

Appendix 2

Meadowbank 2019 Mine Plan



AGNICO EAGLE

MEADOWBANK GOLD PROJECT

**Production Lease KVPL08D280
2019 Mine Plan**

December 2018

EXECUTIVE SUMMARY

Condition 5.09 of Production Lease KVPL08D280 for the Meadowbank Gold Project states:

On or before January 1st in each year of the Term, Agnico Eagle shall deliver to KIA its annual Mine Plan for the next calendar year, detailing at least the following:

- (i) a description of the activities and work that Agnico Eagle proposes to perform in that year on the Leased Land, together with a listing of major equipment to be brought onto the Leased Land; and*
- (ii) a description of the topographical features and any natural or manmade features, structures, works and waters that may be affected.*

This document presents the 2019 Annual Mine Plan for the Meadowbank Gold Project.

The Meadowbank gold mine began the operation phase of the project in February 2010, and thus, is entering its tenth year of operations. In addition to routine activities throughout the 2019 season, a number of secondary construction/modification projects will be undertaken near the main mine site area and Vault area. Tailings will be deposited in the South Cell and the North Cell of the TSF until the in-pit deposition project is approved. Additional construction might be required in 2019 in the South Cell and North Cell depending on the in-pit approval status.

Environmental monitoring (wildlife, aquatic effects, groundwater, noise and air) will continue through 2019 in support of all operational undertakings at the Meadowbank site as required by the NWB Type A Water License 2AM-MEA1526, NIRB Project Certificate No.004, DFO authorizations and MMER regulations.

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SECTION 1 • INTRODUCTION

The Meadowbank gold mine began the operation phase of the project in February 2010, and thus, is entering its tenth year of operations. In addition to routine activities throughout the 2019 season, a number of secondary construction/modification projects will be undertaken near the main mine site area and Vault area. Tailings will be deposited in the South Cell and the North Cell of the TSF until the in-pit deposition project is approved. Additional construction might be required in 2019 in the South Cell and North Cell depending on the in-pit approval status. Once the in-pit project is approved, Agnico Eagle will use Goose Pit for the tailings disposal.

The following sections outline the exploration, construction, operation and environmental activities planned for 2019 at the Meadowbank Gold Project, conducted in accordance with Production Lease KVPL08D280.

SECTION 2 • 2019 PLANNED EXPLORATION ACTIVITIES

The 2019 exploration program for the Meadowbank Gold Project area will be conducted by the Exploration Division of Agnico Eagle Mines Ltd. Consequently, this work will be performed under KIA Commercial Exploration Lease KVCL303H305.

SECTION 3 • 2019 PLANNED CONSTRUCTION ACTIVITIES

Construction activities at the Meadowbank mine are mainly completed. There are a number of secondary projects and modifications to existing infrastructure that will continue in 2019, including progressive reclamation of the site, such as the capping of the North Cell with non-potentially acid generator (NPAG) material.

3.1 DIKE CONSTRUCTION AND TAILINGS MANAGEMENT

Tailings will be deposited in the South Cell and the North Cell of the TSF until the in-pit deposition project is approved. Additional construction might be required in 2019 in the South Cell and North Cell depending on the in-pit approval status. Dike construction and water management activities will include the following:

- Continue capping with NPAG a portion of the North tailings cell;
- Continue using the North Cell and South cell for tailings deposition;
- In-pit deposition in Goose Pit (once in-pit deposition approval is received)
- Transfer of water from Goose Pit to Pit A (once in-pit deposition approval is received)
- Construction of Central Dike – Phase 7 (if deemed necessary based on in-pit approval);
- Construction of the Saddle Dam 3 – Phase 4 (if deemed necessary based on in-pit approval);
- Construction of the Saddle Dam 4 – Phase 4 (if deemed necessary based on in-pit approval);
- Construction of the Saddle Dam 5 – Phase 4 (if deemed necessary based on in-pit approval);
- Construction of North Cell Internal Structure Phase 2 (if deemed necessary based on in-pit approval)

SECTION 4 • 2019 PLANNED OPERATION ACTIVITIES

4.1 MINING PLAN

In 2019, the Agnico Eagle mining plan is to operate Portage and Vault pits at the Meadowbank mine site. A total of 2.6 Mt of rock will be hauled from these two pit areas during the year. The mine plan consists of moving 2.0 Mt of waste rock and 0.6 Mt of ore from the open pits, and 1.2 Mt of ore from the stockpiles.

1.95 Mt of material will be mined out from Portage pit. A total of 0.64 MT of material will be mined out of the Vault pit area (including Phaser and BB Phaser).

4.1.1 Portage Pit

The Ultimate Phase of Portage Pit will be depleted by end of Q3 2019.

The mine plan in Portage for next year is to move 1.95 Mt of rock from which 1.5 Mt will be waste and 0.45 Mt will be ore. The ore coming from Portage will have an average of 2.81 g/t. The Portage stockpiles will feed the mill with 0.17 Mt of ore at a grade of 1.98 g/t.

4.1.2 Goose Pit

Goose pit was completely depleted in 2014, so therefore no production / mining is planned in 2019 under the current LOM.

4.1.3 Vault Pit

The mine plan for 2019 in Vault (excluding Phaser and BB Phaser) is to mine 0.07Mt of rock, from which 0.02 Mt will be waste and 0.05 Mt will be ore with an average mined ore grade of 3.05 g/t. Vault Pit will be completed by Q1 2019.

The Mine is located approximately 9 km North East of the Portage Pit Area. The Vault stockpiles will feed the mill with 0.17 Mt of ore at a grade of 1.21 g/t.

4.1.4 Phaser and BB Phaser Pit

Phaser pit was completely depleted in 2018, so therefore no production / mining is planned in 2019 under the current LOM.

In 2019, BB Phaser will account for 0.57 Mt of mining, from which 0.47 Mt will be waste and 0.10 Mt will be ore with an average ore grade of 2.43 g/t. BB Phaser will be depleted by end of Q2 2019.

Table 4.1 shows the 2019 Mine production schedule of Meadowbank on a quarterly basis.

Table 4-1 Mine Production Schedule

		Q1 2019	Q2 2019	Q3 2019	Q4 2019	2019
Total Portage						
Total Ore Mined	T	270,403	129,138	48,524		448,065
Ounces	oz.	25,176	12,041	3,278		40,494
Grade	(g/t)	2.90	2.90	2.10		2.81
Overburden	T	-	-	-		-
Waste	T	982,547	424,662	92,738		1,499,946
Total	T	1,252,950	553,800	141,261		1,948,011
Total Vault						
Total Ore Mined	T	111,236	37,823			149,059
Ounces	oz.	9,350	3,132			12,481
Grade	(g/t)	2.61	2.58			2.60
Overburden	T	-	-			-
Waste	T	391,178	97,262			488,440
Total	T	502,413	135,086			637,499
Total MBK Pits						
Total Ore Mined	T	381,639	166,961	48,524	-	597,124
Ounces	oz.	34,525	15,172	3,278	-	52,975
Grade	(g/t)	2.81	2.83	2.10		2.76
Overburden	T	-	-	-	-	-
Waste	T	1,373,724	521,924	92,738	-	1,988,386
Total	T	1,755,363	688,886	141,261	-	2,585,510
Total Mined Stockpiles						
Total Ore Mined	T	653,559	486,698	23,003	-	1,163,260
Ounces	oz.	44,391	18,420	1,528	-	64,339
Grade	(g/t)	2.11	1.18	2.07		1.72
Ore Processed						
Total Ore	T	1,035,198	653,659	71,527	-	1,760,384

*Ore mined from pits and stockpiles differs from ore processed on any given period due to additions and subtractions from stockpiles.

4.2 WASTE ROCK MANAGEMENT PLAN

The Waste Management Plan for 2019 is to maximize rock storage facility (RSF) utilization and minimize haulage cycle times which will, in turn, minimize the greenhouse gas emissions and impact on the environment.

The potentially acid generator (PAG) material from Portage pit will be moved to various rock storage facilities; the central infill storage, the pit E infill storage (located just to the south of the central infill storage), and the PAG waste storage.

The majority of the non-potentially acid generator (NAG) material from Portage pit will be sent to the Portage NAG stockpiles. Some capping of the Portage Storage Facility will also occur.

Some construction projects will also require NAG material such as the North cell capping.

The Vault Rock Storage Facility will store the majority of the NAG material from Vault pit. It is expected that almost all the material from Vault pit will be NAG, if any PAG rock is found it will be placed in the core area of the storage to ensure proper capping with NAG material. Some material will be stockpiled in the Vault backfill and Phaser backfill storage as space becomes available.

4.3 EQUIPMENT

Table 4-2 lists the equipment currently at Meadowbank. New equipment brought to site in 2019 in the current LOM are shaded in the table below.

Table 4-2 Equipment currently at Meadowbank

Manufacturer	Unit Number	Model	Description
CATERPILLAR	61BAC03	307	BACKOE CATERPILLAR 307
CATERPILLAR	61BAC04	330	BACKOE CATERPILLAR 330D
CATERPILLAR	61BAC05	345D	BACKOE CATERPILLAR 345DQ
CATERPILLAR	61BAC06	385C	BACKOE CATERPILLAR 385C
CATERPILLAR	61BAC07	345D	BACKOE CATERPILLAR 345DL
KOMATSU	61BAC08		BACKOE PC1250 KOMATSU
CATERPILLAR	61BAC09		BACKOE 390DL CATERPILLAR
TEREX	61BAC11	RH120	BACKOE BUCYRUS RH120-E
CATERPILLAR	61BAC13		BACKOE CAT6030
CATERPILLAR	61BAC14	6020B	BACKOE CAT 6020B
CATERPILLAR	61DOZ01	D8T	DOZER D8T CATERPILLAR
CATERPILLAR	61DOZ02	D9T	DOZER D9T CATERPILLAR
CATERPILLAR	61DOZ03	D8R	DOZER D8R CATERPILLAR
CATERPILLAR	61DOZ05	D9T	DOZER D9T CATERPILLAR
CATERPILLAR	61DOZ06	D9T	DOZER D9T CATERPILLAR
CATERPILLAR	61DOZ07	D9T	DOZER D9T CATERPILLAR
CATERPILLAR	61DOZ08	834H	DOZER 834H CATERPILLAR
CATERPILLAR	61DOZ09		DOZER D6T CATERPILLAR
CATERPILLAR	61GRA01	16H	MOTOR GRADER 16H CAT
CATERPILLAR	61GRA02	160H	MOTOR GRADER 160H CAT
CATERPILLAR	61GRA03	16M	MOTOR GRADER 16M CAT
CATERPILLAR	61GRA04	16M	MOTOR GRADER 16M CAT
CATERPILLAR	61GRA05	16M	CATERPILLAR GRADER 16M
CATERPILLAR	61GRA06	16M	CATERPILLAR GRADER 16M
INDIRECT FIRED	61HEA50	IDF500	FROST-FIGHTER IDF-500
INDIRECT FIRED	61HEA51	IDF500	FROST-FIGHTER IDF-500
CATERPILLAR	61HTR01	777F	HAUL TRUCK 100T CATERPILLAR
CATERPILLAR	61HTR02	777F	HAUL TRUCK 100T CATERPILLAR
CATERPILLAR	61HTR03	777F	TOW HAUL 120T

CATERPILLAR	61HTR04	777F	HAUL TRUCK 100T CATERPILLAR
CATERPILLAR	61HTR05	777F	HAUL TRUCK 100T CATERPILLAR
CATERPILLAR	61HTR06	777F	HAUL TRUCK 100T CATERPILLAR
CATERPILLAR	61HTR08	777F	HAUL TRUCK 100T CATERPILLAR
CATERPILLAR	61HTR09	773E	HAUL TRUCK 50T CATERPILLAR
CATERPILLAR	61HTR14	777F	HAUL TRUCK 777F CATERPILLAR
CATERPILLAR	61HTR15	773D	WATER TRUCK 773D CATERPILLAR
CATERPILLAR	61HTR20	785B	HAUL TRUCK 150T CATERPILLAR
CATERPILLAR	61HTR21	785B	HAUL TRUCK 150T CATERPILLAR
CATERPILLAR	61HTR22	785B	HAUL TRUCK 150T CATERPILLAR
CATERPILLAR	61HTR23	785D	HAUL TRUCK 150T CAT 785D
CATERPILLAR	61HTR24	785D	HAUL TRUCK 150T CAT 785D
CATERPILLAR	61HTR25	785D	HAUL TRUCK 150T CAT 785D
CATERPILLAR	61HTR26	785C	HAUL TRUCK 150T CAT 785C
CATERPILLAR	61HTR28	785C	HAUL TRUCK 150T CAT 785C
CATERPILLAR	61HTR29	785D	HAUL TRUCK 150T CAT 785D 2011
CATERPILLAR	61HTR30	785D	HAUL TRUCK 150T CAT 785D 2011
CATERPILLAR	61HTR31	785D	HAUL TRUCK 150T CAT 785D
CATERPILLAR	61HTR32	785D	HAUL TRUCK 150T CAT 785D
CATERPILLAR	61HTR33	785D	HAUL TRUCK 150T CAT 785D
CATERPILLAR	61HTR34	785D	HAUL TRUCK 150T CAT 785D
CATERPILLAR	61HTR35	AD30	U/G HAUL TRUCK CAT AD30
KENWORTH	61LHT02	C500	KENWORTH TRUCK C500 6X6
KENWORTH	61LHT03	C500	KENWORTH TRUCK C500 6X6
KENWORTH	61LHT04	C500	KENWORTH TRUCK C500 6X6
KENWORTH	61LHT05	C500	KENWORTH TRUCK C500 6X6
KENWORTH	61LHT06	C500	KENWORTH TRUCK C500 6X6
KENWORTH	61LHT07	C500	KENWORTH TRUCK C500 6X6
CATERPILLAR	61LOA01	IT14G	LOADER IT14G CAT
CATERPILLAR	61LOA02	IT14G	LOADER IT14G CAT
CATERPILLAR	61LOA03	992G	LOADER 992G CATERPILLAR
CATERPILLAR	61LOA04	992G	LOADER 992G CATERPILLAR
CATERPILLAR	61LOA05	420EIT	LOADER 420E IT CAT (PEPINE)
CATERPILLAR	61LOA06	966H	LOADER 966H CATERPILLAR
JOHN DEERE	61LOA08	TC44H	LOADER TC44H JOHN DEERE
CATERPILLAR	61LOA09	966H	LOADER 966H CATERPILLAR

CATERPILLAR	61LOA10	980H	LOADER 980H CATERPILLAR
CATERPILLAR	61LOA11	420E	LOADER 420E CATERPILLAR
CATERPILLAR	61LOA12	980H	LOADER 980H CATERPILLAR
CATERPILLAR	61LOA13	992K	WHEEL LOADER 992K CATERPILLAR
CATERPILLAR	61LOA15	980K	LOADER 980K CATERPILLAR
CATERPILLAR	61LOA16	IT14G	LOADER IT14G CATERPILLAR
CATERPILLAR	61LOA18	966H	LOADER 966H CATERPILLAR
CATERPILLAR	61LOA19	9980K	LOADER 980K CATERPILLAR
GODWIN	61PWA69501	HL250	WTP FEED PUMP
GODWIN	61PWA69502	HL250	WTP FEED PUMP
GODWIN	61PWA69503	CD203	WTP WINTER FEED PUMP
GODWIN	61PWA69504	CD203	WRSF TRANSFER PUMP
GODWIN	61PWA69505	CD203	CAMP BASIN TRANSFER PUMP
GODWIN	61PWA69506	HL250	NE POND TRANSFER PUMP
FORD MOTOR COMPANY	61PCK91	F250	PICK-UP F250
FORD MOTOR COMPANY	61PCK92	F250	PICK-UP F250
FORD MOTOR COMPANY	61PCK93	F250	PICK-UP F250
FORD MOTOR COMPANY	61PCK94	F250	PICK-UP F250
FORD MOTOR COMPANY	61PCK95	F250	PICK-UP F250
ATLAS COPCO	61RBD01	DM45	ROTARY BLAST DRILL 6" ATLAS
ATLAS COPCO	61RBD02	DM45	ROTARY BLAST DRILL 6" ATLAS
ATLAS COPCO	61RBD03	DM45	ROTARY BLAST DRILL 6" ATLAS
ATLAS COPCO	61RBD05	CM785	LONG HOLE DRILL CM785
ATLAS COPCO	61RBD06	DML	DML DRILL 6" ATLAS
ATLAS COPCO	61RBD07	DML	DML DRILL 6" ATLAS
ATLAS COPCO	61RBD08	DML	DML DRILL 6" ATLAS
LARUE	61SBL04	T85-R52	SNOWBLOWER T85-R52
BOBCAT	61SKD06	S70	SKID STEER S70
KENWORTH	61TRK47	C500	DRAMIS TRUCK C500 10X10
KENWORTH	61TRK50	T800	MECHANICAL T800 SERVICE TRUCK
TEMISKO	61TRL32		SIDE DUMP B-TRAIN TRAILER LEAD
TEMISKO	61TRL33		SIDE DUMP B-TRAIN TRAILER LEAD
TEMISKO	61TRL34		SIDE DUMP B-TRAIN TRAILER LEAD
TEMISKO	61TRL35		SIDE DUMP B-TRAIN TRAILER LEAD
TEMISKO	61TRL36		SIDE DUMP B-TRAIN TRAILER LEAD
TEMISKO	61TRL37		SIDE DUMP B-TRAIN TRAILER LEAD

TEMISKO	61TRL38		SIDE DUMP B-TRAIN TRAILER REAR
TEMISKO	61TRL39		SIDE DUMP B-TRAIN TRAILER REAR
TEMISKO	61TRL40		SIDE DUMP B-TRAIN TRAILER REAR
TEMISKO	61TRL41		SIDE DUMP B-TRAIN TRAILER REAR
TEMISKO	61TRL42		SIDE DUMP B-TRAIN TRAILER REAR
TEMISKO	61TRL43		SIDE DUMP B-TRAIN TRAILER REAR
TEMISKO	61TRL45		130T OFF ROAD LOW BOY

SECTION 5 • MONITORING

5.1 WILDLIFE MONITORING

5.1.1 Harvest Study (Condition of Project Certificate)

The Hunter Harvest Study (HHS), through regular visits, has contributed to developing a strong relationship with local harvesters, the HTO and GN Department of Environment (DOE). The purpose of the HHS is to monitor and document the spatial distribution, seasonal patterns, and harvest rates of hunter kills and angler catches within the Meadowbank Local Study Area (LSA).

A Hunter Harvest Study committee was planned to be initiated in 2018 as stated in the 2018 Mine Plan. The intention to have a community led program was slower to implement than originally planned. Third party projects presented within the community created confusion and dispersed availability of resources within the proposed HHS committee.

Research alternatives were also assessed and discussions held with ARCTICConnexion and ELOKA, for example, to develop a program that would be led and managed by the community stakeholders and make harvest data collecting more efficient. This would have ensured that data within the program would have been shared and accessible for all participants and make data collecting silos, where every party collects data without sharing, obsolete. Unfortunately, limited resource availability made moving forward in this path impossible in 2018.

Agnico Eagle has also contracted consultants to assess alternative methods of collecting data for the HHS and feasibility of re-starting the study in 2018 but the tight timeline for implementation combined with multiple similar projects within the community on data collection (community base water monitoring programs, watershed studies, MWMB Harvester recruitment) caused resources to be spread. Thus Agnico Eagle decided to hold its HHS strategy to not add confusion and impact community based projects.

Agnico Eagle is already started planning the 2019 HHS, ultimately, if alternatives are not satisfactory, the pre-existing HHS would be re-started in time for Caribou migration. This would ensure also consistency in data collected.

5.1.2 Habitat mapping

The habitat mapping monitoring program was developed to describe the overall area of different Ecological Land Classification (ELC) units lost due to mine-related activities at three primary locations: Main and Vault sites (which together encompass the mine site), and the AWAR. The primary objective of the habitat mapping monitoring program is to confirm that estimated habitat losses associated with mine site and AWAR construction have not exceeded the threshold limits identified in the TEMP plus approved extensions. Agnico Eagle plans to do a habitat mapping in 2019.

5.1.3 Breeding Bird Plot Surveys (Condition of Project Certificate)

The breeding bird PRISM plot monitoring program has been designed to evaluate potential project-related changes in breeding bird species abundance, richness and diversity over time and is one component of the larger monitoring strategy to evaluate the success of mitigation measures to minimize the amount of vegetation that is removed or degraded by the project. The next set of PRISM plot surveys is planned for 2019.

In accordance with the TEMP, breeding bird plot monitoring was completed for at least the first three years of mine operation (2010 to 2012). PRISM plot surveys were conducted in 2015 and 2018. No significant changes have been identified between mine site and control plots and impact prediction thresholds have not been exceeded.

The breeding bird transect monitoring program was conducted during the AWAR construction period (2005 to 2007) and for four years during operation (2008 to 2011). The bird transect monitoring program was suspended in 2012 after detailed statistical analyses determined that the road was having little to no effect on breeding bird populations. With dustfall monitoring being conducted adjacent to the road from 2012 and 2015, a subset of three transects was surveyed in 2015 to determine whether breeding bird populations are comparable to previous surveys. The relative abundance, richness and diversity of species detected on 2015 surveys is comparable to previous years, and there is no indication that effects have occurred. Given the results of the 2015 survey, which reflect data collected in previous years, annual transect surveys do not need to be reinstated since 2016 or future years.

5.1.4 Raptor Nest Surveys (Condition of Project Certificate)

The raptor nest survey monitoring program has been designed to confirm that mine-related activities do not result in inadvertent negative effects on nesting raptors. Agnico Eagle will survey historical sites along the AWAR and periodically visit the nests to determine site occupancy in conjunction with AWAR road survey. Agnico Eagle is working closely with Alastair Franke (Arctic Raptors Inc.) to assist in managing and mitigating any potential disturbance to raptors and possible nest sites.

5.1.5 Caribou Satellite-Collaring Program

Agnico Eagle is assisting the GN in a Caribou satellite-collaring program within the Meadowbank Regional Study Area (RSA). Information on the status and location of various herds that use the RSA at different times of the year is an important component of on-going monitoring and management efforts at the mine site and along the AWAR. The collaring program was initiated in May 2008 with subsequent deployments in November 2009, April 2011, April 2013, April of 2015 and May 2016. The 2018 and 2019 deployments information are to be confirmed.

In collaboration with the GN DOE Wildlife branch, Agnico Eagle agreed, in 2013, to the Memorandum of Understanding (MOU) to contribute to the regional ungulate monitoring program for a 3 years term. In March 2017, the new MOU has been signed. The majority of the contribution will go towards continued caribou collaring but will also assist in a detailed Qamanirjuaq herd survey

or other GN led initiatives planned for 2019. These collaring data will be used to assist Agnico Eagle in anticipating large herds passing near mine development and contribute to appropriate management decisions.

5.1.6 Checklist Surveys and Wildlife Logs

At the mine site, noteworthy wildlife sightings are recorded in an on-site wildlife log, which is tabulated at the end of each year and included in the annual wildlife monitoring summary report. Meadowbank employees are also encouraged to record wildlife sightings on a daily basis. A monthly wildlife report is sent to the GN DOE.

5.1.7 AWAR and Mine-Site Road Surveys

The AWAR and Mine-Site road surveys monitoring program has been designed to evaluate sensory disturbance to wildlife, particularly Caribou and Muskox, utilizing habitats adjacent to the road. Road kill information and large Caribou herds are also documented to facilitate the implementation of adaptive management strategies. The terrain on both sides of the road (to a maximum horizontal distance of 1 km) is surveyed as the vehicle progresses at a maximum speed of 30 km/hr. For each sighting, the vehicle is safely parked in a road pullout and UTM coordinates are recorded along with estimated distance of animals from the road, habitat type and direction of movement.

The AWAR survey monitoring program will continue on an annual basis.

5.1.8 Screening Level Risk Assessment

As a requirement for the Meadowbank Gold site's Environmental Health Monitoring Plan (NIRB - Condition 67), Agnico Eagle collected field data in 2014 in support of a Screening Level Risk Assessment (SLRA) and submitted a report with the 2014 annual report. It follows the baseline SLRA completed by Azimuth Consulting Group Inc. in 2006, 2011, 2014 and 2017 reports completed by Baxter Consulting. It provided an updated evaluation of soil and vegetation tissue chemistry as well as an assessment of risk to resident birds, mammals and a conservative estimate of potential impacts to local harvesters due to consumption of wildlife. No sampling activities planned in 2019.

5.2 AQUATIC EFFECTS MONITORING PROGRAM

5.2.1 Core Receiving Environment Monitoring (CREMP)

The CREMP has been implemented every year since 2006, with some modifications (e.g., station additions, parameter deletions/additions, sampling frequency and intensity), to improve the program and to comply with regulatory requirements (e.g., the NWB Type A Water License). This monitoring program will continue throughout the operations and closure phases of the mine project. Monitoring will continue to be conducted at 12 sampling stations (6 near fields; 2 mid-fields; 1 far-field; 4

references) for limnology, water and sediment chemistry, phytoplankton and benthic invertebrate community. See Figure 1 and Figure 2 for the CREMP sampling locations in 2019.

Figure 1: Meadowbank Water Quality, Sediment, Coring, and Invertebrate Sampling Areas

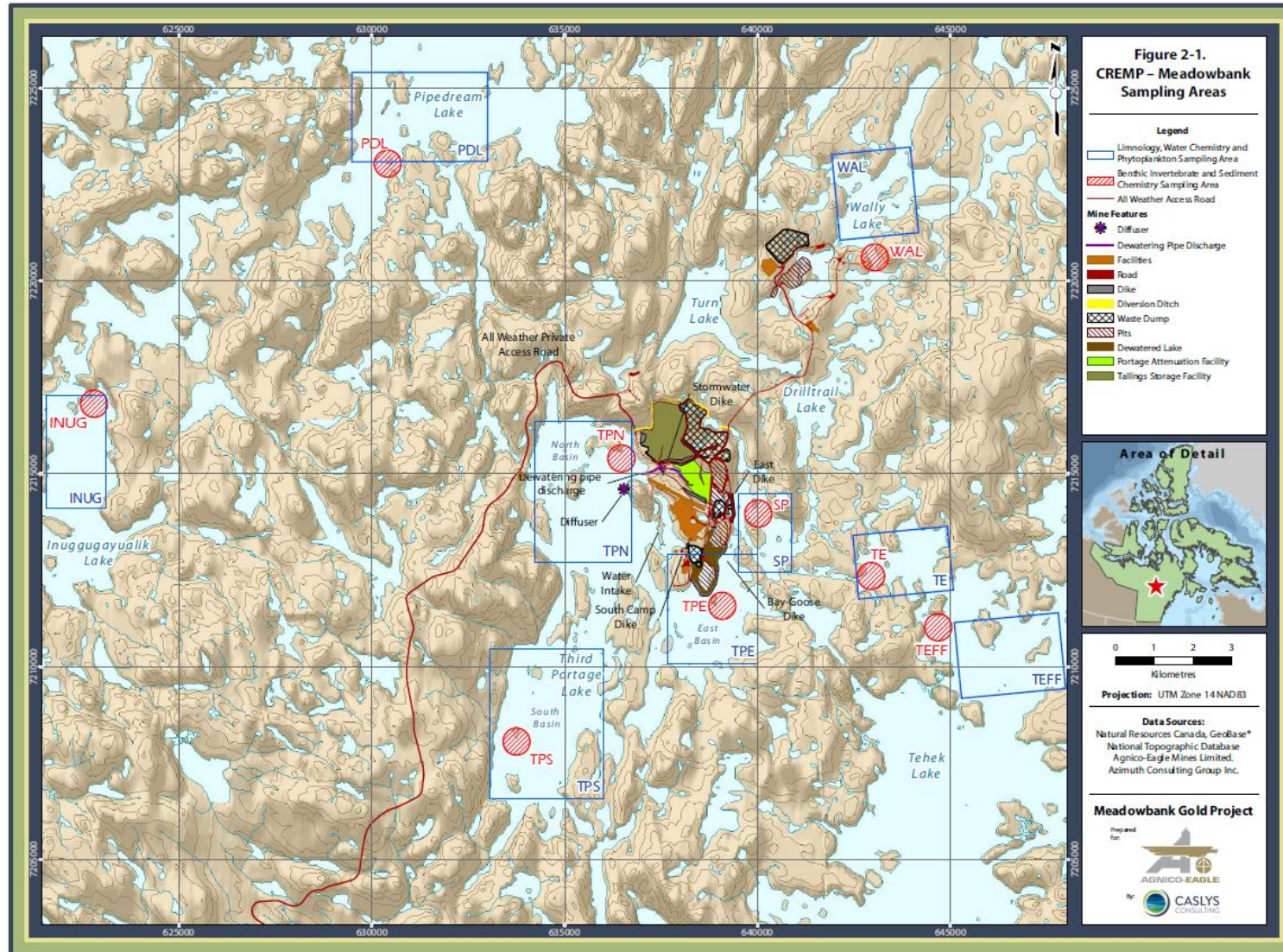
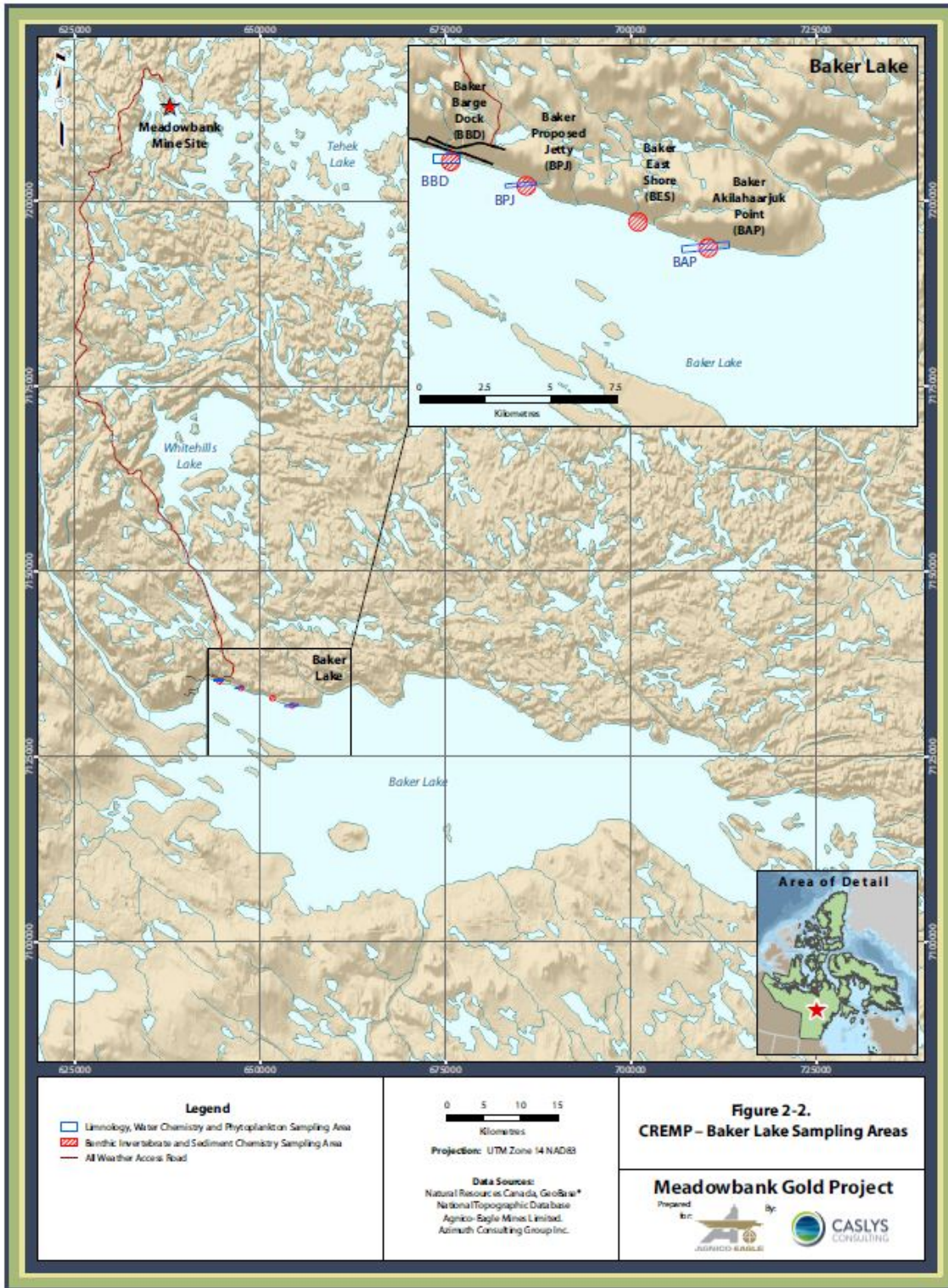


Figure 2: Baker Lake Water, Sediment, Coring and Benthic invertebrate Sampling Area and Limnology Profile Location



5.2.2 Metal and Diamond Mining Effluent Regulations (MDMER) Monitoring

In 2019, Meadowbank Site will have two (2) discharge points subject to MDMER regulations: Vault Attenuation Pond, discharging into Wally Lake and East Dike Seepage, discharging into Second Portage Lake. Consequently, Agnico Eagle is monitoring these discharges in accordance with the MDMER (and Water License) requirements. This includes weekly sampling for metals, monthly toxicity testing, and monitoring water quality in the release and control areas of Wally Lake and Second Portage Lake (with Third Portage South Basin as a reference). Furthermore, in 2014, Agnico Eagle completed the Biological Monitoring Study Cycle 2 in Third Portage Lake as per MDMER Schedule 5 Part 2. In 2017, Agnico Eagle completed the Biological Monitoring Study Cycle 3 in Wally Lake as no more water was discharging from the Portage Attenuation Pond since November 2014, as the former South Cell Attenuation Pond became tailings storage facility in Q4 2014. The Biological Monitoring Study Cycle 4 is planned for 2020. This program is regulated by Environment and Climate Change Canada and is designed specifically to evaluate the effects of effluent discharge on the receiving environment.

5.2.3 Water Quality and Flow Monitoring

All water sampling conducted at the mine site and along the AWAR designed to monitor the performance of the waste and water management systems for the project fall into this category. In 2019, Agnico Eagle will continue to monitor the performance at the sewage treatment plant, tailings reclaim pond, Vault attenuation pond, pit sumps, seeps, bulk fuel storage facilities, freshwater usage volumes, water quality along the AWAR, and all other monitoring requirements stipulated in NWB Type A water license 2AM-MEA1526. See Figure 3 and Figure 4 for all the 2019 water monitoring stations at Meadowbank Mine Site and Vault.

Figure 3: Meadowbank Mine Site 2019 Sampling Locations

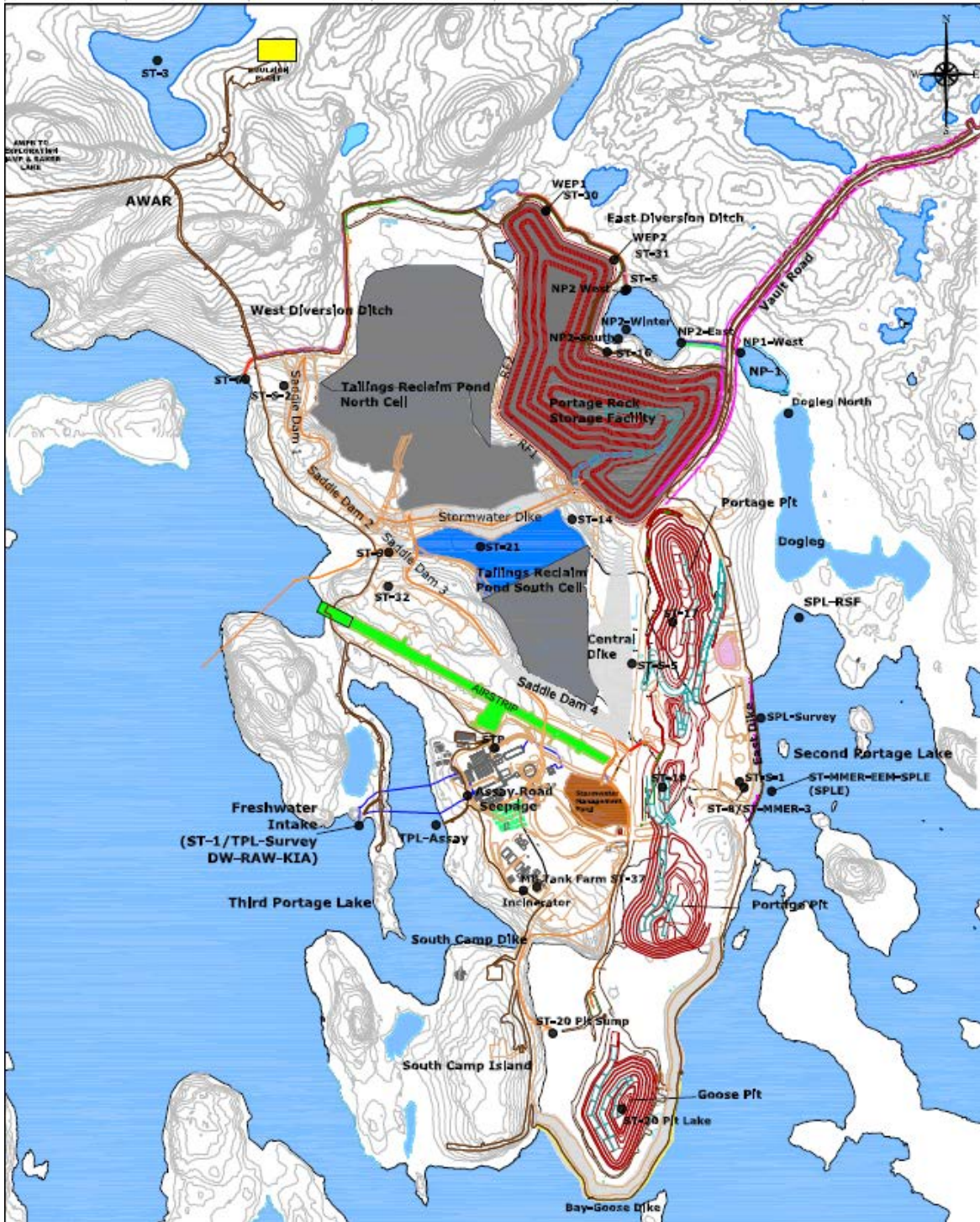
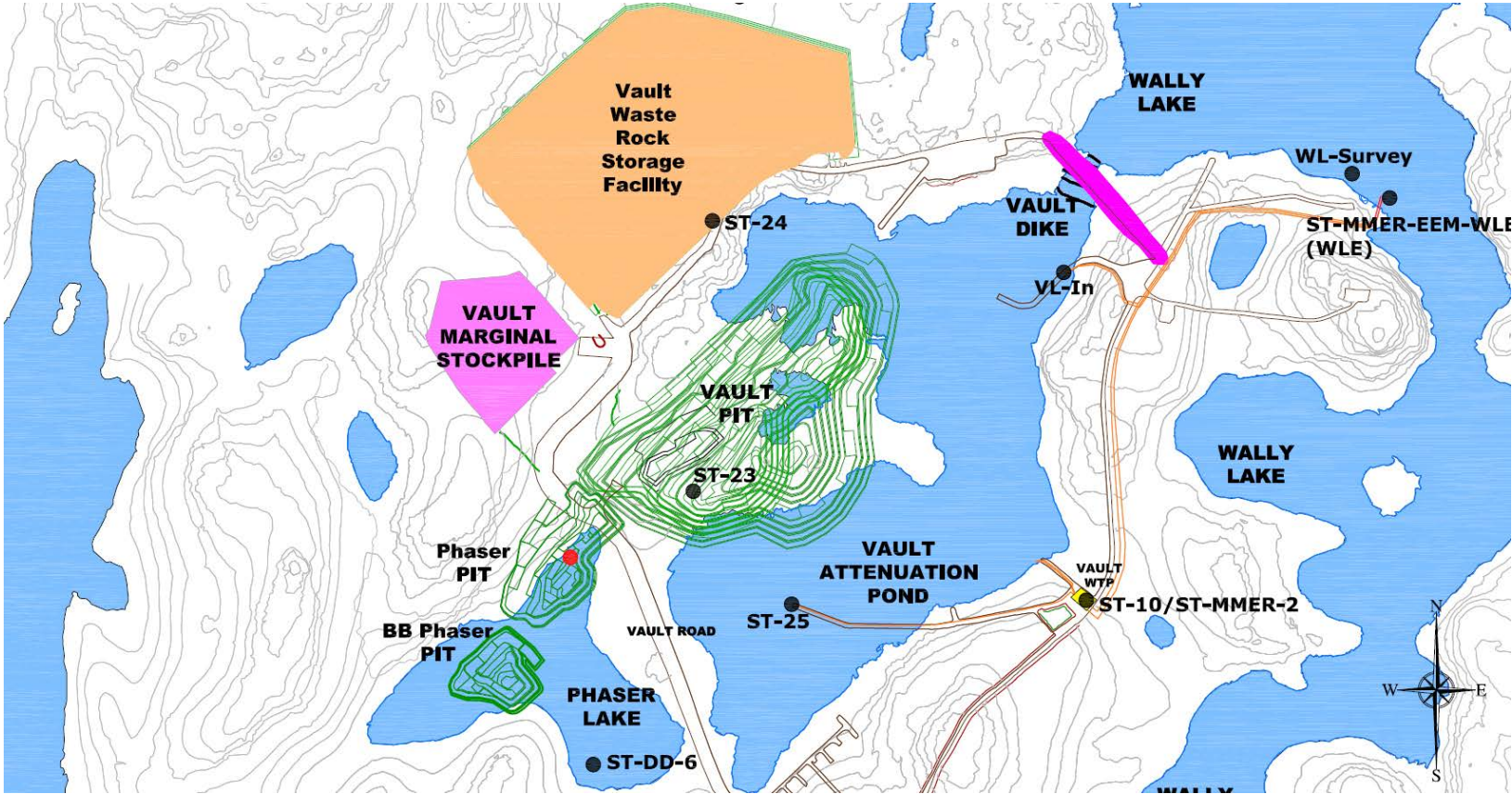


Figure 4 : Vault 2019 Sampling Locations



5.2.4 Seepage Water from Waste Rock Storage Facility

Monitoring of the seepage at the Portage waste rock storage facility will continue in 2019 and this will be a high priority during freshet. Agnico Eagle will continue to monitor NP-2, NP-1, Dogleg and Second Portage Lake (see Figure 3 above), as per a KIA request during the Type A Water License renewal, and analyse for the following parameters: pH, conductivity, turbidity, field temperature, TDS, colour, anion scan, hardness, alkalinity, DOC, TOC, TSS, TP, TKN, total ammonia, NO₃, NO₂, Chl A (lake sites only), cyanide (WAD), free cyanide, total cyanide, total metals, dissolved metals, total cadmium, dissolved cadmium, total mercury, and dissolved oxygen (% and mg/L).

Agnico Eagle's work plan in 2019 will continue to closely follow the Freshet and Incident Action Plan which will include the active pumping and monitoring (location, quantity and quality) of the water from WEP1, WEP2 and ST-16 sump (which is pumped to the North Cell TSF). During the ice period, a weekly visual inspection will be done. Agnico Eagle will also continue to monitor the tailings and waste rock freeze back in accordance with Part I, Item 9 of the Type A Water License.

5.2.5 Assay Road Seepage

Monitoring and mitigation of the Assay Road Seepage will continue in 2019. All seepage water during the freshet and until the freeze up will be contained (as in the past) in the original sump and trench and pumped back to the mill. Currently the seepage area is frozen and weekly visual inspections are conducted. Based on shallow groundwater well monitoring downstream of the interception trench, all the water was contained and did not reach TPL. This was confirmed with near shore sampling in TPL; to date no contaminants have been detected in the near shore area of the lake. Agnico Eagle will also follow in 2019 the Freshet and Incident Action Plan which will include the active pumping of the water back to the mill, groundwater monitoring and continued sampling of Third Portage Lake.

5.2.6 Central Dike Seepage

Monitoring of the Central Dike seepage will continue in 2019. The seepage is located within the mining footprint, away from the receiving environment and is confined directly downstream of the dike. In 2019, Agnico Eagle will continue to collect water in ST-S-5 and pump it back into the South Cell Tailings Storage Facility or Goose Pit (once in-pit disposal application is approved). Monthly sampling will continue as per the requirements of the NWB Water License.

5.2.7 Blast Monitoring

The blast monitoring program will continue during 2019 in Wally Lake and Second Portage Lake. The program will monitor blasting peak particle velocity and overpressure in the receiving environment and ensure that Agnico Eagle uses the specific charge weight/delay/set back necessary to meet DFO requirements, and to ensure the stability of the dikes and mines site infrastructure.

Agnico Eagle will implement a field-based study to understand and document the visual and physical parameters of the blast and quantify the response of caribou to the blast. The Study design is being explored on-site during the 2018 spring migration to determine logistics of the blast schedule with operations and field technicians. This will continue in 2019.

5.3 GROUNDWATER MONITORING PROGRAM

The groundwater monitoring will continue in 2019. As in the past, the groundwater monitoring program will be conducted in the summer and / or the fall. Sampling of the active wells will continue in 2019.

5.4 NOISE MONITORING PROGRAM

The noise monitoring will continue in 2019 with sampling twice a year at the five monitoring locations established at the mine site.

5.5 AIR MONITORING PROGRAM

Agnico Eagle has conducted annual dustfall and air quality monitoring around the Meadowbank site since 2011. Two (2) passive NO₂ samplers and four (4) dustfall collectors were installed on site in November 2011, with the first result received in December 2011. This air monitoring will continue on a monthly basis in 2019. Since 2013, Agnico Eagle also conducted dustfall monitoring along selected areas of the AWAR in response to NIRB, HTO and community concerns. This will continue in 2019.

SECTION 6 • LOGISTICS

Fuel, bulk goods and construction materials will be transported to site overland via the All Weather Access Road. Charter flights carrying cargo and personnel will be routed directly to the mine site via the Meadowbank airstrip.