Y	n/a	Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL---- ScreeningReport-IMLE	s.3.1	n/a	

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	c	Measures to avoid sensitive periods and habitat areas (i.e., spawning beds, migration corridors);	Y	n/a	Roads Management Plan (April 2015)	150513 2AM-MEL----RoadMgmtPlan-IMLE	s.7.1	n/a	
	d	Measures to avoid physical impacts on habitat;	Y	n/a	Roads Management Plan (April 2015)	150513 2AM-MEL----RoadMgmtPlan-IMLE	s.7, Appendix C	n/a	
	e	Measures to maintain flows and fish passage;	Y	n/a	Roads Management Plan (April 2015)	150513 2AM-MEL----RoadMgmtPlan-IMLE	s.7.2	n/a	
	f	Measures to avoid sedimentation;	Y	n/a	Roads Management Plan (April 2015)	150513 2AM-MEL----RoadMgmtPlan-IMLE	s.7.1	n/a	
	g	Measures to avoid spills;	Y	n/a	Roads Management Plan (April 2015)	150513 2AM-MEL----RoadMgmtPlan-IMLE	s.7.1	n/a	
					Spill Contingency Plan (April 2015)	150513 2AM-MEL----SpillContingencyPlan-IMLE	s.4	n/a	
					Risk Management and Emergency Response Plan (April 2015)	150513 2AM-MEL----RiskMgmtEmergRespPlan - IMLE	s.4	n/a	
Studies	**46**	Provide a list of studies, reports and plans relevant to the application that have been undertaken to date, including:	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.2	A list of all plans submitted with the application is provided in Tab 9.0. Studies used to support the design of these reports and plans are listed in the full reference lists attached to each plan.	
					Cover Letter, April 2015	150513 2AM-MEL----Cover LtrApplicationForm	Attachment A , s. 23	n/a	
	a	Options analysis;	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.2.3	n/a	
					Ore Storage Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----OreMgmtPlanCPLT-IMLE	s.3.3 (including Fig. 3.1), s.8	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL----MineWasteMgmtPlanCPLT-IMLE	s.3.2.1, s.3.2.2, s.6.1	n/a	
	b	Water management plan including water balance analysis;	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.6	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	Full document, Appendix B (water balance)	n/a	

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	c	Fisheries assessment;	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.2.5.2	n/a	
					Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	update	n/a	
	d	Construction plan and construction schedule for water works;	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	Appendix A - Figure 4.1; Appendix B- Table 4.1	n/a	
					Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	Table 2.1	n/a	
	e	Implementation schedule for construction of works.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	Appendix A - Figure 4.1; Appendix B- Table 4.1	A list of all plans submitted with the application is provided in Tab 9.0. Studies used to support the design of these reports and plans are listed in the full reference lists attached to each plan.	
					Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	Table 2.1	n/a	
	f	Construction quality assurance and quality control plans;	Y	n/a	n/a	n/a	n/a	Final for construction design drawings, including construction quality assurance and quality control plans, will be provided to NWB 60 days prior to construction	
	g	Operation and maintenance plan;	Y	n/a	n/a	n/a	n/a	Where applicable, Management Plans will be updated following issuance of the license and take into account O&M requirements	
	h	Preliminary abandonment and reclamation plans for existing and proposed facilities;	Y	n/a	Preliminary Closure and Reclamation Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----PrelimClosurePlan-IMLE	s.5	n/a	
	i	Final abandonment and reclamation plans for facilities to be closed;	Y	n/a	Preliminary Closure and Reclamation Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----PrelimClosurePlan-IMLE	s.5	Typically required at least one year/12 months prior to expected end of mining	
					Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.6.11 s.7.11	n/a	
	j	Monitoring plans (See Section 8).	Y	n/a	(see tab8.0 for concordance)	(see tab8.0 for concordance)	(see tab8.0 for concordance)	(see tab8.0 for concordance)	

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6.0 (A) Proposed Water Works

		Proposed Water Facilities	Insert Section of document where information is provided If information is not available at the time of application, indicate when the information will be made available					NWB Concordance Assessment
		Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Water Management Plan, April 2015, Tetratech EBA Inc.					
		Insert electronic file name of document where information is provided	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE					
Section Title	**Section No.**	**Information Requirement**	**Water Intake and Causeway**	**Water Treatment Facilities**		**Water Control Structures (Dykes, Dam, Jetty)**	**Water Crossing (culverts, bridges)**	
Section Title	**Section No.**	**Information Requirement**		**Effluent Water Treatment Plant**	**Sewage Treatment Plant**			
Proposed Water Works	**35**	For each water work component provide the design plans stamped for construction. Design plans shall consider the following:	Final for construction design plans (FD) will be submitted 60 days prior to construction; for further details see Main Application Document, Appendix A Fig. 4-1 for construction schedule					
	a	Name of the water body(s) affected.	s.4.5.1	Table 4.1	n/a	Table 4.1	Table 4.1	
	b	Site photos, site map, or air photos of the location.	Figure 1.2	Figure 1.2	Figure 1.2	Figure 1.2	Figure 1.2	
	c	Description of the existing condition of the site (see Section 5)	See Section 5 Master Concordance Table	See Section 5 Master Concordance Table	See Section 5 Master Concordance Table	See Section 5 Master Concordance Table	See Section 5 Master Concordance Table	
	d	Indicate whether any structure will be placed in water on a temporary, seasonal or permanent basis and provide a description of when and how the structure will be removed.	s.4.5.1	n/a	n/a	s.5	n/a	
	e	The design flood flow in cubic metres per second and its return period for the type of structure proposed.	n/a	n/a	n/a	s.5.2	s.5.2	
	f	An explanation of the rationale for the selected design flow flood and its return period.	n/a	n/a	n/a	s.5.2	s.5.2	
		Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Type A Water Licence Main Application Document, April 2015					
		Insert electronic file name of document where information is provided	150513 2AM-MEL----MainApplicationDocument-IMLE					
	g	Design drawings in plan and profile, drawn to scale, including all relevant dimensions.	Appendix D	Will be submitted to the NWB 60 days prior to construction	Will be submitted to the NWB 60 days prior to construction	Appendix D	Appendix D	
		Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Water Management Plan, April 2015, Tetratech EBA Inc.					
		Insert electronic file name of document where information is provided	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE					
	h	Details of design parameters including seismic design criteria if applicable.	s.4.5.1	n/a	s.4.5.2	s.5.2	s.5.2	
	i	In water work timing restriction for fisheries.	In water work timing restriction for fisheries will be adhered to	In water work timing restriction for fisheries will be adhered to	In water work timing restriction for fisheries will be adhered to	In water work timing restriction for fisheries will be adhered to	In water work timing restriction for fisheries will be adhered to	
	j	Start and completion dates for construction.	s.3.2	s.3.2	s.3.2	s.3.2	s.3.2	
	k	Construction schedule and sequence taking into account any timing restrictions.	s.3.2	s.3.2	s.3.2	s.3.2	s.3.2	
	l	Construction methods.	Final for construction design drawings, including a description of the construction methods, will be provided to NWB 60 days prior to construction	Final for construction design drawings, including a description of the construction methods, will be provided to NWB 60 days prior to construction	Final for construction design drawings, including a description of the construction methods, will be provided to NWB 60 days prior to construction	Final for construction design drawings, including a description of the construction methods, will be provided to NWB 60 days prior to construction	Final for construction design drawings, including a description of the construction methods, will be provided to NWB 60 days prior to construction	
	m	Equipment to be used.	A finalized list of construction equipment to be used will be provided to NWB 60 days prior to construction.	A finalized list of construction equipment to be used will be provided to NWB 60 days prior to construction.	A finalized list of construction equipment to be used will be provided to NWB 60 days prior to construction.	A finalized list of construction equipment to be used will be provided to NWB 60 days prior to construction.	A finalized list of construction equipment to be used will be provided to NWB 60 days prior to construction.	

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Meliadine Gold Project Type A Water Licence Application

6.0 (A) Proposed Water Works

	Proposed Water Facilities	Insert Section of document where information is provided If information is not available at the time of application, indicate when the information will be made available					NWB Concordance Assessment
	Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.					
	Insert electronic file name of document where information is provided	150331 2AM-MEL----MineWasteMgmtPlan					
n	A description of the source, type, and composition of material used in construction.	s. 5.	s. 5.	s. 5.	s. 5.	s. 5.	
	Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Water Management Plan, April 2015, Tetratech EBA Inc.					
	Insert electronic file name of document where information is provided	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE					
o	The quantity of material to be either placed into or removed from the watercourse.	n/a	n/a	n/a	s. 4.4.1	n/a	
p	Sedimentation and erosion control measures.	Final for construction design drawings, including sedimentation and erosion control measures, will be provided to NWB 60 days prior to construction	Final for construction design drawings, including sedimentation and erosion control measures, will be provided to NWB 60 days prior to construction	Final for construction design drawings, including sedimentation and erosion control measures, will be provided to NWB 60 days prior to construction	Final for construction design drawings, including sedimentation and erosion control measures, will be provided to NWB 60 days prior to construction	Final for construction design drawings, including sedimentation and erosion control measures, will be provided to NWB 60 days prior to construction	
	Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Environmental Management Protection Plan (EMPP), April 2015					
	Insert electronic file name of document where information is provided	150513 2AM-MEL----EnviroMgmtProtectPlan-IMLE					
	Construction monitoring plans.	s.4.2 (Tables 4.1 and 4.3)	s.4.2 (Tables 4.1 and 4.3)	s.4.2 (Table 4.3)	s.4.2 (Tables 4.1 and 4.3)	s.4.2 (Table 4.3)	
q		Construction monitoring plans will be provided to NWB 60 days prior to construction	construction monitoring plans will be provided to NWB 60 days prior to construction	construction monitoring plans will be provided to NWB 60 days prior to construction	construction monitoring plans will be provided to NWB 60 days prior to construction	construction monitoring plans will be provided to NWB 60 days prior to construction	
r	Construction quality assurance and quality control measures.	Quality assurance and quality control measures that will be implemented during construction will be provided to NWB 60 days prior to construction	Quality assurance and quality control measures that will be implemented during construction will be provided to NWB 60 days prior to construction	Quality assurance and quality control measures that will be implemented during construction will be provided to NWB 60 days prior to construction	Quality assurance and quality control measures that will be implemented during construction will be provided to NWB 60 days prior to construction	Quality assurance and quality control measures that will be implemented during construction will be provided to NWB 60 days prior to construction	
	Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Aquatic Effects Monitoring Program (AEMP) Design Plan, April 2015, Golder Associates Ltd.					
	Insert electronic file name of document where information is provided	150513 2AM-MEL----AEMP-IMLE					
s	Assessment of impacts to fish and fish habitat (see item 44 of this Section).	s3.4, and s.4 to s.8	s3.4, and s.4 to s.8	s3.4, and s.4 to s.8	s3.4, and s.4 to s.8	s3.4, and s.4 to s.8	
	Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Screening Report - Revised Project Design, April 2015, Golder Associates Ltd.					
	Insert electronic file name of document where information is provided	150513 2AM-MEL----ScreeningReport-IMLE					
s	Assessment of impacts to fish and fish habitat (see item 44 of this Section).	s. 6.	s. 6.	s. 6.	s. 6.	s. 6.	
t	Bank stabilization measures (including the size range of material if applicable).	Final for construction design drawings, including bank stabilization measures if required, will be provided to NWB 60 days prior to construction	Final for construction design drawings, including bank stabilization measures if required, will be provided to NWB 60 days prior to construction	Final for construction design drawings, including bank stabilization measures if required, will be provided to NWB 60 days prior to construction	Final for construction design drawings, including bank stabilization measures if required, will be provided to NWB 60 days prior to construction	Final for construction design drawings, including bank stabilization measures if required, will be provided to NWB 60 days prior to construction	

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6.0 (A) Proposed Water Works

	Proposed Water Facilities	Insert Section of document where information is provided If information is not available at the time of application, indicate when the information will be made available					NWB Concordance Assessment
	Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Environmental Management Protection Plan (EMPP), April 2015					
	Insert electronic file name of document where information is provided	150513 2AM-MEL----EnviroMgmtProtectPlan-IMLE					
u	Operation and maintenance plans including instrumentation, monitoring and inspection requirements.	s.4.2 (Tables 4.1 and 4.3) Where applicable, Management Plans will be updated following issuance of the licence, and will include O&M requirements including instrumentation, monitoring and inspections requirements	s.4.2 (Tables 4.1 and 4.3) Where applicable, Management Plans will be updated following issuance of the licence, and will include O&M requirements including instrumentation, monitoring and inspections requirements	s.4.2 (Table 4.3) Where applicable, Management Plans will be updated following issuance of the licence, and will include O&M requirements including instrumentation, monitoring and inspections requirements	s.4.2 (Tables 4.1 and 4.3) Where applicable, Management Plans will be updated following issuance of the licence, and will include O&M requirements including instrumentation, monitoring and inspections requirements	s.4.2 (Table 4.3) Where applicable, Management Plans will be updated following issuance of the licence, and will include O&M requirements including instrumentation, monitoring and inspections requirements	
	Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Spill Contingency Plan (April 2015)					
	Insert electronic file name of document where information is provided	150513 2AM-MEL----SpillContingencyPlan -IMLE					
v	Contingency plans.	s.6, s.7, s.8	s.6, s.7, s.8	s.6, s.7, s.8	s.6, s.7, s.8	s.6, s.7, s.8	
	Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Preliminary Closure and Reclamation Plan, April 2015, Golder Associates Ltd.					
	Insert electronic file name of document where information is provided	150513 2AM-MEL----PrelimClosurePlan-IMLE					
w	Re-vegetation plans	s.5.2.9	s.5.2.9	s.5.2.9	s.5.2.9	s.5.2.9	
x	Proposed post construction monitoring (photos taken of the site before construction, during construction, and after construction; photos should be taken from the same reference point for easy comparison)	Licence Annual Report	Licence Annual Report	Licence Annual Report	Licence Annual Report	Licence Annual Report	
	Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Preliminary Closure and Reclamation Plan, April 2015, Golder Associates Ltd.					
	Insert electronic file name of document where information is provided	150513 2AM-MEL----PrelimClosurePlan-IMLE					
y	Abandonment and restoration plans (see items 45-49 of Section 3).	s.5.2.9	s.5.2.9	s.5.2.9	s.5.2.9	s.5.2.9	
	Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Type A Water Licence Main Application Document, April 2015					
	Insert electronic file name of document where information is provided	150513 2AM-MEL----MainApplicationDocument-IMLE					
36	Final plans and drawings for construction must be stamped by a Professional Engineer licensed to practice in Nunavut. (See Section 7 of the NWB's Guide 4: Completing and Submitting a Water Licence Application for more information regarding design drawings).	Appendix D; Final for construction design drawings stamped by a Professional Engineer licensed to practice in Nunavut will be provided to NWB 60 days prior to construction					
37	If geotextile is used or a similar material to prevent the transport of sediment into a watercourse, provide the technical specifications for the proposed material as well as the location, extent and placement method for the material.	Final for construction design drawings, including technical specifications, location, extent and placement methods for any geotextile, will be provided to NWB 60 days prior to construction	Final for construction design drawings, including technical specifications, location, extent and placement methods for any geotextile, will be provided to NWB 60 days prior to construction	Final for construction design drawings, including technical specifications, location, extent and placement methods for any geotextile, will be provided to NWB 60 days prior to construction	Final for construction design drawings, including technical specifications, location, extent and placement methods for any geotextile, will be provided to NWB 60 days prior to construction	Final for construction design drawings, including technical specifications, location, extent and placement methods for any geotextile, will be provided to NWB 60 days prior to construction	
38	If rip rap is used or a similar material for erosion protection, provide information regarding the minimum and maximum sizes of the material and the gradation between those limits. Indicate the quantity to be used and its source.	Final for construction design drawings, including technical specifications, quantities and source for any rip rap, will be provided to NWB 60 days prior to construction	Final for construction design drawings, including technical specifications, quantities and source for any rip rap, will be provided to NWB 60 days prior to construction	Final for construction design drawings, including technical specifications, quantities and source for any rip rap, will be provided to NWB 60 days prior to construction	Final for construction design drawings, including technical specifications, quantities and source for any rip rap, will be provided to NWB 60 days prior to construction	Final for construction design drawings, including technical specifications, quantities and source for any rip rap, will be provided to NWB 60 days prior to construction	

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7.0 Waste Disposal: Quality, Quantity, Predicted Environmental Impact and Proposed Mitigation Measures

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
Waste Disposal	**1**	Provide a detailed description of all types of waste and all forms of waste disposal including: (see the NWB definition of Waste in the NWB *Guide 2: Terminology and Definitions*)	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s. 4.2.7, s. 7.1 to 78	n/a	
					Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s2.6, s2.7	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL---- MineWasteMgmtPlanCPLT-IMLE	Full document	n/a	
					Landfill and Waste Management Plan, April 2015	150513 2AM-MEL---- LandfillWasteMgmtPlan-IMLE	Full document	n/a	
					Incineration Management Plan, April 2015	150513 2AM-MEL---- IncinerationMgmtPlan - IMLE	s.7	n/a	
	a	Sewage	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s.4.2.7.4, s.6.6	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- WaterMgmtPlanCPLT-IMLE	s.4.5.2	n/a	
					Landfill and Waste Management Plan, April 2015	150513 2AM-MEL---- LandfillWasteMgmtPlan-IMLE	s. 4	n/a	
	b	Grey water	n/a	no separate greywater discharge; treated as a component of domestic sewage waste	(see item 1a above)	(see item 1a above)	(see item 1a above)	n/a	
	c	Solid waste	Y	n/a	Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL---- MineWasteMgmtPlanCPLT-IMLE	s.6, s.7	n/a	
					Landfill and Waste Management Plan, April 2015	150513 2AM-MEL---- LandfillWasteMgmtPlan-IMLE	Full document	n/a	
	d	Sludge	Y	n/a	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- WaterMgmtPlanCPLT-IMLE	s.4.4.10 s.4.4.11	n/a	
					Landfill and Waste Management Plan, April 2015	150513 2AM-MEL---- LandfillWasteMgmtPlan-IMLE	s. 4	n/a	
					Incineration Management Plan, April 2015	150513 2AM-MEL---- IncinerationMgmtPlan - IMLE	s.6.2	n/a	
	e	Hazardous waste including waste oil	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s. 7.8, s.4.2.7.2	n/a	
					Incineration Management Plan, April 2015	150513 2AM-MEL---- IncinerationMgmtPlan - IMLE	s.2, s.5.2, s.7	n/a	

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7.0 Waste Disposal: Quality, Quantity, Predicted Environmental Impact and Proposed Mitigation Measures

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
					Hazardous Material Management Plan, April 2015	150513 2AM-MEL----HazardousMtlMgmtPlan-IMLE	Full document	n/a	
	f	Contaminated soil, snow, ice and/or water	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.4.2.7.3 s.7.7 s.7.8	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.4 and s.6	n/a	
					Landfill and Waste Management Plan, April 2015	150513 2AM-MEL----LandfillWasteMgmtPlan-IMLE	s.5.3 and s.5.4	n/a	
					Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3	n/a	
	g	Bulky items/ scrap metal	Y	n/a	Landfill and Waste Management Plan (April 2015)	150513 2AM-MEL----LandfillWasteMgmtPlan-IMLE	s. 4 (bulky items) s.4.1 (scrap metal)	n/a	
					Preliminary Closure and Reclamation Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----PrelimClosurePlan-IMLE	s.5.2.5.3 (Table 16) s.5.2.6.3 (Table 17)	n/a	
	h	Mill or processing plant waste	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.6.3, s.6.4	n/a	
					Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s.2, s.2.4.1, s.2.5.6	n/a	
	i	Mine water	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.4.2.5, s.4.2.7.7, s.6.3, s.6.7	n/a	
					Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s.2. (generic info. contact water will be intercepted, collected, conveyed to storage facilities and re used or treated (if needed). Table 2.1 (Water management activities, including contact water) s.2.3.6 (reference to Mine Water Management Plan). s.2.2.5, s.2.4, s.2.5.3, s.2.5.6, s.2.6.4, s.2.7.3	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.4 to s.6	n/a	

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7.0 Waste Disposal: Quality, Quantity, Predicted Environmental Impact and Proposed Mitigation Measures

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL---- MineWasteMgmtPlanCPLT-IMLE	s.7	n/a	
	j	Dredged material	n/a	not a project component	n/a	n/a	n/a	n/a	
	k	Discharge from dewatered areas	Y	n/a	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- WaterMgmtPlanCPLT-IMLE	s.4.4.1	n/a	
	l	Other: (describe) groundwater	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s. 6.7	n/a	
					Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s.2 (Table 2.1) s.2.3.3 Management Plan).	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- WaterMgmtPlanCPLT-IMLE	Appendix F	n/a	
Waste Disposal: Quality and Quantity	**2**	For each type of waste, provide the composition, chemical characteristics and quantity generated. Also provide the location, rate, timing, frequency and duration of the deposit.	Y	n/a	Cover Letter, April 2015	150513 2AM-MEL----Cover LtrApplicationForm	Attachment A , Table 2	n/a	
					Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s.2.6 Waste Rock s.2.7. Tailings Storage Facility	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- WaterMgmtPlanCPLT-IMLE	s.7 (quantity) s.8 (quality)	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL---- MineWasteMgmtPlanCPLT-IMLE	s.3.2, s.4	n/a	
					Landfill and Waste Management Plan, April 2015	150513 2AM-MEL---- LandfillWasteMgmtPlan-IMLE	s.1.2, s.1.3, s.4.5	n/a	
					Landfarm Management Plan, April 2015	150513 2AM-MEL---- LandfarmMgmtPlan-IMLE	s.2, s.3.1	n/a	
	3	For each type of waste, provide the proposed methods and processes for collecting, storing, treating and discharging the waste. Indicate the capacity of these facilities.	Y	n/a	Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s.2.6 Waste Rock s.2.7. Tailings Storage Facility	n/a	
					Ore Storage Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- OreMgmtPlanCPLT-IMLE	s.6	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL---- MineWasteMgmtPlanCPLT-IMLE	s.3.2, s.5, s.6, s.7	n/a	
					Landfill and Waste Management Plan, April 2015	150331 2AM-MEL---- LandfillWasteMgmtPlan	s.4.2 and s.4.3	n/a	
					Incineration Management Plan, April 2015	150513 2AM-MEL---- IncinerationMgmtPlan - IMLE	s.6 and s.7	n/a	

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7.0 Waste Disposal: Quality, Quantity, Predicted Environmental Impact and Proposed Mitigation Measures

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
					Incineration Management Plan, April 2015	150513 2AM-MEL---- IncinerationMgmtPlan - IMLE	s.6 and s.7	n/a	
					Landfarm Management Plan, April 2015	150513 2AM-MEL---- LandfarmMgmtPlan-IMLE	s.3	n/a	
	4	Provide a description of any measures to minimize the production of wastes.	Y	n/a	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- WaterMgmtPlanCPLT-IMLE	s.5.4	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL---- MineWasteMgmtPlanCPLT-IMLE	s.5.2, s.6.7, s.7.1, s.8	n/a	
					Landfill and Waste Management Plan, April 2015	150513 2AM-MEL---- LandfillWasteMgmtPlan-IMLE	s.4.1	n/a	
Identification	**5**	Indicate whether there are signs identifying any past or present wastewater disposal sites, solid waste disposal sites, or any other waste disposal sites presently in the project area.	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL---- LandfarmMgmtPlan-IMLE	s 1.6	n/a	
					Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s.4.2.1	n/a	
Modifications	**6**	Indicate whether any changes are planned for the wastewater, solid waste, or any other waste facilities. If applicable, see item 7 of this Section.	n/a	new development	n/a	n/a	n/a	n/a	
Proposed waste facilities	**7**	For each proposed waste facility provide design plans. The designs shall consider the following:	Y	n/a	(see tab 7.0(A) for concordance)	(see tab 7.0(A) for concordance)	(see tab 7.0(A) for concordance)	n/a	
	8	Final plans and drawings for construction must be stamped by a Professional Engineer licensed to practice in Nunavut. (See Section 7 of the NWB's *Guide 4: Completing and Submitting a Water Licence Application* for more information regarding design drawings).	Y	n/a	(see tab 7.0(A) for concordance)	(see tab 7.0(A) for concordance)	(see tab 7.0(A) for concordance)	n/a	
	9	Provide an assessment of alternatives for any proposed tailings containment facility.	Y	n/a	Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s.2.7	n/a	
					Final Environmental Impact Statement, SD 2-2, April 2014	SD 2-2 TSF Assessment	Full document	n/a	
	10	Provide a description of the general condition of any existing waste facilities and provide an explanation if it is unsatisfactory.	n/a	new development	n/a	n/a	n/a	n/a	

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7.0 Waste Disposal: Quality, Quantity, Predicted Environmental Impact and Proposed Mitigation Measures

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
Predicted Environmental Effects and Proposed mitigation measures	**11**	Provide detailed treatment plans for discharges from any tailings containment area, attenuation pond, reclaim pond, sewage disposal area, sumps or dewatered area. Water treatment plans should include estimates of treatment efficiency for each parameter of concern and a description of pH adjustment methods.	Y	n/a	Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s.2.7.1 s.2.1 (Table 2.1) for dewatered areas, and sewage water from sewage treatment plant to CP1 s.2.2.5 s.2.5.3 Surface Water Treatment Plant and Actiflo system for TSS removal	n/a	
					Borrow Pits and Quarries Management Plan (April 2015)	150513 2AM-MEL---- BorrowQuarriesMgmtPlan-IMLE	s.2.2	n/a	
	12	Clearly outline proposed discharge criteria, how the criteria were developed, standards to be applied, and how these criteria will be used to prevent ecological effects in the receiving environment.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s.6.10.2	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- WaterMgmtPlanCPLT-IMLE	Appendix H	n/a	
					Aquatic Effects Monitoring Program (AEMP) Design Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----AEMP-IMLE	Full Document, s. 9 contains reference list	n/a	
	13	If waste is expected to infiltrate into the ground, provide a description of the sub-surface soil compositions and provide information on groundwater elevations for the project area. Also provide the proximity between the proposed waste disposal system and the groundwater elevation.	Y	n/a	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- WaterMgmtPlanCPLT-IMLE	s.5.5	n/a	
	14	Provide a discussion of the consequences of long-term stratification in any pit lakes and associated contingency plans.	Y	n/a	n/a	n/a	n/a	If applicable, will be fully assessed for prior to final closure	
	15	Provide detailed contingency plans for the treatment of turbid water during dewatering activities and/or increased suspended solids during any rewatering activities.			Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s.2.5.3 Surface Water Treatment Plant and Actiflo system for TSS removal will be installed during construction to manage turbid water.	Where applicable, Management Plans will be updated following issuance of the licence and take into account O&M requirements	

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7.0 Waste Disposal: Quality, Quantity, Predicted Environmental Impact and Proposed Mitigation Measures

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
			Y	n/a	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- WaterMgmtPlanCPLT-IMLE	s. 6.1, Appendix H	Water quality of the pit lakes will be monitored and will not be connected to the outside environment until water quality criteria (to be defined during the Application process) are met, including turbidity. Turbidity and TSS are anticipated to settle with time in the pits.	
Operations and Maintenance	**16**	Provide operation and maintenance plans for any tailings containment areas.	Y	n/a	Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL---- MineWasteMgmtPlanCPLT-IMLE	s.10.2	n/a	
					Environmental Management Protection Plan (EMPP), April 2015	150513 2AM-MEL---- EnviroMgmtProtectPlan-IMLE	s.4.2 (Table 4-3)	n/a	
	17	If the project includes sewage and/or solid waste disposal, provide an Operations and Maintenance Manual in accordance with the "Guidelines for the Preparation of an Operations and Maintenance Manual for Sewage and Solid Waste Disposal Facilities in the Northwest Territories, 1996".	n/a	Applicable to municipal water licensing	n/a	n/a	n/a	If applicable, as directed by the NWB, AEM will prepare and submit an Operations and Maintenance Plan" following issuance of the licence	
Hazardous Materials	**18**	Provide a description of the type and quantities of drill additives, mill reagents, petroleum products, chemicals and/or hazardous materials on site. (MSDS sheets are not required to be submitted as part of the water licence application).	Y	n/a	Hazardous Material Management Plan (April 2015)	150513 2AM-MEL---- HazardousMtlMgmtPlan-IMLE	s.5, s.6	n/a	
					Explosives Management Plan (April 2015)	150513 2AM-MEL---- ExplosivesMgmtPlan-IMLE	s.2.3	n/a	
					Spill Contingency Plan (April 2015)	150513 2AM-MEL---- SpillContingencyPlan -IMLE	s.3	n/a	
	19	Provide details regarding the handling and storage of hazardous or potentially hazardous materials.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s. 7.8	n/a	
					Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s.2.5.4 Mill reagents s.2.3.5. Explosive Magazine Storage Bay	n/a	
					Preliminary Closure and Reclamation Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL---- PrelimClosurePlan-IMLE	s.5.2.8	n/a	
					Risk Management and Emergency Response Plan (April 2015)	150513 2AM-MEL---- RiskMgmtEmergRespPlan -IMLE	s.4	n/a	

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7.0 Waste Disposal: Quality, Quantity, Predicted Environmental Impact and Proposed Mitigation Measures

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
					Hazardous Material Management Plan (April 2015)	150513 2AM-MEL----HazardousMtlMgmtPlan-IMLE	s.2.1, s2.3, s.3.3, s.3.5, s.4.4, s.5.2, s.5.3.1, s.5.4, s.5.5, s.6, s.7.2	n/a	
					Explosives Management Plan (April 2015)	150513 2AM-MEL----ExplosivesMgmtPlan-IMLE	s.2.1, s.2.2, s.2.5, s.3	n/a	
					Spill Contingency Plan (April 2015)	150513 2AM-MEL----SpillContingencyPlan -IMLE	s.3	n/a	
Emergency Response and Spill Contingency	**20**	Provide designs for the fuel tank farm facilities including a description of the nearest water bodies. Provide an evaluation of impacts and mitigation measures in case of a fuel spill.	Y	n/a	(see tab 7.0(A) for concordance)	(see tab 7.0(A) for concordance)	(see tab 7.0(A) for concordance)	n/a	
	21	Provide an Emergency Response and Spill Contingency Plan (ERSCP) that includes mechanisms and processes for addressing potential or actual failure of structures, response equipment and material storage, and programs for providing appropriate training to workers. The plan shall address all licensed facilities.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 7.8.4	n/a	
					Risk Management and Emergency Response Plan (April 2015)	150513 2AM-MEL----RiskMgmtEmergRespPlan -IMLE	s.4	n/a	
					Spill Contingency Plan (April 2015)	150513 2AM-MEL----SpillContingencyPlan -IMLE	All document	n/a	
	22	Plan(s) shall address phases of the project including construction, operation, and care & maintenance.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 4, 6, and 7	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.4, s.5 and s.6	n/a	
					Risk Management and Emergency Response Plan (April 2015)	150513 2AM-MEL----RiskMgmtEmergRespPlan -IMLE	Full document	n/a	
					Preliminary Closure and Reclamation Plan, April 2015, Golder Associates Ltd.	n/a	n/a	n/a	
	23	Provide an explanation of how the applicant will ensure project contractors meet the applicant's due diligence standards with respect to oil and hazardous material spill prevention, preparedness, response, and restoration.	Y	n/a	Risk Management and Emergency Response Plan, April 2015	150513 2AM-MEL----RiskMgmtEmergRespPlan -IMLE	s.1.3.5 s.4.1.5 s.4.4,	n/a	
					Hazardous Material Management Plan, April 2015	150513 2AM-MEL----HazardousMtlMgmtPlan-IMLE	s.3.1, s.3.2, s.9	n/a	
					Spill Contingency Plan, April 2015	150513 2AM-MEL----SpillContingencyPlan -IMLE	s.1.2, s.4	n/a	
					Environmental Management Protection Plan (EMPP), April 2015	150513 2AM-MEL----EnviroMgmtProtectPlan-IMLE	s.3.2, s.4.2.3	n/a	

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7.0 Waste Disposal: Quality, Quantity, Predicted Environmental Impact and Proposed Mitigation Measures

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
Studies	**24**	Provide a list of studies, reports and plans relevant to the application that have been undertaken to date including design and management decisions. Studies, reports and plans may include:	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s. 2	n/a	
	a	Options analysis.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s.2.3	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- WaterMgmtPlanCPLT-IMLE	Appendix F - Hatch study	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL---- MineWasteMgmtPlanCPLT-IMLE	s.3.2.1, s.3.2.2, s.6.1	n/a	
					Landfarm Management Plan, April 2015	150513 2AM-MEL---- LandfarmMgmtPlan-IMLE	s.4.2	n/a	
					Final Environmental Impact Statement, SD 2-1,SD 2-2, April 2014	SD 2-1 Project Alternatives SD 2-2 TSF Assessment	SD 2-1: All document SD 2-2: All document	n/a	
	b	Geotechnical and geothermal assessment;	Y	n/a	Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s2.5.5 (for ore processing) s.2.2.3 (pit) s.2.3.3 (underground mining)	n/a	
					Ore Storage Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- OreMgmtPlanCPLT-IMLE	s.2.5	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL---- MineWasteMgmtPlanCPLT-IMLE	s.2.3, s.2.5	n/a	
					Final Environmental Impact Statement, SD 2-4 (A, B, C) and SD 6-1, April 2014	SD 2-4A 2011 Geotechnical Factual SD 2-4B Geotechnical Factual SD 2-4C Grenon Hadjigeorgiou Preliminary Stope Stability Assessment SD 6-1 Permafrost Baseline Studies	SD 2-4 (A,B,C) All document SD 6-1: s.3, s.4, s.6, s.7	n/a	
	c	Water quality modeling;	Y	n/a	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- WaterMgmtPlanCPLT-IMLE	s.8 and Appendix G	n/a	
	d	Snow drift assessments;	Y	n/a	Final Environmental Impact Statement, SD 7-1, April 2014	SD 7-1 Aquatic Synthesis 1994-2009	Appendix A4	n/a	
	e	Permafrost protection;			Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL---- MineWasteMgmtPlanCPLT-IMLE	s.2.3 and Figure 2.1 (Appendix A)	n/a	

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7.0 Waste Disposal: Quality, Quantity, Predicted Environmental Impact and Proposed Mitigation Measures

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
			Y	n/a	Preliminary Closure and Reclamation Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL---- PrelimClosurePlan-IMLE	s.3.1.1, s.3.1.2, s.3.2.4, s.3.2.7, s.5.2.3.7, s.5.2.3.8, s.5.2.4.3, s.5.2.4.8, s.5.2.7.1	n/a	
					Environmental Management Protection Plan (EMPP), April 2015	150513 2AM-MEL---- EnviroMgmtProtectPlan-IMLE	s.4.2 (Table 4-3)	n/a	
	f	Mine waste and water management;	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s.4.2.7, s.6, 7.2 to 7.8	n/a	
					Mine Plan, April 2015	150513 2AM-MEL---- Mine Plan-IMLE	s.2.6, s.2.7	A list of all plans submitted with the application is provided in Tab 9.0 . Studies used to support the design of these reports and plans are listed in the full reference lists attached to each plan.	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL---- WaterMgmtPlanCPLT-IMLE	Full document, reference list	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL---- MineWasteMgmtPlanCPLT-IMLE	Full document	n/a	
					Environmental Management Protection Plan (EMPP), April 2015	150513 2AM-MEL---- EnviroMgmtProtectPlan-IMLE	Full document	n/a	
	g	Landfill management;	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s. 4.2.7.1, s. 7.5	n/a	
					Landfill and Waste Management Plan, April 2015	150513 2AM-MEL---- LandfillWasteMgmtPlan-IMLE	Full document, reference list	n/a	
					Environmental Management Protection Plan (EMPP), April 2015	150513 2AM-MEL---- EnviroMgmtProtectPlan-IMLE	s.4.2 (Tables 4-1 and 4-3)	n/a	

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7.0 Waste Disposal: Quality, Quantity, Predicted Environmental Impact and Proposed Mitigation Measures

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
	h	Landfarm management;	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s.4.2.7.3, s.7.7	n/a	
					Landfarm Management Plan (April 2015)	150513 2AM-MEL---- LandfarmMgmtPlan-IMLE	Full document, reference list	n/a	
					Environmental Management Protection Plan (EMPP), April 2015	150513 2AM-MEL---- EnviroMgmtProtectPlan-IMLE	s.4.2 (Tables 4-1 and 4-3)	n/a	
	i	Quarry Management;	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s.4.2.8.3, s. 7.10	n/a	
					Borrow Pits and Quarries Management Plan, April 2015	150513 2AM-MEL---- BorrowQuarriesMgmtPlan-IMLE	Full document, reference list	A list of all plans submitted with the application is provided in Tab 9.0. Studies used to support the design of these reports and plans are listed in the full reference lists attached to each plan.	
					Environmental Management Protection Plan (EMPP), April 2015	150513 2AM-MEL---- EnviroMgmtProtectPlan-IMLE	s.4.2 (Table 4-3)	n/a	
	j	Incineration management;	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s.4.2.7.2, s. 7.6	n/a	
					Incineration Management Plan, April 2015	150513 2AM-MEL---- IncinerationMgmtPlan - IMLE	Full document	n/a	
	k	Hazardous waste management;	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL---- MainApplicationDocument-IMLE	s. 7.8	n/a	
					Hazardous Material Management Plan, April 2015	150513 2AM-MEL---- HazardousMtlMgmtPlan-IMLE	Full document	n/a	
					Explosives Management Plan, April 2015	150513 2AM-MEL---- ExplosivesMgmtPlan-IMLE	Full document	n/a	
	l	Operation and maintenance plan;	Y	n/a	Environmental Management Protection Plan (EMPP) (April 2015)	150513 2AM-MEL---- EnviroMgmtProtectPlan-IMLE	s.4.2 (Table 4.3)	The EMPP provides for operational inspections. Where applicable, Management Plans will be updated following issuance of the licence, and will include O&M requirements including instrumentation, monitoring and inspections requirements	

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7.0 Waste Disposal: Quality, Quantity, Predicted Environmental Impact and Proposed Mitigation Measures

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
	m	Inspection plan (see Section 8);	Y	n/a	(see tab 8.0 for concordance)	(see tab 8.0 for concordance)	(see tab 8.0 for concordance)	n/a	
	n	Tailings monitoring (see Section 8);	Y	n/a	(see tab 8.0 for concordance)	(see tab 8.0 for concordance)	(see tab 8.0 for concordance)	n/a	
	o	Mine site water quality monitoring (see Section 8);	Y	n/a	(see tab 8.0 for concordance)	(see tab 8.0 for concordance)	(see tab 8.0 for concordance)	n/a	
	p	Receiving water quality monitoring (see Section 8);	Y	n/a	(see tab 8.0 for concordance)	(see tab 8.0 for concordance)	(see tab 8.0 for concordance)	n/a	
	q	Aquatic effects monitoring (see Section 8);	Y	n/a	(see tab 8.0 for concordance)	(see tab 8.0 for concordance)	(see tab 8.0 for concordance)	n/a	
	r	Geotechnical and structural monitoring (see Section 8);	Y	n/a	(see tab 8.0 for concordance)	(see tab 8.0 for concordance)	(see tab 8.0 for concordance)	n/a	
	s	Quality assurance and quality control plan	Y	n/a	Quality Assurance/Quality Control Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----QAQCPlan-IMLE	Full document	n/a	
	t	Spill contingency and emergency response plans;	Y	n/a	Spill Contingency Plan, April 2015	150513 2AM-MEL----SpillContingencyPlan -IMLE	Full document	n/a	
					Risk Management and Emergency Response Plan, April 2015	150513 2AM-MEL----RiskMgmtEmergRespPlan -IMLE	Full document	n/a	
					Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 7.8.3	n/a	
	u	Preliminary abandonment and reclamation plans for existing and proposed facilities;	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 7.11	n/a	
					Preliminary Closure and Reclamation Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----PrelimClosurePlan-IMLE	s.5,s.6,s.7,s.8,s.9	n/a	
	v	Final abandonment and reclamation plans for facilities to be closed;	Y	n/a	Preliminary Closure and Reclamation Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----PrelimClosurePlan-IMLE	s. 5	A final abandonment and reclamation plan is typically required at least one year/12 months prior to expected end of mining	
					Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 7.11	n/a	
	w	Remediation plans for waste disposal infrastructure;	Y	n/a	Preliminary Closure and Reclamation Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----PrelimClosurePlan-IMLE	s.5.2.3, s.5.2.4, s.5.2.8 s.6.2.3, s.6.2.4, s.6.2.8	n/a	
	x	Human health and ecological risk assessment for establishment of remediation objectives for closure;	n/a	Typically Licence Term and Condition	n/a	n/a	n/a	Typically required at least one year/12 months prior to expected end of mining	

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7.0 Waste Disposal: Quality, Quantity, Predicted Environmental Impact and Proposed Mitigation Measures

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
	y	Construction plan and construction schedule for waste management infrastructure;	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 4.1.1, Appendix A - Figure 4.1, Appendix B-Table 4.1	n/a	
	z	Implementation schedule for construction of works, submission of studies and mitigation plans for operations and closure;	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 2, s. 4.1.1, Appendix A - Figure 4.1, Appendix B-Table 4.1	A list of all plans submitted with the application is provided in Tab 9.0. Mitigation measures are provided in each plan.	

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7.0 (A) Proposed Waste Disposal Facilities

		Proposed Waste Facilities	Insert Section of document where information is provided						NWB Concordance Assessment
			If information is not available at the time of application, indicate when the information will be made available						
		Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Water Management Plan, April 2015, Tetratech EBA Inc.			Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.			
		Insert electronic file name of document where information is provided	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE			150513 2AM-MEL----MineWasteMgmtPlan-IMLE			
Section Title	**Section No.**	**Information Requirement**	**Effluent Water Treatment Plant**	**Sewage Treatment Plant**	**Discharge Diffuser**	**Waste Rock Facilities**	**Overburden**	**Tailings Storage Facility**	
	7	Provide design plans for the waste facility. The designs shall consider the following:	Final for construction design plans (FD) will be submitted 60 days prior to construction; for further details see Main Application Document, Appendix A Fig. 4-1 for construction schedule						
	a	Site photos, site map, or air photos of the site.	Figure 1.2	Figure 1.2	Figure 1.2	Fig.1.2, and Fig.5.1 to 5.14	Fig.1.2, and Fig.5.1 to 5.14	Fig.1.2	
	b	Description of the existing condition of the site	s. 2	s. 2	s. 2	s. 2	s. 2	s. 2	
	c	A description of the types of waste entering the facility (if applicable, provide a description of the source, type, and quantity of the waste);	Appendix D, Appendix G, Appendix H	s.4.5.2 , Appendix G, Appendix H	n/a	s.3.2, s.5.2	s.3.2, s.5.4	s.3.2	
	d	The concentration of waste entering the facility;	s.8.4 and Appendix D	s.4.6.2	n/a	s. 5.3s. 5.4	s. 5.4	s. 6.4	
	e	The geochemical characterization of waste entering the facility, where applicable (ie. tailings solids);	n/a	n/a	n/a	s.4.1	s.4.2	s.4.3	
	f	Distance of the facility from watercourses and fish bearing waters.	Appendix A Fig. 1.2	Appendix A Fig. 1.2	Appendix A Fig. 1.2	s.5.2., Appendix A Fig. 5.1	s.5.2., Appendix A Fig. 5.1	s.6.2 , Appendix A Fig. 5.1	
	g	All sources of seepage encountered near watercourse and fish bearing waters as well as the volumes (m3/day) and direction of any seepage;	n/a	n/a	n/a	7.1.1	7.1.1	7.1.2	
		Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Water Management Plan, April 2015, Tetratech EBA Inc.						
		Insert electronic file name of document where information is provided	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE						
	g	All sources of seepage encountered near watercourse and fish bearing waters as well as the volumes (m3/day) and direction of any seepage;	n/a	n/a	n/a	Appendix G, s.3	Appendix G, s.3	Appendix G, s.3	
		Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Water Management Plan, April 2015, Tetratech EBA Inc.			Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.			
		Insert electronic file name of document where information is provided	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE			150513 2AM-MEL----MineWasteMgmtPlan-IMLE			
	h	Existing and proposed drainage modifications.	n/a	n/a	n/a	s.7.1.1 and Fig. 5.2 to 5.15	Fig.5.2 to 5.15	s.7.1.2 and Fig. 5.2 to 5.15	
	i	Details of retaining structures.	n/a	n/a	n/a	n/a	n/a	s.3.1.2	
		Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Mine Plan (April 2015)						
		Insert electronic file name of document where information is provided	150513 2AM-MEL---- Mine Plan-IMLE						
	j	Level of treatment (primary, secondary or tertiary).	s. 2.5.3	s. 4.5.2	n/a	n/a	n/a	n/a	
	k	By products of treatment which may require further treatment, characterization, handling and disposal.	s.4.4.10 (outlines by products from the process plant requiring discharge)	n/a	n/a	n/a	n/a	n/a	

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7.0 (A) Proposed Waste Disposal Facilities

	Proposed Waste Facilities	Insert Section of document where information is provided If information is not available at the time of application, indicate when the information will be made available						NWB Concordance Assessment
	Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Mine Plan (April 2015)	Water Management Plan, April 2015, Tetratech EBA Inc.		Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.			
	Insert electronic file name of document where information is provided	150513 2AM-MEL----Mine Plan-IMLE	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE		150513 2AM-MEL----MineWasteMgmtPlan-IMLE			
l	Capacity and retention time of the facility;	s. 2.5.3	s.4.5.2	Appendix E, s. 2	s.5.1 and s.5.3	s.5.1 and s.5.3	s.6.4	
	Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Water Management Plan, April 2015, Tetratech EBA Inc.						
	Insert electronic file name of document where information is provided	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE						
m	Identification of final discharge point (last point of control).	Fig. 1.2, s. 9.1,	s.4.5.2	Appendix E, Fig. 1	n/a	n/a	n/a	
m	Estimated rates for discharge.	s. 2.5.3	s.4.5.2	Appendix E, s. 2	n/a	n/a	n/a	
	Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Type A Water Licence Main Application Document, April 2015	Water Management Plan, April 2015, Tetratech EBA Inc.					
	Insert electronic file name of document where information is provided	150513 2AM-MEL----MainApplicationDocument-IMLE	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE					
n	Method and type of discharge (seasonal, annual, continuous) including details of all decant, siphon mechanisms etc.	6.5	s. 4.5.2	Appendix E, Table 2.2.-1	n/a	n/a	n/a	
	Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Water Management Plan, April 2015, Tetratech EBA Inc.						
	Insert electronic file name of document where information is provided	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE						
p	Restrictions on discharge.	Appendix H	n/a	n/a	n/a	n/a	n/a	
q	Discharge effluent criteria proposed;	Appendix H	n/a	n/a	n/a	n/a	n/a	
r	Receiving water quality objectives.	Appendix H	n/a	n/a	n/a	n/a	n/a	
	Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Type A Water Licence Main Application Document, April 2015						
	Insert electronic file name of document where information is provided	150513 2AM-MEL----MainApplicationDocument-IMLE						
s	Capacity of the receiving environment;	s. 4.2.4.3	n/a	n/a	n/a	n/a	n/a	
t	Details regarding direction and path of wastewater flow from the area or infrastructure.	Figure 1.2	Figure 1.2	n/a	s. 7.3	s. 7.4	s. 7.2	
	Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Mine Plan (April 2015)		Water Management Plan, April 2015, Tetratech EBA	Type A Water Licence Main Application Document, April 2015			
	Insert electronic file name of document where information is provided	150513 2AM-MEL----Mine Plan-IMLE		150513 2AM-MEL----MainApplicationDocumen	150513 2AM-MEL----MainApplicationDocument-IMLE			
u	Design drawings in plan and profile, drawn to scale, including all relevant dimensions.	Figure 2.3.2 and 2.3.3	Will be provided to the NWB 60 days prior to construction.	Appendix E, Fig. 2	Appendix D	Appendix D	Appendix D	
	Insert Title, Author and Date of Document where information is provided (unless otherwise specified)				Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.			

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7.0 (A) Proposed Waste Disposal Facilities

	Proposed Waste Facilities	Insert Section of document where information is provided If information is not available at the time of application, indicate when the information will be made available						NWB Concordance Assessment
	Insert electronic file name of document where information is provided				150513 2AM-MEL----MineWasteMgmtPlan-IMLE			
v	Details of design parameters including seismic design if applicable.	n/a	n/a	n/a	s.5.2	s. 5.2	s.6.2, s.6.3	
	Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Water Management Plan, April 2015, Tetratech EBA Inc.			Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.			
	Insert electronic file name of document where information is provided	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE			150513 2AM-MEL----MineWasteMgmtPlan-IMLE			
w	Start and completion dates for construction.	s.3.2	s.3.2	s.3.2	s.1.4	s.1.4	s.1.4	
	Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Type A Water Licence Main Application Document, April 2015						
	Insert electronic file name of document where information is provided	150513 2AM-MEL----MainApplicationDocument-IMLE						
x	Construction schedule and sequence taking into account any timing restrictions.	Appendix A - Figure 4.1; Appendix B- Table 4.1						
y	Construction methods.	Where applicable, final for construction design drawings, including a description of the construction methods and equipment, will be provided to NWB 60 days prior to construction						
z	Equipment to be used.							
aa	A description of the source, type, and composition of the material to be used in construction.	All designs will be provided to NWB 60 days prior to construction						
bb	Construction monitoring plans.	Where applicable, construction management and quality assurance and quality control plans will be provided to NWB 60 days prior to construction						
cc	Construction quality assurance and quality control measures.							
dd	Operation and maintenance plans.	Where applicable, Management Plans will be updated following issuance of the licence and take into account O&M requirements						
	Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Spill Contingency Plan (April 2015)						
	Insert electronic file name of document where information is provided	150513 2AM-MEL----SpillContingencyPlan -IMLE						
ee	Contingency plans.	s.6, s.7, s.8	s.6, s.7, s.8	s.6, s.7, s.8	s.6, s.7, s.8	s.6, s.7, s.8	s.6, s.7, s.8	
	Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Preliminary Closure and Reclamation Plan, April 2015, Golder Associates Ltd.						
	Insert electronic file name of document where information is provided	150513 2AM-MEL----PrelimClosurePlan-IMLE						
ff	Abandonment and restoration plans (see items 45-49 of Section 3).	s.5.2.9	s.5.2.9	s.5.2.9	s.5.2.3	s.5.2.3	s.5.2.4	
	Insert Title, Author and Date of Document where information is provided (unless otherwise specified)	Mine Plan (April 2015)		Water Management Plan, April 2015, Tetratech EBA Inc.	Type A Water Licence Main Application Document, April 2015			
	Insert electronic file name of document where information is provided	150513 2AM-MEL---- Mine Plan-IMLE		150513 2AM-MEL---- MainApplicationDocumen	150513 2AM-MEL----MainApplicationDocument-IMLE			
8	Final plans and drawings for construction must be stamped by a Professional Engineer licensed to practice in Nunavut. (See Section 7 of the NWB's Guide 4: Completing and Submitting a Water license Application for more information regarding design drawings).	Figure 2.3.2 and 2.3.3	Will be provided to the NWB 60 days prior to construction.	Appendix E, Fig. 2 (stamp provided on signature page)	Appendix D	Appendix D	Appendix D	

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7.0 (B) Proposed Waste Disposal Facilities - Landfarm

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
Waste Disposal	**1**	Provide a detailed description of all types of waste and all forms of waste disposal including: (see the NWB definition of Waste in the NWB *Guide 2: Terminology and Definitions*)	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3	n/a	
	a	Contaminated soil	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.1	n/a	
	b	Contaminated snow and ice	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.3, s.3.6.1	n/a	
	c	Wastewater	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.6.2	n/a	
	d	Others:	n/a	n/a	n/a	n/a	n/a	n/a	
Waste Disposal: Quality and Quantity	**2**	For each type of waste, provide the composition and quantity generated. Also provide the location, rate, timing, frequency and duration of the deposit.	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.2 and s.3.1	n/a	
	3	For each type of waste, provide the proposed methods and processes for collecting, storing, treating and discharging the waste. Indicate the capacity of these facilities.	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3	n/a	
	4	Provide a description of any existing or proposed measures to minimize the production of wastes.	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.1.4	n/a	
Hydrocarbon Impacted Soil Storage and Treatment	**5**	Indicate what products are used on site that if spilled may be treated in the landfarm	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.1	n/a	
	6	Provide an estimate of the volume of material(s) to be stored and/or treated	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.2.3	n/a	
	7	Indicate whether there are any existing landfarm facilities on site	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s. 1.1	Amendment 6, Water Licence 2BB-MEL1424, allowed for the operation of light PHC soil stockpile	
	8	Indicate whether there have been any operating problems with existing landfarm facilities.	n/a	No operating problems to date.				n/a	
	9	Provide a description of the general condition of any existing landfarm and provide an explanation if it is unsatisfactory.	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s. 1.1	n/a	
Identification	**10**	Indicate whether there are signs identifying any past or present landfarm sites	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s. 1.1	Amendment 6, Water Licence 2BB-MEL1424, allowed for the operation of light PHC soil stockpile	
Modifications	**11**	Indicate whether any changes are planned for existing landfarm facilities. If applicable, see items 13 - 15 of this section.	n/a	no changes are planned	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s. 1.1	n/a	
	12	If the landfarm is for a municipality, indicate whether the community believes changes are needed to the landfarm facility. If applicable, provide a description.	n/a	not for a municipality	n/a	n/a	n/a	n/a	
Proposed Facilities	**13**	Provide design plans for proposed facilities including descriptions of the following:	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.2.3	n/a	
	a	Design parameters including seismic design if applicable.	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.2.3	n/a	
	b	The capacity of the facility	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.2.3.2	n/a	
	c	Retaining structures	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.2.3.2	n/a	

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7.0 (B) Proposed Waste Disposal Facilities - Landfarm

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
	d	Spillways	n/a	no spillways are associated with landfarm facility	n/a	n/a	n/a	n/a	
	e	Barrier or liner systems including properties and installation details	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.2.3.2, Table 2.2	Installation details will be provided to NWB 60 days prior to construction	
	f	Leachate and/or runoff control systems including sumps, pumps, storage ponds/tanks, and any other measures	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.6.2	n/a	
	g	Identification of discharge point(s).	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.5, s.3.6	n/a	
	h	Method of discharge.	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.5, s.3.6	n/a	
	i	Proposed discharge effluent criteria;	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.5.1	n/a	
	j	Details regarding direction and path of wastewater flow from the area or infrastructure	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.6.2	n/a	
	k	Existing and proposed drainage modifications such as berms (natural or constructed) and diversion ditches	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.2.3.2, Table 2.2	n/a	
	l	Construction schedule and sequence taking into account any timing restrictions.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	Appendix A, Figure 4.1, Appendix B, Table 4.1	n/a	
	m	Construction methods.	Y	n/a	n/a	n/a	n/a	Final for construction design drawings, including a description of the construction methods, will be provided to NWB 60 days prior to construction	
	n	Equipment to be used.	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	n/a	A finalized list of construction equipment to be used will be provided to NWB 60 days prior to construction.	
	o	A description of the source, type, and composition of the material to be used in construction.	Y	n/a	Borrow Pits and Quarries Management Plan, April 2015	150513 2AM-MEL----BorrowQuarriesMgmtPlan-IMLE	s. 2. 1	n/a	
	p	Water quality and environmental monitoring stations and associated equipment (design, placement, etc.)	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.8	n/a	
	q	Construction monitoring plans	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 4.1.1, Appendix A - Figure 4.1, Appendix B-Table 4.1	Construction monitoring plans will be provided to NWB 60 days prior to construction	

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7.0 (B) Proposed Waste Disposal Facilities - Landfarm

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
	r	Construction quality assurance and quality control measures;	Y	n/a	Quality Assurance/Quality Control Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----QAQCPlan-IMLE	Full Document	Quality assurance and quality control measures that will be implemented during construction will be provided to NWB 60 days prior to construction	
	s	Operation and maintenance plans	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3	n/a	
	t	Contingency plans to address the possibility that contaminated materials exceed expected volumes and/or sump volumes are exceeded.	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.4	n/a	
	u	Closure plans (see items 21-23 of this section)	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.7	n/a	
	v	Design drawings in plan and profile, drawn to scale, including all relevant dimensions.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	Appendix D	n/a	
	14	Final plans and drawings for construction must be stamped by a Professional Engineer licensed to practice in Nunavut. (See Section 7 of the NWB's *Guide 4: Completing and Submitting a Water Licence Application* for more information regarding design drawings).	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	Appendix D	n/a	
Predicted Environmental Effects and Proposed mitigation measures	**15**	Provide detailed treatment plans for discharges from any waste treatment facility. Waste treatment plans should include estimates of treatment efficiency for each parameter of concern.	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s. 2.3.2 Table 2-3, s. 3.1	n/a	
	16	Clearly outline proposed discharge criteria, how the criteria were developed, standards to be applied, and how these criteria will be used to prevent ecological effects in the receiving environment.	Y	n/a	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	Appendix H	n/a	
	17	Provide a description of measures to prevent damage to any liner or barrier system during mechanical operation of the landfarm	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	n/a	Where applicable, Management Plans will be updated following issuance of the licence and take into account O&M requirements including measures to prevent damage to any liner or barrier system during mechanical operation of the landfarm	

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7.0 (B) Proposed Waste Disposal Facilities - Landfarm

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
Operations and Maintenance	**18**	Provide procedures to determine whether soils may be accepted at the Facility including	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s. 2.3.2 Table 2-3, s. 3.1, s.3.2	n/a	
	a	Chemical, physical and biological characterization of the soil and the associated hydrocarbon and metal contaminant concentrations	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s. 2.3.2 Table 2-3, s. 3.1, s.3.2	n/a	
	b	Treatability studies to determine the viability of landfarm treatment	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s. 2.3.2 Table 2-3, s. 3.1, s.3.2	n/a	
	c	Sampling frequency and number of samples per volume of soil accepted	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.1.1	n/a	
					Environmental Management Protection Plan (EMPP), April 2015	150513 2AM-MEL----EnviroMgmtProtectPlan-IMLE	s.4.2 (Table 4-3)	n/a	
	19	Provide procedures to be used during active landfarming operations in the active treatment cells	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3	n/a	
	a	Treatment cell development and material placement therein	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.2.2	n/a	
	b	Contaminated soil thickness in treatment cells	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.2.2	n/a	
	c	Method of mechanical aeration in treatment cells	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.4.2	n/a	
	d	Oversize material management	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.1.2	n/a	
	e	Surface water management, leachate containment and/or treatment, and site grade planning	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.6.2	n/a	
	f	Process water management and treatment prior to discharge	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.6.2	n/a	
	g	Site volume and operational monitoring programs	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.2.3.2, s.3.5.2, s.3.8	n/a	
	h	Dust control programs	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.4.3	n/a	
	i	Staff operational training programs	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3	n/a	
	20	Provide Soil Quality Remediation Objectives (SQROs) to which the applicant is intending to achieve.	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.5.1	n/a	
Closure	**21**	Provide a description of closure procedures	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.7	n/a	
	22	Provide details regarding the ultimate deposition of treated soils	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.5.3	n/a	
	23	Provide a disposal plan for soils contaminated with bioremediation - unsuitable compounds, or for soils that do not respond well to the proposed landfarming treatment	Y	n/a	Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.4.2.3	n/a	

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7.0 (B) Proposed Waste Disposal Facilities - Landfarm

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
Fisheries	**24**	If applicable, provide a description of any potential impacts to fish and/or fish habitat. (Indirect effects may include project effects, water quality, or aquatic organisms. Direct effects may include degradation or alteration of fish habitat). The applicant is advised to consult with DFO regarding fish and fish habitat related issues and to visit DFO's website at http://www.dfo-mpo.gc.ca/habitat/habitat-eng.htm.	n/a	no waterbodies are affected by the landfarm	n/a	n/a	n/a	n/a	
Studies	**25**	Provide a list of studies, reports and plans relevant to the application that have been undertaken to date or are being planned, including design and management decisions. Studies, reports and plans may include:	Y	n/a	Landfarm Management Plan (April 2015)	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	Full Document, s. 9 contains reference list	n/a	
	a	Options analysis;	Y	n/a	Landfarm Management Plan (April 2015)	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.4.2	n/a	
	b	Weather data for purposes of design;	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 3.2.1	n/a	
	c	Fisheries assessment;	n/a	no waterbodies are affected by the landfarm	n/a	n/a	n/a	n/a	
	d	Construction plan;	Y		Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s. 4.1.1, Appendix A - Figure 4.1, Appendix B-Table 4.1	n/a	
	e	Construction quality assurance and quality control plan;	Y	n/a	Quality Assurance/Quality Control Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----QAQCPlan-IMLE	Full Document	Quality assurance and quality control measures that will be implemented during construction will be provided to NWB 60 days prior to construction	
	f	Operation and maintenance plan;	Y	n/a	Landfarm Management Plan (April 2015)	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.7	n/a	
	g	Contingency plan;	Y	n/a	Landfarm Management Plan (April 2015)	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.4	n/a	
	h	Closure plan;	Y	n/a	Landfarm Management Plan (April 2015)	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s.3.7	n/a	
	i	Monitoring plans (see section 6);	Y	n/a	Landfarm Management Plan (April 2015)	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s. 3.5 and s.3.8	n/a	

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8.0 Monitoring

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
Monitoring	**1**	Provide a Monitoring Plan including a description of the methods, procedures, standards, and schedules proposed. Monitoring may be required for water use; effluent, surface and/or groundwater water quality, quantity, or flow; ground temperature; ground settlement; etc. The Monitoring Plan must consider the life of the project, temporary closure and permanent closure.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.7.12	n/a	
					Environmental Management Protection Plan (EMPP), April 2015	150513 2AM-MEL----EnviroMgmtProtectPlan-IMLE	s.4	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.9	n/a	
					Ore Storage Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----OreMgmtPlanCPLT-IMLE	s.6.1 and s.9	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL----MineWasteMgmtPlanCPLT-IMLE	s.10	n/a	
					Landfill and Waste Management Plan, April 2015	150513 2AM-MEL----LandfillWasteMgmtPlan-IMLE	s.5.5	n/a	
					Incineration Management Plan, April 2015	150513 2AM-MEL----IncinerationMgmtPlan - IMLE	s.8	n/a	
					Aquatic Effects Monitoring Program (AEMP) Design Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----AEMP-IMLE	Full Document	n/a	
					Preliminary Closure and Reclamation Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL-PrelimClosurePlan-IMLE	s.5.2.1.3, s.5.2.1.8, s.5.2.2.1,s.5.2.2.3, s.5.2.2.4, s.5.2.2.5, s.5.2.2.8, s.5.2.3.3, s.5.2.3.7, s.5.2.3.8, s.5.2.4.3, s.5.2.4.7, s.5.2.4.8, .5.2.5.3, s.5.2.5.8, s.5.2.6.3, s.5.2.6.8, s.5.2.7.3, s.5.2.7.4, s.5.2.7.8, s5.2.8.8., s.5.2.9.3, s.5.2.9.7, s.5.2.9.8, s.5.2.10.3, s.5.2.10.8, s.7.2 to s.7.5, s.8, s.9	n/a	
					Landfarm Management Plan, April 2015	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	s. 3.5 and s.3.8	n/a	
	2	Indicate who is responsible for sampling including that person's position, contact information and level of training.	Y	n/a	Environmental Management Protection Plan (EMPP), April 2015	150513 2AM-MEL----EnviroMgmtProtectPlan-IMLE	s.4.2 (Table 4.3)	n/a	
					Spill Contingency Plan, April 2015	150513 2AM-MEL----SpillContingencyPlan -IMLE	s.5.6	n/a	
	3	Indicate the name and contact information of the certified laboratory performing the analysis of samples.	Y	n/a	Quality Assurance/Quality Control Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----QAQCPlan-IMLE	s.3.1, Appendix B	n/a	

Concordance Assessment
Meliadine Gold Project Type A Water Licence Application

8.0 Monitoring

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
	4	Provide an Inspection Plan including a description of the methods, procedures, standards, and schedules proposed. Inspections may be required for engineered facilities related to the management of water and waste as well as spills. The Inspection Plan must consider the life of the project, temporary closure and permanent closure.	Y	n/a	Environmental Management Protection Plan (EMPP), April 2015	150513 2AM-MEL----EnviroMgmtProtectPlan-IMLE	s.4.2 (Table 4-3)	n/a	
	5	Provide a summary table of all monitoring commitments that details all monitoring locations. The table should include parameter(s), location, frequency, and mining phase, along with, cross-referencing to sub-documents where detailed information is provided. Where appropriate, a map detailing the location of monitoring sites is to be provided.	Y	n/a	Type A Water Licence Main Application Document, April 2015	150513 2AM-MEL----MainApplicationDocument-IMLE	s.7.12, Appendix A-Figure 7.1 , Appendix B-Table 7.1 and 7.2	n/a	
					Environmental Management Protection Plan (EMPP), April 2015	150513 2AM-MEL----EnviroMgmtProtectPlan-IMLE	s.4.2 (Tables 4.1 and 4.3; Figure 4-2)	n/a	
					Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.9	n/a	
					Aquatic Effects Monitoring Program (AEMP) Design Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----AEMP-IMLE	s.4.3 and 4.4 (Tables 4-3 to 4-5), s.5.1.2 (Table 5-1), Figures 4-1 and 4-2	n/a	
	6	Provide a summary table of the expected quality and quantity of waters, over time in all sumps, monitoring stations, and discharge points, along with i) if applicable, adaptive management criteria to benchmark if mitigation/contingency are to be implemented, ii) if applicable, water quality criteria, and iii) management action.	Y	n/a	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	S.7, S.8, appendix D, Appendix G	n/a	
	7	Provide a monitoring plan for incinerator emissions (including, but not limited to, stack testing and annual reporting).	Y	n/a	Incineration Management Plan, April 2015	150331 2AM-MEL----IncinerationMgmtPlan	s.8 and s.9	n/a	
	8	Provide a Quality Assurance/ Quality Control (QA/QC) Plan that addresses both field sampling and laboratory analyses.	Y	n/a	Quality Assurance/Quality Control Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----QAQCPlan-IMLE	s.2 to s.4	n/a	
Components from Section 7.0 Waste Disposal	**m**	Inspection plan (see Section 8);	Y	n/a	Environmental Management Protection Plan (EMPP), April 2015	150513 2AM-MEL----EnviroMgmtProtectPlan-IMLE	s.4.2 (Table 4-3)	n/a	
	n	Tailings monitoring (see Section 8);	Y	n/a	Environmental Management Protection Plan (EMPP), April 2015	150513 2AM-MEL----EnviroMgmtProtectPlan-IMLE	s.4.2 (Tables 4.1 and 4.3)	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL----MineWasteMgmtPlanCPLT-IMLE	s.10.2	n/a	
	o	Mine site water quality monitoring (see Section 8);	Y	n/a	Environmental Management Protection Plan (EMPP), April 2015	150513 2AM-MEL----EnviroMgmtProtectPlan-IMLE	s.4.2 (Tables 4.1 and 4.3)	n/a	

Concordance Assessment
Meliadine Gold Project Type A Water Licence Application

8.0 Monitoring

Section Title	Section No.	Information Requirement	Indicate whether Information Requirement is applicable by inserting ' Y ' or ' NA '	If 'NA' provide justification	Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	Insert Section of document where information is provided	If information is not available at the time of application, indicate when the information will be made available	NWB Concordance Assessment
	p	Receiving water quality monitoring (see Section 8);	Y	n/a	Environmental Management Protection Plan (EMPP), April 2015	150513 2AM-MEL----EnviroMgmtProtectPlan-IMLE	s.4.2 (Tables 4.1 and 4.3)	n/a	
					Aquatic Effects Monitoring Program (AEMP) Design Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----AEMP-IMLE	s.4.3 and 4.4 (Tables 4-3 to 4-5), s.5.1.2 (Table 5-1), Figures 4-1 and 4-2	n/a	
	q	Aquatic effects monitoring (see Section 8);	Y	n/a	Aquatic Effects Monitoring Program (AEMP) Design Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL----AEMP-IMLE	Full Document	n/a	
	r	Geotechnical and structural monitoring (see Section 8);	Y	n/a	Water Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	s.9	n/a	
					Environmental Management Protection Plan (EMPP), April 2015	150513 2AM-MEL----EnviroMgmtProtectPlan-IMLE	s.4.2 (Table 4-3)	n/a	
					Ore Storage Management Plan, April 2015, Tetratech EBA Inc.	150513 2AM-MEL----OreMgmtPlanCPLT-IMLE	s.9	n/a	
					Mine Waste Management Plan, April 2015, Tetrateach EBA Inc.	150513 2AM-MEL----MineWasteMgmtPlanCPLT-IMLE	s.10	n/a	
					Landfill and Waste Management Plan, April 2015	150513 2AM-MEL----LandfillWasteMgmtPlan-IMLE	s.5.5	n/a	
					Preliminary Closure and Reclamation Plan, April 2015, Golder Associates Ltd.	150513 2AM-MEL-PrelimClosurePlan-IMLE	s.5.2.1.8, s.5.2.2.1, s.5.2.2.4, s.5.2.2.7, s.5.2.2.8,s.5.2.3.3, s.5.2.3.7, s.5.2.3.8, s.5.2.4.8, s.7, s.8, s.9	n/a	

Concordance Assessment
Meliadine Gold Project Type A Water Licence Application

Insert Title, Author and Date of Document where information is provided	Insert electronic file name of document where information is provided	NWB Concordance Assessment
Type A Water Licence Main Application Document (April 2015) Agnico Eagle Mines Limited	150513 2AM-MEL----MainApplicationDocument-IMLE	
Cover Letter and Water Licence Application, Agnico Eagle Mines Limited	150513 2AM-MEL----Cover LtrApplicationForm	
Mine Plan (April 2015) Agnico Eagle Mines Limited	150513 2AM-MEL----Mine Plan-IMLE	
Environmental Management and Protection Plan (EMPP) (April 2015) Agnico Eagle Limited	150513 2AM-MEL----EnviroMgmtProtectionPlan-IMLE	
Water Management Plan (April 2015) Tetratech EBA Inc.	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE	
Ore Storage Management Plan (April 2015) Tetratech EBA Inc.	150513 2AM-MEL----OreMgmtPlanCPLT-IMLE	
Mine Waste Management Plan, (April 2015) Tetratech EBA Inc.	150513 2AM-MEL----MineWasteMgmtPlan-IMLE	
Roads Management Plan (April 2015) Agnico Eagle Mines Limited	150513 2AM-MEL----RoadMgmtPlan-IMLE	
Borrow Pits and Quarries Management Plan (April 2015) Agnico Eagle Mines Limited	150513 2AM-MEL----BorrowQuarriesMgmtPlan-IMLE	
Landfill and Waste Management Plan (April 2015) Agnico Eagle Mines Limited	150513 2AM-MEL----LandfillWasteMgmtPlan-IMLE	
Incineration Management Plan (April 2015) Agnico Eagle Mines Limited	150513 2AM-MEL----IncinerationMgmtPlan-IMLE	
Hazardous Materials Management Plan (April 2015) Agnico Eagle Mines Limited	150513 2AM-MEL----HazardousMtlMgmtPlan	
Explosives Management Plan (April 2015) Agnico Eagle Mines Limited	150513 2AM-MEL----ExplosivesMgmtPlan-IMLE	
Risk Management and Emergency Response (April 2015) Agnico Eagle Mines Limited	150513 2AM-MEL----RiskMgmtEmergRespPlan-IMLE	
Spill Contingency Plan (April 2015) Agnico Eagle Mines Limited	150513 2AM-MEL----SpillContingencyPlan-IMLE	
Preliminary Closure and Reclamation Plan (April 2015) Golder Associates Ltd.	150513 2AM-MEL----PrelimClosurePlan-IMLE	
Quality Assurance/Quality Control Plan (April 2015) Golder Associates Ltd.	150513 2AM-MEL----QAQCPlan-IMLE	
Public Engagement and Consultation Baseline Report (April 2015) Agnico Eagle Mines Limited	150513 2AM-MEL----PublicConsultationPlan-IMLE	
Aquatic Effects Monitoring Program (AEMP) Design Plan (April 2015) Golder Associates Ltd.	150513 2AM-MEL----AEMP IMLE	
Screening Report - Revised Project Design (April 2015) Golder Associates Ltd.	150513 2AM-MEL----ScreeningReport-IMLE	
Landfarm Management Plan (April 2015) Agnico Eagle Mines Limited	150513 2AM-MEL----LandfarmMgmtPlan-IMLE	

Concordance Assessment
Meliadine Gold Project Type A Water Licence Application

Plan	Efile Name	Facility	Figure #	Figure Title
Incineration Management Plan	150513 2AM-MEL-IncinerationMgmtPlan-IMLE	Incinerator	N/A	(Incinerator) General Arrangement ECO 1.5TN1P100L
			Figure 2.3	Schematic of Typical Controlled Air Dual Chamber Incinerator
Mine Plan	150513 2AM-MEL----Mine Plan-IMLE	Portal	Figure 2.8	Structural Multi-Plate Arch at Meliadine and 33H Structural Multi-Plate Arch Schematic Profile
		Underground Ventilation System	Figure 2.13	Ventilation System Typical Ground Installation
		Underground Dewatering System	Figure 2.16	Main Pump Station
			Figure 2.17	Intermediate Pump Station
			Figure 2.18	Typical Level Sump
		Fuel and Oil Distribution System	Figure 2.19	Fuel and Oil Distribution Bay
		Refuge Station	Figure 2.23	Mine Refuge
		Lunch Rooms	Figure 2.24	Mine Lunch Room
		Caps and Explosives Magazine Storage Bays	Figure 2.25	Cap and Explosive Magazine
		Electrical Distribution	Figure 2.26 and 2.27	Single Line Diagram Underground
		Processing Facility	Figure 2.28	Process Plant Overview
		Paste Plant Building	Figure 2.31	Paste Plant Building
		Water Treatment Plant (WTP) Unit	Figure 2.32	Actiflo ACP - 300R General Arrangement
			Figure 2.33	Actiflo ACP - 600R General Arrangement
Mine Waste Management Plan	150513 2AM-MEL----MineWasteMgmtPlanCPLT-IMLE	Tailings Storage Facility (TSF)	Figure 6.2	Typical Design Cross-Section for TSF
Water Management Plan - Appendix E	150513 2AM-MEL----WaterMgmtPlanCPLT-IMLE (Appendix E)	Pipe Diffuser	Figure 2	Diffuser Piping Detail
Main Application Document	150513 2AM-MEL----MainApplicationDocument-IMLE (Appendix D)	Retention Dike, Collection Pond	n/a	Profile and Typical Design Section for D-CP1
		Retention Dike		Profile and Typical Design Section for D-CP3
		Retention Dike		Profile and Typical Design Section for D-CP4
		Retention Dike		Profile and Typical Design Section for D-CP5
		Collection Pond		Profile and Typical Design Section for D-CP6
		Collection Pond		Typical Sections for Contact Water Pond CP2
		Collection Pond		Typical Sections for Contact Water Pond CP3
		Collection Pond		Typical Sections for Contact Water Pond CP4
		Channel		Profiles and Section for Channel1 and Channel2
		Channel		Profiles and Section for Channel3 and Channel4
		Channel		Profiles and Section for Channel5 and Channel6
		Channel		Profiles and Section for Channel7 and Channel8
		Berm		Profile and Section for Berm1
		Berm		Profile and Section for Berm2
		Berm		Profile and Section for Berm3
		Culvert		Typical Sections of Culvert1 to Culvert6
		Water Intake		Profile and Typical Section for WTP Intake and Causeway
		Waste Rock Storage Facility		Type Section for Waste Rock Storage Facilities-WRSF1
		Waste Rock Storage Facility		Type Section for Waste Rock Storage Facilities-WRSF2
		Waste Rock Storage Facility		Type Section for Waste Rock Storage Facilities-WRSF3
		Ore Stockpiles		Typical Sections for OP1, OP2, and OP3
		Landfarm		Typical Design Section for Landfarm
		Landfill		Typical Design Sections for Landfill
		Tailings Storage Facility		Typical Design Section for Dry Stack TSF

ATTACHMENT E – Reclaim Model

Project Name:

Reclaim Model - Overview of Program

AEM Meliadine Gold 2015

All users are urged to read the Reclaim Model User Manual - Scroll down for overview description of program.

Important! Reclaim 7.0 works better with no other excel files open.
If other excel files are open ignore run time error and proceed

Reclaim Menu

The default Excel menu bar has an additional tab labelled "Add-Ins" that provides options specific to the Reclaim Model.

Clear This option deletes all input data, deletes any duplicated elements and blanks out the project name. It also allows for segregation into land costs vs water costs if required.

Duplicate This option Duplicates components of the project. E.g. if there is more than one Open Pit, use duplicate to add a second Open Pit. Quantities for the new Open Pit are erased, but the Activities and Cost Codes are carried over from the original Open Pit. The new Open Pit subtotal is added to the Summary page.

Unit Costs This option opens a window of unit costs to provide easy reference. NOTE: the unit cost table has a filter in the 'UNITS' column. You can select to only see a particular unit (eg km) or multiple units (km and m3) or all units.

Print All This option prints the Summary Worksheet, Unit Cost Worksheet, and the individual component worksheets having non-zero balances. Individual worksheets can be printed directly using standard printing methods, such as Ctl - P.

Quit Select Quit to exit the program

Help Redirects user to Instructions worksheet.

WorkSheets

Summary This worksheet contains a cumulative summary of costs for each component of the project. Associated costs such as engineering and project management are added as a percentage of the component costs.

Components Costs are derived for individual closure and reclamation activities by multiplying a "quantity" of activity by a "unit cost".
An activity can be edited, added, or deleted from worksheet. However, care should be taken not to modify cells that are defined and used elsewhere in the program.

Do not change the content or column width of the first column of each component worksheet.

Unit Costs This worksheet contains a look up table with costs for typical work associated with each closure and reclamation activity

Limitations

The Reclaim Program will NOT work if the worksheets are changed such that the following requirements are not met. Please review the following prior to modifiying worksheets.

WorkSheet Names *The names of the worksheets must not be changed.*

Defined Names Certain cells have defined names, which must not be changed. Where the cell is named, the name will appear in the "Name Box" to the left of the formula bar.

First line of data The first line of data for any component worksheet starts on line 4. ***Do not change the first line of a component worksheet, ie the component name.***

Cell A1 Cell A1 on the component sheet MUST always contain the count of that component for the duplicate function to operate.***DO NOT CHANGE.***

Adding Lines You can add lines to components and the unit cost table, as long as they are not the last lines.
The last line might fall outside the named ranges. You can check the size of the named range by selecting the name from the drop down box at the top left of the sheet. Usually this box has a cell reference, or a name.

Printing A component will only be printed if its sub-total is greater than zero. In addition, a component and the summary sheet cannot be printed if there is an error. Printing has been set to print 1 page per component.

Conditions of U

The Reclamation Cost Estimating Model was prepared to serve as a guide for Government Agencies, mining companies, and others to estimate the cost of mine reclamation. This model is not intended to replace reclamation planning or to be used to determine the activities required to reclaim a site or to dictate how much should be spent on reclamation.

Reclaim was prepared by Brodie Consulting Ltd. on behalf of AANDC. AANDC and Brodie Consulting Ltd. are not responsible for the completeness or accuracy of any reclamation estimate made using this model. The user agrees to check and take responsibility for all aspects of any cost estimate made using this model.

The following table provides guidance as to whether water management and treatment is considered short term or long term. Short term closure activities may be costed within a component (eg 'Open Pit' or 'Rock Pile') or 'Water Management'. Long term or post-closure water treatment is costed in 'Water Treatment'.

Project Name: *AEM Meliadine Gold 2015*

Reclaim Model - Overview of Program

All users are urged to read the Reclaim Model User Manual - Scroll down for overview description of program.

Important! Reclaim 7.0 works better with no other excel files open.

		Short Term/ Capital Ex.	Long term/ NPV
Open Pit	flood pit - install/operate pumping system	x	
	construct diversion ditches	x	
	treat 1st filling	x	
	install pump/decant system	x	
	passive/biological treatment	x	
	overflow treatment		x
Rock Pile/Heap Leach Facility	construct diversion ditches	x	
	install groundwater collection system	x	
	install toe seepage collection system	x	
	collect and treat groundwater		x
	collect and treat seepage (ARD/ML)		x
	install passive treatment system	x	
	operate and maintain passive treatment system		x
	operate pump and detoxify heap leach pile (cyanide destruction)	x	
Tailings Facility	construct diversion ditches	x	
	pump supernatant (to pit, U/G)	x	
	treat supernatant	x	
	install toe seepage collection system	x	
	collect and treat seepage (ARD/ML)		x
	install passive treatment system	x	
	operate and maintain passive treatment system		x
U/G Mine	accelerate flooding	x	
	install seepage collection system	x	
	install dewatering/pumping system	x	
	operate seepage/dewatering system (ARD/ML)		x
Water Management	refill lakes		
	redirect creeks/streams	x	
	stabilize water management ponds	x	
	stabilize/close sediment ponds	x	
	fresh water supply - breach embankment	x	
	fresh water supply - remove piping system	x	
	construct water treatment plant	x	
	construct sludge pond	x	
	water control in reclamation quarry	x	
	operate/maintain water treatment plant		x

SUMMARY OF COSTS

CAPITAL COSTS	COMPONENT NAME	COST	LAND LIABILITY	WATER LIABILITY
OPEN PIT	Tiriganiaq Pit 1	$2,781,689	$0	$2,781,689
	Tiriganiaq Pit 2	$54,436	$0	$54,436
UNDERGROUND MINE	Tiriganiaq	$969,540	$0	$969,540
TAILINGS FACILITY	Tailings Storage Facility	$1,489,584	$0	$1,489,584
ROCK PILE	Waste Rock Facility East	$0	$0	$0
	Waste Rock Facility West	$0	$0	$0
	Waste Rock Facility H19-H20	$0	$0	$0
BUILDINGS AND EQUIPMENT		$18,916,071	$0	$18,916,071
CHEMICALS AND CONTAMINATED SOIL MANAGEMEI		$1,917,861	$0	$1,917,861
SURFACE AND GROUNDWATER MANAGEMENT		$127,050	-	$127,050
INTERIM CARE AND MAINTENANCE		$1,684,380	-	$1,684,380
	SUBTOTAL: Capital Costs	**$27,940,612**	**$0**	**$27,940,612**
	PERCENT OF SUBTOTAL		**0%**	**100%**

INDIRECT COSTS		COST	LAND LIABILITY	WATER LIABILITY
MOBILIZATION/DEMOBILIZATION		$9,687,952	$0	$9,687,952
POST-CLOSURE MONITORING AND MAINTENANCE		$879,778	$0	$879,778
ENGINEERING	5%	$1,397,031	$0	$1,397,031
PROJECT MANAGEMENT	5%	$1,397,031	$0	$1,397,031
HEALTH AND SAFETY PLANS/MONITORING & QA/QC	1%	$279,406	$0	$279,406
BONDING/INSURANCE	1%	$279,406	$0	$279,406
CONTINGENCY	20%	$5,588,122	$0	$5,588,122
MARKET PRICE FACTOR ADJUSTMENT	0%	$0	$0	$0
	SUBTOTAL: Indirect Costs	**$19,508,726**	**$0**	**$19,508,726**

TOTAL COSTS	**$47,449,337**	**$0**	**$47,449,337**

2 **Open Pit Name:** **Tiriganiaq Pit 1** **Pit # *1***

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	Cost	% Land	Land Cost	Water Cost
CONTROL ACCESS									
Fence		m		#N/A	$0.00	$0		$0	$0
Signs		each	15	SH	$37.08	$556		$0	$556
Berm at crest		m3	5,590	RB1H	$17.05	$95,310		$0	$95,310
Block roads		m3	410.4	RB1H	$17.05	$6,997		$0	$6,997
Other				#N/A	$0.00	$0		$0	$0
STABILITY STUDY									
Conduct stability and setback study		allow		#N/A	$0.00	$0		$0	$0
STABILIZE SLOPES									
Off-load crest, soil A		m3		#N/A	$0.00	$0		$0	$0
Off-load crest, soil B		m3		#N/A	$0.00	$0		$0	$0
Doze/trim overburden at crest		m3		#N/A	$0.00	$0		$0	$0
Drill & blast pit crest		m3		#N/A	$0.00	$0		$0	$0
Buttress slope		m3		#N/A	$0.00	$0		$0	$0
Other				#N/A	$0.00	$0		$0	$0
COVER/CONTOUR SLOPES									
Place fill, soil A		m3		#N/A	$0.00	$0		$0	$0
Place fill, soil B		m3		#N/A	$0.00	$0		$0	$0
Rip rap		m3		#N/A	$0.00	$0		$0	$0
Vegetate slopes		ha		#N/A	$0.00	$0		$0	$0
Vegetate pit floor		ha		#N/A	$0.00	$0		$0	$0
Other				#N/A	$0.00	$0		$0	$0
CONSTRUCT DIVERSION DITCHES									
Excavate ditches -soil		m3		#N/A	$0.00	$0		$0	$0
Excavate ditches -rock		m3		#N/A	$0.00	$0		$0	$0
Rip rap in channel base		m3		#N/A	$0.00	$0		$0	$0
CONSTRUCT SPILLWAY									
Excavate channel (soil A)				#N/A		$0		$0	$0
Concrete		m3		#N/A	$0.00	$0		$0	$0
Rip rap		m3		#N/A	$0.00	$0		$0	$0
Other				#N/A	$0.00	$0		$0	$0
RECLAIM QUARRIES									
Contour slopes		m3		#N/A	$0.00	$0		$0	$0
Place overburden		m3		#N/A	$0.00	$0		$0	$0
Vegetate		m3		#N/A	$0.00	$0		$0	$0
FLOOD PIT-Captital									
Remove stationary equipment (sump pumps)		each	1	PRH	$6,742.00	$6,742		$0	$6,742
Remove dewatering pipeline		m		#N/A	$0.00	$0		$0	$0
Remove power lines		each		#N/A	$0.00	$0		$0	$0
Construct diversion ditches		m3		#N/A	$0.00	$0		$0	$0
-Ditch, mat'l A		m3		#N/A	$0.00	$0		$0	$0
-Ditch, mat'l B		m3		#N/A	$0.00	$0		$0	$0
Construct embankment/dam		m3		#N/A	$0.00	$0		$0	$0
Supply/install pump station & piping system		each	1	AEM	$350,000.00	$350,000		$0	$350,000
Supply/install piping system		m		#N/A	$0.00	$0		$0	$0
Supply - install pump to flood		each	1	PF	$350,000.00	$350,000		$0	$350,000
Remove pump post-closure		each		#N/A	$0.00	$0		$0	$0
Remove pipeline post-closure		m		#N/A	$0.00	$0		$0	$0
FLOOD PIT-Annual Cost									
Operate Pumps to flood pit	lower fuel	each	1	MBK	$558,940.32	$558,940		$0	$558,940
Operate pumps (power)		m3		#N/A	$0.00	$0		$0	$0
Maintain pump/pipeline		allow		#N/A	$0.00	$0		$0	$0
Labour:fuel management, comissioning/decom		$/h		#N/A	$0.00	$0		$0	$0
Chemical addition, _____ kg/m3 of water		tonne		#N/A	$0.00	$0		$0	$0
Chemicals, purchase and shipping		tonne		#N/A	$0.00	$0		$0	$0
Passive/biological additives		$/ha		#N/A	$0.00	$0		$0	$0
Passive additives purchase and shipping		tonne		#N/A	$0.00	$0		$0	$0
Other- Water purchased to flood pit from Meliadine Lake		m3	3,714,000	MBK	$0.0265	$98,421		$0	$98,421
					Annual pumping costs	$657,361			
Number of years of pump flooding		years	3.0						
					Total pumping costs	$1,972,084		$0	$1,972,084
					Total	$2,781,689		$0	$2,781,689
					% of Total			0%	100%

Open Pit Name: **Tiriganiaq Pit 2** **Pit # *2***

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	Cost	% Land	Land Cost	Water Cost
CONTROL ACCESS									
Fence		m		#N/A	$0.00	$0		$0	$0
Signs		each	5	SH	$37.08	$185		$0	$185
Berm at crest		m3	2,376	RB1H	$17.05	$40,511		$0	$40,511
Block roads		m3	410.4	RB1H	$17.05	$6,997		$0	$6,997
Other				#N/A	$0.00	$0		$0	$0
STABILITY STUDY									
Conduct stability and setback study		allow		#N/A	$0.00	$0		$0	$0
STABILIZE SLOPES									
Off-load crest, soil A		m3		#N/A	$0.00	$0		$0	$0
Off-load crest, soil B		m3		#N/A	$0.00	$0		$0	$0
Doze/trim overburden at crest		m3		#N/A	$0.00	$0		$0	$0
Drill & blast pit crest		m3		#N/A	$0.00	$0		$0	$0
Buttress slope		m3		#N/A	$0.00	$0		$0	$0
Other				#N/A	$0.00	$0		$0	$0
COVER/CONTOUR SLOPES									
Place fill, soil A		m3		#N/A	$0.00	$0		$0	$0
Place fill, soil B		m3		#N/A	$0.00	$0		$0	$0
Rip rap		m3		#N/A	$0.00	$0		$0	$0
Vegetate slopes		ha		#N/A	$0.00	$0		$0	$0
Vegetate pit floor		ha		#N/A	$0.00	$0		$0	$0
Other				#N/A	$0.00	$0		$0	$0
CONSTRUCT DIVERSION DITCHES									
Excavate ditches -soil		m3		#N/A	$0.00	$0		$0	$0
Excavate ditches -rock		m3		#N/A	$0.00	$0		$0	$0
Rip rap in channel base		m3		#N/A	$0.00	$0		$0	$0
CONSTRUCT SPILLWAY									
Excavate channel (soil A)		m		#N/A		$0		$0	$0
Concrete		m3		#N/A	$0.00	$0		$0	$0
Rip rap		m3		#N/A	$0.00	$0		$0	$0
Other				#N/A	$0.00	$0		$0	$0
RECLAIM QUARRIES									
Contour slopes		m3		#N/A	$0.00	$0		$0	$0
Place overburden		m3		#N/A	$0.00	$0		$0	$0
Vegetate		m3		#N/A	$0.00	$0		$0	$0
FLOOD PIT-Captital									
Remove stationary equipment (sump pumps)		each	1	PRH	$6,742.00	$6,742		$0	$6,742
Remove dewatering pipeline		m		#N/A	$0.00	$0		$0	$0
Remove power lines		each		#N/A	$0.00	$0		$0	$0
Construct diversion ditches		m3		#N/A	$0.00	$0		$0	$0
-Ditch, mat'l A		m3		#N/A	$0.00	$0		$0	$0
-Ditch, mat'l B		m3		#N/A	$0.00	$0		$0	$0
Construct embankment/dam		m3		#N/A	$0.00	$0		$0	$0
Supply/install piping system		m		#N/A	$0.00	$0		$0	$0
Supply - install pump to flood		each	1	PF	$0.00	$0		$0	$0
Remove pump post-closure		each		#N/A	$0.00	$0		$0	$0
Remove pipeline post-closure		m		#N/A	$0.00	$0		$0	$0
FLOOD PIT-Annual Cost									
Operate pumps (power)		m3		POCL	$0.12	$0		$0	$0
Maintain pump/pipeline		allow		#N/A	$0.00	$0		$0	$0
Labour:fuel management, comissioning/decom		$/h		#N/A	$0.00	$0		$0	$0
Chemical addition, _____ kg/m3 of water		tonne		#N/A	$0.00	$0		$0	$0
Chemicals, purchase and shipping		tonne		#N/A	$0.00	$0		$0	$0
Passive/biological additives		$/ha		#N/A	$0.00	$0		$0	$0
Passive additives purchase and shipping		tonne		#N/A	$0.00	$0		$0	$0
Other- Water purchased to flood pit from Meliadine Lake		m3	0	MBK	$0.0265	$0		$0	$0
					Annual pumping costs	$0			
Number of years of pump flooding		years	3.0						
					Total pumping costs	$0.00		$0	$0
					Total	$54,436		$0	$54,436
					% of Total			0%	100%

Underground Mine Name	Tiriganiaq			UG Mine # 1			
ACTIVITY/MATERIAL	**Notes**	**Unit**	**Qty**	**Code**	**Unit Cost**	**Cost Land**	**Cost**	**Water Cost**
CONTROL ACCESS								
Fence		m		#N/A	$0.00	$0	$0	$0
Signs		each	2	SH	$37.08	$74	$0	$74
Block roads		m3		#N/A	$0.00	$0	$0	$0
Berm		m3	2,565	RB1H	$17.05	$43,733	$0	$43,733
Concrete wall in portals		m3		#N/A	$0.00	$0	$0	$0
Cap bulkhead, pit portal		each	2	MBK	$79,590.60	$159,181	$0	$159,181
Backfill portal #1		m3		#N/A	$0.00	$0	$0	$0
Backfill portal #2		m3		#N/A	$0.00	$0	$0	$0
Cap raises and/or stopes		each	4	MBK	$79,590.60	$318,362	$0	$318,362
Cap raise # 1		m3		#N/A	$0.00	$0	$0	$0
Cap raise #2		m3		#N/A	$0.00	$0	$0	$0
Cap shaft #1		m3		#N/A	$0.00	$0	$0	$0
Cap shaft #2		m3		#N/A	$0.00	$0	$0	$0
Backfill adits		m3		#N/A	$0.00	$0	$0	$0
Backfill open stope		m3		#N/A	$0.00	$0	$0	$0
Concrete cap over open stope		m3		#N/A	$0.00	$0	$0	$0
Contour portal area		m3	13,727	SB1H	$5.90	$80,989	$0	$80,989
Other				#N/A	$0.00	$0	$0	$0
REMOVE HAZARDOUS MATERIALS								
Remove hazardous materials, U/G labor		hrs	2,160	SCOOPL	$170.00	$367,200	$0	$367,200
Remove/decontam. stationary & elect. equip		mandays		#N/A	$0.00	$0	$0	$0
Remove/decontam. mobile equipment		each		#N/A	$0.00	$0	$0	$0
Remove misc. haz. mat & explosives		kg		#N/A	$0.00	$0	$0	$0
Other				#N/A	$0.00	$0	$0	$0
INSTALL BULKHEADS								
Bulkheads to control water flow		each		#N/A	$0.00	$0	$0	$0
Grout bulkhead		m3		#N/A	$0.00	$0	$0	$0
FLOOD MINE								
Supply/install pump		each		#N/A	$0.00	$0	$0	$0
Supply/install piping system		each		#N/A	$0.00	$0	$0	$0
Operate pumps to flood workings		m3		#N/A	$0.00	$0	$0	$0
Other				#N/A	$0.00	$0	$0	$0
INSTALL GROUNDWATER COLLECTION SYSTEM								
Excavate/install sumps		m2		#N/A	$0.00	$0	$0	$0
Install pumping wells		m3		#N/A	$0.00	$0	$0	$0
Install pumps/pipelines/power supply		LS		#N/A	$0.00	$0	$0	$0
SPECIALIZED ITEMS								
Install water quality monitoring pipes		each		#N/A	$0.00	$0	$0	$0
Install permanent pumping system		each		#N/A	$0.00	$0	$0	$0
Other				#N/A	$0.00	$0	$0	$0
					Total	$969,540	$0	$969,540
					% of Total		0%	100%

1 **Tailings Impoundment Name:** **Tailings Storage Facility** **Pond # *1***

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	% Cost Land	Land Cost	Water Cost
CONTROL ACCESS								
Fence		m		#N/A	$0.00	$0	$0	$0
Signs		each		#N/A	$0.00	$0	$0	$0
Berm		m3		#N/A	$0.00	$0	$0	$0
Block roads		m3		#N/A	$0.00	$0	$0	$0
Other				#N/A	$0.00	$0	$0	$0
STABILIZE EMBANKMENT(S)								
Toe buttress, drainage layer		m3		#N/A	$0.00	$0	$0	$0
Toe buttress, bulk fill		m3		#N/A	$0.00	$0	$0	$0
Rip rap		m3		#N/A	$0.00	$0	$0	$0
Vegetate		ha		#N/A	$0.00	$0	$0	$0
Raise crest		m3		#N/A	$0.00	$0	$0	$0
Flatten slopes		m3		#N/A	$0.00	$0	$0	$0
Other				#N/A	$0.00	$0	$0	$0
COVER TAILINGS								
Grade/shape tailings surface		m3		#N/A	$0.00	$0	$0	$0
Liner bedding		m3		#N/A	$0.00	$0	$0	$0
Subgrade preparation - compact		m2		#N/A	$0.00	$0	$0	$0
Supply geotextile/geosynthetic		m2		#N/A	$0.00	$0	$0	$0
Install geotextile/geosynthetic		m2		#N/A	$0.00	$0	$0	$0
Soil cover		m3	28,627	AEM	$8.47	$242,471	$0	$242,471
Rock (fill) cover	Operations cover most of TSF - checked othe	m3	143,135	AEM	$8.47	$1,212,353	$0	$1,212,353
Vegetate		m2		#N/A	$0.00	$0	$0	$0
Other				#N/A	$0.00	$0	$0	$0
BURY PAG ROCK								
Relocate PAG rock		m3		#N/A	$0.00	$0	$0	$0
Place cover over PAG rock		m3		#N/A	$0.00	$0	$0	$0
Raise crest of dam		m3		#N/A	$0.00	$0	$0	$0
Other				#N/A	$0.00	$0	$0	$0
STABILIZE DECANT SYSTEM								
Excavate and replace		m3		#N/A	$0.00	$0	$0	$0
Plug/backfill with concrete or clay		m3		#N/A	$0.00	$0	$0	$0
Other				#N/A	$0.00	$0	$0	$0
REMOVE TAILINGS DISCHARGE								
Cyclones		m3		#N/A	$0.00	$0	$0	$0
Pipe		m3		#N/A	$0.00	$0	$0	$0
Remove reclaim barge		allow		#N/A	$0.00	$0	$0	$0
CONSTRUCT DIVERSION DITCHES								
Excavate ditches -soil		m3		#N/A	$0.00	$0	$0	$0
Excavate ditches -rock		m3		#N/A	$0.00	$0	$0	$0
Rip rap in channel base		m3		#N/A	$0.00	$0	$0	$0
FLOOD TAILINGS								
Doze tailings to final contour		m3		#N/A	$0.00	$0	$0	$0
Raise crest of dam		m3		#N/A	$0.00	$0	$0	$0
Other				#N/A	$0.00	$0	$0	$0
UPGRADE SPILLWAY								
Excavate channel, rock		m3		#N/A	$0.00	$0	$0	$0
Excavate channel, soil		m3		#N/A	$0.00	$0	$0	$0
Concrete		m3		#N/A	$0.00	$0	$0	$0
Rip rap		m3		#N/A	$0.00	$0	$0	$0
Other				#N/A	$0.00	$0	$0	$0
CONSTRUCT SEEPAGE COLLECTION POND								
Excavate seepage collection pond		m3		#N/A	$0.00	$0	$0	$0
Doze & spread excavated material		m3		#N/A	$0.00	$0	$0	$0
Vegetate spread material		ha		#N/A	$0.00	$0	$0	$0
Bedding layer		m3		#N/A	$0.00	$0	$0	$0
Supply geomembrane		m2		#N/A	$0.00	$0	$0	$0
Install geomembrane		m2		#N/A	$0.00	$0	$0	$0
Erosion protection layer		m3		#N/A	$0.00	$0	$0	$0
INSTALL GROUNDWATER COLLECTION SYSTEM								
Excavate/install sumps		m3		#N/A	$0.00	$0	$0	$0
Install pumping wells		m3		#N/A	$0.00	$0	$0	$0
Install pumps/pipelines/power supply		LS		#N/A	$0.00	$0	$0	$0
SPECIALIZED ITEMS								
Install permanent instrumentation, supply & technican		each		#N/A	$0.00	$0	$0	$0
Install permanent instrumentation, drilling		each		#N/A	$0.00	$0		$0
TREAT SEEPAGE - see "Water Management" and "Water Treatment"								
TREAT SUPERNATANT								
Pump water		each	1	AEM	$34,760	$34,760	$0	$34,760
Equipment maintenance and parts		allow		#N/A	$0.00	$0	$0	$0
Supply reagents		tonne		#N/A	$0.00	$0	$0	$0
					Annual treatment costs	$34,760		
Number of years of treatment		years	1					
					Total treatment costs	$34,760		$34,760
					Total	$1,489,584	$0	$1,489,584
					% of Total		0%	100%

* for construction of passive treatment system refer to "Water Management"

3 **Rock Pile Name:** **Waste Rock Facility East**

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	Cost	% Land	Land Cost	Water Cost
STABILIZE SLOPES									
Flatten slopes with dozer		m3		#N/A	$0.00	$0		$0	$0
Flatten "bubble dump" areas		m3		#N/A	$0.00	$0		$0	$0
Divert runon, ditch mat'l A		m3		#N/A	$0.00	$0		$0	$0
Divert runon, ditch mat'l B		m3		#N/A	$0.00	$0		$0	$0
Toe buttress, drain mat'l		m3		#N/A	$0.00	$0		$0	$0
Toe buttress, fill mat'l A		m3		#N/A	$0.00	$0		$0	$0
Toe buttress, fill mat'l B		m3		#N/A	$0.00	$0		$0	$0
Other				#N/A	$0.00	$0		$0	$0
COVER ROCK PILE									
Subgrade preparation - doze surface		m3		#N/A	$0.00	$0		$0	$0
Soil cover - excavate,haul,spread&compact		m3		#N/A	$0.00	$0		$0	$0
Rock cover - excavate,haul & spread		m3		#N/A	$0.00	$0		$0	$0
Excavate downslope drainage channel & chute		m3		#N/A	$0.00	$0		$0	$0
Rip rap drainage channel and chute		m3		#N/A	$0.00	$0		$0	$0
Vegetate		ha		#N/A	$0.00	$0		$0	$0
Other				#N/A	$0.00	$0		$0	$0
VERY LOW PERMEABILITY COVER (in addition to above)									
Liner subgrade preparation - compact		m2		#N/A	$0.00	$0		$0	$0
Supply geomembrame		m2		#N/A	$0.00	$0		$0	$0
Install geomembrane		m2		#N/A	$0.00	$0		$0	$0
Protective cover - excavate,haul,spread&compact		m3		#N/A	$0.00	$0		$0	$0
Vegetate		ha		#N/A	$0.00	$0		$0	$0
Install infiltration/seepage instrumentation		allow		#N/A	$0.00	$0		$0	$0
CONSTRUCT DIVERSION DITCHES									
Excavate ditches -soil		m3		#N/A	$0.00	$0		$0	$0
Excavate ditches -rock		m3		#N/A	$0.00	$0		$0	$0
Rip rap in channel base		m3		#N/A	$0.00	$0		$0	$0
CONSTRUCT SEEPAGE COLLECTION POND									
Excavate seepage collection pond		m3		#N/A	$0.00	$0		$0	$0
Doze & spread excavated material		m3		#N/A	$0.00	$0		$0	$0
Vegetate spread material		ha		#N/A	$0.00	$0		$0	$0
Bedding layer		m3		#N/A	$0.00	$0		$0	$0
Supply geomembrane		m2		#N/A	$0.00	$0		$0	$0
Install geomembrane		m2		#N/A	$0.00	$0		$0	$0
Erosion protection layer		m3		#N/A	$0.00	$0		$0	$0
INSTALL GROUNDWATER COLLECTION SYSTEM									
Excavate/install sumps		m3		#N/A	$0.00	$0		$0	$0
Install pumping wells		m3		#N/A	$0.00	$0		$0	$0
Install pumps/pipelines/power supply		allow		#N/A	$0.00	$0		$0	$0
RELOCATE DUMPS									
Load, haul, dump or doze		m3		#N/A	$0.00	$0		$0	$0
Add lime		tonne		#N/A	$0.00	$0		$0	$0
Contour reclaimed area		ha		#N/A	$0.00	$0		$0	$0
Other				#N/A	$0.00	$0		$0	$0
SPECIALIZED ITEMS									
Install permanent instrumentation		each		#N/A	$0.00	$0		$0	$0
Install permanent instrumentation, drilling		each		#N/A	$0.00	$0		$0	$0
TREAT ROCK PILE SEEPAGE - see "Water Management"									
HEAP LEACH SEEPAGE TREATMENT - Cyanide Detox									
Cyanide destruction water treatment pumping		m3		#N/A	$0.00	$0		$0	$0
Reagents		tonnes		#N/A	$0.00	$0		$0	$0
Electrician/mechanic to maintain treatment plant		allow		#N/A	$0.00	$0		$0	$0
Equipment maintenance and parts		allow		#N/A	$0.00	$0		$0	$0
				Annual treatment costs		$0			
Number of years of treatment		years							
				Total treatment costs		$0			$0
HEAP LEACH SEEPAGE TREATMENT - ARD/ML**									
Upgrade/modify pumping system - report to WTP		allow		#N/A	$0.00	$0		$0	$0
					Total	$0		$0	$0
					% of Total			0%	0%

* For construction of passive treatment system refer to "Water Management". ARD/ML seepage treatment becomes post-closure water treatment cost

**Heap leach ARD/ML seepage treatment becomes post-closure water treatment cost

Rock Pile Name: **Waste Rock Facility West** ***1***

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	Cost	% Land	Land Cost	Water Cost
STABILIZE SLOPES									
Flatten slopes with dozer		m3		#N/A	$0.00	$0		$0	$0
Flatten "bubble dump" areas		m3		#N/A	$0.00	$0		$0	$0
Divert runon, ditch mat'l A		m3		#N/A	$0.00	$0		$0	$0
Divert runon, ditch mat'l B		m3		#N/A	$0.00	$0		$0	$0
Toe buttress, drain mat'l		m3		#N/A	$0.00	$0		$0	$0
Toe buttress, fill mat'l A		m3		#N/A	$0.00	$0		$0	$0
Toe buttress, fill mat'l B		m3		#N/A	$0.00	$0		$0	$0
Other				#N/A	$0.00	$0		$0	$0
COVER ROCK PILE									
Subgrade preparation - doze surface		m3		#N/A	$0.00	$0		$0	$0
Soil cover - excavate,haul,spread&compact		m3		#N/A	$0.00	$0		$0	$0
Rock cover - excavate,haul & spread		m3		#N/A	$0.00	$0		$0	$0
Excavate downslope drainage channel & chute		m3		#N/A	$0.00	$0		$0	$0
Rip rap drainage channel and chute		m3		#N/A	$0.00	$0		$0	$0
Vegetate		ha		#N/A	$0.00	$0		$0	$0
Other				#N/A	$0.00	$0		$0	$0
VERY LOW PERMEABILITY COVER (in addition to above)									
Liner subgrade preparation - compact		m2		#N/A	$0.00	$0		$0	$0
Supply geomembrame		m2		#N/A	$0.00	$0		$0	$0
Install geomembrane		m2		#N/A	$0.00	$0		$0	$0
Protective cover - excavate,haul,spread&compact		m3		#N/A	$0.00	$0		$0	$0
Vegetate		ha		#N/A	$0.00	$0		$0	$0
Install infiltration/seepage instrumentation		allow		#N/A	$0.00	$0		$0	$0
CONSTRUCT DIVERSION DITCHES									
Excavate ditches -soil		m3		#N/A	$0.00	$0		$0	$0
Excavate ditches -rock		m3		#N/A	$0.00	$0		$0	$0
Rip rap in channel base		m3		#N/A	$0.00	$0		$0	$0
CONSTRUCT SEEPAGE COLLECTION POND									
Excavate seepage collection pond		m3		#N/A	$0.00	$0		$0	$0
Doze & spread excavated material		m3		#N/A	$0.00	$0		$0	$0
Vegetate spread material		ha		#N/A	$0.00	$0		$0	$0
Bedding layer		m3		#N/A	$0.00	$0		$0	$0
Supply geomembrane		m2		#N/A	$0.00	$0		$0	$0
Install geomembrane		m2		#N/A	$0.00	$0		$0	$0
Erosion protection layer		m3		#N/A	$0.00	$0		$0	$0
INSTALL GROUNDWATER COLLECTION SYSTEM									
Excavate/install sumps		m3		#N/A	$0.00	$0		$0	$0
Install pumping wells		m3		#N/A	$0.00	$0		$0	$0
Install pumps/pipelines/power supply		allow		#N/A	$0.00	$0		$0	$0
RELOCATE DUMPS									
Load, haul, dump or doze		m3		#N/A	$0.00	$0		$0	$0
Add lime		tonne		#N/A	$0.00	$0		$0	$0
Contour reclaimed area		ha		#N/A	$0.00	$0		$0	$0
Other				#N/A	$0.00	$0		$0	$0
SPECIALIZED ITEMS									
Install permanent instrumentation		each		#N/A	$0.00	$0		$0	$0
Install permanent instrumentation, drilling		each		#N/A	$0.00	$0		$0	$0
TREAT ROCK PILE SEEPAGE - see "Water Management"									
HEAP LEACH SEEPAGE TREATMENT - Cyanide Detox									
Cyanide destruction water treatment pumping		m3		#N/A	$0.00	$0		$0	$0
Reagents		tonnes		#N/A	$0.00	$0		$0	$0
Electrician/mechanic to maintain treatment plant		allow		#N/A	$0.00	$0		$0	$0
Equipment maintenance and parts		allow		#N/A	$0.00	$0		$0	$0
				Annual treatment costs		$0			
Number of years of treatment		years							
				Total treatment costs		$0			$0
HEAP LEACH SEEPAGE TREATMENT - ARD/ML**									
Upgrade/modify pumping system - report to WTP		allow		#N/A	$0.00	$0			$0
					Total	$0		$0	$0
					% of Total			0%	0%

* For construction of passive treatment system refer to "Water Management". ARD/ML seepage treatment becomes post-closure water treatment cost

**Heap leach ARD/ML seepage treatment becomes post-closure water treatment cost

Rock Pile Name: **Waste Rock Facility H19-H20** ***2***

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	Cost	% Land	Land Cost	Water Cost
STABILIZE SLOPES									
Flatten slopes with dozer		m3		#N/A	$0.00	$0		$0	$0
Flatten "bubble dump" areas		m3		#N/A	$0.00	$0		$0	$0
Divert runon, ditch mat'l A		m3		#N/A	$0.00	$0		$0	$0
Divert runon, ditch mat'l B		m3		#N/A	$0.00	$0		$0	$0
Toe buttress, drain mat'l		m3		#N/A	$0.00	$0		$0	$0
Toe buttress, fill mat'l A		m3		#N/A	$0.00	$0		$0	$0
Toe buttress, fill mat'l B		m3		#N/A	$0.00	$0		$0	$0
Other				#N/A	$0.00	$0		$0	$0
COVER ROCK PILE									
Subgrade preparation - doze surface		m3		#N/A	$0.00	$0		$0	$0
Soil cover - excavate,haul,spread&compact		m3		#N/A	$0.00	$0		$0	$0
Rock cover - excavate,haul & spread		m3		#N/A	$0.00	$0		$0	$0
Excavate downslope drainage channel & chute		m3		#N/A	$0.00	$0		$0	$0
Rip rap drainage channel and chute		m3		#N/A	$0.00	$0		$0	$0
Vegetate		ha		#N/A	$0.00	$0		$0	$0
Other				#N/A	$0.00	$0		$0	$0
VERY LOW PERMEABILITY COVER (in addition to above)									
Liner subgrade preparation - compact		m2		#N/A	$0.00	$0		$0	$0
Supply geomembrame		m2		#N/A	$0.00	$0		$0	$0
Install geomembrane		m2		#N/A	$0.00	$0		$0	$0
Protective cover - excavate,haul,spread&compact		m3		#N/A	$0.00	$0		$0	$0
Vegetate		ha		#N/A	$0.00	$0		$0	$0
Install infiltration/seepage instrumentation		allow		#N/A	$0.00	$0		$0	$0
CONSTRUCT DIVERSION DITCHES									
Excavate ditches -soil		m3		#N/A	$0.00	$0		$0	$0
Excavate ditches -rock		m3		#N/A	$0.00	$0		$0	$0
Rip rap in channel base		m3		#N/A	$0.00	$0		$0	$0
CONSTRUCT SEEPAGE COLLECTION POND									
Excavate seepage collection pond		m3		#N/A	$0.00	$0		$0	$0
Doze & spread excavated material		m3		#N/A	$0.00	$0		$0	$0
Vegetate spread material		ha		#N/A	$0.00	$0		$0	$0
Bedding layer		m3		#N/A	$0.00	$0		$0	$0
Supply geomembrane		m2		#N/A	$0.00	$0		$0	$0
Install geomembrane		m2		#N/A	$0.00	$0		$0	$0
Erosion protection layer		m3		#N/A	$0.00	$0		$0	$0
INSTALL GROUNDWATER COLLECTION SYSTEM									
Excavate/install sumps		m3		#N/A	$0.00	$0		$0	$0
Install pumping wells		m3		#N/A	$0.00	$0		$0	$0
Install pumps/pipelines/power supply		allow		#N/A	$0.00	$0		$0	$0
RELOCATE DUMPS									
Load, haul, dump or doze		m3		#N/A	$0.00	$0		$0	$0
Add lime		tonne		#N/A	$0.00	$0		$0	$0
Contour reclaimed area		ha		#N/A	$0.00	$0		$0	$0
Other				#N/A	$0.00	$0		$0	$0
SPECIALIZED ITEMS									
Install permanent instrumentation		each		#N/A	$0.00	$0		$0	$0
Install permanent instrumentation, drilling		each		#N/A	$0.00	$0		$0	$0
TREAT ROCK PILE SEEPAGE - see "Water Management"									
HEAP LEACH SEEPAGE TREATMENT - Cyanide Detox									
Cyanide destruction water treatment pumping		m3		#N/A	$0.00	$0		$0	$0
Reagents		tonnes		#N/A	$0.00	$0		$0	$0
Electrician/mechanic to maintain treatment plant		allow		#N/A	$0.00	$0		$0	$0
Equipment maintenance and parts		allow		#N/A	$0.00	$0		$0	$0
				Annual treatment costs		$0			
Number of years of treatment		years							
				Total treatment costs		$0			$0
HEAP LEACH SEEPAGE TREATMENT - ARD/ML**									
Upgrade/modify pumping system - report to WTP		allow		#N/A	$0.00	$0			$0
					Total	$0		$0	$0
					% of Total			0%	0%

* For construction of passive treatment system refer to "Water Management". ARD/ML seepage treatment becomes post-closure water treatment cost

**Heap leach ARD/ML seepage treatment becomes post-closure water treatment cost

Chemicals/Soil Area Name:

Note: The procedures, equipment and packaging for clean up and removal of chemicals or contaminated soils are highly dependent on the nature of the chemicals and their existing state of containment. Government guidelines should be consulted on an individual chemical basis. Any estimate made here should be considered very rough unless specific evaluations have been conducted.

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	Cost	% Land	Land Cost	Water Cost
HAZARDOUS MATERIALS AUDIT									
Hazardous materials audit		mandays		#N/A	$0.00	$0		$0	$0
Phase 1 audit		each	1	MBK	$7,500.00	$7,500		$0	$7,500
Phase 2 audit		each	1	MBK	$50,000.00	$50,000		$0	$50,000
BUILDING DECONTAMINATION & CONSOLIDATION OF HAZARDOUS MATERIALS									
Environmental technician/coordinator		mandays		#N/A	$0.00	$0		$0	$0
Decontaminate: oil, fuel		mandays		#N/A	$0.00	$0		$0	$0
Decontaminate maintenance shop		mandays		#N/A	$0.00	$0		$0	$0
Decontaminate power plant		mandays		#N/A	$0.00	$0		$0	$0
Decontaminate bulk fuel storage		mandays		#N/A	$0.00	$0		$0	$0
Decontaminate ANFO plant		mandays		#N/A	$0.00	$0		$0	$0
Decontaminate offices/warehouse/accom		mandays		#N/A	$0.00	$0		$0	$0
Removal of asbestos siding on buildings		m2		#N/A	$0.00	$0		$0	$0
Removal of friable asbestos on equipment		m2		#N/A	$0.00	$0		$0	$0
Other				#N/A	$0.00	$0		$0	$0
HAZARDOUS MATERIALS REMOVAL									
Waste oils		litre	325,161	ORL	$0.43	$139,819		$0	$139,819
Waste fuel (Type 1, e.g. diesel dregs)		litre	280,000	ORL	$0.43	$120,400		$0	$120,400
Waste batteries		quatrex	16	EXPLO	$75.00	$1,200		$0	$1,200
mill and water treatment reagents		kg	285,614	PCRH	$2.50	$714,035		$0	$714,035
Assay & environmental lab reagents		pallet	10	LCRH	$2,606.83	$26,068		$0	$26,068
Machine shop paints, solvents etc		litre	7,500	EXPLO	$1.50	$11,250		$0	$11,250
Glycol		kg	15,484	PCRH	$2.50	$38,710		$0	$38,710
Process reagents		kg		#N/A	$0.00	$0		$0	$0
Nuclear sources		allow		#N/A	$0.00	$0		$0	$0
Other hazardous materials		allow		#N/A	$0.00	$0		$0	$0
HAZARDOUS MATERIALS									
Transportation to disposal facility		allow		#N/A	$0.00	$0		$0	$0
Disposal fees		allow		#N/A	$0.00	$0		$0	$0
Other				#N/A	$0.00	$0		$0	$0
CONTAMINATED SOILS									
Contam. soil investigation - Phase 1		each		#N/A	$0.00	$0		$0	$0
Contam. soil investigation - Phase 2		each		#N/A	$0.00	$0		$0	$0
CONTAMINATED SOIL REMOVAL									
Excavate, load, haul to biopile or: Excavate and transport to onsite facility		m3	14,367.3	SC4L	$9.30	$133,616		$0	$133,616
Remediate on-site at biopile or: Manage hydrocarbon remediation at facility		m3	14,367.3	CSRL	$47.00	$675,263		$0	$675,263
Reagents/stabilizing agent		m2		#N/A	$0.00	$0		$0	$0
Excavate and transport to offsite facility		m3		#N/A	$0.00	$0		$0	$0
Contour decontaminated area		m3		#N/A	$0.00	$0		$0	$0
CONTAMINATED SOIL VERY LOW PERMEABILITY COVER									
Supply geomembrame, HDPE, ES3, GCL		m2		#N/A	$0.00	$0		$0	$0
Upper and lower bedding layers		m3		#N/A	$0.00	$0		$0	$0
Install geomembrane, HDPE, ES3, GCL		m2		#N/A	$0.00	$0		$0	$0
Erosion protection layer		m3		#N/A	$0.00	$0		$0	$0
Vegetate		m2		#N/A	$0.00	$0		$0	$0
Install infiltration/seepage instrumentation		allow		#N/A	$0.00	$0		$0	$0
Other				#N/A	$0.00	$0		$0	$0
OTHER									
				#N/A	$0.00	$0		$0	$0
					Total	$1,917,861		$0	$1,917,861
					% of Total			0%	100%

1 **Building / Equip Name:** **Bldg / Equip #: 1**

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	% Cost Land	Land Cost	Water Cost
DISPOSE MOBILE EQUIPMENT								
Decontaminate and ship off-site		tonne	27,500	AEM	$383.12	$10,535,800	$0	$10,535,800
Decontaminate and dispose on-site		tonne	27,500	AEM	$5.00	$137,500	$0	$137,500
Salvage Value		tonne	0	AEM	-$383.12	$0	$0	$0
Other				#N/A	$0.00	$0	$0	$0
REMOVE BUILDINGS - see note below								
Accomodation Complex (incl dorms, corridors, kitchen, laundry, dry, rec hall, ERT)		m2	18,783.8	BRS1L	$45.00	$845,270	$0	$845,270
Exploration camp - existing does not include fuel storage area		m2	2,883	BRS1L	$45.00	$129,735	$0	$129,735
Process Facilities - assumes 5000 TPD plant (including crushing building and crushed ore storage)		m2	44,363	BRS1H	$65.00	$2,883,595	$0	$2,883,595
Assay Lab		m2	1,248.3	BRS1L	$45.00	$56,174	$0	$56,174
Maintenance Shop		m2	4,966.7	BRS1L	$45.00	$223,502	$0	$223,502
Mine surface general (existing and future office and megadome, and explosive plant)		m2	1,921.8	BRS1L	$45.00	$86,482	$0	$86,482
Offices, Repair, Lab, Warehouse		m2		#N/A	$0.00	$0	$0	$0
Storage Facilites		m2		#N/A	$0.00	$0	$0	$0
Water and Wastewater Treatment Facilities		m2	840.1	BRS1L	$45.00	$37,805	$0	$37,805
Power Plant		m2	3,620.7	BRS1H	$65.00	$235,346	$0	$235,346
U/G Heating Plant		m2		#N/A	$0.00	$0	$0	$0
Emulsion Plant		m2	595	BRS1H	$65.00	$38,659	$0	$38,659
AN Storage Facility		m2		#N/A	$0.00	$0	$0	$0
Warehouse, Shops and Other		m2	1,930.5	BRS1L	$45.00	$86,873	$0	$86,873
Paste plant		m2	1,299.9	BRS1L	$45.00	$58,494	$0	$58,494
Storage Facility at Laydown/Airstrip		m2		#N/A	$0.00	$0	$0	$0
Incinerator building		m2	130.3	BRS1L	$45.00	$5,865	$0	$5,865
Fuel tanks-on site		m2	912	BRS1H	$65.00	$59,280	$0	$59,280
Fuel tanks - Itivia Harbour		m2	2,619	BRS1H	$65.00	$170,235	$0	$170,235
Freshwater intake		m2		#N/A	$0.00	$0	$0	$0
Reclaim pumps		m2		#N/A	$0.00	$0	$0	$0
Outfall & Diffuser		m2		#N/A	$0.00	$0	$0	$0
Airstrip lighting, navigation, electrician		mandays		#N/A	$0.00	$0	$0	$0
Airstrip lighting, navigation, mechanical		mandays		#N/A	$0.00	$0	$0	$0
Break foundation slabs	total of all buildings	m2		#N/A	$0.00	$0	$0	$0
Consolidate & dump boneyard debris		m3		#N/A	$0.00	$0	$0	$0
Guard house		m2	31.1	BRS1L	$45.00	$1,398	$0	$1,398
Other				#N/A	$0.00	$0	$0	$0
LANDFILL FOR DEMOLITION WASTE								
Place rock cover over operation landfill		m3	10,500	AEM	$8.47	$88,935	$0	$88,935
Place soil cover		m3		#N/A	$0.00	$0	$0	$0
Vegetate		ha		#N/A	$0.00	$0	$0	$0
Base, sides and cover of closure landfill (for demolition rubbish)		m3	58,924		$29.41	$1,732,955	$0	$1,732,955
GRADE AND CONTOUR PADS - see note below								
Accomodation Complex (incl dorms, corridors, kitchen, laundry, offices, dry, rec hall, ERT)		m3	12,291	AEM	$8.47	$104,105	$0	$104,105
Exploration camp - existing		m3	2,883	AEM	$8.47	$24,419	$0	$24,419
Process Facilities - assumes 5000 TPD plant (including crushing building and crushed ore storage)		m3	11,263	AEM	$8.47	$95,393	$0	$95,393
Assay Lab		m3	1,248.3	AEM	$8.47	$10,573	$0	$10,573
Maintenance Shop		m3	4,966.7	AEM	$8.47	$42,068	$0	$42,068
Mine surface general (office and megadome, and explosive plant)		m3	1,921.8	AEM	$8.47	$16,278	$0	$16,278
Offices, Repair, Lab, Warehouse		ha		#N/A	$0.00	$0	$0	$0
Storage Facilites		ha		#N/A	$0.00	$0	$0	$0
Water and Wastewater Treatment Facilities		m3	840	AEM	$8.47	$7,116	$0	$7,116
Power Plant		m3	3,621	AEM	$8.47	$30,667	$0	$30,667
U/G Heating Plant		ha		#N/A	$0.00	$0	$0	$0
Emulsion Plant		m3	595	AEM	$8.47	$5,038	$0	$5,038
Warehouse, Shops and Other		m3	1,931	AEM	$8.47	$16,351	$0	$16,351
Paste plant		m3	433	AEM	$8.47	$3,670	$0	$3,670
Storage Facilities (Laydown areas)		m3	66,800	MBK	$5.31	$354,708	$0	$354,708
Incinerator building		m3	130	AEM	$8.47	$1,104	$0	$1,104
Fuel tanks-on site		m3	912	AEM	$8.47	$7,725	$0	$7,725
Fuel tanks - Itivia Harbour		m3	2,619	AEM	$8.47	$22,183	$0	$22,183
Guard house		m3	31.1	AEM	$8.47	$263	$0	$263
Place rock cover		ha		#N/A	$0.00	$0	$0	$0
Vegetate		ha		#N/A	$0.00	$0	$0	$0
Other				#N/A	$0.00	$0	$0	$0
PUNCTURE LINED SUMPS								
Puncture liner and place soil cover		m3		#N/A	$0.00	$0	$0	$0
RECLAIM ROADS								
Remove culverts		each	12	MBK	$10,000.00	$120,000	$0	$120,000
Remove bridges		each	2	AEM	$50,000.00	$100,000	$0	$100,000
Scarify and install water breaks		ha	17	SCFYH	$6,030.00	$102,510	$0	$102,510
scarify roads (15m x 40km)		ha	60	SCFYL	$4,300.00	$258,000	$0	$258,000
Scarify airstriip		ha		#N/A	$0.00	$0	$0	$0
Scarify laydown areas		ha		#N/A	$0.00	$0	$0	$0
Vegetate		ha		#N/A	$0.00	$0	$0	$0
Other				#N/A	$0.00	$0	$0	$0
OBJECTIVE: BUILDING DECONTAMINATION & HAZ. MATERIAL REMOVAL								
Decontaminate, oil, fuel and glycol systems		mandays	120	AEM	$1,000.00	$120,000	$0	$120,000
Electrical		mandays	60	AEM	$1,000.00	$60,000	$0	$60,000
SPECIALIZED ITEMS								
Dispose of misc. debris and laydown area refuse				#N/A	$0.00	$0	$0	$0
					Total	$18,916,071	$0	$18,916,071
					% of Total		0%	100%

Note: Unit costs are based on 3m high, single storey building. Scale larger building areas accordingly. E.g. 10m high building multiply area by 3.3 (10/3)

1 **Capital Expenditures and Short Term Water Treatment identified in 'Instructions' worksheet**

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	Cost
BREACH DYKE EMBANKMENT						
Remove (Excavate) fill		m3	15,000	AEM	$8.47	$127,050
Contour water intake area		m3		#N/A	$0.00	$0
STABILIZE SEDIMENT PONDS/WATER MANAGEMENT PONDS						
Place soil cover		m3		#N/A	$0.00	$0
Doze & spread excavated material		m3		#N/A	$0.00	$0
Vegetate spread material		ha		#N/A	$0.00	$0
Rip rap in channel base		each		#N/A	$0.00	$0
REDIRECT RUNOFF/CONSTRUCT DIVERSION DITCHES						
Excavate ditches -soil		m3		#N/A	$0.00	$0
Excavate ditches -rock		m3		#N/A	$0.00	$0
Stabilize side slopes		m3		#N/A	$0.00	$0
Rip rap in channel base		m3		#N/A	$0.00	$0
BREACH DITCHES						
Excavate breaches		m3		#N/A	$0.00	$0
Backfill/recontour		m3		#N/A	$0.00	$0
Install flow dissipation		m3		#N/A	$0.00	$0
Vegetate remainder of ditch		m2		#N/A	$0.00	$0
DECOMISSION FRESH WATER SUPPLY						
Breach embankment		m		#N/A	$0.00	$0
Remove pump		LS		#N/A	$0.00	$0
Remove pipeline		m		#N/A	$0.00	$0
WATER CONTROL IN RECLAMATION QUARRY						
Install pumping system		LS		#N/A	$0.00	$0
Remove pumping system		LS		#N/A	$0.00	$0
REMOVE PIPELINES						
Remove pipes		m		#N/A	$0.00	$0
Concrete plug deep pipes		m3		#N/A	$0.00	$0
Other				#N/A	$0.00	$0
GROUNDWATER COLLECTION SYSTEM						
Excavate/install sumps		m3		#N/A	$0.00	$0
Install pumping wells		m3		#N/A	$0.00	$0
Install pumps/pipelines/power supply		LS		#N/A	$0.00	$0
CONSTRUCT CONTAMINATED WATER STORAGE POND						
Excavate pond		m3		#N/A	$0.00	$0
Doze & spread excavated material		m3		#N/A	$0.00	$0
Vegetate spread material		ha		#N/A	$0.00	$0
Bedding layer		m3		#N/A	$0.00	$0
Supply geomembrane		m2		#N/A	$0.00	$0
Install geomembrane		m2		#N/A	$0.00	$0
Erosion protection layer		m3		#N/A	$0.00	$0
CONSTRUCT PASSIVE TREATMENT SYSTEM (e.g. Constructed Wetland)						
Construct access roads		km		#N/A	$0.00	$0
Install HDPE piping system from collection pond		m		#N/A	$0.00	$0
Inter-cell flow structures		allow		#N/A	$0.00	$0
Install liners		m2		#N/A	$0.00	$0
Install growth media		m3		#N/A	$0.00	$0
Wetland vegetation		ha		#N/A	$0.00	$0
CONSTRUCT WATER TREATMENT PLANT						
Build treatment plant		LS		#N/A	$0.00	$0
Build sludge containment facility		LS		#N/A	$0.00	$0
					Total	$127,050

For cost of long-term/post-closure water treatment see "WATER TREATMENT" Worksheet"

1 **Post Closure Water Treatment - Identified as long term/post-closure in 'Instructions' worksheet**

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	Cost
ADDITION OF REAGENTS TO WTP						
H2O2		kg		#N/A	$0.00	$0
lime		kg		#N/A	$0.00	$0
ferric sulphate		kg		#N/A	$0.00	$0
ferrous sulphate		kg		#N/A	$0.00	$0
flocculents		kg		#N/A	$0.00	$0
Other				#N/A	$0.00	$0
LABOUR AND SUPPLIES						
Annual fuel		litres		#N/A	$0.00	$0
Annual power		kW-h		#N/A	$0.00	$0
Electrician/mechanic to maintain treatment plant		allow		#N/A	$0.00	$0
Equipment maintenance and parts		allow		#N/A	$0.00	$0
Misc. supplies, hoses, tools		allow		#N/A	$0.00	$0
Communications		allow		#N/A	$0.00	$0
Other				#N/A	$0.00	$0
WATER MANAGEMENT						
Water Treatment (reagents, equip. Op., labour)		m3	720,886	AEM	$0.62	$446,949
Water pumping from sumps and ponds to treatment plant		allow	1	AEM	$114,510.73	$114,511
WTP WATER SAMPLING AND ANALYSES						
Sampling equipment		allow		#N/A	$0.00	$0
Analyses		allow		#N/A	$0.00	$0
Shipping to laboratory		allow		#N/A	$0.00	$0
Reporting		allow		#N/A	$0.00	$0
Other				#N/A	$0.00	$0
SITE ACCESS						
Road maintenance (incl. snow removal)		allow		#N/A	$0.00	$0
Winter road tariff		allow		#N/A	$0.00	$0
Truck rental		allow		#N/A	$0.00	$0
Air support		allow		#N/A	$0.00	$0
				Annual water treatment costs		$561,460
Number of years of water treatment		years	3			
					Total	$1,684,380

1 **Interim Care and Maintenance**

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	Cost
INTERIM CARE & MAINTENANCE						
on-site caretaker		manmonths		#N/A	0	$0
extra personnel		manmonths		#N/A	0	$0
-electrician		manmonths		#N/A	0	$0
-mechanic		manmonths		#N/A	0	$0
annual fuel		litre		#N/A	0	$0
misc. supplies		allow		#N/A	0	$0
pick-up truck		each		#N/A	0	$0
small dozer		allow		#N/A	0	$0
small excavator		allow		#N/A	0	$0
snow machine		allow		#N/A	0	$0
communications		allow		#N/A	0	$0
SNP/AEMP water sampling & reporting		each		#N/A	0	$0
geotechnical assessment		each		#N/A	0	$0
interim water treatment				#N/A		$561,460
other		each		#N/A	0	$0
			Annual	Interim C&M Cost		$561,460
Number of years of ICM		years	$3		**Total**	$1,684,380

1 Post-Closure Monitoring & Maintenance:

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	Cost
MONITORING & INSPECTIONS						
Annual geotechnical inspection		each	1	VIH	$7,977.79	$7,978
Surface water sampling		each	1	WSH	$10,000.00	$10,000
Groundwater Sampling		each	1	WSH	$10,000.00	$10,000
Receiving/downstream water sampling		each	1	WSH	$10,000.00	$10,000
Monitoring program as per plan		each	0.5	AEM	$100,000	$50,000
Survey inspection		each		#N/A	$0.00	$0
Regulatory costs*		each		#N/A	$0.00	$0
Site water monitoring (AEMP and SNP)		each		#N/A	$0.00	$0
- Active closure and flooding		each		#N/A	$0.00	$0
- Post pit flooding		each		#N/A	$0.00	$0
Air Quality Monitoring Program (AQMP)		each		#N/A	$0.00	$0
Wildlife Effects Monitoring Program (WEMP)		each		#N/A	$0.00	$0
Vegetation Monitoring		each		#N/A	$0.00	$0
Other				#N/A	$0.00	$0
COVER MAINTENANCE						
Repair erosion - infill gullies		allow		#N/A	$0.00	$0
Repair erosion - upgrade diversion ditches		allow		#N/A	$0.00	$0
Remove problem vegetation		allow		#N/A	$0.00	$0
Repair animal damage		allow		#N/A	$0.00	$0
Repair/upgrade access controls		allow		#N/A	$0.00	$0
Other				#N/A	$0.00	$0
SPILLWAY MAINTENANCE						
Repair erosion		m3		#N/A	$0.00	$0
Clear spillway		each		#N/A	$0.00	$0
CWTS MAINTENANCE						
Maintain flow, restore vegetation		allow		#N/A	$0.00	$0
POST-CLOSURE WATER TREATMENT						
Subtotal, Annual post-closure costs						$87,978
Discount rate for calculation of net present value of post-closure cost, %				0.00%		
Number of years of post-closure activity				10 years		
Present Value of payment stream						$879,778

*Regulatory costs - annual reporting, management plans, progress reports etc.

Mobilization/Demobilization:

ACTIVITY/MATERIAL	Notes	Units	Quantity	Cost Code	Unit Cost	Cost
MOBILIZE HEAVY EQUIPMENT						
Excavators		each		#N/A	0	$0
Dump trucks		each		#N/A	0	$0
Dozers		each		#N/A	0	$0
Demolition shears		each	1	AEM	$1,000,000	$1,000,000
Crane		each		#N/A	0	$0
Loader		each		#N/A	0	$0
Compactor		each		#N/A	0	$0
Light duty vehicles		each		#N/A	0	$0
MOBILIZE MISC. EQUIPMENT						
Pump shipping		each		#N/A	0	$0
Pipe shipping		m		#N/A	0	$0
Minor tools and equipment		allow		#N/A	0	$0
Truck tires		allow		#N/A	0	$0
Other				#N/A	0	$0
MOBILIZE CAMP						
Reclamation activities		allow		#N/A	0	$0
Long term reclamation activities (eg pump flooding)		allow		#N/A	0	$0
MOBILIZE WORKERS						
rotations over reclamation period		manhours	105,120	AEM	$75.00	$7,884,000
crew transportation		each	312	AEM	$1,386.00	$432,432
Reclamation activities - transport		each		#N/A	0	$0
Reclamation activities - travel time		manhours		#N/A	0	$0
Long term reclamation activities (eg pump flooding) - transport		each		#N/A	0	$0
Long term reclamation activities (eg pump flooding) - travel time		each		#N/A	0	$0
Monitoring Airfare		each		#N/A	0	$0
WORKER ACCOMODATIONS						
Reclamation activities		manmonths	144	ACCM	$2,580.00	$371,520
Long term reclamation activities (eg pump flooding)		manmonths		#N/A	$0.00	$0
MOBILIZE FUEL						
Fuel freight - reclamation activities		litre		#N/A	0	$0
Fuel freight - long term reclamation activities		litre		#N/A	0	$0
Fuel freight accomodations		litre		#N/A	0	$0
WINTER ROAD						
Construction and operation		km		#N/A	0	$0
Limited winter use		km		#N/A	0	$0
Winter road tarriff		km		#N/A	0	$0
DEMOBILIZE HEAVY EQUIPMENT						
Excavators		km		#N/A	0	$0
Dump trucks		km		#N/A	0	$0
Dozers		km		#N/A	0	$0
Demolition shears		km		#N/A	0	$0
Crane		km		#N/A	0	$0
Loader		km		#N/A	0	$0
Compactor		each		#N/A	0	$0
Light duty vehicles		km		#N/A	0	$0
Other		km		#N/A	0	$0
DEMOBILIZE CAMP						
		allow		#N/A	0	$0
DEMOBILIZE WORKERS						
crew travel time		mandays		#N/A	0	$0
crew transportation		each		#N/A	0	$0
WINTER ROAD						
Construction and operation		km		#N/A	0	$0
Limited winter use		km		#N/A	0	$0
Winter road tarriff		km		#N/A	0	$0
					Total	**$9,687,952**

Unit Cost Table (for refining unit costs see "Estimator" worksheet)

Filter by unit

ITEM	Detail	COST CODE	UNITS	LOW $	HIGH $	SPECIFIED $	COMMENTS
Accomodation							
		ACCM	manday	100.00	175.00		
Buildings - Decontaminate							
	Asbestos	BDA	m2	25.60	51.20		Low: removal of asbestos siding & flooring; High: removal of insulated pipes, friable asbestos
Buildings - Remove							Unit costs are based on 3m high, single storey building. Scale areas accordingly.
	Wood	BRW	m2	27.50	41.00		
	Concrete	BRC	m2	40.00	65.00	6.00	Specified: puncture concrete foundation slabs
	Steel - teardown	BRS1	m2	45.00	65.00		
	Steel - for salvage	BRS2	m2	67.00	100.00		
Concrete work							
	Small pour	CSF	m3	426.50	639.75		Low: YK; High=1.5xLow
	Large pour	CLF	m3	353.50	530.25	2,130.00	Specified: concrete crown pillar
Contaminated Soils							
	ESA Phase 1	CS1	each	7500.00			Low: small, "clean" site
	ESA Phase 1	CS2	each	50000.00			Low: small, "clean" site
	Remediate on site	CSR	m3	47.00	146.00		
Dozing							
	doze rock piles	DR	m3	1.05	2.40		Low cost: doze crest off dump
	doze overburden/soil piles	DS	m3	0.95	3.80		High cost: push up to 300 m
Excavate Rock; Low Spec's and QA/QC							
	drill/blast/load/short haul	RB1	m3	11.40	17.05		Low:quarry operations for bulk fill
	drill/blast/load/long haul	RB2	m3	12.05	17.80		
	RB1 + spread and compact	RB3	m3	12.05	17.80		
	RB2 + spread and compact	RB4	m3	12.50	30.75		
	Specified activity	RBS	m3				
Excavate Rock; High Spec's and QA/QC							(e.g. ditch/spillway excavation)
	drill/blast/load/short haul	RC1	m3	12.05	17.80		Low:foundation excavation;High:spillway excavation
	drill/blast/load/long haul	RC2	m3	12.70	18.40		
	RC1 + spread and compact	RC3	m3	12.70	18.40		e,g, cover construction
	RC2 + spread and compact	RC4	m3	13.50	19.20		e,g, cover construction
	Specified activity	RCS	m3			175.00	Specified-drift excavation
Excavate Rip Rap							
	drill/blast/load/short haul/place	RR1	m3	13.50	17.75		High: quarry & place rip rap in channel
	drill/blast/load/long haul/place	RR2	m3	14.20	20.65		
	source is waste dump/short haul	RR3	m3	7.00			cost includes sorting
	source is waste dump/long haul	RR4	m3	7.60			
	Specified activity	RRS	m3				
Excavate Soil; Low Spec's and QA/QC							
	clear & grub	SBC	m2	3.40	5.00		
	excavate/load/short haul	SB1	m3	4.30	5.90		
	excavate/load/long haul	SB2	m3	4.60	7.30		
	SB1 + spread and compact	SB3	m3	5.10	8.90		Low: non-engineered; High:engineered
	SB2 + spread and compact	SB4	m3	5.50	11.00		Low: non-engineered; High:engineered
	Specified activity	SBS	m3	3.20	6.30		Low: rehandle waste rock dump by dozing; High:rehandle waste rock by hauling
	Tailings	SBT	m3	1.35	3.70	15.50	High:contour surface - wet or frozen; Specified:haul/place wet infill
Excavate Soil, High Spec's and QA/QC							
	excavate/load/short haul	SC1	m3	6.80	9.30		
	excavate/load/long haul	SC2	m3	7.10	11.75		
	SC1 + spread and compact	SC3	m3	8.90	14.20		Low: non-engineered; High:engineered
	SC2 + spread and compact	SC4	m3	9.30	23.20		Low: non-engineered; High:engineered (e.g. complex covers, low volume dam construction)
	Specified activity	SCS	m3			18.80	Backfill adit with waste rock
Fence							
		FNC	m	13.55	203.00		
Fuel and Electricity							
	Fuel cost - gas	FCG	litre	1.05	1.40		
	Fuel cost - diesel	FCD	litre	0.99	1.39		
	Fuel mobilization	FCM	litre	0.22	0.42		High: winter road usage
	Electricity	FCE	kW-h	0.17	0.19	0.49	Low and High:Yellowknife; Specified:diesel generator
Geo-Synthetics							
	geotextile	GST	m2	3.44			Supply and install
	geogrid	GSG	m2	5.75			
	liner, HDPE	GSHDPE	m2	7.95			Supply and install; large quantity
	liner, ES3	GSES3	m2	20.20			FOB Yellowknife
	geosynthetic installation	GSI	m2	3.16	14.00		Low:geotextile; High:ES3 or HDPE
	bentonite soil ammendment	GSBA	tonne	308.30	348.50		FOB Edmonton, add shipping & mixing
Grouting (/m3 of rock grouted)							
		grout	m3	236.55	286.75		High: cement, FOB Yellowknife
Laboratory Chemicals							
	Remove from site	LCR	pallet	1966.36	2606.83		

Unit Cost Table (for refining unit costs see "Estimator" worksheet)

Filter by unit

Labour & Equipment Rates						
Site manager	sman	$/hr	125.00	152.00		
Supervisor	super	$/hr	52.00	91.84		
Registered engineer	eng	$/hr	95.00	220.00		
Environmental coordinator	envco	$/hr	74.16	130.00		
Evironmental technologist	envtech	$/hr	36.00			
Electrician	elec	$/hr	74.00	95.00		
Journeyman - various	journey	$/hr	44.00	71.79		
Labour - skilled	lab-s	$/hr	41.00	49.60		
Labour - unskilled	lab-us	$/hr	31.00	43.98		
Equipment operator	oper	$/hr	41.00	65.00		
Heavy duty mechanic	mech	$/hr	49.00	72.85		
Water treatment plant operator	oper-wt	$/hr	41.00	59.86		
Security / first aid	safety	$/hr	36.00	66.97		
Administative staff	admin	$/hr	38.00	57.89		
Equipment rates include operator and fuel						
Loader - 4 cu.yd (3.06m3)	load-s	$/hr	175.00			
Loader - 7 cu.yd (5.35m3)	load-l	$/hr	315.00			
Excavator - 26.76-30.84 tonnes	exc-s	$/hr	190.00			
Excavator - 68.95+tonnes	exc-l	$/hr	420.00			
Grader	grad	$/hr	190.00			
Dump truck off hwy 30-50 tonnes	truck-s	$/hr	225.00			
Dump truck off hwy 55-75 tonnes	truck-l	$/hr	300.00			
dozer, small	dozers	$/hr	205.00	260.00		
dozer, large	dozerl	$/hr	490.00	565.00		
smooth drum compactor	comp	$/hr	155.00			
scooptram, 6 yd3 bucket	scoop	$/hr	170.00			
flat bed truck with hiab	hiab	$/hr	155.00			
fuel truck	ftruck	$/hr	150.00			
water truck	wtruck	$/hr	58.00	150.00		
Mobilize Heavy Equipment						
Road access	MHER	kmtonne	3.40	10.25		
Air access	MHEA	kmtonne	12.00			cargo rate>500lb
Mobilize Camp						
Road access	MCR	each	50000.00			refurbish existing camp
Mobilize Workers						
flight	MW	each	4500.00	9100.00		Low:e.g. 8 passenger; High: Dash 7
Oil Removal						
oil removal	OR	litre	0.43	1.20		Low:waste oil heater; High: ship offsite
PCB Removal						
Remove from site	PCBR	litre	40.20	46.90		Low: shipping, handling & disposal from Yellowknife
Pipes, small (<6in dia.)						
remove/dispose on site	PSR	m	1.00	24.00		Low: remove/dispose on site; High: remove/re-use
supply	PSS	m	6.10	11.10		Low:supply; High:supply and ship
install	PSI	m	25.00			
Pipes, large (>6in dia.)						
remove/dispose on site	PLR	m	22.00	72.00		Low: remove/dispose on site; High: remove/re-use
supply	PLS	m	129.00	143.00		Low:supply; High:supply and ship
install	PLI	m	50.00			
Power Lines						
remove/dispose on site	POWR	m	25.50			
Process Chemicals						
Remove from site	PCR	kg	0.45	2.50		Low: shipping, handling & disposal from Yellowknife
Pumps						
Pump capital cost	PC	each	195000.00			
Pump shipping	PS	each	2500.00			
Pump operating cost	POC	m3	0.12			pump operating costs should be calculated based on pump capacity, fuel costs, etc.
Pump maintenance	PM	allow	25000.00			
Pump removal - small	PR	each	3370.00	6742.00		
Pump to flood - install	PF	each	350000.00	450000.00		
Pump sand BackFill						
	PBF	m3	85.00	300.00		
Scarify - road/mine site						
	SCFY	ha	4300	6030	2150	
Shaft, Raise & Portal Closures						
Shaft & Raises	SR	m2	645.00	2132.00		Low:pre-cast concrete slabs, little site prep. Area=shaft+>1m all around
Portals	POR	m3	18.80	250.00	1200.00	Low:unit cost code SCS;High:excavate & backfill collapsed portal;Spec: installed pressure plug
Signs						
Signs	S	each	12.36	37.08		
Site Inspection Report						
	RPT	each	10000.00	20000.00		
SpillWay - Clear						
	SW	each	3000.00	7000.00		
Survey/Instrumentation						
	SI	each	1800.00	3600.00		2 person crew
Treatment Plant - Construct						
Small (< 1000 m3/d)	TPS	lump sum	9000000	15000000		

Unit Cost Table (for refining unit costs see "Estimator" worksheet)

	Filter by unit					
Large (> 1000 m3/d)	TPL	lump sum	15000000	46000000		
Constructed Wetland	CWTS	ha	200000	300000		
Treatment Plant - Operate						
	TPO	m3	0.35	2.00		
Treatment Chemicals						
ferric sulphate	ferric	kg	1.19			
ferrous sulphate	ferrous	kg	1.32			
lime	lime	kg	0.56			
hydrogen peroxide, 35%	hperox	kg	1.50			
Sodium Metabisulfate	Nametab	kg	1.18			
Caustic soda, 50%	caustic	kg	0.74			
Sulfuric acid, 93%	sulfuric	kg	0.31			
flocculant	flocc	kg	6.00			
copper sulphate	copper	kg				
shipping	shipping	kg	0.20			
Vegetation						
Hydroseed, Flat	VHF	ha	4000.00			
Hydroseed, Sloped	VHS	ha	4500.00			
Veg. blanket/erosion mat	VB	ha	13000.00			
Tree planting	VT	ha	2600.00	6000.00		
Wetland species	VW	ha			47.72	Specified= /m3, Wetland Growth Media Substrate mixed and installed (sand, biochar and fertilizer, woodchips)
Visual Site Inspection						
Visual site inspection	VI	each	3955.18	7977.79	11016.00	
Water Sampling/Analysis/Reporting						
	WS	each	7000.00	10000.00		
Winter Road						
Construction	WRC	km	2000.00	11500.00		
Usage	WRU	kmtonne	0.29			

Unit Cost Estimator

1 Equipment Productivity Figures and Graphs have been reproduced from Caterpillar Performance Handbook - Edition 42

EXCAVATION

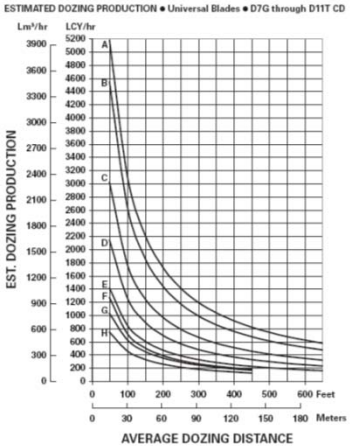
Productivity		
Machine Cat 336EL		
bucket capacity	3.16	m3
fill factor	75%	%
cycle time	45	seconds
operator skill	80%	%
machine availability	83%	%
altitude adjustment	100%	%
Hourly productivity	125.89	m3/hr
Operating Costs		
- Contractor		
Contractor hourly rate	$180.00	$/hr
Excavation cost - contractor rate	1.43	$/m3
- Owner		
ownership, daily		$/day
maintenance		$/hr
fuel		$/hr
consumables (cutters, tires)		$/hr
operator		$/hr
Owner hourly rate	$0.00	$/hr
Excavation cost - owner rate	$0.00	$/m3
Excavation cost - select contractor or owner rate (D22 or D31)		$/m3

HAUL AND DUMPING

Productivity		
Machine Cat 770		
truck capacity	25.1	m3
fill factor	80%	%
load time	6.0	min.
haul distance	1.5	km
average velocity	20.0	km/hr
haul time + return time	9.0	min.
wait time	0.5	min.
dump time	1.0	min.
cycle time	16.5	min.
machine availability	83%	%
altitude adjustment	100%	%
	13.7	/e. min/cycle
Hourly productivity	88.0	m3/hr
Operating Costs		
- Contractor		
Contractor hourly rate	$225.00	$/hr
Haul and Dump - contractor rate	2.56	$/m3
- Owner		
ownership, daily		$/day
maintenance		$/hr
fuel		$/hr
consumables (cutters, tires)		$/hr
operator		$/hr
Owner hourly rate	$0.00	$/hr
Haul/Dumping Cost - owner rate	$0.00	$/m3
Haul/Dumping Cost - select contractor or owner rate (I22 or I31		$/m3

SPREADING/DOZING

Productivity		
Machine Cat D8		
Estimate production using example curves provided or equivalent from other supplier	600	m3/hr
Correction factors (see table provided)		
operator skill	0.75	
material type, see table	0.80	
slot dozing	1.00	
side by side dozing	1.00	
visibility	1.00	
job efficiency	0.83	
altitude adjustment	1.00	
slope adjustment	1.00	
Hourly productivity	298.8	m3/hr
Operating Costs		
- Contractor		
Hourly rate - contractor supplied	$260.00	$/hr
Dozing - contractor rate	0.87	$/m3
- Owner		
ownership, daily		$/day
maintenance		$/hr
fuel		$/hr
consumables (cutters, tires)		$/hr
operator		$/hr
Owner hourly rate	$0.00	
Spreading/Dozing Cost - owner rate	$0.00	$/hr
Spreading/Dozing Cost - select contractor or owner rate (N22 or N31)		$/m3



KEY
A — D11T CD
B — D11T
C — D10T
D — D9T
E — D8T
F — D7E
G — D7R Series 2
H — D7G

NOTE: This chart is based on numerous field studies made under varying job conditions. Refer to correction factors following these charts.

Excavator

	Cat 320	Cat 325B	Cat 375
heaped bucket capacity, m3	1.5	2.2	5.4
	Typical Cycle Times (seconds)		
easy digging, shallow digging, small swing angle	16	18	20
med. to hard digging, rocky soil, swing angle to 90 deg.	23	23	25
tough digging, sandstone, caliche, at max. machine depth, swing angle > 120 deg.	27	29	35

Material	Fill Factor (% of heaped bucket capacity
Moist loam or sandy clay	100 - 110
sand and gravel (not till)	95 - 110
hard tough clay	80 - 90
rock - will blasted	60 - 75
rock - poorly blasted	40 -60

Operator Skill	poor	average	good
Correction factor	0.6	0.75	1

Machine availability	poor	average	good
Correction factor	0.9	0.95	1

Trucking

	Cat 771 D	Cat 777D	Cat 789C
Truck capacity - heaped, m3	27.5	60.5	137

Dozing

JOB CONDITION CORRECTION FACTORS

	TRACK-TYPE TRACTOR
OPERATOR —	
Excellent	1.00
Average	0.75
Poor	0.60
MATERIAL —	
Loose stockpile	1.20
Hard to cut; frozen —	
with tilt cylinder	0.80
without tilt cylinder	0.70
Hard to drift; "dead" (dry, non-cohesive material) or very sticky material	0.80
Rock, ripped or blasted	0.60-0.80
SLOT DOZING	1.20
SIDE BY SIDE DOZING	1.15-1.25
VISIBILITY —	
Dust, rain, snow, fog or darkness	0.80
JOB EFFICIENCY —	
50 min/hr	0.83
40 min/hr	0.67
BULLDOZER*	
Adjust based on SAE capacity relative to the base blade used in the Estimated Dozing Production graphs.	
GRADES — See following graph.	

*NOTE: Angling blades and cushion blades are not considered production dozing tools. Depending on job conditions, the A-blade and C-blade will average 50-75% of straight blade production.