MELIADINE PROJECT

WATER LICENCE AMENDMENT

MARCH 30-31, 2021

ᑕᓯᕐᔪᐊᕐᒥᑦ ᐱᓕᕆᐊᑦ

ᐃᒪᕐᒥᒃ ᓚᐃᓴᓐᓯᒥᒃ ᐋᖅᑭᒋᐊᖅᓯᓂᖅ

ᓇᑦᑎᐊᑦ 30-31, 2021

AGNICO EAGLE

PRESENTATION OVERVIEW

ᑕᑯᕋᓐᓈᒐᕐᒥᑦ ᐱᔾᔪᑎᖃᖅᑐᖅ

AGNICO EAGLE

1. Introduction
   - Overview Project Components
2. Status of the Application Review
   - Information Requests
   - Technical Comments
   - Final Written Statements
   - Commitments from Technical Meeting / Pre-hearing Conference
3. Consultation and Engagement
4. Project Description Details
5. Health of the Meliadine Lake
6. Conclusion

1. ᓇᓗᓇᐃᔭᐃᓂᖅ
   - ᐱᔾᔪᑎᖃᖅᑐᖅ ᐱᓕᕆᐊᑉ ᐃᓚᖏᑦ
2. ᖃᓄᐃᓐᓂᖓ ᑕᑕᑎᒐᒃᓴᐅᑉ ᕿᒥᕐᕈᓂᖓ
   - ᑐᑭᓯᐅᒪᔾᔪᑎᓂᒃ ᑐᒃᓯᕋᐅᑕᐅᔪᑦ
   - ᐱᓕᕆᐊᒧᑦ ᐅᖃᐅᓯᒃᓴᐃᑦ
   - ᑭᖑᓪᓕᖅᐸᕐᒥᑦ ᑎᑎᕋᖅᓯᒪᔪᑦ
   - ᐊᖏᕈᑎ ᑲᑎᒪᓐᓂᑯᓂᑦ/ᑲᑎᒪᓂᐊᓵᖅᖃᖅᑎᓐᓇᒋᑦ ᑲᑎᒪᓂᖅ
3. ᐅᖃᖃᑎᖃᕐᓂᖅ ᐊᒻᒪᓗ ᐃᓚᐅᖃᑕᐅᑎᑦᑎᓃᑦ
4. ᐱᓕᕆᐊᑉ ᖃᓄᐃᑦᑑᓂᐊᕐᓂᖓ ᓇᓗᓇᐃᔭᖅᓯᒪᔪᑦ
5. ᖃᓄᐃᓐᓂᖓ ᑕᓯᕐᔪᐊᖅ
6. ᖃᐅᔨᔭᐅᔪᖅ

INTRODUCTION
ᑐᑭᓯᑎᑦᑎᓂᖅ

PROJECT TIMELINE

ᐱᓕᕆᐊᖅ ᖃᖓᒃᑰᖓᓂᖓ

The Water Licence Amendment application needs to be approved in early 2021 in order to be operational in time for the additional water to be released.

ᐃᒪᕐᒧᑦ ᓚᐃᓴᓐᓯᒥᒃ ᐋᖅᑭᒋᐊᖅᓯᓂᕐᒧᑦ ᑐᒃᓯᕋᐅᑎ ᓈᒻᒪᒋᔭᐅᔭᕆᐊᖃᖅᑐᖅ ᐱᒋᐊᓵᕐᓂᖓᓂᑦ ᐅᑭᐅᖅ 2021 ᐊᐅᓛᖅᑎᑦᑎᓂᖅ ᓈᒻᒪᐅᑎᓂᐊᕐᓗᓂ ᐃᒪᕐᒥᒃ ᓴᐸᑯᐃᒃᑲᓐᓂᕆᐊᖃᕐᓂᐊᖅᑐᒥᒃ.

Application was submitted to NWB on August 27th, 2020

ᑐᒃᓯᕋᐅᑎ ᑐᓂᔭᐅᓚᐅᖅᑐᖅ ᓄᓇᕗᒻᒥ ᐃᒪᓕᕆᔨᒃᑯᓐᓄᑦ ᐊᑯᓪᓕᕈᕐᕕᒃ 27, 2020-ᒥᑦ.

September to December 2020 - NWB review and receive comments from the public and interveners

ᐊᒥᕋᐃᔭᕐᕕᖕᒥᑦ (ᓯᑎᐱᕆ) ᐋᒡᔪᓕᕐᕕᒃ (ᑎᓯᐱᕆ) 2020-ᒧᑦ - ᓄᓇᕗᒻᒥ ᐃᒪᓕᕆᔨᒃᑯᑦ ᕿᒥᕐᕈᓚᐅᖅᑐᑦ ᐊᒻᒪᓗ ᐅᖃᐅᓯᐅᔪᓂᒃ ᐱᐸᓗᑎᒃ ᐃᓄᓗᒃᑖᓂᒃ ᐊᒻᒪᓗ ᐃᓚᐅᓕᖅᑐᓂᑦ

December - January 2020- early 2021 Water License Amendment Application hearings and community round table

ᐋᒡᔪᓕᕐᕕᖕᒥᑦ (ᑎᓯᐱᕆ) ᑕᖅᑮᓇᕐᔪᐊᖅ (ᔭᓄᐊᕆ) 2020 ᐱᒋᐊᓵᖅᑎᓪᓗᒍ 2021 ᐃᒪᕐᒧᑦ ᓚᐃᓴᓐᓯᒥᒃ ᐋᖅᑭᒋᐊᖅᓂᕐᒧᑦ ᑐᒃᓯᕋᐅᑎᐅᑉ ᒥᒃᓵᓄᑦ ᑲᑎᒪᑎᑦᑎᓃᑦ ᐊᒻᒪᓗ ᓄᓇᓕᖕᒥᑦ ᑲᑎᒪᔨᑦ

Q1 2021 - NWB decision

Q1 2021 - ᓄᓇᕗᒻᒥ

Q2 2021 - operational before spring

Q2 2021 - ᐊᐅᓛᓕᖅᑎᓪᓗᒍ ᐅᐱᕐᓇᒃᓵᑉ ᑐᖓᓂᑦ

PROJECT COMPONENTS

ᐱᓕᕆᐊᑉ ᐃᓚᖏᑦ

Agnico Eagle is recommending changes to the approved project activities under ‘**Type A Water Licence 2AM-MEL1631**’.

Agnico Eagle is seeking approval of the following changes:

- Updated total dissolved solids, also known as TDS, limits to Meliadine Lake
- Increase of yearly freshwater use;
- Updated waste rock management strategy
- Additional laydown area
- Construction of site access roads
- Updated Interim Closure and Reclamation Plan

ᐊᒡᓃᑯᒃᑯᑦ ᐊᓯᐊᙵᖅᓯᔪᒪᔪᑦ ᓈᒻᒪᒋᔭᐅᔪᖅ ᐱᓕᕆᐊᕐᒥᑦ ᖃᓄᐃᓕᐅᕐᓂᖏᓐᓂᑦ ᒪᓕᒃᑐᒍ ‘**Type A ᐃᒪᕐᒧᑦ ᓚᐃᓴᓐᓯ 2AM-MEL1631**’.

ᐊᒡᓃᑯᒃᑯᑦ ᓈᒻᒪᒋᔭᐅᕐᑯᔭᖏᑦ ᐅᑯᐊ ᐊᓯᐊᙵᖅᑐᑦ:

- ᐅᑉᐳᒥᒧᓕᖅᓯᒪᔪᑦ ᑲᑎᕝᑐᒋᑦ ᓄᖑᑎᖅᑐᑦ ᓯᑎᔪᐃᑦ, ᖃᐅᔨᒪᔭᐅᖏᑦ TDS-ᑐᑦ, ᑭᒡᓕᐅᔪᑦ ᑕᓯᕐᔪᐊᕐᒧᑦ
- ᐊᖏᒡᓕᒋᐊᕐᓂᖓ ᐅᑭᐅᑕᒫᑦ ᐃᒪᑦᑎᐊᕙᒃᑐᕐᓂᖅ
- ᐅᑉᐳᒥᒧᓕᖅᑐᖅᓯᒪᔪᖅ ᐃᒪᕐᒥᒃ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᖃᓄᖅᑑᕈᑎ
- ᐱᕐᑯᑎᓄᑦ ᐃᓂᒃᓴᖃᕐᕕᒃᑲᓐᓂᖅ
- ᐅᔭᕋᒃᑕᕆᐊᕐᒥᑦ ᐊᑉᕐᑯᓯᐅᕐᐳᑕ
- ᐅᑉᐳᒥᒧᓕᖅᑐᖅᓯᒪᔪᖅ ᐅᒃᑯᐊᖅᐸᓪᓕᐊᓕᖅᐸᑦ ᐊᒻᒪᐳ ᐅᑎᖅᑎᑎᕆᕙᓪᓕᐊᓂᕐᒧᑦ ᐸᕐᓇᐅᑎ

Agnico Eagle | Meliadine Licence Amendment | ᑕᓯᕐᔪᐊᕐᒥᑦ ᐃᒪᕐᒥᒃ ᓚᐃᓴᓐᓯᒥᒃ ᐋᖅᑭᒋᐊᖅᓯᓂᖅ

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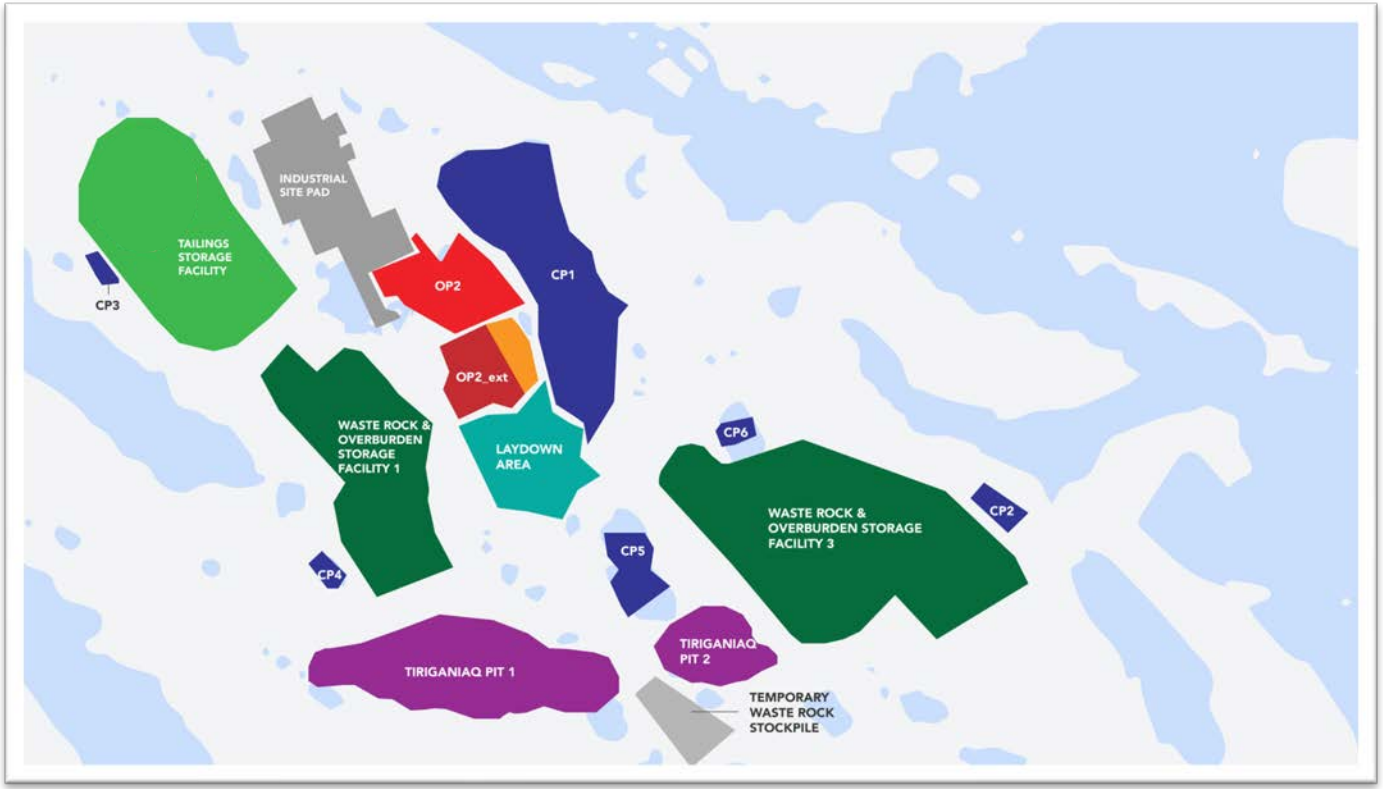
MELIADINE PROJECT OVERVIEW 2020 WATER LICENCE AMENDMENT
ᑕᓯᕐᔪᐊᕐᒥᑦ ᐱᓕᕆᐊᕐᒥᑦ ᐱᔾᔪᑎᖃᖅᑐᖅ 2020 ᐃᒪᕐᒧᑦ ᓚᐃᓴᓐᓯᒥᒃ ᐋᖅᑭᒋᐊᖅᓯᓂᖅ

AGNICO EAGLE



- COLLECTION PONDS
- WASTE ROCK & OVERBURDEN STORAGE FACILITY
- TIRIGANIAQ PIT
- LAYDOWN AREA
- OPERATION PADS
- INDUSTRIAL SITE PAD
- TAILINGS STORAGE FACILITY

- ᑲᑎᖅᓱᐃᕝᕕᐅᔪᑦ ᑕᓯᕋᔭᐃᑦ
- ᐊᒃᑕᑰᖅᑕᐅᔪᑦ ᐅᔭᖅᑲᓂᒃ ᐊᒻᒪᓗ ᐅᖓᑕᐅᑦᑎᓯᒪᔪᓄᑦ ᑐᖅᑯᖅᓯᓯᒪᕝᕕᒃ
- ᑎᕆᒐᓂᐊᖅ ᓄᓇᒥᑦ ᐃᓗᑦᑐᖅᓯᒪᔪᖅ
- ᓄᖅᑲᖓᕝᕕᖕᒥᑦ
- ᐊᐅᓛᖅᑎᑦᑎᓂᕐᒧᑦ ᑐᙵᕕᑦ
- ᐅᔭᕋᒃᑕᕆᐊᕐᒥᑦ ᑐᙵᕕᒃ
- ᕿᒪᒃᑎᑦᑐᓄᑦ ᑐᖅᑯᖅᓯᓯᒪᕝᕕᒃ

STATUS OF THE APPLICATION REVIEW

ᖃᓄᐃᓐᓂᖓ ᑕᑕᑎᒐᖅᓴᐅᑉ ᕿᒥᕐᕈᓂᖓ

INFORMATION REQUESTS BY INTERVENER
ᑐᑭᓯᐅᒪᔾᔪᑎᓂᒃ ᑐᒃᓯᕋᐅᑕᐅᔪᑦ ᐃᓚᐅᓕᖅᑐᓄᑦ

AGNICO EAGLE

- A total of 25 information requests were received.

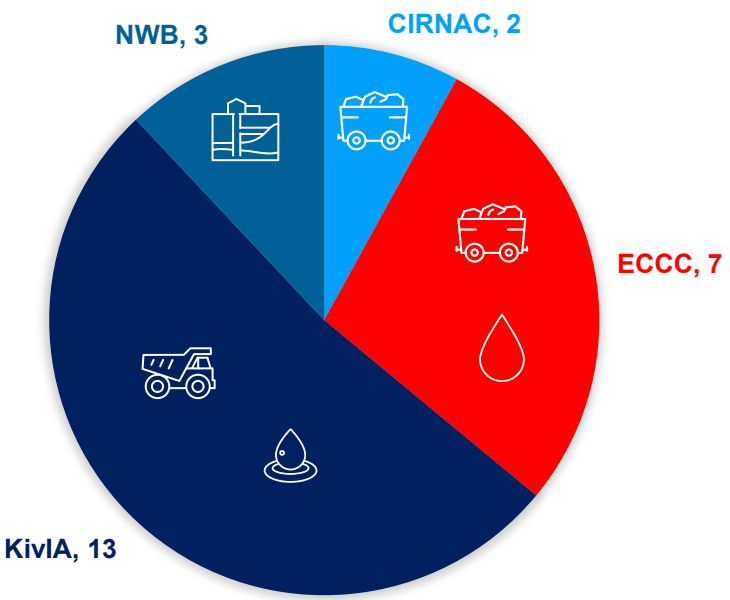
- ᑲᑎᕝᕗᒋᑦ 25-ᓂᒃ ᑐᑭᓯᐅᒪᔾᔪᑎᓂᒃ ᑐᒃᓯᕋᐅᑕᐅᔪᑦ ᐱᔭᐅᓚᐅᖅᑐᑦ.

Kivalliq Regional Inuit Association / ᑭᕙᓪᓕᕐᒥᑦ ᐊᕕᒃᑐᖅᓯᒪᔪᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᑦ

Crown-Indigenous Relations & Northern Affairs Canada / ᑲᓇᑕᐅᑉ ᓄᓇᕐᑯᑎᖏᓐᓂᒃ-ᓄᓇᖅᑳᖅᑐᑦ ᐱᓕᕆᖃᑎᒌᒃᑐᑦ ᐊᒻᒪᓗ ᑲᓇᑕᒥᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᑦ ᑲᒪᔨᒃᑯᑦ

Environment & Climate Change Canada / ᑲᓇᑕᒥᑦ ᐊᕙᑎᓕᕆᔨᒃᑯᑦ ᐊᒻᒪᓗ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐅᔪᓕᕆᔨᒃᑯᑦ

Nunavut Water Board / ᓄᓇᕗᒻᒥ ᐃᒪᓕᕆᔨᒃᑯᑦ



Site layout area
ᐃᓂᐅᔪᒥᑦ ᓄᖅᑲᖕᒐᕝᕕᑦ

Waste management
ᐃᒪᕐᒥᒃ ᐊᐅᓚᑦᑎᓂᖅ

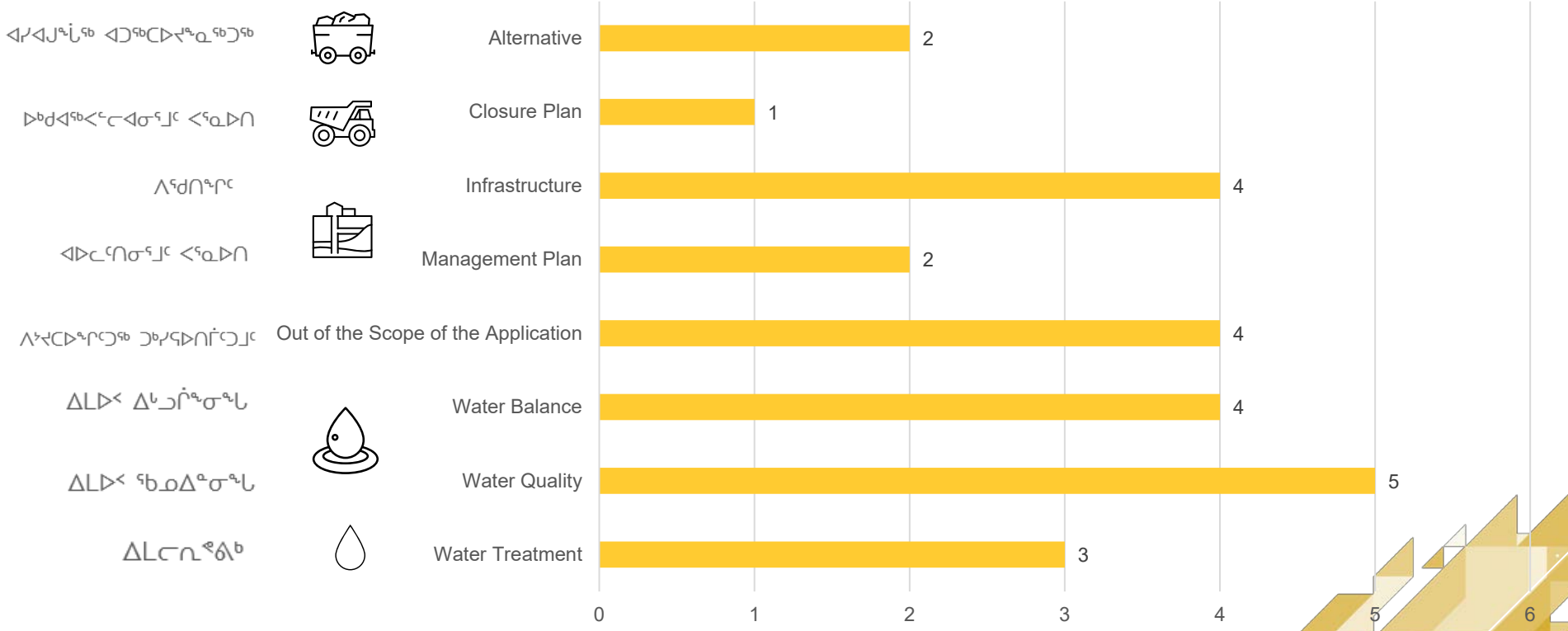
Closure and reclamation
ᐅᒃᑯᐊᖅᐸᓪᓕᐊᓂᖅ ᐊᒻᒪᓗ ᐅᑎᖅᑎᑎᓂᖅ

Freshwater use
ᐃᒪᑦᑎᐊᕙᒃᑐᕐᓂᖅ

Freshwater management
ᐃᒪᑦᑎᐊᕙᒃ ᐊᐅᓚᑦᑎᓂᖅ

INFORMATION REQUESTS BY THEME ᑐᑭᓯᐅᒪᔾᔪᑎᓂᒃ ᑐᒃᓯᕋᐅᑕᐅᔪᑦ ᐱᔾᔪᑕᐅᔪᒃᑯᑦ

AGNICO EAGLE



TECHNICAL COMMENTS BY INTERVENER

ᐱᓕᕆᐊᑉ ᒥᒃᓵᓄᑦ ᐅᖃᐅᓯᐅᔪᑦ ᐃᓚᐅᓕᖅᑐᓄᑦ

AGNICO EAGLE

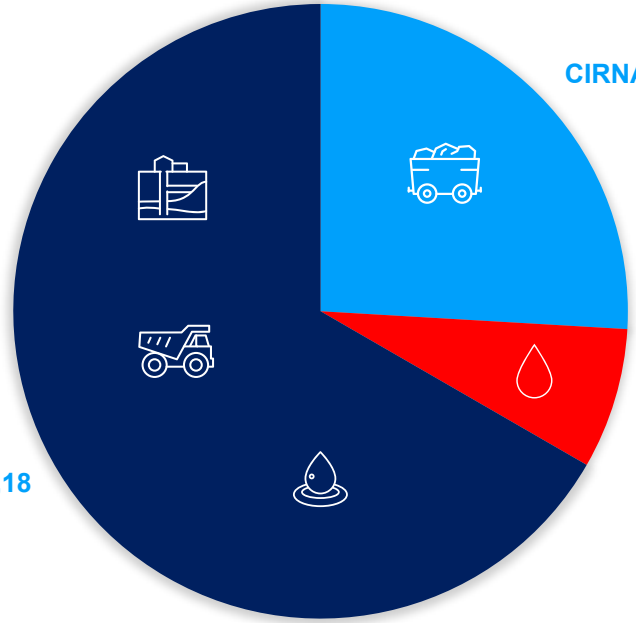
- A total of 27 technical comments were received.

- ᑲᑎᖕᓗᒋᑦ 27-ᓂᒃ ᐱᓕᕆᐊᑉ ᒥᒃᓵᓄᑦ ᐅᖃᐅᓯᐅᔪᓂᒃ ᐱᓚᐅᖅᑐᑦ.

Kivalliq Regional Inuit Association / ᑭᕙᓪᓕᕐᒥᑦ ᐊᕕᒃᑐᖅᓯᒪᔪᖅ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᑦ

Crown-Indigenous Relations & Northern Affairs Canada / ᑲᓇᑕᐅᑉ ᓄᓇᕐᑯᑎᖕᒋᓐᓂᒃ-ᓄᓇᖃᖅᑳᖅᑐᑦ ᐱᓕᕆᖃᑎᒌᒃᑐᑦ ᐊᒻᒪᓗ ᑲᓇᑕᒥᑦ ᐅᑭᐅᖅᑕᖅᑐᒥᑦ ᑲᒪᔨᒃᑯᑦ

Environment & Climate Change Canada / ᑲᓇᑕᒥᑦ ᐊᕙᑎᓕᕆᔨᒃᑯᑦ ᐊᒻᒪᓗ ᓯᓚᐅᑉ ᐊᓯᔾᔨᖅᐸᓪᓕᐅᔪᓕᕆᔨᒃᑯᑦ



Site layout area
ᐃᓂᐅᔪᒥᑦ ᓄᖅᑲᖕᒐᕝᕕᑦ

Waste management
ᐃᒪᕐᒥᒃ ᐊᐅᓚᑦᑎᓂᖅ

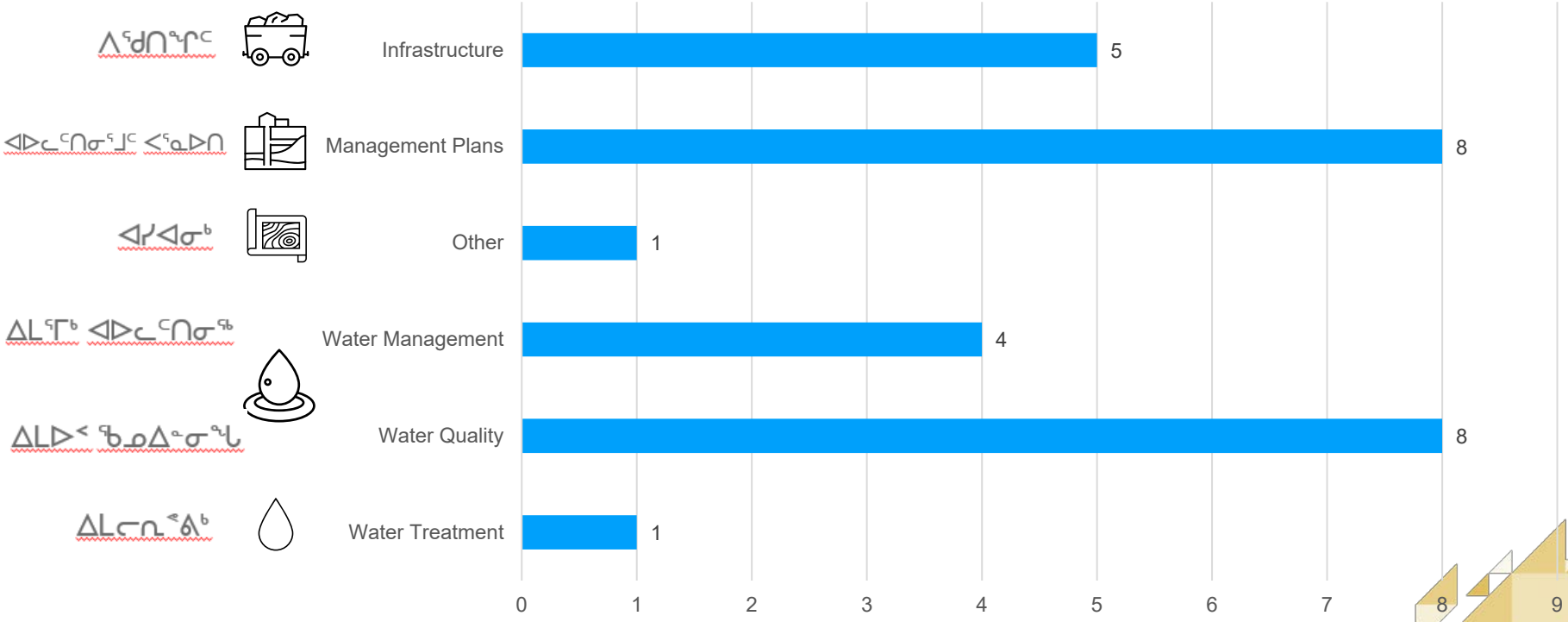
Closure and reclamation
ᐅᒃᑯᐊᖅᐸᓪᓕᐊᓂᖅ ᐊᒻᒪᓗ ᐅᑎᖅᑎᑎᓂᖅ

Freshwater use
ᐃᒪᑦᑎᐊᕙᒃᑐᕐᓂᖅ

Freshwater management
ᐃᒪᑦᑎᐊᕙᒃ ᐊᐅᓚᑦᑎᓂᖅ

TECHNICAL COMMENTS BY THEME ᐱᓕᕆᐊᑉ ᒥᒃᓵᓄᑦ ᐅᖃᐅᓯᐅᔪᑦ ᐱᔾᔪᑕᐅᔪᒃᑯᑦ

AGNICO EAGLE



STATUS OF REVIEWS

ᖃᓄᐃᓐᓚᓂᓐᓚᑕ ᕿᒥᕐᕈᔭᐅᓃᑦ

AGNICO EAGLE

Item	Parties	Numbers	Resolved	Unresolved	Comments	ᐅᖃᐅᓯᑦᓴᑦ
Information Request	CIRNAC	2	2	0		
	ECCC	7	7	0		
	KivIA	13	10	3	Transfer to the Technical Comments	ᓈᓪᓗᒍ ᐱᓕᕆᐊᕐᒥᑦ ᐅᖃᐅᓯᐅᓂᑯᑦ
	NWB	3	3	0		
	Total	**25**	**22**	**3**		
Technical Comments	CIRNAC	7	7	0		
	ECCC	2	2	0		
	KivIA	18	18	0	Resolved by commitments or transfer to the Additional Comments	ᐋᖅᑭᒃᑕᐅᔪᖅ - ᐱᓂᐊᕐᓃᑦ ᐅᕝᕙᓘᓐᓃᑦ ᓈᓪᓗᒋᑦ ᐃᓚᓕᐅᑎᓯᒪᔪᓄᑦ ᐅᖃᐅᓯᐅᓂᑯᑦ
	Total	**27**	**27**	**0**		
Additional Comments	CIRNAC	2	2	0		
	ECCC	0	0	0		
	KivIA	12	5	7		
	Total	**14**	**7**	**7**		
Final Written Submission	CIRNAC	11	11	0	2 resolved with commitments	2 ᐋᖅᑭᒃᑕᐅᔪᑦ ᐱᓂᐊᕐᓂᖃᖅᓗᑎᒃ
	ECCC	4	3	1	1 resolved with commitment 1 unresolved TDS threshold	1 ᐋᖅᑭᒃᑕᐅᔪᑦ ᐱᓂᐊᕐᓂᖃᖅᓗᑎᒃ 1 ᐋᕿᒃᑕᐅᓯᒪᖕᒋᓐᓂᑯᑦ TDS ᑎᑭᐅᑎᓂᕐᓂᒃ
	KivIA	12	5	7	3 unresolved Waterline 4 unresolved draft water licence	3 ᐋᕿᒃᑕᐅᓯᒪᖕᒋᓐᓂᑯᑦ ᐃᒪᕐᒧᑦ ᓱᐸᓗᓕᒃ 4 ᐋᕿᒃᑕᐅᓯᒪᖕᒋᓐᓂᑯᑦ ᐱᐊᓂᒃᑕᐅᖕᒋᑦᑐᑦ ᐃᒪᕐᒧᑦ ᓚᐃᓴᓐᔅ
	Total	**27**	**19**	**8**		
Technical Meeting / Pre-hearing Conference Commitments	All Parties	17	16	1	1 unresolved water compensation 3 of the resolved will be submitted at future dates	1 ᐋᕿᒃᑕᐅᓯᒪᖕᒋᓐᓂᑯᑦ ᐃᒪᕐᒧᑦ ᐊᑭᓕᖅᑕᐅᒐᒃᓴᖕᒋᑦ 3 ᑕᐃᒃᑯᐊ ᐱᐊᓂᒃᑕᐅᔪᑦ ᑐᓂᔅᔪᑕᐅᓂᐊᖅᑐᑦ ᓯᕗᓂᐊᓂ

CONSULTATION AND ENGAGEMENT
ᐅᖃᖃᑎᖃᕐᓂᖅ ᐊᒻᒪᓗ ᐃᓚᐅᖃᑕᐅᑎᑦᑎᓃᑦ

AGNICO EAGLE'S CONSULTATION AND ENGAGEMENT IN SUPPORT OF THE NWB LICENCE AMENDMENT

ᐊᒡᓃᑯᒃᑯᑦ ᐅᖃᖃᑎᖃᕐᓂᖕᒋᑦ ᐊᒻᒪᓗ ᐃᓚᐅᖃᑕᐅᑎᑦᑎᓂᖕᒋᑦ ᐃᑲᔪᐃᐸᓗᑎᒃ ᓄᓇᕗᒻᒥ ᐃᒪᓕᕆᔨᒃᑯᑦ ᓚᐃᓴᓐᓯᖕᒐᓂᑦ ᐋᖅᑭᒋᐊᖅᓯᓂᕐᒧᑦ

AGNICO EAGLE

Agnico Eagle's public participation and consultation approach includes partnerships with:

- Impacted communities
- Inuit organizations
- Regional Inuit groups
- Elders
- Land users
- Other stakeholders

ᐊᒡᓃᑯᒃᑯᑦ ᐃᓄᓗᒃᑖᓂᒃ ᐃᓚᐅᑎᑦᑎᓂᖕᒋᑦ ᐊᒻᒪᓗ ᐅᖃᖃᑎᖃᕐᓂᕐᒧᑦ ᐊᑐᖅᑕᐅᔪᓂᑦ ᐃᓚᐅᔪᑦ ᐱᓕᕆᖃᑎᒋᐸᓗᒋᑦ:

- ᐊᒃᑐᖅᑕᐅᓯᒪᔪᑦ ᓄᓇᓖᑦ
- ᐃᓄᐃᑦ ᐱᓕᕆᖃᑎᒌᖕᒋᑦ
- ᐊᕕᒃᑐᖅᓯᒪᔪᒥᑦ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᑦ
- ᐃᓐᓇᕆᔭᐅᔪᑦ
- ᓄᓇᒥᒃ ᐊᑐᖃᑦᑕᖅᑐᑦ
- ᐊᓯᖕᒋᑦ ᐱᖃᖃᑕᐅᔪᑦ

AGNICO EAGLE'S CONSULTATION AND ENGAGEMENT IN SUPPORT OF THE NWB LICENCE AMENDMENT

ᐊᒡᓃᑯᒃᑯᑦ ᐅᖃᖃᑎᖃᕐᓂᖕᒋᑦ ᐊᒻᒪᓗ ᐃᓚᐅᖃᑕᐅᑎᑦᑎᓂᖕᒋᑦ ᐃᑲᔪᐃᐸᓗᑎᒃ ᓄᓇᕗᒻᒥ ᐃᒪᓕᕆᔨᒃᑯᑦ ᓚᐃᓴᓐᓯᖕᒐᓂᑦ ᐋᖅᑭᒋᐊᖅᓯᓂᕐᒧᑦ

AGNICO EAGLE

The Nunavut Water Board process is designed to be aligned with Inuit Quajimajatuqangit guiding principles including:

- Fostering good spirit by being open, welcoming and inclusive
- Decision-making through discussion and consensus
- Working together for a common cause
- Respect and care for the land, water and the environment

ᓄᓇᕗᒻᒥ ᐃᒪᓕᕆᔨᒃᑯᑦ ᐱᕙᓪᓕᐊᓂᖕᒐᑦ ᐋᖅᑭᐅᒪᔪᖅ ᑎᑯᓕᐊᖅᓯᒪᐸᓗᓂ ᐃᓄᐃᑦ ᖃᐅᔨᒪᔭᑐᖃᖕᒋᓐᓂᑦ ᒪᓕᒃᑕᐅᔪᒃᓴᖕᒋᓐᓂᑦ ᐃᓚᐅᐸᓗᑎᒃ:

- ᐱᑦᑕᐅᔪᒥᒃ ᐊᑐᕐᓗᓂ ᐅᒃᑯᐃᖕᒐᓂᒃᑯᑦ, ᑐᙵᒐᓱᒃᑎᑦᑎᐸᓗᓂ ᐊᒻᒪᓗ ᐃᓚᐅᑎᑦᑎᐸᓗᓂ
- ᐃᓱᒪᓕᐅᕆᓂᖅ ᐅᖃᓪᓗᕆᒃᓴᐅᑎᓂᒃᑯᑦ ᐊᒻᒪᓗ ᐊᖕᒋᖃᑎᒌᖕᓂᒃᑯᑦ
- ᐱᓕᕆᖃᑎᒌᒃᓱᓂ ᐊᑕᐅᓯᕐᒥᒃ ᐱᔾᔪᑕᐅᔪᒧᑦ
- ᐃᒃᐱᒍᓱᒐᕕᖃᕐᓂᖅ ᐊᒻᒪᓗ ᑲᒪᔭᖃᕐᓂᖅ ᓄᓇᒥᑦ, ᐃᒪᕐᒥᑦ ᐊᒻᒪᓗ ᐊᕙᑎᒥᑦ

COMMUNITY CONSULTATION AND ENGAGEMENT

ᓄᓇᓕᖕᒥᐅᓂᒃ ᐅᖃᖃᑎᖃᖃᑦᑕᕐᓃᑦ ᐊᒻᒪᓗ ᐃᓚᐅᓂᖕᒋᑦ

AGNICO EAGLE

May and 2020 to March 2021 - Engagement Consultation

ᓄᕐᖁᐃᑦ 2020ᒥᒃ ᓇᑦᑎᐊᑦ 2021ᒧᑦ- ᐃᓚᐅᑎᑦᑎᓂᖅ ᐊᒻᒪᓗ ᐅᖃᖃᑎᖃᕐᓂᖅ

Event	Rankin Inlet
Community open houses, communications, radio shows/ announcements, and meetings	• Postings Presentation, teleconference and open house in Rankin Inlet community hall related to emergency discharge. (May 1 to June 5th, 2020) • Radio call in Radio Show in Rankin Inlet (November 9, 2020) • Public meeting in Rankin Inlet (November 10, 2020) • Radio announcement of community information sessions on concerns and community monitoring Meliadine Lake (March 17th, 18th, 2021)
Focus groups	• Rankin Inlet Elders (July 7, 2020) • Rankin Inlet Elders (July 20, 2020) • Rankin Inlet Kangiqtiniq HTO (July 27, 2020) • Rankin Inlet CLARC and KIA lands (July 31, 2020) • Rankin Inlet Women's focus group (December 16th, 2020) • Rankin Kangiqtiniq HTO (March 18th, 2021)
Meetings	• Water management working group meetings (June 3, June 25, July 2, August 26, September 16, October 2, November 6th, 2020) • Kivalliq Inuit Association Executive by Teleconference (July 20, 2020) • KIA Executive and Lands Teleconference (August 21, 2020) • Rankin Community (March 18th, 2021)

ᖃᓄᐃᓕᐅᕐᓂᖅ	ᑲᖏᖅᑖᓂᖅ
ᓄᓇᓕᖕᒥᑦ ᐃᓄᓗᒃᑖᓄᑦ ᐅᒃᑯᐃᖕᒐᑎᑦᑎᓃᑦ, ᑕᓴᐅᒪᑎᑦᑎᓃᑦ, ᓈᓚᒡᕕᐊᓛᒃᑰᖃᑦᑕᕐᓃᑦ / ᑐᓴᒐᒃᓴᓕᓇᓃᑦ, ᐊᒻᒪᓗ ᑲᑎᒪᓃᑦ	• ᓴᖅᑭᑕᐅᓂᖕᒋᑦ ᑕᑯᕋᓐᓈᖅᑎᑦᑎᓃᑦ, ᐅᖃᓗᑎᒃᑯᑦ ᑲᑎᒪᑎᑦᑎᓂᖅ ᐊᒻᒪᓗ ᐃᓄᓗᒃᑖᓄᑦ ᐅᒃᑯᐃᖕᒐᑎᑦᑎᓂᖅ ᑲᖏᖅᑖᓂᕐᒥᑦ ᕿᑎᒡᕕᐊᓂᑦ ᐱᔾᔪᑎᖃᖅᑐᒥᒃ ᑐᐊᕕᓇᖅᑐᒃᑯᑦ ᑯᕕᓯᓂᕐᒥᑦ. (ᓄᕐᖁᐃᑦ 1-ᒥᑦ ᒪᓐᓃᑦ 5-ᒧᑦ, 2020) • ᓈᓚᐅᑎᒃᑯᑦ ᐅᖃᓗᒃᑎᑦᑎᓃᑦ ᑲᖏᖅᑖᓂᕐᒥᑦ (ᑲᑕᒫᓇᕐᕕᒃ 9, 2020) • ᐃᓄᓗᒃᑖᓂᒃ ᑲᑎᒪᑎᑦᑎᓂᖅ ᑲᖏᖅᑖᓂᕐᒥᑦ (ᑲᑕᒫᓇᕐᕕᒃ10, 2020) • ᓈᓚᐅᑎᒃᑯᑦ ᐅᖃᐅᓯᐅᓂᐊᕐᑐᑦ ᓄᓇᓕᖕᒥ ᑐᓴᒐᒃᓴᑦ ᑲᑎᒪᓃᑦ ᐃᓱᒪᓗᑕᐅᔪᓄᑦ ᐊᒻᒪᓗ ᓄᓇᓕᖕᒥ ᖃᐅᔨᓴᖅᑕᐅᓂᑯᒃ ᑕᓯᕐᔪᐊᕐᒥ ᓇᑦᑎᐊᑦ 17, 18, 2021)
ᑕᐅᑐᒐᖃᕐᓂᕐᒧᑦ ᑲᑎᒪᔨᑦ	• ᑲᖏᖅᑖᓂᖅ ᐃᓐᓇᕆᔭᐅᔪᑦ (ᓴᒐᒋᑦ 7, 2020) • ᑲᖏᖅᑖᓂᖅ ᐃᓐᓇᕆᔭᐅᔪᑦ (ᓴᒐᒋᑦ 30, 2020) • ᑲᖏᖅᑖᓂᖅ ᑲᖏᖅᑖᓂᕐᒥ ᐆᒪᔪᓕᕆᔨᐊᓛᑦ • ᑲᖏᖅᑖᓂᕐᒥᑦ ᓄᓇᓕᕆᔨᐊᓛᑦ ᑲᑎᒪᔨᖕᒋᑦ ᐊᒻᒪᓗ ᑭᕙᓪᓕᕐᒥᑦ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᒃᑯᑦ ᓄᓇᓕᕆᔨᖕᒋᑦ (ᓴᒐᒋᑦ 31, 2020) • ᑲᖏᖅᑖᓂᕐᒥᑦ ᐊᕐᓇᐃᑦ ᑲᑎᒪᔨᖕᒋᑦ (ᐋᒡᔪᓕᕐᕕᒃ 16, 2020) • ᑲᖏᖅᑖᓂᖅ ᑲᖏᖅᑖᓂᖅ ᐆᒪᔪᓕᕆᔨᐊᓛᑦ (ᓇᑦᑎᐊᑦ 18, 2021)
ᑲᑎᒪᓃᑦ	• ᐃᒪᕐᒥᒃ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐱᓕᕆᓛᑦ ᑲᑎᒪᓂᖕᒋᑦ (ᒪᓐᓃᑦ 3, ᒪᓐᓃᑦ 25, ᐊᑯᓪᓕᕈᕐᕕᒃ 26, ᐊᒥᕋᐃᔭᕐᕕᒃ 16, ᐅᑭᐅᓛᑦ 2, ᑲᑕᒫᓇᕐᕕᒃ 6, 2020) • ᑭᕙᓪᓕᕐᒥᑦ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᑦ ᐃᓱᒪᑕᐅᓂᖕᒋᑦ ᐅᖃᓗᑎᒃᑯᑦ ᑲᑎᒪᓂᖅ (ᓴᒐᒋᑦ 20, 2020) • ᑭᕙᓪᓕᕐᒥᑦ ᐃᓄᐃᑦ ᑲᑐᔾᔨᖃᑎᒌᑦ ᐃᓱᒪᑕᐅᓂᖕᒋᑦ ᐅᖃᓗᑎᒃᑯᑦ ᑲᑎᒪᓂᐊᕐᑐᑦ ᐊᑯᓪᓕᕈᕐᕕᒃ (ᐋᒋᓯ 21, 2020) • ᑲᖏᖅᑖᓂᕐᒥ ᓄᓇᓕᒃ (ᓇᑦᑎᐊᑦ 18, 2021)

WATER MANAGEMENT WORKING GROUP MEETINGS

ᐃᒪᕐᒥᒃ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐱᓕᕆᐊᓖᑦ ᑲᑎᒪᓂᖕᒋᑦ

Summary of Working Group Meetings

ᓇᐃᓈᖅᓯᒪᔪᑦ ᐱᓕᕆᐊᓖᑦ ᑲᑎᒪᓂᖕᒋᑦ

The monitoring data shared with the Water Management Working Group confirms that the diffuser is working as planned and that water being released to Meliadine Lake is safe to the environment, fish and or the food that fish eat.

ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᓈᓴᐅᑏᑦ/ᑎᑎᖅᑲᐃᑦ ᑐᓂᔭᐅᖃᑦᑕᖅᑐᑦ ᐃᒪᕐᒥᒃ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᑲᑎᒪᔨᓄᑦ ᓇᓗᓇᐃᖅᓯᔪᖅ ᓯᐊᒻᒪᒃᑎᑦᑎᔾᔪᑎ ᐊᔪᙱᒻᒪᑦ ᐸᕐᓇᐅᑕᐅᓯᒪᓂᖓᑐᑦ ᐊᒻᒪᓗ ᐃᒪᖅ ᓴᐸᑯᑕᐅᔪᖅ ᑕᓯᕐᔪᐊᕐᒧᑦ ᐅᓗᕆᐊᓇᙱᕐᓗᓂ ᐊᕙᑎᒧᑦ, ᐃᖃᓗᖕᓄᑦ ᐊᒻᒪᓗ ᐅᕝᕙᓘᓐᓃᑦ ᐃᖃᓗᐃᑦ ᓂᕿᖏᓐᓄᑦ.

Date / ᐅᐸᓗᖅ	Parties / ᐃᓚᐅᖃᑕᐅᔪᑦ	Summary / ᓇᐃᓈᖅᓯᒪᔪᖅ	Status / ᖃᓄᐃᖓᓂᖅ
3-Jun **Lᓐᓃᑦ 3, 2020**	NWB, KIA, AEM, CIRNAC, ECCC	Discuss the terms of reference for the Water Management Working Group (WMWG)The purpose of the WMWG is to share ongoing data collection related to conditions in the Emergency Amendment Water Licence ᐅᖃᐅᓯᖃᖅᑐᑦ ᑐᑭᐅᔪᓂᒃ ᐱᔾᔪᑕᐅᔪᓄᑦ ᐃᒪᕐᒥᒃ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐱᓕᕆᐊᓖᑦ ᐱᔾᔪᑎᖓ WMWG-ᑯᑦ ᑐᓂᐅᑎᖃᕐᓂᐊᕐᓗᑎᒃ ᑲᑎᖅᓱᐃᓂᕐᓂᒃ ᐱᔾᔪᑎᖃᖅᑐᓂᒃ ᖃᓄᐃᖓᓂᐅᔪᓂᒃ ᑐᐊᕕᓇᖅᑐᒥᒃ ᐋᖅᑭᒋᐊᖅᓯᓂᕐᒧᑦ ᐃᒪᕐᒥᒃ ᓚᐃᓴᓐᓯᒥᒃ	Completed
25-Jun **Lᓐᓃᑦ 25, 2020**	NWB, KIA, AEM, ECCC	Update on studies initiated, data collected, and sharing of data ᐅᐸᓗᒥᒫᓕᖅᑐᐃᓃᑦ ᖃᐅᔨᓴᐃᓂᐅᔪᓂᒃ, ᑲᑎᖅᓱᐃᓂᕐᓂᑦ, ᐊᒻᒪᓗ ᑐᓂᐅᑎᒋᔭᐅᓂᖕᒋᑦ ᓈᓴᐅᑏᑦ/ᑎᑎᖅᑲᐃᑦ	Completed
2-Jul **ᔪᓚᐃ 2, 2020**	NWB, KIA, AEM, CIRNAC, ECCC	Presentation of first monthly of sampling; review and discussion of initial results (water chemistry and toxicity) ᑐᓂᔭᐅᔪᑦ ᓯᕗᓪᓕᖅᐸᖅ ᑕᖅᑭᒥᑦ ᐆᒃᑐᕋᐃᓃᑦ; ᕿᒥᕐᕈᔭᐅᔪᑦ ᐊᒻᒪᓗ ᐅᖃᓪᓗᓇᒃᓴᐅᑕᐅᔪᑦ ᖃᓄᐃᖓᓂᐅᖅᑲᐅᑕᐅᔪᑦ (ᐃᒪᐅᑉ ᖃᓄᐃᓕᐅᕐᓂᖓ ᐊᒻᒪᓗ ᐱᐅᖏᑦᑐᖃᕐᓂᖓ)	Completed
26-Aug **ᐊᑯᓪᓕᕈᕐᕕᒃ 26, 2020**	NWB, KIA, AEM, CIRNAC, ECCC	Update to the July presentation; review and discussion of results collected to date (water chemistry, toxicity, and plume delineation) ᐱᔾᔪᑎᖃᖅᑐᖅ ᓴᒃᓚᕈᒻᒥᑦ (ᔪᓚᐃ) ᑐᓂᔭᐅᔪᑦ; ᕿᒥᕐᕈᔭᐅᔪᑦ ᐊᒻᒪᓗ ᐅᖃᓪᓗᓇᒃᓴᐅᑕᐅᔪᑦ ᖃᓄᐃᖓᓂᐅᔪᑦ (ᐃᒪᐅᑉ ᖃᓄᐃᓕᐅᕐᓂᖓ, ᐱᐅᖏᑦᑐᖃᕐᓂᖓ, ᐳᔪᕐᓚᖏᑦ ᓇᓗᓇᐃᖅᓯᓂᖅ)	Completed

WATER MANAGEMENT WORKING GROUP MEETINGS

Summary of Working Group Meetings

The monitoring data shared with the Water Management Working Group confirms that the diffuser is working as planned and that water being released to Meliadine Lake is safe to the environment, fish and or the food that fish eat.

ᐃᒪᕐᒥᒃ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐱᓕᕆᐊᓖᑦ ᑲᑎᒪᓂᖕᒋᑦ

ᓇᐃᓈᖅᓯᒪᔪᑦ ᐱᓕᕆᐊᓖᑦ ᑲᑎᒪᓂᖕᒋᑦ

ᖃᐅᔨᓴᐃᓂᕐᒧᑦ ᓈᓴᐅᑏᑦ/ᑎᑎᖅᑲᐃᑦ ᑐᓂᔭᐅᖃᑦᑕᖅᑐᑦ ᐃᒪᕐᒥᒃ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᑲᑎᒪᔨᓄᑦ ᓇᓗᓇᐃᖅᓯᔪᖅ ᓯᐊᒻᒪᒃᑎᑦᑎᔾᔪᑎ ᐊᔪᙱᒻᒪᑦ ᐸᕐᓇᐅᑕᐅᓯᒪᓂᖓᑐᑦ ᐊᒻᒪᓗ ᐃᒪᖅ ᓴᐸᑯᑕᐅᔪᖅ ᑕᓯᕐᔪᐊᕐᒧᑦ ᐅᓗᕆᐊᓇᙱᕐᓗᓂ ᐊᕙᑎᒧᑦ, ᐃᖃᓗᖕᓄᑦ ᐊᒻᒪᓗ ᐅᕝᕙᓘᓐᓃᑦ ᐃᖃᓗᐃᑦ ᓂᕿᖏᓐᓄᑦ.

Date / ᐅᐸᓗᖅ	Parties / ᐃᓚᐅᖃᑕᐅᔪᑦ	Summary / ᓇᐃᓈᖅᓯᒪᔪᖅ	Status / ᖃᓄᐃᖓᓂᖅ
16-Sep **ᐊᒥᕋᐃᔭᕐᕕᒃ 16, 2020**	NWB, KIA, AEM, CIRNAC, ECCC	Update to the August presentation; review and discussion of results collected to date (water chemistry and toxicity) ᐱᔾᔪᑎᖃᖅᑐᖅ ᐊᑯᓪᓕᕈᕐᕕᖕᒥᑦ (ᐊᒦᒋᓯ) ᑐᓂᔭᐅᔪᑦ; ᕿᒥᕐᕈᔭᐅᔪᑦ ᐊᒻᒪᓗ ᐅᖃᓪᓗᓇᒃᓴᐅᑕᐅᔪᑦ ᖃᓄᐃᖓᓃᑦ ᑲᑎᑕᐅᓯᒪᔪᑦ ᐅᐸᓗᒥᒧᑦ ᑎᑭᕝᕙᒍ (ᐃᒪᐅᐸ ᖃᓄᐃᓕᐅᕐᓂᖓ ᐊᒻᒪᓗ ᐱᐅᖏᑦᑐᖃᕐᓂᖓ) ᐱᔾᔪᑎᖃᖅᑐᖅ ᐊᒥᕋᐃᔭᕐᕕᒃ (ᓯᑎᐱᕆ) ᑐᓂᔭᐅᔪᑦ; ᕿᒥᕐᕈᔭᐅᔪᑦ ᐊᒻᒪᓗ ᐅᖃᓪᓗᓇᒃᓴᐅᑕᐅᔪᑦ ᖃᓄᐃᖓᓃᑦ ᑲᑎᑕᐅᓯᒪᔪᑦ ᐅᐸᓗᒥᒧᑦ ᑎᑭᕝᕙᒍ (ᐃᒪᐅᐸ ᖃᓄᐃᓕᐅᕐᓂᖓ ᐊᒻᒪᓗ ᐱᐅᖏᑦᑐᖃᕐᓂᖓ)	Completed
2-Oct **ᐅᒃᑐᐱᕆ 2, 2020**	NWB, KIA, AEM, CIRNAC, ECCC	Update to the September presentation; review and discussion of results collected to date (water chemistry and toxicity) ᐱᔾᔪᑎᖃᖅᑐᖅ ᐊᒥᕋᐃᔭᕐᕕᒃ (ᓯᑎᐱᕆ) ᑐᓂᔭᐅᔪᑦ; ᕿᒥᕐᕈᔭᐅᔪᑦ ᐊᒻᒪᓗ ᐅᖃᓪᓗᓇᒃᓴᐅᑕᐅᔪᑦ ᖃᓄᐃᖓᓃᑦ ᑲᑎᑕᐅᓯᒪᔪᑦ ᐅᐸᓗᒥᒧᑦ ᑎᑭᕝᕙᒍ (ᐃᒪᐅᐸ ᖃᓄᐃᓕᐅᕐᓂᖓ ᐊᒻᒪᓗ ᐱᐅᖏᑦᑐᖃᕐᓂᖓ)	Completed
6-Nov **ᓄᕕᐱᕆ, 6, 2020**	NWB, KIA, AEM, CIRNAC, ECCC	Update to the October presentation; review and discussion of results collected to date (water chemistry and toxicity) Meeting participants requested to provide feedback and lessons learned from the WMWG meetings ᐱᔾᔪᑎᖃᖅᑐᖅ ᐅᑭᐅᓛᑦ (ᐅᒃᑑᐱᕆ) ᑐᓂᔭᐅᔪᑦ; ᕿᒥᕐᕈᔭᐅᔪᑦ ᐊᒻᒪᓗ ᐅᖃᓪᓗᓇᒃᓴᐅᑕᐅᔪᑦ ᖃᓄᐃᖓᓃᑦ ᑲᑎᑕᐅᓯᒪᔪᑦ ᐅᐸᓗᒥᒧᑦ ᑎᑭᕝᕙᒍ (ᐃᒪᐅᐸ ᖃᓄᐃᓕᐅᕐᓂᖓ ᐊᒻᒪᓗ ᐱᐅᖏᑦᑐᖃᕐᓂᖓ) ᑲᑎᒪᖃᑕᐅᔪᑦ ᐃᓱᒪᒋᔭᖏᓐᓂᒃ ᑐᓂᓯᕐᑯᔭᐅᔪᑦ ᐊᒻᒪᓗ ᐃᓕᑕᖏᓐᓂᒃ WMWG ᑲᑎᒪᓂᕐᓂᑦ	Completed

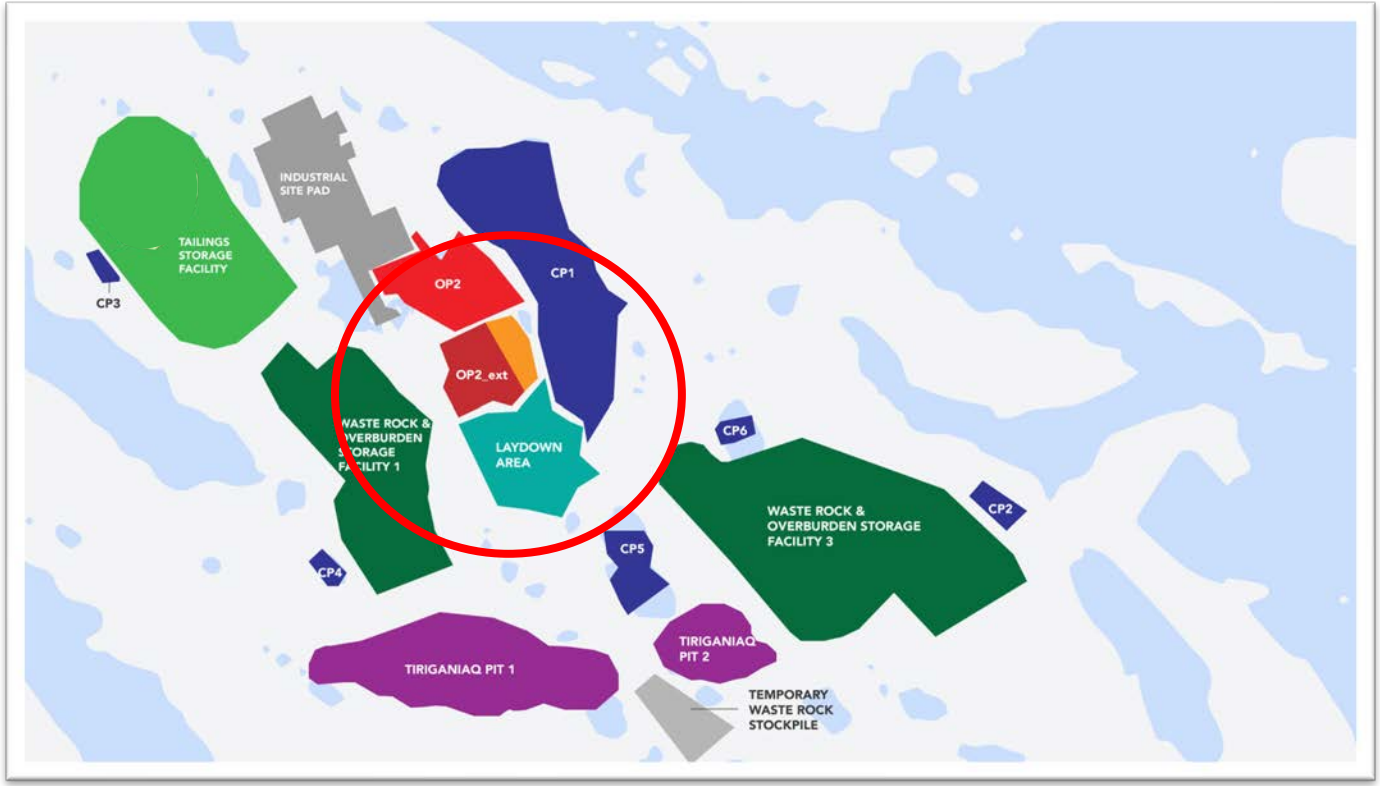
Agnico Eagle | Meliadine Licence Amendment | ᑕᓯᕐᔪᐊᕐᒥᑦ ᐃᒪᕐᒥᒃ ᓚᐃᓴᓐᓯᒥᒃ ᐋᖅᑭᒋᐊᖅᓯᓂᖅ

18

PROJECT DESCRIPTION
ᐱᓕᕆᐊᑉ ᖃᓄᐃᑦᑑᓂᐊᕐᓂᖓ

SITE LAYOUT AMENDMENTS
ᐃᓂᐅᔪᒥᑦ ᓄᖅᑲᖓᕝᕕᖕᒥᑦ ᐋᖅᑭᒋᐊᖅᓯᓃᑦ

AGNICO EAGLE

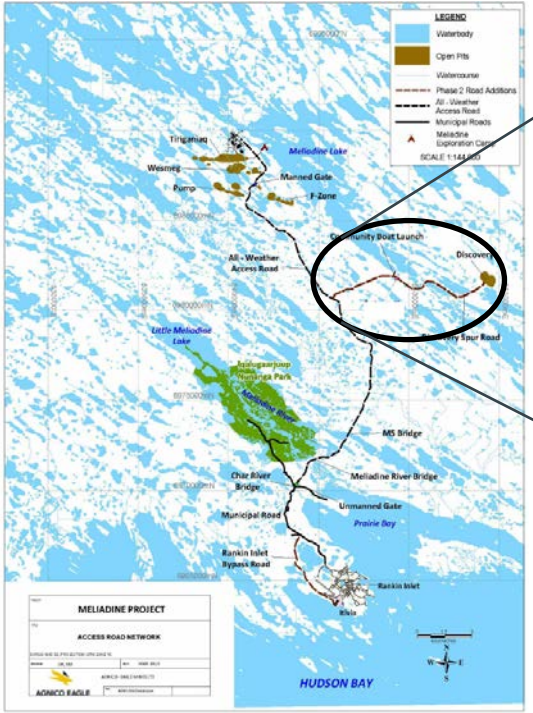


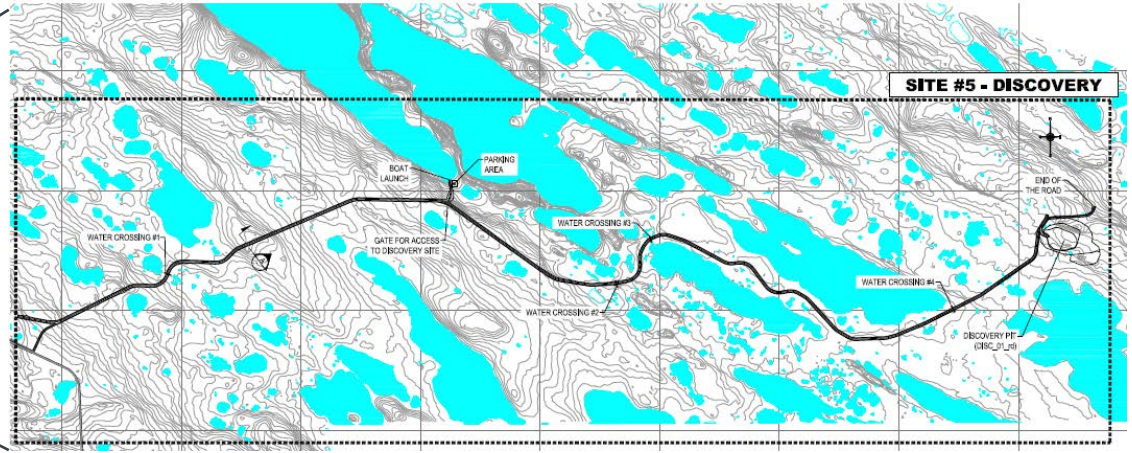
- COLLECTION PONDS
- WASTE ROCK & OVERBURDEN STORAGE FACILITY
- TIRAGANIAQ PIT
- LAYDOWN AREA
- ORE PADS
- INDUSTRIAL SITE PAD
- TAILINGS STORAGE FACILITY

- ᑲᑎᖅᓯᐃᕝᕕᒃ ᑕᓯᕋᔭᐃᑦ
- ᐊᒃᑕᑰᖅᑕᐅᔪᑦ ᐅᔭᖅᑲᓂᒃ ᐊᒻᒪᓗ ᐅᖓᑕᐅᑦᑎᓯᒪᔪᓄᑦ ᑐᖅᑯᖅᓯᓯᒪᕝᕕᒃ
- ᑎᕆᒐᓂᐊᖅ ᓄᓇᒥᑦ ᐃᓗᑦᑐᖅᓯᒪᔪᖅ
- ᓄᖅᑲᖓᕝᕕᖕᒥᑦ
- ᐊᐅᓛᖅᑎᑦᑎᓂᕐᒧᑦ ᑐᙵᕚᑦ
- ᐅᔭᕋᒃᑕᕆᐊᕐᒥᑦ ᑐᙵᕚᒃ
- ᕿᒪᒃᑎᑦᑐᓄᑦ ᑐᖅᑯᖅᓯᓯᒪᕝᕕᒃ

PROPOSED SITE ACCESS ROADS
ᑐᒃᓯᕋᐅᑕᐅᔪᑦ ᐃᓂᐅᔪᒥᑦ ᐊᐸᕐᑯᑎᓕᐊᖕᒍᔪᒪᔪᑦ

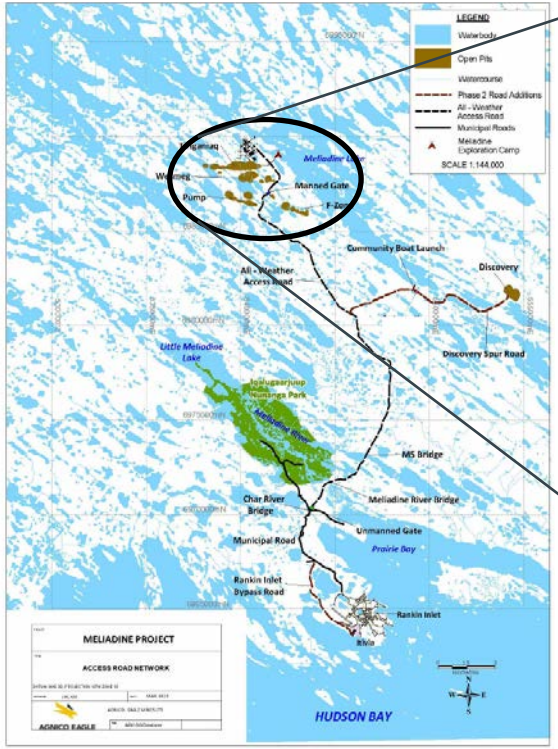
To support future mining, Agnico Eagle is amending the Water License to include the construction of site access roads to future deposits, including Discovery, Pump, Fzone, WES-NORMEG.

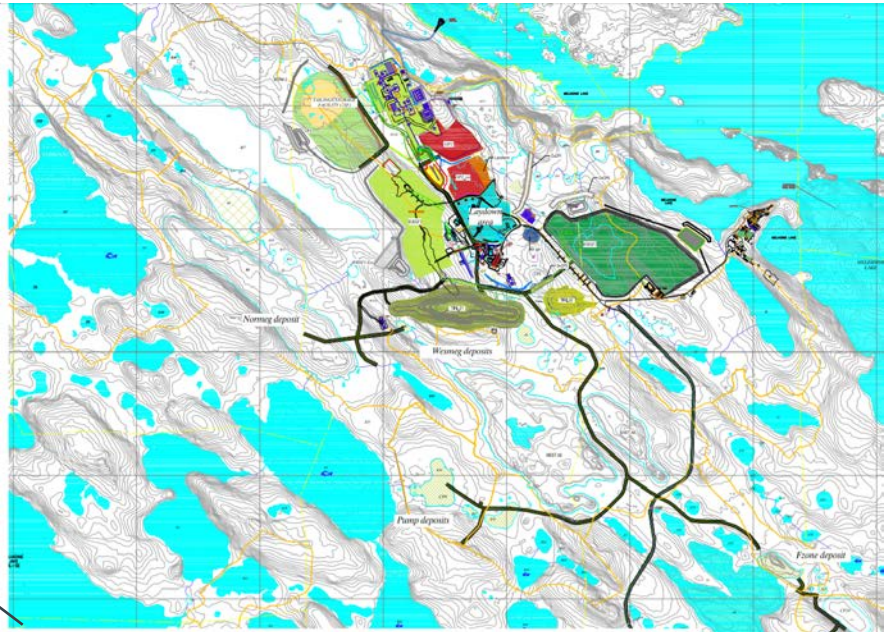


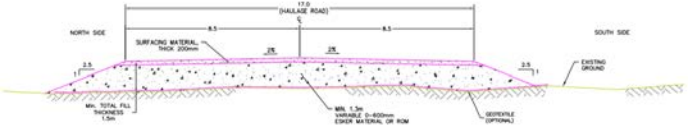


ᐃᑲᔪᕐᓂᐊᕐᓗᓂ ᓯᕗᓂᒃᓴᒥᑦ ᐅᔭᕋᒃᑕᕆᐊᕐᓂᖅ, ᐊᒡᓃᑯᒃᑯᑦ ᐋᖅᑭᒋᐊᖅᓯᓂᐊᖅᑐᑦ ᐃᒪᕐᒧᑦ ᓚᐃᓴᓐᓯᒥᒃ ᐃᓚᐅᑎᓐᓂᐊᕐᓗᒍ ᓴᓇᔭᐅᓂᖓ ᐃᓂᐅᔪᒧᖕᒐᐅᔪᑦ ᐊᐸᕐᑯᑏᑦ ᓯᕗᓂᒃᓴᒥᑦ ᐱᑕᓕᖕᓄᑦ, ᐃᓚᐅᔪᑦ Discover, Pump, Fzone, WES-NORMEG.

PROPOSED SITE ACCESS ROADS
ᑐᒃᓯᕋᐅᑕᐅᔪᑦ ᐃᓂᐅᔪᒥᑦ ᐊᑦᑯᑎᓕᐊᖕᒍᔪᒪᔪᑦ







TYPICAL CROSS SECTION ~ AWAR ~ WITH EMBANKMENT ~ <= 5.0m (FZONE, PUMP ZONE, WESTMEG AND NORMEG)

UPDATED WASTE ROCK MANAGEMENT STRATEGY
ᐅᑉᓗᒥᒨᓕᖅᑐᖅᓯᒪᔪᖅ ᐃᒪᕐᒥᒃ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᖃᓄᖅᑑᕈᑎ

- COLLECTION PONDS
- WASTE ROCK & OVERBURDEN STORAGE FACILITY
- TIRAGANIAQ PIT
- LAYDOWN AREA
- ORE PADS
- INDUSTRIAL SITE PAD
- TAILINGS STORAGE FACILITY

- ᑲᑎᖅᓱᐃᕝᕕᒃ ᑕᓯᕋᔭᐃᑦ
- ᐊᒃᑕᑰᖅᑕᐅᔪᑦ ᐅᔭᖅᑲᓂᒃ ᐊᒻᒪᓗ ᐅᖓᑕᐅᑦᑎᓯᒪᔪᓄᑦ ᑐᖅᑯᖅᓯᓯᒪᕝᕕᒃ
- ᑎᕆᒐᓂᐊᖅ ᓄᓇᒥᑦ ᐃᓗᑦᑐᖅᓯᒪᔪᖅ
- ᓄᖅᑲᖓᕝᕕᖕᒥᑦ
- ᐊᐅᓛᖅᑎᑦᑎᓂᕐᒧᑦ ᑐᙵᕕᑦ
- ᐅᔭᕋᒃᑕᕆᐊᕐᒥᑦ ᑐᙵᕕᒃ
- ᕿᒪᒃᑎᑦᑐᓄᑦ ᑐᖅᑯᖅᓯᓯᒪᕝᕕᒃ

CLOSURE AND RECLAMATION
ᐅᒃᑯᐊᖅᐸᓪᓕᐊᓂᖅ ᐊᒻᒪᓗ ᐅᑎᖅᑎᑎᕆᓂᖅ

AGNICO EAGLE

Summary of the main changes in the temporary closure and reclamation plan are:

- WRSF3 extended footprint and removal of WRSF2
- CP2, CP2-Berm, Channel 9 and 10
- Ore pad, landfarm extension and laydown area including the laydown facilities
- Access and haul roads
- Roads to deposits (Discovery, Pump, Fzone, Wesmeg and Normeg areas)
- Waterline

Agnico Eagle, KivIA, and CIRNAC have reached an agreement on closure and the final number is $69,687,246

ᓇᐃᓈᖅᓯᒪᔪᖅ ᐊᓯᐊᙵᓗᐊᖅᑐᓄᑦ ᐅᒃᑯᐊᖅᓯᒪᓚᐅᐱᓪᓚᙵᓂᕐᒥᑦ ᐊᒻᒪᓗ ᐅᑎᑦᑎᕆᓂᕐᒧᑦ ᐸᕐᓇᐅᑎᒥᑦ ᐅᑯᐊᖑᔪᑦ:

- WRSF3 ᐅᐃᒍᒋᐊᖅᑕᐅᓂᖓ ᐊᒻᒪᓗ ᐃᖅᑕᐅᓂᖓ WRSF2
- CP2, CP2-Berm, ᓱᐸᓗᐃᑦ 9 ᐊᒻᒪᓗ 10
- ᐅᔭᕋᒃᑕᖅᑕᐅᔪᓄᑦ ᑐᙵᕕᒃ ᐊᒻᒪᓗ ᐊᒃᑕᑯᐃᑦ ᐅᐃᒍᒋᐊᖅᑕᐅᓂᖓ ᐊᒻᒪᓗ ᓄᖅᑲᖓᕝᕕᒃ ᐃᓚᐅᐸᓗᓂ ᐱᕐᑯᑏᑦ ᓄᖅᑲᖓᕝᕕᖕᒧᑦ
- ᐊᐸᕐᑯᑎ ᐊᒻᒪᓗ ᐅᓯᑲᑦᑕᖕᓂᕐᒧᑦ ᐊᐸᕐᑯᑏᑦ
- ᐊᐸᕐᑯᑏᑦ ᐱᑕᓕᖕᓄᑦ (Discovery, Pump,Fzone, Wesmeg ᐊᒻᒪᓗ Normeg ᖃᓂᑕᖕᒋᑦ)
- ᓱᐸᓗᓕᒃ

ᐊᒡᓂᑯᒃᑯᑦ, ᑭᕙᓪᓕᖅ ᐃᓄᐃᒃ ᑲᑐᔾᔨᖃᑎᒌᑦ, ᐊᒻᒪᓗ ᒐᕙᒪᑐᖃᒃᑯᑦ ᑎᑭᐅᑎᓯᒪᔪᑦ ᐊᖏᖃᑎᒌᒃᑐᑦ ᐅᒃᑯᐊᕐᓂᐅᕐᓂᕐᒧᑦ ᐊᒻᒪᓗ ᑭᖑᓪᓕᐸᖅ ᓈᓴᐅᑎᖓ $69,687,246

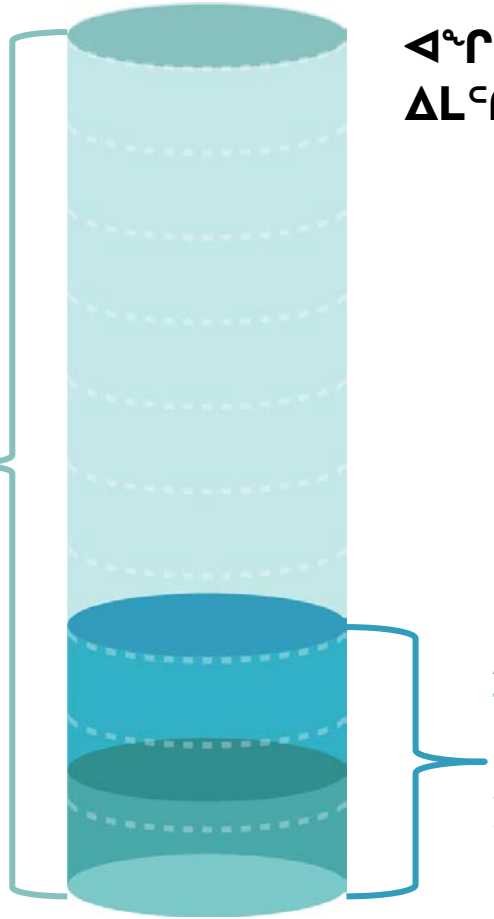
INCREASE OF YEARLY FRESHWATER USE

ᐊᖏᒡᓕᓂᖅ ᐅᑭᐅᒥᑦ
ᐃᒪᑦᑎᐊᕙᒃᑐᕐᓂᖅ

AGNICO EAGLE

Total freshwater requirements were assessed at 2,168,100 m³/year

ᑲᑎᓗᒃᑖᖅᓱᒋᑦ ᐃᒪᑦᑎᐊᕙᒃᑐᕐᓂᕐᒧᑦ ᐱᔭᕆᐊᖃᖅᑐᑦ
ᖃᐅᔨᓴᖅᑕᐅᓚᐅᖅᑐᑦ 2,168,100 m³/ᐅᑭᐅᓗᒃᑖᕐᒧᑦ



Agnico Eagle is requesting an increase to a total of 741,706 m³/year

ᐊᒡᓃᑯᒃᑯᑦ ᐊᖏᒡᓕᒋᐊᕈᒪᔭᖕᒐᑦ ᑲᑎᓗᒃᑖᖅᓱᒋᑦ
741,706 m³/ᐅᑭᐅᒧᑦ

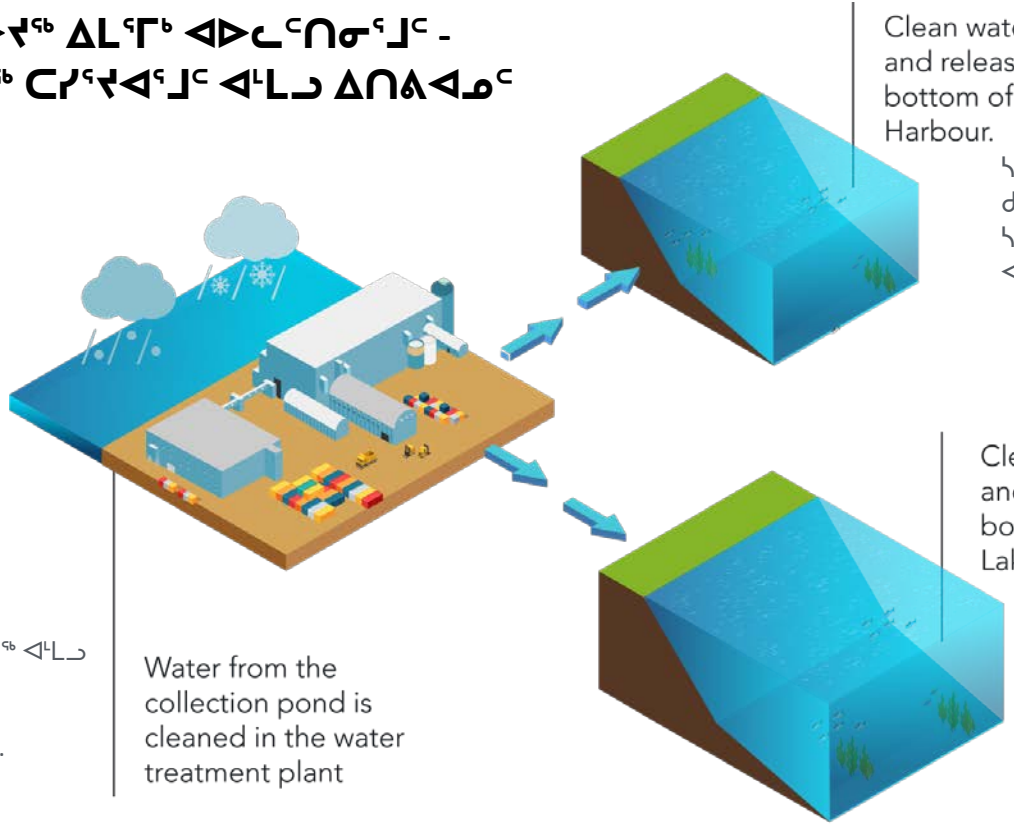
Water License yearly freshwater use is 318,000 m³/year

ᐃᒪᕐᒧᑦ ᓚᐃᓴᓐᓯ ᐅᑭᐅᑕᒫᖅ
ᐃᒪᑦᑎᐊᕙᒃᑐᕐᓂᕐᒧᑦ 318,000 m³/ᐅᑭᐅᕐᒥᑦ

PROPOSED WATER MANAGEMENT – DISCHARGE INTO MELIADINE LAKE AND ITIVIA HARBOUR

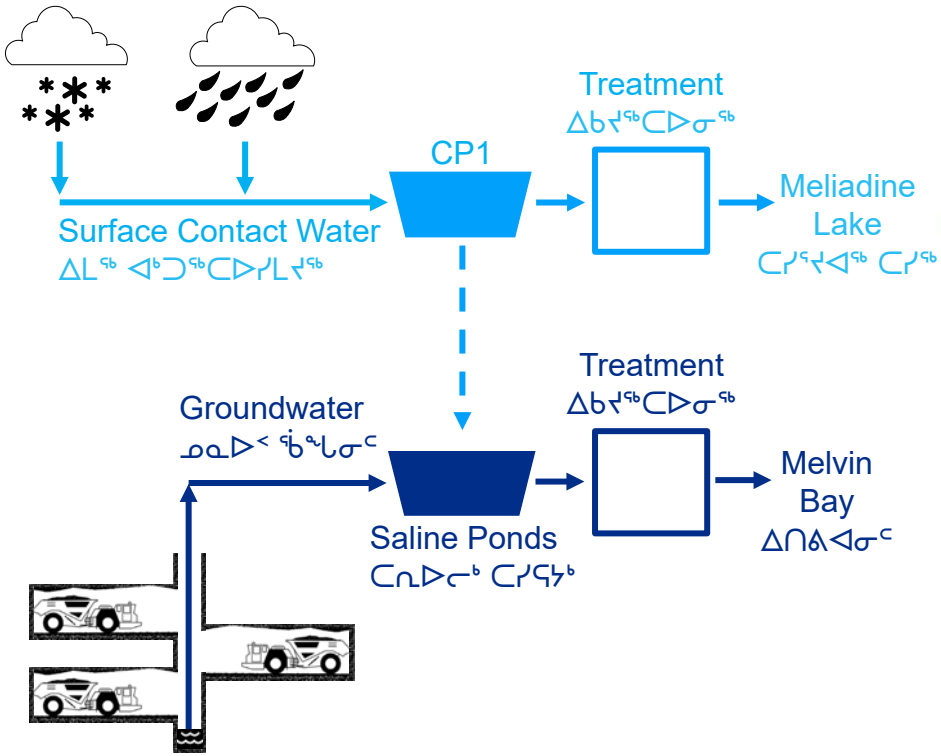
AGNICO EAGLE

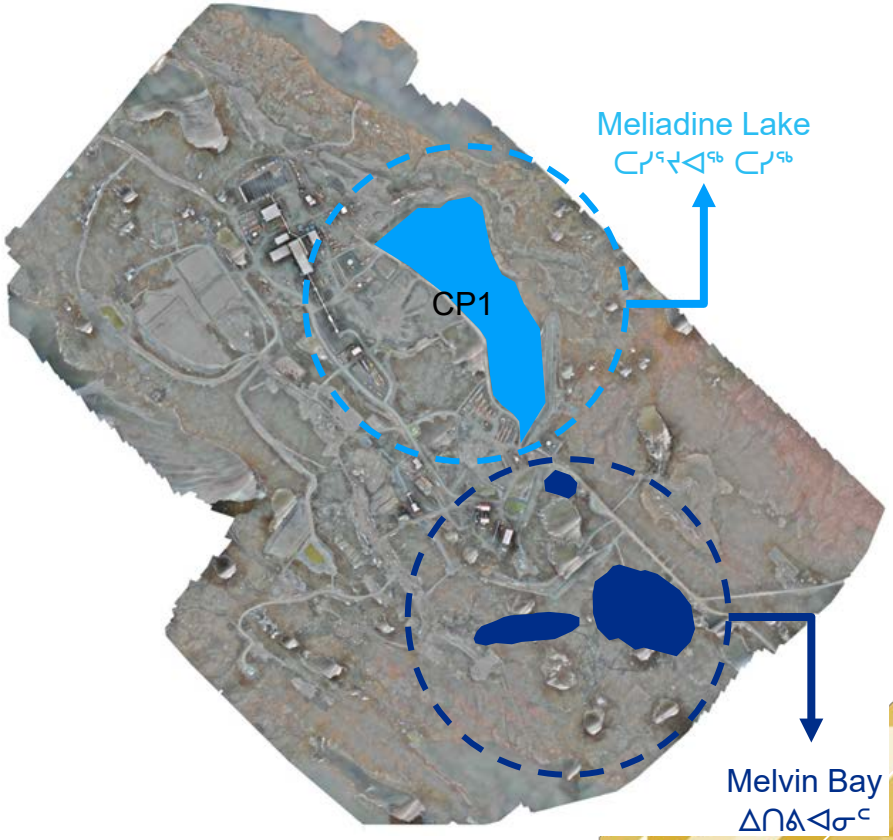
ᑐᒃᓯᕋᐅᑕᐅᔪᖅ ᐃᒪᕐᒥᒃ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ - ᑯᕕᑎᑕᐅᔪᖅ ᑕᓯᕐᔪᐊᕐᒧᑦ ᐊᒻᒪᓗ ᐃᑎᕕᐊᓄᑦ

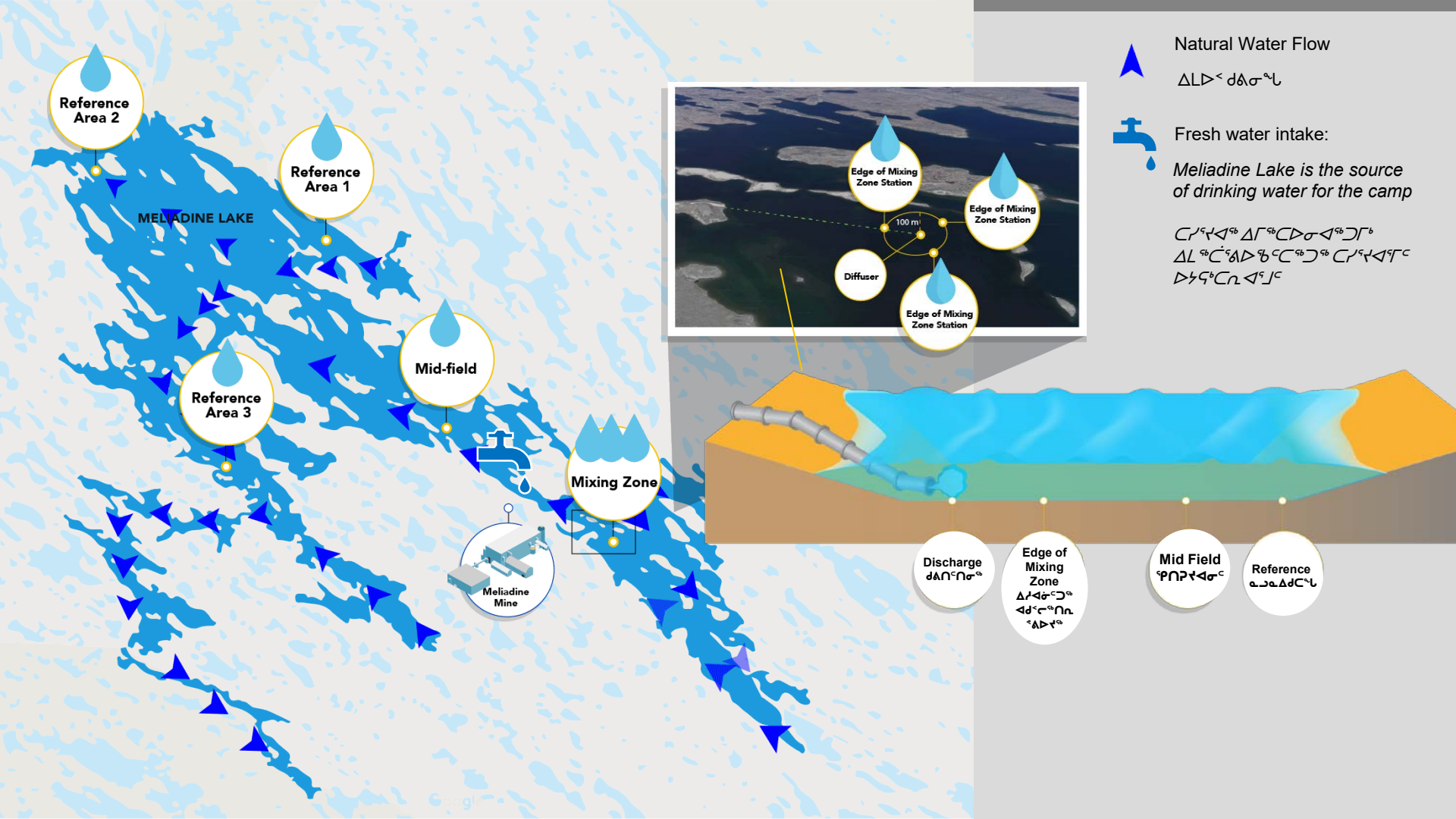


PROPOSED WATER MANAGEMENT – DISCHARGE INTO MELIADINE LAKE AND ITIVIA HARBOUR

ᑐᒃᓯᕋᐅᑕᐅᔪᖅ ᐃᒪᕐᒥᒃ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ - ᑯᕕᑎᑕᐅᔪᖅ ᑕᓯᕐᔪᐊᕐᒧᑦ ᐊᒻᒪᓗ ᐃᑎᕕᐊᓄᑦ






Reference Area 2
Reference Area 1
MELIADINE LAKE
Reference Area 3
Mid-field
Mixing Zone
Meliadine Mine
Edge of Mixing Zone Station
Edge of Mixing Zone Station
100 m
Diffuser
Edge of Mixing Zone Station
Discharge
Edge of Mixing Zone
Mid Field
Reference
Natural Water Flow
Fresh water intake:
Meliadine Lake is the source of drinking water for the camp

SUPPLEMENTAL MONITORING IN 2020

Emergency Amendment approved May 12, 2020

- Amendment discharges to Meliadine Lake from June 5 to October 4, 2020
- Managed through the Water Quality Management and Optimization Plan, which:
  - Developed End of Pipe and Edge of Mixing Zone limits
  - Detailed comprehensive water quality and toxicity testing monitoring
  - Verified appropriate long-term End of Pipe and Edge of Mixing Zone limits
- Monitoring supplemental to the Aquatic Effects Monitoring Program monitoring
- Results showed no change to the health of the lake:
  - Minor changes observed at the Edge of Mixing Zone, and rapidly and effectively dispersed with distance from the diffuser

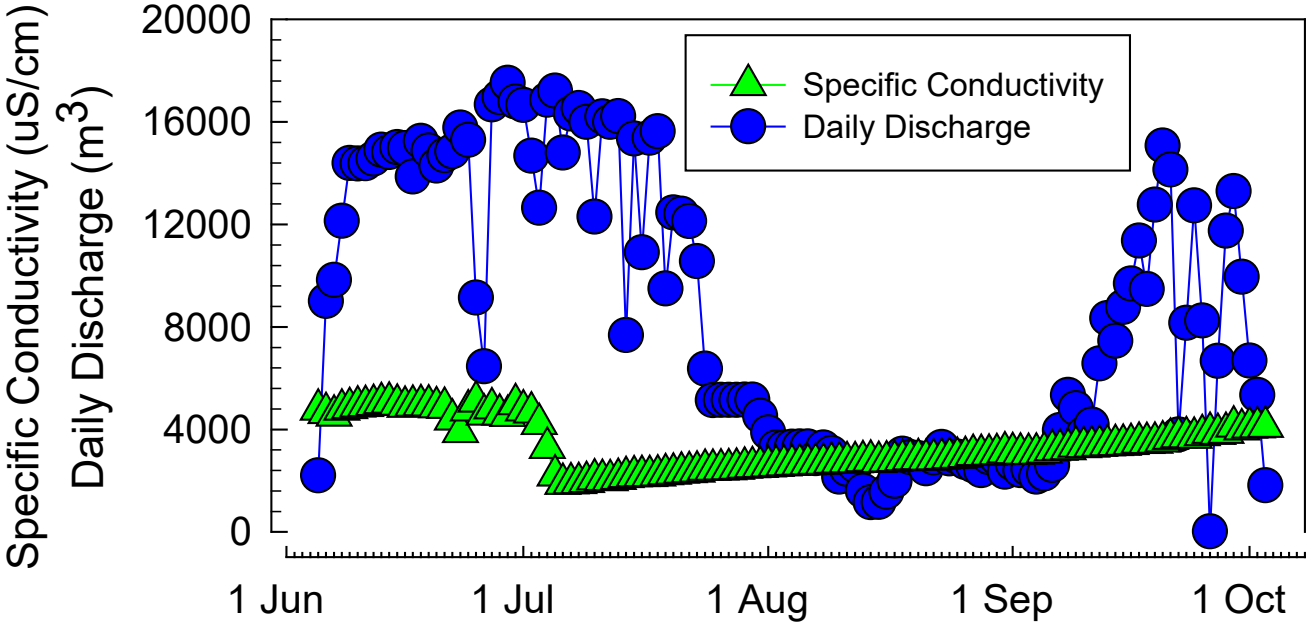
ᐃᓚᒋᔭᐅᔪᑦ ᖃᐅᔨᓴᐃᓂᖅ 2020

ᑐᐊᕕᕐᓇᖅᑐᖅ ᐃᓚᒋᐊᕈᑎ ᐊᖏᖅᑕᐅᓚᐅᖅᑐᖅ ᓄᕐᕋᐃᑦ 12, 2020

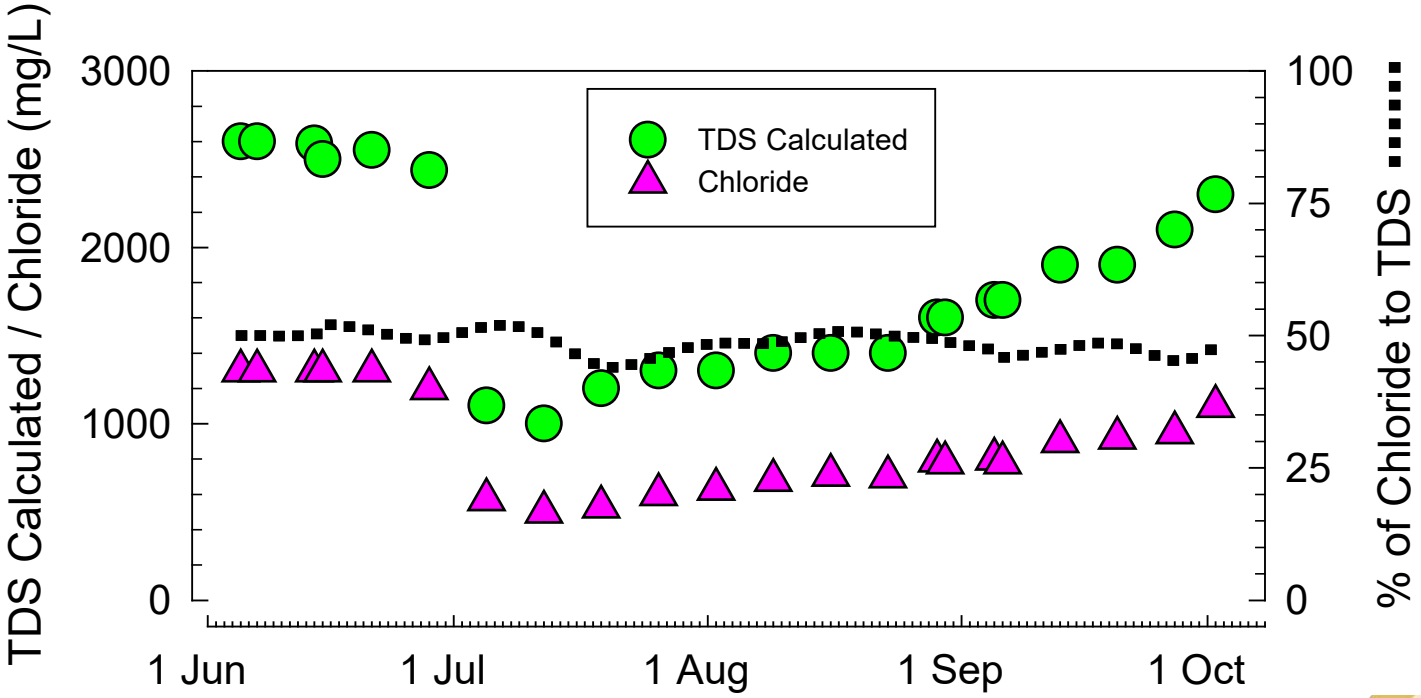
- ᐃᓚᒋᐊᕈᑎ ᑯᕕᖅᑕᕐᓃᑦ ᑕᓯᕐᔪᐊᕐᒧᑦ ᒪᓐᓃᑦᒥᒃ ᐅᑭᐅᓛᑦ 4, 2020ᒧᑦ
- ᐊᐅᓚᑕᐅᓂᖓ ᐃᒪᐅᑉ ᖃᓄᐃᓐᓂᖓ ᐊᐅᓚᑕᐅᓂᖓ ᐊᒻᒪᓗ ᐱᐅᓯᒋᐊᖅᓯᓂᕐᒧᑦ ᐸᕐᓇᐅᑎ, ᐃᒪᓐᓇᐃᑦᑐᖅ:
  - ᓴᓇᔭᐅᓚᐅᖅᑐᖅ ᓱᐸᓗᓕᒃ ᐊᒻᒪᓗ ᑭᒡᓕᐊᑕ ᐃᓱᖓᓂᒃ ᐃᖑᓚᕐᕕᐅᑉ ᑭᒡᓕᖓᓂ.
  - ᓇᓗᓇᐃᔭᖅᓯᒪᔪᑦ ᐊᖏᓗᐊᖏᒋᐊᖅᑎᓯᒪᔪᑦ ᐃᒪᐅᑉ ᖃᓄᐃᓐᓂᖓ ᐊᒻᒪᓗ ᐱᐅᖏᑦᑑᖓᒫᑦ ᐅᒃᑐᕋᖅᑕᐅᔪᖅ ᖃᐅᔨᓴᕐᓂᖅ
  - ᖃᐅᔨᓴᖅᑕᐅᓯᒪᔪᑦ ᐋᖅᕿᒃᑕᐅᓯᒪᔪᑦ ᐊᑯᓂᐅᓂᖅᓴᖅ ᐃᓱᓕᓐᓂᐊᕐᓂᖓᓄᑦ ᓱᐸᓗᐃᑦ ᐊᒻᒪᓗ ᑭᒡᓕᐊᑕ ᐃᖑᓚᕐᕕᐅᑉ ᑭᒡᓕᖓᓂᒃ.
- ᖃᐅᔨᓴᖅᑕᐅᓂᖅ ᐃᓚᒋᔭᐅᓂᖓ ᐃᒪᕐᒥᐅᑕᐃᑦ ᐊᒃᑐᖅᑕᐅᓂᖓ ᖃᐅᔨᓴᖅᑕᐅᓂᖅ ᐱᓕᕆᐊᕐᒧᑦ ᖃᐅᔨᓴᖅᑕᐅᓂᖅ
- ᖃᐅᔨᓴᖅᑕᐅᓃᑦ ᑕᑯᑎᑖᓚᐅᖅᑐᑦ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᖏᒻᒪᑦ ᖃᓄᐃᓐᓂᖓ ᑕᓯᐅᑉ:
  - ᒥᑭᑦᑐᑦ ᐊᓯᔾᔨᖅᐸᓪᓕᐊᓂᖏᑦ ᖃᐅᔨᓴᖅᑕᐅᓚᐅᖅᑐᑦ ᑭᒡᓕᖓᑕ ᐃᖑᓚᕐᕕᐅᑉ ᐃᓂᖓᓂ, ᐊᒻᒪᓗ ᑐᐊᕕᕐᓇᑐᒥᒃ ᐊᒻᒪᓗ ᐱᐅᔪᒥᒃ ᓯᐊᒻᒪᓚᐅᑐᖅ ᐅᖓᓯᒃᑐᒥᑦ

Treated Discharge

ᐊᑯᐸᓕᖅᓯᒪᔪᖅ ᑯᐱᖅᑕᕐᓂᖅ



Treated Discharge



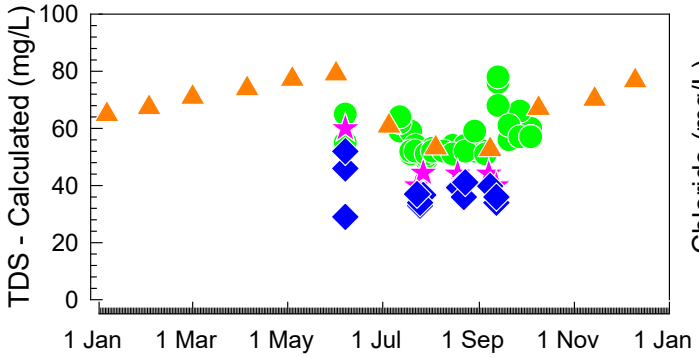
WATER QUALITY MANAGEMENT AND OPTIMIZATION PLAN

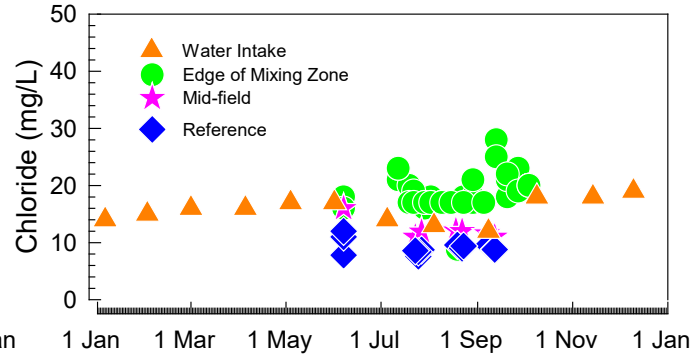
ᐃᒪᐅᑉ ᖃᓄᐃᓐᓂᖕᒐᓄᑦ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐊᒻᒪᓗ ᐱᐅᓯᒋᐊᖅᓯᓂᕐᒧᑦ ᐸᕐᓇᐅᑎ

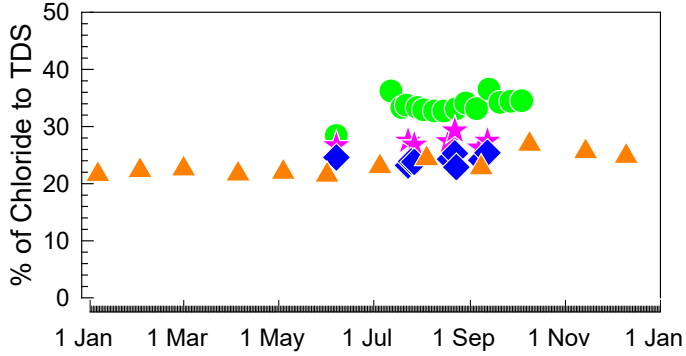
AGNICO EAGLE

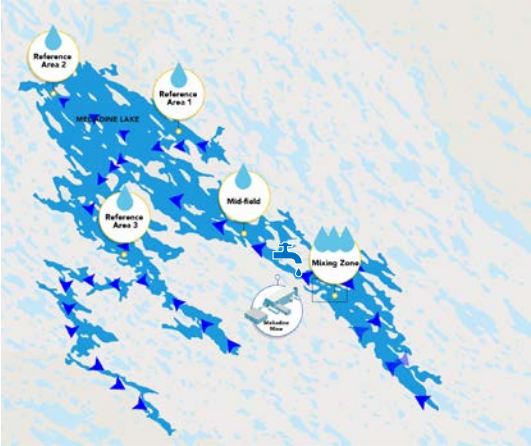
Receiving Environment

ᓄᓇᐅᑉ ᐃᓂᖕᒐ ᑯᐱᕝᕕᐅᔫᑉ









IMPROVED UNDERSTANDING OF ACUTE AND CHRONIC TOXICITY

ᐱᐅᓯᒋᐊᖅᓯᒪᔪᑦ ᑐᑭᓯᐊᓃᑦ ᐅᓗᕆᐊᓇᖅᑐᒥ ᐊᒻᒪᓗ ᐋᕿᒍᓐᓇᖕᒋᑦᑐᒥᑦ ᐱᐅᖕᒋᑦᑐᖅ

AGNICO EAGLE

TDS Benchmarks Successfully Validated in 2020

TDS ᑎᑭᐅᑎᓯᒪᓂᕆᔭᖕᒋᑦ ᐱᐊᓂᒃᑎᐊᓚᐅᖅᑐᖅ ᓇᓗᓇᐃᖅᑕᐅᓂᖕᒋᑦ 2020ᒥᑦ

Interim TDS Benchmarks

- Historical Effluent Toxicity Testing
- Literature reviews (TDS and chloride)
- Comparison to other Mine Sites

WQ-MOP Developed and Initiated in early 2020

ᑎᑭᐅᑎᓯᒪᓚᐅᐱᓪᓚᒃ ᑐᑦ TDS

- ᐊᑐᖅᑕᐅᖃᑦᑕᖅᑐᑐᖃᐃᑦ ᑯᕕᓃᑦ ᐅᓗᕆᐊᓇᖅᑐᖅ ᐆᒃᑐᕋᕐᓂᖅ
- ᑎᑎᕋᖅᑕᐅᓂᑯᓂᒃ ᖃᐅᔨᓴᖅᑕᐅᓃᑦ (TDS ᐊᒻᒪᓗ ᑯᓗᐊᕋᐃᑦ)
- ᐊᓯᖕᒋᑦ ᐅᔭᕋᒃᑕᕆᐊᑦ ᐆᒃᑐᑎᒋᓗᒋᑦ

WQ-MOP ᐋᕿᒃᑕᐅᓚᐅᖅᐳᖅ ᐊᒻᒪᓗ ᐊᑐᓕᖅᑕᐅᑉᓗᓂ 2020 ᐱᒋᐊᓐᖅᑎᓪᓗᒍ

WQ-MOP Validation

- Supplemental Crustacean Testing
- Receiving Environment Toxicity Testing during 2020 releases
- Expanded Effluent Testing

SSWQO of 1,000 mg/L and MAC of 3,500 mg/L for TDS confirmed as protective of aquatic life

WQ-MOP ᓇᓗᓇᐃᑕᐅᓂᖅ

- ᐃᓚᒋᔭᐅᔪᖅ ᑭᖑᓪᓚᖕᓂᖅ ᐆᒃᑐᕋᕐᓂᖅ
- ᑎᒍᓯᔪᖅ ᐊᕙᑎᐅᑉ ᐅᓗᕆᐊᓇᕐᓂᖕᒐᓂᒃ ᐆᒃᑐᕋᕐᓂᖅ 2020ᒥ
- ᐊᖕᒋᒡᓕᒋᐊᖅᑕᐅᓃᑦ ᑯᕕᔪᕐᒧᑦ ᖃᐅᔨᓴᖅᑕᐅᓂᖅ

SSWQO of 1,000 mg/L and MAC of 3,500 mg/L ᒧᑦ TDS ᐱᑕᖃᕐᒪᑦ ᒥᐊᓂᕆᓂᕐᒥᒃ ᐃᒪᕐᒥᐅᑕᖃᕐᒪᑦ

WATER QUALITY MANAGEMENT AND OPTIMIZATION PLAN

ᐃᒪᐅᑉ ᖃᓄᐃᓐᓂᖓᓄᑦ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐊᒻᒪᓗ ᐱᐅᓯᒋᐊᖅᓯᓂᕐᒧᑦ ᐸᕐᓇᐅᑎ

AGNICO EAGLE

- Key messages developed in collaboration with the Water Management Working Group:
  - Constituents in the discharge are not being released at levels which are harmful in Meliadine Lake.
  - The monitoring data confirms that the diffuser is working as planned and that the water being released is not harmful to Meliadine Lake.
  - The release of the water is going as planned and testing and continuous monitoring shows that harmful effects on the environment, fish and other aquatic life are not occurring.

- ᑐᓴᕈᒥᓇᓗᐊᖅᑐᑦ ᐋᕿᒃᑕᐅᓯᒪᔪᑦ ᐱᓕᕆᖃᑎᖃᖅᓱᑎᑦ ᐃᒪᐅᑉ ᐊᐅᓚᑕᐅᓂᖓᓂᒃ ᐱᓕᕆᖃᑎᒌᖕᓄᑦ ᑲᑎᒪᔨᐊᓛᖅ:
  - ᐃᓚᒋᔭᐅᔪᑦ ᑯᕕᔪᒥᒃ ᑎᑭᐅᑎᓇᔭᖅᑕᖓᓄᑦ ᐅᓗᕆᐊᓇᕐᒪᑕ ᑕᓯᕐᔪᐊᕐᒧᑦ.
  - ᖃᐅᔨᓴᕐᓃᑦ ᓈᓴᐅᑎᖕᒋᑦ ᓇᓗᓇᐃᖅᐳᖅ ᓯᐊᒻᒪᒃᓴᐅᑦ ᐃᑲᔪᕐᓂᖃᕐᒪᑦ ᐸᕐᓇᐅᑕᐅᓚᐅᖅᑐᖅ ᐊᒻᒪᓗ ᐃᒪᖅ ᑯᕕᔪᖅ ᑕᓯᕐᔪᐊᕐᒧᑦ ᐅᓗᕆᐊᓇᖕᖕᒋᒻᒪᑦ.
  - ᐃᒪᖅ ᑯᕕᑎᑕᐅᔪᖅ ᑲᔪᓯᑦᑎᐊᖅᑐᖅ ᐊᒻᒪᓗ ᖃᐅᔨᓴᕐᓂᕆᔭᐅᔪᖅ ᑲᔪᓯᑦᑎᐊᖅᑐᖅ ᐅᓗᕆᐊᓇᖅᑐᖃᖕᖕᒋᒻᒪᑦ ᐃᒪᕐᒥᐅᑕᓂᖕᒑᖅᑐᓂᒃ.

Agnico Eagle | Meliadine Licence Amendment | ᑕᓯᕐᔪᐊᕐᒥᑦ ᐃᒪᕐᒥᒃ ᓚᐃᓴᓐᓯᒥᒃ ᐋᕿᑭᒋᐊᖅᓯᓂᖅ

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WATER QUALITY MANAGEMENT AND OPTIMIZATION PLAN

ᐃᒪᐅᑉ ᖃᓄᐃᓐᓂᖕᒐᓄᑦ ᐊᐅᓚᑦᑎᓂᕐᒧᑦ ᐊᒻᒪᓗ ᐱᐅᓯᒋᐊᖅᓯᓂᕐᒧᑦ ᐸᕐᓇᐅᑎ

AGNICO EAGLE

- Discharge volumes are lower than planned, as precipitation has been lower than average this year.
- Agnico Eagle is working on alternative strategies for discharging CP1 water into Meliadine Lake, one of which consists of recirculating CP1 water into the Process Plant.
- Meliadine Lake is the source of freshwater for the camp and we have not observed changes in the drinking water quality at the camp.

- ᑯᕕᖅᑕᖅᑕᐅᓂᑯᑦ ᐊᑦᑎᖕᓂᖅᓴᐅᕗᑦ ᐸᖕᓇᒃᑕᐅᓚᐅᖅᑐᓂᒃ, ᒪᕐᑯᖃᑦᑕᖕᒋᓐᓂᖅᓴᐅᓚᐅᕐᒪᑦ ᐅᒃᐅᖕᒐᓚᐅᖅᑐᖅ.
- ᐊᒡᓃᑯᒃᑯᑦ ᐱᓕᕆᒧᑦ ᐃᑲᔪᕈᑕᐅᒐᔭᖅᑐᒥᒃ ᑯᕕᖅᑕᕐᓂᕐᒧᑦ CP1 ᑯᕕᔪᖅ ᑕᓯᕐᔪᐊᕐᒧᑦ, ᐃᓚᖕᒐ ᐃᓚᖃᖅᑐᖅ ᐃᓚᖃᕐᑐᒥᒃ ᐊᑐᖅᑕᐅᑲᓐᓂᖅᑐᒥᒃ CP1 ᐃᒪᕐᒥᒃ ᐱᓕᐅᕆᕙᓪᓕᐊᒡᕕᖕᒧᑦ.
- ᑕᓯᕐᔪᐊᖅ ᐃᒪᑦᑎᐊᕙᒃᑖᕐᕕᐅᖃᑦᑕᖅᑐᖅ ᓄᓇᓕᐊᑏᒧᑦ ᐊᑐᖅᑕᐅᓂᐊᖅᑐᒥᑦ ᖃᐅᔨᓚᐅᖕᒋᕐᓗᑕᓗ ᐊᓯᐊᙵᖅᑐᓂᒃ ᐃᒥᖅᑕᐅᑎᓪᓗᒍ ᓄᓇᓕᐊᑏᒥᑦ.

HEALTH OF MELIADINE LAKE – HISTORY
ᖃᓄᐃᓐᓂᖓ ᑕᓯᕐᔪᐊᖅ - ᐋᓐᓂᐊᖅᑐᓕᕆᔨᒃᑯᑦ

From the Final Environmental Impact Statement:

- Meliadine Lake was identified as:
  - An important drinking water source (including for tea making)
  - Important for domestic fishing
- The importance of clean water and the health of fish (such as Lake Trout and Arctic Char) has been emphasized
- Monitoring Programs were developed to evaluate water in the discharge and water and aquatic life in Meliadine Lake

ᑭᖑᓪᓕᖅᐸᖅ ᑎᑎᕋᖅᓯᒪᔪᖅ ᐊᕙᑎᓕᕆᓂᐅᑉ ᒥᒃᓵᓄᑦ:

- ᑕᓯᕐᔪᐊᖅ ᐃᓕᑕᕆᔭᐅᓚᐅᖅᑐᖅ ᐃᒪᓐᓇ:
  - ᐃᒥᖅᑕᕐᕕᐅᖃᑦᑕᑦᑎᐊᖅᓱᓂ (ᑏᓕᐅᕈᑕᐅᖃᑦᑕᖅᓱᓂᓗ)
  - ᐃᖃᓪᓕᐊᕐᕕᐅᖃᑦᑕᖅᓱᓂᓗ
- ᐃᒪᑦᑎᐊᕙᒃ ᐱᒻᒪᕆᐅᔪᖅ ᐊᒻᒪᓗ ᐃᖃᓗᐃᑦ ᖃᓄᐃᖕᒋᓐᓂᖕᒋᑦ ᐱᒻᒪᕆᐅᔪᖅ (ᐃᓗᕋᐃᑦ ᐊᒻᒪᓗ ᑕᕆᐅᕐᒥᐅᑕᐃᑦ) ᐃᑲᔪᖅᑐᖅᑕᐅᔪᑦ
- ᖃᐅᔨᓴᕐᓃᑦ ᐱᓕᕆᐊᑦ ᐋᕿᒃᓱᖅᑕᐅᓚᐅᖅᐳᑦ ᖃᓄᐃᓕᕐᒪᖔᑦ ᐃᒪᖅ ᑯᕕᑎᑕᐅᔪᖅ ᐊᒻᒪᓗ ᐃᒪᕐᒥᐅᑕᐃᑦ ᑕᓯᕐᔪᐊᕐᒥ

Agnico Eagle | Meliadine Licence Amendment | ᑕᓯᕐᔪᐊᕐᒥᑦ ᐃᒪᕐᒥᒃ ᓚᐃᓴᓐᓯᒥᒃ ᐋᖅᑭᒋᐊᖅᓯᓂᖅ

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HEALTH OF MELIADINE LAKE – CURRENT MONITORING

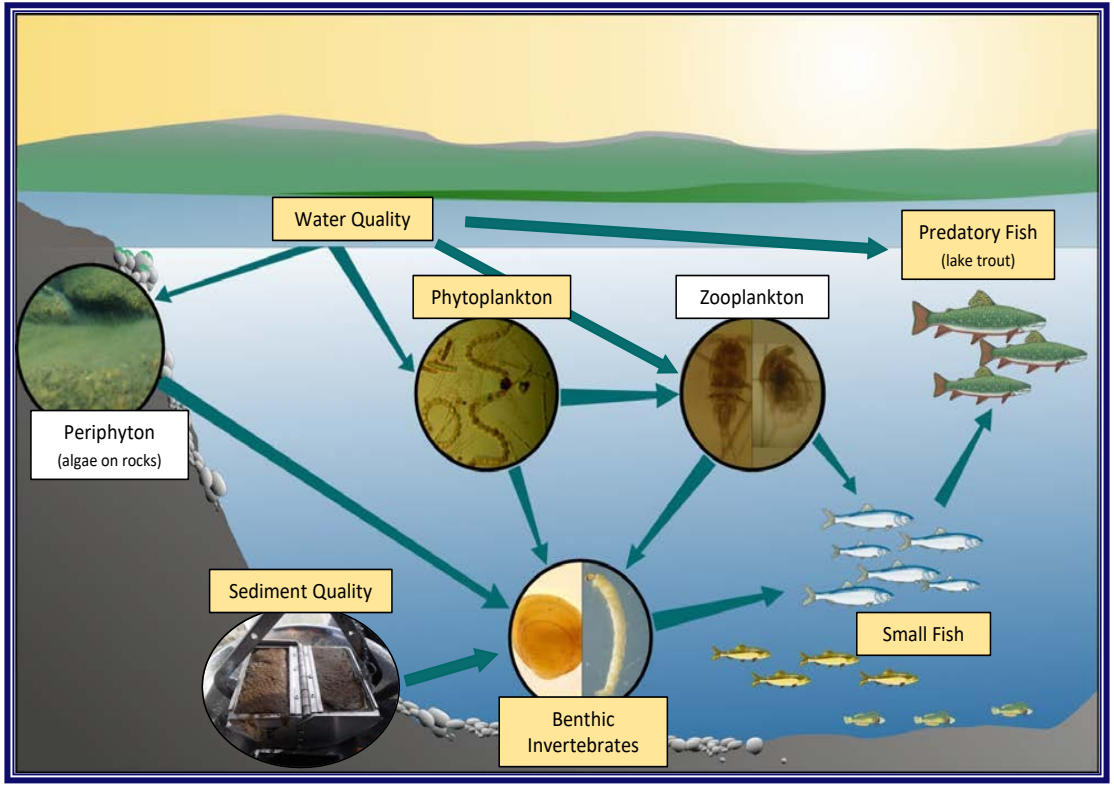
ᖃᓄᐃᓐᓂᖓ ᑕᓯᕐᔪᐊᖅ – ᐅᑉᓗᒥ ᖃᐅᔨᓴᖅᑕᐅᓃᑦ

AGNICO EAGLE

Aquatic Effects Monitoring Program – What is it?

Regular monitoring in Meliadine Lake to make sure that:

1. Water is safe to drink
2. Fish are safe to eat
3. The lake is healthy for fish and other organisms



ᐃᒪᕐᒥᐅᑕᐃᑦ ᐊᒃᑐᖅᑕᐅᓂᖏᒃ ᖃᐅᔨᓴᕐᓂᕐᒧᑦ ᐱᓕᕆᐊᖅ

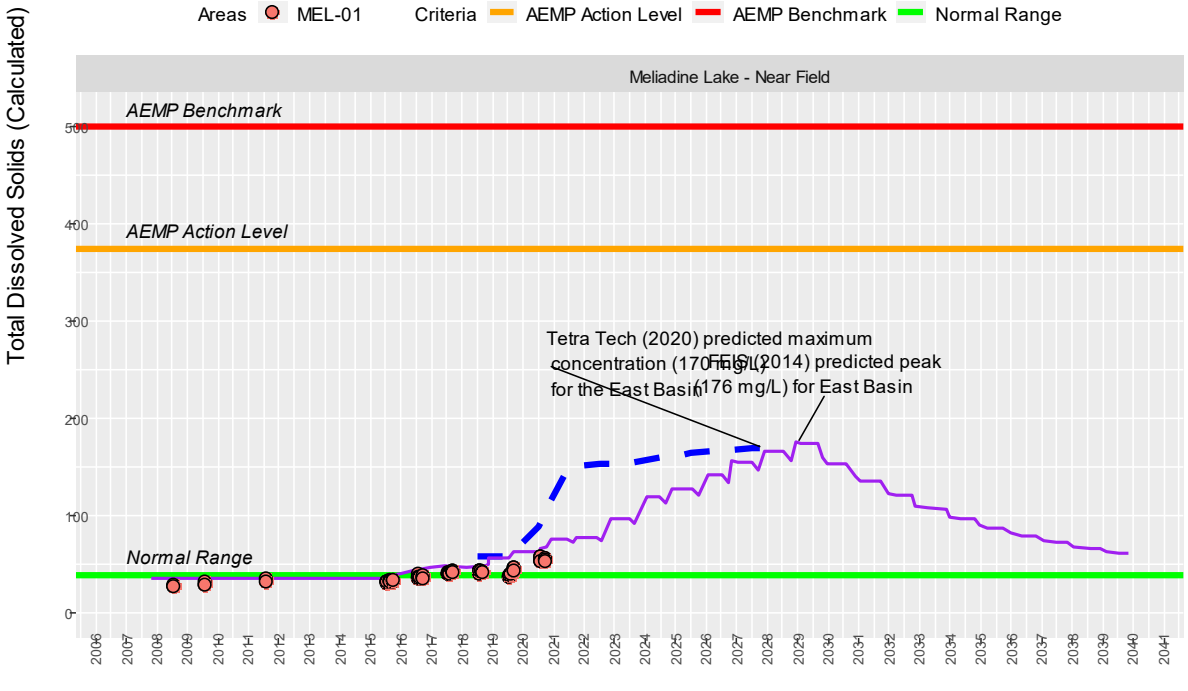
– ᓱᓇᐅᕙ?

ᖃᐅᑕᒫᑦ ᖃᐅᔨᓴᖅᑕᐅᓂᖅ ᑕᓯᕐᔪᐊᕐᒥ ᐃᒪᓐᓇᐃᕐᑯᔭᐅᕗᑦ:

1. ᐃᒪᖅ ᐅᓗᕆᐊᓇᖅᑐᖃᖕᖏᓪᓗᓂ
2. ᐃᖃᓗᐃᑦ ᓂᕆᔭᐅᒍᓐᓇᕐᓗᑎᒃ
3. ᑕᓯᖅ ᐋᓐᓂᐊᕐᓂᖅᑕᖃᖏᓪᓗᓂ ᐊᒻᒪᓗ ᐊᓯᖏᓐᓂᒃ ᐆᒪᔪᕋᓛᑦ

HEALTH OF MELIADINE LAKE – CURRENT MONITORING

ᖃᓄᐃᓐᓂᖓ ᑕᓯᕐᔪᐊᖅ – ᐅᑉᓗᒥ ᖃᐅᔨᓴᖅᑕᐅᓃᑦ



Water Quality: TDS has increased over time relative to pre-development conditions (green line), but the changes are consistent with predicted changes in the 2014 FEIS (purple line), and recent modelling in 2020 (blue line)

ᐃᒪᐅᑉ ᖃᓄᐃᓐᓂᖓ: TDS ᐊᖏᒡᓕᒋᐊᓯᒪᔪᖅ ᐅᑭᐅᑦ ᖃᖏᖅᑎᓪᓗᒋᑦ ᐊᒃᑐᐊᓂᖃᖅᑐᒥᒃ ᓴᓇᔭᐅᑉᐸᒌᓛᐅᖅᑐᑦ ᖃᓄᐃᓐᓂᖏᑦ (ᑐᖑᔪᐊᖓᔪᖅ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᖅ), ᑭᓯᐊᓂ ᐊᓯᔾᔨᕐᓂᖏᑦ ᐊᓯᔾᔨᖅᑕᐅᓂᐊᕐᓂᕆᓚᐅᖅᑕᖏᓐᓂᒃ ᐊᔾᔨᒌᒃᑐᑦ 2014 FEIS (ᐊᐅᐸᓪᓕᕆᒃᑐᖅ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᖅ), ᐊᒻᒪᓗ ᓴᓇᔭᐅᓵᕐᓂᑯ 2020ᒥ (ᑐᖑᔪᖅᑐᖅ ᑎᑎᕋᖅᑕᐅᓯᒪᔪᖅ)

Agnico Eagle | Meliadine Licence Amendment | ᑕᓯᕐᔪᐊᕐᒥᑦ ᐃᒪᕐᒥᒃ ᓚᐃᓴᓐᓯᒥᒃ ᐋᖅᑭᒋᐊᖅᓯᓂᖅ

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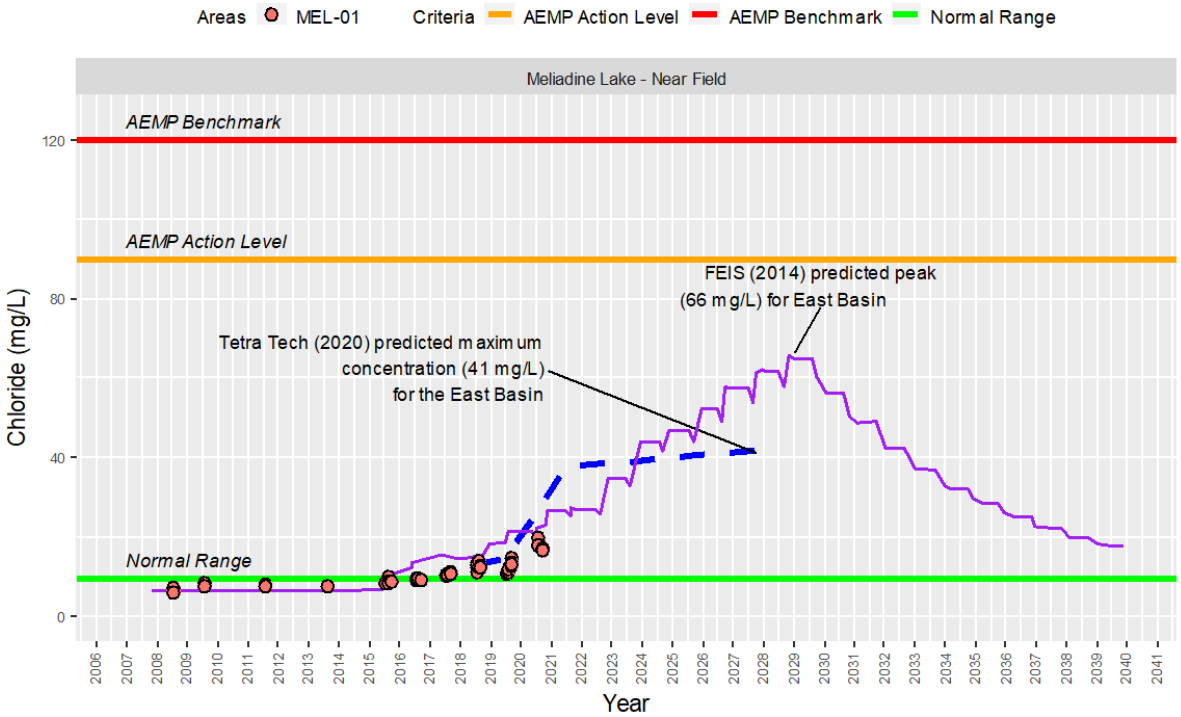
HEALTH OF MELIADINE LAKE – CURRENT MONITORING

ᖃᓄᐃᓐᓂᖓ ᑕᓯᕐᔪᐊᖅ – ᐅᑉᓗᒥ ᖃᐅᔨᓴᖅᑕᐅᓃᑦ



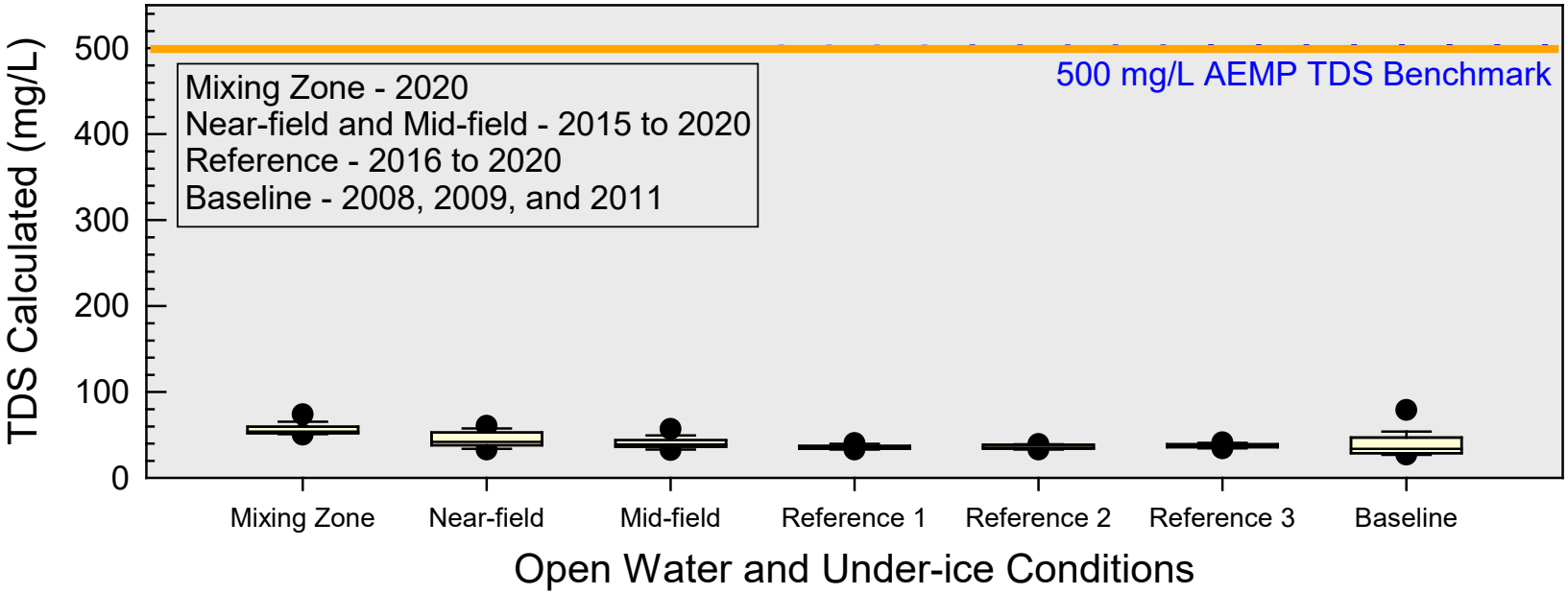
Water Quality: Chloride has increased over time relative to pre-development conditions (green line), but the changes are consistent with predicted changes in the 2014 FEIS (purple line), and recent modelling in 2020 (blue line)

ᐃᒪᐅᑉ ᖃᓄᐃᓐᓂᖓ: ᑯᓗᐊᕋᐃᑦ ᐊᖏᒡᓕᒋᐊᖅᓯᒪᔪᖅ ᖀᖏᖅᓯᒪᔪᑦ ᓴᓇᔭᐅᓯᒪᔪᑦ ᖃᓄᐃᓐᓂᖏᑦ (ᑐᖑᔪᐊᖓᔪᖅ ᑎᑎᕋᖅᓯᒪᔪᖅ), ᑭᓯᐊᓂ ᐊᓯᔾᔨᕐᓂᖏᑦ ᐊᓯᔾᔨᖅᑕᐅᓂᐊᕐᓂᕆᓚᐅᖅᑕᖏᓐᓂᒃ ᐊᔾᔨᒌᒃᑐᑦ 2014ᒥ FEIS (ᐊᐅᐸᓪᓗᕆᒃᑯᖅ ᑎᑎᕋᖅᓯᒪᔪᖅ), ᐊᒻᒪᓗ ᓴᓇᔫᐅᓵᕐᓂᑯ 2020ᒥ (ᑐᖑᔪᖅᑐᖅ ᑎᑎᕋᖅᓯᒪᔪᖅ)

HEALTH OF MELIADINE LAKE – CURRENT MONITORING

ᖃᓄᐃᓐᓂᖓ ᑕᓯᕐᔪᐊᖅ – ᐅᑉᐳᒥ ᖃᐅᔨᓴᖅᑕᐅᓃᑦ

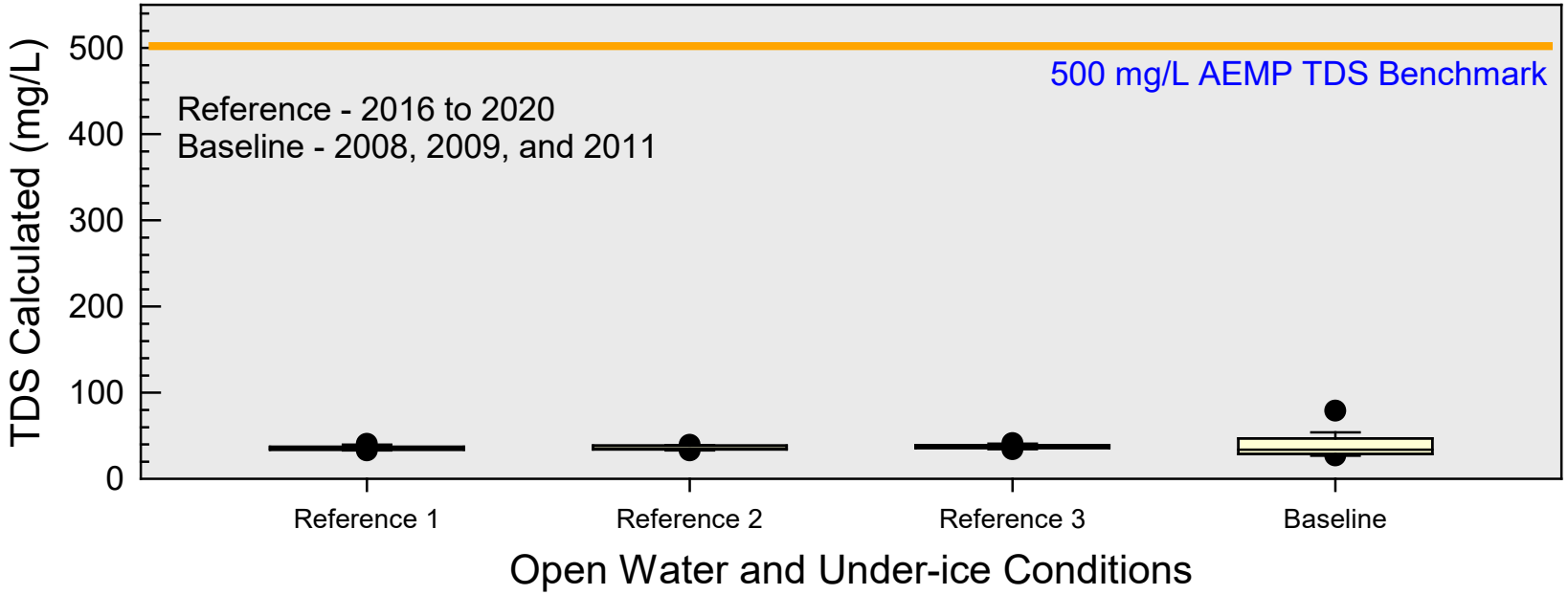
AGNICO EAGLE



HEALTH OF MELIADINE LAKE – CURRENT MONITORING

ᖃᓄᐃᓐᓂᖓ ᑕᓯᕐᔪᐊᖅ – ᐅᑉᓗᒥ ᖃᐅᔨᓴᖅᑕᐅᓃᑦ

AGNICO EAGLE



HEALTH OF MELIADINE LAKE – FUTURE PREDICTIONS

ᖃᓄᐃᓐᓂᖓ ᑕᓯᕐᔪᐊᑉ – ᓯᕗᓂᑉᑎᓐᓂ ᖃᓄᐃᓐᓂᐊᕋᓱᒋᔭᐅᔪᑦ

AGNICO EAGLE

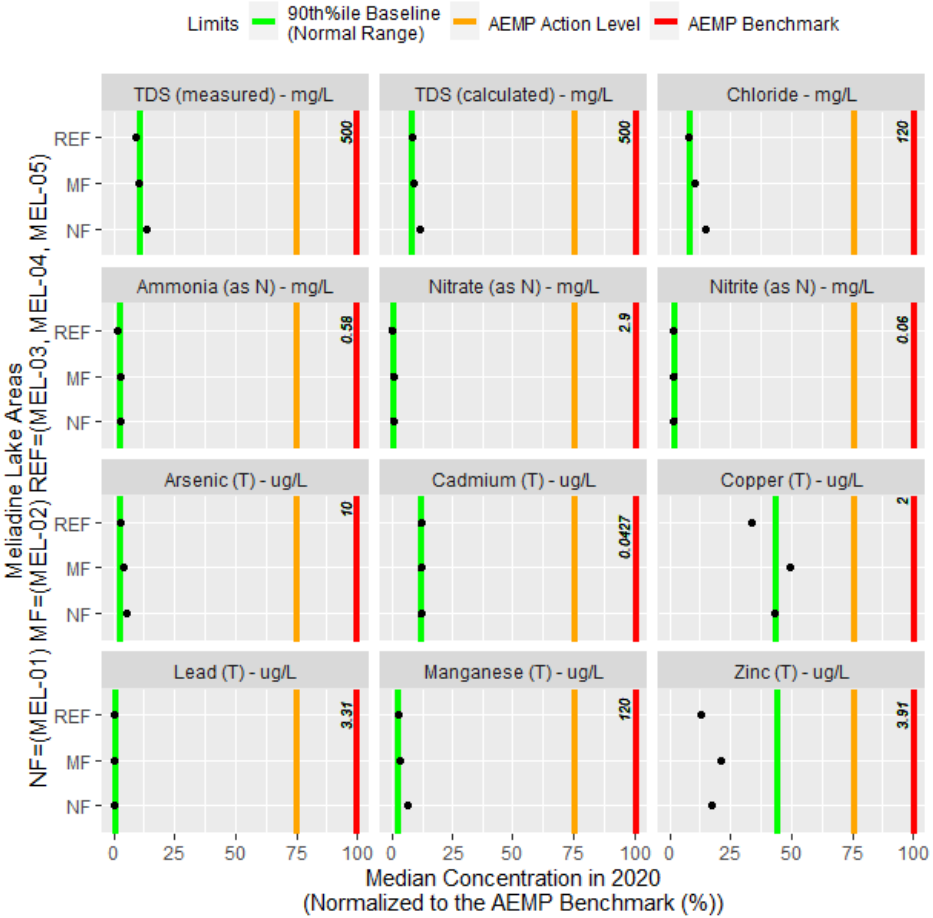
Water Quality Parameter ᐃᒪᐅᑉ ᖃᓄᐃᓐᓂᖓ ᑭᒡᓕᖃᕐᕕᖓ		Measured Mixing Zone, Median ᐆᒃᑐᕋᖅᑕᐅᓯᒪᔪᑦ ᐊᑯᕝᕕᒃ, ᕿᑎᐊᓃᖓᔪᖅ		Predictions, Mixing Zone, Average ᖃᓄᐃᓐᓂᐊᕋᓱᒋᔭᐅᔪᑦ, ᐊᑯᕝᕕᒃ, ᐊᒥᓱᑦ ᑲᑎᖕᓗᒋᑦ	Monitoring Benchmark ᖃᐅᔨᓴᕐᓂᐅᑉ ᑎᑭᐅᑎᓂᖓ		Average Prediction (2021-2028) % of Monitoring Benchmark ᑲᑎᖕᓗᒋᑦ ᖃᓄᐃᓐᓂᐊᕋᓱᒋᔭᐅᔪᑦ (2021-2028) % ᖃᐅᔨᓴᖅᑕᐅᓂᐅᑦ ᑎᑭᐅᑎᓂᖕᒋᑦ
	Units ᐊᑉᒍᖅᓯᒪᔪᑦ	2015/2016	2020	2021-2028	Aquatic ᐃᒪᖅ	Drinking Water ᐃᒥᖅᑐᕐᓂᖅ	
Total dissolved solids ᑲᑎᖕᓗᒍ ᓄᖕᒍᑎᖅᓯᒪᔪᑦ ᑯᕕᑎᑕᐅᓲᑦ	mg/L	41	68	167	500	500	33%
Chloride ᑯᔫᕋᐃᑦ	mg/L	9	18	40	120	-	33%
Nitrate ᓇᐃᑐᓈᑦ	mg/L	0.02	0.05	0.39	13	44	3%
Arsenic ᐋᓯᓂᒃ	ug/L	0.4	0.5	0.62	25	10	6%
Cadmium ᑰᑦᒥᐊᒻ	ug/L	0.005	0.005	0.01	0.043	5	13%
Iron ᓴᕕᕋᔭᒃ	ug/L	20	25	25	1,060	300	8%
Mercury ᐊᕿᕐᕈᔭᖅ	ug/L	0.0006	0.0005	0.0008	0.026	1	3%

CURRENT WATER QUALITY IN MELIADINE LAKE

ᐅᑉᓗᒥ ᐃᒪᐅᑉ ᖃᓄᐃᓐᓂᖓ ᑕᓯᕐᔪᐊᕐᒥ

AGNICO EAGLE

Water quality in 2020 (black dots) is well below levels meant to protect the health of aquatic life (e.g., fish) and ensure water is safe for people to drink.



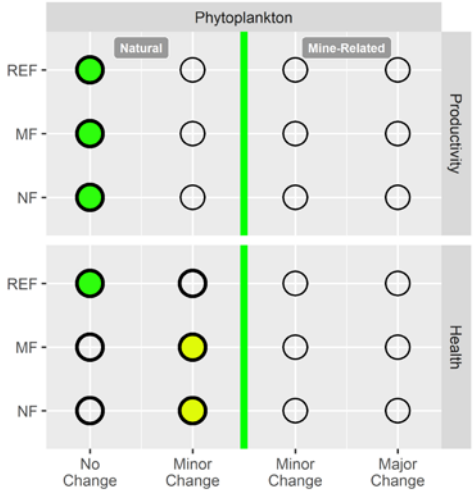
ᐃᒪᐅᑉ ᖃᓄᐃᓐᓂᖓ 2020ᒥ, (ᕿᕐᓂᖅᑐᖅ ᐊᖓᓗᖅᑐᑯᓗᐃᑦ) ᐊᑦᑎᖕᓂᖓᓃᓚᖕᔪᖅ ᐃᒪᕐᒥᐅᑕᐃᑦ ᐊᑦᑕᓇᖅᑐᒦᔭᖕᒋᒻᒪᑕ (ᐆᒃᑑᑎᒋᓗᒍ., ᐃᖃᓗᒃ) ᐊᒻᒪᓗ ᐃᒪᖅ ᐃᒥᖅᑕᐅᒍᓐᓇᕐᓂᐊᕐᒪᑦ ᐃᓄᖕᓄᑦ.

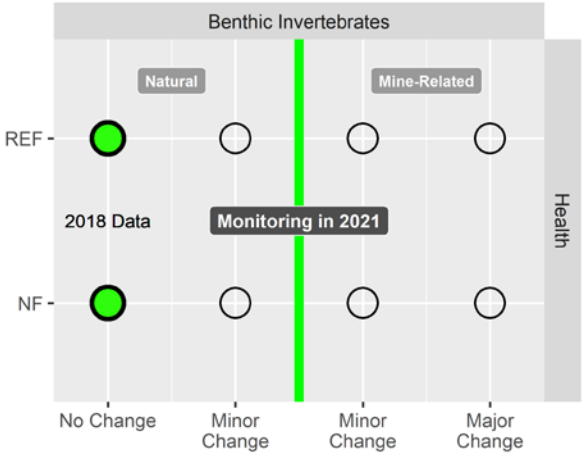
MELIADINE LAKE BIOLOGICAL HEALTH

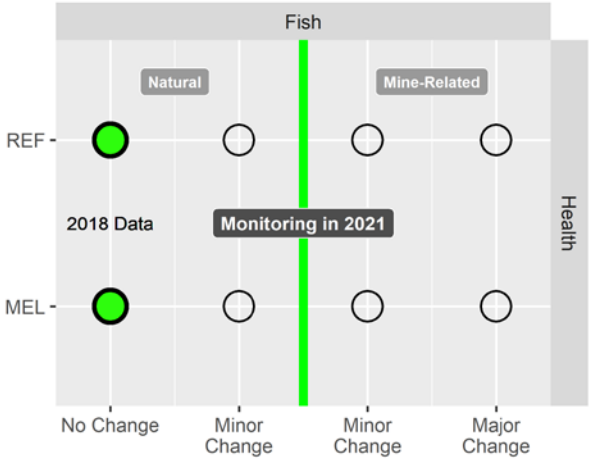
ᑕᓯᕐᔪᐊᕐᒥ ᖃᓄᐃᓪᓚᑦᑖᕐᓂᖓ

There is no indication that water released to Meliadine Lake is affecting the health of aquatic life that live in the lake. On-going monitoring is planned for 2021 to confirm the health of phytoplankton, benthic invertebrates, and fish.

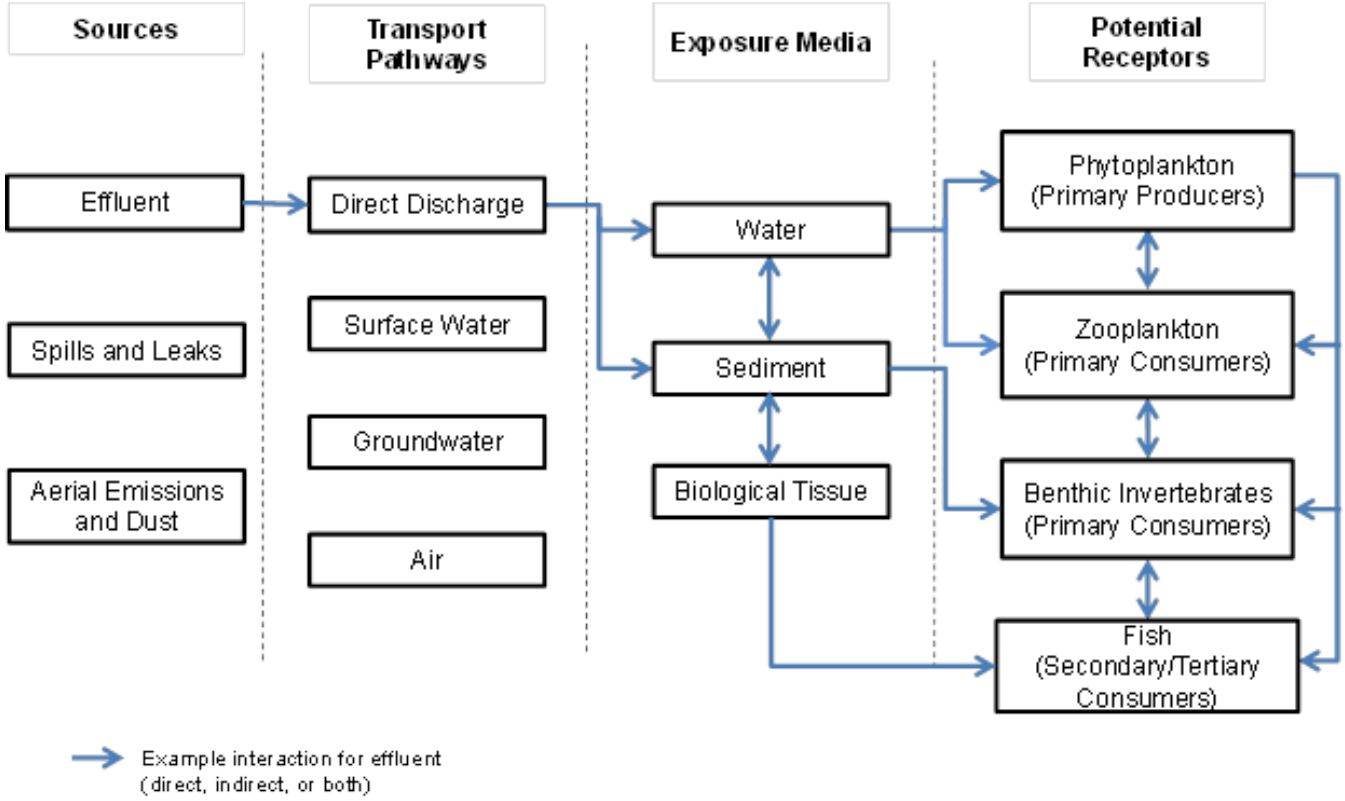
ᑕᓯᕐᔪᐊᖅ ᐅᓗᕆᐊᓇᖅᑐᖃᖕᒋᑦᑐᖅ ᐃᒪᕐᒥᐅᑕᓂᒃ ᐆᒪᔪᓂᒃ ᑕᓯᕐᒥ. ᑲᔪᓯᓂᖅ ᖃᐅᔨᓴᖅᑕᐅᖃᑦᑕᕐᓂᖕᒋᑦ ᐸᕐᓇᐅᑕᐅᓯᒪᔪᖅ 202ᒥ ᐃᒪᕐᒥᐅᑕᐅᔪᑦ ᐅᓗᕆᐊᓇᖅᑐᒦᕐᑯᓇᒋᑦ, ᐊᒻᒪᓗ ᐃᖃᓗᐃᑦ.







HEALTH OF MELIADINE LAKE ᖃᓄᐃᓐᓂᖓ ᑕᓯᕐᔪᐊᖅ



CONCLUSIONS

ᐃᓱᓕᑉᐸᓪᓕᐊᓂᖅ

- Continue to meet predictions presented in the FEIS
- Meliadine Lake is healthy
  - Developed AEMP with multiple stakeholders
  - Adaptative Management, IQ
- The proposed discharge criteria continue to be safe, conservative, and highly protective of the environment
  - 3,500 mg/L TDS maximum average
  - 4,500 mg/L TDS maximum grab

- ᑲᔪᓯᓂᐊᖅᑐᑦᓱᓕ ᑎᑭᐅᑎᓂᐊᕐᓂᕋᖅᑕᐅᔪᑦ FEISᒥ
- ᑕᓯᕐᔪᐊᑉ ᖃᓄᐃᓐᓂᖓ
  - ᐋᕿᒃᓯᓂᐊᕐᑐᑦ AEMP ᐊᒥᓱᓂᒃ ᐱᖃᖃᑕᐅᔪᓂᒃ
  - ᐊᑐᓕᖅᑎᑦᑎᓂᕐᒧᑦ ᐊᐅᓚᑦᑎᓂᖅ, IQ
- ᑕᐃᒪᓐᓇᐃᓐᓂᐊᕋᓱᒋᔭᐅᔫᑉ ᑯᕕᓂᖓ ᖃᓄᐃᖕᒋᓐᓇᖅᑐᖅ, ᓈᒻᒪᒋᔭᐅᔪᖅ, ᒥᐊᓂᖅᓯᓂᖃᖅᑐᖅ ᑯᕕᓯᕝᕕᐅᔪᒧᑦ ᐊᕙᑎᐅᑉ
  - 3,500 mg/L TDS ᖁᑦᑎᓛᖓᒍᓐᓇᖅᑐᖅ
  - 4,500 mg/L TDS ᖁᑦᑎᓛᕐᒥᒃ ᑎᒍᓯᒍᓐᓇᖅᑐᖅ

MA’TNA; THANK YOU; ᖁᔭᓐᓇᒥᒃ

Agnico Eagle | Meliadine Licence Amendment | ᑕᓯᕐᔪᐊᕐᒥᑦ ᐃᒪᕐᒥᒃ ᓚᐃᓴᓐᓯᒥᒃ ᐋᖅᑭᒋᐊᖅᓯᓂᖅ