



December 13th, 2016

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

Kofi Boa-Antwi
Technical Advisor II
Nunavut Impact Review Board
29 Mitik Street, Cambridge Bay, X0B 0C0

Re: Water License 2AM-MEL1631 Part D, Item 3 / NIRB Project Certificate 11MN034
Condition 18 - Submission of Construction Summary Report for Culvert3 and
Culvert4

Mr. Kharatyan, Mr. Boa-Antwi,

As part of its water management strategy and to minimize the potential negative impacts of mining development on the surrounding environment including habitats for fish and wildlife, and to facilitate mine operation and long-term closure and reclamation of the mine site, Agnico Eagle - Meliadine Project installed two (2) culverts (Culvert3 and Culvert4 as per the 2AM-MEL1631 Water Management Plan) along the service road to the industrial pad. The construction was completed on October 14, 2016.

In accordance with Water License 2AM-MEL1631, Part D, Item 3 and Schedule D, and Project Certificate 11MN034 Condition 18, please find enclosed with this letter, a copy of the Construction Summary Report for Culvert3 and Culvert4.

Should you have any questions regarding this submission, do not hesitate to contact me.

Best regards,



Agnico Eagle Mines Limited – Meliadine Division

A handwritten signature in blue ink, appearing to be "Manon Turmel".

Manon Turmel
manon.turmel@agnicoeagle.com
819-759-3555 x8025
Environmental Compliance Counselor

cc: *Jamie Quesnel, Agnico Eagle Mines*
Ian Parsons, Indigenous and Northern Affairs Canada
Luis Manzo, Kivalliq Inuit Association

CONSTRUCTION SUMMARY REPORT FOR CULVERT3 AND CULVERT4 MELIADINE PROJECT, NUNAVUT



PRESENTED TO
Agnico Eagle Mines Ltd.

DECEMBER 2016
ISSUED FOR USE
TETRA TECH PROJECT NUMBER: 28920
AGNICO EAGLE DOCUMENT NUMBER: 6515-E-132-005-132-REP-005

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Appendix A	As-built drawings of Culvert3 and Culvert4
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1.0 INTRODUCTION

Agnico Eagle Mines Limited (Agnico Eagle) retained the services of Tetra Tech to carry out the planning and design works associated with the Water and Environment and the Civil Works components of the Meliadine Project, a gold mine located approximately 25 km north from Rankin Inlet, and 80 km southwest from Chesterfield Inlet in the Kivalliq Region of Nunavut. As part of the scope of work, Agnico Eagle asked Tetra Tech to:

- Conduct a detailed design for the service roads and temporary roads, as part of the 2016 civil work construction schedule, including the crossing culverts;
- Produce construction drawings and specifications for the roads and culverts;
- Prepare design and construction summary reports of the culverts.

As required by the Water Licence A, this report summarizes the construction work of Culvert3 and Culvert4 of the service road which links the operation fuel farm to the industrial site. Included in this report is:

- A summary of the characteristics of the culverts;
- Documentation on field decisions that deviate from original plans;
- As-built drawings;
- A survey drawing;
- A photograph of culvert3.

2.3 Culverts characteristics

The culverts characteristics are presented in the table below. For control erosion purposes, rip rap was installed around the culvert inlet and outlet areas.

	Culvert3	Culvert4
Material	standard galvanized corrugated steel pipes	standard galvanized corrugated steel pipes
Diameter	900 mm	900 mm
Length	30.08 m	30.04 m
Number of culverts in each group	3	1
Slope	1.3%	2.4%

2.4 Drawings and photographs

As-built drawings are presented in Appendix A.

A survey drawing can be found in Appendix B.

A photograph of Culvert3, taken from the upstream side, is shown in Appendix C.

3.0 DOCUMENTATION ON FIELD DECISIONS THAT DEVIATE FROM ORIGINAL PLANS

The lengths of the culverts installed are longer than those proposed in the original plans and design report. The culverts were lengthened to adjust for site conditions. The table below presents the lengths of the culverts originally proposed versus the lengths of the culverts built.

	North – Service road to industrial pad (Culvert3)	South – Service road to industrial pad (Culvert4)
Original length of each culvert (m)	27.3	23.2
Actual length of each culvert (m)	30.08	30.04

4.0 LIMITATIONS OF REPORT

This report and its contents are intended for the sole use of Agnico Eagle Mines Ltd. and their agents. Tetra Tech does not accept any responsibility for the accuracy of any of the data, the analysis, or the recommendations contained or referenced in the report when the report is used or relied upon by any Party other than Agnico Eagle Mines Ltd., or for any Project other than the proposed development at the subject site. Any such unauthorized use of this report is at the sole risk of the user. Use of this report is subject to the terms and conditions stated in Tetra Tech's Services Agreement.

5.0 CLOSURE

We trust this report meets your present requirements. If you have any questions or comments, please contact the undersigned.

Respectfully submitted,
Tetra Tech



2016/12/09

Prepared by:
Melanie Yip Woon Sun, P.Eng.
Direct Line: 514.257.2427 x3177
Melanie.YipWoonSun@tetrattech.com



Reviewed by: *Josée Alarie*
Josée Alarie, P.Eng. 2016-12-09
Direct Line: 514.257.2427 x3323
Josée.Alarie@tetrattech.com

APPENDIX A

As-built drawings

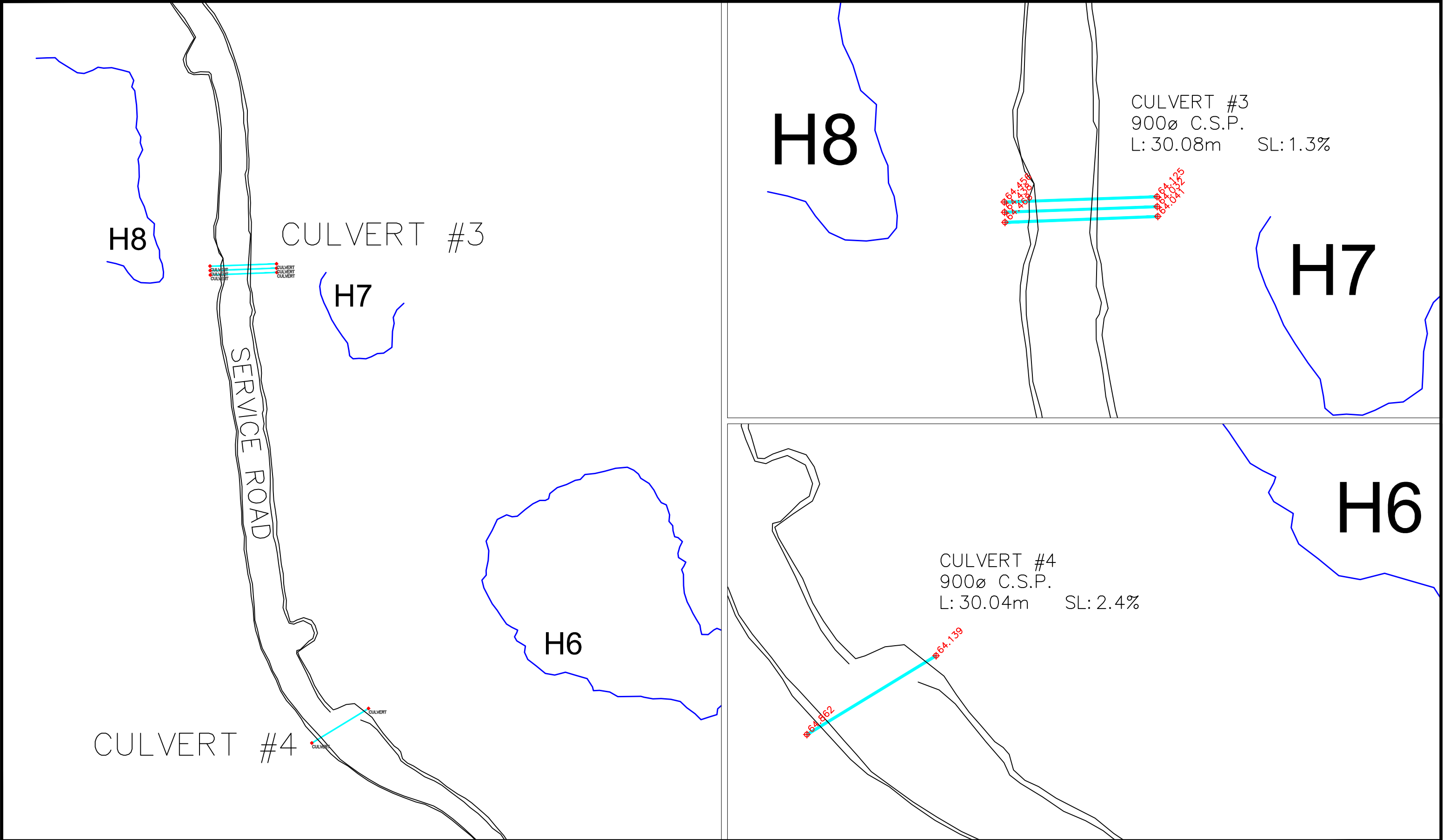
DATE : 2016-12-05



No. DESSIN/ DRAWING NO. <div style="font-size: 1.5em; font-weight: bold;">65-695-230-209</div>	REVISION <div style="font-size: 1.5em; font-weight: bold;">1</div>	FEUILLE/SHT <div style="font-size: 1.5em; font-weight: bold;">1 / 2</div>
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APPENDIX B

Survey drawings



	Système de Coord.: NAD83 UTM15	No plan: As Built – Culvert 3&4.dwg	AS BUILT CULVERT #3 & #4	AGNICO EAGLE	Date des travaux : 2016	Dessine par: JF Landreville
	Echelle: n/a				Date d'envoi : 2016-11-14	Approuve par: Hamel Arpentage

APPENDIX C

Photograph of Culvert3

Picture 1 :

Culvert3 viewed from the upstream side

