APPENDIX 2-H

Application Forms

ATTACHMENT A:

NIRB PART 1 AND NIRB PART 2 APPLICATION FORMS

ᐃᓕᓐᓄᓕᒻᒥᐅ PART 1-Γ
ᑐᓴᖅᑐᑎᓴᒃᑯᑦ ᐱᓕᕆᔨᐅᔪᓕᐊᓂᓕᒃ ᑐᙵᓴᙵᐅᔪᓕᒪᔪᓂᑦ ᐱᓴᐅᔪᓕᒪᔪᑦ

ᑐᙵᓴᓂᕐᓂᙵᓴᙵᑐᑦ ᐱᓴᐅᔪᓂᓐᓇᖅᑐᑦ ᐱᓴᔪᓂᓕᓂᑦ ᓄᓇᕗᑦ ᐊᐳᖓᓕᕆᓂᔨᑦ ᑲᑎᒪᔨᖏᓂᓂᓄ ᑕᒪᓐᓇᑐᑦ ᐅᕐᓇᓇ ᖃᓄᐃᓕᐅᕆᓴᒃᑯᑦ http://ftp.nirb.ca/ ᐅᖃᓪᓚᑭᑦᓴ ᐊᖏᔪᑎᑐᓕᑦ ᓄᓇᕗᑦ ᐊᐳᖓᓕᕆᓂᔨᑦ ᑲᑎᒪᔨᖏᓂᑦᑕ ᐊᓂᓕᒻᒥᐅᓚᐅᔪᓕᒪᔪᑦ, ᐱᓕᕆᔨᒃᑯᒍᓱᓂᓄᓂᑦ, ᐊᖏᓚᐅᔪᓕᒻᒥᐅᓴᐅᑦ ᑐᓐᓇᖅᑐᑦ ᐃᓕᓐᓄᓕᒻᒥᐅᓴᐅᑦ ᑐᙵᓴᙵᐅᔪᓕᒪᔪᑦ ᑕᒪᓐᓇᑐᑦ ᐅᕐᓇᓇ http://ftp.nirb.ca/.

ᐅᓴᐃᑐᖅᑕᐅᓂᔪᓕᒻᒥᐅᓂᓪᓕᐊᑦ

ᖃᐅᔨᒪᓂᐊᖏᓂᑦ ᑐᓴᖅᑐᑎᑎᓂᑦ ᐱᓇᓱᓂᐊᐅᓴᖅᑎᓪᓗᒍ ᐅᓄᐃᒍᓚᓇ ᐊᑐᑎᓂᖅᑎᓇᓂᑦ ᐃᓕᓐᓄᒍᒍᓐᓇᓂᑦ sections 1 - 9 ᐱᓴᓵᖅᑕᐅᖅᑎᓇᖅᑎᓇᓂᑦ ᖃᓄᐃᓂᓚᐅᑐᑦ ᐊᒻᒪᓗ ᐃᓄᐃᑎᑐᑦ (ᐃᓄᐃᓵᓇᖅᑐᑦ ᖃᑎᖏᑐᐅᓂᐸᑕ).

ᐃᓕᓐᓄ 1: ᑐᓴᖅᑐᑦ ᑐᙵᓴᙵᖏᖅ

1. ᐱᓕᕆᔨᒃᑯᐅᑉ ᑕᐃᔪᓕᖏᓐᓄ

ᐊᐅᖅᑎᓵᓇᖅᑐᑕᒥᑦ ᐅᓴᕐᓂᓂᐊᐅᑉ - Whale Tail ᐃᓚᑦᑐᖅᓕᒃᖅ ᐊᒻᒪᓗ ᐅᓕᐳᑦᑕᓐᓂᕐᒪᑦ ᐊᐸᕐᔪᑎ (ᐱᓕᕆᔨᖅ)

ᖃᐅᔨᒪᓱᐅᓕ: ᐱᓕᕆᔨᓴᓕᒃᖅ ᐅᐃᒍᓕᐊᖅᓕᐅᔪᖅ ᐊᐅᖅᑎᓵᓇᖅᑐᑕᒥᑦ ᐅᓴᕐᓂᓂᐊᐅᖏᓐᓂᑦ ᑕᐃᒪᓐᓇᒍᓚᓇ ᑐᙵᓴᙵᐅᓕᖅᑐᑦ ᐃᓕᓴᕆᔨᒃᑯᖅᑐᐅᔪᖅᑐᑕᒥᑦ ᓇᓗᓇᐃᔪᖅ 004 ᐃᓕᓐᓄᑎᓄᓂ FEIS-ᓴᓇᖅᑲᐅᑕᐅᓚᐅᖅᑐᒍᑦ. ᐊᐳᔭᒋᓂᐅᑲ ᐱᓕᕆᔨᒪᑦ ᓇᓗᓇᐃᔪᓕᒃᑎᑦ ᑎᑎᖅᑲ 29, ᐊᐳᓂᔪᖅᑎᑦ "ᐅᓂᒃᑲᐅᔪᐅᖅᑐᑦ NIRB-ᔪᓂᓄᑦ [ᐊᐳᓂᔪᖅᑎᑦ] ᐸᖏᐅᔪᐅᖅᑐᑕ ᐊᒻᒪᓗ ᖃᐅᔨ ᐊᖏᑎᓕᖏᐊᖅᓂᒪᑦ ᐊᐅᖅᑎᓵᓇᖅᑐᑕᒥᑦ ᒍᓗᒍᑦ ᐅᓴᕐᓂᓂᐊᐅᖏᓐᓂᑦ.

2. **ᑐᙵᓴᙵᖅᑐᐃᑦ ᐊᑎᖏᓐ ᐊᒻᒪᓗ ᑕᕐᕈᑦ:**

ᒥᔅᑕ ᕿᐃᓴᓂ ᐸᓂᖏᓂ

819-651-2974

	ᐅᖅᑲᓕᐅᑎᑦ:	
ᐊᒻᒪᓂᔨ ᐅᓴᕐᓂᓂᐊᖅᑎᑲᓂᑦ	ᓯᑲᓴᓂᑦ:	819-651-2974
ᑎᑎᖅᑲᐅᓯᖏᓐᓄᑦ 549, ᖃᓚᓂᑕᐃᖅ, ᓄᓇᕗᑦ X0C 0A0	ᖃᖅᑕᐅᓴᙵᓂᑦ	ryan.vanengen@agnicoeagle.com

3. ᖃᐅᔨᓕᐊᖅᐃᐅᐊᖅᓂᓂᕐᓂᓇᖅᑐᑐᖅ ᓯᓚᖅᓯᐅᔪᓂᓄ ᐊᑎᖏᓐ ᑕᕐᕈᑎᖏᓚᓗᒃ:

145 King Street East, Suite 400

416-947-1212 (ᐊᑐᖅᑕᐅᔪᓂᓚᕐᒥᔪᖅ: 1-888-822-6714)

	ᐅᖅᑲᓕᐅᑎᑦ:	
ᑑᕐᑐ, ᑲᓚᑕ, M5C 2Y7, ᑲᓚᑕ	ᓯᑲᓴᓂᑦ:	416-367-4681
	ᖃᖅᑕᐅᓴᙵᓂᑦ	info@agnicoeagle.com

ᐃᓕᓐᓄ 2: ᑲᔪᓯᖏᐃᔨᓂᑦ ᑲᔪᓯᖏᖅᑕᐅᔨᓚᐊᖅᓂᑦ

1. ᑕᒪᕐᒥᑦ ᓇᓗᓇᐃᖅᑕᐅᓂᓇᓚᓂᑦ ᑲᔪᓯᑎᑦᓯᔨᑦ ᐊᐳᑐᐊᓂᓕᓐᓂᔪᓐᓇᖅᓂᑐᖅ ᐱᓕᕆᔨᒃᑯᒍᓱᓂᓄᓂᑦ ᑐᙵᓴᙵᑦᑐᑦ:

×	ᐊᐃᓴᑐᖅᓕᒪᔪᑦ ᐃᓄᐃᓕᓂᑦ ᑲᑐᔨᖏᑎᑎᑦ (RIA)		ᑲᓚᑕ ᖁᓕᒍᐊᖅᑎᑕᐅᓂᐊᖅᑐᑐᖅᓄᓂᑦ ᐋᓐᓂᖅᑕᑕᐃᓕᒪᔨᑦ (CLS)
×	ᓄᓇᕗᑦ ᐃᒪᓕᓚᔨᑦ ᑲᑎᒪᔨᖏᑦ (NWB)	×	ᑲᓚᑕ ᐊᐳᑎᓕᓚᔨᖅᑎᑦ (EC)
	ᓄᓇᕗᑦ ᐸᖏᓐᓇᐃᑦ ᑲᑎᒪᔨᖏᑦ (NPC)	×	ᓄᓇᕗᒥ ᓴᐳᒪᖅᑎᑦ (GN)
×	ᐃᓄᓕᓚᔨᑐᖅᑎᑦ (AANDC)		ᑲᓚᑕ ᐅᓇᑕᖅᑐᐃᔨᓕᓚᔨᖅᑎᑦ (DND)
×	ᐃᖅᓗᓕᓚᔨᖅᑎᑦ ᐊᒻᒪᓗ ᐃᓕᖏᐅᑕᓕᓚᔨᖅᑎᑦ (DFO)		ᕼᐊᒻᒪᓕᒪᖅᑎᑦ
	ᓄᓇᕗᓐᓂ ᓴᐳᒪᓕᓚᔨᖅᑎᑦ ᐱᔨᑦᓯᔪᖅᑎᖏᓐᓂᒪ (CG&S)		ᑲᓚᑕ ᒥᔅᕼᐃᓯᖅᐹᓕᓚᔨᖅᑎᑦ (PC)
	ᓄᓇᕗᒥ ᖃᐅᔨᓴᖅᑐᓕᓚᔨᖅᑎᑦ (NRI)		ᑲᓚᑕ ᓂᕐᔪᑎᓕᓚᔨᑦ(CWS)
×	ᐃᓕᖅᓯᓕᓚᔨᖅᑎᑦ ᐱᖅᓯᓕᓚᔨᖅᑎᓪᓗ ᓴᐳᒪᖅᓂᓂ (CH)		ᐊᓯᖏᑦ (ᓇᓗᓇᐃᖅᑐᑦ ᑭᖅᑎᓪᓗᒋᑦ):

2. **ᑎᑎᖅᑐᑦ ᐊᑐᐅᔪᑦ ᐱᔪᓐᓇᐅᑎᑦ, ᒪᐃᓴᑦ, ᐊᓯᖏᓕᓪᓕᓂᓂᑦ ᐊᑐᑕᐅᔪᓐᓇᖅᑐᐃᓄᖅᓯᓚᔨᑦ ᑐᙵᓴᙵᑦᑐᐅᓂᔪᑦ ᐱᓕᕆᔨᒃᑯᒍᓱᓂᓄᓂᑦ, ᐃᓄᓕᓴᐃᔨᖏᓐᓄᓕᓪᓕᓂᓗ ᐅᓪᓗᓕᒻᒪᑦ:**

ᑎᑎᕎᕐᓯᒪᔪᑦ ᐃᓕᐅᔪᑦ ᐅᖃᓕᒫᓗᒃ 1-Γᑦ, ᐃᓕᓴᐅᑎᓯᒪᔪᖅ 1-B-Γᑦ

3. ᐊᖏᒧᑦ ᑎᑎᕎᓗᓂᑦ ᐱᔪᖏᓇᐅᑎᑕᕐᑎᓴᕆᓚᐊᖃᖅᑕᑎᑦ, ᓇᐃᓴᓵᑦᑕᕐᑎᑎᓴᕆᓚᐊᖃᖅᑕᑎᓵᓗ, ᐅᕙᓪᓕᓵᓂᑦ ᐊᓯᖏᓵᓗᓂᑦ ᐊᑐᑕᐅᔪᓵᖏᓐᓄᑦᑐᖅᓯᓚᐅᖏᓐᓄᑦ ᐱᓕᕆᐊᓴᐅᔪᓚᐅᒪᔪᑦ ᐱᔪᓐᓇᖅᑐᑦ ᑐᓴᓯᖅᑐᓴᒃᓯᒪᔪᑦ ᐱᓕᕆᐊᓴᐅᔪᓚᐅᒪᔪᑦ ᐱᓕᕆᐊᓴᐅᔪᓚᐅᒪᔪᑦ:

ᐊᖅᑭᒋᐊᖅᓯᔪᖅ Type A ᐃᒪᖏᒧᑦ ᓇᐃᓴᓯᒋᑦ ᐃᓕᐅᔪᖅ ᐅᖃᓕᒫᓗᒃ 2-Γᑦ, ᐃᓕᓴᐅᑎᓯᒪᔪᖅ 2-H-Γᑦ

4. ᐅᓇ ᐱᓕᕆᐊᓕᕆᓚᒪᐃᑦ ᐅᖃᓵᓂᓕᑦ ᓇᐅᑦᓄᑕᐃᓇᓵᓇᖅᑐᑦ ᐱᓕᕆᐊᓕᕆᓚᒪᐃᑦ ᐃᓗᐊᓂᑕᑐᑦ ᖃᐅᔨᖏᑦᑐᕐᓯᓚᒪᓕᕆᓂᖅᓯᒪᔪᑦ ᐅᖃᓵᓂᓕᑦ ᖃᐅᔨᓕᐊᑕᐅᑎᐊᖃᓕᓵᓂᓕᑦ ᓄᓇᕗᒻ ᐊᓯᐅᓚᓕᓂᖏᓐᓇᒧᑦ ᑲᑎᒪᔨᓄᑦ ?

× ᐃ ☐ ☐ ᐊᓱᒐ

ᐃᓐᓇᑦᑐᑦ, ᑎᑎᕋᐅᑦ ᐱᓕᕆᐊᓕᕆᓚᒪᐃᑦ ᑕᐃᔨᓯᐃᓂᓐᒐ ᐊᓱᒪᓗ NIRB-ᓄᑦ ᑎᑎᖃᖏᑎᓂᓕᑎᒍᑦ ᓱᓴᐅᑎᓐᒐ

ᐊᐅᖅᑎᓐᓇᖅᑐᑎᑦ ᔨᓗᒍᑦ ᐅᓴᕐᓂᐊᖏᓐᓇᒍᑦ ᐱᓕᕆᐊᖅ – 03MN107; NWB 2AMEA1525
ᐊᑦᔪᐃᑎ ᐊᒪᑭᒍᒧᓐᓇᐅᔪᖅ - NIRB 11EN010; NWB 8BC-AEA1525

ᐃᓕᖅᑐᒃ 3: ᐱᓕᕆᐊᖃᐅᔨᒪᔨᑦ ᑐᖃᓂᖅᑐᑦ ᖃᓄᐃᑦᑐᓕᓂᖃᖅ ᐅᓂᖃᖅ

1. ᓇᓗᓇᐃᖅᓗᒍ ᑐᖃᓂᖅᑐᑎᓄᑦ ᐱᓕᕆᐊᖏᐅᔨᒪᔨᖅ (ᐃᒪᐃᑦᑐᒥᖅᓴ ᓴᓂᕐᔪᒍ ᑎᑎᖅᓗᓂᑦ ᐊᑐᖅᓯᖅᑐᓕᕆᓪᓕᑦ) [1,2]: (ᑕᑯᒋᐊᖅᓗᒍ ᐊᑕᔨᖅ A ᐱᓕᕆᐊᖏᐅᔨᑦ ᖃᓄᐃᑦᑐᔪᑦ ᑐᑭᓯᐅᑦᑐᖅᑕᐅᓂᖏᓪᓕᑦ)

1	ᓂᓪ ᖃᓄᐃᑦᑐᑐᐃᓇᓄᑦᑯᑦ ᐊᖅᑯᑎᓴᓕᐅᖅᓯᖅ ᐅᓴᖅᓯᐅᖅᓯᒪᓕᐅᖅᓯᖅ	✕	**9**	ᐃᓂᑐᖃᓐᓇᓂᑦ ᐊᖅᑭᑦᓂᐃᓂᖅ/ ᓄᓇᒥᑦ ᐊᔪᖅᑭᓂᐃᓂᖅ	☐
2	ᐅᑭᐅᑦᑯᑦ ᐊᑐᓕᕆᔨᖅ /ᐅᓴᖅᓵᓂᑦ ᖃᐅᔨᓴᖅᓴᓂᑦ	☐	**10**	ᐅᖅᓯᓂᐊᖅᓯᐅᖅᓯᖅ ᓄᓇᒋᑦᑐᑐᖃᓂᓪᓗ ᓴᓴᓕᖅᓯᐅᖅᓯᖅ	☐
3	ᓴᙱᕋᖅᓴᖅᓯᐅᖅᓯᖅ (ᓄᓇᐅᐸ ᖃᖅᓴᓂᑦ ᑎᓪᒥᐊᑦᑯᑦ)	☐	**11**	ᑕᑎᐅᑐᐃᓵᓇᖏᑦ ᐱᓕᕆᐊᓕᕆᐅᔨᑦ	☐
4	ᓯᐅᒪᒍᑎᐊᖃᓵᓂᖅᓯᒪᔨᑦ ᓴᙱᕋᖅᓴᖅᓯᐅᖅᓯᓂᒧᑦ ᓄᓇᐅᐸ ᐃᑭᐊᓴᓵᓂᑕᑐᓂᑦ ᖃᐅᔨᓴᖅᓯᖅ	☐	**12**	ᖃᐅᔨᓴᖅᓯᖅ/ᐅᑭᐅᖅᑕᖅᑐᑉᐸ ᖃᐅᔨᓴᖅᓯᐅᔨᐸ ᐊᖅᑭᒐᓴᓚ ᖃᐅᔨᓴᕐᑕᐅᓯᓴᓚ*	☐
5	ᐅᓴᖅᓯᐅᖅᓯᙱᓕᐅᖅᓯᖅᓯ/ᐅᓴᖅᑕᒪᑐᐅᔨᓯᓂᑦ ᐊᑎᓯᓂᑦ ᖃᐅᔨᓴᖅᓯᖅ	✕	**13**	ᐊᖓᔪᓕᓯᐊᖅᓯᓂᒧᑦ ᐱᓕᕆᐊᓕᕆᓴᖅᓴᖅᑕ *	☐
6	ᐃᑎᖅᓴᐃᑦ/ᑐᐊᐸᖅᑕᕐᓕᓵᓗ	✕	**14**	ᐳᓪᓕᖅᑐᑕᓕᓂᖅᓯᒧᒧᐊᓕᓴᖏᑦᑕ *	☐
7	ᑕᑎᐅᒥ ᓴᓇᓴᐅᓯᒪᔨᑦ (ᐅᒥᐊᖅᑯᐃᓴ, ᒪᓪᓕᓗᐊᖅᑕᐃᓕᓵᔨᑦ, ᐃᓴᓴᖅᙱᓴ)	☐	**15**	ᐊᓯᓴᒐ [(2)]:	☐
8	ᖃᓄᑎᒥ ᐃᑎᓂᖃᖅᑎᑎᕐᓴᖅᓴᖅᓯᖅᑎᓂᓴᖅᓯᖅ ᐃᓗᓕᓕᓴᓂᓴᖅ ᖃᐅᔨᓴᖅᓯᖅ ᐅᓴᖅᑕᒥᓕᓂᑦ ᖃᐅᔨᓴᖅᑐᑎᓴᑯᑦ ᐅᓴᑐᑐᐅᑎᓴᑯᑦ	☐			☐

ᖃᐅᔨᒪᔨᐅᓴᕆᐊᖃᖅᑐᑦ:

1. ᖃᓄᐃᑦᑐᑐᐃᓇᐃᑦ ᐱᓕᕆᐊᓕᕆᔨᖅᑎᓪᓗᓂᓂ ᑎᑎᑐᖅᓯᒪᔨᐃᓴᓇᐃᑦ, ᑭᓯᐊᓂ (*)-ᒥᓴ ᓴᓂᑐᒍᑦ ᑎᑎᖅᓯᒪᔨᑦ, ᐱᓕᕆᐊᖃᖅᑕᒪᔨᖅ ᖃᐃᑦᓯᓴᕆᐊᖃᖅᓯᐊᕐᕕᖅᑐᐅᖅ **ᐃᓕᓴᒃ 2-ᒥᑦᑐᒥᓴᑕᐅᖅ ᐱᓕᕆᐊᓕᕆᔨᒪᓪᓚᓴᑕᖅᓴᓂᓴᓄᑦ ᑐᑦᓴᓴᕐᔪᐅᑎᓴᖃᓂᓴᓴᓂᓴᒃ Project Specific Information Requirement (PSIR) ᑕᑕᑎᖅᓯᒪᔨᖅᓴᓂᓴᒃ**. ᑕᓴᓇ NIRB-ᓂᓴᓄᑦ ᑐᓴᓯᖅᑐᑐᕐᓂᓴᒃ ᐱᓴᓰᖅᓯᒪᔨᖅᑎᑐᑦ ᐃᓯᒪᖅᓯᐅᔨᐅᔨᓴᓇᓴᓴᖅᑎᑦᑐᑦ ᑕᓴᓇ ᐃᓕᖅᓴᒃ 2 PSIR ᑕᑕᑎᖅᑕᐅᓯᒪᔨᓰᖅᑎᑐᑦᑐᐊᖅᐸᑦ.
2. ᖃᐅᔨᒪᔨᐅᑦᓯᐊᕆᐊᖃᖅᑐᖅ ᐱᔨᓰᖅᑕᐅᔨᓴᓇᔪᑦᓗᒍ NIRB-ᓂᓴᓄᑦ ᐱᓕᕆᐊᕆᔨᐅᓭᓕᐊᓂᕆᔨᕆᐊᖃᖅᑕᖅᓴᓚ,tᑕᓴᑦᓂᐊ NIRB-ᓂᑦ ᖃᖅᓚᑐᐃᓴᓇᑦᓯᐊᖅ ᑐᓴᓯᖅᓯᐅᑎᖅᓴᔨᖅᓴᓂᓴᑦ ᑐᓴᓯᑐᑎᖅᑭᓴᓇᓕᖅᓚᒋᐊᖅᑎᓴᓂᓴᑦ ᐱᓕᕆᐊᕆᔨᐅᓭᓕᐊᓂᕐᐊᓂᓚᓂᓴᒃ.
3. **“ᐊᓯᖅᑎᑦ” ᓂᑭᐊᖅᑕᐅᔪᓂ, ᖃᐅᔨᓯᒋᐊᖅᓚᔨᖅᑕᖅᑕᑎᑦ NIRB-ᓂᑦ ᖃᓄᖅ ᐱᓕᕆᐊᕆᔨᕆᐊᖃᖅᖃᓚᓯᑦ ᐃᓕᖅᓴᒃ 2 PSIR ᑕᑕᑎᖅᑕᐅᔨᕆᐊᖃᖅᓯᐊᕐᓚᓴᖅ.**

2. ᐱᓕᓇᐊᑲᓴᓕᒃ 3, 4 ᐅᖃᓂᔨᓕᓂᒃ 5 ᖁᔪᓚᑦᑐᑦᑐᒃᑐᑦ ᓂᕈᐊᖅᑕᐅᓕᓂᕈᑎᑦ, ᖃᓄᐃᒃᑐᑦᓴᓚᖅᑎᑦ ᐅᓴᖁᑕᕈᒪᔭᕆᓇᐊᕐᓇᑦ ᑎᑎᖁᑦᓴᐃᔪ. ᑎᑎᖁᐅᔪᓚᐊᕐᔪᑦᓴᐃᔪ.

×	ᓴᓇᖁᔭᓴᐃᒃᑯ (ᔪᐣᓗ zinc, ᑲᐳᖁ copper, ᔪᓕ gold, ᓱᐅᓵᓂᖁ silver,ᐊᓱᓐᓕᓵᓗ)_____ ᔪᓗ_____
	ᑕᐃᒪᓐ
	ᔨᖁᐃᓂᐊᓕ
	ᐊᓱᓐᓕᑦ: _____

3a. ᐱᓕᓇᐊᑲᓴᕆᐅᔪᓂ 12, 13 ᐅᖃᓂᔨᓵᓂᑦ 14 ᖁᔪᓚᓂ ᓂᕈᐊᖅᑕᐅᓕᓂᕈᑎᑦ, ᐊᑎᑦᓱᐊᓐᓴᓵᓂᑦᑐᖅ ᐱᔨᓴᖁᓗᓐᔪ ᐊᐱᖁᔪᑕᐅᓱᒪᔨᓗ ᑭᐅᓗᑎᑦᑐᓗ ᐊᑕᓵᓂᑦᑐᑦ.

ᐊᑐᐢᓕᑦᑐᖅ

ᐃᓐᓕᖁᔨᑕᐅᓂᐊᖅᑐᖅ (ᑦ)	ᖃᑦᓱᑦ	ᖃᓄᖅ ᐊᑐᖅᑕᐅᓂᐊᖁᒪᓐᓇᖅ	ᖃᓄᑎᑎ
ᐅᓴᑐᑎᑎᓗᔪ: ᖁᔪᓚᔪᓕᓴᓵ	*1*	*ᐱᓕᓇᐊᓇ ᖁᓘᐅᔨᓄᑦ (ᔨᓂᓵ) ᐊᓱᔨᖅᑐᑐᕈᐅᖃᑦᑕᖁᓗᓂ*	*6 -ᓂᓵ ᐅᓪᓗᓂᓵ*

3b. ᐅᖃᐅᓱᓚᓗᒋᑦ ᑐᓚᓵᑕᖁᖃᖅᐸᑦ, ᐅᓱᐊᓵᑯᑯᑕᖃᖅᐸᑦ, ᒥᑦᑕᖁᖃᖅᐸᑦ, ᐅᖁᔪᓵᓂᓂ ᑐᓵᓱᖅᑐᑎᑎᔪᑦ ᐱᓕᓇᐊᓚᐊᓱᒪᔨᓄᑦ. ᐱᔨᔨᐊᑎᖃᖅᑐᓂᓵ. **ᖃᐅᔨᒪᔨᐅᐅᓚᐊᖃᖅᑐᑦ**: ᓄᑦᑦ ᐊᖅᑭᓵᓱᖅᑕᐅᔨᓚᐊᓪᓕᑦ ᐃᓕᓴᒃ 2-ᑯᖅᑐᑦ ᑕᑕᑎᕋᖅᓴᑐᓚᓚᐊᖃᖅᓄᖅᑎᓵᓂᓵ.

ᐊᑐᐢᓕᑦᑐᖅ

3c. ᑐᐱᔨᖃᓴᓕᓚᓚᐊᖃᖅᓄᑐᓂᓵ, ᖃᓄᐃᑦᑐᓂᐊᑦᓂᓴᓵᓂᓵ ᐅᖃᐅᓱᐅᑦᓱᐊᓚᐊᓪᓕᑦ ᖃᓄᐃᑦᑐᓂᓵᓄᓪᓗ ᐊᐅᓪᓕᐅᑎᓂᓵ ᐊᑐᔨᓂᐊᓚᐊᖃᑦ ᑐᖃᐱᔨᓂᐊᖁᔨᑎᓗᑕᐅᖃᖅ ᑕᐃᒪᐃᓵᓂᐊᔨᓄᑦᓴᓵᓂ.

ᐊᑐᐢᓕᑦᑐᖅ

4. ᓴᓇᔪᑦ

ᖃᑦᓱᐅᓵᖅᑦ ᖃᓄᖃᑕᐅᔪᑦ = (A) 475

ᖃᓄᓂᒪᓕᓚᓵᒃ ᓴᓇᓂᐊᖃᖅᐸᑦ = (B) 7

ᖃᓄᖅᑎᑎᐅᓂᐊᔨᓂᖁᑦ ᖃᑎᒌᓗᑎᑦ (A) × (B) = 3325 _____

5. ᖃᖅᑲᐅᑎᒋᓗᔪ

ᖃᖅᓱᓕᓚᓚᓵᒃ ᓴᓇᓂᐊᖃᖅᐸᑦ ᖃᓄᐃᒃᑐᑦ **ᔦᓂᐊᓚ 1, 2018** ᒥᑦ **ᑎᓯᐱᓚ 31, 2029** ᒧᑦ

ᖃᓄᑎᑎ ᑲᔪᓯᖅᑕᐅᓂᐊᕐᓂᐊᕐᓂᖅᐅᓂᖅᓱᖅᑐᓂᖅᑐᑦ: **ᔨᓚᐃ 1, 2017** ᒥᑦ **ᔨᓚᐃ 22, 2025** ᒧᑦ

6a. ᐊᕙᒃᑐᖅᓯᒪᐅᕐᓂᕐᒥ (ᑎᑎᕐᓗᒋᑦ ᑕᒪᐃᑕ ᐊᑐᕐᓂᖃᕐᓂᐊᖅᑐᑦ):

☐ ᕿᑭᖅᑖᓘᑉ ᐅᐊᙵᙳᓂ
☒ ᑭᕙᓪᓕᖅᒥ
☐ ᕿᑎᕐᒥᐅᓂ
☐ ᓄᓇᑖᕐᕙᐅᔩᑉ ᑮᓪᓕᖅᑐᖅᑕᐅᓯᒪᓂᐊᓂ: ____________
☐ ᕿᑭᖅᑖᓘᑉ ᓂᒋᐊᓂ
☐ ᒥᙳᐃᖅᓯᕐᕙᖕᒥ

6b. ᐅᖃᐅᓯᕆᕐᓯᐊᕐᓗᒍ ᓄᓇᔫᑦ ᓇᓕᐊᓐᓂ ᐊᕙᒃᑐᖅᓯᒪᐅᕐᓂᙵᓃᓐᓂᐊᕆᐊᙵᓐᓂᒃ ᑐᒃᓯᖅᑑᑎᑎᒧᑦ ᐱᓕᕆᐊᕆᔪᒪᔭᐃᑦ, ᓇᓕᐊᓐᓂᓪᓗ ᓄᓇᒋᔭᐅᔪᒥᑦ ᖃᓂᓐᓂᖅᐸᓐᒍᕙ ᓄᓇᒥ ᓴᐳᒻᒥᒃᔫᐊᕙᐅᔫᒥᑦᓴᕆᐊᙵᓂᓪᓗ.

ᐊᒪᕈᖅ ᐱᒋᔭᐅᔪᖅ 408 ᑭᐹᓇᒃᑐᓂᒃ ᑭᓵᒥᑕᐅᔪᖅ (km²) ᐃᓄᐃᑦ ᓇᒥᓂᕆᔭᙵᓂᑦ ᓄᓇᒥᑦ 150 ᑭᓵᒥᑕᓪᓗᐊᑦ (km) ᐅᐊᙵᙳᓂᑦ ᖃᒪᓂᑦᑐᐊᑉ ᐊᒻᒪᓗ 50 ᑭᓵᒥᑕᓪᓗᐊᑦ ᐅᐊᖕᓇᖅᐸᓯᙵᓂᑦ ᐱᙳᖕᓇᖅᐸᓯᙵᓂᑦ ᐊᐳᖅᑎᓈᖅᑐᒥᑦ ᐅᔭᕋᓐᓂᐊᕐᕙᖕᒥᑦ ᑭᕙᓪᓕᕐᒥᑦ ᓄᓇᕗᑦ ᐃᓗᐊᓂᑦ.

6c. ᑎᑎᕋᐅᓯᕆᓗᒍ ᐱᓕᕆᐊᕆᕝᕙᒋᔪᒪᔭᕙᑦ ᐃᓂᖓ ᐱᓕᕆᐊᕆᕝᕙᐅᓚᐅᖅᓯᒪᔭᕆᐊᙵᓐᓂᒃ.

---

408 ᑭᐹᓇᒃᑐᓂᒃ ᑭᓵᒥᑕᐅᔪᖅ (km²) ᐊᒪᕈᖅ ᕿᓂᖅᓴᐃᓂᕐᒧᑦ ᐱᒋᔭᐅᔪᖅ ᐃᓄᐃᑦ ᓇᒥᓂᕆᔭᙵᓂᑦ ᓄᓇᒦᑦᑐᖅ (IOL), ᐊᒻᒪᓗ ᐱᔭᐅᓚᐅᖅᑐᖅ ᐊᒡᓂᑯᒃᑯᑦ ᐅᔭᕋᓐᓂᐊᖅᑐᓕᕆᔨᒃᑯᓐᓄᑦ (ᐊᒡᓂᑯᒃᑯᑦ) ᐋᐳᕆ 2013-ᒥᑦ ᒪᓕᓐᓂᐊᕐᓗᒍ ᐅᔭᖅᑲᓂᒃ ᕿᓂᖅᓴᐃᓂᕐᒧᑦ ᐊᖏᖃᑎᒌᒍᑎ ᓄᓇᕗᒻᒥ ᑐᙵᕝᕙᒃᑯᓐᓄᑦ. ᐊᒡᓂᑯᒃᑯᑦ ᕿᓂᖅᓴᐱᒋᐊᓚᐅᖅᑐᑦ 2014-ᒥᑦ ᑖᒃᓇ ᐊᖏᓪᓕᒋᐊᓚᐅᖅᑐᖅ ᐅᖓᑖᓄᑦ "I", "V" ᐊᒻᒪᓗ "R"-ᖑᖅᑲᐅᑕᐅᓚᐅᖅᑐᓂᒃ ᔫᓗᓕᓐᓂᑦ ᐅᔭᖅᑲᓄᑦ ᐃᓂᐅᔪᓄᑦ ᖃᐅᔮᔭᐅᓚᐅᖅᑐᓂᒃ 2013-ᒥᑦ. ᐊᒡᓂᑯᒃᑯᑦ ᒪᓕᒃᓱᒋᑦ ᖃᒪᓂᑦᑐᐊᕐᒥᐅᓂᒃ ᐅᖃᖃᑎᖃᖃᑦᑕᕐᓂᕐᓂᑦ, ᐊᒡᓂᑯᒃᑯᑦ ᐊᓯᐊᓂᒃ ᐊᑎᓚᐅᖅᑕᖓᑦ ᐊᒪᕈᖅ ᐱᓕᕆᐊᕐᒥᑦ "ᐊᒪᕈᖅ, ᐃᓄᒃᑎᑐᑦ ᐅᖃᐅᓯᖅ ᑐᑭᖃᖅᑐᖅ "ᐊᒪᕈᖅ ᐊᖏᔪᖅ", ᐊᑐᖅᓱᒍ ᐅᓂᒃᑳᖅ ᖃᓄᖅ ᐊᒪᖅᑯᑕᖃᓕᓚᐅᖅᓯᒪᓂᖓ ᑐᒃᑐᐃᑦ ᐊᒥᕋᐃᑦ ᖃᓄᐃᖏᑦᑎᐊᖅᑎᓐᓂᕐᒧᑦ. ᐊᒻᒪᕈᖅ ᕿᓂᖅᓴᐃᓂᖅ ᐱᒋᔭᐅᔪᒥᑦ ᐃᓚᐅᔪᑦ ᖃᑉᓯᐊᕐᔪᐃᑦ "I", "V", "R" ᐊᒻᒪᓗ "Whale Tail" ᐊᒻᒪᓗ ᖃᑉᓯᐊᕐᔪᐃᑦ ᑕᐃᒪᐅᔪᑦ ᐱᒋᔭᐅᔪᑦ ᓄᓇᒥᑦ ᐊᖏᓂᖃᖅᑐᓂ 40,000 hectares-ᓂᑦ.

6d. ᓇᖕᒥᓂᖅ ᖃᐅᔨᒪᔭᖃᕆᐊᕙᑦ ᐃᑦᓴᕐᓂᑕᖃᕐᕕᕕᓂᖅᑕᖃᐅᕆᐊᙵᓐᓂᒃ /ᑐᐱᕐᕕᕕᓂᖅᑕᖃᐅᕆᐊᙵᓂᓪᓗ ᐅᖃᐅᓯᕆᒍᒃ.

ᐱᖁᓯᑐᖃᓂᒃ ᐱᔭᐅᔪᑦ ᖃᐅᔾᓴᖅᑕᐅᓂᖃᖅᑐᑦ ᐅᖃᓕᒫᒐᖅ 7, ᐃᓚᒋᔭᐅᔪᖅ 7.2-ᒥᑦ. ᖃᓄᐃᙵᓂᐅᔪᓂᒃ ᐱᔪᒪᒍᕙᑦ ᖃᐅᔾᒋᐊᕐᓗᒍ ᐃᓚᒋᔭᐅᔪᖅ 7.2.2.2. ᓇᐃᓈᖅᓱᒍ, ᖃᓄᐃᙵᓂᐅᔪᑦ ᑭᒡᓕᖕᒋᓐᓄᑦ ᖃᐅᔾᓴᐃᓂᖅᑕᖃᓚᐅᖅᑐᖅ ᐱᔾᔪᑎᖃᖅᑐᒥᒃ ᐱᓕᕆᐊᕐᒥᑦ (Tischer 2013, 2015, 2016), ᐃᓕᑕᕆᔭᐅᔪᑦ ᑲᑎᓗᒃᑖᖅᓱᒋᑦ 19 ᐃᑦᑕᕐᓂᑕᖃᕐᕖᑦ ᑕᐃᑲᓂ ᐅᕝᕙᓘᓐᓃᑦ ᐊᑭᐊᓂᑦ LSA (ᑎᑎᖅᑲᖅ 7.2-1).

---

7. ᓄᓇᐅᒧᑦ ᐱᔾᔪᑎᖃᖅᑐᖅ (ᑕᒪᐃᑕ ᐊᑐᕐᓂᖃᕐᓂᐊᖅᑐᑦ ᑎᑎᕐᓗᒋᑦ):

☒ ᑲᓇᑕᐅᑉ ᒐᕙᒪᖓᑦᑕ ᓄᓇᕐᑯᑎᖓ
☒ ᐃᓄᐃᑦ ᓇᖕᒥᓂᕆᔭᖓᓐᓂ ᓄᓇᐅᑉ ᖄᖓᓃᑦᑐᑦ
☐ ᑲᒥᓯᓇᐅᑉ ᓄᓇᕐᑯᑎᖓ
☒ ᐃᓄᐃᑦ ᓇᖕᒥᓂᕆᔭᖓᓐᓂ ᓄᓇᐅᑉ ᐃᑭᐊᖓᓃᑦᑐᑦ
☐ Hᐊᒪᓚᐅᑉ ᓄᓇᕐᑯᑎᖓ

8a. ᓄᓇᖑᐊᖅᑎᒍᑦ ᓱᒃᑯᑦᓯᓪᓚᕆᐊᖓᓂᒪᖓ:

ᐱᓕᕆᐊᐸ ᓇᒧᑦ ᑎᑭᐅᑎᓂᖓ	**ᓴᓂᒧᑦ ᐅᖓᓯᒃᑎᒋᓂᖓ**	**ᖁᒻᒧᑦ ᐅᖓᓯᒃᑎᒋᓂᖓ**
ᐊᐳᖅᑎᓈᖅᑐᒥᑦ ᐅᔭᕋᓐᓂᐊᕐᕕᒃ (ᓈᒻᒪᒋᔭᐅᔪᖅ Type A 2AM-MEA1525)	65° 01' 33" N	96° 04' 01" W
ᐊᐳᖅᑎᓈᖅᑐᒥᑦ ᕿᓂᖅᓴᐃᓂᖅ (ᓈᒻᒪᒋᔭᐅᔪᖅ Type B 2BE-MEA1318)-ᒥᑦ ᐃᓚᐅᔪᑦ IVR/ᐊᒪᕈᖅ ᕿᓂᖅᓴᐃᓂᕐᒥᑦ ᐅᓯᑲᑦᑕᓐᓂᕐᒧᑦ ᐊᑉᖁᑎ (ᓈᒻᒪᒋᔭᐅᔪᖅ ᕿᓂᖅᓴᐃᓂᕐᒧᑦ ᐊᑉᖁᑎ Type B 8BC-AEA1525)	65° 30' 03" N	97° 13' 13" W
	65° 30' 07" N	95° 39' 00" W
	64° 47' 44" N	95° 36' 43" W
	64° 46' 22" N	97° 16' 36 W
ᐅᓯᑲᑦᑕᓐᓂᕐᒧᑦ ᐊᑉᖁᑎ (ᓈᒻᒪᒋᔭᐅᔪᖅ ᕿᓂᖅᓴᐃᓂᕐᒧᑦ ᐊᑉᖁᑎ Type A 8BC-AEA1525)	65° 04' 53.3" N	96° 01' 00.8" W
	65° 23' 49.7" N	96° 40' 35.8" W
Whale Tail ᐃᓗᑦᑐᖅᓯᒪᔪᖅ ᐱᓕᕆᐊᐸ ᐃᓂᖓ	65° 25' 22.241" N	96° 46' 6.042" W
	65° 25' 12.707" N	96° 35' 44.100" W
	65° 21' 35.740" N	96° 36' 3.944" W
	65° 21' 45.248" N	96° 46' 24.463" W

ᐊᐳᖅᑎᓈᖅᑐᒥᑦ ᐅᔭᕋᓐᓂᐊᕐᕕᒃ – ᐱᓕᕆᐊᖅ straddles ᓯᑕᒪᓂᒃ NTS sheets-ᓂᒃ 66A/16, 66H/1, 56 E/4, ᐊᒻᒪᓗ 56 D/13 (ᑐᖅᑯᖅᑕᐅᓯᒫᓂᒃᑐᑦ ᐱᒋᔭᐅᖅᑲᐅᑕᐅᓚᐅᖅᑐᒥᑦ ᐊᒻᒪᓗ ᓄᑖᖑᖅᑎᓐᓂᕐᒧᑦ ᑐᒃᓯᕋᐅᑏᑦ)

ᐊᑉᖁᑎ - NTS sheet 066H/Amer ᑕᓯᖅ/Scale 1:250,000 (NAD 83) UTM Zoe 14 W

(ᑐᖅᑯᖅᑕᐅᓯᒫᓂᒃᑐᑦ ᐱᒋᔭᐅᖅᑲᐅᑕᐅᓚᐅᖅᑐᒥᑦ ᑐᒃᓯᕋᐅᑎ)

Whale Tail ᐃᓗᑦᑐᖅᓯᒪᔪᖅ - NTS sheet 66H/7/Scale 1:50,000

ᓄᓇ ᖕᒋᐊᒥ ᐆᒥᖕᒐ
ᓈᓴᐅᑎᖃᖅᑐᒦᑦᑐᖅ: ______________________________
(ᐱᓕᕆᐊᕆᓂᐊᖅᑕᕕᑦ ᓄᓇᖑᐊᑦ ᐃᓚᖃᓯᐅᑎᓂᐊᖅᐸᑎᑦ (1:50,000 **ᐊᑐᐃᓐᓇᐅᔪᖅᑕᖃᕐᓂᕈᓂ**, 1:250, 000 **ᐃᓚᖃᓯᐅᑎᓪᓚᕆᐊᓖᑦ**) ᑲᓇᑕᐅᑉ ᓄᓇᒥᐅᑕᓕᕆᔩᑯᖏᓐᓂ ᐊᑐᐃᓐᓇᐅᔪᖅᑕᖃᖅᑐᖅ)

8b. ᑐᓯᖅᑑᑎᑎᒍᑦ ᐱᓕᕆᐊᕆᕙᒃᑕᐃᑦ **ᐃᒡᓗᑐᖃᕐᓂᐊᕈᓂᓘᓐᓃᑦ ᑐᐱᖅᑕᖃᐅᕐᓂᐊᕈᓂᓘᓐᓃᑦ**, ᓱᑯᑦᓯᐊᓃᓪᓚᕆᓐᓂᐊᕆᐊᖏᓐᓂᒃ ᓄᓇᖑᐊᖅᑎᒍᑦ ᐊᑐᐃᓐᓇᐅᑎᑦᓯᓂᐊᖅᐸᑎᑦ

ᓄᓇᓕᐊᓛᑦ ᐃᓂᖏᑦ	**ᓴᓂᒧᑦ ᐅᖓᓯᒃᑎᒋᓂᖓ**	**ᖁᒻᒧᑦ ᐅᖓᓯᒃᑎᒋᓂᖓ**
ᐊᐳᖅᑎᓈᖅᑐᒥᑦ ᐅᔭᕋᓐᓂᐊᕐᕕᒃ (ᓈᒻᒪᒋᔭᐅᔪᖅ Type A 2AM-MEA1525)	65° 01' 33" N	96° 04' 01" W
Whale Tail ᐃᓗᑦᑐᖅᓯᒪᔪᕐᒥᑦ ᓄᓇᓕᐊᓛᐸ ᐃᓂᐊ	95° 24' 36" N	96° 41' 41" W

ᖁᓛᓂᑦᑑᐸ ᐊᔾᔨᖖᒋᐸᐅᒃ :
ᓄᓇ ᖕᒋᐊᒥ ᐆᒥᖕᒐ
ᓈᓴᐅᑎᖃᖅᑐᒦᑦᑐᖅ: ______________________________
(ᐱᓕᕆᐊᕆᓂᐊᖅᑕᕕᑦ ᓄᓇᖑᐊᑦ ᐃᓚᖃᓯᐅᑎᓂᐊᖅᐸᑎᑦ (1:50,000 **ᐊᑐᐃᓐᓇᐅᔪᖅᑕᖃᕐᓂᕈᓂ**, 1:250, 000 **ᐃᓚᖃᓯᐅᑎᓪᓚᕆᐊᓖᑦ**) ᑲᓇᑕᐅᑉ ᓄᓇᒥᐅᑕᓕᕆᔩᑯᖏᓐᓂ ᐊᑐᐃᓐᓇᐅᔪᖅᑕᖃᖅᑐᖅ)

ᖃᐅᔨᒪᔭᐅᓂᐊᖅᑯᓄᖅ ᓯᓄᑦᓯᓪᓚᓇᔅᓴᒥᐅᓪᓂᓄᖅ ᐱᓕᕆᐊᕆᔨᐅᔪᒪᓕᕐᓂ ᑐᓴᖏᓴᐅᑎᐅᖏᓴᖅᓂᓂᖅ ᑐᓄᓯᖓᑐᓂᐊᐅᖅᑯᓂᖅᓂᓂᖅ ᐱᓕᕆᐊᕆᔨᒪᓕᕆᓂᖅᑕᖏᓪᓗᓂ ᑐᓴᖏᓴᐅᑎᐅᖏᓴᖅᓂᖅᓄᓂᖅ ᑐᓄᓯᖓᑐᓂᑕᐅᔪᓚᐅᓂᓗᓂ (PSIR). ᖃᓇᑕᐅᔨᖅᑎᒍᑦ ᓄᓇᖕᖏᐊᓕᓚᐅᓂᓯᓂᖅᓴᓐᓇᑐᐃᓐᓇᐊᖅᑯᖅᑐᖅ (GIS).

ᐱᓕᕆᐊᖏᑦ ᐅᑦᖅᓱᓄᑦ ᓄᓇᒧᑦ ᓱᓴᐅᓯᓗᓂᓄᑦ ᐃᓕᓴᐅᔪᓄᑦ ᑐᓴᓯᕐᓗᑎᒧᑦ 148297 NPC ᖃᓇᑕᐅᔨᖅᑯᑦ ᑐᓴᓯᕐᓗᑎᑎ ᑕᑎᑎᐊᓕᓵᖅ. ID856

ᐃᓕᖓ 4: ᑐᓴᓯᖅᑐᑎᖅᑯᑦ ᐱᓕᕆᐊᖅᑎᐅᔪᓐᓇᒧᑦ ᖃᓄᐃᑦᑐᑐᓯᐊᖏᓪᓕᑦ ᐅᖃᐅᔨᐅᓂᖓ

ᐃᓕᖃᓴᐅᑎᓗᒍ ᑐᓴᓯᖅᑐᑎᖅᑯᑦ ᐱᓕᕆᐊᕆᔨᐅᔪᓐᓇᒧᑦ ᖃᓄᐃᑦᑐᑐᓯᐊᖏᓪᓕᑦ ᐅᖃᐅᔨᓴᕆᑎᑎᒃ, ᑕᒃᑯᐊ ᑎᑎᕋᖅᑕᑎᑦ 500-ᓂᒃ ᐅᖃᐅᔨᓴᑦ ᑎᑎᖃᖃᓕᕆᖅᑐᑦ ᖃᖏᐅᑎᑦᓴᓕᕆᐊᖃᖅᖢᓪᓕᑦ, ᖃᓄᓕᓗᓂᑐᑦᓗᓂᓕᒃᑐᓂᒃ ᐃᓄᒃᑎᑐᑦᓗᓂᓕᒃᑐᓂᒃ (+ᐃᓄᐃᓕᓐᓇᖅᑎᑐᑦᓗᓂᓕᒃᑐᓂᒃ, ᕿᑎᕋᐅᓕᒃᓂᓂᐊᕐᓂᕐᓂ). ᐱᓕᕆᐊᕆᔨᐅᔪᓐᓇᒧᑦ ᐅᖃᐅᔨᐅᓂᖓ ᐅᑯᓂᖓ ᐃᓗᓕᖃᓕᕆᐊᖃᖅᑐᑦ:

- ᐱᓕᕆᐊᒃᑲᒧᑦ ᐱᓕᕆᐊᕆᔨᐅᓂᐊᖅᑐᑦ, ᐱᑕᖃᓕᕆᐊᖃᖏᓪᓕᓗᓂᒃ ᐊᒻᒪᓗ ᖃᓄᖕᖏᑎᓗ ᐱᓕᕆᐊᕆᔨᐅᓂᐊᕆᐊᖃᖏᓐᓂᒃ;
- ᐊᐅᓚᓕᖅᑕᐅᑎᐅᓂᐊᖅᑐᑦ ᐊᐅᓰᒪᔪᑕᑕᐅᓂᐊᖅᑐᑦ;
- ᓯᓚᑐᐃᓐᓇᐃᓕᑦ ᓇᓪᓕᖅᑎᖅᑕᐅᓂᐊᖅᑐᑦ (ᓇᓪᓕᔨᓐᓂᓂᐊᖅᑐᑦ/ ᐊᑐᖅᑕᐅᖅᐃᓐᓇᓂᐊᖅᑐᑦᓚᓂᓂᓕᒃ);
- ᐊᓯᖏᓐᓂᑦ ᐊᑐᖅᑕᐅᔨᔪᓐᓇᖅᑐᑦ; ᐊᒻᒪᓗ
- ᓯᕗᓂᓴᐃᔨᒪᓕᒍ ᐱᓇᓴᐅᓰᓪᓕᐊᓂᖅᑎᓂᐊᖅᑐᑦ, ᱱᓇᓴᐅᓂᐊᕐᕆᓴᐅᔨᓐᓇᓪᓕᑦ ᓯᓚᑦ ᐊᑐᖅᑕᐅᓂᐊᕆᐊᖃᕐᓂᓐᓂᒃ ᐱᓕᕆᐊᖃᓘᐃᐅᓂᐊᖅᑐᑦᑎᑐᓗ ᐊᒻᒪᓗ ᖃᓄᖕᖏᑎᓗ ᐊᑐᖅᑕᐅᓂᐊᕆᐊᖃᕐᓂᓐᓂᑕ.

ᓇᐃᓇᖅᓯᒪᔨᑦ (ᐃᓄᒃᑎᑐᖅᑐᑦ ᐊᒻᒪᓗ ᐅᐃ-ᐅᐃᑎᑐᒋᐊᑦᑐᑦ) ᐃᓕᐅᔨᑦ ᐃᓕᓴᐅᑎᓯᒪᔨᖅ D-ᒥᑦ.

<u>ᖃᐅᔨᒪᔭᐅᓪᓚᕆᐊᖃᖅᑐᖅ:</u> ᐱᓕᕆᐊᖅᑎᐅᓂᐊᕐᓂᑦ NIRB PART 2 PSIR-ᒧᑦ ᑕᑎᑎᑭᑎᑎᖃᓇᐊᖃᖅᑐᒃ ᐃᓕᖓ 8-ᒋᑦᑐᖅ ᑭᓯᐊᓂ ᑕᑎᑎᖅᑕᐅᔨᓇᐊᖃᖅᑐᖅ ᑕᒪᓐᓇᑐᐃᐊᐊᓐᔪᓄᓂ, ᐊᓯᖏᓪᓕᓂ ᐃᓕᖓ 5-ᒥᒃ ᐱᑎᐊᖏᓪᓕᔪᓄᓂ ᑕᑎᑎᖅᑕᐅᔨᓇᐊᖃᖅᑐᖅ.

ᖃᐅᔨᑎᐊᖏᓪᓗᒍ ᑐᓂᐅᑕᐅᔨᑦ ᑎᑎᖅᑲᐃᑦ ᐊᒻᒪᓗ NIRB-ᓄᑦ ᐊᐃᓐᑐᖅᓯᒪᔨᖅ 2 PSIR ᑕᑎᑎᓇᐊᓕᒃ ᐃᓕᑎᒥᐅᔨᖅ 5-7-ᒥᑦ. ᐊᑐᖓᑦᑐᖅ

ᐃᓕᖓ 5: ᐊᑐᖅᑕᐅᔨᒃᓴᑦ ᐊᑐᖅᑕᐅᓂᐊᕆᓂᖓᑦ

ᐊᑐᖓᑦᑐᖅ

1. ᐱᕆᔨᑎᑦ ᐊᑐᖅᑕᐅᓂᐊᖅᑐᑦ ᑎᑎᕋᕆᓗᓂᑦ (ᐃᓕᖃᓯᐅᑎᓗᓂᑦ ᐃᔨᑕᓯᑎᑦ, ᐅᖅᓯᖅᑐᐃᐃᑎᑦ, ᑎᓪᓗᓯᔨᑦ, ᓄᓇᒃᔨᔨᑦ, ᐊᓯᖏᓐᓂᖅᓯᒪᓕᒃ.):

ᖃᓄᐃᑐᖅ ᐱᕆᔨᑎᑦ ᓴᓇᔨᑎᓐᓇᓗ	ᐊᖏᓂᖅᓱᓐᓇ – ᑕᑭᓂᖅᓱᓐᓇ >ᖅᑐᓂ	ᓯᖃᓗᑦ

2a. ᐅᖅᓯᒃᓴᑦ ᐊᑦᑕᓇᖅᑐᖅᑎᒃᓗ ᐊᑐᖅᑕᐅᓂᐅᒃᓴᑦ ᐅᖃᐅᔨᐅᑦᓯᐊᓇᐊᓕᒫᑦ:

ᐅᖅᓯᒃᓴᑦ	ᐅᖅᓯᖃᐅᑎᒃᑦ ᐊᑐᖅᑕᐅᓂᐊᖅᑐᑦ ᐃᒪᖃᖅᑎᑎᓂᓗ ᖃᑦᑕᐅᔨᐃᑦ	ᐅᖅᓯᒃᓴᑦ ᐊᑐᖅᑕᐅᓂᐊᖅᑐᑦ ᖃᑎᒌᓗᑦ (ᓴᑕᐃᑦ ᐊᑐᖓᑦᓗᑦ)	ᖃᓄᖅ ᑐᖅᓯᖅᑕᐅᔨᓯᒪᓂᐅᒃᓴᓕᒫᑦ
ᐅᖅᓯᓀᓐᓇᖅ			

ᑌᓴᓪᓗᒃ			
ᑎᓪᓗᒋᑦᓯᐅᑎᑦ			
ᐳᓪᓕᓪᓕᑦ			
ᐊᓯᓪᓚᑦ			
ᐊᑦᑕᓇᖅᑐᖅᑕᓪᓕᑦ ᐃᓕᐅᕗᑦᓯᒪᔪᓪᓗ		**ᑲᑎᓪᓗᒍᑦ ᐊᑦᑕᓇᖅᑐᖅᑕᓪᓕᑦ ᐃᓕᐅᕗᑦᓯᒪᔪᓪᓗ (ᓄᑕᐃᑦ ᐊᑐᔪᒍᑦ)**	

2b. ძᐃᔪᖅᑕᖃᖅᓂᐊᓴᖅᑎᓪᓗᒍ ᖃᓄᖅ ᐸᖅᓇᐅᑎᖃᖅᓂᐊᓇᐊᐃᑦ ძᐃᔪᖅᑕᖃᖅᓂᖅᐸᑦ ᐅᖃᐅᔨᓴᓇᓯᐊᕐᐳ .

_____

_____

_____

_____

3a. ᖃᓄᐅᑎᒋ ᐃᒪᖏᑦ ᐊᑐᖃᑦᑕᖏᓂᐊᕿᔨᑎᓴᒪᓕᕆᓂᖅᐱᑦ

ᐅᓪᓗ ᑕᒪᖅ ᐱᖓᔨᔪᐊᖅᑎᖏᓪᓗᒍ (m³)	**ᔨᓇᒧᑦ ᖃᓄᖏᓪᓗ ᐃᒥᖅᑕᖃᑦᑕᖏᓂᐊᓇᐊᐃᑦ**	**ᓇᑭᑦ ᐃᒥᖅᑕᖃᑦᑕᖏᓂᐊᓇᐊᐃᑦ**

3b. ᐃᒥᖅᑕᖃᑦᑕᖏᓂᐊᖏᓪᓕᒧᑦ ᓄᓇᕗᒻᒥ ᐃᒪᓕᓚᓂᖏᓪᓕᒧᑦ ᑲᑎᒪᔨᓂᖅ ᓴᐃᓴᑦᑕᕐᔨᐊᖅᐱᑦ ?

☐ ᐃᒡ ☐ ᐊᖓ

ᐃᒡ-ᖃᒧᓕᕆᓂ, ᖃᓄᐃᑦᑐᐳᓂᑦ ᓴᐃᓴᖏᔪᑎᒧᑦ ?

☐ **Class A ᐃᒥᖅᑕᖏᓂᒧᑦ ᓴᐃᓴᓵᖏ**

☐ **Class B ᐃᒥᖅᑕᖏᓂᒧᑦ ᓴᐃᓴᓵᖏ**

ᐃᓕᓐᓴ 6: ᐊᐅᑕᑯᑦ ᐃᑭᐅᖏᖅᑕᐅᓂᐊᖅᓂᕆᓚᓂ ᓴᓗᒪᓴᖏᓴᐃᓂᖅᔪᓪᓗ

ᐊᑐᖅᑭᑐᑐᖅ

1. ᑎᑎᕋᔪᓂᑦ ᐊᐅᑕᖅᑕᐅᔨᐅᓴᑦ ᑐᐅᓯᖅᑐᑎᐅᑦᑯᑦ ᐱᓕᓚᐊᓚᐅᐅᓂᐅᓴᐅᒍᑦ ᓴᖅᑭᐊᑎᑕᐅᓂᐊᕋᓯᑭᐅᐅᔨᑦ :

ᐊᐅᑕᑯᖅ	ᓴᖅᑭᐊᓂᐊᕋᓯᑭᐅᐅᔨᑦ	ᖃᓄᖅ ᐃᑭᐅᖃᖅᑕᐅᓂᐊᖅᐸᑦ	ᔪᓚᒪᖅᓴᐅᑕᐅᐅᖃᓄᓂᓂᐊᖅᑐᑦ
ᖃᑯᖅᑕᑦ (ᐃᓄᓐᓂᓵᖅᑐᑦ)			
ᐅᐊᓴᑭᑎᕕᓂᑦ			
ᐃᑯᐊᓪᑕᐅᔨᓐᓇᖅᑐᑦ			
ᐃᑯᐊᓪᑕᐅᔨᓐᓇᖏᑦᑐᑦ			
ᓄᓇᒥᑦᑐᑦ (ᓄᓇ, ᐊᑐᖅᑕᐅᔨᓐᓇᖅᓂᐊᖏᑦᑐᑦ, ᓱᖃᓪᓗᖅᑕᐅᓱᒪᓂᑯᑦ)			
ᐊᑦᑕᓇᖅᑐᖅᑕᓪᓕᑦ			
ᐊᓱᖏᑦ:			

2. ᐅᖅᐅᓱᓇᓪᓚᔪ ᖃᓄᖅ ᐊᐅᑕᑯᑦ ᐃᑭᐅᖃᖅᑕᐅᖃᖅᑦᑕᖅᓂᐊᓇᐊᖏᓐᓄᓐᓂᑦ.

ᐃᓕᓐᓴ 7: ᓄᓇᓕᖏᓴᐅᔨᑦ ᐃᓕᐅᑎᑕᐅᓂᐊᖅᓂᕆᓚᓂ & ᐊᐃᔪᐅᑐᖅᓱᒪᐅᖅᑐᒍᓪᓗ ᐃᑲᔪᑕᐅᓂᐊᖅᑐᑦ

ᐊᑐᖅᑭᑐᑐᖅ

1. ᑎᑎᕋᔪᓂᑦ ᓄᓇᓕᖏᓴᐅᔨᔪᑎ ᑭᓚᖅᑐᐃᐅᔪᑦ ᖃᐅᔨᓴᖃᖅᑎᑕᐅᔨᔪᐃᓂᑦ ᐊᓚᒪᓗ ᑲᑎᒪᔨᔪᑎᐃᓂᖅᓂᕆᖃᖅᖃᓂᒪᓗ ᐊᑐᐃᓐᓇᐅᑎᓪᓗᑎᑦ:

ᓄᓇᓕᖏᓴᖅ	ᐊᑎᓐᓚ	ᑲᑐᔨᖃᖅᑎᑎᑦ	ᐅᓪᓗᓐᓚ ᖃᐅᔨᓴᖃᖅᑕᐅᓂᐃᓂᓐᓚ

ᐃᓕᓐᓴ8: ᑭᓯᑐᐃᓐᓇᓕᒍᑦ ᐊᐱᖅᓯᑎᑦ

1. ᖃᐅᔨᒪᔭᐅᔪᓂᒃ ᐃᑦᓴᕐᓂᑕᖃᖅᑐᙱᓂᕐᓂᒃ ᐊᒃᑐᐃᓂᐊᖅᐲᑦ ?

× ᐋ
☐ ᐊᑦᓴ

ᖃᐅᔨᒋᐊᕐᓗᒍ ᐅᖃᓕᒫᒪᓴᖅ 7, ᐃᓕᒋᔭᐅᔪᖅ 7.2.3
ᐱᓕᓇᐊᕐᒧᑦᓴᓴᔪᓂᒃ ᖃᓄᐃᓴᓕᓂᖅᑎᑦᑎᓂᐅᔪᔪᓐᓇᖅᑐᓄᑦ
ᖃᐅᔨᓴᐃᓂᖅ ᐊᑦᓚᓗ ᑎᑎᖅᑲᖅ 7.2.2 ᐱᖅᓄᑐᖃᓂᒃ
ᐱᕐᙱᐅᔪᑦ ᐃᓗᐊᓂᑦ LSA-ᒥᑦ
ᐊᓐᒋᓗᐊᖏᒋᐊᖅᑎᑦᑎᓂᐅᔪᓚᔪᖅ

ᐃᓕᓐᓚ9: ᐊᑎᓕᐅᕈᓯᑦ

ᑐᑦᓯᖅᑎᑦ ᐊᑎᓕᐅᖅᓯᒍᒍ ᐅᓪᓗᓐᓚᓗ ᑎᑎᕖᖅᓯᒍᒍ :

ᕿᐃᒃᓴᓪ ᓴᓂᓐᓚᓪ

ᐊᐸᑎᓕᓵᓂᖅᓯᒪᑦ ᐊᓐᓚᔨᖅᑲᖅ
ᐱᔨᓐᓇᖅᑎᓕᑎᓂᑦ ᐊᑦᒪᓗᒍ ᒪᓕᒐᓕᓵᔪᑦᑯᑦ ᐅᓂ 30, 2016

ᐊᑎᓕᐅᕈᓯᑦ | ᑭᓯᓕᔪᐅᓂᑦ | ᐅᓪᓗᒥ

PART 1 FORM
PROJECT PROPOSAL INFORMATION REQUIREMENTS

To access NIRB documents, project screenings, and project reviews please visit the Nunavut Impact Review Board's ftp site http://ftp.nirb.ca/. The NIRB's website (www.nirb.ca) is currently under construction. Please contact info@nirb.ca should you have any questions or require further information.

IMPORTANT!
Please be advised that your application will not be processed until the Sections 1 - 9 are completed in their entirety, in both English and Inuktitut (+ Inuinnaqtun, if in the Kitikmeot).

SECTION 1: APPLICANT INFORMATION

1. Project Name Meadowbank Mine – Whale Tail Pit and Haul Road (Project)

Note: The proposed project is an extension of the Meadowbank Mine and therefore a request for reconsideration of Project Certificate No. 004 as an addendum to the original FEIS. Consistent with the Project Certificate Item 29, Agnico Eagle is herein "reporting to NIRB if and when [Agnico Eagle] develops plans for an expansion of the Meadowbank Gold Mine."

2. Applicant's full name and mailing address:

Mr. Ryan Vanengen	Phone:	819-651-2974
Agnico Eagle Mines	Fax:	819-651-2974
PO Box 549, Baker Lake, NU X0C 0A0	Email:	ryan.vanengen@agnicoeagle.com

3. Primary contact's full name and mailing address:

145 King Street East, Suite 400	Phone:	416-947-1212 (Alternate: 1-888-822-6714)
Toronto, Ontario, M5C 2Y7, Canada	Fax:	416-367-4681
	Email:	info@agnicoeagle.com

SECTION 2: AUTHORIZATION NEEDED

1. Indicate <u>all</u> authorizations associated with the project proposal:

X	Regional Inuit Association (RIA)		Canadian Launch Safety (CLS)
X	Nunavut Water Board (NWB)		Canadian Wildlife Service (CWS)
	Nunavut Planning Commission (NPC)		Department of National Defense (DND)
X	Government of Nunavut (GN)	X	Environment Canada (EC)
	Community Government & Services (CG&S)	X	Fisheries and Oceans Canada (DFO)
X	Culture and Heritage (CH)		Parks Canada (PC)
	Nunavut Research Institute (NRI)		Hamlet
X	Aboriginal Affairs and Northern Development Canada (AANDC)		Other (please specify):

2. **List the <u>active</u> permits, licenses, or other authorizations related to the project proposal, and their expiry date(s):**

A list is provided in Volume 1, Appendix 1-B

3. **List the <u>pending</u>* permits, licenses, or other authorizations related to the project proposal:**

The Amendment to the Type A Water Licence is provided in Volume 2, Appendix 2-H

*Please provide a copy of all applications to the NIRB.

4. **Has this project or <u>any components of this project</u> been previously screened or reviewed by NIRB?**

× **YES** ☐ **NO**

If YES, indicate the previous project name and NIRB File No.

<u>Meadowbank Gold Project – 03MN107; NWB 2AM MEA1525</u>
<u>Amaruq Exploration Access Road – NIRB 11EN010; NWB 8BC-AEA1525</u>

SECTION 3: PROJECT PROPOSAL DESCRIPTION

1. **Indicate the type of project proposal (check all that apply)[1,2]:**
(See Appendix A for Project Type Definitions)

1	All-Weather Road/Access Trail	×	**9**	Site Cleanup/Remediation	☐
2	Winter Road/ Winter Trail	☐	**10**	Oil and Natural Gas Exploration/Activities	☐
3	Mineral Exploration	☐	**11**	Marine Based Activities	☐
4	Advanced Mineral Exploration	☐	**12**	Scientific/International Polar Year Research*	☐
5	Mine Development /Bulk Sampling	×	**13**	Harvesting Activities*	☐
6	Pits and quarries	×	**14**	Tourism Activities*	☐
7	Offshore Infrastructure (port, break water, dock)	☐	**15**	Other[2]:	☐
8	Seismic Survey	☐			☐

<u>Please note:</u>

4. All project types listed above, except those marked with an asterisk (*), will also require the Proponent to submit a **Part 2 Project Specific Information Requirement (PSIR) Form**. The NIRB application process will not be considered complete without the Part 2 PSIR Form.
5. Please be advised that in order to complete the NIRB process, the NIRB may request additional information at any time during the process.
6. If "Other" is selected, contact NIRB for direction on whether a Part 2 PSIR Form is required.

2. If Project Type 3, 4 or 5 was selected in previous question, please indicate the mineral of interest that is being extracted. Include a brief description.

X	Base Metals (zinc, copper, gold, silver, etc) Gold
	Diamonds
	Uranium
	Other:

3a. If Project Type 12, 13 or 14 was selected above, complete the table and questions below.

Not Applicable

Transportation Type	Quantity	Proposed Use	Length of Use
E.g. Helicopter	*1*	*Site to site pick ups and drop offs*	*6 days*

3b. Describe any docks, piers, air strips or related structures that are to be used in conjunction with the proposed project activities. **Please note**: *the building of new structures may require a Part 2 Form.*

Not Applicable

3c. If a temporary camp site is to be established, describe the proposed structures in detail and indicate the type and source of power for the camp site if applicable.

Not Applicable

4. Personnel

Total No. of personnel on site = (A) **475**

Total No. of days on-site = (B) **7**

Total No. of Person days (A) × (B) = 3325

5. Timing

Period of operation: from **January 1, 2018** to **December 31, 2029**

Proposed term of authorization: from **July 1, 2017** to **July 22, 2025**

Note: Agnico Eagle is not requesting an amendment to the term of the existing Type A Water Licence. 2AM-MEA1525 that expires on July 22, 2025

6a. Region (check all that apply):

	North Baffin	X	Kivalliq		Kitikmeot		Transboundary:
	South Baffin		National Park				

6b. Describe the location of the proposed project activities in a regional context, noting the proximity to the nearest communities and any protected areas.

The Amaruq property is a 408 square kilometre (km^2) site located on Inuit Owned Land approximately 150 kilometres (km) north of the hamlet of Baker Lake and approximately 50 km northwest of Meadowbank Mine in the Kivalliq Region of Nunavut.

6c. Discuss the history of the site if it has been used for any project activities in the past.

The 408 square kilometres (km2) Amaruq Exploration Property is located on Inuit Owned Land (IOL), and was acquired by Agnico Eagle Mines (Agnico Eagle) in April 2013 subject to a mineral exploration agreement with Nunavut Tunngavik Incorporated. Agnico Eagle began exploration in 2014 the program expanded beyond the initial "I", "V" and "R" gold-bearing mineralized zones discovered in 2013. Agnico Eagle following local consultation in Baker Lake, Agnico Eagle renamed the property "Amaruq", an Inuktitut word meaning "large wolf", after the legend of how wolves were created to keep the caribou herds healthy. The Amaruq Exploration Property includes several distinct zones of mineralization identified as "I", "V", "R" and "Whale Tail" and several other targets on a property covering 40,800 hectares.

6d. Indicate if there are any known archaeological/palaeontological historical sites in the area.

Heritage resources are assessed in Volume 7, Section 7.2. For results refer to Section 7.2.2.2. In summary, result of baseline studies carried out in relation to the Project (Tischer 2013, 2015, 2016), identified a total of 19 archaeological sites within or adjacent to the LSA (Table 7.2-1).

7. Land Status (check all that applies):

☒	Crown		Commissioners'	☐	Municipal
☒	Inuit Owned Surface Lands	☒	Inuit Owned Sub-Surface Lands		

8a. Co-ordinates:

Project Extents	Latitude	Longitude
Meadowbank Mine (Approved Type A 2AM-MEA1525)	65° 01' 33" N	96° 04' 01" W
Meadowbank Exploration (Approved Type B 2BE-MEA1318) includes IVR/Amaruq Exploration	65° 30' 03" N	97° 13' 13" W
	65° 30' 07" N	95° 39' 00" W
	64° 47' 44" N	95° 36' 43" W
	64° 46' 22" N	97° 16' 36 W
Haul Road (Approved as Exploration Access Road Type B 8BC-AEA1525)	65° 04' 53.3" N	96° 01' 00.8" W
	65° 23' 49.7" N	96° 40' 35.8" W
Whale Tail Pit Project Area	65° 25' 22.241" N	96° 46' 6.042" W
	65° 25' 12.707" N	96° 35' 44.100" W
	65° 21' 35.740" N	96° 36' 3.944" W
	65° 21' 45.248" N	96° 46' 24.463" W

NTS Map Sheet No:

Meadowbank Mine - Project straddles four NTS sheets 66A/16, 66H/1, 56 E/4, and 56 D/13 (already on file from original and renewal applications)

Road – NTS sheet 066H/Amer Lake/Scale 1:250,000 (NAD 83) UTM Zoe 14 W (Already on file from original application)

Whale Tail Pit - NTS sheet 66H/7/Scale 1:50,000

(Please ensure that maps of the project are attached (1:50,000 **if available**, 1:250, 000 **Mandatory**) available from Natural Resources Canada)

8b. If the project proposal includes a **camp**, please provide the coordinates of the camp location

Camp Locations	Latitude	Longitude
Meadowbank Mine Site (Approved Type A 2AM-MEA1525)	65° 01' 33" N	96° 04' 01" W
Whale Tail Pit Camp Site	95° 24' 36" N	96° 41' 41" W

If different from above for the camp:
NTS Map Sheet No:
Please ensure that maps of the project are attached (1:50,000 **if available**, 1:250, 000 **Mandatory**) available from Natural Resources Canada

Please note that additional location information may be required in a subsequent Project Specific Information Requirement (PSIR) submission. This may take the form of a digital Geographic Information Systems (GIS) file.

Project geometries added to Application No 148297 NPC on-line application form. ID856

SECTION 4: NON-TECHNICAL PROJECT PROPOSAL DESCRIPTION

Please include a non-technical description of the project proposal, no more than 500 words, in English and Inuktitut (+Inuinnaqtun, if in the Kitikmeot). The project description should outline the following:

- The project activities, their necessity and duration;
- Method of transportation;
- Any structures that will be erected (permanent/ temporary);
- Alternatives considered; and
- Long-term developments, the projected outcome of the development for the area and its timeline.

Non-Technical summary (also provided in Inuktitut and French) provided in Attachment D.

IMPORTANT: IF THE PROPOSED ACTIVITIES REQUIRE SUBMISSION OF A NIRB PART 2 PSIR FORM, PLEASE COMPLETE SECTION 8 ONLY, OTHERWISE CONTINUE ON WITH SECTION 5.

Refer to submission documents and NIRB Part 2 PSIR Form Section 5-7- Not Applicable

SECTION 5: MATERIAL USE

NOT APPLICABLE

1. List equipment to be used (including drills, pumps, aircraft, vehicles, etc.):

Equipment type and number	Size – dimensions	Proposed use

2a. Detail fuel and hazardous material use:

Fuel	Number of Containers and Capacity of Containers	Total Amount of Fuel (in Litres)	Proposed Storage Methods
Diesel			
Gasoline			
Aviation fuel			
Propane			
Other			
Hazardous Materials and Chemicals		**Total Amount of Hazardous Materials and Chemicals (in Litres)**	

2b. Describe the proposed Spill Prevention Plan.

3a. Detail the anticipated daily water consumption rates

Daily amount (m^3)	Proposed water retrieval methods	Proposed water retrieval location

3b. Have you applied for a water License* with the Nunavut Water Board?

☐ **YES** ☐ **NO**

If yes, what class of licence?

☐ **Class A Water Licence** ☐ **Class B Water Licence**

*Please provide a copy of the application or licence to the NIRB.

SECTION 6: WASTE DISPOSAL AND TREATMENT METHODS

NOT APPLICABLE

1. List the types of waste associated with the proposed project activities:

Type of waste	Projected amount generated	Method of Disposal	Additional treatment procedures
Sewage (human waste)			
Greywater			
Combustible wastes			
Non-Combustible wastes			
Overburden (organic soil, waste material, tailings)			
Hazardous waste			
Other:			

2. Describe the proposed Waste Management Plan.

SECTION 7: COMMUNITY INVOLVEMENT & REGIONAL BENEFITS

NOT APPLICABLE

1. List the community representatives that have been contacted and provide the minutes of the meetings if available:

Community	Name	Organization	Date Contacted

SECTION 8: GENERAL QUESTIONS

1. Will you be disturbing any known archaeological sites?

☒ **YES**
☐ **NO**

Refer to Volume 7, Section 7.2.3 for Potential Project Related Effects Assessment and Table 7.2-2 Heritage Resources within the LSA proposed mitigation.

SECTION 9: APPLICANT SIGNATURE

Please sign and date your application:

Ryan Vanengen	Environment Superintendent Permitting and Regulatory Affairs	June 30, 2016
Signature	**Title**	**Date**

SCREENING PART 2 FORM
PROJECT SPECIFIC INFORMATION REQUIREMENTS (PSIR)

SUBMISSIONS

The Proponent must submit all information pertaining to the Project as a whole. The information requirements below are designed for the purpose of environmental assessment and are not limited to the scope of a single permit or license application.

IMPORTANT: Please be advised of the following:

1. NIRB does not accept references to an ftp or web sites as a submission.

2. The Proponent must provide NIRB with 1 (one) electronic copy and 1 (one) hardcopy of the required information in English.

3. All maps should be shapefiles, be legible, and should include grids, be of appropriate scale, indicate the scale, include latitude and longitude references, NTS Maps numbers, title, legend and a north arrow. To the extent possible, avoid hand-drawn demarcations and faxed maps; and,

4. Please complete all required information in each section below. If the required information is not applicable to the project proposal, please indicate this in the response with "n/a". If the request has been provided in a different section or report, please note the section or report where the response can be found.

GENERAL PROJECT INFORMATION REQUIREMENTS

Project Coordinates and Maps

1. The preferred method for submitting project coordinates information is through the use of a Geographic Information System (GIS) compatible digital file. Although an ESRI ArcView 3.x shape file (in decimal degrees) is the preferred interchange format, the NIRB has the capacity to receive over 100 GIS and CAD related formats, including MapInfo and AutoCAD, provided proper format and projection metadata is also submitted. The NIRB requires coordinates for the project proposal which reflect the entire project area as defined by:

   - Area/sites of investigation;
   - Boundaries of the foreseen land use permit/right-of-way area(s) to be applied for;
   - Location of any proposed infrastructure or activity(s); and,
   - Boundaries of the mineral claim block(s) where proposed activities will be undertaken.

   GIS compatible digital files will provided on-line.

2. Map of the project site within a regional context indicating the distance to the closest communities.
   Figure 1.1-1 Project Location and Claim Boundaries

3. Map of any camp site including locations of camp facilities.
   Figure 1.2-1 Site Layout and Infrastructure

4. Map of the project site indicating existing and/or proposed infrastructure, proximity to water bodies and proximity to wildlife and wildlife habitat.
   Existing and/or proposed infrastructure – Figure 1.2-1 Site Layout and Infrastructure.
   Proximity to waterbodies – Also shown on Figure 1.2-1 Site Layout and Infrastructure.
   Proximity to wildlife and wildlife habitat – Refer to Volume 5, Appendix 5-C Terrestrial Baseline Characterization Report for various maps.

Project General Information

5. Discuss the need and purpose of the proposed project.
   Refer to Volume 1, Section 1.2.1 Project Justification, Section 1.2.1.1 Project Purpose and Rationale, and Section 1.2.1.2 Project Need.

6. Discuss alternatives to the project and alternative methods of carrying out the project, including the no-go alternative. Provide justification for the chosen option(s).
   Refer to Volume 1, Section 1.10 Alternatives to the Project and its various subsections 1.10.1 to 1.10.6)

7. Provide a schedule for all project activities.
   Refer to Volume 1, Section 1.4 Pace, Scale and Timing of Project, Figure 1.4-1 - Key Phases of Whale Tail Pit and Meadowbank Mine, and Table 1.4-1 Mine Development Sequence and Key Activities

8. List the acts, regulations and guidelines that apply to project activities.
   Refer to Volume 2, Appendix 2-A, Table 2-A-3- List of Acts, Regulations, and Guidelines that apply to mine development.

9. List the approvals, permits and licenses required to conduct the project.
   Refer to Volume 1, Appendix 1-B List of Permits, Licenses, and Authorizations.

DFO Operational Statement (OS) Conformity

10. Indicate whether any of the following Department of Fisheries and Oceans (DFO) Operational Statement (OS) activities apply to the project proposal:
    - Bridge Maintenance
    - Clear Span Bridge
    - Culvert Maintenance
    - Ice Bridge
    - Routine Maintenance Dredging
    - Installation of Moorings

Please see DFO's OS for specific definitions of these activities available from DFO's web-site at http://www.dfo-mpo.gc.ca/regions/central/habitat/os-eo/index-eng.htm

DFO operational statements are no longer in use. However, Agnico Eagle committed to meeting and incorporating the DFO criteria for "Projects Near Water" (PNW). The criteria established by DFO for PNW for activities where a DFO review is not required still requires that project meet criteria and follow the best management practices described in *measures to avoid causing harm to fish and fish habitat.*

Criteria and best management practices have be established for:

- **Project Planning: Timing; Site Selection; Contaminant and Spill Management;**
- **Erosion and Sediment Control;**
- **Shoreline/Bank Re-vegetation and Stabilization;**
- **Fisheries Protection; and**
- **Operation of Machinery.**
- **Refer to http://www.dfo-mpo.gc.ca/pnw-ppe/measures-mesures/measures-mesures-eng.html**

Specific criteria also which may apply to the Project exists for:

- **Bridges, Causeways and Culverts;**
- **Drainage, Flooding and Erosion Control, Stormwater and Wastewater Management;**
- **Water Level and Flow Management; and**
- **Other Activities (i.e., habitat restoration, riparian vegetation removal, and water intakes).**
- **Refer to http://www.dfo-mpo.gc.ca/pnw-ppe/index-eng.html**

11. If any of the DFO's OS apply to the project proposal, does the Proponent agree to meet the conditions and incorporate the measures to protect fish and fish habitat as outlined in the applicable OS? If yes, provide a signed statement of confirmation.
Agnico Eagle agrees to the meet the conditions and incorporate the current measures to avoid causing harm to fish and fish habitat.

Transportation

12. Describe how the project site will be accessed and how supplies will be brought to site. Provide a map showing access route(s).
Refer to Volume 1, Project Description:
    - **Executive Summary page 1-I;**
    - **Meadowbank Mine – Whale Tail Pit Fact Sheet;**
    - **Table 1.1-1 Definition of Project Scope – Site Access;**
    - **Section 1.2.6 Marine Area; and**
    - **Section 1.10.2 Infrastructure, Transportation Access and Quarry (Alternatives).**

Map showing access routes refer to Figure 1.1-1 Project Location and Claim Boundaries, and Refer to Volume 8, Appendix 8-C-1 for the Whale Tail Pit Haul Road Management Plan.

13. If a previous airstrip is being used, provide a description of the type of airstrip (ice-strip/all-weather), including its location. Describe dust management procedures (if applicable) and provide a map showing location of airstrip.
    The Meadowbank airstrip is a gravel base that can accommodate a 737 combo jet that delivers freight and passengers. Refer to Volume 1, Project Description:
    - **Table 1.1-1 Definition of Project Scope – Site Access**
    - **Section 1.2.9 Airport Facilities**

    The Meadowbank existing approved/authorized Airstrip will continue to be used. Refer to Appendix 1-B List of Permits and Authorizations – Permit 2AM-MEA0815 renewed to 2AM-MEA1525. During the summer period, the airstrip is watered prior to landing and taking off.

14. If an airstrip is being constructed, provide the following information:
    a. Discuss design considerations for permafrost
    b. Discuss construction techniques
    c. Describe the construction materials, type and sources, and the acid rock drainage (ARD) and metal leaching (ML) characteristics (if rock material is required for airstrip bed).
    d. Describe dust management procedures.
    e. Provide a map showing location of proposed airstrip.

    Not Applicable – No airstrip is being constructed.

15. Describe expected flight altitudes, frequency of flights and anticipated flight routes.
    Meadowbank existing approved/authorized Airstrip to be used. Refer to Volume 8, Section 8.3.3.1 Air Traffic Management Plan.

Camp Site

16. Describe all existing and proposed camp structures and infrastructure
    Agnico Eagle will continue to use the Meadowbank Camp to house Mill, powerhouse and maintenance shop employees; furthermore Agnico Eagle is proposing another satellite camp at Whale Tail Pit for pit operations. Refer to Volume 1, Project Description:
    - **Executive Summary page 1-I;**
    - **Table 1.1-1 Definition of Project Scope; and**
    - **Section 1.2.2 Project Components and Activities.**

17. Describe the type of camp:
    a. Mobile
    b. Temporary
    c. Seasonal
    d. Permanent
    e. Other

    Permanent Camp – Life of Mine

18. Describe the maximum number of personnel expected on site, including the timing for those personnel involved with the project.
Operational employment on average up to 931 persons per year over three to four year period (rotational work basis with approximately 50% on site at any given point in time).

Refer to Volume 1, Project Description, Meadowbank Mine – Whale Tail Pit Fact Sheet; and Volume 7, Human Environment, Section 7.4, Table 7.4-4 Project Construction Employment (positions) by location, and Table 7.4-5 Project Operations Employment (positions) by location.

Equipment

19. Provide a list of equipment required for the project and discuss the uses for the equipment.
Agnico Eagle will use the same equipment already on-site that is currently in use for the Meadowbank operations, with the addition of specialized long-distance haul trucks. Project design considerations are discussed in Section 1.2.14 and detailed Volume 2.

20. If possible, provide digital photos of equipment.

Water

21. Describe the location of water source(s), the water intake methods, and all methods employed to prevent fish entrapment. Provide a map showing the water intake locations.
Refer to Volume 1, Project Description:
    - **Executive Summary, page 1-ii;**
    - **Table 1.1-1 Definition of Project Scope;**
    - **Figure 1.2-1 Site Layout;**
    - **Section 1.2.4 Freshwater Supply and its subsections; and**
    - **Section 1.2.5 Water Management and its subsections.**

For information related to Intakes refer to Volume 1, Section 1.2.4.3 Freshwater Infrastructure Intakes and Appendix 1-C Design Drawings and Conceptual Layouts.

22. Describe the estimated rate of water consumption (m^3/day).
Refer to Volume 1, Project Description, Section 1.2.4.1 Freshwater Requirements. Freshwater consumption also detailed in the Type A Water Licence Application Form Table 1, and Volume 2, Section 2.4.2.4 Type A Amendment - Freshwater Use, Table 2.4-2.

23. Describe how waste water will be managed. If relevant, provide detail regarding location of sumps, including capacity of sumps and monitoring.
Water Management is described in Volume 1, Section 1.2.5 and its subsections, Table 1.1-1 Definition of Project Scope, and in the Water Management Plan Addendum found in Volume 8, Appendix 8-B.2. For waste water specifically

associated with domestic waste refer to Table 1.1-1. Monitoring of sumps is presented in the Water Quality and Flow Monitoring Plan Addendum, Volume 8, Appendix 8-B.3.

24. If applicable, discuss how surface water and underground water will be managed and monitored.
    Water Management is described in Volume 1, Section 1.2.5 and its subsections. For detailed information on surface water and groundwater management and monitoring refer to Volume 8, Appendix 8.B-2 Water Management Plan Addendum and the Groundwater Monitoring Plan Addendum Appendix 8.E-3.

Waste Water (Grey water, Sewage, Other)

25. Describe the quantities, treatment, storage, transportation, and disposal methods for the following (where relevant):
    - Sewage
    - Camp grey water
    - Combustible solid waste
    - Non-combustible solid waste, including bulky items/scrap metal
    - Hazardous waste or oil
    - Contaminated soils/snow
    - Empty barrels/ fuel drums
    - Any other waste produced

    Waste Disposal is summarized in Table 2 attached to the Type A Water Licence Application Form.

    Refer to Volume 1, Section 1.2.12 Waste (Domestic and Hazardous) Management. For details refer to the Plan revisions/addendums outlined in Volume 8, specifically Appendix 8- B.1 Landfill Design and Management.

26. If the project proposal includes a landfill or landfarm, indicate the locations on a map, provide the conceptual design parameters, and discuss waste management and contact-water management procedures.
    No new landfarms are proposed as part of the extension of this project nor required for the extension of the Meadowbank Mine; the approved Meadowbank Landfarm will continue to be used as part of this proposal.

    Refer to Volume 8, Section 8.3.2.3 Whale Tail Pit Landfill Design and Management Plan. For Waste (Domestic and Hazardous) Management refer to Volume 1, Section 1.2.12.
    Refer to Volume 1, Figure 1.2-1 Site Layout for Landfill location.

Fuel

27. Describe the types of fuel, quantities (number of containers, type of containers and capacity of containers), method of storage and containment. Indicate the location on a map where fuel is to be stored, and method of transportation of fuel to project site.

    Refer to Volume 1, Project Description:
    - **Table 1.1-1 Definition of Project Scope – Fuel and Hazardous Wastes;**
    - **Section 1.2.6 Marine Area – Transportation to Project;**

- **Section 1.2.11 Fuel Storage Sites;**
- **Section 1.2.10 Explosives Production and Storage Sites;**
- **Figure 1.2-1 – Site Layout and Infrastructure; and**
- **Appendix 1-C – Design Drawings/Conceptual Layouts.**

Refer to Volume 8, Hazardous Material Management Plan (Appendix 8-D.4) Section 5 – Petroleum Products and Table 2 for quantity, location, type and current use.

Meadowbank existing approved/authorized Fuel storage to be used. Refer to Appendix 1-B List of Permits and Authorizations – Permit 2AM-MEA0815 renewed to 2AM-MEA1525.

28. Describe any secondary containment measures to be employed, including the type of material or system used. If no secondary containment is to be employed, please provide justification.
Refer to Volume 1, Project Description, Section 1.2.11 Fuel Storage Sites, and Volume 8, Appendix 8-D.2 Meadowbank and Whale Tail Pit Bulk Fuel Storage Facility Environmental Performance Monitoring Plan.

29. Describe the method of fuel transfer and the method of refuelling.
Refer to Volume 1, Project Description:
    - **Section 1.2.6 Marine Area – Transportation to Project (i.e., fuel transfer); and**
    - **Section 1.2.11 Fuel Storage Sites.**

Refer to Volume 8, Hazardous Material Management Plan (Appendix 8-D.4) Section 5 – Petroleum Products.

30. Describe spill control measures in place.
Refer to the full list of Material Management and Emergency Response Management Plans provided in Volume 8, Section 8.3.4.
    - **Ammonia Management Plan; Refer to Appendix 8-D.1.**
    - **Meadowbank Bulk Fuel Storage Facility Environmental Performance and Monitoring Plan; Refer to Appendix 8-D.2.**
    - **Baker Lake Bulk Fuel Storage Facility Environmental Performance and Monitoring Plan;**
    - **Emergency Response Plan; Refer to Appendix 8-D.3.**
    - **Hazardous Material Management Plan; Refer to Appendix 8-D.4.**
    - **Oil Pollution Emergency Plan;**
    - **Shipping Management Plan; Refer to Appendix 8-D.5.**
    - **Spill Contingency Plan; Refer to Appendix 8-D.6.**
    - **Freshet Action and Incident Response Plan refer to addendum to the Water Management Plan (Section 8.3.2.5).**

Please refer to Environment Canada's fuel storage tank system regulations (*Storage Tank System for Petroleum and Allied Petroleum Products*) website at http://www.ec.gc.ca/st-rs/ for details on fuel storage requirements.
Refer to Volume 1, Project Description, Section 1.2.11 for Agnico Eagle statement regarding Environment Climate Change Canada Regulations, and Volume 8, Appendix 8-D.2 Meadowbank Fuel Storage Facility Environmental Performance Monitoring Plan.

Chemicals and Hazardous Materials*

**included but not limited to oils, greases, drill mud, antifreeze, calcium or sodium chloride salt, lead acid batteries and cleaners*

31. Describe the types, quantities (number of containers, the type of container and capacity of containers), method of storage and containment. Indicate the location on a map where material is to be stored, and method of transportation of materials to project site.
    Refer to Volume 8, Appendix 8-D-4 Hazardous Material Management Plan:
    - **Section 5 and subsection for Petroleum Products;**
    - **Section 6 and subsections for explosives;**
    - **Section 7 for Process plant and treatment plant reagents and consumables;**
    - **Section 8 for additional hazardous and toxic materials;**
    - **Figure 6, Whale Tail Camp site layout; and**
    - **Section 5.2 Delivery to Site.**

    Refer to Volume 8, Hazardous Material Management Plan (Appendix 8-D.4) Table 2 and Table 5 for quantity, location, type and current use.

32. Describe any secondary containment measures to be employed, including the type of material or system used.
    Depending upon type of material refer to appropriate section of the Hazardous Material Management Plan (Appendix 8-D-4).

33. Describe the method of chemical transfer.
    Depending upon type of material refer to appropriate section of the Hazardous Material Management Plan (Appendix 8-D-4).

34. Describe spill control measures in place.
    Depending upon type of material refer to appropriate section of the Hazardous Material Management Plan (Appendix 8-D-4) Safe Handling measures are identified. For specific spill contingency measures refer to plans identified under Q.30 (above) and the Spill Contingency Plan Volume 8, Appendix 8-D.6.

Workforce and Human Resources/Socio-Economic Impacts

35. Discuss opportunities for training and employment of local Inuit beneficiaries.
    Refer to Volume 1, Section 1.2.1.2 Project Need; and
    Refer to Volume 7 Human Environment:
    - **Section 7.4 Socio Economics**
        - **Section 7.4.2.3 Employment**
        - **Section 7.4.2.4 Education and Training**
        - **Section 7.4.3.3 Employment and Education**

36. Discuss workforce mobilization and schedule, including the duration of work and rotation length, and the transportation of workers to site.
    Refer to Volume 1, Project Description:
    - **Meadowbank Mine – Whale Tail Pit Fact Sheet; Socio-Economics; and**
    - **Table 1.1-1 Definition of Project Scope – Employment.**

37. Discuss, where relevant, any specific hiring policies for Inuit beneficiaries.

Refer to Volume 1, Project Description, Section 1.2.1.2 Project Need, and the Socio Economic Management and Monitoring Plan in Volume 8, Appendix 8-E.6.

Public Involvement/ Traditional Knowledge

38. Indicate which communities, groups, or organizations would be affected by this project proposal.
Since operation of the Meadowbank Mine began, Agnico Eagle has continued public consultation by meeting with employees local employees that live throughout the Kivalliq, meeting in the community and local stakeholders, and regulatory agencies routinely which has allowed a better general understanding of the rights, interests, values, aspirations, and concerns of the potentially affected stakeholders, with particular reference to the local population (Baker Lake). A detailed list of consultation are presented in previous annual reports and specific consultation and IQ/TK workshops for the extension of the Meadowbank Mine through the operation of Whale Tail Pit are presented in Volume 2, Section 2.3, Table 2-H.

39. Describe any consultation with interested Parties which has occurred regarding the development of the project proposal.
Refer to Volume 1, Executive Summary, and Section 1.1.11 Consultation
Refer to Volume 2, Section 2.3 Public Consultation, Government Engagement and Inuit Qaujimajatuqangit (and its subsections)

A record of consultation including government engagement is provided in Volume 2, Table 2-H.

40. Provide a summary of public involvement measures, a summary of concerns expressed, and strategies employed to address any concerns.
Refer to Volume 1, Project Description, Section 1.1.3 Sustainable Development and Precautionary Principle. Outlines Agnico Eagle involvement in regional SEMC. Annual Reports on file with NIRB under the current Project Certificate.

41. Describe how traditional knowledge was obtained, and how it has been integrated into the project.
Traditional Knowledge and Inuit Qaujimajatuqangit incorporation detailed in Volume 7, Human Environment, specifically Section 7.3 and its subsections.

Baseline Inuit Qaujimajatuqangit report is provided in Appendix 7-A.

For each environmental component TK/IQ was incorporated as follows:

- **Assessment methods refer to Volume 3**
- **Atmospheric Environment:**
  - **Climate and meteorology - Refer to Section 4.2.1 and its subsection.**
  - **Air Quality - Refer to Section 4.3.1 and its subsection.**
  - **Noise and Vibration - Refer to Section 4.4.1 and its subsection.**
- **Terrestrial Environment**
  - **Terrain, Permafrost, and Soils - Refer to Section 5.3.1 and its subsection.**

- **Vegetation - Refer to Section 5.4.1 and its subsection.**
- **Wildlife and Wildlife Habitat - Refer to Section 5.5.1 and its subsection.**

- **Freshwater Environment**
  - **Hydrogeology and Groundwater Quantity and Quality - Refer to Section 6.2.1 and its subsection.**
  - **Surface Water Hydrology - Refer to Section 6.3.1 and its subsection.**
  - **Surface Water Quality - Refer to Section 6.4.1 and its subsection.**
  - **Fish and Fish Habitat - Refer to Section 6.5.1 and its subsection.**
- **Human Environment**
  - **Heritage Resources - Refer to Section 7.2.1 and its subsection.**
  - **Socio-Economics - Refer to Section 7.4.1 and its subsection.**

Summary is provided in Section 2.2.4.2.

42. Discuss future consultation plans.

Refer to Volume 1, Section 1.1.11 for summary of consultation. A record of consultation including government engagement is provided in Volume 2, Appendix 2-H, Table 2-H. Agnico Eagle has and will continue to engage with the KIA and other stakeholders. In addition to routine public meetings in Baker Lake, Agnico Eagle hosted public meetings, presenting Whale Tail Pit in various Kivalliq communities (Baker Lake, Rankin Inlet, Chesterfield Inlet) in June 2016 and will host open house sessions throughout the Kivalliq in September 2016.

PROJECT SPECIFIC INFORMATION

The following table identifies the project types identified in Section 3 of the NIRB, Part 1 Form. Please complete all relevant sections.

It is the proponent's responsibility to review all sections in addition to the required sections to ensure a complete application form.

Table 1: Project Type and Information Required

Project Type	Type of Project Proposal	Information Request
1	**All-Weather Road/Access Trail**	**Section A-1 and Section A-2**
2	Winter Road/Winter Trail	Section A-1 and Section A-3
3	Mineral Exploration	Section B-1 through Section B-4
4	Advanced Mineral Exploration	Section B-1 through Section B-8
5	**Mine Development/Bulk Sampling**	**Section B-1 through Section B-12**
6	**Pits and Quarries**	**Section C**
7	Offshore Infrastructure(port, break water, dock)	Section D
8	Seismic Survey	Section E
9	Site Cleanup/Remediation	Section F
10	Oil and Natural Gas Exploration/Activities	Section B-3 and Section G
11	Marine Based Activities	Section H
12	Municipal and Industrial Development	Section I

Roads/Trails

A-1. Project Information

1. Describe any field investigations and the results of field investigations used in selecting the proposed route (e.g. geotechnical, snow pack).
   Exploration Access Road screened and approved by NIRB in November 2015, followed by issuance of a Type B licence and letter of advice from DFO by March 2016. The Amaruq Exploration Access Road Main Application Document provides a detailed description of the route selection. Field investigations referenced in the Exploration access road application were carried forward into this assessment. The construction of the Exploration Access road is ongoing. Updated field information provided in the baseline reports appended to the FEIS.

   In addition a summary of baseline data collection reports is provided in Volume 2, Appendix 2-D.

   Routing figures are provided in Appendix 8-C.1 for the Whale Tail Pit Haul Road Management Plan. In addition refer to Section 1 – Project Description.

   The exploration and haul road alignment was altered based on community feedback and the construction schedule for the haul road was altered to focus on winter construction to reduce permafrost degradation. Where applicable, an adaptive management strategy or approach will be used (Vol 1. S, 1.6)

2. Provide a conceptual plan of the road, including example road cross-sections and water crossings.

Information provided for original screening and with Type B application for construction, operations, and closure of the Amaruq Exploration Access Road (which is the same alignment as the proposed Whale Tail Pit Haul Road). NWB issued water licence 8BC-AEA1525.

Figures provided in Volume 8 Appendix 8-C.1 for the Whale Tail Pit Haul Road Management Plan

3. Discuss the type and volume of traffic using the road/trail (i.e. type of vehicles and cargo and number of trips annually).
   Agnico Eagle is proposing to expand the width of the approved exploration access road to a haul road to accommodate increased traffic rates and haul trucks.

   Refer to Volume 4, Appendix 4-B, Section 4.B-8.

   Refer to Appendix 8-C.1 for the Whale Tail Pit Haul Road Management Plan Section 7.7 (and its subsections)

4. Discuss public access to the road.
   For public safety and security, the haul road will be used as a private road and therefore not accessible to the public. Traditional land use crossings will be constructed to ensure hunters and traditional land users can safely cross the haul road. Refer to Appendix 8-C.1 for the Whale Tail Pit Haul Road Management Plan, Section 5.1

5. Describe maintenance procedures.
   Refer to Section 8.3.3.3 Whale Tail Pit Haul Road Management Plan for summary.

6. Describe whether any portion of the road will be located outside of the Nunavut Settlement Area and whether any other regulatory requirements must be met (e.g. CEAA).
   Not Applicable.

A-2. All-Weather Road/Access Trail

7. Discuss road design considerations for permafrost.
   Agnico Eagle proposes to extend the use of the current Baker Lake to Meadowbank AWAR for an additional 3 to 4 years during the operation of Whale Tail Pit. For details on the proposed expansion of the Amaruq Exploration Access road to the Whale Tail Pit Haul Road, refer to Volume 1, Project Description, Section 1.3 and Appendix 1-C for Project design considerations.

   Refer to Appendix 8-C.1 for the Whale Tail Pit Haul Road Management Plan:
   - **Section 6 Measures to prevent permafrost degradation; and**
   - **Section 7.6 Ground ice and permafrost protection.**

   Refer to Volume 2, Appendix 2J Project Design considerations; Permafrost in 2-J-2.2

8. Describe the construction materials (type and sources for materials), and the acid rock drainage (ARD) and metal leaching characteristics of the construction materials.
   Refer to Volume 1, Project Description:
   - **Executive Summary, Table 1.1-1 Definition of Scope; and**
   - **Section 1.2.2.1 re: Material sources and ARD/ML potential.**

   Summary of Geochemical properties is provided in Volume 8, Appendix 8-A.1 and detailed geochemical properties in Volume 5, Appendix 5-E.

   Refer to Appendix 8-C.1 for the Whale Tail Pit Haul Road Management Plan, Section 1.1 Project Description.

9. Discuss construction techniques, including timing for construction activities.
   Refer to Appendix 8-C.1 for the Whale Tail Pit Haul Road Management Plan. Engineering for the road expansion has been completed for permitting purposes, but detailed construction engineering is ongoing. Final construction drawings will be submitted to the NWB prior to construction.

   Furthermore, refer to Volume 1, Project Description:
   - **Section 1.4 Pace, Scale and Timing of Project; and**
   - **Table 1.4-1 Mine Development Sequence and Key Activities.**

10. Indicate on a map the locations of designated refuelling areas, water crossings, culverts, and quarries/borrow sources.
    Refer to Appendix 8-C.1 for the Whale Tail Pit Haul Road Management Plan, Figure 1.2 (pg 11). All of the approved Amaruq Exploration Access Road refuelling areas, water crossings, culverts and quarries/ borrow sources are proposed for use along the Whale Tail Haul Road.

11. Identify the proposed traffic speed and measures employed to ensure public safety.
    Refer to Appendix 8-C.1 for the Whale Tail Pit Haul Road Management Plan, Section 7.7 and for full details refer to Section 9-Road Safety.

12. Describe dust management procedures.
    Refer to Appendix 8-C.1 for the Whale Tail Pit Haul Road Management Plan, Section 8.3-Dust Suppression.

Mineral Exploration /Advanced Exploration /Development

B-1. Project Information

1. Describe the type of mineral resource under exploration.
   Gold

B-2. Exploration Activity

NOTE: Agnico Eagle seeking reconsideration of Project Certificate for Mine Development. Section responses relate to activities already permitted or permit

(pending) under separate application. Exploration has been screened and authorized under existing permits, authorization and licences. Refer to Appendix 1-B. Advanced exploration associated with future potential underground are currently under review by NIRB and regulators.

Ongoing exploration activities associated with this property are highlighted (bold and blue). Technical details associated with exploration are previously reviewed and authorized indicated as such below.

2. Indicate the type of exploration activity: **Only those activities highlighted apply**
   - **Bulk Sampling (underground or other)**
   - Stripping (mining shallow bedded mineral deposits in which the overlying material is stripped off, the mineral removed and the overburden replaced)
   - Trenching
   - Pitting
   - **Delineation drilling**
   - Preliminary Delineation drilling
   - **Exploration drilling**
   - **Geophysical work (indicate ground and/or air)**
   - Other

3. Describe the exploration activities associated with this project: **Only those activities highlighted apply**
   - Satellite remote sensing
   - Aircraft remote sensing
   - **Soil sampling**
   - **Sediment sampling**
   - **On land drilling (indicate drill type)**
   - On ice drilling (indicate drill type)
   - Water based drilling (indicate drill type)
   - **Overburden removal**
   - Explosives transportation and storage
   - Work within navigable waters
   - On site sample processing
   - **Off-site sample processing**
   - **Waste rock storage (pending)**
   - **Ore storage (pending)**
   - Tailings disposal
   - **Portal and underground ramp construction**
   - **Landfilling (shipped to Meadowbank)**
   - **Landfarming (shipped to Meadowbank)**
   - Other

B-3. Geosciences

4. Indicate the geophysical operation type:
   a. Seismic (please complete Section E)
   b. Magnetic
   c. Gravimetric

   d. **Electromagnetic**
   e. Other (specify)
5. Indicate the geological operation type:
   a. **Geological Mapping**
   b. **Aerial Photography**
   c. **Geotechnical Survey**
   d. **Ground Penetrating Survey**
   e. Other (specify)
6. Indicate on a map the boundary subject to air and/or ground geophysical work.

7. Provide flight altitudes and locations where flight altitudes will be below 610m.
   Refer to approved Air Traffic Management Plan referenced in Volume 8, Section 8.3.3.1.

B-4. Drilling

Activities (No. 8-13) in this section currently authorized under existing permits licences and authorization refer to Appendix 1-B

8. Provide the number of drill holes and depths (provide estimates and maximums where possible).
9. Discuss any drill additives to be used.
10. Describe method for dealing with drill cuttings.
11. Describe method for dealing with drill water.
12. Describe how drill equipment will be mobilized.
13. Describe how drill holes will be abandoned.
14. If project proposal involves uranium exploration drilling, discuss the potential for radiation exposure and radiation protection measures. Please refer to the *Canadian Guidelines for Naturally Occurring Radioactive Materials* for more information.
    Not Applicable

B-5. Stripping/ Trenching/ Pit Excavation

15. Discuss methods employed. (i.e. mechanical, manual, hydraulic, blasting, other)
    Refer to Volume 1, Project Description, Section 1.2.2.1 Deposit, mining methods and production of Whale Tail Pit.
    Refer to Section 1.2.14 Borrow Pits and Quarry sites.

16. Describe expected dimensions of excavation(s) including depth(s).
    Refer to Appendix 1-D Scoping level Open Pit Slope design.

17. Indicate the locations on a map.
    Refer to Figure 1.2-1 Site Layout and Infrastructure.
    Quarry site location plan provided in Appendix 1-C.

18. Discuss the expected volume material to be removed.
    Refer to Volume 1, Table 1.2-1 Summary of Mine Life Materials balance.

19. Discuss methods used to determine acid rock drainage (ARD) and metal leaching potential and results.
Refer to Volume 1, Section 1.2.2.1 re: Material sources and ARD/ML potential. Summary of Geochemical properties is provided in Volume 8, Appendix 8-A.1 and detailed geochemical properties in Volume 5, Appendix 5-E.

B-6. Underground Activities

Not Applicable.
No underground Activities proposed as part of this application. Advanced underground exploration still under consideration by NIRB and NWB under a separate amendment to the Type B Exploration Licence.

20. Describe underground access.
21. Describe underground workings and provide a conceptual plan.
22. Show location of underground workings on a map.
23. Describe ventilation system.
24. Describe the method for dealing with ground ice, groundwater and mine water when encountered.
25. Provide a Mine Rescue Plan.

B-7. Waste Rock Storage and Tailings Disposal

26. Indicate on a map the location and conceptual design of waste rock storage piles and tailings disposal facility.
Refer to Figure 1.2-1 Site Layout and Infrastructure
Refer to Volume 1, Appendix 1C Design Drawing/Conceptual Layouts

Tailings disposal facility already approved project component Refer to Appendix 1-B.

For summary of existing Plans refer to Volume 8, Section 8.3.1.2 Mine Waste Rock and Tailings Management Plan and Section 8.3.1.3 Mine Tailings Storage Facility Operation, Maintenance, and Surveillance Manual.

Addendum to the Mine Waste Rock and Tailings Management Plan is provided in Appendix 8-A.1.

27. Discuss the anticipated volumes of waste rock and tailings.
Refer to Volume 1, Table 1.2-1 Summary of Mine Life Materials balance and refer to the Waste Rock and Tailings Management Plan Addendum in Volume 8 Appendix 8-A.1.

28. Discuss methods used to determine acid rock drainage (ARD) and metal leaching (ML) potential and results.
See response to No. 19 (above).

B-8. Stockpiles

29. Indicate on a map the location and conceptual design of all stockpiles.

Refer to Figure 1.2-1 Site Layout and Infrastructure.

30. Describe the types of material to be stockpiled. (i.e. ore, overburden)
    Refer to Volume 1, Project Description:
    - **Section 1.2.2.2 Processed Ore Containment (and Tailings Storage Facility);**
    - **Section 1.2.3 Overburden and waste rock disposal; and**
    - **Table 1.2-1 Summary of Mine Life Materials balance.**

    Refer to the Waste Rock and Tailings Management Plan Addendum in Volume 8 Appendix 8-A.1.

31. Describe the anticipated volumes of each type of material to be stockpiled.
    Refer to Volume 1, Table 1.2-1 Summary of Mine Life Materials balance.

32. Describe any containment measures for stockpiled materials as well as treatment measures for runoff from the stockpile.
    Refer to Volume 1, Project Description, Section 1.2.5 and its subsection for detailed summary on water management associated with the Project.

    For details refer to Volume 8 Appendices:
    - **Appendix 8-A.1 Waste Rock and Tailings Management Plan Addendum.**
    - **Appendix 8-A.2 Mine Water Quality Monitoring and Management Plan for Dike Construction and Dewatering.**
    - **Appendix 8-B.2 Water Management Plan.**
    - **Appendix 8-B.3 Water Quality and Flow Monitoring Plan.**

33. Discuss methods used to determine acid rock drainage (ARD) and metal leaching (ML) potential and results.
    See response to No. 19 (above).

B-9. Mine Development Activities

34. Indicate the type(s) of mine development activity(s): **Only those activities highlighted apply**
    - Underground
    - **Open Pit Mining**
    - Strip Mining
    - Other

35. Describe mine activities.
    Refer to Volume 1, Project Description (unless otherwise noted)
    For all Refer to Table 1.1-1 Definition of Project Scope
    Figure 1.2-1 Layout and Site Infrastructure
    For detailed description of mine activities refer to the applicable management, mitigation, monitoring plan provided in Volume 8.

    - Mining development plan and methods **Section 1.2.2.1.**
    - Site access **Section 1.2.7 and Section 1.2.9.**

- Site infrastructure (e.g. airstrip, accommodations, offshore infrastructures, mill facilities, fuel storage facilities, site service roads) **Table 1.1-1 Definition of Project Scope, Section 1.2 and its subsections.**
- Milling process **Section 1.2.2.2.**
- Water source(s) for domestic and industrial uses, required volumes, distribution and management. **Section 1.2.4 and its subsections.**
- Solid waste, wastewater and sewage management **Section 1.2.12.**
- Water treatment systems **Section 1.2.5.5.**
- Hazardous waste management **Section 1.2.12.**
- Ore stockpile management Section **1.2.2.2.**
- Tailings containment and management **Section 1.2.2.2.**
- Waste rock management **Section 1.3.**
- Site surface water management **Section 1.2.5 and its subsections.**
- Mine water management **Section 1.2.5 and its subsections.**
- Pitting and quarrying activities (please complete Section C) **Section 1.2.14.**
- Explosive use, supply and storage (including on site manufacturing if required) **Section 1.2.10.**
- Power generation, fuel requirements and storage **Section 1.2.11 and Section 1.2.13.**
- Continuing exploration **Section 1.8.**
- Other

36. Describe the explosive type(s), hazard class, volumes, uses, location of storage (show on map), and method of storage.
    Refer to Volume 1, Project Description:
    - **Section 1.2.10 Explosives Production and Storage Sites; and**
    - **Figure 1.2-1 Site Layout and Infrastructure.**

    For additional information refer to Ammonia Management Plan addendum in Appendix 8-D.1 and Hazardous Material Management Appendix 8-D.4.

B-10. Geology and Mineralogy

For No. 37-41 Refer to:
- **Volume 5, Section 5.2 Geology and Geochemistry**
- **Appendix 5-E Geochemistry Baseline Report**
- **Volume 1, Appendix 1-D Scoping Level Open pit Slope Design**

37. Describe the physical nature of the ore body, including known dimensions and approximate shape.
38. Describe the geology/ mineralogy of the ore deposit
39. Describe the host rock in the general vicinity of the ore body.
40. Discuss the predicted rate of production.
41. Describe mine rock geochemical test programs which have been or will be performed on the ore, host rock, waste rock and tailings to determine acid generation and contaminant leaching potential. Outline methods and provide results if possible.

B-11. Mine

42. Discuss the expected life of the mine.

Refer to Volume 1, Project Description:

- **Executive Summary;**
- **Fact Sheet;**
- **Section 1.1.1 Project Definition; and**
- **Table 1.1-1 Definition Project Scope.**

43. Describe mine equipment to be used.
44. Does the project proposal involve lake and/or pit dewatering? If so, describe the activity as well as the construction of water retention facilities if necessary.
    Refer to Volume 1, Project Description:
    - **Section 1.2.5.4 Whale Tail lake (North Basin) Dewatering;**
    - **Section 1.2.5.5 Water Treatment, Contact Water Ponds and Attenuation Pond; and**
    - **Section 1.2.5.6 Re-Filling.**

45. Discuss the possibility of operational changes occurring during the mine life with consideration for timing. (e.g. open pit to underground)
    Refer to Volume 1, Section 1.8 Potential Future Developments.

46. If project proposal involves uranium mining, consider the potential for radiation exposure and radiation protection measures. Particular attention should be paid to *The Nuclear Safety and Control Act*.
    Not Applicable.

B-12. Mill

In response to NO. 47 – 50.
All milling will be done at Meadowbank Mine at a mill rate consistent with the current mill rate (9,000 to 12,000 tonnes per day). Currently authorized under Type A Water Licence 2AM-MEA1525.

47. If a mill will be operating on the property in conjunction with mining, indicate whether mine-water may be directed to the mill for reuse.
48. Describe the proposed capacity of the mill.
49. Describe the physical and chemical characteristics of mill waste as best as possible.
50. Will or does the mill handle custom lots of ore from other properties or mine sites?

Pits and Quarries

In response to No. 1- 17 Refer to the following unless otherwise noted:

- **Refer to Volume 1, Project Description, Section 1.2.14 Borrow Pits and Quarry Sites.**
- **Refer to Appendix 8-C.1 Whale Tail Pit Road Management Plan:**
  - **Section 7 Borrow pit management;**
  - **Figure 1.2 for borrow pit locations; and**
  - **Table 7.1 Haul Road Borrow pits and Waste Rock sources for road construction.**

- **Initial field investigation completed for the Amaruq Exploration Access Road refer to Type B water licence application 8BC-AEA1525. Refer to answers provided for NIRB A-1 above.**
- **Refer to responses provided for NIRB B-5 re: Pit excavation.**
- **For description of existing or potential effects and mitigation refer to the FEIS volumes of the submission (Volume 4 to Volume 7) a summary of pathway analysis and linkage matrix is provided in Appendix 3-C.**

1. Describe all activities included in this project.
   - Pitting **Not Applicable.**
   - Quarrying Refer **to NIRB section B-5 above.**
   - Overburden removal **Refer to Section 1.2.14 Borrow Pits and Quarry sites and Section 1.2.3 Overburden and waste rock disposal.**
   - Road use and/or construction (please complete Section A) **Refer to Section NIRB section A-1, A-2 above.**
   - Explosives transportation and storage **the Hazardous Material Management Plan (Appendix 8-D.4), Appendix 8-D.1 Ammonia Management Plan, and Volume 1, Section, and Appendix 8-C.1 for the Whale Tail Pit Haul Road Management Plan.**
   - Work within navigable waters **Refer to Volume 1, Section 1.1.10.2 Transport Canada.**
   - Blasting **Refer to Volume 1, Section 1.2.10 Explosives Production and Storage Sites and to Appendix 8-D.1 Ammonia Management Plan.**
   - Stockpiling **Refer to NIRB section B-8 above.**
   - Crushing **Refer to Volume 1 Section 1.2.2.2 and Appendix 1-C for conceptual layout of crushing facility.**
   - Washing
   - Other

2. Describe any field investigations and the results of field investigations used in determining new extraction sites.
   Refer to Section 1.2.14 Borrow Pits and Quarry sites, Volume 5, Appendix 5-E related to the geological setting, and Volume 1, Project Description, Section 1.8 Potential Future Developments.

3. Identify any carving stone deposits. **If any, identified in IQ baseline report Volume 7 Appendix 7-A.**
4. Provide a conceptual design including footprint. **Refer to Figure 1.1-2 Site Layout and Infrastructure.**
   Describe the type and volume of material to be extracted. **Refer to Volume 1, Table 1.2-1 Summary of Mine Life Materials balance.**
5. Describe the depth of overburden. **Refer to Appendix 5-A Terrain, Permafrost, and Soils Baseline, section 2.1.5 and Section 3.1.1.**
6. Describe any existing and potential for thermokarst development and any thermokarst prevention measures. **Refer to Appendix 5-A Terrain, Permafrost, and Soils Baseline, section 2.1.5. Mitigation measures provided in Appendix 3-C pathway analysis and matrix tables.**
7. Describe any existing or potential for flooding and any flood control measures.
8. Describe any existing or potential for erosion and any erosion control measures.

9. Describe any existing or potential for sedimentation and any sedimentation control measures.
10. Describe any existing or potential for slumping and any slump control measures.
11. Describe the moisture content of the ground. . **Refer to Appendix 5-A Terrain, Permafrost, and Soils Baseline, section 2.1.5.**
12. Describe any evidence of ice lenses. **Refer to Appendix 5-A Terrain, Permafrost, and Soils Baseline, section 2.1.5, and Section 2.3.**
13. If blasting, describe methods employed. **Refer to Volume 1, Section 1.2.10.**
14. Describe the explosive type(s), hazard class, volumes, uses, location of storage (show on map), and method of storage. **Refer to response No. 36 above.**
15. Discuss methods used to determine acid rock drainage (ARD) and metal leaching (ML) potential and results. **Refer to NIRB section B-10 above.**
16. Discuss safety measures for the workforce and the public. **Safety measures identified in various management plans. Refer to Plans found in Appendix 8-C and 8-D.**

DESCRIPTION OF THE EXISTING ENVIRONMENT

Describe the existing environment, including physical, biological and socioeconomic aspects. Where appropriate, identify local study areas (LSA) and regional study areas (RSA).

Refer to Volumes 4 to 7. For Existing Environment refer to:

- **Climate and Meteorology Section 4.2.2;**
- **Air Quality Section 4.3.2;**
- **Noise and Vibration Section 4.4.2;**
- **Geology and Geochemistry Section 5.2 and its subsections;**
- **Terrain Permafrost and Soils Section 5.3.2 and its subsections.**
- **Vegetation Section 5.4.2 and its subsections;**
- **Wildlife and Wildlife Habitat Section 5.5.1.4 and Section 5.5.2 and its subsections;**
- **Hydrogeology and Groundwater Quantity and Quality Section 6.2.2 and its subsections;**
- **Surface Water Hydrology Section 6.3.2 and its subsections;**
- **Surface Water Quality Section 6.4.2 and its subsections;**
- **Fish and fish Habitat Section 6.5.2 and its subsections;**
- **Heritage resources Section 7.2.2 and its subsections;**
- **Traditional Land and Resource Use/Inuit Qaujimajatuqangit Section 7.3.1 and its subsections; and**
- **Socio-Economics Section 7.4.2 and its subsections.**

Please note that the detail provided in the description of the existing environment should be appropriate for the type of project proposal and its scope.

The following is intended as a guide only.

Physical Environment

Please note that a description of the physical environment is intended to cover all components of a project, including roads/trails, marine routes, etc. that are in existence at present time.

Refer to Volumes 4 to 7

- Proximity to protected areas, including:
  i. designated environmental areas, including parks; **no federal, territorial or regional LUP designated areas identified**
  ii. heritage sites; **Refer to Volume 7, Section 7.2.2**
  iii. sensitive areas, including all sensitive marine habitat areas; **Refer Volume 7 Appendix 7-A, Figure 3-2**
  iv. recreational areas; ; **Refer Volume 7 Appendix 7-A, Figure 3-2, and section 3.5 cultural sites and trails**
  v. sport and commercial fishing areas; **Refer Volume 7, Appendix 7-A, Figure 3-1 and 3-2, and section 3.1 Regional land use; Section 3.3 Fish and Water**

vi. breeding, spawning and nursery areas; **Refer to Volume 5, Appendix 5-C for breeding bird transects. Refer to Volume 6, Appendix 6-D for Arctic Grayling spawning surveys.**
vii. known migration routes of terrestrial and marine species; **Refer to Volume 5, Appendix 5-C**
viii. marine resources; **Refer to Volume 3, Appendix 3-A**
ix. areas of natural beauty, cultural or historical history; **Refer to Volume 7, Section 7.3.1**
x. protected wildlife areas; and **Refer to Volume 5, Appendix 5-C**
xi. other protected areas.

- Eskers and other unique landscapes (e.g. sand hills, marshes, wetlands, floodplains). **Refer to Volume 5, Appendix 5-A**
- Evidence of ground, slope or rock instability, seismicity. **Refer to Volume 1, Appendix 1-D**
- Evidence of thermokarsts. **Refer to Volume 5, Appendix 5-A**
- Evidence of ice lenses. **Refer to Volume 5, Appendix 5-A**
- Surface and bedrock geology. **Refer to Volume 5, Section 5.2.1**
- Topography. **Refer to Volume 5, Appendix 5-A**
- Permafrost (e.g. stability, depth, thickness, continuity, taliks). **Refer to Volume 5, Section 5.3.2**
- Sediment and soil quality. Sediment – **Refer to Volume 6, Section 6.4.2.2 of sediment quality; Volume 5, Section 5.3.2.4 for soil quality**
- Hydrology/ limnology (e.g. watershed boundaries, lakes, streams, sediment geochemistry, surface water flow, groundwater flow, flood zones). **Refer to Volume 6, Sections 6.2.2 and 6.3.2**
- Tidal processes and bathymetry in the project area (if applicable). **Refer to Volume 6, Appendix 6-M for bathymetry.**
- Water quality and quantity. **Refer to Volume 6, Section 6.4.2**
- Air quality. **Refer to Volume 4, Section 4.3.2**
- Climate conditions and predicted future climate trends. **Refer to Volume 4, Section 4.2.2**
- Noise levels. **Refer to Volume 4, Section 4.4.2**
- Other physical Valued Ecosystem Components (VEC) as determined through community consultation and/or literature review. **Refer to Volume 3, Section 3.2 and its subsections.**

Biological Environment

Refer to Volumes 5 and 6

- Vegetation (terrestrial as well as freshwater and marine where applicable). **Refer to Volume 5, Section 5.4.2; Volume 3, Appendix 3-A**
- Wildlife, including habitat and migration patterns. **Refer to Volume 5, Section 5.5.2.1 to 5.5.2.4, and 5.5.2.8**
- Birds, including habitat and migration patterns. **Refer to Volume 5, Section 5.5.2.5 to 5.5.2.7**
- Species of concern as identified by federal or territorial agencies, including any wildlife species listed under the *Species at Risk Act (SARA)*, its critical habitat or the residences of individuals of the species. **Refer to Volume 5, Section 5.5.2.1**

- Aquatic (freshwater and marine) species, including habitat and migration/spawning patterns. **Refer to Volume 6, Section 6.5.2; Volume 3, Appendix 3-A**
- Other biological Valued Ecosystem Components (VEC) as determined through community consultation and/or literature review. **Refer to Volume 3, Section 3.2 and its subsections.**

Socioeconomic Environment

Refer to Volume to 7

- Proximity to communities. **Refer to response to 6b and 8a above**
- Archaeological and culturally significant sites (e.g. pingos, soap stone quarries) in the project (Local Study Area) and adjacent area (Regional Study Area). **Refer to Volume 7, Section 7.2.2**
- Palaeontological component of surface and bedrock geology. **Refer to Volume 7, Table 7.1-1.**
- Land and resource use in the area, including subsistence harvesting, tourism, trapping and guiding operations. **Refer to Volume 7 Appendix 7-A,**
- Local and regional traffic patterns. **Refer to Volume 7, Appendix 7-A, Section 3.5**
- Human Health, broadly defined as a complete state of wellbeing (including physical, social, psychological, and spiritual aspects). **Volume 7, Section 7.4.2. Refer to Volume 7, Appendix 7-A, Section 3.7**
- Other Valued Socioeconomic Components (VSEC) as determined through community consultation and/or literature review. **Refer to Volume 3, Section 3.2 and its subsections.**

IDENTIFICATION OF IMPACTS AND PROPOSED MITIGATION MEASURES

Refer to Volume 3, Appendix 3-C for all potential impacts and mitigation measures.

1. Please complete the attached Table 1 – Identification of Environmental Impacts, taking into consideration the components/activities and project phase(s) identified in Section 4 of this document. Identify impacts in Table 1 as either positive (P), negative and mitigable (M), negative and non- mitigable (N), or unknown (U). **Refer to Volume 3, Appendix 3-C, Tables 3-C-11 to 3-C-13**
2. Discuss the impacts identified in the above table. **Information presented in summary table attached is discussed in detail for each environmental component in Volume 4 through 7**.
3. Discuss potential socioeconomic impacts, including human health. **Socio-Economic impacts refer to Volume 7, Section 7.4 and its subsections. A human health and ecological risk assessment summary is provided in Volume 3, Appendix 3-B.**
4. Discuss potential for transboundary effects related to the project. **Refer to Volume 1, Section 1.1.5.1 the project is entirely within the Kivalliq (Keewatin LUP) region of Nunavut west of the border between NWT and north of the Manitoba border.**
5. Identify any potentially adverse effects of the project proposal on species listed under the *Species at Risk Act (SARA)* and their critical habitats or residences, what measures will be taken to avoid or lessen those effects and how the effects will be monitored. **Volume 5, Section 5.5.2.1**
6. Discuss proposed measures to mitigate all identified negative impacts.
   Mitigation, monitoring and follow-up of identified effects is provided within the FEIS volumes of the submission for each VEC. Refer to:
   - **Climate and Meteorology Section 4.2.1.4 and Section 4.2.4;**
   - **Air Quality Section 4.3.1.4 and Section 4.3.7 and its subsections;**
   - **Noise and Vibration Section 4.4.1.4 and Section 4.4.7;**
   - **Terrain Permafrost and Soils Section 5.3.1.4 and Section 5.3.7;**
   - **Vegetation Section 5.4.1.4 and Section 5.4.7;**
   - **Wildlife and Wildlife Habitat Section 5.5.1.4 and Section 5.5.5.2 and its subsections;**
   - **Hydrogeology and Groundwater Quantity and Quality Section 6.2.1.3 and Section 6.2.5;**
   - **Surface Water Hydrology Section 6.3.1.4 and Section 6.3.7;**
   - **Surface Water Quality Section 6.4.1.4 and Section 6.4.7;**
   - **Fish and fish Habitat Section 6.5.1.3 and Section 6.5.8;**
   - **Heritage resources Section 7.2.1.4 and Section 7.2.7;**
   - **Traditional Land and Resource Use/Inuit Qaujimajatuqangit Section 7.3.6; and**
   - **Socio-Economics Section 7.4.7.**

   A summary of pathways and linkage matrix including mitigation is provided in Volume 3, Appendix 3-C.
   Summary of environmental management, mitigation and monitoring also provided in Volume 2, Section 2.2.6.

CUMULATIVE EFFECTS

Approach to cumulative effects discussed in Volume 3, Section 3.5.2

Refer to Volume 3, Appendix 3-D Cumulative Effects Study Area and Reasonably Foreseeable Future Developments.

For each environmental component cumulative effects assessment was completed. Refer to:

- **Air Quality Section 4.3.5;**
- **Noise and Vibration Section 4.4.5;**
- **Terrain Permafrost and Soils Section 5.3.5;**
- **Vegetation Section 5.4.5;**
- **Wildlife and Wildlife Habitat Section 5.5.4.2;**
- **Surface Water Hydrology Section 6.3.5;**
- **Surface Water Quality Section 6.4.5;**
- **Fish and fish Habitat Section 6.5.5;**
- **Heritage resources Section 7.2.5;**
- **Traditional Land and Resource Use/Inuit Qaujimajatuqangit Section 7.3.4; and**
- **Socio-Economics Section 7.4.5.**

A cumulative impact (or effect) can be defined as the impact on the environment that results from the incremental impact of the action when added to other past, present and reasonably foreseeable future actions. Cumulative impacts can also result from individually minor but collectively significant actions taking place over a period of time.

Discuss how the effects of this project interact with the effects of relevant past, present and reasonably foreseeable projects in a regional context.

SUPPORTING DOCUMENTS

Where relevant, provide the following supporting documents:

- Abandonment and Decommissioning Plan
- Existing site photos with descriptions
- Emergency Response Plan
- Comprehensive Spill Prevention/Plan (must consider hazardous waste and fuel handling, storage, disposal, spill prevention measures, staff training and emergency contacts)
- Waste Management Plan/Program
- Monitoring and Management Plans (e.g. water quality, air pollution, noise control and wildlife protection etc.)

- If project activities are located within Caribou Protection Areas or Schedule 1 Species at Risk known locations, please provide a Wildlife Mitigation and Monitoring Plan

Revised supporting documents provided in Volume 8 Management, Mitigation, and Monitoring Plans. Refer to Table 8.2-1: List of Monitoring, Mitigation, and Management Plans

In addition, for Project Type 9 (Site Cleanup/Remediation), please provide the following additional supporting documents:

- Remediation Plan including cleanup criteria and how the criteria were derived.
- Human Health Risk Assessment of the contaminants at the site.

Not Applicable

TABLE 1 - IDENTIFICATION OF ENVIRONMENTAL IMPACTS

Note: Please indicate in the matrix cell whether the interaction causes an impact and whether the impact is

P = Positive
N = Negative and non-mitigatable
M = Negative and mitigatable
U = Unknown

If no impact is expected please leave the cell blank

Refer to Volume 3, Appendix 3-C, Tables 3-C-11 to 3-C-13

ATTACHMENT B:

NWB AMENDMENT APPLICATION FORM

MEADOWBANK MINE: WHALE TAIL PIT PROJECT

Application for Water Licence Amendment

Document Date: April 2013

Application Submission Date: June/30/2016
Month/Day/Year

P.O. BOX 119
GJOA HAVEN, NUNAVUT
X0B 1J0
TEL: (867) 360-6338
FAX:(867) 360-6369

kNK5 wmoEp5 vtmpq
NUNAVUT IMALIRIYIN KATIMAYIT
NUNAVUT WATER BOARD
OFFICE DES EAUX DU NUNAVUT

P.O. BOX 119
GJOA HAVEN, NU X0B 1J0
TEL: (867) 360-6338
FAX: (867) 360-6369

kNK5 wmoEp5 vtmp5
NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYIT
OFFICE DES EAUX DU NUNAVUT

APPLICATION FOR WATER LICENCE AMENDMENT

The applicant is referred to the NWB's Guide 7: *Licensee Requirements Following the Issuance of a Water Licence* for more information about this application form.

Where possible, provide background information regarding the original licence application or attach previously submitted information.

EXISTING LICENCE NO: **No. 2AM-MEA1525**

1. LICENSEE CONTACT INFORMATION

Is the licensee the same as that referred to on the existing licence?

☒ Yes ☐ No

If No, a licence assignment must be completed and approved by the NWB. **An amendment will only be issued in the name of the current licensee in the absence of assignment of the licence.**

If the licensee is the same, but the name of the licensee has changed, attach a certificate of name change.

Name: **Agnico Eagle Mines Limited - Meadowbank Division**

Address: **145 King Street East, Suite 400**
Toronto, Ontario, M5C 2Y7, Canada

Phone: **416-947-1212 (Alternate: 1-888-822-6714)**
Fax: **416-367-4681**
e-mail: **info@agnicoeagle.com**

2. LICENSEE REPRESENTATIVE CONTACT INFORMATION – If different from Block 1.

Name: **Ryan Vanengen, Environment Superintendent**

Address: **Baker Lake, NU X0C 0A0**

Phone: **T: 819.759.3555 x6838**
M:819.651.2974
Fax: **n/a**
e-mail: ryan.vanengen@agnicoeagle.com

(Attach authorization letter.)

Not applicable R.Vanengen is employee of Agnico Eagle.
List of consultants is provided in Volume1, Section 1.1.2 (refer to cover letter for authorization)

3. NAME OF PROJECT

Meadowbank Mine

Has the name of the project changed?

☐ Yes ☒ No

If Yes, indicate the name of the project including the name of the location:

NA

4. LOCATION OF UNDERTAKING

Does the proposed amendment change the location of the amended undertaking?

☒ Yes ☐ No

Provide the project extents and camp locations. Identify proposed changes.

Project Extents

Project Extents	Latitude	Longitude
Meadowbank Mine (Approved Type A 2AM-MEA1525)	65° 01' 33" N	96° 04' 01" W
Meadowbank Exploration (Approved Type B 2BE-MEA1318) includes IVR/Amaruq Exploration	65° 30' 03" N	97° 13' 13" W
	65° 30' 07" N	95° 39' 00" W
	64° 47' 44" N	95° 36' 43" W
	64° 46' 22" N	97° 16' 36 W
Haul Road (Approved as Exploration Access Road Type B 8BC-AEA1525)	65° 04' 53.3" N	96° 01' 00.8" W
	65° 23' 49.7" N	96° 40' 35.8" W
Whale Tail Pit Project Area	65° 25' 22.241" N	96° 46' 6.042" W
	65° 25' 12.707" N	96° 35' 44.100" W
	65° 21' 35.740" N	96° 36' 3.944" W
	65° 21' 45.248" N	96° 46' 24.463" W

Camp Location(s)

Camp Locations	Latitude	Longitude
Meadowbank Mine Site (Approved Type A 2AM-MEA1525)	65° 01' 33" N	96° 04' 01" W
Whale Tail Pit Camp Site	95° 24' 36" N	96° 41' 41" W

Refer to Volume 1, Figures 1.1-1 and 1.1-2 for general layout/location figures for the Project.

5. MAP

Does the proposed amendment change the locations of any of the main components of the undertaking?

☒ Yes ☐ No

Attach a topographical map, indicating the main components of the undertaking. Identify proposed changes.

Refer to Volume 1, Figure 1.1-1.

NTS Map Sheet No.: _____ Map Name: _____ Map Scale: _1:50,000_____
Meadowbank Mine - Project straddles four NTS sheets 66A/16, 66H/1, 56 E/4, and 56 D/13 (already on file from original and renewal applications)

All Weather Access Road – NTS sheet 066H/Amer Lake/Scale 1:250,000 (NAD 83) UTM Zoe 14 W (Already on file from original application)

Whale Tail Pit - NTS sheet 66H/7/Scale 1:50,000

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.

_____

Check any of the following that are applicable to the proposed undertaking (at least one box under the 'Surface' header must be checked).
Agnico Eagle Mines Limited holds a number of land use permits, leases and authorizations for the Project, with the Kivalliq Inuit Association (KIA), Indian and Northern Affairs (INAC), and the Government of Nunavut (GN), a full list of land use permits, leases and authorizations for the Project is provided in Volume 1, Appendix 1-B. This list includes dates of issuance and dates of expiry.

The 'X" below denotes where leases or authorization are required. Refer to volume 1, Table 1.1-4 for Land Tenure Summary, Appendix 1-B for list of permits licenses and Authorizations and Figure 1.1-1 Project location and claim boundaries.

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: _____ Date of expiry: _____

Surface

☐ Crown Land Use Authorization from Indian and Northern Affairs Canada (INAC)
Date (expected date) of issuance: _____ Date of expiry: _____

☒ 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: _____ Date of expiry: _____

☐ 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: _____ Date of expiry: _____

☒ Other GN Department of Government and Community Services
_____

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

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 existing project is located.

☐ North Baffin
☐ South Baffin
☐ Akunniq
☒ Keewatin
☐ Sanikiluaq
☐ West Kitikmeot

Does the proposed amendment change the land use planning area?

☐ Yes ☒ No

If yes, indicate the land use planning area in which the amended undertaking is located.

☐ North Baffin
☐ South Baffin
☐ Akunniq
☐ Keewatin
☐ Sanikiluaq
☐ West Kitikmeot

Was a land use plan conformity determination required from NPC prior to the issuance of the existing water licence?

☒ Yes ☐ No

If Yes, indicate date issued and attach copy. June 8, 2011

Project related positive conformity determination include:

- **Meadowbank Gold Mine on December 30, 2006**
- **winter road determination (NIRB 11 EN010) on March 9, 2011;**
- **exploration camp and associated activities (i.e., drilling) renewal on multiple permits on October 21, 2015; and**
- **exploration access road for multiple permits on July 17, 2015.**

On May 17, 2016 Agnico Eagle filed application with NPC requesting conformity determination.
NPC File No. 148297. On June 17, 2016 NPC determined the Whale Tail Pit and haul road proposal conforms to the Keewatin Regional Land Use Plan and that the proposal requires screening by NIRB.

Does the proposed amendment change the original NPC conformity determination or the need to obtain one?

☐ Yes ☒ No

If Yes, indicate date issued (or expected) and attach a copy.
If No, provide written confirmation from NPC confirming that a land use plan conformity review is not required.

See attached letter from NPC (Attachment C).

8. NUNAVUT IMPACT REVIEW BOARD (NIRB) DETERMINATION

Was a screening determination required from NIRB prior to the issuance of the existing water licence?

x Yes ☐ No

If Yes, indicate date issued and attach copy.

The Meadowbank Mine was subject to the environmental review established by Article 12, Part 5 of the NLCA. In November 2006 the Minister of Indian and Northern Affairs Canada (now Indigenous and Northern Affairs Canada) approved the NIRB decision that the project proceed subject to terms and conditions. On December 30, 2006 the NIRB issued a Project Certificate for the development of Meadowbank Mine. NIRB File No. 03MN107

Concurrent with this submission for Amendment to the Type A water licence, Agnico Eagle is also seeking re-consideration/amendment to the Project Certificate No. 004.

Does the proposed amendment change the original NIRB screening determination or the need to obtain one?

☒ Yes ☐ No

If Yes, indicate date issued (or expected) and attach a copy.

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

The review of the Project is pending with NIRB. NIRB File 03MN107.

9. DESCRIPTION OF UNDERTAKING

Does the proposed amendment change the description of the undertaking?

☒ Yes ☐ No

List and attach plans and drawings or project proposal. Identify proposed changes.

Agnico Eagle Mines Limited – Meadowbank Division (the Mine Division) is proposing to develop Whale Tail Pit, a satellite deposit located on the Amaruq property, to continue mine operations and milling at Meadowbank Mine. The Amaruq property is a 408 square kilometre (km2) site located on Inuit Owned Land approximately 150 kilometres (km) north of the hamlet of Baker Lake and approximately 50 km northwest of Meadowbank Mine in the Kivalliq Region of Nunavut. Meadowbank Mine is an approved mining operation and Agnico Eagle is looking to extend the life of the mine by constructing and operating Whale Tail Pit and haul road (Project).

Meadowbank Mine is an approved mining operation and Agnico Eagle is looking to extend the life of the mine by constructing and operating Whale Tail Pit and haul road (the Project). The Mine Division's priority in recent years has been to optimize mine operations, specifically engineers have been considering the feasibility of expanding operations to extend the life of mine (LOM) at Meadowbank. Extending the life of a mine through development of additional ore deposits is a continuous process. Consistent with the Project Certificate Item 29, Agnico Eagle is herein "reporting to NIRB if and when [Agnico Eagle] develops plans for an expansion of the Meadowbank Gold Mine." Exploration is on-going with the objective of identifying additional deposits or ore bodies feasible for development, such as Whale Tail.

The proposed extension of Meadowbank will require some new Project facilities which will consist of a personnel camp (i.e., Main Camp), power plant, heli-pad, maintenance shop, tank farm, a waste rock storage facility (WRSF), an ore stockpiling facility, an attenuation pond, a water and sewage collection and treatment system, haul roads, access roads, water management infrastructure (e.g., collection ponds, channels, dikes, dams, and culverts), and the Whale Tail Pit. As a result of development, Agnico Eagle is also proposing to expand the width of the existing exploration access road to a haul road to accommodate increased traffic rates and haul trucks. No new infrastructure is required at the existing Meadowbank Mine to support the development of the Project.

Agnico Eagle proposes to process the Whale Tail ore and dispose of the tailings slurry at the

existing Meadowbank Mine tailing storage facility (TSF), which is authorized under the current Project Certificate and Type A Water Licence. The mine operation will generate approximately 8.3 Mt of tailings, 46.7 Mt of mine waste rock, and 5.8 Mt of overburden soil, with very limited organic material. Tailings produced from processing of Whale Tail ore will be accommodated within the existing footprint of the TSF. More specifically, tailings will be stored within the current footprint of the south cell TSF and by building an internal structure in the north cell TSF. Neither the footprint of the facility nor the chemical nature of the tailings and process water are expected to significantly change from current operations. Whale Tail tailings will require the same long-term environmental control mechanisms as are currently approved for Meadowbank.

Approximately 2.5 Mt of waste rock will be used for construction activities such as roads, pads, and water management facilities (i.e., dike, berm, rip rap, etc.). The remaining waste rock and overburden material will be hauled to the Whale Tail WRSF, which is located northwest of the Whale Tail Pit. A second, temporary overburden storage pad for staging purposes is located west of the Whale Tail Lake. Waste rock and overburden will be co-disposed together in one of the two piles constituting the storage facility.

The Project will be supported using the existing transportation requirements, relying on marine transportation for most supplies, aircraft for supplies and transportation of employees, and the gold doré produced at the Meadowbank Mill. The Meadowbank All Weather Access Road (AWAR) will continue to provide supplies transported from the existing Baker Lake marshalling facilities to the Meadowbank Mine. The current operational components include marshalling facilities in Baker Lake and the 110 km AWAR between Baker Lake and Meadowbank Mine. Agnico Eagle is proposing to upgrade the previously permitted Amaruq exploration access road to a haul road to support the development of Whale Tail Pit and to enable hauling needed between the Whale Tail Pit and the Meadowbank Mill. No changes are proposed for the Meadowbank AWAR to Baker Lake.

Construction of the Whale Tail Pit site will begin as soon as approval and permits are received (anticipated for early 2018) and ultimately have full production in 2019. The operational phase will span three to four years, from Year 1 (2019) to Year 4 (2022). Mining activities are currently expected to end in Year 3 (2021) and ore processing is expected to end during Year 4 (2022). Closure will occur from Year 4 (2022) to Year 11 (2029) after the completion of mining and will include removal of the non-essential site infrastructure and flooding of the mined-out open pit, as well as reestablishment of the natural Whale Tail Lake water level. By extending the life of mine at Meadowbank, Agnico Eagle will progressively close portions of Meadowbank Mine while operating.

Further details can be found in the June 2016 submission includes:

- **Volume 1 - Project Description**;
- **Volume 2 – Environmental Overview and Type A Water Licence document;**
- **Volume 3 through Volume 8 - series of complementary documents to provide a full understanding of the technical and scientific aspects of the Project, which includes:**
  - **Volume 3 – Assessment Methods;**
  - **Volume 4 – Atmospheric Environment;**
  - **Volume 5 – Terrestrial Environment;**
  - **Volume 6 – Freshwater Environment;**
  - **Volume 7 – Human Environment; and**
  - **Volume 8 – Monitoring, Mitigation and Management Plans.**

10. OPTIONS

Does the proposed amendment change any of the alternative methods and locations that were considered to carry out the project?

☒ Yes ☐ No

Provide a brief explanation of the alternative methods or locations that were considered to carry out the project. Identify proposed changes.

Refer to Volume 1, Section 1.10 for detailed information on alternatives considered for the Project.

In summary, Project alternatives were considered during all stages of Project design. Consultation and regulatory engagement discussions have been considered as part of the alternatives assessment. In general, Project alternatives were evaluated according to the following criteria:

- **Environmental - potential impacts to the environment, project footprint, reclamation;**
- **Engineering and Viability – best engineering practices, technology, permitting, risk, and flexibility;**
- **Economy – cost implications, construction capital, operating costs, maintenance cost for reclamation; and**
- **Society – community acceptance or preference, traditional knowledge, health and safety, quality of life, employment, and socio economic effects.**

The alternatives that shaped the overall Project include the following:

- **Project Go/No-Go decision;**
- **Deposit, Mining Method, and Production;**
- **Processed Ore Containment and Tailing Storage;**
- **Overburden and Waste Rock Disposal;**
- **Water Management;**
- **Transportation, Access, and Quarry Development; and**
- **Infrastructure Support.**

11. CLASSIFICATION OF PRIMARY UNDERTAKING

Indicate the primary classification of undertaking for the existing licence by checking one of the following boxes:

☐ Industrial ☐ Agricultural
☒ Mining and Milling (includes exploration/drilling/exploration camps)
☐ Conservation
☐ Municipal (includes camps/lodges) ☐ Recreational
☐ Power ☐ Miscellaneous (describe below):

_____

Does the proposed amendment change the classification of primary undertaking?

☐ Yes ☒ No

If Yes, indicate the primary undertaking of the amendment:_____

Information in accordance with applicable Supplemental Information Guidelines (SIG) must be updated

and submitted with an Application for Amendment. Indicate which SIG(s) are applicable to your application.

☐ 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

Refer to the modified concordance assessment provided in Volume 2, Appendix 2-I.

12. WATER USE

Indicate, using the boxes below, the types of water use(s) approved in the existing licence.
Based on 2015 licence renewal

☒ To obtain water for camp/ municipal purposes
☒ To obtain water for industrial purposes
☐ To cross a watercourse
☒ To alter the flow of, or store water
☒ Other: discharge of lake water seepage
☒ To divert a watercourse
☒ To modify the bed or bank of a watercourse
☒ Flood control

Does the proposed amendment change the type(s) of water use(s)?

☒ Yes ☐ No

If Yes, indicate using the boxes below, the proposed change(s) to the type(s) of water use(s) noting any water use(s) that are to be added, continued, or removed.

☒ To obtain water for camp/ municipal purposes
☒ To obtain water for industrial purposes
☒ To cross a watercourse
☒ To alter the flow of, or store water
☒ Other: **Dewatering Lakes; Impacted Ponds**
☒ To divert a watercourse
☒ To modify the bed or bank of a watercourse
☒ Flood control

13. QUANTITY OF WATER INVOLVED

Does the proposed amendment change the source of water? ☒ Yes ☐ No

Agnico is requesting to continue to take water from Third Portage Lake for Milling and reflooding, Wally Lake for reflooding. In addition, Nemo Lake is proposed for freshwater supply to the Whale Tail Camp and Whale Tail Lake (South Basin) for reflooding. The information stipulated below for each water use identified in Block 12 is provided in Table 1 - Quantity and Quality of Water Involved (Block 13), attached to this application form.

For additional information, please refer to the Water Management Plan (Appendix 8.B-2).

Indicate the water source(s). Identify proposed changes:

Location of Nemo Lake, the water source for Whale Tail Camp, is provided on Figure 1.2-1 Site Layout and Infrastructure; Intake shown in Appendix 1-C design drawings and concept layouts.

(show location(s) on map)

Refer to Table 1 Quantity and Quality of Water involved (Block 13) for all subsequent question in this Block.

Does the proposed amendment change the quality of the water source and/or its available capacity?

☒ Yes ☐ No

Describe the quality of the water source(s) and the available capacity(s). Identify any changes

Does the proposed amendment change the overall quantity of water to be used?

☒ Yes ☐ No

Provide the overall estimated quantity to be used. Identify proposed changes. : _____ m^3/day
Refer to Volume 2 Type A Amendment - Freshwater use, Table 2.4 -2.

Does the proposed amendment change the quantity of water to be used from each source?

☒ Yes ☐ No

Provide the estimated quantity(s) of water to be used from each source. Identify proposed changes. :

_____

Does the proposed amendment change the quantity of water to be used for each purpose?

☒ Yes ☐ No

Provide the estimated quantities to be used for each purpose (camp, drilling, etc.). Identify proposed changes. _____

Does the proposed amendment change the method(s) of extraction? ☐ Yes ☒ No

Describe the method(s) of extraction. Identify proposed changes. _____

Does the proposed amendment change the quantity(s) of water returned to source(s)?

☒ Yes ☐ No

Estimated quantity(s) of water returned to source(s). Identify proposed changes:_____ m^3/day

Does the proposed amendment change the quality(s) of water returned to source(s)?

☒ Yes ☐ No

Describe the quality(s) of water(s) returned to source(s). Identify any changes. : _____

14. WASTE

Check the appropriate box(s) to indicate the types of waste(s) approved in the existing licence.
Based on 2015 licence renewal

- ☒ Sewage
- ☒ Solid Waste
- ☒ Hazardous
- ☒ Bulky Items/Scrap Metal
- ☐ Animal Waste
- ☒ Other (describe): _____
- ☒ Waste oil
- ☒ Greywater
- ☒ Sludges
- ☒ Contaminated soil and/or water

Does the proposed amendment change the type(s) of waste(s) to be generated or deposited?

☐ Yes ☒ No

If Yes, indicate using the boxes below, the proposed change(s) to the type(s) of waste(s) to be generated and/or deposited noting the addition, removal or continued generation and/or disposal of waste(s).

- ☒ Sewage
- ☒ Solid Waste
- ☒ Hazardous
- ☒ Bulky Items/Scrap Metal
- ☐ Animal Waste
- ☒ Other (describe): **Tailings, Waste Rock, Overburden, Ash**
- ☒ Waste oil
- ☒ Greywater
- ☒ Sludges
- ☒ Contaminated soil and/or water

15. QUANTITY AND QUALITY OF WASTE INVOLVED

The information stipulated below for each waste deposit identified in Block 14 is provided in Table 2 - Quantity and Quality of Waste Involved (Block 15), attached to this application form.

For additional information, please refer to the Table 8.2-1: List of Monitoring, Mitigation, and Management Plans

Does the proposed amendment change the quantity(s) of the types of wastes involved?

☒ Yes ☐ No

Does the proposed amendment change the composition(s) of the types of wastes involved?

☒ Yes ☐ No

Does the proposed amendment change the method(s) of treatment for the types of waste involved?

☒ Yes ☐ No

Does the proposed amendment change the method(s) of disposal for the types of waste involved?

☒ Yes ☐ No

If Yes to any of the above, describe the proposed changes: _____

For each type of waste indicated in Block 14, describe its composition, quantity in cubic meters/day, method of treatment and method of disposal.

16. OTHER AUTHORIZATIONS

Does the proposed amendment change the need for other authorizations in addition to the sub-surface and surface land use authorizations provided in Block 6?

☒ Yes ☐ No

If Yes, indicate any additional authorizations required, which authorizations are no longer required, and which authorizations continue to be required.
Refer to Appendix 1-B for complete list of permits, licenses and authorizations (includes dates of issuance and expiry)

Refer to Volume 1, Section 1.1.5, Section 1.1.6 and Section 1.1.10 which provides overview of regulatory regime, land tenure and other authorizations which may be required, respectively.

For each provide the following:

Authorization:
Administering Agency:
Project Activity:
Date (expected date) of issuance: _____ Date of expiry: _____

17. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES

Does the proposed amendment change the predicted environmental impacts of the undertaking or the mitigation measures?

☒ Yes ☐ No

Describe direct, indirect, and cumulative impacts related to water and waste. Identify any changes.
The existing Meadowbank Mine impacts (direct, indirect, cumulative) were evaluated in the Cumberland 2005 FEIS can be found at the following link:

ftp://ftp.nirb.ca/02-REVIEWS/COMPLETED%20REVIEWS/03MN107-MEADOWBANK%20GOLD%20MINE/02-REVIEW/09-FINAL%20EIS/02-FEIS/

Likewise mitigation and monitoring was proposed and implemented consistent with the Project Certificate and various permits, authorization and licenses including the Type A Water Licence.

In support of the environmental review, baseline data have been collected to document existing conditions and to provide the foundation for a qualitative and quantitative assessment of the Project operations and the extension of the mine. Results have been provided in the joint submission to the NIRB/NWB.

A summary of the FEIS for the Project is provided in Volume 2, Section 2.2.

A detailed summary of impact in form of pathway analysis for each environmental component are provided in Appendix 3-C. The pathway tables describe the direct (Primary), indirect (Secondary) and no linkage pathways associated with Project activities and impacts. Full evaluation of direct impacts including mitigation measures are provided in Volume 4 through Volume 7.

- **Volume 3 – Assessment Methods;**
- **Volume 4 – Atmospheric Environment;**
- **Volume 5 – Terrestrial Environment;**
- **Volume 6 – Freshwater Environment;**
- **Volume 7 – Human Environment; and**
- **Volume 8 – Monitoring, Mitigation and Management Plans.**

Volume 3 highlights the assessment methods used and includes Agnico Eagles approach to assessment of cumulative effects (Refer to Section 3.5.2). The cumulative effects assessment is provided in Appendix 3-D.

For description of the physical environment and summary of impacts related to surface water quantity and surface water quality refer to Section 2.2.2.2.4 and Section 2.2.2.5, respectively. For detailed assessment results related to Water and Waste refer to Volume 4 through 7.

The results of the environmental assessment found that with mitigation, the Project will not cause long-term significant negative effects as a result of proposed construction, operations, and closure.

Agnico Eagle has developed monitoring and management programs required to mitigate, monitor, and report on its environmental performance against the regulatory requirements contained within its Meadowbank operating authorizations, permits, licenses, and leases consistent with the legal requirements of applicable Acts and Regulations in Nunavut. Existing Meadowbank Mine management and monitoring plans have been updated or addendums have been added to reflect the Project. Refer to Volume 8 of the submission.

The pathway analysis tables (Appendix 3-C) developed for each environmental component includes environmental design features and mitigation as well as rationale for classification of impact.

For water related components refer to:

- **Table 3-C-4 hydrogeology**
- **Table 3-C-5 hydrology**
- **Table 3-C-6 surface water quality**

Waste related components have been integrated into all pathway analysis tables.

18. WATER RIGHTS OF EXISTING AND OTHER WATER USERS

Was compensation paid and/or an agreement(s) for compensation been entered into with any existing or other users of water during consideration of the existing licence?

☒ Yes ☐ No

If Yes, provide the names, addresses and the nature of water use by those persons or properties.

Water compensation agreement in place between Agnico Eagle and the Kivalliq Inuit Association. (See block 19 below). Agnico Eagle knows of no other water rights that must be secured for the proposed Project.

Does the proposed amendment adversely affect any known persons or property including those that hold licences for water use in precedence 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?

☐ Yes ☒ No

If Yes, provide the names, addresses and the nature of water use of those persons or properties.

Advise the Board if compensation has been paid and/or an agreement(s) for compensation has been reached with any existing or other water users with respect to the proposed amendment.

(See block 19 below)

19. INUIT WATER RIGHTS

Was compensation paid/ or an agreement(s) for compensation been entered into with any Designated Inuit Organization (DIO) during consideration of the existing licence?

☒ Yes ☐ No

If Yes, which DIO(s): **Kivalliq Inuit Association (KIA)**

Does the proposed amendment substantially affect the quality, quantity or flow of waters flowing through Inuit Owned Land (IOL)?

☒ Yes ☐ No

If Yes, 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 DIO(s) with respect to the proposed amendment.

Agnico Eagle signed a Water Compensation Agreement for the Meadowbank Mine with the KIA in accordance with the requirements of Article 20 of the NLCA. It is expected that these agreements (i.e., wildlife agreement and water compensation agreement) will be revised during the regulatory process to cover the development of the proposed Project.

Agnico Eagle is aware that the NWB is precluded from issuing a water licence for the Project if a water compensation agreement has not been reached with the KIA. Because it lies on IOL, the Project can only proceed with the full consent of the Inuit as provided by the KIA.

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.

Public consultation and engagement is a legal requirement in Nunavut, an industry best practice, and an important corporate commitment. Effective public consultation and engagement helps ensure that community members are informed and knowledgeable about

proposed projects, that community support for those projects is more readily obtained, and sustainable development goals are achieved. A key goal of Agnico Eagle's public consultation and engagement program has been to ensure the Company obtains a "social licence to operate", by securing the support of a majority of residents from potentially impacted local communities.

To obtain this goal, a number of process goals have been followed:

- **identification and prioritization of communities and community stakeholder groups;**
- **developing an understanding of key community and stakeholder views regarding the Project;**
- **addressing community and stakeholder issues and expectations;**
- **identifying current and historical patterns of land- and resource-use;**
- **identifying VCs and VSECs;**
- **determining criteria for evaluating the significance of potential impacts;**
- **deciding upon mitigating measures;**
- **formulating compensation packages;**
- **identifying and implementing monitoring measures, including post-project audits; and**
- **continuous improvement.**

Since operation of the Meadowbank Mine began, Agnico Eagle has continued public consultation by meeting with employees local employees that live throughout the Kivalliq, meeting in the community and local stakeholders, and regulatory agencies routinely which has allowed a better general understanding of the rights, interests, values, aspirations, and concerns of the potentially affected stakeholders, with particular reference to the local population. Through this continued consultation Agnico Eagle has developed an operational culture that recognizes and respects these relevant interests in the planning and executing processes.

A record of consultation including government engagement is provided in Volume 2, Table 2-H. Agnico Eagle has and will continue to engage with the KIA and other stakeholders.

21. SECURITY INFORMATION

Does the proposed amendment change the financial security assessment?

☒ Yes ☐ No

Does the proposed amendment change the estimate of the total financial security for final reclamation?

☒ Yes ☐ No

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. Identify any changes in the financial security assessment resulting from the proposed amendment.

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.

Agnico Eagle has prepared an Interim Closure and Reclamation Plan for the Whale Tail Pit as an addendum to the Meadowbank Mine ICRP. An estimate for total security of Whale Tail operations consistent with INAC policy and guidelines is attached as Appendix to the ICRP for Whale Tail. (Refer to Volume 8, Appendix 8-F.1).

The total estimated financial security for the Project is $ 19,831,405.

Consistent with the recent amendments to the NWNSRTA (In force on June 18, 2016) Agnico Eagle as entered into a security agreement with the KIA and INAC. Final approval of the agreement is still pending.

Refer to Volume 2, Section 2.5.2 for additional information on security.

22. FINANCIAL INFORMATION

Is the statement of financial security the same as that considered in the existing water licence?

☒ Yes ☐ No

Provide an updated statement of financial security.
A statement of financial responsibility is provided in Volume 2, Section 2.5.1

A copy of Agnico Eagle's most recent audited financial statements are provided in Volume 1, Appendix 1-A.

If the applicant is a business entity please answer the questions below:

Is the list of the officers of the company the same as those considered in the existing water licence?

☐ Yes ☒ No

Provide a list of the officers of the company.
Current list of officers for Agnico Eagle (as of 18 May 2016):

CEO – Sean Boyd
President – Ammar Al-Joundi

Directors: James D. Nasso; Sean Boyd, Dr. Leanne M. Baker, Martine A. Celej; Robert J. Gemmell, Bernard Kraft; Mel Leiderman, Deborah McCombe, Dr. Sean Riley, J. Merfyn Roberts, Howard Stockford, and Pertti Voutilainen.

Senior Vice-Presidents: David Smith, Donald G. Allan, Alain Blackburn, Picklu Datta, Louise Grondin, Tim Haldane, R. Gregory Laing, Marc Legault, Jean Robitaille, and Yvon Sylvestre.

Vice Presidents: Luis Felipe Medina Aguirre, Lino Cafazzo, Paul Cousin, Mathew Cook, Brian Christie, Patrice Gilbert, Dominique Girard, Guy Gosselin, Ingmar E. Haga, Michel Julien, Michel Leclerc, Christain Provencher, Michael Timmins and Carol Plummer.

Source: http://www.agnicoeagle.com/en/About-Us/Pages/Management.aspx

Refer to Volume 1, Section 1.1.2, Table 1.1-2 for a list of Agnico Eagle key contacts and Table 1.1-3 for a list of consultants and contractors who have provided assistance and support in

preparation of the Application.

Is the Certificate of Incorporation or evidence of registration of the company name the same?

☒ Yes ☐ No

Attach a copy of the Certificate of Incorporation or evidence of registration of the company name.

A Certificate of Incorporation is on file with the NWB.

Certificate of Amalgamation dated August 1, 2007 can be obtained on the NWB public registry at:
http://www.nwb-oen.ca/public/registry/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-MEA1525%20Agnico/1%20APPLICATION/070801%202AM-MEA----%20Certificate%20of%20Articles%20of%20Amalgamation-ILAE.pdf

- **STUDIES UNDERTAKEN TO DATE**

List and attach updated studies, reports, research etc.
The list of key studies, reports and research undertaken for the Project relating to the use of water and disposal of waste is provided below. A full list of studies, reports and research completed for the Project as referenced within the Amendment and supporting documents can be provided upon request.

Baseline studies are provided as supporting documents to Volume 3 through Volume 7. Agnico Eagle has contributed to various research projects since 2008, which are presented in the annual reports and have included but are not limited to research and studies on:

- **Caribou migration;**
- **Falcons and raptors;**
- **Socio Economics in the Kivalliq;**
- **Hunter Harvest Studies;**
- **Acid Rock drainage and Freeze Back of tailings;**
- **Vegetation regrowth in northern climates;**
- **Fisheries disturbance and food chain studies;**
- **Wind power in northern climates; and**
- **Climate Change.**

Volumes 3 to 7 are a series of complementary documents to provide a full understanding of the technical and scientific aspects of the Project, and have leveraged the data collected at Meadowbank to bolster the assessment of the Project:

- **Volume 3 – Assessment Methods;**
- **Volume 4 – Atmospheric Environment;**
- **Volume 5 – Terrestrial Environment;**
- **Volume 6 – Freshwater Environment; and**
- **Volume 7 – Human Environment.**

Furthermore these documents have supported the development of management and mitigation strategies in the:

- **Project Description – Volume 1; and**
- **Final Environmental Impact Statement Amendment;**
- **and in the series of management plans:**
- **Mine Waste Rock and Tailing Management Plan**
- **Water Quality Monitoring and Management Plan for Dike Construction Dewatering**

- **Landfill Design and Management Plan**
- **Water Management Plan**
- **Water Quality and Flow Monitoring Plan**
- **Whale Tail Pit Haul Road Management Plan**
- **Ammonia Management Plan**
- **Meadowbank Bulk Fuel Storage Facility Environmental Performance Monitoring Plan**
- **Emergency Response Plan**
- **Hazardous Materials Management Plan**
- **Shipping Management Plan**
- **Spill Contingency Plan**
- **Air Quality Monitoring Plan**
- **Core Receiving Environment Monitoring Program**
- **Groundwater Monitoring Plan**
- **Conceptual Whale Tail Pit Offsetting Plan**
- **Operational ARD-ML Sampling and Testing Plan**
- **Socio-economics Management and Monitoring Plan**
- **Terrestrial Ecosystem Management Plan**
- **Archaeology Management Plan**
- **Interim Whale Tail Closure and Reclamation Plan**

Provide a compliance assessment and status report including a response to any inspector's reports. The licensee must contact the NWB for licence specific direction in completing the assessment and report.

A record of compliance to the existing water licence has been provided in Volume 2 Appendix 2-K which include a response to any inspector reports.

If in non-compliance, a licence may not be issued until compliance is achieved. If in non-compliance, attach plans/reports for consideration. Application will not be processed if significant issues of non-compliance exist.

23. PROPOSED TIME SCHEDULE

When are proposed amendments scheduled to be undertaken:
The amendment is to extend Meadowbank mining operations past Q3 2018 to include Whale Tail Pit. Agnico Eagle proposes to begin construction as soon as permits are received (as early as July 1, 2017), for operations to begin in 2019 and closure until 2029.

Does the proposed amendment change the time schedule considered in the existing licence for any phase of development?

☒ Yes ☐ No

The Project will extend the operational phase and closure/post closure phases of the Meadowbank Mine.

Indicate the start and completion dates for each applicable phase of development (construction, operation, closure, and post closure). Identify proposed changes.

Construction

Proposed Start Date: July/ 2017 (month/year) Proposed Completion Date: April/2019 (month/year)

Operation
Proposed Start Date: April/2019 (month/year) Proposed Completion Date: Dec/2022 (month/year)
Closure
Proposed Start Date: Dec/2022 (month/year) Proposed Completion Date: Dec/2029 (month/year)
Post - Closure
Proposed Start Date: Dec/2029 (month/year) Proposed Completion Date: to be determined (month/year)

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
☐ Winter ☐ Spring ☐ Summer ☐ Fall ☒ All season

Post - Closure
☐ Winter ☐ Spring ☐ Summer ☐ Fall ☒ All season

24. PROPOSED TERM OF LICENCE

On what date does the existing licence expire? July 22, 2025

Is the Licensee applying for a combined renewal and amendment of the existing licence?

☐ Yes ☒ No

If Yes, indicate the proposed term of the renewal (maximum of 25 years):

Requested date of renewal issuance: July 1, 2017 (month/year) Requested Expiry Date: July 22, 2025 (month/year)

(The requested date of renewal 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)

25. ANNUAL REPORTING

Will the proposed amendment change the content of annual reports or the annual report template?

☒ Yes ☐ No

If Yes, provide details regarding the content of annual reports and a proposed outline or template of the annual report.

Agnico Eagle acknowledges that annual reporting requirements may change as a result of the reconsideration of the Project Certificate and approval of an amended Type A Water Licence. As such Agnico Eagle will comply with the reporting format stipulated in the amended Type A Water Licence. The Existing Annual Reporting requirements and format will also be considered.

26. CHECKLIST

The following must be included with the application for Amendment for the water licensing process to begin.

Completed Application for Water Licence Amendment form.

☒ Yes ☐ No If no, date expected _____

Information addressing Supplement Information Guideline (SIG), where applicable (see Block 11)

☒ Yes ☐ No If no, date expected _____

Compliance Assessment / Status Report (see Block 23).

☒ Yes ☐ No If no, date expected _____

Indication of Renewal Requirement (see Block 26)

☒ Yes ☐ No If no, date expected _____

English Summary of Amendment Application.

☒ Yes ☐ No If no, date expected _____

Inuktitut and/or Inuinnaqtun Summary of Amendment Application.

☒ Yes ☐ No If no, date expected _____

Application fee of $30.00 CDN (Payee Receiver General for Canada).

☒ Yes ☐ 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.

☐ Yes ☒ No If no, date expected

As per *Nunavut Water* Regulations water use fees payable to the Crown or Receiver General for Canada are not required given the Project is on Inuit Owned Land.

27. SIGNATURE

Name (Print)	Title (Print)	Signature	Date
Ryan Vanengen	Environment Superintendent		June 30, 2016

TABLE 1: QUANTITY AND QUALITY OF WATER INVOLVED (BLOCK 13)

The information below is a basic summary of the requirements of Block 13; for full details please refer to the Water Management Plan (Appendix 8-B.2) and the Volume 1, Project Description submitted in support of the this application.

	Camp and Industrial	**To cross a watercourse**	**To modify the bed or bank of a watercourse**	**To alter the flow of or store water; to divert a watercourse; flood control**	**Dewatering Lakes; Impacting Ponds**	**Groundwater**
Name of Water Source	• Nemo Lake • Whale Tail Lake		Banks and beds may be altered at road crossings	3 diversions channels, 4 berms, and 7 water passage culverts will be constructed to manage water on site (see Section 3.1.2 of Water Management Plan)	• 1 lake will be partly dewatered: A17 -Whale Tail Lake (North Basin) • Whale Tail Lake (South Basin) is diverted in Mammoth Lake • 4 ponds will be incorporated into collection ponds (see Table 3.1 in Water Management Plan)	Groundwater
Quality of the water source and the available capacity	Freshwater	N/A	N/A	N/A	N/A	Saline
Estimated quantity of water to be used from each source for each purpose (m^3/day)	• Potable water: the design flow rate for the camp water is 84 m^3/day. • The remaining water would be used for industrial purposes such as drilling, freshwater make up in the processing plant, explosives manufacture, concrete production and dust suppression. • 8,760 m^3/year (24 m^3/day) will be required during construction phase, • 118,625 m^3/year (325 m^3/day) will be required during operation phase. • 17,520 m^3/year (48 m^3/day) will be required during closure phase • approximately 3,000,000 m^3/year (assumed pumping rate is 30,0000 m^3/day) to fill the mined-out open pits at closure. Water will only be pumped during open water season.	N/A	N/A	N/A	• An estimated volume of 3,400,000 m^3 will be dewatered from the A17	N/A
Method of Extraction	Freshwater will be sourced from Whale Tail and Nemo Lakes through a freshwater intake and pump system.	N/A	N/A	N/A	Pumping	Pumping
Quantity (m^3/day) and quality of water returned to each source	• The average discharge volume to Mammoth Lake is predicted to be 420,000 m^3/year. Water will be discharged in the open water season only (mid-June to September). • During operations contact water will be treated to meet effluent water quality criteria before discharge as per conditions Part F Item 3 in the Type A water licence 2AM MEA1525.	N/A	N/A	N/A	N/A	Passive inflow in open-pit is currently estimated at 195 m^3/day starting in Year 1 (2019) and decreasing to 65 m^3/day at the end of operations. Groundwater will be mixed with contact water in Whale Tail Attenuation Pond.

[a] Refer to Volume 6, Appendix 6-N.

TABLE 2: QUANTITY AND QUALITY OF WASTE INVOLVED (BLOCK 15)

Type of Waste	Composition	Quantity Generated	Treatment Method	Disposal Method
Tailings	Potentially Acid Generating (PAG) and low potential for metal leaching in the long-term	8.3 million tonnes (Mt)	None	Meadowbank Tailing Storage Facility (TSF)
Waste Rock	Variable potential for acid generating and for metal leaching. Construction material will be NPAG.	46.1Mt	None	Waste Rock Storage Facilities (WRSF)
		2.1 Mt		Used for construction
Overburden	No potential acid generating, low potential for metal leaching	5.6 Mt	None	Temporary storage in overburden stockpile and co-disposed within WRSF; may be used for closure and site reclamation
Domestic Solid Waste / Bulky Items	Non-salvageable, non-hazardous, non-putrescible solid wastes	Construction and Operations: 8,226 m^3 Closure and Decommissioning: 50,774 m^3	None	Landfill
Ash From The Incinerator	N/A	N/A	N/A	N/A
	N/A			N/A
Putrescible Solid Waste / Medical Wastes / Other Wastes	Organic matter including food, food containers and wrappings; Medical waste from the Health Care Station; Paper and cardboard; Hydrocarbon spill absorbents; Plastics (without chlorine) and Styrofoam	Construction and Operations: 2,980 m^3 Closure: 294 m^3	Modern, controlled-air, batch, dual chamber incinerator. The batch cycle will be approximately 6-10 hours for the burn cycle and 6-8 hours for the cool-down. Located at Meadowbank Mine Camp.	Transported to Meadowbank Mine for Incineration
Animal Waste	Deceased animals	Accidental death of animals on site or along the AWAR	Incineration	Transported to Baker Lake GN officer or as directed sent to Meadowbank Mine for Incineration
Used Oil and Waste Fuel	Waste oil meeting regulatory criteria	365,000 L/year – Same as Meadowbank for 2015	Incineration or consumed in waste oil furnaces	Transported to Meadowbank Mine for Incineration or consumed in waste oil furnaces; excess oil may be sent south for disposal at a certified disposal facility.
	Waste oil not meeting impurity limits or having a flash point less than 37.7°C		None	Shipped off-site to a certified waste disposal facility
Recycling Materials/ Scrap Metal	Alkaline and rechargeable batteries; obsolete computer equipment; fluorescent light bulbs; scrap metal	N/A	None	Shipped off-site to a recycling facility
Contaminated Soil/Snow	Soils, rock, ice, and snow contaminated by light hydrocarbons	Construction and Operations: 1,156 m^3 Closure and Decommissioning: 289 m^3	Bioremediation	Transported to Meadowbank Mine Landfarm
Hazardous Wastes	Acids, emulsifiers, ammonium nitrate, gas wastes, solvents, water/effluent treatment chemicals, various additives	Total of 1,510 m^3 and 91 seacans over the Project life	None (on-site)	Shipped off-site to a licensed hazardous waste management facility for treatment and disposal
Sewage and Greywater	From camp and change room facilities	72 m^3/day	Biological reactor or equivalent treatment system	Discharge to Whale Tail Attenuation Pond.
Sewage Sludge	From sewage treatment plant	Total of 72 m^3	Sewage sludge will continue or used for nutrient enrichment at the existing landfarm, with excess disposed of in the Meadowbank Tailings Storage Facility.	Will be disposed of in the Meadowbank Mine Landfarm or TSF
Contaminated Water	Effluent discharge	The average annual discharge volume to Mammoth Lake is predicted to be 420,000 m^3/year.	If required, the water will be treated prior to discharge.	Discharge to Mammoth Lake via the diffuser