



General Water Licence Application
(Application for a new Water Licence)

April 2010

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NUNAVUT IMALIRIYIN KATIMAYINGI
NUNAVUT WATER BOARD
OFFICE DES EAUX DU NUNAVUT

DOCUMENT MANAGEMENT

Original Document Date: April 2010

DOCUMENT AMENDMENTS

	Description	Date
(1)	Licence Application – all-weather access road	4 October 2011
(2)		
(3)		
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
(10)		



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**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) Meliadine Gold Project Agnico-Eagle Mines Ltd. 93, rue Arsenault bureau 202 Val d'Or, Québec, J0P0E9 Phone: 819 825 3744 Fax: 819 825 3770 Email: Eric.M.Lamontagne@agnico-eagle.com	2. APPLICANT REPRESENTATIVE CONTACT INFORMATION if different from Block 1 (name, address) John Witteman 601 – 2 Street Canmore, AB, T1W2K2 Phone: 819 277 5444 Fax: NA e-mail: jwitteman@agnico-eagle.com (Attach authorization letter.)								
3. NAME OF PROJECT (including the name of the project location) Phase 1 - Meliadine All-Weather Access Road – Meliadine Gold Project .									
4. LOCATION OF UNDERTAKING Project Extents <table border="0"> <tr> <td>NW: Latitude: (63° 01' 28.69" N)</td> <td>Longitude: (92° 47' 25.35 " W)</td> </tr> <tr> <td>NE: Latitude: (63°01'25.43 " N)</td> <td>Longitude: (93° 56' 18.77" W)</td> </tr> <tr> <td>SE: Latitude: (62°51'25.17" N)</td> <td>Longitude: (93° 55' 59.60 " W)</td> </tr> <tr> <td>SW: Latitude: (62° 51 ' 27.39" N)</td> <td>Longitude: (92° 50' 06.01" W)</td> </tr> </table> Camp Location(s) Latitude: (63° 01' 30" N) Longitude: (92° 10' 20" W)		NW: Latitude: (63° 01' 28.69" N)	Longitude: (92° 47' 25.35 " W)	NE: Latitude: (63°01'25.43 " N)	Longitude: (93° 56' 18.77" W)	SE: Latitude: (62°51'25.17" N)	Longitude: (93° 55' 59.60 " W)	SW: Latitude: (62° 51 ' 27.39" N)	Longitude: (92° 50' 06.01" W)
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SW: Latitude: (62° 51 ' 27.39" N)	Longitude: (92° 50' 06.01" W)								
5. MAP - Attach a topographical map, indicating the main components of the undertaking. NTS Map Sheet No.: 55 N/1 Map Name: Meliadine Lake Map Scale: 1:50,000 The Phase 1 road is between Rankin Inlet and the Meliadine site and will be 23.8 km long. Refer to figure 3.1-1 in the Project Description for the Phase 1 road location and alignment.									

6. NATURE OF INTEREST IN THE LAND

Does the proposed ~~amendment~~ change the nature of the interest in the land?

☐ Yes ☒ No

If Yes, indicate changes. **Please note that this is not an amendment, it is an application for a new class B licence.**

Check any of the following that are applicable to the proposed undertaking (at least one box under the 'Surface' header must be checked).

Sub-surface

☐ Mineral Lease from Nunavut Tunngavik Incorporated (NTI)

Date (expected date) of issuance: _____ Date of expiry: _____

☒ Mineral Lease from Indian and Northern Affairs Canada (INAC)

Date (expected date) of issuance: **issued before NLCA signed** Date of expiry: **varies – earliest 2017 for some concessions, others later.**

Surface

☒ Crown Land Use Authorization from Aboriginal Affairs and Northern Development Canada

Date (expected date) of issuance **late 2011** Date of expiry: **an easement lease for the Phase 1 all-weather access road will be negotiated with AANDC**

☐ 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: **expected late 2011** Date of expiry: **an easement lease for the Phase 1 all-weather access road and a quarry permit will be negotiated with the KIA**

☐ 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: **expected late 2011** Date of expiry: **an easement lease for the Phase 1 all-weather access road and possibly a quarry permit will be negotiated with Community and Government Services on behalf of the hamlet of Rankin Inlet.**

☒ Other **Commercial Lease from the Kivalliq Inuit Association**

Date (expected date) of issuance: **2002** Date of expiry: **30 June 2012(renewed annually)**

Is the name of the entity(s) holding authorizations the same as that considered in the existing water licence?

☒ Yes ☐ No

If No, a licence assignment must be completed and approved by the NWB.

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

7. NUNAVUT PLANNING COMMISSION (NPC) DETERMINATION

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

- | | |
|---------------------------------------|--|
| <input type="checkbox"/> North Baffin | <input checked="" type="checkbox"/> Keewatin |
| <input type="checkbox"/> South Baffin | <input type="checkbox"/> Sanikiluaq |
| <input type="checkbox"/> Akunnig | <input type="checkbox"/> West Kitikmeot |

Is a land use plan conformity determination required?

- ☐ Yes ☒ No

If Yes, indicate date issued and attach copy

If No, provide written confirmation from NPC confirming that a land use plan conformity review is not required. **On April 1, 2011, the NPC found the earlier Project application for an all-weather road in conformity with the Keewatin Regional Land Use Plan. See attached copy.****

The application for the Phase 1 all-weather access road is being sought under 12.10.2(b) of the Nunavut Land Claim Agreement and this does not change the earlier conformity determination.

8. NUNAVUT IMPACT REVIEW BOARD (NIRB) DETERMINATION

Is an Article 12 Part 4 screening determination required?

- ☐ Yes ☒ No

If Yes, indicate date issued and attach copy:

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

The application for the Phase 1 all-weather access road is being sought under 12.10.2(b) of the Nunavut Land Claim Agreement.

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

Refer to the Project Description for the Phase 1 all-weather access road.

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

Refer to the Project Description, Section 2.2 for alternatives methods considered in moving fuel from Rankin Inlet to the Meliadine site to allow advanced exploration to proceed.

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

- | | |
|--|--|
| <input type="checkbox"/> Industrial | <input type="checkbox"/> Agricultural |
| X Mining and Milling Construction of the Phase 1 all-weather access road having 8 culverts crossings and 3 bridges. | |
| <input type="checkbox"/> Conservation | <input type="checkbox"/> Recreational |
| <input type="checkbox"/> Municipal (includes camps/lodges) | <input type="checkbox"/> Miscellaneous (describe below): |
| <input type="checkbox"/> Power | |

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. **This appropriate SIG activity is not on this list below. The Supplemental Technical Information Required for Water Crossings (linear/bridge/culverts) is attached.**

- ☐ Hydrostatic Testing
- ☐ Tannery
- ☐ Tourist / Remote Camp
- ☐ Landfarm & On-Site Storage of Hydrocarbon Contaminated Soil
- ☐ Onshore Oil and Gas Exploration Drilling
- ☐ Mineral Exploration / Remote Camp
- ☐ Advanced Exploration
- ☐ 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.

- | | |
|---|---|
| <input type="checkbox"/> To obtain water for camp/ municipal purposes | <input type="checkbox"/> To divert a watercourse |
| <input type="checkbox"/> To obtain water for industrial purposes | <input type="checkbox"/> To modify the bed or bank of a watercourse |
| X To cross a watercourse | <input type="checkbox"/> Flood control |
| <input type="checkbox"/> To alter the flow of, or store water | |
| <input type="checkbox"/> Other: _____ | |

The 3 watercourses are to be crossed using single span bridges, which will not affect or impact the river/stream. Those crossed using culverts (8 in total) will see the stream bed modified by imbedding the culverts 300 mm into the steam bed to allow fish migration. See Section 3 in the Project Description for the watercourses affected and construction methods.

- 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.

Name of water source(s) (show location(s) on map): **Refer to figure 3.1-1 in the Project Description for the Phase 1 road. Three rivers/stream are to be crossed using single span bridges and eight ephemeral streams are to be crossed using culverts.**

Describe the quality of the water source(s) and the available capacity: **The water is pristine. No water will be used; it will only be conveyed from one side of the road to the other using culverts. The culverts will allow embedded 300 mm in the stream bed to allow fish passage. Protection measures will be taken to prevent TSS in the water downstream of the culverts. Refer to section 3 in the Project Description.**

Provide the overall estimated quantity of water to be used: **No water will be used** m³/day

Provide the estimated quantity(s) of water to be used from each source:
No water is to be used.

Indicate the estimated quantities to be used for each purpose (camp, drilling, etc.):
No water is to be used for any purposes.

Describe the method of extraction(s): _____

Estimated quantity(s) of water returned to source(s) **No water will be used** m³/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.

- | | |
|--|---|
| <input type="checkbox"/> Sewage | <input type="checkbox"/> Waste oil |
| <input type="checkbox"/> Solid Waste | <input type="checkbox"/> Greywater |
| <input type="checkbox"/> Hazardous | <input type="checkbox"/> Sludges |
| <input type="checkbox"/> Bulky Items/Scrap Metal | <input type="checkbox"/> Contaminated soil and/or water |
| <input type="checkbox"/> Animal Waste | |
| <input type="checkbox"/> Other (describe): Vehicles used in building the road will be serviced in Rankin Inlet. | |

- 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.

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. For each provide the following:

Authorization: Fisheries Authorization

Administering Agency: Department Fisheries and Oceans

Project Activity: Habitat alteration at the water crossings using culverts

Date (expected date) of issuance: N/A Date of expiry: DFO, in a letter of 29 April 2011, indicated that no fisheries authorization was required. They did however state that AEM had to abide by the applicable Operational Statements for Nunavut.

Authorization: Navigable Waters Protection Act

Administering Agency: Transport Canada

Project Activity: Single span bridge over navigable waters (Meliadine River)

Date (expected date) of issuance: early 2012 Date of expiry: no expiry date

Authorization: Easement Road Lease and Quarry permits on municipal land

Administering Agency: Community and Government Services

Project Activity: Building a road on municipal land and opening quarries

Date (expected date) of issuance: June 2011 Date of expiry: unknown

Authorization: Council motion approving the building of a road on municipal land

Administering Agency: Hamlet of Rankin Inlet

Project Activity: Approval to build all-weather road on Hamlet land

Date (expected date) of issuance: late 2011 Date of expiry: unknown

Authorization: Easement road lease on federal lands

Administering Agency: Aboriginal Affairs and Northern Development Canada

Project Activity: Building Phase 1 road across federal lands

Date (expected date) of issuance: late 2011 expiry date unknown

Authorization: Class 2 Archaeology Permit and subsequent approval

Administering Agency: Department of Culture, Language, Elders and Youth

Project Activity: Mitigation of archaeological sites in the road right-of-way and in potential quarries

Date (expected date) of issuance late 2011 Date of expiry: no expiry date

Authorization: if required Explosive Manufacturing Licence (obtained by contractors)

Administering Agency: Natural Resources Canada

Project Activity: Storage, manufacture and use of explosives at approved locations (to be obtained by contractor(s))

Date (expected date) of issuance: early 2012 Date of expiry: end of 2012

Authorization: Explosive Magazine Permit renewal

Administering Agency: Workers' Safety & Compensation Commission

Project Activity: Permits the placement of an explosive magazine(s) at approved locations along road right-of-way and in quarries

Date (expected date) of issuance early 2012 Date of expiry: December 2012

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

Refer to Project Description for Phase 1 road, Sections 4, 5 & 6.

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 licences 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.

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).

A Water Compensation Agreement is under negotiation with the Kivalliq Inuit Association.

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.

Refer to Project Description for the road, table 6.2.5-1 AEM Consultation on the All-weather Access Road

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.

Refer to Project Description for the Phase 1 road, section 10 Reclamation

22. FINANCIAL INFORMATION

Provide a statement of financial responsibility. AEM has set out to build a company that is focused on quality, growth and a strong financial position, while protecting the environment, maintaining a safe workplace and retaining full leverage to gold prices. AEM creates value for shareholders by growing gold production in regions of low political risk, with careful attention to *per share* metrics.

If the applicant is a business entity, provide a list of the officers of the company. Please refer to Agnico-Eagle Mines Ltd web site, <http://www.agnico-eagle.com/English/Our-Company/Directors/default.aspx>

If the applicant is a business entity attach a copy of the Certificate of Incorporation or evidence of registration of the company name. Agnico-Eagle Mines Limited is a company registered on the Toronto and New York Stock Exchanges trading under the symbol AEM.

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

Please refer to the Project Description for the road and the reference section at the end of each section for a complete list of studies and reports. Some of the more relevant studies can be found on the attached CD located in the binder

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

Construction
Proposed Start Date: March 2012 (month/year) Proposed Completion Date: Sept 2012 (month/year)
There will not be any in-water work from Aug 15 to Jun 30 at the Char & Meliadine Rivers. The abutments and installation of the girders for the Char and Meliadine bridges will be completed before break-up. Work on the deck of the bridge will continue into July. See the attached Project Schedule for the Phase 1 Road.

Operation
Proposed Start Date: May 2012 (month/year) Proposed Completion Date: Unknown (month/year)
The road will have continued use after the underground program, both by AEM and the residents of Rankin Inlet.

Closure
Proposed Start Date: Unknown (month/year) Proposed Completion Date: 2 months after initiation (month/year)
It is highly likely a mine will be established at the Meliadine site. At present it is unknown when the mine will go into production so a closure date remains cannot be fixed.

Post - Closure
Proposed Start Date: unknown month/year Proposed Completion Date: _____ (month/year)
Post closure will monitor for erosion and the emergence of vegetation on the scarified road surface.

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

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

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

Closure unknown
☐ Winter ☐ Spring ☒ Summer ☐ Fall ☐ All season

Post – Closure unknown
☐ Winter ☐ Spring ☒ Summer ☐ Fall ☐ All season

25. PROPOSED TERM OF LICENCE

Number of years (maximum of years): **3 years.** The Phase 1 road will remain in operation until the Project Certificate for the mine is received from the Nunavut Impact Review Board. At this point the Phase 2 road would be built over the Phase 1 road, and it would fall under the class A licence for the mine.

Requested Date of Issuance: **early February 2012** Requested Expiry Date: **May 2015**
(month/year) (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.

The standardized form is being used along with a detailed report of all activities.

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 _____

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

☐ Yes X No If no, date expected **November 2011**

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 **Sent by separate letter** ☐ 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.

X Yes **Sent by separate letter** ☐ No . If no, date expected _____

28. SIGNATURE

Eric M. Lamontagne

**Project Manager
Meliadine Gold Project**



**4 October
2011**

Name (Print)

Title (Print)

Signature

Date

AGNICO-EAGLE MINES LTD
Meliadine Project
All Weather Project Access Road - PHASE 1

REVISION: 01
September 2011

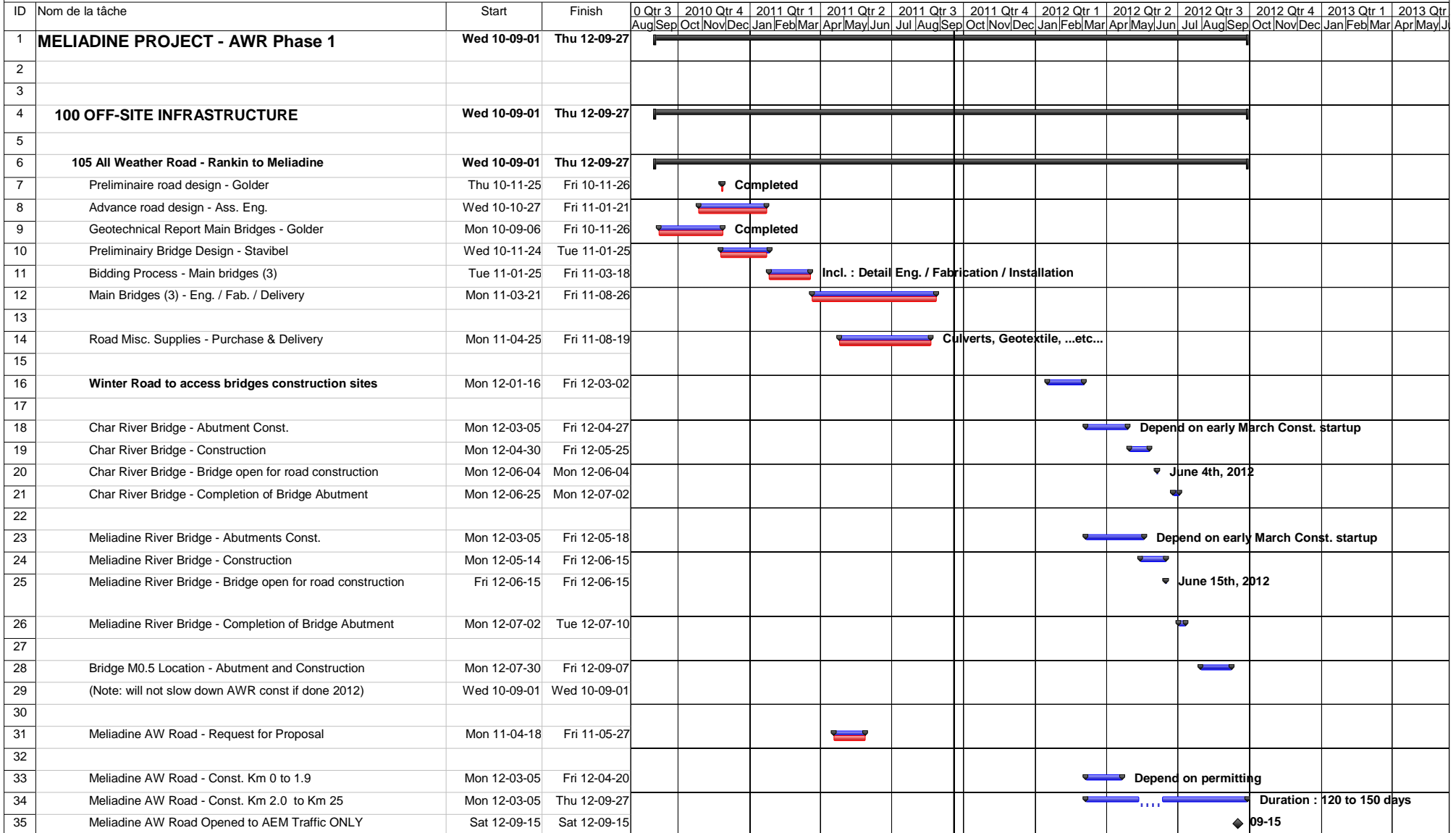


Figure 2-3 Proposed Phase 1 Construction Schedule