

As Built Report Pad for Water Treatment Plant

In Accordance with Licence 2AM DOH 1335, Part D, item 1

Prepared by:

Agnico Eagle Mines Limited – Hope Bay Division



AGNICO EAGLE

Hope Bay

As Built Report
Water Treatment Plant Pad

January 2023

DOCUMENT CONTROL

Version	Date (YMD)	Section	Page	Revision
R0	2022-01-31			As Built report



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1 INTRODUCTION

1.1 SITE LOCATION AND ACCESS

The Doris Project is a gold mining and milling undertaking of Agnico Eagle. The Project is located 705 km northeast of Yellowknife and 153 km southwest of Cambridge Bay in Nunavut Territory and is situated east of Bathurst Inlet. Agnico Eagle is currently operating the Doris Project under an existing water license.

1.2 SITE FACILITIES

The current mine plan focuses on the development of the Doris gold deposit which is mined using underground mining operations. Current mining facilities to support the Mine include a camp for accommodations, tailings storage facility, rock storage facilities, ore pads, process plant, power plant, maintenance facilities, water management treatment plants and supporting water management infrastructure.

1.3 PURPOSE OF DOCUMENT

As required by the Water License A (No. 2AM DOH 1335), this report summarizes the construction Pad of a future water treatment plant. Included in this report are:

- A description of the Pad;
- Documentation on field decisions that deviate from the original plans;
- Pad location; and
- Photographs.

The purpose of this report is not to describe the design of the water treatment process which will be installed on the Pad. The water treatment process will be submitted in another as built report package.

2 CONSTRUCTION SUMMARY

2.1 PAD PURPOSE AND DESCRIPTION

The contact water from the tailing impoundment area (TIA) will be treated for total suspended solid removal within a future water treatment plant (WTP); and discharged according to the current licences/permit requirements to the Roberts Bay using the existing discharge station and diffuser. The purpose of this report is to describe the construction of the pad only which will support the future water treatment process.

The new pad for the future water treatment plant occupies approximately 4080 m². The existing pumping stations in TIA and the reclaim station to the mill will be repositioned also on a pad close to the water treatment plant pad.

The pad is located on an outcrop. Material used for the pad are residual rock material from the drill and blast activity on the outcrop.

Run off on material used for construction are contained within the TIA watershed.

2.2 LOCALIZATION

The Pad is located in the TIA watershed close to the north dike. Appendix A show the location of the new pad.

2.3 CONSTRUCTION

The Pad material used was originating from the outcrop where the pad is located. To recover this rock, drill and blast activities were performed. Approximately 6952 m³ of rock were used and required 30 blasts (21 holes per blast).

The equipment used were the following:

- 2 haul trucks,
- 2 Air drill,
- 2 excavators,
- 1 Dozer.

2.4 CONSTRUCTION SCHEDULE

The construction was conducted between June 2022 and October 2022. Note that the final grading is not completed at the moment of the writing of this report. Final grading and final as built drawing of the pad will be submitted with the WTP as built report (including process and building construction) latter.

Table 1: Construction Activities

Activities	Months					
	June 2022	July 2022	August 2022	September 2022	October 2022	Spring 2023 ¹
Access Road	X	X	X			
Drill and Blast			X	X		
Mucking Out				X	X	
Pad Levelling				X	X	
Building Footing excavation					X	
Final Grading on the Pad						X

2.5 FIELD DECISIONS THAT DEVIATE FROM ORIGINAL DESIGN

No variations from the original design were noted during the construction of the Pad.

2.6 AS BUILT SURVEY AND PHOTOGRAPHS

As-built documentation is presented in Appendices B and C:

- Pad Survey;
- Photographs.

¹ Expected date

Appendix A: General Location



NOTES

2. CONTOURS SHOWN AT 10m INTERVAL

- ## REFERENCES

NAD83.

- _____

DESSINS EN RÉFÉRENCE / REFERENCE DRAWINGS

SITE PLAN	62-693-230-003
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[illegible]

0	2022-06-01	ISSUED FOR CONSTRUCTION	PL	JK	SG
REV.	DATE	DESCRIPTION	PAR/BY	APP.	CLIENT

4



DESSINÉ PAR	DATE
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ÉCHELLE SCALE	1:20 000	DATE	2022-06-01
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NO. DESSIN
DRAWING NO. 62 683 330 003

NO. PROJ PROJECT NO.	SRK: CAPR001862	REVISION	FEUILLE / SHEET
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Appendix B: Pad Survey

E: 434505.93
N: 7559103.46
ELEV: 41.26

Quantity Blast WTP 6952 m³

E: 434557.79
N: 7559122.73
ELEV: 42.07

E: 434596.01
N: 7559059.46
ELEV: 41.81

E: 434545.12
N: 7559030.05
ELEV: 42.17



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TITRE / TITLE

DWG

DESSINS EN RÉFÉRENCE/REFERENCE DRAWINGS

REV	DESCRIPTION	DATE	PAR BY

REVISIONS

DESSINÉ PAR DRAWN BY	Y.HAMEL	DATE	2022-11-30
VÉRIFIÉ PAR CHECKED BY			
APPROUVÉ PAR APPROVED BY			
No. PROJET PROJECT NO.	6205		
DATE	2022-11-30		

TITRE / TITLE	AGNICO-EAGLE – DIVISION HOPE BAY PROJECT WTP AREA DRILL & BLAST PLAN VIEW
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ÉCHELLE/ SCALE	NA	FICHIER FILE	.DWG
No. DESSIN/ DRAWING NO.	62-693-230-WTP-AREA	REVISION	FEUILLE/SHIT 1 / 1

Appendix C: Construction Pictures



Location of the Pad before construction



Pad Construction – Drill and Blast



Pad Construction – Excavation & Levelling



Pad Before Final Levelling – Building footing excavation