

REVIEW of WATER LICENSE 2AM-MEL1631
PART F, ITEM 9 – OPERATION and MAINTENANCE
MANUAL for the EFFLUENT WATER TREATMENT
PLANT



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Prepared For: NUNAVUT WATER BOARD

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EXECUTIVE SUMMARY

The Kivalliq Inuit Association (KivIA) has completed a review of the operation and maintenance manual for the effluent water treatment plant related to Nunavut Water Board (NWB) water license 2AM-MEL1631 part F, item 9. Several comments related to the sections of the AEM report that was submitted to the NWB are outlined in the following text.

1.0 INTRODUCTION

The Kivalliq Inuit Association (KivIA) has completed a review of Agnico Eagles Mines Ltd.'s (AEM) operation and maintenance manual for the effluent water treatment plant. This manual was submitted to the Nunavut Water Board (NWB) under NWB water license 2AM-MEL1631, part F, item 9. The KivIA are pleased to provide the following comments and recommendations.

2.0 SUMMARY of COMMENTS

The following comments are related to the sections of the AEM report that was submitted to the NWB.

Section 2.1.2 (page12, paragraph 2): What will be the volume of solids flushed to CP1 in the first season prior to the mill beginning operation? Will the volume of solids be reported on an annual basis?

Section 2.1.6 (page13, paragraph 1): What value is considered "high-high turbidity" which would trigger an alarm?

Section 2.1.6 (page13, paragraph 4): Will the treatment plant performance be reported annually in relation to the formula based on the laboratory testing? Is there the possibility of comparing this plant's performance to similar plants as a way to improve the performance (ie. the Meadowbank effluent water treatment plant)?

Section 3.1 (page14, paragraph 3): Is there the possibility of comparing the preventative maintenance program to similar plants as a way to improve the preventative maintenance (ie. the Meadowbank effluent water treatment plant)?

Section 3.2 (page14, paragraph 3): Is there the possibility of comparing the preventative maintenance program to similar plants as a way to improve the preventative maintenance (ie. the Meadowbank effluent water treatment plant)?

Section 3.3 (page14, paragraphs 1, 2 and 3): Is there a back-up power source for the the alarms if the main power system is disrupted?

Section 4.2 (page17, paragraph 1): Are all spills reported to the Nunavut Spill Line?

Section 4.3 (page17, paragraphs 1, 2 and 3): What is the maximum capacity of CP-1 to hold the flow from the effluent water treatment plant during a plant malfunction? Based on the daily operation of the plane what length of time would it take to reach the maximum capacity of CP-1?