Appendix 32

Whale Tail 2019 GN Spill Reports





OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	OCCURRENCE DATE: MONTH – DAY – YEAR		9:0	ORT TIM	E	X	ORIGINAL SPILL	REPORT,	REPORT NUMBER
В	OCCURRENCE DATE: MONTH 2019-01-01	I – DAY – YEAR		URRENG :45	CE TIME		UPDATE # O THE ORIGINAL	SPILL REPORT	-
С	LAND USE PERMIT NUMBER ((IF APPLICABLE)	<u>'</u>		TER LICENCE WB-2AN	•	APPLICABLE)		
D	GEOGRAPHIC PLACE NAME OF WHALE TAILE PI	OR DISTANCE AND DIRECTION T PROJECT	FROM NAMED LOCAT	ION	REGION	(NUNAVUT	☐ ADJACENT	JURISDICTION	I OR OCEAN
Е	LATITUDE DEGREES 65	MINUTES 24	SECONDS 28		NGITUDE GREES 96	1	MINUTES	43 s	ECONDS 11
F	RESPONSIBLE PARTY OR VES		RESPONSIBLE PARTY BAKER LAK			E LOCATION	I		
G	ANY CONTRACTOR INVOLVED)	CONTRACTOR ADDR	ESS OR	OFFICE LOCA	ATION			
	PRODUCT SPILLED HYDRAULIC OIL		QUANTITY IN LITRES 150 LITRES	, KILOGF	RAMS OR CUB	SIC METRES	U.N. NUMBER		
H	SECOND PRODUCT SPILLED	(IF APPLICABLE)	QUANTITY IN LITRES	, KILOGF	RAMS OR CUB	SIC METRES	U.N. NUMBER		
I	SPILL SOURCE HAUL TRUCK FACTORS AFFECTING SPILL OR RECOVERY SPILL CAUSE HOSE I DESCRIBE A			JRE			AREA OF CON	ITAMINATION IN	SQUARE METRES
J	11002			STANCE	REQUIRED		HAZARDS TO	PERSONS, PRO	PERTY OR EQUIPMENT
K	and will be send to Distance to the clubstance to the clubstance were not of Spill location: No	draulic oil to be sp to the Meadowban losest lake is estin ffsite impacts or di rthing: 65'24'28 Ea ion: Jamie Kataluk	k Mine landfanated at 200 nated	rm anneter ny rec	rea. s. ceiving v			eriai Will i	oe collected
L	REPORTED TO SPILL LINE BY JAMIE KATALUK			LOYER I nico	Eagle M		CATION CALLING		TELEPHONE 8197593555
M	ANY ALTERNATE CONTACT ROBIN ALLARD	POSITION General super		LOYER I nico	Eagle M		TERNATE CONTA Veadowba CATION		ALTERNATE TELEPHONE 8198601414
		<u>'</u>	REPORT LINE US	E ONLY		'		<u>'</u>	
Ν	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMP	LOYER			OCATION CALLED		REPORT LINE NUMBER (867) 920-8130
LEAD	AGENCY DEC DCCG DC	GNWT □ GN □ ILA □ INAC	□ NEB □ TC S	SIGNIFIC	ANCE MINO		R 🗆 UNKNOWN		US □ OPEN □ CLOSED
AGE	NCY	CONTACT NAME	C	CONTACT	ГТІМЕ		REMARKS		
LEAD) AGENCY								
FIRS	T SUPPORT AGENCY								
SEC	OND SUPPORT AGENCY								
THIR	D SUPPORT AGENCY								



2019-01-01 AMQ 150 liters HYDRAULIC OIL

GN reference #: 2019-001

Please find the following information as a follow up to the spill report submitted January 2, 2019 by Agnico Eagle. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License NWB-2AM-WTP1826, Part H, Item 8c.

Spill Description

During operation at the Whale Tail Pit waste rock storage area, an hydraulic hose of the haul truck failed causing hydraulic oil to be spilled on the ground.





Location coordinates of the spill: Northing 65°24'28" Easting 96°43'11"

There were no off site impact or discharge to any receiving watercourses. Distance to the closest lake is estimated at 200 meters.

Cause of Spill

The leak was caused by a failure of an hydraulic hose.

Remediation Actions

The driver stopped his truck as soon that he saw the leak and he called a mechanic to fix it. All contaminated soil has been removed and place on the proper place. It was brought at the landfarm at Meadowbank.





Corrective measures

The hydraulic system including hoses and fittings are inspected as part of the preventive maintenance program done on site. Routine visual inspection of the hydraulic system is also performed during pre-operations checks.

<u>Closure</u>

We trust that the above details described appropriately the spill incident that occurred at AMQ on January 2, 2019 and the follow up actions. Please contact the undersigned should you have any questions.

Martin Archambault

Environmental Senior Coordinator

Wet Archarbeach

martin.archambault@agnicoeagle.com

T: 819.759.3555 x6744

Agnico Eagle Mines Limited

Meadowbank Division

Baker Lake, Nunavut, Canada

X0C 0A0

agnicoeagle.com











OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	2019-02-03	-YEAR		17:3		XORIGINAL SPILL F	REPORT,	REPORT NUMBER
В	OCCURRENCE DATE: MONTH 2019-01-15	– DAY – YEAR		06:4	RENCE TIME	☐ UPDATE # TO THE ORIGINAL S	PILL REPORT	-
С	LAND USE PERMIT NUMBER ((IF APPLICABLE)			NWB-2BB-MEA	,		
D	GEOGRAPHIC PLACE NAME OF WHALE TAIL PIT		RECTION FROM NAMED L	OCATION	REGION NWT XNUNAV	'UT □ ADJACENT S	JURISDICTION (OR OCEAN
Ε	LATITUDE DEGREES 65	MINUTES 01	seconds 51	I	LONGITUDE DEGREES 96	MINUTES 0	9 SE	econds 21
F	RESPONSIBLE PARTY OR VES				DDRESS OR OFFICE LOCAL XOX 0A0	ΓΙΟΝ		
G	ANY CONTRACTOR INVOLVED)	CONTRACTOR	ADDRESS	S OR OFFICE LOCATION			
	PRODUCT SPILLED Fecal Coliform		4000 CFU	,	LOGRAMS OR CUBIC METE ml	RES U.N. NUMBER		
Н	SPILL SOURCE Waste Water Effluent		QUANTITY IN LI	TRES, KI	LOGRAMS OR CUBIC MET	RES U.N. NUMBER		
Ι	SPILL SOURCE Waste Water Effluent FACTORS AFFECTING SPILL OR RECOVERY DESCRIPTION DESCRIPTIO					AREA OF CONT	AMINATION IN	SQUARE METRES
J	FACTORS AFFECTING SPILL OR RECOVERY DESCRIBE			ASSISTA	NCE REQUIRED	HAZARDS TO P	ERSONS, PROF	PERTY OR EQUIPMENT
K	discharge sample results showed no Spill Location: No There were no off lake is 250 m Contact Informati	o further exc 65°01'51" W f site impacts	eedance. 096°09'21" on les or discharge t	OL o any	receiving water			
L	REPORTED TO SPILL LINE BY Martin Archamba		dinator	Agni	rer ico Eagle Mines	LOCATION CALLING Amaruq		ELEPHONE 8197593555
M	ANY ALTERNATE CONTACT Robin Allard	POSITION General	Supervisor	Agni	ico Eagle Mines	ALTERNATE CONTAC Nunavut LOCATION		LTERNATE TELEPHONE 8198601414
		1	REPORT LIN	E USE O	NLY		•	
Ν	RECEIVED AT SPILL LINE BY	POSITION		EMPLOY	/ER	LOCATION CALLED	R	EPORT LINE NUMBER
-		STATION OPER	RATOR			YELLOWKNIFE, NT	3)	367) 920-8130
LEAD	AGENCY DEC DCCG DC	GNWT □ GN □ ILA	□ INAC □ NEB □ TC	SIGI	NIFICANCE MINOR M	AJOR UNKNOWN	FILE STATU	IS □ OPEN □ CLOSED
AGE	NCY	CONTACT NAME		CON	ITACT TIME	REMARKS		
	T SUPPORT AGENCY							
	OND SUPPORT AGENCY							
	D SUPPORT AGENCY							
l								



2019-01-15 AMQ WWTP Waste Water

GN reference #: 2019-035

Please find the following information as a follow up to the Spill report submitted February 2nd 2019 by Agnico Eagle Amaruq. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2BB-MEA1318, Part H, Item 5c. .

Spill Description

A result of 4000 CFU/100ml of Fecal Coliform for a treated waste water effluent discharge sample taken of January 15th 2019.

Location coordinates of the spill: Northing 65°01′51" Easting 96°09′21" on IOL.

There were no off site impact or discharge to any receiving watercourses. Distance to the closest lake is estimated at 250 meters.

Cause of Spill

As the prior results were below the limit and subsequent result show no further exceedance. We think that it is a cross contamination during the sampling.

Remediation Actions

Subsequent samples of the treated waste water have been taken and have shown no exceedance in Fecal Coliform (190 CFU/100ml, 39 CFU/100 ml).

Corrective measures

We did a reminder with our technicians to make sure to eliminate the possibility of the cross contamination during the sampling.

Closure

We trust that the above details described appropriately the spill incident that occurred at Amaruq on January 15th 2019 and the follow up actions. Please contact the undersigned should you have any questions.

Martin Archambault

Environmental Senior Coordinator martin.archambault@agnicoeagle.com

T: 819.759.3555 x4606744

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Agnico Eagle Mines Limited Meadowbank Division Baker Lake, Nunavut, Canada XOC OAO

AGNICO EAGLE





OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	REPORT DATE: MONTH – DAY 2019-01-26	-YEAR		PORT TIME 9:30	XORIGINAL SPILL RE	PORT, REPORT NUMBER
В	OCCURRENCE DATE: MONTH 2019-01-25	– DAY – YEAR		CURRENCE TIME 1:45	☐ UPDATE #TO THE ORIGINAL SPI	ILL REPORT
С	LAND USE PERMIT NUMBER (IF APPLICABLE)	,	NWB-2BB-N	MBER (IF APPLICABLE) IEA1318	
D	GEOGRAPHIC PLACE NAME OF WHALE TAIL PIT		N FROM NAMED LOCA		INAVUT 🗆 ADJACENT JU	JRISDICTION OR OCEAN
Ε	LATITUDE DEGREES 65	MINUTES 01	seconds 51	LONGITUDE DEGREES 96	MINUTES 09	seconds 21
F	RESPONSIBLE PARTY OR VES			TY ADDRESS OR OFFICE LO	OCATION	
G	ANY CONTRACTOR INVOLVED)	CONTRACTOR ADD	RESS OR OFFICE LOCATIO	N	
	PRODUCT SPILLED Wastewater (Sewater)	age)	QUANTITY IN LITRE 100L	S, KILOGRAMS OR CUBIC N	METRES U.N. NUMBER	
Η	SECOND PRODUCT SPILLED	(IF APPLICABLE)	QUANTITY IN LITRE	S, KILOGRAMS OR CUBIC N	METRES U.N. NUMBER	
I	SPILL SOURCE Waste Water Trea	itment System	SPILL CAUSE Mechanical	Failure	AREA OF CONTAI 8 m2	MINATION IN SQUARE METRES
J	FACTORS AFFECTING SPILL O	OR RECOVERY	DESCRIBE ANY ASS	SISTANCE REQUIRED	HAZARDS TO PE	RSONS, PROPERTY OR EQUIPMENT
K	Spill Location: N	snow was brough 65°24'11.8" W 096 f site impacts or d	nt in a bin ten 5°40'49.5" lischarge to a	nporary and it wi	II be send at Mea	ndowbank tankfarm.
L	REPORTED TO SPILL LINE BY Martin Archamba			PLOYER gnico Eagle Min	LOCATION CALLING F Amaruq	TELEPHONE 8197593555
M	ANY ALTERNATE CONTACT Robin Allard	POSITION General Supe		PLOYER gnico Eagle Min	es ALTERNATE CONTACT	ALTERNATE TELEPHONE 8198601414
		<u>'</u>	REPORT LINE U	SE ONLY		'
Ν	RECEIVED AT SPILL LINE BY	POSITION	EM	PLOYER	LOCATION CALLED	REPORT LINE NUMBER
-		STATION OPERATOR			YELLOWKNIFE, NT	(867) 920-8130
LEA	AGENCY DEC DCCG DC	GNWT □ GN □ ILA □ INAC	C □ NEB □ TC	SIGNIFICANCE MINOR	□ MAJOR □ UNKNOWN	FILE STATUS □ OPEN □ CLOSED
AGE	NCY	CONTACT NAME		CONTACT TIME	REMARKS	
	T SUPPORT AGENCY					
	OND SUPPORT AGENCY					
	D SUPPORT AGENCY					



2019-01-25 AMQ 100 liters Sewage spill

GN reference #: 2019-027

Please find the following information as a follow up to the Spill report submitted January 26th, 2019 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2BB-MEA1318, Part H, Item 5c.

Spill Description

When the operator emptied the sludge from wastewater treatment plant with a vacuum truck, he saw an overflow coming from the tank.





Spill location: N 65 24'11.8 W 096 40'49.5

There were no off site impact or discharge to any receiving watercourses. The distance to the closest lake is estimated at 200 meters.

Cause of Spill

Before he starts to pump, the operator took a measure the tank to evaluate the volume can be pumped in the truck. But he did a mistake and the volume available has been over evaluated causing an overflow.

Remediation Actions

As the operator was close to the vacuum truck he was able to shut down quickly the operation. All contaminated material on the ground was collected and brought to the Meadowbank land farm.





Corrective measures

A reminder to all operators was giving on the importance to have the good evaluation of the volume available in the tank before starting the operation.

Closure

We trust that the above details described appropriately the spill incident that occurred at the Whale Tail site on January 25th, 2019 and the cleanup activities. Please contact the undersigned should you have any questions.

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Canada NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	REPORT DATE: MONTH – DAY - 2019-01-27	-YEAR		EPORT TI	ME	-	▼ ORIGINAL SPIL	L REPORT,	REPORT NUMBER	
В	OCCURRENCE DATE: MONTH -	– DAY – YEAR			NCE TIME		JN □ UPDATE # TO THE ORIGINAL	CDILL DEDODT		
D	2019-01-27			03:00				SFILL REPORT		
С	LAND USE PERMIT NUMBER (II	F APPLICABLE)			VATER LICENCE NWB-2BB					
D	GEOGRAPHIC PLACE NAME OF WHALE TAIL PIT I		N FROM NAMED LO		REGION					
	LATITUDE	PROJECT		- II	□ NWT X	NUNAVUT	☐ ADJACEN	IT JURISDICTION	OR OCEAN	
Ε	0.5	MINUTES 01	SECONDS 51		EGREES 96		MINUTES	09 si	ECONDS 21	
F	RESPONSIBLE PARTY OR VES		RESPONSIBLE PA			E LOCATIO	N			
G	ANY CONTRACTOR INVOLVED Orbit Garant		CONTRACTOR AD			TION				
	PRODUCT SPILLED Engine oil		QUANTITY IN LITE	RES, KILO	GRAMS OR CUB	IC METRES	U.N. NUMBER	3		
Η	SECOND PRODUCT SPILLED (I	IF APPLICABLE)	QUANTITY IN LITE	RES, KILO	GRAMS OR CUB	IC METRES	U.N. NUMBER	3		
1				al Fail	ure		AREA OF CONTAMINATION IN SQUARE METRES 1 m2			
J	FACTORS AFFECTING SPILL OR RECOVERY DESCRIB			SSISTANC	E REQUIRED		HAZARDS TO) PERSONS, PRO	PERTY OR EQUIPMENT	
K		ater contained in lake. The drill or terial at the appro	the seconda perators use opriated facil	ary co d abse lity.	ntainment orbent pad	t, 5 lite ds to c	rs of the e	ngine oil g		
L	REPORTED TO SPILL LINE BY Martin Archambau	POSITION Sr. Coordinate		MPLOYER	o Eagle M		OCATION CALLIN		ELEPHONE 8197593555	
M	ANY ALTERNATE CONTACT	POSITION General Supe	E	MPLOYER	₹	A	LTERNATE CON	TACT A	ALTERNATE TELEPHONE 8198601414	
171	Robin Allard	General Supe			o Eagle M	ines	Nunavut		0190001414	
	RECEIVED AT SPILL LINE BY	POSITION	REPORT LINE	MPLOYER			OCATION CALLE	D F	REPORT LINE NUMBER	
N		STATION OPERATOR					ELLOWKNIFE, N		867) 920-8130	
LEA	DAGENCY DEC DCCG DG	NWT GN LIA LINAC	C □ NEB □ TC	SIGNIF	ICANCE MINO	OR 🗆 MAJO	OR 🗆 UNKNOWN	FILE STATU	JS □ OPEN □ CLOSED	
AGE	NCY	CONTACT NAME		CONTA	CT TIME		REMARKS			
LEA	O AGENCY									
FIRS	T SUPPORT AGENCY									
SEC	OND SUPPORT AGENCY					· · · · · ·				



2019-01-27 AMQ 5 L Engine oil spill

GN reference #: 2019-028

Please find the following information as a follow up to the Spill report submitted January 27th, 2019 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2BB-MEA1318, Part H, Item 5c.

Spill Description

While the drill SH-61 #1 was operating on the Whale Tail North Lake, the hose feeding the cylinder busted causing 30L of engine oil to spill in the secondary containment but an overflow of 5 liters of Engine Oil got in contact with the ice.





Spill location: N 65 24'16.1 W 096 41'58.8

The event happen on the Whale Tail North where the fish out where done last fall.

Cause of Spill

The spill has been caused by a mechanical breakage of a hose feeding a hydraulic cylinder.

Remediation Actions

The drill operators used absorbent pads to clean-up and disposed of the contaminated material at the appropriated facility.



Corrective measures

A routine visual inspection of all system is performed during pre-operations checks as a part of the preventive maintenance program.

Closure

We trust that the above details described appropriately the spill incident that occurred at the Whale Tail site on January 27th, 2019 and the cleanup activities. Please contact the undersigned should you have any questions.

Martin Archambault

Environmental Senior Coordinator

Wet Archarbeach

martin.archambault@agnicoeagle.com

T: 819.759.3555 x6744

Agnico Eagle Mines Limited

Meadowbank Division

Baker Lake, Nunavut, Canada

X0C 0A0

agnicoeagle.com



AGNICO EAGLE







Canada NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	REPORT DATE: MONTH – DAY 02-02-2019	-YEAR		17H3		X OF	ORIGINAL SPILL RE	PORT,	REPORT NUMBER	
В	OCCURRENCE DATE: MONTH	– DAY – YEAR			ENCE TIME		UPDATE # THE ORIGINAL SPII	I REPORT		
	02-02-2019 LAND USE PERMIT NUMBER (TE ADDI ICADI E)		09H1	WATER LICENCE N					
C	LAND USE PERMIT NUMBER (IF APPLICABLE)			NWB-2AM-					
D	GEOGRAPHIC PLACE NAME OF WHALE TAIL PIT		RECTION FROM NAMED L	OCATION	REGION	IUNAVUT	□ ADJACENT JU	RISDICTION	OR OCEAN	
Ε	LATITUDE				LONGITUDE					
	DEGREES 65	MINUTES 01	SECONDS 51		DEGREES 96		MINUTES 09	SE	conds 21	
F	RESPONSIBLE PARTY OR VES		BAKER L		XOX OAO	LOCATION	ı			
G	ANY CONTRACTOR INVOLVED)	CONTRACTOR	ADDRESS	OR OFFICE LOCATION	ON				
	PRODUCT SPILLED Hydraulic Oil		QUANTITY IN LI	-,	OGRAMS OR CUBIC	METRES	U.N. NUMBER			
Η	SECOND PRODUCT SPILLED	(IF APPLICABLE)	QUANTITY IN LI	TRES, KILO	OGRAMS OR CUBIC	METRES	U.N. NUMBER			
I	Hydraulic Oil SECOND PRODUCT SPILLED (IF APPLICABLE) SPILL SOURCE Haul Truck 250 Lite QUANTITY IN II SPILL CAUSE Mechani			cal fail	ure		AREA OF CONTAMINATION IN SQUARE METRES 40 m2			
J	Haul Truck FACTORS AFFECTING SPILL OR RECOVERY ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKE While he went up on the ramp, an operator			ASSISTAN	ICE REQUIRED		HAZARDS TO PER	RSONS, PROF	PERTY OR EQUIPMENT	
K	He saw the oil lea	king from equre. All contallandfarm at landfarm at lan	uipment and he aminated soil ha Meadowbank. V 096°42'14.5" or discharge to	e calle as bee	d a mechani n removed a	ic to fi and pl aterco	x it. The lea ace on the p	k was c	aused by a lace. It will	
L	REPORTED TO SPILL LINE BY Martin Archamba		dinator	EMPLOYE Agnic	^{:R} co Eagle Mir		CATION CALLING FE	I .	ELEPHONE 3197593555	
M	ANY ALTERNATE CONTACT Robin Allard	POSITION	L SUPERVIS	EMPLOYE		AL	TERNATE CONTACT Vunavut DCATION	A	LTERNATE TELEPHONE 8198601414	
			REPORT LIN			LC	JOATION			
N	RECEIVED AT SPILL LINE BY	POSITION		EMPLOYE	ER	LC	OCATION CALLED	R	EPORT LINE NUMBER	
IN		STATION OPERA	ATOR			YE	ELLOWKNIFE, NT	(8	67) 920-8130	
LEAI	DAGENCY DEC DCCG DC	GNWT □ GN □ ILA	□ INAC □ NEB □ TC	SIGNI	FICANCE MINOR	R 🗆 MAJO	R □ UNKNOWN	FILE STATU	S □ OPEN □ CLOSED	
AGE	NCY	CONTACT NAME		CONT	ACT TIME		REMARKS			
LEA	D AGENCY									
FIRS	T SUPPORT AGENCY									
SEC	OND SUPPORT AGENCY									
							<u> </u>			



2019-02-02 WTP_HYDRAULIC_OIL_250_LITERS_SPILL

GN reference #: 2019-033

Please find the following information as a follow up to the spill report submitted February 2, 2019 by Agnico Eagle. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License NWB-2AM-WTP1826, Part H, Item 8c.

Spill Description

While he went up on the ramp, an operator saw an oil trace. He called the Haul truck driver to ask him if he can check under his truck. The driver stopped his truck and go to see if he had problem. He saw the oil leaking from equipment and he called a mechanic to fix it.





Location coordinates of the spill: Northing 65°24'07.9" Easting 96°42'14.5"

There were no off site impact or discharge to any receiving watercourses. Distance to the closest lake is estimated at 170 meters.

Cause of Spill

The leak was caused by a cone bearing failure.





Remediation Actions

The driver stopped his truck and go to see if he had problem. He saw the oil leaking from equipment and he called a mechanic to fix it. All contaminated soil has been removed and place on the proper place. It will be brought at the landfarm at Meadowbank.

Corrective measures

The hydraulic system including hoses and fittings are inspected as part of the preventive maintenance program done on site. Routine visual inspection of the hydraulic system is also performed during pre-operations checks.

<u>Closure</u>

We trust that the above details described appropriately the spill incident that occurred at WTP on February 2, 2019 and the follow up actions. Please contact the undersigned should you have any questions.

Martin Archambault

Environmental Senior Coordinator

martin.archambault@agnicoeagle.com

Wet Achabane

T: 819.759.3555 x6744

Agnico Eagle Mines Limited

Meadowbank Division

Baker Lake, Nunavut, Canada

X0C 0A0

agnicoeagle.com











Canadä

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	OCCUBRENCE DATE: MONTH – DAY – YEAR			16:3				X O OR	RIGINAL SPIL	RIGINAL SPILL REPORT, REPORT NUMBER		
В	OCCURRENCE DATE: MONTH	I – DA	Y – YEAR		OCCUR 23:0		ETIME		□υ	PDATE # THE ORIGINA	SPILL REPORT	-
С	LAND USE PERMIT NUMBER	(IF AP	PLICABLE)					E NUMBER	•	APPLICABLE)		
D	GEOGRAPHIC PLACE NAME OF WHALE TAIL PIT			FROM NAMED L	OCATION		REGION	X NUNAVU	UT	□ ADJACEN	IT JURISDICTIO	N OR OCEAN
Ε	LATITUDE DEGREES 65	MIN	UTES 01	seconds 51	I		IGITUDE GREES 9)6		MINUTES	09	seconds 21
F	RESPONSIBLE PARTY OR VE			BAKER I				FICE LOCAT	ION			
G	ANY CONTRACTOR INVOLVED Orbit Garant	D		CONTRACTOR A			OFFICE LO	CATION				
	PRODUCT SPILLED Engine Oil	Engine Oil		QUANTITY IN LI	TRES, KI	LOGR	AMS OR CL	JBIC METR	RES	U.N. NUMBE	3	
Н	PILL SOURCE Drill SH-64			QUANTITY IN LI	TRES, KI	LOGR	AMS OR CL	JBIC METR	RES	U.N. NUMBE	3	
Ι	Drill SH-64 Mecha			SPILL CAUSE Mechanic	cal Fa	ilur	e			AREA OF CO	NTAMINATION I	N SQUARE METRES
J				DESCRIBE ANY	ASSISTA	ANCE	REQUIRED			HAZARDS TO	PERSONS, PR	OPERTY OR EQUIPMENT
K	While the drill SH popped causing a oil got in contact The drill operator Spill Location: N Contact Informati	a sp wit 's s 65°	oill in the secon h a snow outsion hoveled the sno 24'25.5" W 096°	dary cont de the dril ow and dis	ainme I. spose	ent ed it	inside	the dri	ill.	Unfortu	nately, 3 li	
L	REPORTED TO SPILL LINE BY Martin Archamba		Sr. Coordinate	or	Agni		Eagle I	Mines		CATION CALLII maruq	NG FROM	TELEPHONE 8197593555
M	ANY ALTERNATE CONTACT Robin Allard		POSITION General Super	visor	Agni		Eagle I	Mines	1	ERNATE CON UNAVUT ATION	TACT	ALTERNATE TELEPHONE 8198601414
				REPORT LIN	E USE C	NLY						
Ν	RECEIVED AT SPILL LINE BY		POSITION STATION OPERATOR		EMPLOY	YER				CATION CALLE		REPORT LINE NUMBER (867) 920-8130
LEAD	AGENCY DEC DCCG DC	GNWT		□ NEB □ TC	SIGI	NIFICA	ANCE MI	NOR □ MA				TUS OPEN CLOSED
AGEI	NCY	CON	TACT NAME		CON	NTACT	TIME			REMARKS		
LEAD) AGENCY											
FIRS	T SUPPORT AGENCY											
SEC	OND SUPPORT AGENCY											
THIR	D SUPPORT AGENCY											



2019-02-03 AMQ 3 L Engine oil spill

GN reference #: 2019-038

Please find the following information as a follow up to the Spill report submitted February 4th, 2019 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2BB-MEA1318, Part H, Item 5c.

Spill Description

While the drill SH-64 was operating on the Whale Tail North lake, the seal gasket from the pump popped causing a spill in the secondary containment inside the drill. Unfortunately, 3 liter of engine oil got in contact with a snow outside the drill.

Spill location: N 65 24'25.5" W 096 41'48.89"

The event happen on the Whale Tail North where the fish out where done last fall.

Cause of Spill

The spill has been caused by a seal popped on hydraulic system.

Remediation Actions

The drill operators used absorbent pads and shoveled the snow and disposed a contaminated material at the appropriated facility.





Corrective measures

A routine visual inspection of all system is performed during pre-operations checks as a part of the preventive maintenance program.

Closure

We trust that the above details described appropriately the spill incident that occurred at the Whale Tail site on February 4th, 2019 and the cleanup activities. Please contact the undersigned should you have any questions.

Martin Archambault

Environmental Senior Coordinator

Wet Archarblade

martin.archambault@agnicoeagle.com T: 819.759.3555 x6744 Agnico Eagle Mines Limited Meadowbank Division Baker Lake, Nunavut, Canada

X0C 0A0

agnicoeagle.com











OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	REPORT DATE: MONTH – DAY: 02-05-2019	– YEAR		REPORT TI 13:00	ME	XORIGINAL SPILL RE	PORT,	REPORT NUMBER
В	OCCURRENCE DATE: MONTH	– DAY – YEAR		DCCURRER 18:00	NCE TIME	☐ UPDATE # TO THE ORIGINAL SPI	LL REPORT	
С	LAND USE PERMIT NUMBER (I	IF APPLICABLE)			ATER LICENCE NUMBER NWB-2BB-MEA			
D	GEOGRAPHIC PLACE NAME O WHALE TAIL PIT		N FROM NAMED LO	CATION	REGION NWT XNUNAVO	JT □ ADJACENT JU	RISDICTION (OR OCEAN
Ε	LATITUDE DEGREES 65	MINUTES 01	SECONDS 51		ONGITUDE SEGREES 96	MINUTES 09	SE	conds 21
F	RESPONSIBLE PARTY OR VES		BAKER LA		RESS OR OFFICE LOCAT	ION		
G	ANY CONTRACTOR INVOLVED		CONTRACTOR AL	DRESS O	R OFFICE LOCATION			
	PRODUCT SPILLED Wastewater (Sewa	age)	QUANTITY IN LITE 1000 L	RES, KILO	GRAMS OR CUBIC METR	ES U.N. NUMBER		
Н	Wastewater (Sewage) SECOND PRODUCT SPILLED (IF APPLICABLE)		QUANTITY IN LITE	RES, KILO	GRAMS OR CUBIC METR	ES U.N. NUMBER		
Ι	SPILL SOURCE Waste Water Trea	SPILL CAUSE Electrical	Failur	е	8 m2	NI NOITANIN	SQUARE METRES	
J	FACTORS AFFECTING SPILL C	DESCRIBE ANY A	SSISTANC	E REQUIRED	HAZARDS TO PER	RSONS, PROF	PERTY OR EQUIPMENT	
K	pumped in the wa	iter treatment plan ground. All cont 65°24'12.7" W 096 site impacts or d	nt and then aminated so 6°40'50.5" lischarge to	has over the second sec	verflowed insid be brought at eceiving waterd	e the building the Meadowba	and out	tside. 1000 farm.
L	REPORTED TO SPILL LINE BY Martin Archamba			MPLOYER Agnic	o Eagle Mines	LOCATION CALLING FI		ELEPHONE 3197593555
M	ANY ALTERNATE CONTACT Robin Allard	POSITION General Supe		Agnic	o Eagle Mines	ALTERNATE CONTACT Nunavut		LTERNATE TELEPHONE 8198601414
		'	REPORT LINE	USE ONL	Y	ı		
N	RECEIVED AT SPILL LINE BY	POSITION	E	MPLOYER	3	LOCATION CALLED	R	EPORT LINE NUMBER
1 4		STATION OPERATOR				YELLOWKNIFE, NT	(8	67) 920-8130
LEAD	AGENCY DEC DCCG DG	NWT □ GN □ ILA □ INAC	□ NEB □ TC	SIGNIF	ICANCE MINOR MA	JOR UNKNOWN	FILE STATU	S □ OPEN □ CLOSED
AGE	NCY	CONTACT NAME		CONTA	CT TIME	REMARKS		
	T SUPPORT AGENCY							
	OND SUPPORT AGENCY							
LHIR	D SUPPORT AGENCY							



2019-02-04 AMQ 1000 liters Sewage spill

GN reference #: 2019-040

Please find the following information as a follow up to the Spill report submitted February 5th, 2019 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2BB-MEA1318, Part H, Item 5c.

Spill Description

Sewage water accumulated in the EQ tank was pumped in the water treatment system plant and then has overflow inside the building and outside. Approximately 1000 I went on the ground.





Spill location: N 65 24'12.7" W 096 40'50.5"

There were no off site impact or discharge to any receiving watercourses. The distance to the closest lake is estimated at 200 meters.

Cause of Spill

The electrical shutdown planned for 1-2 hours initially at the WWTP, extended to 4 hours. With the consequence of, when we brought back the power, all sewage accumulated in the EQ tank was pumped in the water treatment plant and then has overflowed inside the building and outside..

Remediation Actions

The operator stopped the pump as soon that he saw the tank overflowing. All contaminated material on the ground was collected and brought to the Meadowbank land farm.





Corrective measures

The procedure for the extended shut down was reviewed and modified to prevent any spill in the future.

Closure

We trust that the above details described appropriately the spill incident that occurred at the Whale Tail site on February 4th, 2019 and the cleanup activities. Please contact the undersigned should you have any questions.

Martin Archambault Environmental Senior Coordinator martin.archambault@agnicoeagle.com T: 819.759.3555 x6744 Agnico Eagle Mines Limited Meadowbank Division Baker Lake, Nunavut, Canada

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agnicoeagle.com

X0C 0A0









Canada NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	REPORT DATE: MONTH – DAY – 02-07-2019	-YEAR	9:3	RT TIME	X	ORIGINAL SPILL I	REPORT,	REPORT NUMBER
	OCCURRENCE DATE: MONTH -	- DAY - YEAR		IRRENCE TIME	OI	R UPDATE #		THE OTT NOMBER
В	02-06-2019		15:			THE ORIGINAL S	SPILL REPORT	
С	LAND USE PERMIT NUMBER (IF	F APPLICABLE)	'	NWB-2BE	,	,		
D	GEOGRAPHIC PLACE NAME OF		N FROM NAMED LOCATION					
	LATITUDE	FROJECT		LONGITUDE	X NUNAVUT	☐ ADJACENT	JURISDICTION (OR OCEAN
Е	0.5	MINUTES 01	SECONDS 51	DEGREES 90	6	MINUTES ()9 se	CONDS 21
F	RESPONSIBLE PARTY OR VESS		RESPONSIBLE PARTY BAKER LAK		CE LOCATION	I		
G	ANY CONTRACTOR INVOLVED Orbit Garant		CONTRACTOR ADDRE		ATION			
	PRODUCT SPILLED Engine Oil		QUANTITY IN LITRES,	KILOGRAMS OR CU	BIC METRES	U.N. NUMBER		
Η	SECOND PRODUCT SPILLED (I	IF APPLICABLE)	QUANTITY IN LITRES,	KILOGRAMS OR CU	BIC METRES	U.N. NUMBER		
ı				ailure		AREA OF CONT	TAMINATION IN	SQUARE METRES
J	FACTORS AFFECTING SPILL OF	DESCRIBE ANY ASSIS	TANCE REQUIRED		HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT			
K	leaked from the venture has overflowed the All contaminated seems Spill Location: N 6	e containment ar snow was remov 65°24'15.62'' W 96	nd goes on sno ed and brough 6°41'53.52"	ow. t in the appr	opriate		ill but 4 li	ters of oil
L	REPORTED TO SPILL LINE BY Martin Archambau	POSITION II Sr. Coordinat		^{OYER} nico Eagle N		CATION CALLING Amaruq		ELEPHONE 3197593555
M	ANY ALTERNATE CONTACT Robin Allard	POSITION General Super	EMPL		AL	TERNATE CONTAI Nunavut OCATION	CT A	LTERNATE TELEPHONE 8198601414
			REPORT LINE USE		LC	JUATION		1
	RECEIVED AT SPILL LINE BY	POSITION	EMPL		LC	OCATION CALLED	R	EPORT LINE NUMBER
N		STATION OPERATOR			YE	ELLOWKNIFE, NT	3)	67) 920-8130
LEA	DAGENCY DEC DCCG DGI	NWT □GN □ILA □INAC	S □ NEB □ TC SI	GNIFICANCE □ MIN	IOR 🗆 MAJO	R 🗆 UNKNOWN	FILE STATU	,
AGE	NCY C	CONTACT NAME	Co	ONTACT TIME		REMARKS		S □ OPEN □ CLOSED
LEA	D AGENCY					1		
FIRS								
	ST SUPPORT AGENCY							
SEC	OND SUPPORT AGENCY							



2019-02-06 AMQ 4 L Engine oil spill

GN reference #: 2019-044

Please find the following information as a follow up to the Spill report submitted February 6th, 2019 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2BB-MEA1318, Part H, Item 5c.

Spill Description

While the drill SH-47 was operating on the Whale Tail North lake, the motor broke down, engine oil leaked from the vent causing a spill in the secondary containment inside the drill but 4 liters of oil has overflowed the containment and goes on snow.





Spill location: N 65 24'15.62" W 096 41'53.52"

The event happen on the Whale Tail North where the fish out where done last fall.

Cause of Spill

The spill has been caused by mechanical issue with the motor.

Remediation Actions

The drill operators used absorbent pads and shoveled the snow and disposed a contaminated material at the appropriated facility.





Corrective measures

A routine visual inspection of all system is performed during pre-operations checks as a part of the preventive maintenance program.

Closure

We trust that the above details described appropriately the spill incident that occurred at the Whale Tail site on February 6th, 2019 and the cleanup activities. Please contact the undersigned should you have any questions.

Martin Archambault

Environmental Senior Coordinator martin.archambault@agnicoeagle.com T: 819.759.3555 x6744

Wet Archablade

Agnico Eagle Mines Limited Meadowbank Division Baker Lake, Nunavut, Canada

X0C 0A0











OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	REPORT DATE: MONTH – DAY 2019-02-19	-YEAR		10:00	ME	þ	ORIGINAL SPILL RE	EPORT,	DEDORT NUMBER
	OCCURRENCE DATE: MONTH	_ DAV _ VEAR		OCCURREN	JOE TIME)R] UPDATE #		REPORT NUMBER
В	2019-02-11			06:45		Т	O THE ORIGINAL SP	ILL REPORT	
С	LAND USE PERMIT NUMBER ((IF APPLICABLE)			ATER LICENCE NO				
D	GEOGRAPHIC PLACE NAME OF WHALE TAIL PIT		FROM NAMED LO	OCATION	REGION	NUNAVUT	□ ADJACENT JU	JRISDICTION (OR OCEAN
Ε	LATITUDE DEGREES 65	MINUTES 01	seconds 51		ONGITUDE EGREES 96		MINUTES 0 9) SE	CONDS 21
F	RESPONSIBLE PARTY OR VES		RESPONSIBLE F		RESS OR OFFICE	ELOCATIO	N		
G	ANY CONTRACTOR INVOLVED)	CONTRACTOR A	ADDRESS O	R OFFICE LOCAT	ΓΙΟΝ			
	PRODUCT SPILLED Fecal Coliform		QUANTITY IN LIT	,	GRAMS OR CUBI	C METRES	U.N. NUMBER		
Н	SECOND PRODUCT SPILLED	(IF APPLICABLE)	QUANTITY IN LIT	TRES, KILOC	GRAMS OR CUBI	C METRES	U.N. NUMBER		
Ι	SPILL SOURCE SPILL Waste Water Effluent TBI						AREA OF CONTA	MINATION IN S	SQUARE METRES
J				ASSISTANC	E REQUIRED		HAZARDS TO PE	RSONS, PROF	PERTY OR EQUIPMENT
K	sample results. Spill Location: N There were no off lake is 250 m	e taken on Feb 11th 65°01'51" W 096°0 f site impacts or di	9'21" on IC	DL o any re	eceiving w	<i>r</i> aterco		-	
L	REPORTED TO SPILL LINE BY Tom Thomson	POSITION Coordinator		EMPLOYER Agnico	o Eagle Mi		ocation calling f		ELEPHONE 3197593555
M	ANY ALTERNATE CONTACT Robin Allard	POSITION General Super	rvisor	EMPLOYER Agnic	Eagle Mi		LTERNATE CONTACT Nunavut OCATION		TERNATE TELEPHONE 3198601414
		I	REPORT LIN	E USE ONL	Υ				
N	RECEIVED AT SPILL LINE BY	POSITION		EMPLOYER		L	OCATION CALLED	R	EPORT LINE NUMBER
11		STATION OPERATOR				Y	ELLOWKNIFE, NT	(8	67) 920-8130
LEAD	AGENCY DEC DCCG DC	GNWT □ GN □ ILA □ INAC	□ NEB □ TC	SIGNIFI	CANCE MINO	R 🗆 MAJO	OR 🗆 UNKNOWN	FILE STATU	S □ OPEN □ CLOSED
AGEI	NCY	CONTACT NAME		CONTAC	CT TIME		REMARKS		
LEAD	AGENCY								
FIRS	T SUPPORT AGENCY								
SEC	OND SUPPORT AGENCY								
THIR	D SUPPORT AGENCY								



2019-02-11 AMQ WWTP Waste Water

GN reference #: 2019-074

Please find the following information as a follow up to the Spill report submitted February 19th, 2019 by Agnico Eagle Meadowbank Division. This detailed report is being submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2BB-MEA1828, Part H, Item 5c. .

Spill Description

A result of 42 000 CFU/100ml of Fecal Coliform for a treated waste water effluent discharge sample taken of February 11th, 2019.

Location coordinates of the spill: Northing 65°01'51" Easting 96°09'21" on IOL.

There were no off site impact or discharge to any receiving watercourses. Distance to the closest lake is estimated at 250 meters.

Cause of Spill

Subsequent result on Feb 25th (74 CFU/100ml) show no further exceedance. Upon further investigation, we believe there was a fecal build up within the sampling lines.

Remediation Actions

Subsequent sample results of the treated wastewater have been taken and have shown no exceedance in Fecal Coliform (74 CFU/100ml).

Corrective measures

A preventative maintenance was done on the unit including cleaning and disinfecting all sampling lines. A reminder to technicians and operators to flush the lines prior to sampling.

<u>Closure</u>

We trust that the above details described appropriately the incident that occurred at Amaruq on February 11th, 2019 and the follow up actions. Please contact the undersigned should you have any questions.

Tom Thomson Environmental Coordinator

tom.thomson@agnicoeagle.com T: 819.759.3555 x4606744

Agnico Eagle Mines Limited Meadowbank Division Baker Lake, Nunavut, Canada XOC OAO

AGNICO EAGLE





Canadä NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	REPORT DATE: MONTH – DAY 2019-03-15	′ – YEAR		PORT TIME 8:00	XORIGINAL SPILL REPORT,	REPORT NUMBER
В	OCCURRENCE DATE: MONTH	I – DAY – YEAR		CURRENCE TIME 7:30	☐ UPDATE # TO THE ORIGINAL SPILL REPOR	
С	LAND USE PERMIT NUMBER	(IF APPLICABLE)		WATER LICENCE NUMBER NWB-2BB-MEA	,	
D	GEOGRAPHIC PLACE NAME OF WHALE TAIL PIT		N FROM NAMED LOCA	ATION REGION □ NWT XNUNAV	JT □ ADJACENT JURISDICTI	ON OR OCEAN
Е	LATITUDE DEGREES 65	MINUTES 01	SECONDS 51	LONGITUDE DEGREES 96	MINUTES 09	SECONDS 21
F	RESPONSIBLE PARTY OR VE AGNICO EAGLE			TY ADDRESS OR OFFICE LOCAT KE XOX 0A0	ION	
G	ANY CONTRACTOR INVOLVED	D	CONTRACTOR ADD	RESS OR OFFICE LOCATION		
	PRODUCT SPILLED Fecal Coliform		QUANTITY IN LITRE 12000 CFU	S, KILOGRAMS OR CUBIC METR	ES U.N. NUMBER	
Η	SECOND PRODUCT SPILLED	(IF APPLICABLE)	QUANTITY IN LITRE TBD	S, KILOGRAMS OR CUBIC METR	ES U.N. NUMBER	
I	SPILL SOURCE Waste Water Efflu	uent	SPILL CAUSE TBD		AREA OF CONTAMINATION	IN SQUARE METRES
J	FACTORS AFFECTING SPILL	OR RECOVERY	DESCRIBE ANY AS	SISTANCE REQUIRED	HAZARDS TO PERSONS, P	ROPERTY OR EQUIPMENT
K	results (Mar 12th Spill Location: N There were no off lake is 250 m Contact Information	65°01'51" W 096°	09'21" on IOL	any receiving water	courses. Distance t	o the closest
L	REPORTED TO SPILL LINE BY	POSITION Env. Coordin		PLOYER gnico Eagle Mines	LOCATION CALLING FROM Meadowbank	TELEPHONE 8197593555
M	ANY ALTERNATE CONTACT Robin Allard	POSITION General Supe	EM	PLOYER gnico Eagle Mines	ALTERNATE CONTACT Nunavut	ALTERNATE TELEPHONE 8198601414
			REPORT LINE U	SE ONLY	ı	<u> </u>
Ν	RECEIVED AT SPILL LINE BY	POSITION	EM	PLOYER	LOCATION CALLED	REPORT LINE NUMBER
14		STATION OPERATOR			YELLOWKNIFE, NT	(867) 920-8130
LEA	DAGENCY DEC DCCG DC	GNWT □ GN □ ILA □ INA	C □ NEB □ TC	SIGNIFICANCE MINOR MA	AJOR UNKNOWN FILE ST	ATUS OPEN CLOSED
AGE	NCY	CONTACT NAME		CONTACT TIME	REMARKS	
LEA	D AGENCY					
FIRS	T SUPPORT AGENCY					
SEC	OND SUPPORT AGENCY					
THIR	D SUPPORT AGENCY					





OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	03-06-2019	-YEAR		3:00	XORIGINAL SPILL REPORT, OR	REPORT NUMBER
В	OCCURRENCE DATE: MONTH – 02-05-2019	- DAY – YEAR		CURRENCE TIME 5:00	□ UPDATE # TO THE ORIGINAL SPILL REP	ORT
С	LAND USE PERMIT NUMBER (IF	F APPLICABLE)		WATER LICENCE NUMBER 2AM-WTP-1826	,	
D	GEOGRAPHIC PLACE NAME OF WHALE TAIL PIT F		FROM NAMED LOCA	FION REGION NWT XNUNAV	JT □ ADJACENT JURISDIC	TION OR OCEAN
Ε			seconds 51	DEGREES 96	MINUTES 09	seconds 21
F	AGNICO EAGLE M		BAKER LA	Y ADDRESS OR OFFICE LOCAT (E X0X 0A0	ION	
G	ANY CONTRACTOR INVOLVED		CONTRACTOR ADDR	RESS OR OFFICE LOCATION		
	PRODUCT SPILLED Hydraulic Oil		QUANTITY IN LITRES 400 L	S, KILOGRAMS OR CUBIC METR	ES U.N. NUMBER	
Η	SECOND PRODUCT SPILLED (II	F APPLICABLE)	QUANTITY IN LITRES	S, KILOGRAMS OR CUBIC METR	ES U.N. NUMBER	
I	SPILL SOURCE BACHOE		SPILL CAUSE Mechanical	Failure	AREA OF CONTAMINATION 10 m2	ON IN SQUARE METRES
J	FACTORS AFFECTING SPILL OF	R RECOVERY	DESCRIBE ANY ASS	ISTANCE REQUIRED	HAZARDS TO PERSONS	PROPERTY OR EQUIPMENT
K	hose let go and sp Spill Location: N 6 There were no off lake is 150m Contact Information	55'24'9.54" W 96'4 site impacts or di	43'50.69" scharge to a	ny receiving watero	courses. Distance	to the closest
L	REPORTED TO SPILL LINE BY Martin Archambau	Sr. Coordinate		PLOYER gnico Eagle Mines	LOCATION CALLING FROM Amaruq	TELEPHONE 8197593555
M	ANY ALTERNATE CONTACT Robin Allard	General Super		ployer gnico Eagle Mines	ALTERNATE CONTACT Nunavut LOCATION	8198601414
			REPORT LINE US	E ONLY		
N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMF	PLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER
LEA	DAGENCY DEC DCCG DGN	NWT GN GILA GINAC	□ NEB □ TC		IOB INKNOWN FILE	(867) 920-8130
AGE	NCY C			SIGNIFICANCE - MINOR - MA	I I I I I I I I I I I I I I I I I I I	(867) 920-8130 STATUS □ OPEN □ CLOSED
		CONTACT NAME		SIGNIFICANCE \square MINOR \square MA	REMARKS	1
LEA	D AGENCY	CONTACT NAME				1
	D AGENCY ST SUPPORT AGENCY	CONTACT NAME				1
FIRS		CONTACT NAME				1



2019-03-05 WTP 400 HYDRAULIC OIL SPILL

GN reference #: 2019-088

Please find the following information as a follow up to the spill report submitted March 5th, 2019 by Agnico Eagle. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License NWB-2AM-WTP1826, Part H, Item 8c.

Spill Description

After have been fixed, the excavator was traveling for another work place. After only 100 feet the traction hose let go and spilled about 400 L of hydraulic oil on the ground. The operator stopped immediately the equipment and he called the maintenance to fix it.

Location coordinates of the spill: Northing 65°24'9.54" Easting 96°43'50.69"

There were no off site impact or discharge to any receiving watercourses. Distance to the closest lake is estimated at 150 meters.



Cause of Spill

The leak was caused by a faulty coupling on the hydraulic hose.

Remediation Actions

The operator stopped immediately his excavator and he made a request to fixe que equipment. All contaminated soil has been removed and place on the proper place. It was brought at the landfarm at Meadowbank.

Corrective measures

The hydraulic system including hoses and fittings are inspected as part of the preventive maintenance program done on site. Routine visual inspection of the hydraulic system is also performed during pre-operations checks.

Closure

We trust that the above details described appropriately the spill incident that occurred at WTP on March 5th, 2019 and the follow up actions. Please contact the undersigned should you have any questions.

Martin Archambault

Environmental Senior Coordinator
martin.archambault@agnicoeagle.com
T: 819.759.3555 x6744
Agnico Eagle Mines Limited
Meadowbank Division

hlet Archa-blade

Baker Lake, Nunavut, Canada

X0C 0A0

agnicoeagle.com

AGNICO EAGLE







OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

	03-05-2019	EAR	17:30		XORIGINAL SPILL REPOR	T,	REPORT NUMBER
В	OCCURRENCE DATE: MONTH – D	AY – YEAR	03:00	RENCE TIME	☐ UPDATE # TO THE ORIGINAL SPILL RI	EPORT	-
С	LAND USE PERMIT NUMBER (IF A	APPLICABLE)		WATER LICENCE NUMBER 2AM-WTP-1826	,		
D	GEOGRAPHIC PLACE NAME OR DEWINDER OF THE PROPERTY OF THE PROPE	DISTANCE AND DIRECTION FROM NAMED ROJECT	LOCATION	REGION NWT XNUNAVU	JT □ ADJACENT JURISE	OICTION C	DR OCEAN
Е	LATITUDE DEGREES 65 MI	NUTES 01 SECONDS	51	LONGITUDE DEGREES 96	MINUTES 09	SE	conds 21
F	RESPONSIBLE PARTY OR VESSE AGNICO EAGLE MI			DDRESS OR OFFICE LOCAT X0X 0A0	ION		
G	ANY CONTRACTOR INVOLVED	CONTRACTO	R ADDRESS	OR OFFICE LOCATION			
	PRODUCT SPILLED Hydraulic Oil	QUANTITY IN 350 L	LITRES, KIL	LOGRAMS OR CUBIC METR	ES U.N. NUMBER		
Н	SECOND PRODUCT SPILLED (IF A	APPLICABLE) QUANTITY IN	LITRES, KIL	LOGRAMS OR CUBIC METR	ES U.N. NUMBER		
I	SPILL SOURCE BACHOE	SPILL CAUSE Mechar		ilure	AREA OF CONTAMINA 10 m2	TION IN S	SQUARE METRES
J	FACTORS AFFECTING SPILL OR F	RECOVERY DESCRIBE AI	NY ASSISTA	NCE REQUIRED	HAZARDS TO PERSON	NS, PROP	ERTY OR EQUIPMENT
K	There were no off slake is 150m	'24'9.3 W 96'43'53.5 ite impacts or discharge n: Martin Archambault 81	•	·	courses. Distanc	e to t	he closest
	There were no off slake is 150m	ite impacts or discharge	9-759-3	3555 ext. 6744	courses. Distance LOCATION CALLING FROM Amaruq	TE	he closest ELEPHONE B197593555
	There were no off solution lake is 150m Contact Information	ite impacts or discharge n: Martin Archambault 81	9-759-3 EMPLOY Agni EMPLOY	3555 ext. 6744 FER CO Eagle Mines	LOCATION CALLING FROM	TE 8	ELEPHONE
L	There were no off silake is 150m Contact Information REPORTED TO SPILL LINE BY Martin Archambau ANY ALTERNATE CONTACT	POSITION Sr. Coordinator POSITION General Supervisor	9-759-3 EMPLOY Agni EMPLOY	S555 ext. 6744 CO Eagle Mines ER CO Eagle Mines	LOCATION CALLING FROM Amaruq ALTERNATE CONTACT	TE 8	ELEPHONE 3197593555 .TERNATE TELEPHONE
L	There were no off silake is 150m Contact Information REPORTED TO SPILL LINE BY Martin Archambau ANY ALTERNATE CONTACT	POSITION Sr. Coordinator POSITION General Supervisor	9-759-3 EMPLOY Agni EMPLOY Agni	B555 ext. 6744 CO Eagle Mines FER CO Eagle Mines NLY	LOCATION CALLING FROM Amaruq ALTERNATE CONTACT	TE 8	ELEPHONE 3197593555 .TERNATE TELEPHONE
L	There were no off silake is 150m Contact Information REPORTED TO SPILL LINE BY Martin Archambau ANY ALTERNATE CONTACT Robin Allard	POSITION Sr. Coordinator POSITION General Supervisor REPORT L	9-759-3 EMPLOY Agni EMPLOY Agni	B555 ext. 6744 CO Eagle Mines FER CO Eagle Mines NLY	LOCATION CALLING FROM Amaruq ALTERNATE CONTACT Nunavut	TE 8	ELEPHONE 3197593555 TERNATE TELEPHONE 3198601414
L M	There were no off silake is 150m Contact Information REPORTED TO SPILL LINE BY Martin Archambau ANY ALTERNATE CONTACT Robin Allard RECEIVED AT SPILL LINE BY	POSITION Sr. Coordinator POSITION General Supervisor REPORT L POSITION STATION OPERATOR VT GN GILA GINAC NEB GTO	9-759-3 EMPLOY Agni EMPLOY Agni INE USE OF	S555 ext. 6744 TER CO Eagle Mines TER CO Eagle Mines NLY TER	LOCATION CALLING FROM Amaruq ALTERNATE CONTACT NUNAVUT LOCATION CALLED YELLOWKNIFE, NT JOR UNKNOWN FIL	TE	ELEPHONE 3197593555 TERNATE TELEPHONE 3198601414 EPORT LINE NUMBER
L M	There were no off silake is 150m Contact Information REPORTED TO SPILL LINE BY Martin Archambau ANY ALTERNATE CONTACT Robin Allard RECEIVED AT SPILL LINE BY	POSITION POSITION General Supervisor POSITION FOSITION FOSITION FOSITION FOSITION FOSITION FOSITION FOSITION STATION OPERATOR	9-759-3 EMPLOY Agni EMPLOY Agni INE USE OF	S555 ext. 6744 Co Eagle Mines Co Eagle Mines NLY FER	LOCATION CALLING FROM Amaruq ALTERNATE CONTACT Nunayut LOCATION CALLED YELLOWKNIFE, NT	TE	ELEPHONE 3197593555 TERNATE TELEPHONE 3198601414 EPORT LINE NUMBER 67) 920-8130
L M N LEAC	There were no off silake is 150m Contact Information REPORTED TO SPILL LINE BY Martin Archambau ANY ALTERNATE CONTACT RObin Allard RECEIVED AT SPILL LINE BY AGENCY COLUMN CY COLUMN AGENCY COLUMN AGENCY COLUMN AGENCY	POSITION Sr. Coordinator POSITION General Supervisor REPORT L POSITION STATION OPERATOR VT GN GILA GINAC NEB GTO	9-759-3 EMPLOY Agni EMPLOY Agni INE USE OF	S555 ext. 6744 TER CO Eagle Mines TER CO Eagle Mines NLY TER	LOCATION CALLING FROM Amaruq ALTERNATE CONTACT NUNAVUT LOCATION CALLED YELLOWKNIFE, NT JOR UNKNOWN FIL	TE	ELEPHONE 3197593555 TERNATE TELEPHONE 3198601414 EPORT LINE NUMBER 67) 920-8130
L M N LEAD AGEN	There were no off silake is 150m Contact Information REPORTED TO SPILL LINE BY Martin Archambau ANY ALTERNATE CONTACT RObin Allard RECEIVED AT SPILL LINE BY PAGENCY EC CCG GNW	POSITION Sr. Coordinator POSITION General Supervisor REPORT L POSITION STATION OPERATOR VT GN GILA GINAC NEB GTO	9-759-3 EMPLOY Agni EMPLOY Agni INE USE OF	S555 ext. 6744 TER CO Eagle Mines TER CO Eagle Mines NLY TER	LOCATION CALLING FROM Amaruq ALTERNATE CONTACT NUNAVUT LOCATION CALLED YELLOWKNIFE, NT JOR UNKNOWN FIL	TE 8 AL 8	ELEPHONE 3197593555 TERNATE TELEPHONE 3198601414 EPORT LINE NUMBER 67) 920-8130



2019-03-05 WTP 350 HYDRAULIC OIL SPILL

GN reference #: 2019-087

Please find the following information as a follow up to the spill report submitted March 5th, 2019 by Agnico Eagle. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License NWB-2AM-WTP1826, Part H, Item 8c.

Spill Description

The excavator traveling to different locations in the pit, when the operator saw some oil on the undercarriage. The operator stopped immediately the equipment and he called the maintenance to fix it.

Location coordinates of the spill: Northing 65°24'9.3" Easting 96°43'14.53.5"

There were no off site impact or discharge to any receiving watercourses. Distance to the closest lake is estimated at 150 meters.

Cause of Spill

The leak was caused after a hose blew on the traction.

Remediation Actions

The operator stopped immediately te equipment and called the maintenance department to fix the problem. All contaminated soil has been removed and place on the proper place. It will be brought at the landfarm at Meadowbank.

Corrective measures

The hydraulic system including hoses and fittings are inspected as part of the preventive maintenance program done on site. Routine visual inspection of the hydraulic system is also performed during pre-operations checks.

Closure

We trust that the above details described appropriately the spill incident that occurred at WTP on March 5th, 2019 and the follow up actions. Please contact the undersigned should you have any questions.

Martin Archambault

Environmental Senior Coordinator

martin.archambault@agnicoeagle.com

Wet Archarbeach

T: 819.759.3555 x6744

Agnico Eagle Mines Limited

Meadowbank Division

Baker Lake, Nunavut, Canada

X0C 0A0

agnicoeagle.com











OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	00 00 2010			REPORT TIME 20:30			YORIGINAL SPILL REPORT, OR		REPORT NUMBER
В	OCCURRENCE DATE: MONTH – DAY – YEAR 03-08-2019						UPDATE # THE ORIGINAL SPILL I	REPORT	
С	LAND USE PERMIT NUMBER (WATER LICENCE NUMBER (IF NWB-2AM-WTP-1			,			
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION MEADOWBANK MINE SITE REGION NWT X NUNAVUT ADJACENT JURISDICTION OR OCEAN								
Е	LATITUDE DEGREES 65	0500ND0 5 1	LONGITUDE SECONDS 51 DEGREES 96			MINUTES 09 SECONDS 21			
F	RESPONSIBLE PARTY OR VES	RESPONSIBLE	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION						
Г	AGNICO EAGLE I		BAKER LAKE X0X 0A0 CONTRACTOR ADDRESS OR OFFICE LOCATION						
G									
Ш	PRODUCT SPILLED HYDRAULIC OIL		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES 400 LITERS			U.N. NUMBER N/A			
	SECOND PRODUCT SPILLED (IF APPLICABLE)		QUANTITY IN LI	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES			U.N. NUMBER		
I	SPILL SOURCE BACKHOE		SPILL CAUSE HYDRAU	SPILL CAUSE HYDRAULIC LINE			AREA OF CONTAMINATION IN SQUARE METRES 20 M2		
J	FACTORS AFFECTING SPILL C	DESCRIBE ANY	DESCRIBE ANY ASSISTANCE REQUIRED			HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT			
K	During operations at Whale Tail pit operations, a fitting on the main hydraulic line on the backhoe broke causing hydraulic oil to spill on the ground. The area will be scraped clean and all contaminated material will be brought to the landfarm area. There were no off site impacts or discharge to any receiving watercourses. Distance to the closest lake is estimated at 150 meters outside of Quarry 2. Spill location: Northing: 65'24'11" Easting: 96'42'27" on IOL. Contact information: Robin Allard 819-759-3555 ext. 4606838								
L	REPORTED TO SPILL LINE BY Robin Allard		POSITION General Supervisor				OCATION CALLING FROM MEADOWBANK		ELEPHONE 8197593555
M	ANY ALTERNATE CONTACT Nancy D-Harvey			ent Agnic			ALTERNATE CONTACT MEADOWBANK LOCATION		LTERNATE TELEPHONE 8677934610
REPORT LINE USE ONLY									
Ν	RECEIVED AT SPILL LINE BY POSITION STATION OPERATOR		DATOR	EMPLOY			OCATION CALLED		REPORT LINE NUMBER
LEAD AGENCY EC CCG GNWT GN ILA INAC							LLOWKNIFE, NT (867) 920-8130 R □ UNKNOWN FILE STATUS □ OPEN □ CLOSED		
AGENCY CONTACT NAME				CONTACT TIME		REMARKS			
LEAD AGENCY									
FIRST SUPPORT AGENCY									
SECOND SUPPORT AGENCY									
THIR	D SUPPORT AGENCY								



2019-03-08 WTP 400 HYDRAULIC OIL SPILL

GN reference #: 2019-097

Please find the following information as a follow up to the spill report submitted March 8th, 2019 by Agnico Eagle. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License NWB-2AM-WTP1826, Part H, Item 8c.

Spill Description

During operations at Whale Tail pit, a fitting on the main hydraulic line of backhoe failed, causing hydraulic oil to spill on the ground.

Location coordinates of the spill: Northing 65°24'11" Easting 96°42'27" on IOL.

There were no off site impact or discharge to any receiving watercourses. Distance to the closest lake is estimated at 150 meters outside of Quarry 2.



Cause of Spill

Failed fitting on the main hydraulic line on backhoe.

Remediation Actions

The operator immediately stopped the equipment and called the maintenance department to fix the problem. All contaminated soil has been removed and has been be brought to the landfarm at Meadowbank.



Corrective measures

The hydraulic system including hoses and fittings are inspected as part of the preventive maintenance program done on site. Routine visual inspection of the hydraulic system is also performed during pre-operations checks. Backhoe was brought to Maintenance for a complete clean up and overhaul on the hydraulic lines.

Closure

We trust that the above details described appropriately the spill incident that occurred at WTP on March 8^{th} , 2019 and the follow up actions. Please contact the undersigned should you have any questions.





Canada NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	REPORT DATE: MONTH – DAY - 03-23-2019	DAY – YEAR REF					ORIGINAL SPIL	L REPORT,	REPORT NUMBER
	OCCURRENCE DATE: MONTH -	– DAY – YEAR		CURRENCE T	ME	OI	R UPDATE #		
В	03-23-2019		04	4:30		TC	THE ORIGINAL	SPILL REPORT	
С	LAND USE PERMIT NUMBER (I	F APPLICABLE)	·	I .	LICENCE NU B-2AM-V	,	APPLICABLE)		-
ח	GEOGRAPHIC PLACE NAME O		ON FROM NAMED LOCA	TION REG	GION				
D	WHALE TAIL PIT I	PROJECT				IUNAVUT	□ ADJACEN	IT JURISDICTION	OR OCEAN
Ε	LATITUDE DEGREES 65	MINUTES 01	seconds 51	LONGIT	UDE ES 96		MINUTES	09 s	ECONDS 21
F	RESPONSIBLE PARTY OR VES		RESPONSIBLE PART			LOCATION	I		
G	ANY CONTRACTOR INVOLVED		CONTRACTOR ADDI	RESS OR OFF	ICE LOCATION	ON			
	PRODUCT SPILLED Hydraulic Oil		QUANTITY IN LITRES	TRES, KILOGRAMS OR CUBIC METRES U.N. NUMBER					
Η	SECOND PRODUCT SPILLED (I	IF APPLICABLE)	QUANTITY IN LITRES	S, KILOGRAM	S OR CUBIC	METRES	U.N. NUMBER	3	
ı	SPILL SOURCE RBD 03		SPILL CAUSE Mechanical Failure				AREA OF CO	NTAMINATION IN	SQUARE METRES
J	FACTORS AFFECTING SPILL O	R RECOVERY	DESCRIBE ANY ASS	SISTANCE REC	QUIRED		HAZARDS TO	PERSONS, PRO	PERTY OR EQUIPMENT
	ADDITIONAL INFORMATION, CO	OMMENTS, ACTIONS PROP	OSED OR TAKEN TO CO	ONTAIN, RECO	VER OR DIS	SPOSE OF	SPILLED PROD	UCT AND CONTA	MINATED MATERIALS
K	goes in function of hose drained on the equipment was Contaminated materials. Spill Location: N 6	he ground. as shut down and terial will be bro 55° 24' 11.4" W 9	d mechanics vught on the ap	vere call	ed. te bin.				
ī	REPORTED TO SPILL LINE BY Martin Archambau	POSITION Sr. Coordina		PLOYER	ala Mir		OCATION CALLIN		ELEPHONE
_	ANY ALTERNATE CONTACT	POSITION	,	gnico Ea	igie wiir		Amaruq .ternate cont		8197593555 ALTERNATE TELEPHONE
M	Robin Allard	General Sup		gnico Ea	ıgle Mir		lunavut	-	8198601414
			REPORT LINE US						
N	RECEIVED AT SPILL LINE BY	POSITION	EMI	PLOYER			OCATION CALLE		REPORT LINE NUMBER
<u> </u>		STATION OPERATOR					ELLOWKNIFE, N		867) 920-8130
LEA	DAGENCY DEC DCCG DG	NWT □ GN □ ILA □ INA	C NEB TC	SIGNIFICANO	E 🗆 MINOR	R □ MAJO	R 🗆 UNKNOWN	FILE STAT	JS □ OPEN □ CLOSED
AGE	NCY	CONTACT NAME		CONTACT TIN	1E		REMARKS		
LEAI	D AGENCY						1		30
FIRS									
SECOND SUPPORT AGENCY									
SEC	OND SUPPORT AGENCY								



2019-03-23 WTP 150 HYDRAULIC OIL SPILL

GN reference #: 2019-129

Please find the following information as a follow up to the spill report submitted March 23, 2019 by Agnico Eagle. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License NWB-2AM-WTP1826, Part H, Item 8c.

Spill Description

While on stand by at Whale Tail pit, the drill head crept down and the percussion of the hammer damaged the hydraulic oil hose, causing hydraulic oil to spill on the ground.

Location coordinates of the spill: Northing 65°24'11" Easting 96°42'40" on IOL.

There were no off site impact or discharge to any receiving watercourses. Distance to the closest lake is estimated at 150 meters outside of Quarry 2.

Cause of Spill

When the drill head crept down, the percussion of the hammer damaged the hydraulic oil hose.

Remediation Actions

The operator immediately stopped the equipment and called the maintenance department to fix the problem. All contaminated soil has been removed and has been be brought to the landfarm at Meadowbank.



Corrective measures

The hydraulic system including hoses and fittings are inspected as part of the preventive maintenance program done on site. Routine visual inspection of the hydraulic system is also performed during pre-operations checks.

<u>Closure</u>

We trust that the above details described appropriately the spill incident that occurred at WTP on March 23, 2019 and the follow up actions. Please contact the undersigned should you have any questions.





NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	REPORT DATE: MONTH – DAY 03-31-2019	– YEAR		18:45		1 -	(ORIGINAL SPILL REPORT, R		REPORT NUMBER		
В	OCCURRENCE DATE: MONTH 03-31-2019	– DAY – YEAR		0000RR	ENCE TIME		UPDATE # O THE ORIGINAL	SPILL REPORT			
С	LAND USE PERMIT NUMBER (IF APPLICABLE)			WATER LICENCE NWB-2AN	,	,				
D	GEOGRAPHIC PLACE NAME OF MEADOWBANK N		N FROM NAMED LO	OCATION	REGION	X NUNAVUT	□ AD.IACENT	.IURISDICTION	OR OCEAN		
_	LATITUDE				LONGITUDE		☐ ADJACENT JURISDICTION OR OCEAN				
Е	DEGREES 65	MINUTES 01	SECONDS 51		DEGREES 96			09 s	ECONDS 21		
F	RESPONSIBLE PARTY OR VES		BAKER L		XOX OAO	CE LOCATION	N				
G	ANY CONTRACTOR INVOLVED)	CONTRACTOR A	ADDRESS	OR OFFICE LOCA	ATION					
	PRODUCT SPILLED DIESEL		QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES 50 LITERS				U.N. NUMBER 1202				
Н	SECOND PRODUCT SPILLED ((IF APPLICABLE)	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES				U.N. NUMBER				
Ι	SPILL SOURCE PUMP FEED LINE		SPILL CAUSE BUSTED LINE				AREA OF COM	ITAMINATION IN	SQUARE METRES		
J	FACTORS AFFECTING SPILL C	OR RECOVERY	DESCRIBE ANY ASSISTANCE REQUIRED				HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT				
K	During dewatering operations at Whale Tail North, a fitting on the feed line of the dewatering pump, located on the pad, failed causing diesel fuel to spill on the ground. The pump was stopped and the spill contained rapidly with pads and snow. The area will be scraped clean and all contaminated material will be brought to the landfarm area. There were no off site impacts or discharge to any receiving watercourses. Distance to the closest lake is estimated at 100 meters towards the north portion of Whale Tail Lake. Spill location: Northing: 65'24'09" Easting: 96'41'13" on IOL. Contact information: Robin Allard 819-759-3555 ext. 4606838										
L	REPORTED TO SPILL LINE BY Robin Allard	General Supe	rvisor	Agnic	^{≘R} co Eagle N		NEADOWE		TELEPHONE 8197593555		
M	ANY ALTERNATE CONTACT Nancy D-Harvey	POSITION Superintende	nt	Agnic	^{≘R} Co Eagle N		LTERNATE CONTA MEADOWE DCATION		ALTERNATE TELEPHONE 8677934610		
			REPORT LIN	E USE ON	ILY						
N	RECEIVED AT SPILL LINE BY	POSITION		EMPLOY	ER		OCATION CALLED		REPORT LINE NUMBER		
		STATION OPERATOR				, , , , , , , , , , , , , , , , , , ,	ELLOWKNIFE, NT		867) 920-8130		
_	DAGENCY DEC DCCG DG		□ NEB □ TC		IFICANCE MIN	UK L MAJC		FILE STATI	JS OPEN CLOSED		
AGEI		CONTACT NAME		CON	FACT TIME		REMARKS				
	T SUPPORT AGENCY										
SEC	OND SUPPORT AGENCY										
THIR	D SUPPORT AGENCY										



2019-03-31 WTP Dewatering Pad 50 liters DIESEL FUEL SPILL

GN reference #: 2019-144

Please find the following information as a follow up to the spill report submitted March 31, 2019 by Agnico Eagle. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License NWB-2AM-WTP1826, Part H, Item 8c.

Spill Description

During dewatering operations at Whale Tail north, a fitting on the feed line of the dewatering pump, located on the dewatering pad, failed causing diesel fuel to spill on the ground.

Location coordinates of the spill: Northing 65°24'09" Easting 96°41'13" on IOL.

There were no off site impact or discharge to any receiving watercourses. Distance to the closest lake is estimated at 100 meters from the north portion of Whale Tail Lake.



Cause of Spill

Fitting on the fuel feed line to the dewatering pump failed.

Remediation Actions

The operator immediately stopped the pump and spill pads were placed on the area where the spill occurred. All contaminated material has been removed and has been be brought to the landfarm at Meadowbank.

Corrective measures

The hoses and fittings are inspected as part of the preventive maintenance program done on site. Routine visual inspection of the dewatering system is also performed during preoperations checks. Prior to re-starting the pump – all fittings and hoses were checked.



Closure

We trust that the above details described appropriately the spill incident that occurred at WTP on March 31, 2019 and the follow up actions. Please contact the undersigned should you have any questions.



Tom Thomson | Environmental Coordinator tom.thomson@agnicoeagle.com | Direct 819.759.3555 x4606744 | Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0





REPORT DATE: MONTH - DAY - YEAR

2019-04-07

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

REPORT TIME

12:00

NT-NU 24-HOUR SPILL REPORT LINE

XORIGINAL SPILL REPORT,

OR

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

REPORT NUMBER

В					OURREN	TO			UPDATE # TO THE ORIGINAL SPILL REPORT										
С	LAND USE PERMIT NUMBER	(IF APPL	ICABL	E)			ı		ATER LICI				APPLICABLE 826	≣)					
	GEOGRAPHIC PLACE NAME				ECTION F	FROM NAME	D LOCAT	TION	REGION	١									
	WHALE TAIL PIT	PRO	JEC	T					□ NWT		NUNA	VUT	□ ADJAC	ENT.	JURISDIC	CTION	OR OCEA	AN	
	LATITUDE DEGREES 65			01	_		51		NGITUDE	≣ 96	:			•)9			21	
	RESPONSIBLE PARTY OR VE	MINUTI		U I		RESPONSIB			EGREES ESS OR (TION	MINUTES		,,,	SE	CONDS	<u> </u>	
	AGNICO EAGLE			TD		BAKEF					, , , , , , , , , , , , , , , , , , , ,								
G	ANY CONTRACTOR INVOLVE	ED			(CONTRACTO	OR ADDF	RESS OF	R OFFICE	LOC	ATION								
	PRODUCT SPILLED HYDRAULIC OIL					QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES 300 LITERS					U.N. NUME	BER							
H	SECOND PRODUCT SPILLED	(IF APPL	ICABL	E)	(QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES					RES	U.N. NUME	BER						
I	SPILL SOURCE BACKHOE				1.	SPILL CAUSE Flange Bolt on Hydraulic Hose				е	15 M2		TAMINATI	ON IN S	SQUARE	METRES			
J	FACTORS AFFECTING SPILL	OR RECO	OVERY	′]	DESCRIBE A	NY ASS	ISTANCI	E REQUIR	RED			HAZARDS	TO P	ERSONS	, PROF	ERTY OF	R EQUIPM	ENT
	Iandfarm area. There were no of lake is estimated Spill location: No Contact informat	at 15 orthing tion: T	0 m g 65	eters 5' 24'1 Thon	outs 0.7"	ide of C	uarr g 96' 9 355	y 2. 42'3	6" on	IOI	_		urses. I				he cl		
L	Tom Thomson	.		. Coo	rdina	tor	1		Eagl	e N	lines		IEADO\			1		[∿] = 59-355	55
N / I	Robin Allard	I	ene Sene	eral S	Super	visor		oloyer gnico	Eagl	e N	lines		TERNATE CO (EADO) CATION					е тегерн 93-461	
						REPORT			′										
N	RECEIVED AT SPILL LINE BY		OSITIO				EMF	PLOYER					CATION CAL					INE NUME	BER
				OPERAT									LLOWKNIFE				67) 920-8		-
LEAD	AGENCY □ EC □ CCG □	GNWT [□ GN	□ ILA □	□ INAC [□ NEB □ T	C ;	SIGNIFIC	CANCE [MIN	OR 🗆 M	MAJOF	R 🗆 UNKNO	WN	FILE	STATU	S 🗆 OPE	EN 🗆 CLO	SED
AGEN	ICY	CONTAC	TNAM	ME			- (CONTAC	TTIME				REMARKS						
LEAD	AGENCY																		
FIRST	T SUPPORT AGENCY																		
SECC	OND SUPPORT AGENCY																		
THIRE																			



2019-04-06 WTP Quarry 2 300 Liters Hydraulic Oil

GN reference #: 2019-302

Please find the following information as a follow up to the Spill report submitted April 7, 2019 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-WTP1826, Part H, Item 8c.

Spill Description

During operations, the flange bolt broke on the hydraulic hose of BAC13 causing hydraulic oil to spill on the ground.



Spill location: N 65 24'10.7" W 096 42'36"

Cause of Spill

The spill was caused due to a flange bolt failure on the main hydraulic hose.

Remediation Actions

When the operator noticed the oil leak, he immediately stopped the equipment and called for a mechanic. All the contaminated material was removed and brought to the landfarm at Meadowbank.



Corrective measures

A routine visual inspection of all systems, including hoses is performed during pre-operations checks as a part of the preventive maintenance program.

Closure

We trust that the above details described appropriately the spill incident that occurred at the Whale Tail site on April 6, 2019 and the cleanup activities. Please contact the undersigned should you have any questions.

Tom Thomson Environmental Coordinator tom.thomson@agnicoeagle.com T: 819.759.3555 x6744 Agnico Eagle Mines Limited Meadowbank Division Baker Lake, Nunavut, Canada XOC 0A0

agnicoeagle.com







Canadä NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	REPORT DATE: MONTH – DAY – YEAR 2019-04-21				15:30			X OF	ORIGINAL SPILL REPO	REPORT NUMBER	
В	OCCURRENCE DATE: MONTH 2019-04-20	– DAY	/ – YEAR			CURRENC 9:30	CE TIME		UPDATE # THE ORIGINAL SPILL I	REPORT	-
С	LAND USE PERMIT NUMBER ((IF API	PLICABLE)				TER LICENCE NUMBE WB-2AM-WT	•	*		
D	GEOGRAPHIC PLACE NAME C			FROM NAMED L	LOCA	ATION	REGION NWT XNUNAN	/UT	☐ ADJACENT JURIS	DICTION	OR OCEAN
Ε	LATITUDE DEGREES 65			seconds 5'		DE	NGITUDE GREES 96		MINUTES 09	SI	ECONDS 21
F	RESPONSIBLE PARTY OR VES		····	BAKER I			ESS OR OFFICE LOCA OX OAO	TION			
G	ANY CONTRACTOR INVOLVED)		CONTRACTOR	ADD	RESS OR	OFFICE LOCATION				
	PRODUCT SPILLED HYDRAULIC OIL			QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES 400 LITERS				U.N. NUMBER			
Н	SECOND PRODUCT SPILLED	(IF AP	PLICABLE)	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES				U.N. NUMBER			
Ι	SPILL SOURCE BACKHOE		SPILL CAUSE Hydraulic line failure			AREA OF CONTAMIN	IATION IN	SQUARE METRES			
J	FACTORS AFFECTING SPILL C	COVERY	DESCRIBE ANY ASSISTANCE REQUIRED				HAZARDS TO PERSO	ONS, PRO	PERTY OR EQUIPMENT		
K	equipment was standfarm area. There were no off lake is estimated Spill location: Not Contact informati	i site at 1	e impacts or di 50 meters outs ng 65° 24'12"	scharge t side of Qu Easting 9 nbault 819	o a arr 6°4	any red ry 2. 12'20" 59 355	ceiving water on IOL 5 ext. 460674	COI	•		
L	REPORTED TO SPILL LINE BY Martin Archamba		POSITION ENV. Coordina	ator		PLOYER gnico	Eagle Mines		CATION CALLING FROM		ELEPHONE 819-759-3555
M	ANY ALTERNATE CONTACT Robin Allard		POSITION General Super	rvisor		PLOYER gnico	Eagle Mines	AL ²	TERNATE CONTACT MEADOWBAN CATION		11 S
				REPORT LIN	IE U	SE ONLY					
Ν	RECEIVED AT SPILL LINE BY		POSITION		EM	PLOYER			CATION CALLED		REPORT LINE NUMBER
	 DAGENCY□EC□CCG□G		STATION OPERATOR ☐ GN ☐ ILA ☐ INAC	□ NEB □ TC		SIGNIFIC	ANCE MINOR M		LLOWKNIFE, NT	,	367) 920-8130 US □ OPEN □ CLOSED
AGE	NCY	CONT	FACT NAME			CONTAC	T TIME		REMARKS		
LEAD	D AGENCY										
FIRS	T SUPPORT AGENCY										
SEC	OND SUPPORT AGENCY										
THIR	D SUPPORT AGENCY										



2019-04-20 WTP Quarry 2 400 liters Hydraulic Oil

GN reference #: 2019-164

Please find the following information as a follow up to the spill report submitted April 20, 2019 by Agnico Eagle. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License NWB-2AM-WTP1826, Part H, Item 8c.

Spill Description

During operations at Whale Tail pit project, the hydraulic line to the pump of a 1250 backhoe failed causing hydraulic oil to spill on the ground.

Location coordinates of the spill: Northing 65°24'12" Easting 96°42'20" on IOL.

There were no off site impact or discharge to any receiving watercourses. Distance to the closest lake is estimated at 150 meters outside Quarry 2.



Cause of Spill

Main hydraulic line of 1250 backhoe failed.

Remediation Actions

The operator immediately stopped the equipment and spill pads were placed on the area where the spill occurred. All contaminated material has been removed and has been be brought to the landfarm at Meadowbank.

Corrective measures

The hoses and fittings are inspected as part of the preventive maintenance program done on site. Routine visual inspection of the hydraulic lines is also performed during pre-operations checks.

<u>Closure</u>

We trust that the above details described appropriately the spill incident that occurred at Whale Tail Pit project on April 20, 2019 and the follow up actions. Please contact the undersigned should you have any questions.



Tom Thomson | Environmental Coordinator tom.thomson@agnicoeagle.com | Direct 819.759.3555 x4606744 | Agnico Eagle Mines Limited - Meadowbank Division, Suite 540 - Baker Lake, Nunavut, Canada X0C 0A0





NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

	05-30-2019	ITH – DAY – YEAR		T TIME	▼ORIGINAL SPILL REPORT, OR	REPORT NUMBER				
В	OCCURRENCE DATE: MONTH – DA	AY – YEAR	000UR	RRENCE TIME	☐ UPDATE # TO THE ORIGINAL SPILL REPORT	·				
С	LAND USE PERMIT NUMBER (IF A	PPLICABLE)		WATER LICENCE NUMBER NWB-2AM-WTF	,	_				
D	GEOGRAPHIC PLACE NAME OR D WHALE TAIL PIT PF		NAMED LOCATION	N REGION □ NWT X NUNAVU	JT ADJACENT JURISDICTION	I OR OCEAN				
Ε	LATITUDE DEGREES 65 MII	NUTES 01 SECON	_{DS} 51	LONGITUDE DEGREES 96	MINUTES 09	SECONDS 21				
F	RESPONSIBLE PARTY OR VESSE AGNICO EAGLE MII		NSIBLE PARTY A	DDRESS OR OFFICE LOCAT XOX 0A0	ION					
G	ANY CONTRACTOR INVOLVED	CONT	RACTOR ADDRES	S OR OFFICE LOCATION						
Н	PRODUCT SPILLED Fuel	QUAN 300		ILOGRAMS OR CUBIC METR	ES U.N. NUMBER					
П	SECOND PRODUCT SPILLED (IF A	PPLICABLE) QUAN	TITY IN LITRES, KI	ILOGRAMS OR CUBIC METR	ES U.N. NUMBER					
Ι	SPILL SOURCE Fuel Truck		cause nan error		AREA OF CONTAMINATION IN 50 m2	I SQUARE METRES				
J	FACTORS AFFECTING SPILL OR F	RECOVERY DESC	RIBE ANY ASSISTA	ANCE REQUIRED	HAZARDS TO PERSONS, PRO	PERTY OR EQUIPMENT				
	The worker started filling the diamond drill overpak (tank) of diesel fuel and he left his work place and going back in his truck. He was distracted and he did not noticed that the overpak (tank) was overflowing. When he noticed the overflowing of diesel fuel he stopped the pump. We estimated that 300 L of diesel fuel went on the ground. Contaminated material will be brought on the appropriate bin. There were no off site impacts or discharge to any receiving watercourses. Distance to the closest lake is 170 m Spill Location: N 65° 24' 30.8" W 96° 40' 54.8" Contact Information: Martin Archambault 819-759-3555 ext. 6744									
K	300 L of diesel fuel of Contaminated mate. There were no off si lake is 170 m. Spill Location: N 65	went on the ground. rial will be brought of te impacts or discha 24' 30.8" W 96° 40°	on the apprarge to any	ropriate bin. v receiving watero						
K	300 L of diesel fuel of Contaminated mate. There were no off si lake is 170 m. Spill Location: N 65	went on the ground. rial will be brought of te impacts or discha 24' 30.8" W 96° 40°	on the apprarge to any 54.8" It 819-759-	ropriate bin. v receiving watero						
K L M	300 L of diesel fuel of Contaminated mate. There were no off sillake is 170 m. Spill Location: N 65 Contact Information.	went on the ground. rial will be brought of the impacts or discharce 24' 30.8" W 96° 40' : Martin Archambau	on the apprarge to any 54.8" It 819-759- EMPLO Agn EMPLO	ropriate bin. v receiving watero v3555 ext. 6744 YER ico Eagle Mines	courses. Distance to	the closest				
L	300 L of diesel fuel of Contaminated mate. There were no off sillake is 170 m. Spill Location: N 65 Contact Information. REPORTED TO SPILL LINE BY Martin Archambaul. ANY ALTERNATE CONTACT	went on the ground. rial will be brought of the impacts or discharge 24' 30.8" W 96° 40' : Martin Archambau POSITION Sr. Coordinator POSITION General Supervisor	on the apprarge to any 54.8" It 819-759- EMPLO Agn EMPLO	ropriate bin. v receiving watero 3555 ext. 6744 VER ico Eagle Mines ICO Eagle Mines	LOCATION CALLING FROM Amaruq ALTERNATE CONTACT	the closest TELEPHONE 8197593555 ALTERNATE TELEPHONE				
L	300 L of diesel fuel of Contaminated mate. There were no off sillake is 170 m. Spill Location: N 65 Contact Information. REPORTED TO SPILL LINE BY Martin Archambaul. ANY ALTERNATE CONTACT	went on the ground. rial will be brought of the impacts or discharge 24' 30.8" W 96° 40' : Martin Archambau POSITION Sr. Coordinator POSITION General Supervisor	on the apprarge to any 54.8" It 819-759- EMPLO Agn EMPLO Agn	ropriate bin. v receiving watero 3555 ext. 6744 YER ico Eagle Mines YER ico Eagle Mines	LOCATION CALLING FROM Amaruq ALTERNATE CONTACT	TELEPHONE 8197593555 ALTERNATE TELEPHONE 8198601414 REPORT LINE NUMBER				
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L M N	300 L of diesel fuel of Contaminated mate There were no off sillake is 170 m Spill Location: N 65 Contact Information REPORTED TO SPILL LINE BY Martin Archambaul ANY ALTERNATE CONTACT RObin Allard RECEIVED AT SPILL LINE BY	went on the ground. rial will be brought of te impacts or discharge 24' 30.8" W 96° 40' E Martin Archambau POSITION Sr. Coordinator POSITION General Supervisor REF POSITION STATION OPERATOR T GN GILA GINAC GNEE	on the apprarge to any 54.8" It 819-759- EMPLOY Agn ORT LINE USE OF EMPLOY EMPLOY ORT LINE USE OF SIG	ropriate bin. receiving water 3555 ext. 6744 YER ico Eagle Mines YER ico Eagle Mines ONLY YER	LOCATION CALLING FROM Amaruq ALTERNATE CONTACT Nunavut LOCATION CALLED YELLOWKNIFE, NT JOR UNKNOWN FILE STAT	TELEPHONE 8197593555 ALTERNATE TELEPHONE 8198601414 REPORT LINE NUMBER				
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L M LEAG	300 L of diesel fuel of Contaminated mate There were no off silake is 170 m Spill Location: N 65 Contact Information REPORTED TO SPILL LINE BY Martin Archambaul ANY ALTERNATE CONTACT Robin Allard RECEIVED AT SPILL LINE BY O AGENCY COI	went on the ground. rial will be brought of te impacts or discharge 24' 30.8" W 96° 40' E Martin Archambau POSITION Sr. Coordinator POSITION General Supervisor REF POSITION STATION OPERATOR T GN GILA GINAC GNEE	on the apprarge to any 54.8" It 819-759- EMPLOY Agn ORT LINE USE OF EMPLOY EMPLOY ORT LINE USE OF SIG	ropriate bin. receiving water 3555 ext. 6744 YER ico Eagle Mines YER ico Eagle Mines ONLY YER	LOCATION CALLING FROM Amaruq ALTERNATE CONTACT Nunavut LOCATION CALLED YELLOWKNIFE, NT JOR UNKNOWN FILE STAT	TELEPHONE 8197593555 ALTERNATE TELEPHONE 8198601414 REPORT LINE NUMBER (867) 920-8130				



2019-05-29 WTP TRK42 300 Liters Diesel

GN reference # : 2019-222

Please find the following information as a follow up to the Spill report submitted May 30, 2019 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-WTP1826, Part H, Item 8c.

Spill Description

During operations the fuel truck was refilling the diamond drill over pack with diesel fuel. During pumping the worker left his work place to get material from his pick up truck. When he noticed the overflowing of diesel fuel, he immediately rushed back to the pump and stopped the pump.





Spill location: N 65 24'30.8" W 096 40'54.8"

Cause of Spill

The spill has been caused by human error when work left the pump during refueling.

Remediation Actions

Spill pads and booms were placed on the ground to collect as much of the free material as possible. The contaminated spills pads were brought to the Hazmat area and the contaminated material was removed and brought to the Meadowbank land farm.





Corrective measures

Worker was met and all fuel operators were reminded of the refueling policy. Environment will conduct routine visual inspections during refueling to ensure all procedures are being followed.

Closure

We trust that the above details described appropriately the spill incident that occurred at the Whale Tail site on May 29, 2019 and the cleanup activities. Please contact the undersigned should you have any questions.

Tom Thomson Environmental Coordinator tom.thomson@agnicoeagle.com T: 819.759.3555 x6744 Agnico Eagle Mines Limited Meadowbank Division Baker Lake, Nunavut, Canada XOC 0A0

agnicoeagle.com









REPORT DATE: MONTH - DAY - YEAR

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

REPORT TIME

NT-NU 24-HOUR SPILL REPORT LINE

XORIGINAL SPILL REPORT,

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

A	06-06-2019	1/-00			XORIGINAL SPILL REI	REPORT NUMBER		
\Box	OCCURRENCE DATE: MONTH - 05-29-2019	- DAY – YEAR		occurri 9:50	ENCE TIME	UPDATE #TO THE ORIGINAL SPIL	LL REPORT	⁷
С	LAND USE PERMIT NUMBER (IF	F APPLICABLE)	1		WATER LICENCE NUMBER NWB-2AM-WTF	,		
	GEOGRAPHIC PLACE NAME OF Whale Tail Project		N FROM NAMED LO	OCATION	REGION □ NWT X NUNAV	JT □ ADJACENT JUI	RISDICTION (OR OCEAN
	LATITUDE DEGREES 65	MINUTES 01	SECONDS 51		LONGITUDE DEGREES 96	MINUTES 09	SE	CONDS 21
_	RESPONSIBLE PARTY OR VESS		RESPONSIBLE P		DRESS OR OFFICE LOCAT	ION		
G	ANY CONTRACTOR INVOLVED		CONTRACTOR A	DDRESS	OR OFFICE LOCATION			
	PRODUCT SPILLED Total Suspended \$	Solids (TSS)	QUANTITY IN LIT	ΓRES, KILO	OGRAMS OR CUBIC METR	U.N. NUMBER		
H	SECOND PRODUCT SPILLED (I	F APPLICABLE)	QUANTITY IN LIT	TRES, KILO	OGRAMS OR CUBIC METR	ES U.N. NUMBER		
I	SPILL SOURCE Dewatering water	(ST-MDMER-5)	SPILL CAUSE Effluent D	Discha	ırge	AREA OF CONTAIN	MINATION IN S	SQUARE METRES
J	FACTORS AFFECTING SPILL O	R RECOVERY	DESCRIBE ANY	ASSISTAN	ICE REQUIRED	HAZARDS TO PEF	RSONS, PROF	PERTY OR EQUIPMENT
K	On June 6, 2019 A ST-MDMER-5 disc Based on a total fl quantity of TSS is Spill location : ST-	harge was at 88 row of 500 m3 befestimated at 45 k	mg/L on Ma tween May kg.	ay 29. 29 9 a	The official labors grain (previous gra	oratory certific	cate is p	ending.
	REPORTED TO SPILL LINE BY Tom Thomson	Env. Coordina		EMPLOYE Agnic	co Eagle Mines	LOCATION CALLING FF		319-759-3555
N / I	ANY ALTERNATE CONTACT Robin Allard	POSITION General Supe		Agnic	co Eagle Mines	ALTERNATE CONTACT MEADOWBA LOCATION		19-860-1414
			REPORT LINE	E USE ON	ILY		ı	
N	RECEIVED AT SPILL LINE BY	POSITION		EMPLOYE	ER .	LOCATION CALLED	R	EPORT LINE NUMBER
11		STATION OPERATOR				YELLOWKNIFE, NT	(8	67) 920-8130
LEAD	AGENCY DEC DCCG DGI	NWT □ GN □ ILA □ INAC	□ NEB □ TC	SIGNI	FICANCE MINOR MA	AJOR UNKNOWN	FILE STATU	S □ OPEN □ CLOSED
AGEN		CONTACT NAME		CONT	ACT TIME	REMARKS		
	AGENCY T SUPPORT AGENCY							
	OND SUPPORT AGENCY							
THIR	O SUPPORT AGENCY							



2019-05-29 WTP TSS Exceedance

GN reference #: 2019-233

Please find the following information as a follow up to the Spill report submitted June 6th, 2019 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-WTP1826, Part H, Item 8c.

Spill Description

The effluent of the ST-MDMER-5 Whale Tail North Basin dewatering was sampled on May 29, 2019 at 9:50 am as required by the Water license 2AM-WTP1826. The discharge of the ST-MDMER-5 was planned to be stopped on May 29 so that the dewatering pipe could be moved into a deeper section of the Whale Tail North Basin. At 10:00am the pumps were shut down. On June 6, 2019 – laboratory certificate showed a TSS level of 88 mg/L. Based on the total flow of 500 m3 between May 29 9:00am (previous grab sample) and May 29 10:00am, the quantity of TSS is estimated at 45 kg.

Spill location: N 65 23'51.3" W 096 40'49"

Cause of Spill

The dewatering of Whale Tail North Basin was planned to be stopped on May 29, 2019 to extend the dewatering pipe into a deeper portion of the North Basin to avoid creating a disturbance of the lakebed sediment. The daily readings/samples did not indicate a significant increase in water quality but it is assumed that as the water level decreased a small amount of sediment was being disturbed and entered the dewatering pipe.

Remediation Actions

The discharge was stopped and the dewatering pad and dewatering pipe was extended into a deeper portion of the Whale Tail North basin. The water was then recirculated until laboratory results confirmed that dewatering could continue. Dewatering of the Whale Tail North Basin continued on June 22, 2019 through the WTP to Mammoth Lake.

Corrective measures

As per our dewatering management plan, routine monitoring of TSS & Turbidity will be collected at the water intake pumps daily; in addition, daily visual inspections of the impounded area for sediment slumps or plumes will be completed. Weekly monitoring of the receiving environment will also be conducted as per the Type A Water Licence. Trigger values have been developed with corresponding management action plans; should TSS concentrations in a single grab sample exceeds the short term maximum values, this will trigger a series of actions which includes up to stopping the dewatering.

Closure

We trust that the above details described appropriately the spill incident that occurred at the Whale Tail site on May 29, 2019 and the cleanup activities. Please contact the undersigned should you have any questions.

Tom Thomson

Environmental Coordinator tom.thomson@agnicoeagle.com T: 819.759.3555 x6744 Agnico Eagle Mines Limited

Meadowbank Division Baker Lake, Nunavut, Canada XOC 0A0

agnicoeagle.com

AGNICO EAGLE





Canadä NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	REPORT DATE: MONTH – DAY – YEAR 2019-06-17			EPORT TIME	XORIGINAL SPILL REPORT, OR	REPORT NUMBER
В	OCCURRENCE DATE: MONTH	– DAY – YEAR		CCURRENCE TIME	UPDATE #TO THE ORIGINAL SPILL REPO	RT
С	LAND USE PERMIT NUMBER (I	IF APPLICABLE)		NWB-2AM-WTF	,	
D	GEOGRAPHIC PLACE NAME O		ON FROM NAMED LOC	ATION REGION NWT XNUNAV	UT □ ADJACENT JURISDICT	ON OR OCEAN
Ε	LATITUDE DEGREES 65	MINUTES 01	seconds 51	DEGREES 96	MINUTES 09	SECONDS 21
F	AGNICO EAGLE			RTY ADDRESS OR OFFICE LOCAT	FION	
G	ANY CONTRACTOR INVOLVED)	CONTRACTOR ADI	DRESS OR OFFICE LOCATION		
	PRODUCT SPILLED HYDRAULIC OIL		QUANTITY IN LITE 450 LITER	ES, KILOGRAMS OR CUBIC METF	RES U.N. NUMBER	
Н	SECOND PRODUCT SPILLED ((IF APPLICABLE)	QUANTITY IN LITR	ES, KILOGRAMS OR CUBIC METF	RES U.N. NUMBER	
I	SPILL SOURCE BACKHOE		SPILL CAUSE Hydraulic s	system failure	AREA OF CONTAMINATION 30 M2	I IN SQUARE METRES
J	FACTORS AFFECTING SPILL C	DR RECOVERY	DESCRIBE ANY AS	SISTANCE REQUIRED	HAZARDS TO PERSONS, F	PROPERTY OR EQUIPMENT
K	Iandfarm area. There were no off lake is estimated a Spill location: No	site impacts or o at 150 meters ou rthing 65° 24'11.3	discharge to a tside of Quar " Easting 90	•	courses. Distance t	
L	REPORTED TO SPILL LINE BY Martin Archamba			MPLOYER Agnico Eagle Mines	LOCATION CALLING FROM MEADOWBANK	TELEPHONE 819-759-3555
M	ANY ALTERNATE CONTACT Robin Allard	POSITION General Supe		MPLOYER Agnico Eagle Mines	ALTERNATE CONTACT MEADOWBANK LOCATION	867-793-4610
			REPORT LINE U	JSE ONLY	1	
Ν	RECEIVED AT SPILL LINE BY	POSITION	EM	MPLOYER	LOCATION CALLED	REPORT LINE NUMBER
	AGENCY DEC DCCG DG	STATION OPERATOR	C □ NEB □ TC	SIGNIFICANCE MINOR M	YELLOWKNIFE, NT	(867) 920-8130 IATUS □ OPEN □ CLOSED
AGE		CONTACT NAME		CONTACT TIME	REMARKS	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
) AGENCY					
FIRS	T SUPPORT AGENCY					
SEC	OND SUPPORT AGENCY					
T	D SUPPORT AGENCY					



2019-06-16 WTP Quarry 2 450 Liters Hydraulic Oil

GN reference #: 2019-242

Please find the following information as a follow up to the Spill report submitted June 17th, 2019 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-WTP1826, Part H, Item 8c.

Spill Description

During operations the hydraulic system hose of BAC09 busted due to mechanical failure. The equipment was shut down and the contaminated material was picked up and brought to the landfarm at Meadowbank.





Spill location: N 65 24'11.3" W 096 42'16.7"

Cause of Spill

The spill has been caused by mechanical issue with the hose.

Remediation Actions

When he saw the oil during his move the operator stop the shovel and called for a mechanic. All the contaminated muck was sent to the tankfarm at Meadowbank.

Corrective measures

A routine visual inspection of all system is performed during pre-operations checks as a part of the preventive maintenance program.

Closure

We trust that the above details described appropriately the spill incident that occurred at the Whale Tail site on June 16th, 2019 and the cleanup activities. Please contact the undersigned should you have any questions.

Martin Archambault

Environmental Senior Coordinator martin.archambault@agnicoeagle.com T: 819.759.3555 x6744 Agnico Eagle Mines Limited

blet Archarband

Agnico Eagle Mines Limited
Meadowbank Division
Baker Lake, Nunavut, Canada
X0C 0A0

70C 0A0

agnicoeagle.com









NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	REPORT DATE: MONTH – DAY – Y 06-27-2019			T TIME 0	▼ORIGINAL SPILL REPORT, OR	REPORT NUMBER				
В	OCCURRENCE DATE: MONTH – E	OAY – YEAR	0CCUR 16:3	RENCE TIME	☐ UPDATE # TO THE ORIGINAL SPILL REPORT	-				
С	LAND USE PERMIT NUMBER (IF	APPLICABLE)	,	WATER LICENCE NUMBER NWB-2AM-WTP	,					
D	GEOGRAPHIC PLACE NAME OR WHALE TAIL PIT P	DISTANCE AND DIRECTION FROM ROJECT	NAMED LOCATION	REGION NWT X NUNAVU	JT □ ADJACENT JURISDICTIO	N OR OCEAN				
Ε	LATITUDE DEGREES 65 M	INUTES 01 SECON	NDS 51	LONGITUDE DEGREES 96	MINUTES 09	SECONDS 21				
F	RESPONSIBLE PARTY OR VESSE AGNICO EAGLE MI		ONSIBLE PARTY A	DDRESS OR OFFICE LOCATION OF THE CONTROL OF THE CON	ION					
G	ANY CONTRACTOR INVOLVED	CONT	RACTOR ADDRESS	S OR OFFICE LOCATION						
Н	PRODUCT SPILLED Fuel	QUAN 20 0		LOGRAMS OR CUBIC METRI	ES U.N. NUMBER					
П	SECOND PRODUCT SPILLED (IF	APPLICABLE) QUAN	ITITY IN LITRES, KI	LOGRAMS OR CUBIC METRI	ES U.N. NUMBER					
	SPILL SOURCE Fuel Truck		cause oken equipr	nent	AREA OF CONTAMINATION IF 5 m2	N SQUARE METRES				
J	FACTORS AFFECTING SPILL OR	RECOVERY DESC	RIBE ANY ASSISTA	ANCE REQUIRED	HAZARDS TO PERSONS, PRO	OPERTY OR EQUIPMENT				
K	Fuel truck operator noticed fuel leaking behind him when returning from his fuel run. He pulled over and noticed a broken pipe. The fuel spill was contained with absorbent. 200 L of diesel fuel went on the ground. Contaminated material will be brought in the landfarm at Meadowbank. There were no off site impacts or discharge to any receiving watercourses. Distance to the closest lake is 1000 m Spill Location: N 65° 13' 33.2" W 96° 23' 33.6" Contact Information: Martin Archambault 819-759-3555 ext. 6744									
	Contact Information			3555 ext. 6744						
L	REPORTED TO SPILL LINE BY Martin Archambaul	n: Martin Archambau	emplo Agni	_{YER} ico Eagle Mines	LOCATION CALLING FROM Amaruq	TELEPHONE 8197593555				
L M	REPORTED TO SPILL LINE BY	n: Martin Archambau	EMPLON Agni	_{YER} ico Eagle Mines						
L M	REPORTED TO SPILL LINE BY Martin Archambaul ANY ALTERNATE CONTACT	POSITION Sr. Coordinator POSITION General Supervisor	EMPLON Agni	rer ico Eagle Mines rer ico Eagle Mines	Amaruq ALTERNATE CONTACT Nunavut	8197593555 ALTERNATE TELEPHONE				
	REPORTED TO SPILL LINE BY Martin Archambaul ANY ALTERNATE CONTACT	POSITION Sr. Coordinator POSITION General Supervisor POSITION	EMPLOY Agni EMPLOY Agni Cor Agni	ico Eagle Mines YER ico Eagle Mines	Amaruq ALTERNATE CONTACT Nunavut LOCATION CALLED	8197593555 ALTERNATE TELEPHONE 8198601414 REPORT LINE NUMBER				
N	REPORTED TO SPILL LINE BY Martin Archambaul ANY ALTERNATE CONTACT Robin Allard RECEIVED AT SPILL LINE BY	POSITION Sr. Coordinator POSITION General Supervise POSITION STATION OPERATOR	EMPLOY Agni EMPLOY Agni PORT LINE USE O	YER ico Eagle Mines YER ico Eagle Mines ONLY YER	Amaruq ALTERNATE CONTACT Nunavut LOCATION CALLED YELLOWKNIFE, NT	8197593555 ALTERNATE TELEPHONE 8198601414 REPORT LINE NUMBER (867) 920-8130				
N	REPORTED TO SPILL LINE BY Martin Archambaul ANY ALTERNATE CONTACT Robin Allard RECEIVED AT SPILL LINE BY D AGENCY EC CCG GNV	POSITION Sr. Coordinator POSITION General Supervise REI POSITION STATION OPERATOR VT GN LA LINAC NE	EMPLOY Agni EMPLOY Agni PORT LINE USE C EMPLOY EMPLOY	YER ico Eagle Mines YER ico Eagle Mines ONLY YER NIFICANCE MINOR MA	Amaruq ALTERNATE CONTACT Nunavut LOCATION CALLED YELLOWKNIFE, NT JOR UNKNOWN FILE STAT	8197593555 ALTERNATE TELEPHONE 8198601414 REPORT LINE NUMBER				
N LEAD	REPORTED TO SPILL LINE BY Martin Archambaul ANY ALTERNATE CONTACT Robin Allard RECEIVED AT SPILL LINE BY D AGENCY EC CCG GNV NCY CC	POSITION Sr. Coordinator POSITION General Supervise POSITION STATION OPERATOR	EMPLOY Agni EMPLOY Agni PORT LINE USE C EMPLOY EMPLOY	YER ico Eagle Mines YER ico Eagle Mines ONLY YER	Amaruq ALTERNATE CONTACT Nunavut LOCATION CALLED YELLOWKNIFE, NT	8197593555 ALTERNATE TELEPHONE 8198601414 REPORT LINE NUMBER (867) 920-8130				
N LEAD AGEI	REPORTED TO SPILL LINE BY Martin Archambaul ANY ALTERNATE CONTACT Robin Allard RECEIVED AT SPILL LINE BY D AGENCY EC CCG GNV	POSITION Sr. Coordinator POSITION General Supervise REI POSITION STATION OPERATOR VT GN LA LINAC NE	EMPLOY Agni EMPLOY Agni PORT LINE USE C EMPLOY EMPLOY	YER ico Eagle Mines YER ico Eagle Mines ONLY YER NIFICANCE MINOR MA	Amaruq ALTERNATE CONTACT Nunavut LOCATION CALLED YELLOWKNIFE, NT JOR UNKNOWN FILE STAT	8197593555 ALTERNATE TELEPHONE 8198601414 REPORT LINE NUMBER (867) 920-8130				
N LEAD AGEI LEAD	REPORTED TO SPILL LINE BY Martin Archambaul ANY ALTERNATE CONTACT Robin Allard RECEIVED AT SPILL LINE BY D AGENCY DEC DCCG DGN NCY CCC	POSITION Sr. Coordinator POSITION General Supervise REI POSITION STATION OPERATOR VT GN LA LINAC NE	EMPLOY Agni EMPLOY Agni PORT LINE USE C EMPLOY EMPLOY	YER ico Eagle Mines YER ico Eagle Mines ONLY YER NIFICANCE MINOR MA	Amaruq ALTERNATE CONTACT Nunavut LOCATION CALLED YELLOWKNIFE, NT JOR UNKNOWN FILE STAT	8197593555 ALTERNATE TELEPHONE 8198601414 REPORT LINE NUMBER (867) 920-8130				



2019-06-27 WTP_FUEL_TRUCK_200_Liters_Fuel_SPILL

GN reference #: 2019-262

Please find the following information as a follow up to the spill report submitted June 27th, 2019 by Agnico Eagle. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License NWB-2AM-WTP1826, Part H, Item 8c.

Spill Description

Fuel truck operator noticed fuel leaking behind him when returning from his fuel run. He pulled over and noticed a broken pipe. The fuel spill was contained with absorbent. 200 L of diesel fuel went on the ground.

Location coordinates of the spill: Northing 65°13'33.2" Easting 96°23'33.6"

There were no off site impact or discharge to any receiving watercourses. Distance to the closest lake is estimated at 1000 meters.





Cause of Spill

The leak was caused by broken pipe.

Remediation Actions

The operator stopped immediately his truck and makes and go to see where the problem coming from. He put immediately absorbent to control the spill. All contaminated soil has been removed and it was brought at the landfarm at Meadowbank.





Corrective measures

All the system including hoses and fittings are inspected as part of the preventive maintenance program done on site. Routine visual inspection of this component is also performed during pre-operations checks.

<u>Closure</u>

We trust that the above details described appropriately the spill incident that occurred at WTP on June 27th, 2019 and the follow up actions. Please contact the undersigned should you have any questions.

Martin Archambault

Environmental Senior Coordinator

martin.archambault@agnicoeagle.com

what Archarblade

T: 819.759.3555 x6744

Agnico Eagle Mines Limited

Meadowbank Division

Baker Lake, Nunavut, Canada

X0C 0A0

agnicoeagle.com









Canada NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	N				TIME		XORIGINAL SPILL REPORT,				
_	2019-06-29			8:30			OR	- ,	REPORT NUMBER		
В	OCCURRENCE DATE: MONTH - 2019-06-28	– DAY – YEAR		11:00	ENCE TIME		□ UPDATE # TO THE ORIGINAL	SPILL REPORT	-		
С	LAND USE PERMIT NUMBER (I	F APPLICABLE)			NWB-2AN		(IF APPLICABLE) -1826				
D	GEOGRAPHIC PLACE NAME O WHALE TAIL PIT I		CTION FROM NAMED L	OCATION	REGION	X NUNAVU	T ADJACEN	T JURISDICTION	OR OCEAN		
_	LATITUDE				LONGITUDE						
Е	DEGREES 65	MINUTES 01	SECONDS 51		DEGREES 96		MINUTES	09 SE	CONDS 21		
F	RESPONSIBLE PARTY OR VES	MINES LTD	BAKER I	PARTY ADDRESS OR OFFICE LOCATION LAKE XOX 0A0							
G	ORBIT GARANT		CONTRACTOR	ADDRESS	OR OFFICE LOC	ATION					
	PRODUCT SPILLED HYDRAULIC OIL		QUANTITY IN LI	ITRES, KILO	OGRAMS OR CUI	BIC METRE	S U.N. NUMBER	3			
Η	SECOND PRODUCT SPILLED (IF APPLICABLE)	QUANTITY IN LI	ITRES, KILO	OGRAMS OR CUI	BIC METRE	S U.N. NUMBER	3			
I	SPILL SOURCE HYDRAULIC HOS	ED HO	SE		AREA OF CO 10m2	NTAMINATION IN	SQUARE METRES				
J	FACTORS AFFECTING SPILL O	' ASSISTAN	ICE REQUIRED		HAZARDS TO	PERSONS, PROF	PERTY OR EQUIPMENT				
	ADDITIONAL INFORMATION, CO	OMMENTS, ACTIONS PF	 ROPOSED OR TAKEN T	O CONTAIN	N, RECOVER OR	DISPOSE C	 DF SPILLED PROD	UCT AND CONTA	MINATED MATERIALS		
K	caused oil to spill pad were used to the land farm. There were no off lake is estimated a Spill Location: No Contact information	clean up the d site impacts o at 150m to Who	rill and the co or discharge to ale Tail North 6.65" Easting	ontami o any i basin g 96' 4'	nated mat receiving v 1'2.7" on l	erial w waterc	vill be picke	ed up and I	orought to		
L	REPORTED TO SPILL LINE BY Tom Thomson	POSITION Env. Coord	dinator	EMPLOYE	R Co Eagle N		LOCATION CALLIN	-	ELEPHONE 819-759-3555		
M	ANY ALTERNATE CONTACT Robin Allard	POSITION General Su		EMPLOYE			ALTERNATE CONT Meadowba	ACT A	LTERNATE TELEPHONE 819-860-1414		
			REPORT LIN				LOCATION				
N.	RECEIVED AT SPILL LINE BY	POSITION		EMPLOYE	ER .		LOCATION CALLE	D R	EPORT LINE NUMBER		
N		STATION OPERATO)R			,	YELLOWKNIFE, N	Γ (8	867) 920-8130		
LEA	DAGENCY DEC DCG DG	NWT □GN □ILA □	INAC □ NEB □ TC	SIGNI	FICANCE MIN	IOR 🗆 MAJ	IOR UNKNOWN	FILE STATU	S □ OPEN □ CLOSED		
AGE	NCY	CONTACT NAME		CONT	ACT TIME		REMARKS				
LEA	D AGENCY										
FIRS	FIRST SUPPORT AGENCY										
SECOND SUPPORT AGENCY											
THIRD SUPPORT AGENCY											



2019-06-28 WTP DRILL 150 Liters HYDRAULIC OIL SPILL

GN reference #: 2019-262

Please find the following information as a follow up to the spill report submitted June 29, 2019 by Agnico Eagle. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License NWB-2AM-WTP1826, Part H, Item 8c.

Spill Description

During the start up of a diamond drill, the main hydraulic hose from the tank SH-92 Drill broke which caused oil to spill on the ground and on the drill.

Location coordinates of the spill: Northing 65°24'16.65" Easting 96°42'2.7"

There were no off site impact or discharge to any receiving watercourses. Distance to the closest lake is estimated at 150 meters to Whale Tail North Basin.



Cause of Spill

The spill was caused by broken hydraulic hose.

Remediation Actions

The operator immediately stopped the drill. Absorbent pads were placed on the ground and the drill. The contaminated soil was scraped up and brought to the Meadowbank landfarm.



Corrective measures

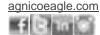
All the system including hoses and fittings are inspected as part of the preventive maintenance program done on site. Routine visual inspection of this component is also performed during pre-operations checks.

Closure

We trust that the above details described appropriately the spill incident that occurred at WTP on June 28, 2019 and the follow up actions. Please contact the undersigned should you have any questions.

Tom Thomson
Environmental Coordinator

tom.thomson@agnicoeagle.com T: 819.759.3555 x6744 Agnico Eagle Mines Limited Meadowbank Division Baker Lake, Nunavut, Canada XOC 0A0









NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α				EPORT TIME			XORIGINAL SPILL REPORT,			3	
$\overline{}$	2019-07-09	- VEAD	11:3				OR		, ,	REPORT NUMBER	
В	OCCURRENCE DATE: MONTH – DA 2019-07-08	AY – YEAR	20:3		ICE TIME		☐ UPDATE # _ TO THE ORIG	INAL SPILI	L REPORT		
С	LAND USE PERMIT NUMBER (IF A	APPLICABLE)			ATER LICENCE		,	LE)			
D		DISTANCE AND DIRECTION FROM NAME	ED LOCATIO!	N	REGION						
ט	Whale Tail Pit Proje	:ct		1,		XNUNAVU	JT 🗆 ADJA	CENT JUR	RISDICTION	OR OCEAN	
Е	LATITUDE DEGREES 65 MII	IINUTES 01 SECONDS	51		ONGITUDE EGREES 96	រំ	MINUTE	ES 09	SF	ECONDS 21	
F	RESPONSIBLE PARTY OR VESSE AGNICO EAGLE MII	EL NAME RESPONSIB		ADDRE	RESS OR OFFIC	E LOCATI					
G	ANY CONTRACTOR INVOLVED	CONTRACTO	OR ADDRES	SOR	R OFFICE LOCA	ATION					
	PRODUCT SPILLED DIESEL FUEL	QUANTITY II 100 LIT		LOG	RAMS OR CUB	3IC METRE	ES U.N. NUM	/BER			
Η	SECOND PRODUCT SPILLED (IF A	APPLICABLE) QUANTITY II	N LITRES, KI	LOGI	BRAMS OR CUB	3IC METRE	ES U.N. NUM	/BER			
	SPILL SOURCE DRILL		SPILL CAUSE BROKEN DRAIN PLUG				10M2		NATION IN	SQUARE METRES	
J	J FACTORS AFFECTING SPILL OR RECOVERY BLAST PATTERN DESCRIBE ANY ASSISTANCE REQUIRED						HAZARD	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT			
	ADDITIONAL INFORMATION, COM	MMENTS, ACTIONS PROPOSED OR TAKE	EN TO CONT	ΑΙΝ, Γ	RECOVER OR [DISPOSE (OF SPILLED P	RODUCT	AND CONTA	MINATED MATERIALS	
K	secondary containing The spill occurred of There were no off si lake is estimated at Spill Location: North	causing damage to the f ment bucket was put und on a blast pattern which site impacts or discharge t 250m to Whale Tail Nor thing 65' 24'25.4" Eastin n: Tom Thomson 819 75	derneat will be e to any rth Basi	th the color y red in.	the fuel ta ollected and eceiving w	ank whand pro	hile the d ocessed	drain p throug	olug was gh the N	s replaced. Mill.	
1	REPORTED TO SPILL LINE BY	POSITION Coordinator	EMPLO				LOCATION CA			ELEPHONE	
	Tom Thomson ANY ALTERNATE CONTACT	ENV. Coordinator	AEN				Meadow			819-759-3555	
M	Robin Allard	General Supervisor	AEN				Meadov Location	vbank		819-860-1414	
			LINE USE C								
N	RECEIVED AT SPILL LINE BY	POSITION OPERATOR	EMPLO'	ÝER			LOCATION CA			REPORT LINE NUMBER	
		STATION OPERATOR					YELLOWKNIF		,	867) 920-8130	
_		WT GN LIA LINAC NEB T			CANCE MINO	OR □ MA			FILE STATU	JS □ OPEN □ CLOSED	
AGE		DNTACT NAME	COr	-TAC	CT TIME		REMARKS	<u> </u>			
LEAD	D AGENCY										
FIRS	FIRST SUPPORT AGENCY										
SEC	OND SUPPORT AGENCY										



2019-07-08 WTP 100 Liters Diesel

GN reference #: 2019-273

Please find the following information as a follow up to the Spill report submitted July 9^{th,} 2019 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2BB-MEA1318, Part H, Item 5c.

Spill Description

During operations at Quarry 2 of Whale Tail pit project, a rock on RBD04 drill got stuck between the track and fuel tank causing damage to the fuel tank drain plug.





Spill location: N 65° 24'25.4" W 096° 42'22.5"

Cause of Spill

The spill has been caused rock struck between the track and fuel tank causing damage to the fuel tank drain plug.

Remediation Actions

The drill was shut down and a secondary containment bucket was put underneath the fuel tank while the drain plug was replaced. The spill occurred on a blast pattern which was collected and processed through the Mill

Corrective measures

A routine visual inspection of all system is performed during pre-operations checks as a part of the preventive maintenance program.

Closure

We trust that the above details described appropriately the spill incident that occurred at the Whale Tail site on July 9th, 2019 and the cleanup activities. Please contact the undersigned should you have any questions.

Martin Archambault

Environmental Senior Coordinator

martin.archambault@agnicoeagle.com

Wet Acharbeach

T: 819.759.3555 x6744 Agnico Eagle Mines Limited

Meadowbank Division

Baker Lake, Nunavut, Canada X0C 0A0

agnicoeagle.com

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AGNICO EAGLE







NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α				REPORT		X C	ORIGINAL SPILL REP			
$\overline{}$	2019-08-10				21:0		OR	PR		REPORT NUMBER
В	2019-08-09				14:0		ТО	JPDATE # THE ORIGINAL SPILI	-	
С	LAND USE PERMIT NUMBER ((IF AP	PLICABLE)			NWB-2AM-WT	•	*		
D	GEOGRAPHIC PLACE NAME OF WHALE TAIL PIT			I FROM NAMED L	OCATION	REGION NWT XNUNAN	/UT	☐ ADJACENT JURISDICTION OR OCEAN		
Е	LATITUDE				_	LONGITUDE				
_	DEGREES 65		UTES 01	SECONDS 51		DEGREES 96		MINUTES 09	SI	ECONDS 21
F	AGNICO EAGLE I	MIN		BAKER I	LAKE	XOX OAO	TION			
G	ANY CONTRACTOR INVOLVED)		CONTRACTOR	ADDRESS	OR OFFICE LOCATION				
	PRODUCT SPILLED HYDRAULIC OIL			QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES 200 LITERS				U.N. NUMBER		
Н	SECOND PRODUCT SPILLED	(IF AF	PPLICABLE)	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES				U.N. NUMBER		
I	SPILL SOURCE BACKHOE			SPILL CAUSE Hydraulic hose failure				AREA OF CONTAM 30 M2	INATION IN	SQUARE METRES
J	FACTORS AFFECTING SPILL (OR RE	ECOVERY	_		NCE REQUIRED		HAZARDS TO PERS	SONS, PRO	PERTY OR EQUIPMENT
$\stackrel{\smile}{-}$	ADDITIONAL INFORMATION, C	OMN	IENTS ACTIONS PROPO	SED OB TAKEN T		IN RECOVER OR DISPOSI	E OE 9	SPILLED PRODUCT /	AND CONTA	MINATED MATERIALS
K	There were no off lake is estimated Spill location: No Contact informati	at 1	150 meters out ng 65' 24'25.9"	side of Qu Easting	arry 2 96' 42	 '02" on IOL	cor	urses. Dista	nce to	the closet
L	REPORTED TO SPILL LINE BY Samuel Tapp	,	POSITION Technician		EMPLOY Aani	co Eagle Mines		CATION CALLING FRO		ELEPHONE 819-759-3555
M	ANY ALTERNATE CONTACT Robin Allard		POSITION General Supe	rvisor	EMPLOY		ALT	TERNATE CONTACT	A	LTERNATE TELEPHONE 867-793-4610
			<u> </u>	REPORT LIN			1_0			
N I	RECEIVED AT SPILL LINE BY		POSITION		EMPLOY	ΈR	LO	CATION CALLED	F	REPORT LINE NUMBER
N			STATION OPERATOR				YEI	LLOWKNIFE, NT	(367) 920-8130
LEAD	AGENCY DEC DCCG DC	GNWT	□ GN □ ILA □ INAC	□ NEB □ TC	SIGN	NIFICANCE - MINOR - M	MAJOR	R 🗆 UNKNOWN	FILE STATU	JS □ OPEN □ CLOSED
AGE	NCY	CON	TACT NAME		CON	TACT TIME		REMARKS		
LEAD) AGENCY									
FIRS	T SUPPORT AGENCY									
SEC	OND SUPPORT AGENCY									
THIR	D SUPPORT AGENCY									



2019-08-09 WTP 200 Liters Hydraulic Oil

GN reference #: 2019-319

Please find the following information as a follow up to the Spill report submitted August 9, 2019 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-WTP1826, Part H, Item 8c.

Spill Description

During operations at Whale Tail pit, the hydraulic hose underneath BAC13 broke due to mechanical failure causing hydraulic oil to spill on the ground.

Spill location: N 65 24'25.9" W 096 42'02"

There were no off site impacts or discharge to any receiving watercourses. Distance to the closet lake is estimated at 150 meters outside of Quarry 2.

Cause of Spill

The spill was due to the mechanical failure of the hydraulic hose.

Remediation Actions

The equipment was immediately shut down and maintenance was called to replace the broken hose. Once the hose was replaced and the equipment was moved, the contaminated material was removed and brought to the Meadowbank landfarm. Approximately 8m3 was brought to the landfarm.



Corrective measures

A routine visual inspection of all system is performed during pre-operations checks as a part of the preventive maintenance program.

Closure

We trust that the above details described appropriately the spill incident that occurred at the Whale Tail site on August 9, 2019 and the cleanup activities. Please contact the undersigned should you have any questions.

Tom Thomson Environmental Coordinator tom.thomson@agnicoeagle.com T: 819.759.3555 x4606744 Agnico Eagle Mines Limited Meadowbank Division Baker Lake, Nunavut, Canada XOC 0A0









REPORT DATE: MONTH - DAY - YEAR

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

REPORT TIME

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

Α	2019-08-22	TEAR	19:4	45	▼ORIGINAL SPILL REPORT, OR	REPORT NUMBER				
В	OCCURRENCE DATE: MONTH – 2019-08-21	DAY – YEAR	occui 22:3	RRENCE TIME	□ UPDATE # TO THE ORIGINAL SPILL REPO	PRT				
С	LAND USE PERMIT NUMBER (IF	APPLICABLE)	,	WATER LICENCE NUMBER (IF APPLICABLE) NWB-2AM-WTP-1826						
D	GEOGRAPHIC PLACE NAME OF WHALE TAIL PIT F		FROM NAMED LOCATIO	REGION NWT XNUNAVU	IT □ ADJACENT JURISDICT	ION OR OCEAN				
Е			ECONDS 10	LONGITUDE DEGREES 96	MINUTES 42	SECONDS 43				
F	AGNICO EAGLE M		RESPONSIBLE PARTY A BAKER LAKE	ADDRESS OR OFFICE LOCATI	ON					
G	ANY CONTRACTOR INVOLVED	(CONTRACTOR ADDRES	SS OR OFFICE LOCATION						
	PRODUCT SPILLED HYDRAULIC OIL	(QUANTITY IN LITRES, R	KILOGRAMS OR CUBIC METRI	U.N. NUMBER					
Н	SECOND PRODUCT SPILLED (IF	F APPLICABLE)	QUANTITY IN LITRES, F	KILOGRAMS OR CUBIC METRI	ES U.N. NUMBER					
ı	SPILL SOURCE BACKHOE		SPILL CAUSE Hydraulic sys	stem failure	AREA OF CONTAMINATIO 20 M2	N IN SQUARE METRES				
J	FACTORS AFFECTING SPILL OF	R RECOVERY	DESCRIBE ANY ASSIST	TANCE REQUIRED	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT					
K	There were no off slake is estimated a Spill location: Nort Contact information	site impacts or dis it 150 meters outs thing 65° 24' 14.7"	scharge to any ide of Quarry Easting 96°	y receiving watero 2. 42' 33.2" on IOL	ourses. Distance	to the closest				
L	REPORTED TO SPILL LINE BY Nicolas Saucier	POSITION ENV. Sr Techn	ician Agr	oyer nico Eagle Mines	LOCATION CALLING FROM MEADOWBANK	TELEPHONE 819-759-3555				
M	ANY ALTERNATE CONTACT Robin Allard	POSITION General Super	visor Agr	oyer nico Eagle Mines	ALTERNATE CONTACT MEADOWBANK LOCATION	867-793-4610				
			REPORT LINE USE	ONLY						
Ν	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLO	DYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130				
LEAD	I DAGENCY□EC□CCG□GN		□ NEB □ TC SIG	GNIFICANCE □ MINOR □ MA		TATUS □ OPEN □ CLOSED				
AGE	NCY C	ONTACT NAME	cc	DNTACT TIME	REMARKS					
LEAD	AGENCY									
FIRS	T SUPPORT AGENCY									
SEC	OND SUPPORT AGENCY									



2019-08-21 WTP 200 Liters Hydraulic Oil

GN reference # : 2019-333

Please find the following information as a follow up to the Spill report submitted August 22, 2019 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-WTP1826, Part H, Item 8c.

Spill Description

During operations at Whale Tail pit, the hydraulic system hose of BAC10 broke due to mechanical failure causing hydraulic oil to spill on the ground.

Spill location: N 65 24'10.6" W 096 42'43.4"

The hydraulic hose was repaired on BAC10 and the unit was put back into production. Approximately 3hrs after the initial repair, the hydraulic hose broke for a second time causing hydraulic oil to spill on the ground.

Spill location: N 65 24'14.7" W 096 42'33.2"

There were no off site impacts or discharge to any receiving watercourses. Distance to the closet lake is estimated at 150 meters outside of Quarry 2.

Cause of Spill

The spill was due to the mechanical failure of the hydraulic hoses.



Remediation Actions

The equipment was immediately shut down and maintenance was called to replace the broken hose. Once the hose was replaced and the equipment was moved, the contaminated material was removed and brought to the Meadowbank landfarm. A combined total of 16m3 was collected from both spills and brought to the landfarm.



Corrective measures

A routine visual inspection of all system is performed during pre-operations checks as a part of the preventive maintenance program.

Closure

We trust that the above details described appropriately the spill incident that occurred at the Whale Tail site on August 21, 2019 and the cleanup activities. Please contact the undersigned should you have any questions.

Tom Thomson Environmental Coordinator tom.thomson@agnicoeagle.com T: 819.759.3555 x4606744 Agnico Eagle Mines Limited Meadowbank Division Baker Lake, Nunavut, Canada

agnicoeagle.com

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NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

Α	REPORT DATE: MONTH – DAY	AR	REPORT TIME			XORIGINAL SPIL	I REPORT				
$\overline{}$	2019-08-22				19:30			OR		REPORT NUMBER	
В	2019-08-21	I – DA'	Y – YEAR		16:3				-		
С	LAND USE PERMIT NUMBER ((IF AP	PLICABLE)			WATER LICENCE NUMBER (IF APPLICABLE) NWB-2AM-WTP-1826					
D	GEOGRAPHIC PLACE NAME OF WHALE TAIL PIT			FROM NAMED L	OCATION	REGION	Xnunavl	JT □ ADJACEN	IT JURISDICTION	I OR OCEAN	
Е	LATITUDE DEGREES 65	MIN	UTES 24	SECONDS 10 LONGITUDE DEGREES 96			MINUTES	42	seconds 43		
F	RESPONSIBLE PARTY OR VES			RESPONSIBLE BAKER I				ION			
G	ANY CONTRACTOR INVOLVED	CONTRACTOR	CONTRACTOR ADDRESS OR OFFICE LOCATION								
	PRODUCT SPILLED HYDRAULIC OIL			QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES 200 LITERS				ES U.N. NUMBE	R		
H	SECOND PRODUCT SPILLED (IF APPLICABLE)			QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES				ES U.N. NUMBE	R		
ı	SPILL SOURCE BACKHOE	SPILL CAUSE Hydraulic system failure				AREA OF CO 10 M2	AREA OF CONTAMINATION IN SQUARE METRES 10 M2				
J				DESCRIBE ANY ASSISTANCE REQUIRED				HAZARDS TO	HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT		
K	mechanical failure. The equipment was shutdown and the contaminated material was picked up and brought to the appropriate area. There were no off site impacts or discharge to any receiving watercourses. Distance to the closest lake is estimated at 150 meters outside of Quarry 2. Spill location: Northing 65° 24' 10.6" Easting 96° 42' 43.4" on IOL Contact information: Nicolas Saucier 819 759 3555 ext. 4606759										
L	REPORTED TO SPILL LINE BY Nicolas Saucier	,	POSITION ENV. Sr Techr	nician	EMPLOY Agni	rer ico Eagl	e Mines	LOCATION CALLI		TELEPHONE 819-759-3555	
M	ANY ALTERNATE CONTACT Robin Allard		POSITION General Super	rvisor	EMPLOY Agni	ren Eagl	e Mines	ALTERNATE CON MEADOW LOCATION		867-793-4610	
				REPORT LIN	E USE O	NLY		ı			
N	RECEIVED AT SPILL LINE BY		POSITION		EMPLOY	/ER		LOCATION CALLE	ED	REPORT LINE NUMBER	
IN			STATION OPERATOR					YELLOWKNIFE, N	IT	(867) 920-8130	
	AGENCY DEC DCCG DC			□ NEB □ TC			MINOR MA	JOR UNKNOW	N FILE STAT	US OPEN CLOSED	
AGE		CON	TACT NAME		CON	ITACT TIME		REMARKS			
	T SUPPORT AGENCY										
SEC	OND SUPPORT AGENCY										
THIR	D SUPPORT AGENCY										





REPORT DATE: MONTH - DAY - YEAR

Canadä

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

REPORT TIME

NT-NU 24-HOUR SPILL REPORT LINE

XORIGINAL SPILL REPORT,

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	08-25-2019		10:30		XORIGINAL SPILL REPORT, OR		REPORT NUMBER	
В	OCCURRENCE DATE: MONTH – I	DAY – YEAR		OCCURRE 10:30	ENCE TIME	☐ UPDATE # TO THE ORIGINAL SPIL	L REPORT	-
С	LAND USE PERMIT NUMBER (IF	APPLICABLE)	1		WATER LICENCE NUMBER NWB-2AM-WTF	'		
	GEOGRAPHIC PLACE NAME OR WHALE TAIL PIT P		FROM NAMED LO	OCATION	RISDICTION (DR OCEAN		
	LATITUDE DEGREES 65 M	IINUTES 02	seconds 14		LONGITUDE DEGREES 96	MINUTES 03	SE	CONDS 58
	RESPONSIBLE PARTY OR VESSI		RESPONSIBLE P		ORESS OR OFFICE LOCAT	ON		
G	ANY CONTRACTOR INVOLVED		CONTRACTOR A	DDRESS	OR OFFICE LOCATION			
H	PRODUCT SPILLED CONTACT WATER			,	OGRAMS OR CUBIC METR be confirmed)	U.N. NUMBER N/A		
П	SECOND PRODUCT SPILLED (IF	APPLICABLE)	QUANTITY IN LIT					
I	SPILL SOURCE UNKNOWN		SPILL CAUSE UNKNOW	/N		AREA OF CONTAIN UNKNOW!		SQUARE METRES
J	FACTORS AFFECTING SPILL OR	RECOVERY	DESCRIBE ANY	ASSISTAN	ICE REQUIRED	HAZARDS TO PER	SONS, PROP	ERTY OR EQUIPMENT
K	was observed at the entering Mammoth Work was initiated This is pumped too develop a collection from the water flow An investigation is flow of water towar	Lake. to pump out the vards Quarry 1. n sump to pump vand Mammoth I ongoing to dete	WRSF coll Work is be the water _ake and w	lection ing pl towar vill be cause	n pond to decre anned to establ ds Quarry 1. Wa sent to an accre and an action p	ase the water fish access to fiter samples and edited lab for Filan is being cr	flow on a the toe o re being RUSH an	August 24th. of the dike to collected nalysis.
L	REPORTED TO SPILL LINE BY Nancy Duquet-Har	POSITION Env Superinte	_	Agnic	co Eagle Mines	MEADOWBA		ELEPHONE 3197593555
М	ANY ALTERNATE CONTACT Robin Allard	POSITION General Super		EMPLOYE Agnic	co Eagle Mines	ALTERNATE CONTACT MEADOWBA LOCATION		TERNATE TELEPHONE 3677934610
			REPORT LINE	USE ON	ILY			
NI	RECEIVED AT SPILL LINE BY	POSITION		EMPLOYE	:R	LOCATION CALLED	RI	EPORT LINE NUMBER
N		STATION OPERATOR				YELLOWKNIFE, NT	(8	67) 920-8130
LEAD	AGENCY DEC DCCG DGN		□ NEB □ TC		FICANCE MINOR MA		FILE STATU	S □ OPEN □ CLOSED
AGEN	AGENCY CC	ONTACT NAME		CONT	ACT TIME	REMARKS		
	T SUPPORT AGENCY							
SECC	OND SUPPORT AGENCY							
THIRI	D SUPPORT AGENCY							



September 13th, 2019

Re: Agnico Eagle Whale Tail Project - WRSF Flow Follow up Report

As required by Part H, Item 8b of Water License 2AM-WTP1826, Section 24(1)(a) of the *Metal and Diamond Mining Effluent Regulations* (Canada), subsection 12(3) of the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* (Canada), paragraph 5.1(a) of the *Environmental Protection Act* (Nunavut), and subsection 38(5) of the *Fisheries Act* (Canada), Agnico Eagle Mine Limited – Meadowbank Division ("Agnico") informed you via email on August 25th, that during an inspection held on August 24th at 10:30hrs of the Whale Tail Waste Rock Storage Facility (WRSF) Dike, a water flow was observed at the toe of the dike of approximately 100m³/hr. Flow was observed entering Mammoth Lake (UTM 14W 0605380 7255454) (Figure 1). Work was immediately initiated to pump out the WRSF collection pond which decreased the water flow on August 24th.

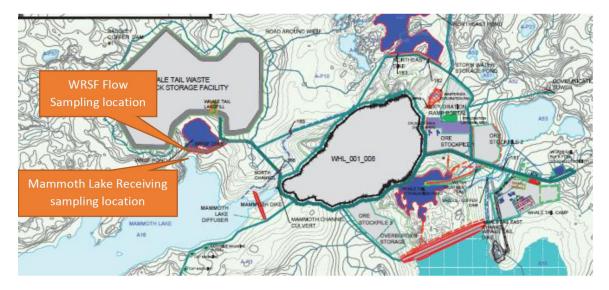


Figure 1: WRSF Flow and Receiving Environment Location

As required by Part H, Item 8c of Water License 2AM-WTP1826, Section 24(2) of the *Metal and Diamond Mining Effluent Regulations* (Canada), and subsection 38(7) of the *Fisheries Act* (Canada), please consider this letter as the written report describing the mitigation measures put in place and the results of the tests performed.

Initial investigation of the WRSF dike showed surface tension cracks on the downstream side of the dike. These elements on the downstream side of the dike are being monitored and may be associated with localised settlement, however the integrity of the dike wall is not in question. The mechanism of the observed flow at the toe of the dike is still under investigation. In addition, the WRSF dike was inspected by the Meadowbank Dike Review Board on September 10th. Following the board review, additional material may be added upstream to reduce the risk of thawing in 2020.

As a mitigation measure, the water in the WRSF pond, designed to contain runoff water from the WRSF, was pumped to Quarry 1. With ongoing pumping, it was expected that the flow rate would stop. By September 1, no apparent flow was observed at the toe of the dike.

By August 26, Agnico had actively pumped the water from the WRSF pond back to Quarry 1 and approximately 50% of the water was pumped in two (2) days. By September 1, the available water was pumped back to Quarry 1 and only a small amount of water that could not be pumped efficiently due to the local topography remained in the pond. A sump has since been further excavated within the footprint of the WRSF pond to pump out the remaining standing water to Quarry 1. As a mitigation measure, the WRSF will be kept dry until the investigation is done and corrective actions are completed.

Most recently, as per Section 5.2.2 of the Water Management Infrastructures Operation, Maintenance and Surveillance Manual (OMS), a small sump was created at the toe of the dike to capture remaining ponded water and water near a light trickling noise that is audible through only one area of the boulder field. The source of the light trickling noise is not clear as the area is a natural collection point for the surrounding topography.

Daily field measurements have been taken since the notification of the flow as detailed in Tables 1 and 2 below. Field measurements showed low turbidity and there were no concerns with pH noted. Acute lethality samples were taken on August 26 from the source (WRSF Pond) as well as the receiving waterbody (Mammoth Lake). Results showed no mortalities in both samples. Acute Lethality certificates are attached with this letter. Samples were also taken for water quality specifically for *Metal and Diamond Mining Effluent Regulations* (Canada) related parameters. Results are not yet available from our external certified laboratory. Once available, they will be provided without delay to the concerned parties. Agnico is in communication with the laboratory to ensure the results are available as soon as possible. Regular sampling of the WRSF-Flow (water in boulder field) and Mammoth Lake is ongoing.

Table 1: WRSF-Flow (Water in boulder field) field parameters data:

	WRSF- Flow											
Dete	рН	Conductivity	Temperature	Dissolved oxygen	Turbidity							
Date	units	uS/cm	°C	mg/L	NTU							
2019-08-25	6.85	628.5	12.78	8.99	8.58							
2019-08-26	6.79	640.6	8.59	8.54	7.36							
2019-08-27	7.17	621.0	9.99	8.59	7.18							
2019-08-28	7.04	658.9	9.86	9.32	7.34							
2019-08-29	7.17	657.9	11.19	9.42	7.04							
2019-08-30	7.00	681.0	9.44	9.42	7.42							
2019-08-30	7.54	671.7	11.05	8.91	7.47							
2019-08-31	6.94	700.4	10.11	9.86	6.97							
2019-09-01	7.42	904.2	7.15	9.98	5.01							
2019-09-01	7.21	710.5	10.15	10.51	8.70							
2019-09-02	7.03	682.3	9.76	10.34	5.10							
2019-09-03	6.88	734.3	7.34	10.70	4.25							
2019-09-04	7.01	763.7	7.70	10.95	3.86							
2019-09-05	6.89	781.3	6.80	11.39	3.81							
2019-09-06	6.66	804.0	9.38	9.64	3.19							
2019-09-07	6.82	831.4	6.73	11.32	2.81							
2019-09-08	7.08	872.2	5.19	8.98	2.50							
2019-09-09	7.42	904.2	7.15	9.98	5.01							
2019-09-10	7.15	935.2	6.11	11.90	3.10							
2019-09-11	6.42	931.5	8.58	11.34	2.42							
2019-09-12	7.03	967.7	18.18	9.38	2.11							

Table 2: Mammoth Lake receiving environment field parameters data:

		Man	nmoth Lake		
Data	pН	Conductivity	Temperature	Dissolved oxygen	Turbidity
Date	units	uS/cm	°C	mg/L	NTU
2019-08-25	6.97	643.5	11.77	9.01	6.62
2019-08-26	7.47	642.6	8.95	9.23	6.71
2019-08-27	7.32	630.2	8.56	10.19	6.26
2019-08-28	6.80	637.1	10.31	8.98	6.28
2019-08-29	7.22	656.2	10.38	8.79	5.42
2019-08-30	6.81	689.7	8.68	9.80	6.26
2019-08-31	6.86	645.1	9.75	10.22	5.14
2019-09-01	7.02	674.5	11.29	9.84	5.17
2019-09-02	7.18	559.6	8.39	10.29	3.62
2019-09-03	7.17	210.5	7.08	11.24	1.59
2019-09-04	6.81	755.1	7.85	11.01	3.30
2019-09-05	6.97	282.5	6.61	11.51	1.62
2019-09-06	7.13	156.6	9.62	11.61	1.56
2019-09-07	6.59	825.1	6.54	11.30	2.58
2019-09-08	7.00	816.9	7.26	7.74	2.38
2019-09-09	7.68	332.2	6.65	10.57	1.18
2019-09-10	7.07	929.0	6.01	12.09	3.66
2019-09-11	6.43	200.3	8.27	11.98	1.00
2019-09-12	7.35	225.4	18.18	9.81	1.00

As per Section 7.2.2.1 of the OMS, starting in May 2019 a detailed inspection was conducted on a monthly basis. The inspection frequency was since increased according to the plan. Daily inspections were conducted until the pond was essentially dry. Inspection sheets are attached with this letter.

There is no existing piezometers on the dike at this moment. Three thermistors are installed and results from those instruments are attached, starting from March 2019.

For reference, the WRSF Dike Construction Summary Report can be found on the NWB FTP at this link:

ftp://ftp.nwb-oen.ca/registry/2%20MINING%20MILLING/2A/2AM%20-%20Mining/2AM-WTP1826%20Agnico/3%20TECH/D%20CONSTRUCTION/D15/190610%20NE WRSF MMTH%20DIKE/

Given the quality of the water flowing from WRSF Pond, Agnico is confident that the aquatic environment was protected and not impacted. Core receiving environment monitoring in Mammoth Lake will confirm these findings once the August results will be available.

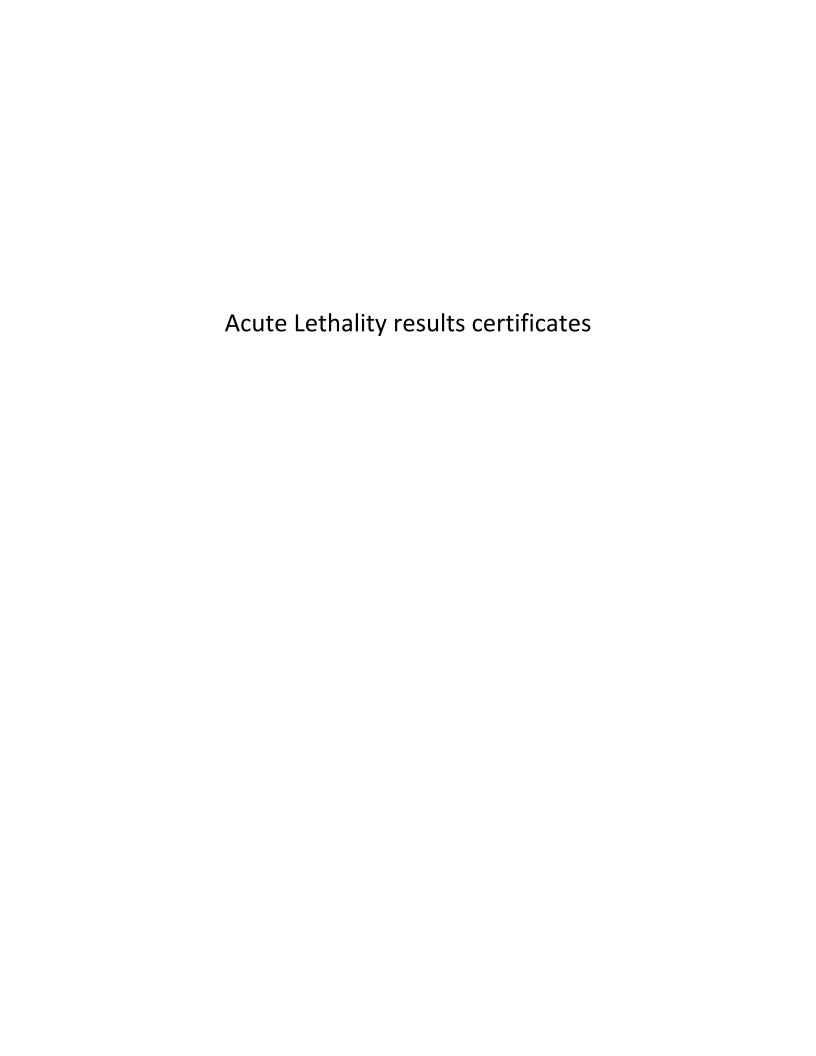
Should you have any questions regarding this report, please do not hesitate to contact the undersigned.

Regards,

Agnico Eagle Mines Limited - Meadowbank Division

Robin Allard

robin.allard@agnicoeagle.com General Supervisor Environment





AquaTox Testing & Consulting Inc. B-11 Nicholas Beaver Road Puslinch, ON NOB 2J0 Tel. (519) 763-4412

Fax. (519) 763-4419

TOXICITY TEST REPORT

Daphnia magna EPS 1/RM/14 Page 1 of 2

Work Order: 240120 Sample Number: 60432

SAMPLE IDENTIFICATION

Company:

Agnico Eagle Mines Limited

Date Collected:

2019-08-26

Location:

Baker Lake NU

Time Collected:

06:15

Substance:

WRSF-Flow

Date Received:

2019-08-28

Sampling Method:

Grab

Time Received:

09:00

Sampled By:

F. Laporte/L. Dubois Sample Description: Cloudy, yellow, odourless. Temperature on Receipt: Date Tested:

22.0 °C 2019-08-29

Test Method:

Reference Method for Determining Acute Lethality of Effluents to Daphnia magna. Environment

Canada EPS 1/RM/14 (Second Edition, December 2000, with February 2016 amendments).

48-HOUR TEST RESULTS

Effect Value 95% Confidence Limits Calculation Method

LC50 EC50 >100% >100%

TEST ORGANISM

Species:

Daphnia magna

Time to First Brood:

8.6 days

Organism Batch:

Dm19-16

Average Brood Size:

39.2 young

Culture Mortality:

0.9% (previous 7 days)

TEST CONDITIONS

Sample Treatment:

None None Number of Replicates:

1 10

pH Adjustment: Pre-aeration Rate:

 $\sim 30 \text{ mL/min/L}$

Organisms / Replicate: Organisms / Test Level:

10

Pre-aeration Time:

0 minutes

Organism Loading Rate:

15.0 mL/organism

Test Aeration:

None

Impaired Control Organisms: 0.0%

Hardness Adjustment:

None

Test Method Deviation(s):

None

REFERENCE TOXICANT DATA

Toxicant:

Sodium Chloride

Historical Mean LC50:

6.4 g/L

Date Tested:

2019-08-20

Warning Limits $(\pm 2SD)$:

5.7 - 7.2 g/L Dm19-16

LC50: 95% Confidence Limits: 6.4 g/L6.2 - 6.6 g/L Organism Batch: Analyst(s):

RK, AW, NM

Statistical Method:

Spearman-Kärber

COMMENTS

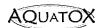
All test validity criteria as specified in the test method were satisfied.

Date:

yyyy-mm-dd

Approved By: Many Xee

Accredited to ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA)



TOXICITY TEST REPORT

Daphnia magna

EPS 1/RM/14

Page 2 of 2

Work Order: 240120 Sample Number: 60432

TEST DATA

				TEST DAT	'A			
Initial ^v	Water Chemist	ry (100%) :	рН 7.6	Dissolved O ₂ (mg/L) 7.3	Conductivity (µmhos/cm) 647	Temperature (°C) 20.0	O ₂ Saturation (%)* 85	Hardness (as CaCO ₃) 260
				0 hours				
Date & Time Analyst(s):	2019-08-29 AW/SV/MJT	8:30		o nours				
Concentration (%)	Dead	Immobile	pН	Dissolved O ₂	Conductivity	Temperature	O ₂ Saturation (%)*	Hardness
100	0	0	7.6	7.3	647	20.0	85	260
50	0	0	8.1	8.3	714	20.0	_	_
25	0	0	8.4	8.6	747	20.0	_	_
12.5	0	0	8.4	8.7	765	20.0	_	_
6.25	0	0	8.5	8.7	783	20.0	_	_
Control	0	0	8.5	8.7	782	20.0	100	220
Notes:								
				24 hours				
Date & Time Analyst(s):	2019-08-30 AW	8:30						
Concentration (%)	Dead	Immobile	pН	Dissolved O ₂	Conductivity	Temperature		
100	_	0	_		_	20.0		
50	_	0	_		_	20.0		
25	_	0	_	_		20.0		
12.5	_	0	_		_	20.0		
6.25	_	0	_	_	_	20.0		
Control	_	0	_	_	_	20.0		
Notes:								
D . 0 T'	2010 00 21	0.00		48 hours				***************************************
Date & Time Analyst(s):	2019-08-31 SV	8:30						
Concentration~(%)	Dead	Immobile	pН	Dissolved O ₂	Conductivity	Temperature		
100	0	0	8.2	8.3	682	20.0		
50	0	0	8.4	8.4	721	20.0		
25	0	0	8.4	8.5	760	20.0		
12.5	0	0	8.5	8.4	775	20.0		
6.25	0	0	8.5	8.5	779	20.0		
Control	0	0	8.5	8.6	820	20.0		
Notes:								

Number immobile does not include number of mortalities.

* adjusted for temperature and barometric pressure

– = not measured/not required

Test Data Reviewed By:

RD

Date:

2019-09-05



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TOXICITY TEST REPORT

Rainbow Trout EPS 1/RM/13 Page 1 of 2

Work Order: Sample Number: 240120 60432

SAMPLE IDENTIFICATION

Company:

Agnico Eagle Mines Limited

Date Collected:

2019-08-26

Location:

Baker Lake NU

Time Collected:

06:15

Substance:

WRSF-Flow

Date Received:

2019-08-28

Sampling Method:

Grab

Time Received:

09:00

Sampled By:

F. Laporte/ L. Dubois

Temperature on Receipt:

22.0 °C

Sample Description: Cloudy, yellow, odourless.

Date Tested:

2019-08-28

Test Method(s):

Reference Method for Determining Acute Lethality of Liquid Effluents to Rainbow Trout. Environment

Canada, EPS 1/RM/13 (2nd Edition, December 2000, with May 2007 and February 2016 amendments).

96-HOUR TEST RESULTS

Effect

Value

95% Confidence Limits

Statistical Method

LC50

>100%

The results reported relate only to the sample tested and as received.

TEST ORGANISM

Test Organism:

Oncorhynchus mykiss

Average Fork Length ($\pm 2 \text{ SD}$):

44.7 mm (±4.5)

Organism Batch:

T19-16

Range of Fork Lengths:

41 - 49 mm

Control Sample Size:

10

Average Wet Weight ($\pm 2 \text{ SD}$):

 $0.76 \text{ g } (\pm 0.26)$

Cumulative stock tank mortality rate:

0% (previous 7 days)

Range of Wet Weights:

0.53 - 0.93 g

Control organisms showing stress:

0 (at test completion)

Organism Loading Rate:

0.5 g/L

TEST CONDITIONS

Sample Treatment:

pH Adjustment:

None None

Volume Tested (L): Number of Replicates: 16 1

Test Aeration:

Yes

Organisms Per Replicate: Organisms Per Test Level: 10 10

Pre-aeration/Aeration Rate:

 $6.5 \pm 1 \text{ mL/min/L}$

Test Method Deviation(s):

Total Pre-Aeration Time:

30 minutes

None

REFERENCE TOXICANT DATA

Toxicant:

Potassium Chloride

Date Tested:

2019-08-21

Organism Batch: LC50:

T19-16 3975 mg/L Historical Mean LC50: Warning Limits (\pm 2SD):

3755 mg/L 3139 - 4492 mg/L

95% Confidence Limits:

Statistical Method:

3644 - 4336 mg/L Spearman-Kärber

Analyst(s):

MJT, TA, TL

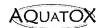
COMMENTS

•All test validity criteria as specified in the test method were satisfied.

Date:

2019-09-10 yyyy-mm-dd

Approved By: Many Lines Manage



TOXICITY TEST REPORT

Rainbow Trout EPS 1/RM/13 Page 2 of 2

Work Order: Sample Number: 60432

240120

TEST DATA

			TEST D	ATA			
			pН	Dissolved O ₂ (mg/L)	Conductivity	Temperature	O ₂ Saturation
	hemistry (100%):		7.4	7.3	670	16.0	80
After 30 min pr	e-aeration :		7.4	7.7	671	16.0	84
			0 HOU	RS			
Date & Time Analyst(s):	2019-08-28 KP	14:25					
Concentration %	Dead	Impaired	pН	Dissolved O ₂	Conductivity	Temperature	O ₂ Saturation*
100	0	0	7.4	7.7	671	16.0	84
50	0	0	8.0	9.0	800	15.0	_
25	0	0	8.2	9.2	865	15.0	_
12.5	0	0	8.2	9.1	894	15.0	_
6.25	0	0	8.2	8.8	909	15.0	_
Control Notes:	0	0	8.1	9.2	854	15.0	99
			24 HOI	URS			
Date & Time Analyst(s):	2019-08-29 FS	14:25	2.110				
Concentration %	Dead	Impaired	pН	Dissolved O ₂	Conductivity	Temperature	
100	0	0			_	15.0	
50	0	0	_	-		15.0	
25	0	0	-	_	_	15.0	
12.5	0	0	_	_	-	15.0	
6.25	0	0	_		_	15.0	
Control Notes:	0	0	-	-	-	15.0	
			48 HO	URS			
Date & Time Analyst(s):	2019-08-30 MDH	14:25					
Concentration %	Dead	Impaired	pН	Dissolved O ₂	Conductivity	Temperature	
100	0	0	_		_	15.0	
50	0	0	-	_		15.0	
25	0	0	-			15.0	
12.5	0	0	_			15.0	
6.25	0	0	-			15.0	
Control Notes:	0	0	_	_	_	15.0	
			72 HOI	URS			
Date & Time	2019-08-31	14:25					
Analyst(s): Concentration	ALC(MV) Dead	Impaired	pН	Dissolved O ₂	Conductivity	Temperature	
% 100	0	0		_		14.0	
50	0	0	_	_	_	14.0	
25	0	0		_		14.0	
12.5	0	0	_	_	_	14.0	
6.25	0	0	_	_	_	14.0	
Control Notes:	0	0	_	_	_	14.0	
			96 HOU	URS		***************************************	
Date & Time Analyst(s):	2019-09-01 ALC(MV)	14:25					
Concentration %	Dead	Impaired	pН	Dissolved O ₂	Conductivity	Temperature	
100	0	0	7.9	9.8	680	15.0	
50	0	0	8.1	9.8	807	15.0	
25	0	0 .	8.3	9.8	871	15.0	
12.5	0	0	8.3	9.8	902	15.0	
6.25	0	0	8.3	9.7	915	15.0	
Control	0	0	8.2	9.7	816	15.0	
Notes:							
"_" = not measure	•				Test Data Re	•	FS
Number impaired	d does not include nur	nber dead.			Date:	2019	-09-03

Number impaired does not include number dead.

* adjusted for temperature and barometric pressure



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TOXICITY TEST REPORT Daphnia magna

EPS 1/RM/14 Page 1 of 2

SAMPLE IDENTIFICATION

Company: Agnico Eagle Mines Limited Location: Baker Lake NU Substance: WRSF-Mammoth

Sampling Method: Grab

Work Order:

Test Method:

Sample Number:

Sampled By: F. Laporte/ L. Dubois Sample Description: Cloudy, yellow, odourless.

240120

60433

Date Collected:

Time Collected: Date Received:

06:45 2019-08-28 Time Received: 09:00

Temperature on Receipt: Date Tested:

22.0 °C 2019-08-29

2019-08-26

Reference Method for Determining Acute Lethality of Effluents to Daphnia magna. Environment

Canada EPS 1/RM/14 (Second Edition, December 2000, with February 2016 amendments).

48-HOUR TEST RESULTS

Effect Value 95% Confidence Limits Calculation Method >100% LC50 EC50 >100%

The results reported relate only to the sample tested and as received.

TEST ORGANISM

Species: Organism Batch: Culture Mortality: Daphnia magna Dm19-16

0.9% (previous 7 days)

Time to First Brood: Average Brood Size: 8.6 days

39.2 young

TEST CONDITIONS

Sample Treatment: pH Adjustment:

Hardness Adjustment:

Pre-aeration Rate:

None None

 $\sim 30 \text{ mL/min/L}$

0 minutes

Number of Replicates: Organisms / Replicate:

Organisms / Test Level:

10 15.0 mL/organism

Pre-aeration Time: Test Aeration:

None None

Organism Loading Rate: Impaired Control Organisms: 0.0% Test Method Deviation(s):

None

1

10

REFERENCE TOXICANT DATA

Toxicant: Date Tested:

LC50:

Sodium Chloride 2019-08-20 6.4 g/L

Historical Mean LC50: Warning Limits (\pm 2SD): Organism Batch:

6.4 g/L5.7 - 7.2 g/LDm19-16

95% Confidence Limits:

6.2 - 6.6 g/L

Statistical Method:

Spearman-Kärber

Analyst(s):

RK, AW, NM

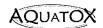
COMMENTS

All test validity criteria as specified in the test method were satisfied.

Date:

Approved By: Many Logs
Pfoject Manager

Accredited to ISO/IEC 17025 by the Canadian Association for Laboratory Accreditation Inc. (CALA)



TOXICITY TEST REPORT

Daphnia magna

EPS 1/RM/14

Page 2 of 2

Work Order: Sample Number: 60433

240120

				TEST DAT	' A			
Initial	Water Chemisti	ov. (1009/).	рН 7.5	Dissolved O ₂ (mg/L) 7.3	Conductivity (µmhos/cm)	Temperature (°C) 20.0	O ₂ Saturation (%)* 85	Hardness (as CaCO ₃) 250
Illiuai	water Chemisti	y (100 /6):	7.3	7.5	043	20.0	83	230
				0 hours				
Date & Time Analyst(s):	2019-08-29 AW/SV/MJT	8:35						
Concentration~(%)	Dead	Immobile	pН	Dissolved O ₂	Conductivity	Temperature	O ₂ Saturation (%)*	Hardness
100	0	0	7.5	7.3	643	20.0	85	250
50	0	0	8.2	8.2	715	20.0	-	_
25	0	0	8.4	8.4	749	20.0	-	_
12.5	0	0	8.4	8.6	764	20.0	-	_
6.25	0	0	8.5	8.7	771	20.0	_	_
Control	0	0	8.5	8.7	782	20.0	100	220
Notes:								
				24 hours				
Date & Time Analyst(s):	2019-08-30 AW	8:35						
Concentration (%)	Dead	Immobile	pН	Dissolved O ₂	Conductivity	Temperature		
100	_	0	_	_	_	20.0		
50	_	0	_	_	_	20.0		
25	_	0	_	_		20.0		
12.5	_	0	_	_	_	20.0		
6.25	_	0	_		_	20.0		
Control	_	0	_	_	_	20.0		
Notes:								
	1-2			18 hours				
Date & Time Analyst(s):	2019-08-31 SV	8:35						
Concentration (%)	Dead	Immobile	pН	Dissolved O ₂	Conductivity	Temperature		
100	0	0	8.1	8.2	651	20.0		
50	0	0	8.4	8.4	725	20.0		
25	0	0	8.5	8.5	756	20.0		
12.5	0	0	8.5	8.6	770	20.0		
6.25	0	0	8.5	8.6	780	20.0		
Control	0	0	8.5	8.5	823	20.0		
Notes:								
		Number im	mobile	does not includ	e number of m	nortalities.		

* adjusted for temperature and barometric pressure	*	adjusted	for temperature	and barometric	pressure
--	---	----------	-----------------	----------------	----------

– = not measured/not required

Test Data Reviewed By:

RD

Date:

2019-09-05



AquaTox Testing & Consulting Inc. B-11 Nicholas Beaver Road Puslinch, ON NOB 2JO Tel. (519) 763-4412 Fax. (519) 763-4419

TOXICITY TEST REPORT

Rainbow Trout EPS 1/RM/13 Page 1 of 2

Work Order: 240120 Sample Number: 60433

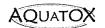
SAMPLE IDENTIFICATION Company: Agnico Eagle Mines Limited Date Collected: 2019-08-26 Location: Baker Lake NU Time Collected: 06:45 Substance: WRSF-Mammoth Date Received: 2019-08-28 Sampling Method: Grab Time Received: 09:00 Sampled By: F. Laporte/L. Dubois Temperature on Receipt: 22.0 °C Sample Description: Cloudy, yellow, odourless. Date Tested: 2019-08-28 Test Method(s): Reference Method for Determining Acute Lethality of Liquid Effluents to Rainbow Trout. Environment Canada, EPS 1/RM/13 (2nd Edition, December 2000, with May 2007 and February 2016 amendments). 96-HOUR TEST RESULTS Effect Value 95% Confidence Limits Statistical Method LC50 >100% The results reported relate only to the sample tested and as received. **TEST ORGANISM** Test Organism: Oncorhynchus mykiss Average Fork Length (± 2 SD): $40.7 \text{ mm} (\pm 7.9)$ Organism Batch: T19-16 Range of Fork Lengths: 36 - 48 mm Control Sample Size: 10 Average Wet Weight (± 2 SD): $0.53 g (\pm 0.36)$ Cumulative stock tank mortality rate: 0% (previous 7 days) Range of Wet Weights: 0.28 - 0.93 g Control organisms showing stress: 0 (at test completion) Organism Loading Rate: 0.3 g/L**TEST CONDITIONS** Sample Treatment: None Volume Tested (L): 18 pH Adjustment: None Number of Replicates: 1 Test Aeration: Yes Organisms Per Replicate: 10 Pre-aeration/Aeration Rate: $6.5 \pm 1 \text{ mL/min/L}$ Organisms Per Test Level: 10 Total Pre-Aeration Time: 30 minutes Test Method Deviation(s): None REFERENCE TOXICANT DATA Toxicant: Potassium Chloride Date Tested: 2019-08-21 Organism Batch: T19-16 Historical Mean LC50: 3755 mg/L LC50: 3975 mg/L Warning Limits (\pm 2SD): 3139 - 4492 mg/L 3644 - 4336 mg/L 95% Confidence Limits: Analyst(s): MJT, TA, TL Statistical Method: Spearman-Kärber

COMMENTS

•All test validity criteria as specified in the test method were satisfied.

Date:

Approved By: Mary Kerge Froject Manager



Work Order:

240120

TOXICITY TEST REPORT

Rainbow Trout EPS 1/RM/13 Page 2 of 2

Sample Number	240120 r · 60433						
Sample Number	1.00433		TEST DA	ATA			
			рН	Dissolved O ₂	Conductivity		
	nemistry (100%):		7.4	(mg/L) 7.0	(µmhos/cm) 669	(°C) 16.0	(%)* 77
After 30 min pr	e-aeration:		7.5	8.0	670	16.0	87
			0 HOU	RS			
Date & Time Analyst(s):	2019-08-28 KP	14:30					
Concentration	Dead	Impaired	pН	Dissolved O ₂	Conductivity	Temperature	O ₂ Saturation*
%							
100	0	0	7.5	8.0	670 7 20	16.0	87
50	0	0	8.1	9.0	799	15.0	
25	0	0	8.2	9.1	859	15.0	_
12.5	0	0	8.2	9.0	894	15.0	
6.25	0	0	8.2	8.7	910	15.0	-
Control Notes:	0	0	8.1	9.2	854	15.0	99
Notes.							
			24 HOU	RS			
Date & Time Analyst(s):	2019-08-29 FS	14:30					
Concentration %	Dead	Impaired	pН	Dissolved O ₂	Conductivity	Temperature	
100	0	0	_	_	_	15.0	
50	0	0	-	_		15.0	
25	0	0	-	_	_	15.0	
12.5	0	0	_	_	_	15.0	
6.25	0	0		name.	-	15.0	
Control	0	0	-	_		15.0	
Notes:							
			48 HOU	IRS			
Date & Time Analyst(s):	2019-08-30 MDH	14:30					
Concentration %	Dead	Impaired	pН	Dissolved O ₂	Conductivity	Temperature	
100	0	0	_	_	_	15.0	
50	0	0	_	_	_	15.0	
25	0	0	_			15.0	
12.5	0	0	_			15.0	
6.25	0	0		_	_	15.0	
Control	0	0	_	_	_	15.0	
Notes:	ū	v				10.0	
(72 HOU	IDS			
Date & Time	2019-08-31	14:30	72 HOC	, KO			
Analyst(s):	ALC(MV)						
Concentration %	Dead	Impaired	pН	Dissolved O ₂	Conductivity	Temperature	
100	0	0	_	_	_	14.0	
50	0	0	-	-	_	14.0	
25	0	0	-	-	***	14.0	
12.5	0	0	-	anna.	_	14.0	
6.25	0	0	at the same of the	-	_	14.0	
Control Notes:	0	0	-	-	-	14.0	
			96 HOU	IRS			
Date & Time Analyst(s):	2019-09-01 ALC(MV)	14:30					
Concentration	Dead	Impaired	pН	Dissolved O ₂	Conductivity	Temperature	
100	0	0	8.0	9.8	677	15.0	
50	0	0	8.2	9.7	805	15.0	
25	0	0	8.3	9.8	865	15.0	
12.5	0	0	8.3	9.8	898	15.0	
6.25	0	0	8.3	9.8 9.7	903	15.0	
Control	0	0	8.2	9.7	801	15.0	
Notes:	V	J	0.2	7.1	501	13.0	

Number impaired does not include number dead.

"-" = not measured/not required

* adjusted for temperature and barometric pressure

Test Data Reviewed By : FS Date: 2019-09-03

CHAIN OF CUSTODY RECORD



AquaTox Work Order No:

Fanny Laporte& Louis Dubois 240120 Date/Time Shipped: 2019-08-26 8:00 from AMQ PO-530481 Sample Storage (prior to shipping): Field Sampler Name (print): Custody Relinquished by: P.O. Number: Signature: Affiliation:

AquaTox Testing & Consulting Inc. B-11 Nicholas Beaver Road Puslinch, Ontario Canada N0B 2J0 Shipping Address:

(519) 763-4419 Fax: Voice: (519) 763-4412

Meadowbank Division Baker Lake, Nunavut Agnico Eagle Mines Client:

(819) 759-3555 Phone:

Fax:

Contact: Martin Archambault - Robin Allard #6744

Γ	· ·		ı		l	Г	ı		1
Sample Method and Volume	# of Containers and Volume (eg. 2 x 1L, 3 x 10L, etc.)	2 X 20 L	2 X 20 L						
ampl	Composite								
Š	Grab	#	*						
	Other (please specify below)								
	RISS Data Entry								
	Pseudokirchneriella subcapitata Growth								
٦	Lemna minor Growth								
Analyses Requested	Ceriodaphnia dubia Suvival & Reproduction								
lyses R	wonniM bsahta7 Survival & Growth								
Ana	Daphnia magna LC50	7.	.7						
	Daphnia magna Single Concentration								
	Rainbow Trout LC50	7	7						
	Rainbow Trout Single Concentration								
	AquaTox Temp.on Sample Number arrival	22.0	22.0						
	AquaTox mple Number	60432	65433						
	Aqu Sample	109	,a9						
				:					
<u>5</u>	<u>o</u>			·					
Sample Identification	Sample Name								
Iden	Samp								
ldmi			ŧ						
Sa		_	띭						
		NO.	1am						
		<u>1</u>	F-						
		WRSF-Flow	WRSF-Mammoth						
	e :30,								
	Time Collected (e.g. 14:30, 24 hr clock)	2019-08-26 06:15	2019-08-26 06:45						
	ected	8-26	8-26						
	Date Collected (yyyy-mm-dd)	019-0	019-0						
<u></u>		ŭ	7						

2019-08-28 RK1AS 00:50 For Lab Use Only Storage Temp.(°C) Storage Location: Received By: Date;

Char. 芝

as per Louis email on 2019-08-29(NB) Please list any special requests or instructions: Samoles

Mining COC rev 2 2016 09 01 TC



Inspecting Officer: Patrice Gagnon



The instrumentation data is treated separately in the instrumentation quarterly report. Inspecting Patrice Gagnon Officer **WRSF** Dike name Report No. WRSF-VIR-001 Inspection Date 2019-05-30 Last Inspection Date Wind Sunny Overcast Rain Snow Weather during the current inspection Light snow, 7cm of new snow the day prior to inspection Comments: Main changes since the last inspection None Tarp level (Based on OMS manual revision Green from March 2018) **General Condition Summary** > Baseline inspection, no adverse condition were noted, dike is performing as intended. Water has not reached the structure yet, neither entered the foundation

Review Officer:

(YR/MM/DD)

Date Reviewed:



Field observations

Location	Observations	Recommendations
Downstream slope and berm	 There is still snow accumulation in the slope, bumper in good condition No water present at toe 	■ None
Upstream slope and berm	 There is still some snow on the tundra in front of the structure, bumper in good condition Water is far from reaching the foundation or toe of liner 	■ None
Crest	 Small puddles present at rolling surface, still soft from melting. No damages to rolling surface 	■ None

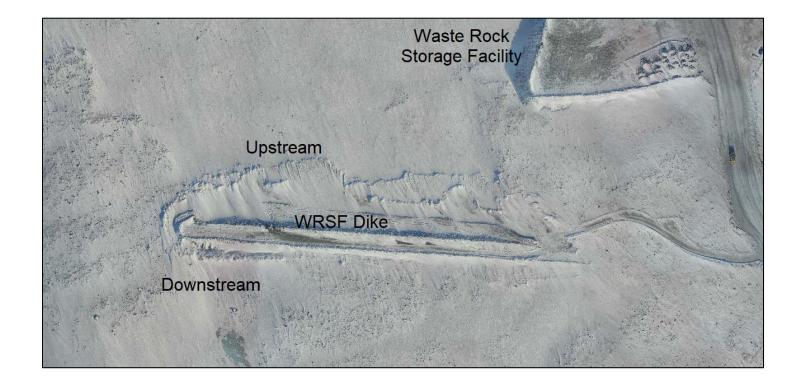
Seepage Report

Location	Observations	Recommendations
No seepage	•	•

<u>Methodology:</u> For the visual inspection, any anomaly or change since the last inspection must be reported. These anomalies include cracks, erosion, settlements, sink holes, bulging, sloughing, seepage signs, snow/ice, rutting, mud, ponds/puddles, signs of saturated soil and any damage on the liner or objects/water over the liner.

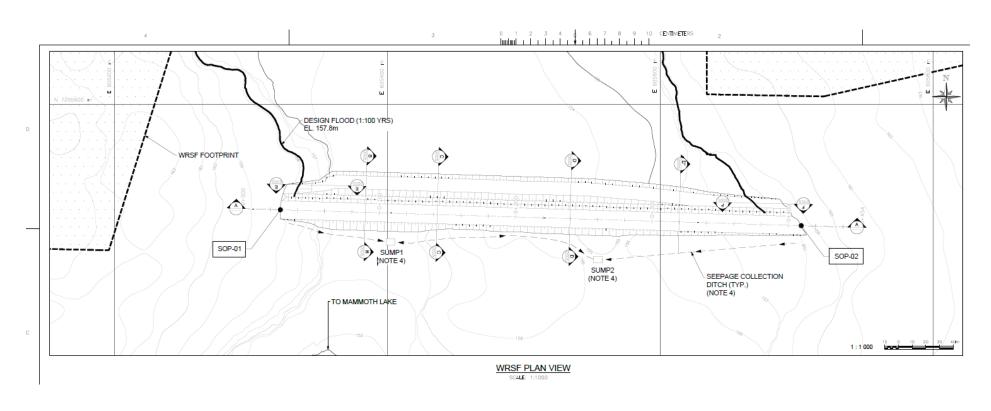


Aerial view of WRSF Dike



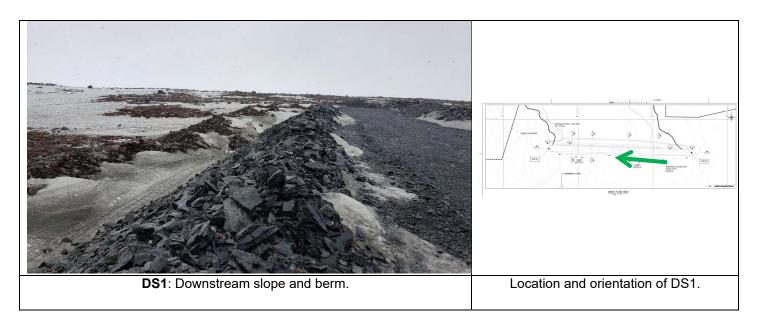


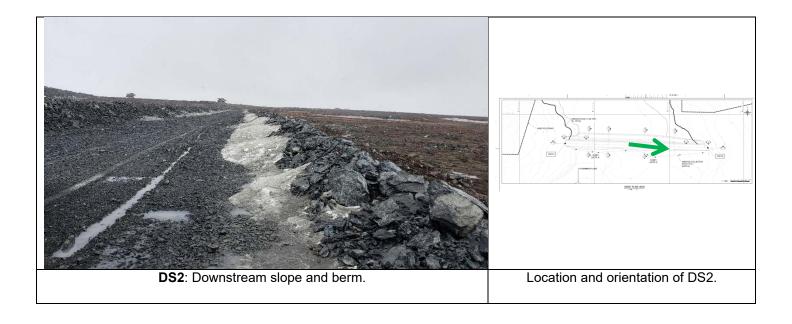
Map of the WRSF Dike





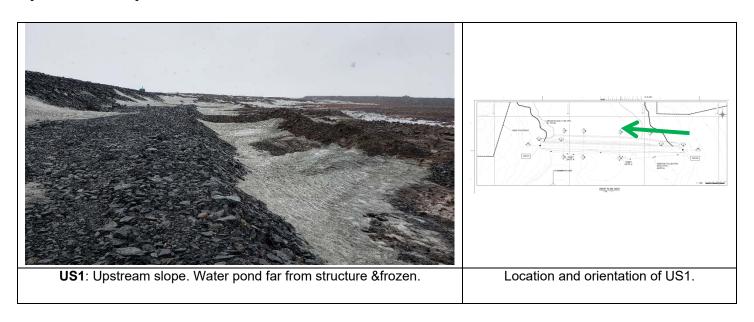
Downstream slope and berm

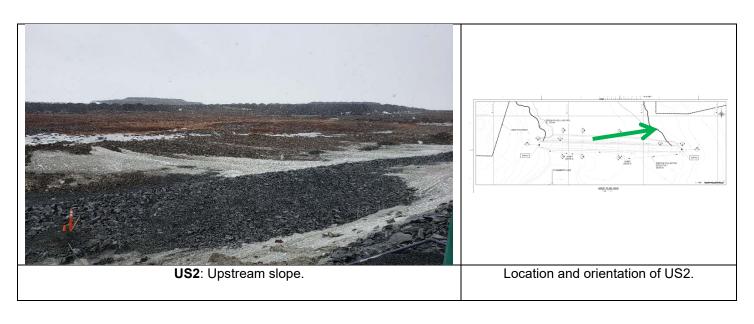






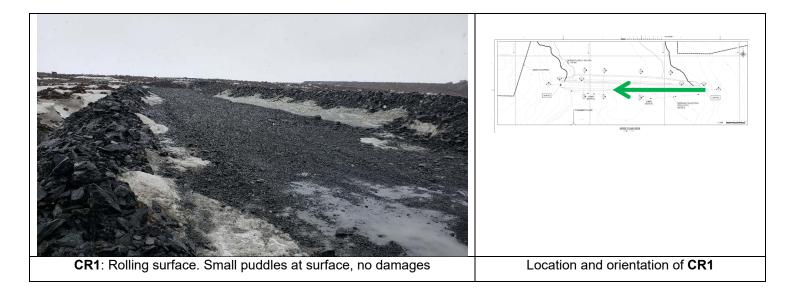
Upstream slope and berm







Crest surface





The instrumentation data is treated separately in the instrumentation quarterly report.	

Inspecting Officer	Pier-Eric McDonald
Report No.	WRSF-VIR-002
Inspection Date	2019-06-23

Dike name	WRSF

Last Inspection Date	2019-06-	-03								
Mask or division the accurant in an action		Sunny	\boxtimes	Overcast		Rain		Snow	Wind	
Weather during the current inspection	Comments: Clear skies and 20°C									
Main changes since the last inspection	Presence of 1 small depression on top platform, water level rising u/s									

Tarp level (Based on OMS manual revision	Green
from March 2018)	Green

General Condition Summary

- ➤ A localised depression <2ft in diameter was noted on the top platform 3m away from D/S crest.
- > Water is now ponding over the thermal cover of the key trench in the deepest area.
- Water Level: 155.17 masl (6/21), operational level at 155.4 masl.

Inspecting Officer:	Pier-Eric McDonald	Review Officer:	Date Reviewed:	
				(YR/MM/DD)



Field observations

Location	Observations	Recommendations			
Downstream slope and berm	 Virtually all snow is melted Water is present at 2 locations of the D/S toe, east of topographic low D/S spot and one of which water doesn't eve pond on the u/s. It is suspected to be a combination of melt water and from the big rain event of June 20th. 	■ Regularly inspect the toe for water venues as drier conditions are expected in the weeks to come. Take a sample d/s and u/s if accumulation persists.			
Upstream slope and berm	 All the smow of the u/s watershed has melted away. Water covers around 50-75m length the thermal cover of the key trench and its deepest location. The Thermal cover was allowed for light equipments circulation only, to be fueled only with pickup truck diesel tanks, no fuel truck. 	 Perform regular surveys to monitor level against max operation level. Make sure water management infrastructure can pump water effectively as well as the 4 other locations leading to quarry 1. 			
Crest	■ No damages to rolling surface	■ None			

Seepage Report

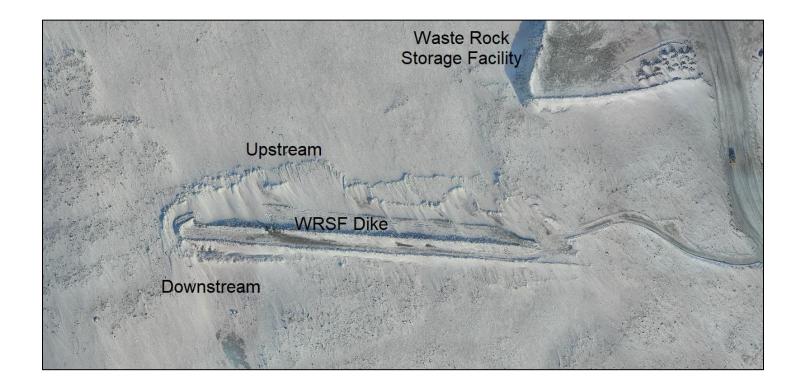
Location	Observations	Recommendations
No seepage	None	None



Methodology: For the visual inspection, any anomaly or change since the last inspection must be reported. These anomalies include cracks, erosion, settlements, sink holes, bulging, sloughing, seepage signs, snow/ice, rutting, mud, ponds/puddles, signs of saturated soil and any damage on the liner or objects/water over the liner.

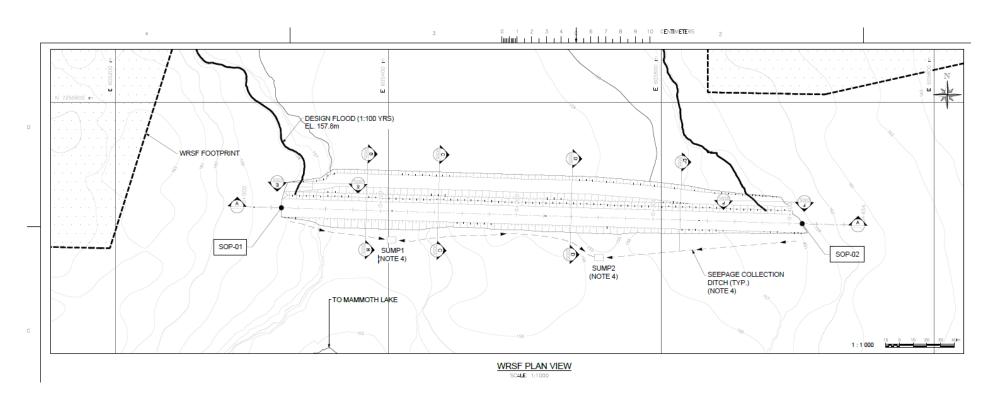


Aerial view of WRSF Dike



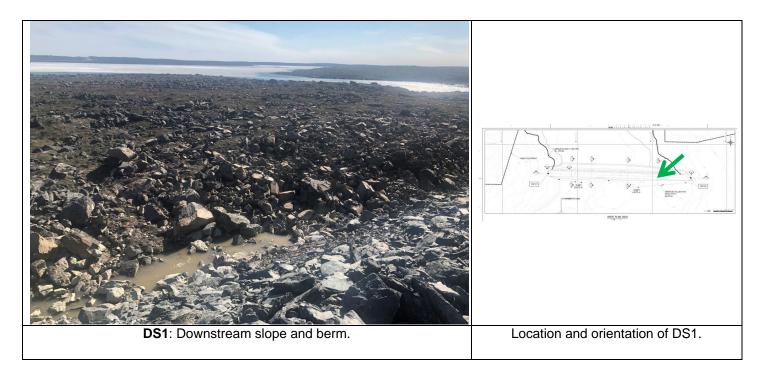


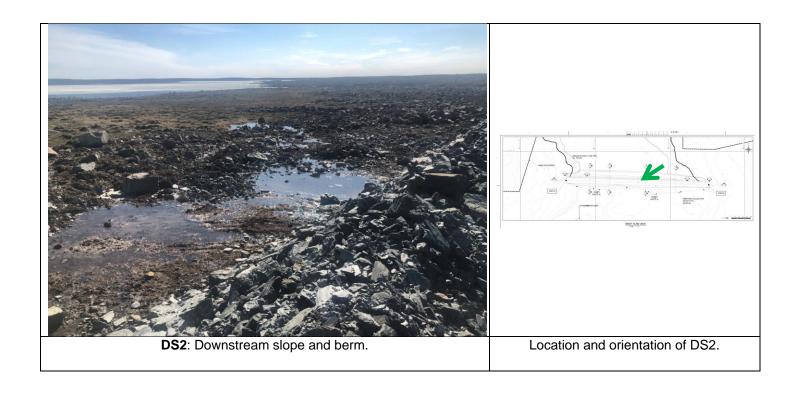
Map of the WRSF Dike





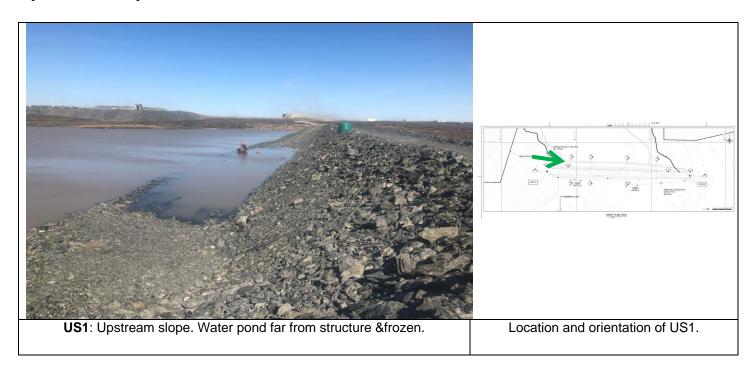
Downstream slope and berm

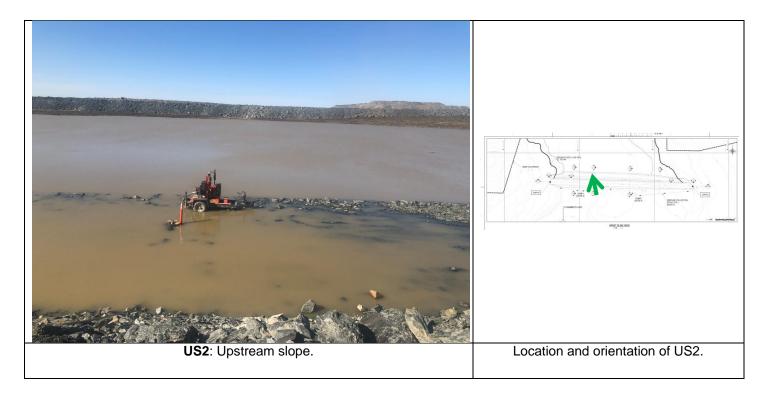






Upstream slope and berm

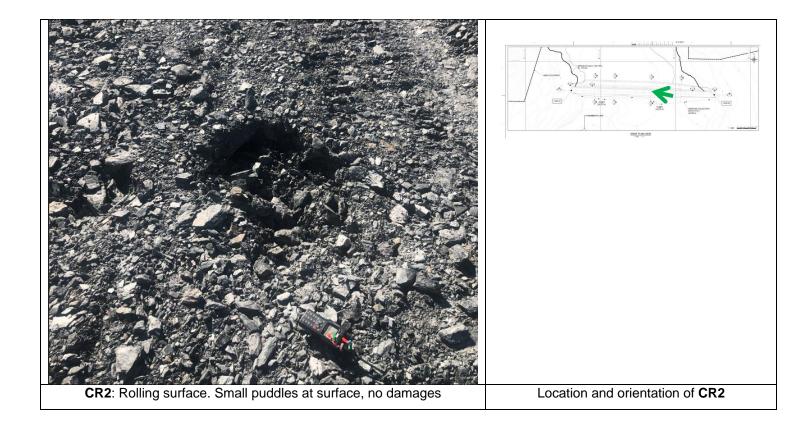






Crest surface







The instrumentation data is treated separately in the instrumentation quarterly report.

Inspecting Officer	Patrice Gagnon
Report No.	WRSF-VIR-003
Inspection Date	2019-07-23 / 08-01

Dike name	WRSF Dike

Last Inspection Date	2019-06-23									
Weather during the current inspection		Sunny		Overcast	\boxtimes	Rain	Snow		Wind	
	Comments: Temperature 23°C									
Main changes since the last inspection	Water level rose on the upstream pond.									

Tarp level (Based on OMS manual revision	Green
from March 2018)	

General Condition Summary

- Water is now touching the WRSF dump;
- Water is ponding over the thermal capping at u/s toe;
- Pumping is stopped, water level at 156 masl, operational level at 156.15m;
- Nothing to report on the slopes or crest;
- > No seepage identified at downstream.

Inspecting Officer:	Patrice Gagnon	Review Officer:	Date Reviewed:	
		<u></u>		(YR/MM/DD)



Field observations

Location	Observations	Recommendations
Downstream slope and berm	 All is good, snow bank now all melted. 	 Continue monitoring
	 No seepage identified 	
Upstream slope and berm	 In good condition, no adverse conditions Water level high, getting close to max operational level. 	 Continue monitoring
Crest	 Rolling surface in good shape 	 Continue monitoring

Seepage Report

Location	Observations	Recommendations
No seepage	•	•

Methodology: For the visual inspection, any anomaly or change since the last inspection must be reported. These anomalies include cracks, erosion, settlements, sink holes, bulging, sloughing, seepage signs, snow/ice, rutting, mud, ponds/puddles, signs of saturated soil and any damage on the liner or objects/water over the liner.



Aerial view of WRSF Dike

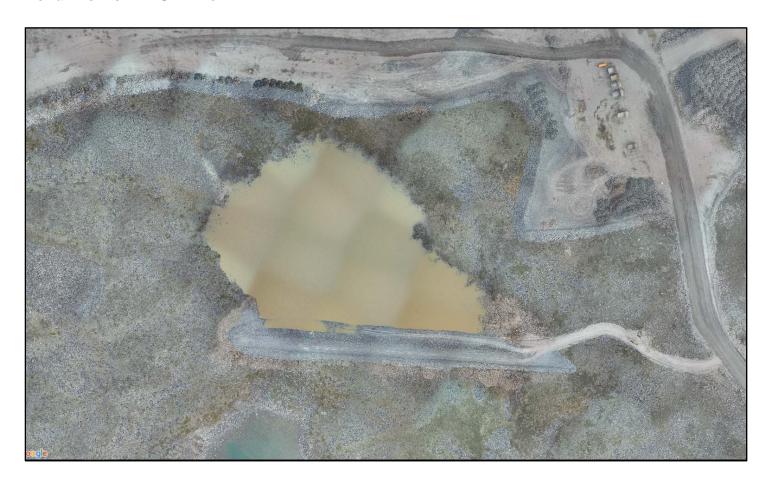
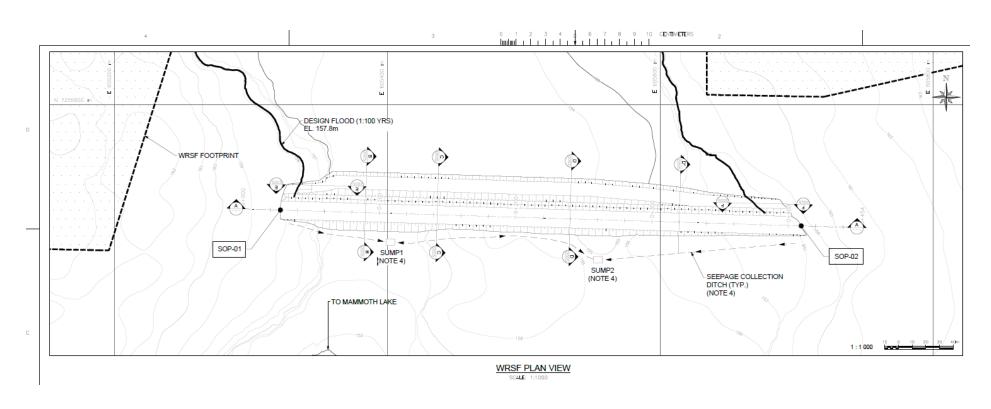


Figure 1: Aerial view of the WRSF Dike from drone survey, June 26th.

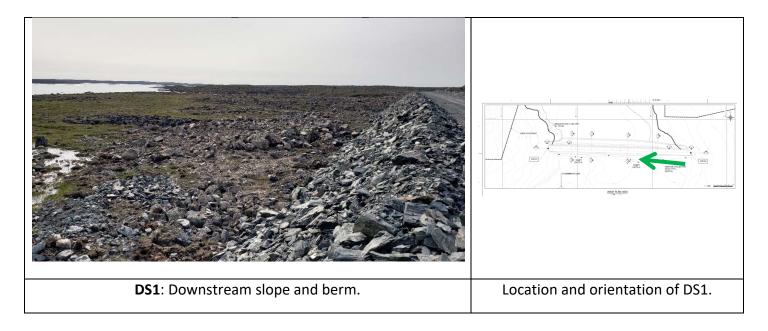


Map of the WRSF Dike



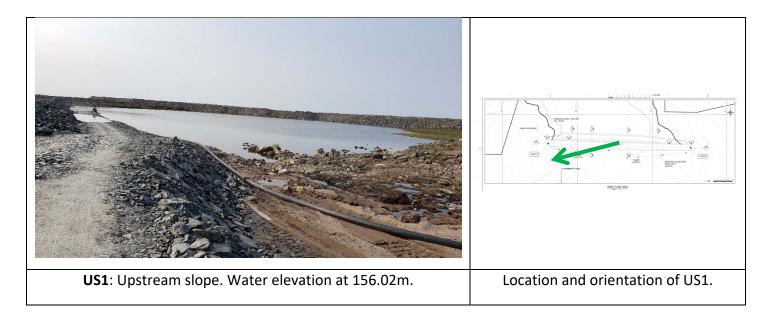


Downstream slope and berm



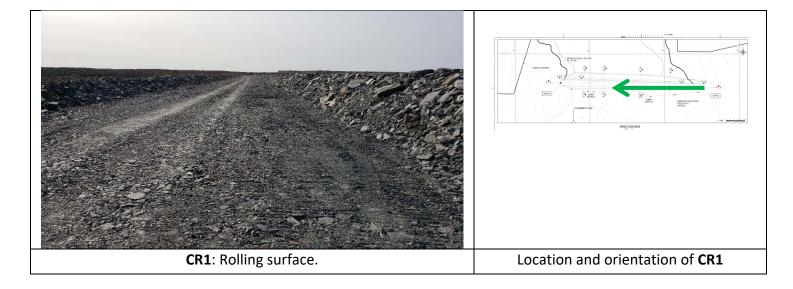


Upstream slope and berm





Crest surface



Simplified Surveillance Form

Structure: WRSF Dike Date: 2019/08/16

Surveillance done by : Pier-Eric McDonald

	Item	Char	nging cond		Comments
		Yes	No	NA	
1	Freeboard and pond level	Х			1 x HL250 installed last weekend to give a push. Level from peak 156.17 (July 8th) to 155.95 (July 16th). Water is now 2/3 to 3/4 over the key trench.
2	Tension Cracks		х		
3	Sinkhole		х		No visual progression.
4	Settlement		Х		No visual progression.
5	Sloughing		х		
6	Erosion		Х		
7	Debris & Obstruction (ditches, sump)		Х		
8	Seepage		Х		Thorough inspection of d/s toe showed no seepage through structure.
9	Turbidity		Х		Signs of turbidity in the WRSF pond.
10	Instrumentation Condition		х		No change in instruments condition.
11	Piezometric reading			х	
12	Thermistor reading	Х			All 3 TH on a normal seasonal warming trend. All beads frozen below CF layer of Key trench while all beads above CF are thawed, peaking at water temperature of 11C.
13	SAA reading			х	
14	Flowmeter			Х	
15	Condition of pipe, pump & instruments				Pumping with HL-250 since Aug 8th. Pumping into Quarry 1. This system is now independent from the pit dewatering that now has its own 2nd 8" line.

Comments & Recommendations:

 $Follow-up \ on \ TARP \ level \ now \ adjusted \ from \ 155.5 \ to \ 156.15 \ for \ containing \ a \ 1:100 \ rain \ event. \ Continue \ pumping.$

Simplified Surveillance Form Structure : WRSF Dike Date: 2019/08/23 Surveillance done by : Patrice Gagnon Changing condition ? Comments No pumps installed in pond Freeboard and pond level Χ Level @ 155.24 (Aug 23rd). Numerous tension cracks on the crest of the dike, all were painted. Some are as long as 15-20m and show aperture of 2 3cm. Located on the cret in the deepest area of the excavation over the key trench, parallel to the d/s bumper, almost Tension Cracks Х 2 delineating a semi-circular pattern between stations 0+90 to 0+140. Sinkhole Х 3 4 Х Settlement maybe a slight settlement on the crest, to be confirmed with further inspections. Sloughing Χ Erosion Χ Debris & Obstruction (ditches, sump) Χ Χ 8 Seepage Turbidity Х Ok Instrumentation Condition Χ 11 Piezometric reading Χ 12 Thermistor reading Χ WRSF-TH-02 (dowsntream of liner) is showing a sudden warming on Aug 17th, nothing before that. 13 SAA reading Χ Flowmeter Х 14 Χ 15 Condition of pipe, pump & instruments

Comments & Recommendations:

Found cracks at surface large enough to raise TARP level to orange. Seepage also discovered in the downstream reporting to Mammoth lake.

	Simplified Surveillance Form									
Structure	e : WRSF Dike			Date : 20	19/08/24					
Surveilla	nce done by : Patrice Gagnon									
	Item	Chan Yes	Changing condi		Comments					
1	Freeboard and pond level	Х			HL250 installed in pond Level @ 155.15 (Aug 24th).					
2	Tension Cracks	х			Numerous tension cracks on the crest of the dike, all were painted. Some are as long as 15-20m and show aperture of 2 3cm. Located on the crest in the deepest area of the excavation over the key trench, parallel to the d/s bumper, almost delineating a semi-circular pattern between stations 0+90 to 0+140. Cracks got a little bit wider today.					
3	Sinkhole		X							
4	Settlement		Х		settlement did not progressed					
5	Sloughing		x							
6	Erosion		X							
7	Debris & Obstruction (ditches, sump)		X							
8	Seepage	х			Water source identified in the downstream boulder field.					
9	Turbidity	Х			All streams flowing through boulders are clear.					
10	Instrumentation Condition		Х		Ok					
11	Piezometric reading			х						
12	Thermistor reading		x		WRSF-TH-02 (dowsntream of liner) is showing a sudden warming on Aug 17th, nothing before that. Today, temperature regressed a bit as it was colder outside.					
13	SAA reading			x						
14	Flowmeter			Х						
15	Condition of pipe, pump & instruments			х						

Comments & Recommendations:

Monitoring of Orange Tarp level. Daily reporting and inspection.

Simplified Surveillance Form

Structure : WRSF Dike

Date : 2019/08/25

Surveillance done by : Patrice Gagnon

Surveilla	ance done by : Patrice Gagnon				
	Item	Chang Yes	ing con No	dition ? NA	Comments
1	Freeboard and pond level	Х			HL250 installed in pond Level @ 154.95 (Aug 25th).
2	Tension Cracks	х			Numerous tension cracks on the crest of the dike, all were painted. Some are as long as 15-20m and show aperture of 3 3cm. Located on the crest in the deepest area of the excavation over the key trench, parallel to the d/s bumper, almost delineating a semi-circular pattern between stations 0+90 to 0+140. 2 new cracks discovered, existing cracks got a slightly wider today.
3	Sinkhole		х		
4	Settlement		Х		Settlement did not progressed
5	Sloughing		х		
6	Erosion		х		
7	Debris & Obstruction (ditches, sump)		х		
8	Seepage		х		Water source flowing in the downstream boulder field.
9	Turbidity		х		All streams flowing through boulders are clear.
10	Instrumentation Condition		Х		Ok
11	Piezometric reading			х	
12	Thermistor reading		х		WRSF-TH-02 (dowsntream of liner) is showing a sudden warming on Aug 17th, nothing before that. Today, temperature regressed a bit as it was colder outside.
13	SAA reading			х	
14	Flowmeter			Х	
15	Condition of pipe, pump & instruments			х	

Comments & Recommendations:

Monitoring of Orange Tarp level. Daily reporting and inspection. Meeting was held with stakeholders to explain the situation. Action plan in place. HL 250 pump is pumping to Quarry 1.

This simplified form is to be used as per the OMS manual instruction. The surveillance log must be updated after this surveillance report is filed. All condition deviating from normal operating threshold must be described in the comments section. Picture of changing condition should be attached to this document. Any changing condition must be reported to the geotechnical engineer. Any changing condition triggering a change in threshold level must be communicated to the Eng. Coordinator or Superintendant.

Simplified Surveillance Form Date : 2019/08/26

Structure : WRSF Dike

Surveilla	ance done by : Patrice Gagnon				
	Item	Chang Yes	ing con No	dition ? NA	Comments
1	Freeboard and pond level	х			HL250 installed in pond Level @ 154.95 (Aug 25th).
2	Tension Cracks		x		Numerous tension cracks on the crest of the dike, all were painted. Some are as long as 15-20m and show aperture of 2 3cm. Located on the crest in the deepest area of the excavation over the key trench, parallel to the d/s bumper, almost delineating a semi-circular pattern between stations 0+90 to 0+140. No new cracks discovered today.
3	Sinkhole		х		
4	Settlement		Х		Settlement did not progressed
5	Sloughing		х		
6	Erosion		х		
7	Debris & Obstruction (ditches, sump)		Х		
8	Seepage		х		Water source flowing in the downstream boulder field.
9	Turbidity		Х		All streams flowing through boulders are clear.
10	Instrumentation Condition		Х		Ok
11	Plezometric reading			х	
12	Thermistor reading		х		WRSF-TH-02 (dowsntream of liner) is showing a sudden warming on Aug 17th, nothing before that. Temperature is still on a decreasing trend in foundation.
13	SAA reading			×	
14	Flowmeter			Х	
15	Condition of pipe, pump & instruments			х	

Comments &	Recommendations	•

Monitoring of Orange Tarp level. Daily reporting and inspection. Pumping continues to Quarry 1. No changes from yesterday.

Simplified Surveillance Form Structure : WRSF Dike Date: 2019/08/27 Surveillance done by : Patrice Gagnon Changing condition ? Comments HL250 installed in pond Freeboard and pond level Χ Level @ 154.55 (Aug 27th). Numerous tension cracks on the crest of the dike, all were painted. Some are as long as 15-20m and show aperture of 2 3cm. Located on the crest in the deepest area of the excavation over the key trench, parallel to the d/s bumper, almost Tension Cracks Х 2 delineating a semi-circular pattern between stations 0+90 to 0+140. No new cracks discovered today. Sinkhole Х 3 4 Χ Settlement Settlement did not progressed Sloughing Χ 6 Erosion Χ Debris & Obstruction (ditches, sump) Χ 8 Seepage Χ Water source flowing in the downstream boulder field. Intensity of flow seems to have lowered, visually and audibly. Turbidity Χ All streams flowing through boulders are clear. Instrumentation Condition Χ Ok 11 Piezometric reading Χ 12 Thermistor reading Χ WRSF-TH-02 (dowsntream of liner) is showing a sudden warming on Aug 17th, nothing before that.

Comments & Recommendations:

Condition of pipe, pump & instruments

13

14

15

SAA reading

Flowmeter

Monitoring of Orange Tarp level. Daily reporting and inspection. Pumping continues to Quarry 1.

Χ

Х

Χ

Simplified Surveillance Form Structure : WRSF Dike Date : 2019/08/28 Surveillance done by : Patrice Gagnon Changing condition ?

		Changing condition ?			
	Item		No	NA	Comments
1	Freeboard and pond level	х			HL250 installed in pond Level @ 154.38 (Aug 28th).
2	Tension Cracks		х		Numerous tension cracks on the crest of the dike, all were painted. Some are as long as 15-20m and show aperture of 3cm. Located on the crest in the deepest area of the excavation over the key trench, parallel to the d/s bumper, almost delineating a semi-circular pattern between stations 0+90 to 0+140. No new cracks discovered today.
3	Sinkhole		х		
4	Settlement		Х		Settlement did not progressed
5	Sloughing		х		
6	Erosion		х		
7	Debris & Obstruction (ditches, sump)		х		
8	Seepage	х			Water source flowing in the downstream boulder field. Intensity of flow seems to have lowered visually and audibly.
9	Turbidity		х		All streams flowing through boulders are clear.
10	Instrumentation Condition		Х		Ok
11	Piezometric reading			х	
12	Thermistor reading		х		WRSF-TH-02 (dowsntream of liner) is showing a sudden warming on Aug 17th, nothing before that.
13	SAA reading			×	
14	Flowmeter			Х	
15	Condition of pipe, pump & instruments			х	

Comments &	&	Recommendations:

Monitoring of Orange Tarp level. Daily reporting and inspection. Pumping continues to Quarry 1.

Structure : WRSF Dike Date : 2019/08/29 Surveillance done by : Patrice Gagnon Item Changing condition ? Yes No NA Comments

Item		Changing condition ?			Comments				
	nem		Yes No NA		Comments				
1	Freeboard and pond level	х			HL250 installed in pond Level @ 154.10 (Aug 29th).				
2	Tension Cracks		X		Numerous tension cracks on the crest of the dike, all were painted. Some are as long as 15-20m and show aperture of 3cm. Located on the crest in the deepest area of the excavation over the key trench, parallel to the d/s bumper, almost delineating a semi-circular pattern between stations 0+90 to 0+140. No new cracks discovered today.				
3	Sinkhole		Х						
4	Settlement		Х		Settlement did not progressed				
5	Sloughing		Х						
6	Erosion		х						
7	Debris & Obstruction (ditches, sump)		Х						
8	Seepage	x			Water source flowing in the downstream boulder field. Intensity of flow seems to have lowered visually and audibly.				
9	Turbidity		Х		All streams flowing through boulders are clear.				
10	Instrumentation Condition		Х		Ok				
11	Piezometric reading			х					
12	Thermistor reading		х		WRSF-TH-02 (dowsntream of liner) is showing a sudden warming on Aug 17th, nothing before that.				
13	SAA reading			×					
14	Flowmeter			Х					
15	Condition of pipe, pump & instruments			х					

Comments &	Recommendations:

Monitoring of Orange Tarp level. Daily reporting and inspection. Pumping continues to Quarry 1.

Simplified Surveillance Form

Structure: WRSF Dike Date: 2019/08/30

Surveillance done by : Patrice Gagnon

Surveilla	Surveillance done by : Patrice Gagnon									
	Item	Changing condition ? Yes No NA			Comments					
1	Freeboard and pond level	Х			HL250 installed in pond Level @ 153.89 (Aug 30th).					
2	Tension Cracks		х		Numerous tension cracks on the crest of the dike, all were painted. Some are as long as 15-20m and show aperture of 3cm. Located on the crest in the deepest area of the excavation over the key trench, parallel to the d/s bumper, almost delineating a semi-circular pattern between stations 0+90 to 0+140. No new cracks discovered today.					
3	Sinkhole		х							
4	Settlement		Х		Settlement did not progressed					
5	Sloughing		х							
6	Erosion		X							
7	Debris & Obstruction (ditches, sump)		х							
8	Seepage	х			Water source flowing in the downstream boulder field. Intensity of flow seems to have lowered visually and audibly.					
9	Turbidity		х		All streams flowing through boulders are clear.					
10	Instrumentation Condition		Х		Ok					
11	Piezometric reading			х						
12	Thermistor reading		х		WRSF-TH-02 (dowsntream of liner) is showing a sudden warming on Aug 17th, nothing before that.					
13	SAA reading			x						
14	Flowmeter			Х						
15	Condition of pipe, pump & instruments			х						

Comments & Recommendations:

Monitoring of Orange Tarp level. Daily reporting and inspection. Pumping continues to Quarry 1 with only 1 HL125, other ran out of water.

Simplified Surveillance Form Structure : WRSF Dike Date: 2019/08/31 Surveillance done by : Patrice Gagnon Changing condition ? Comments HL250 installed in pond Freeboard and pond level Χ Level @ 153.XX (Aug 31st). Numerous tension cracks on the crest of the dike, all were painted. Some are as long as 15-20m and show aperture of 2 3cm. Located on the crest in the deepest area of the excavation over the key trench, parallel to the d/s bumper, almost Tension Cracks Х 2 delineating a semi-circular pattern between stations 0+90 to 0+140. No new cracks discovered today, existing gone a bi larger in the past 24h. Sinkhole Х 3 Χ 4 Settlement Settlement did not progressed Sloughing Χ Erosion Χ Debris & Obstruction (ditches, sump) Χ Χ 8 Seepage Water source flowing in the downstream boulder field. Intensity of flow very low. Turbidity Χ All streams flowing through boulders are clear. Instrumentation Condition Χ Ok

Χ

Χ

Х

Χ

Х

Comments & Recommendations:

Condition of pipe, pump & instruments

11

12

13

14

15

Piezometric reading

Thermistor reading

SAA reading

Flowmeter

Monitoring of Orange Tarp level. Daily reporting and inspection. Pumping continues to Quarry 1, reduced flow, only 1 HL125.

WRSF-TH-02 (dowsntream of liner) is showing a sudden warming on Aug 17th, nothing before that. Temperature within

foundation and dike lowered 2*C in the past 24h.

Simplified Surveillance Form

Structure : WRSF Dike

Date : 2019/08/31

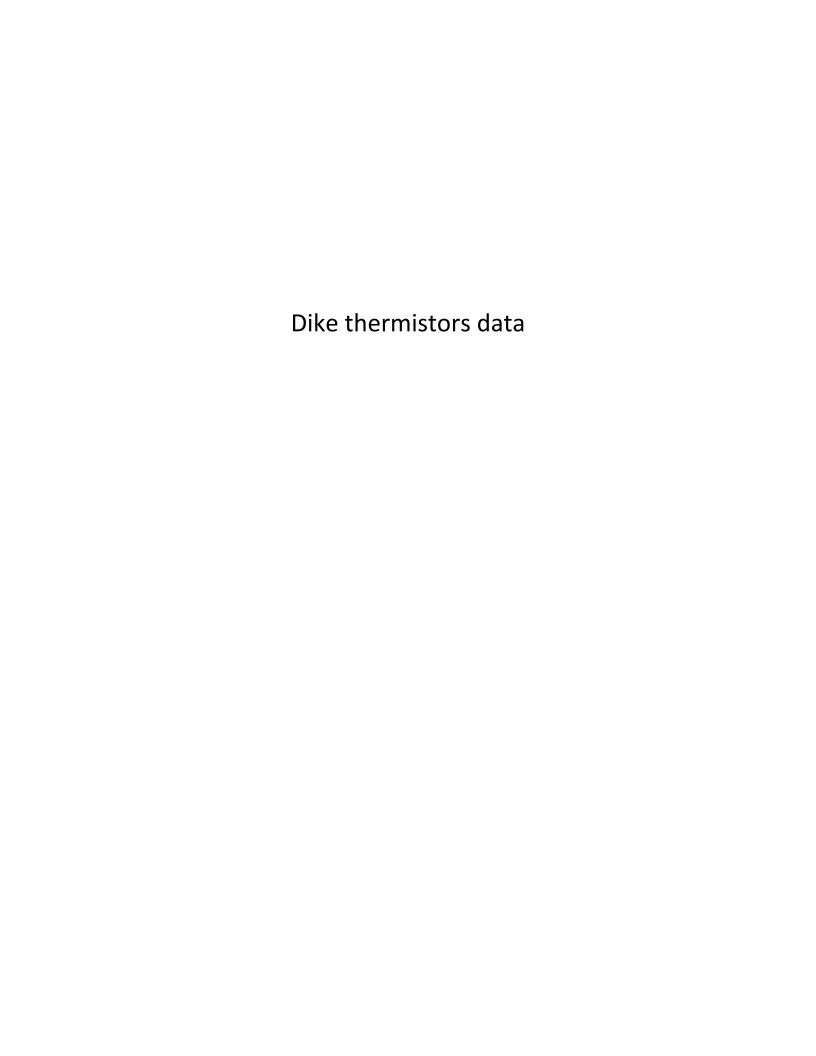
Surveillance done by : Patrice Gagnon

Jul 40ille	reveillance done by : Patrice Gagnon Changing condition ? Comments								
	Item		ing con No	dition ? NA	Comments				
1	Freeboard and pond level	Yes	NO	NA	2X HL 125 installed, 1 pumping towards Quarry 1. Level @ 153.60 (Sept 1st). No more water against the toe of the dike.				
2	Tension Cracks		х		Numerous tension cracks on the crest of the dike, all were painted. Some are as long as 15-20m and show aperture of 2 3cm. Located on the crest in the deepest area of the excavation over the key trench, parallel to the d/s bumper, almost delineating a semi-circular pattern between stations 0+90 to 0+140. No new cracks discovered today, existing had not moved in the past 24h.				
3	Sinkhole		х						
4	Settlement		Х		Settlement did not progressed				
5	Sloughing		х						
6	Erosion		х						
7	Debris & Obstruction (ditches, sump)		х						
8	Seepage	х			Water source flowing in the downstream boulder field. Intensity of flow very low.				
9	Turbidity		х		All streams flowing through boulders are clear.				
10	Instrumentation Condition		х		Ok				
11	Piezometric reading			х					
12	Thermistor reading		х		WRSF-TH-02 (dowsntream of liner) is showing a sudden warming on Aug 17th, nothing before that. Temperature within dike foundation lowered 1.5°C more in the past 24h.				
13	SAA reading			х					
14	Flowmeter			Х					
15	Condition of pipe, pump & instruments			х					

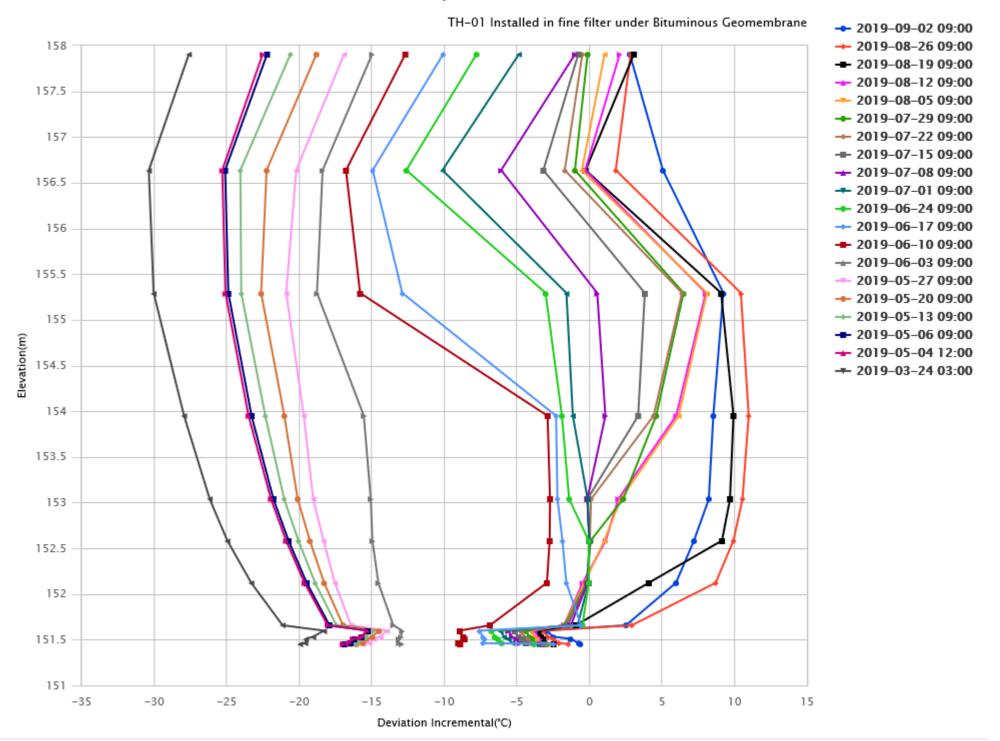
Comments & Recommendations:

Monitoring of Orange Tarp level. Daily reporting and inspection. Pumping stopped as of this morning, no more water against the toe of the dike. Very small flow at the downstream likely from structure final drainage to equilibrium. Temperature of water within the foundation decreasing, likely indicating no more flow from the warmer water from upstream pond.

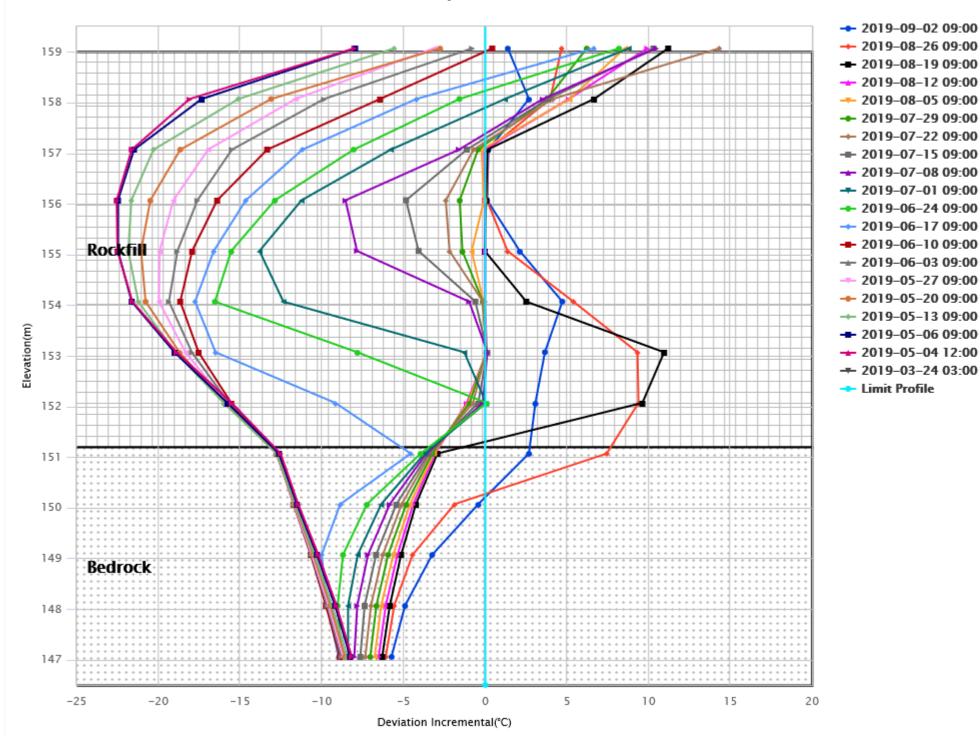
This simplified form is to be used as per the OMS manual instruction. The surveillance log must be updated after this surveillance report is filed. All condition deviating from normal operating threshold must be described in the comments section. Picture of changing condition should be attached to this document. Any changing condition must be reported to the geotechnical engineer. Any changing condition triggering a change in threshold level must be communicated to the Eng. Coordinator or Superintendant.



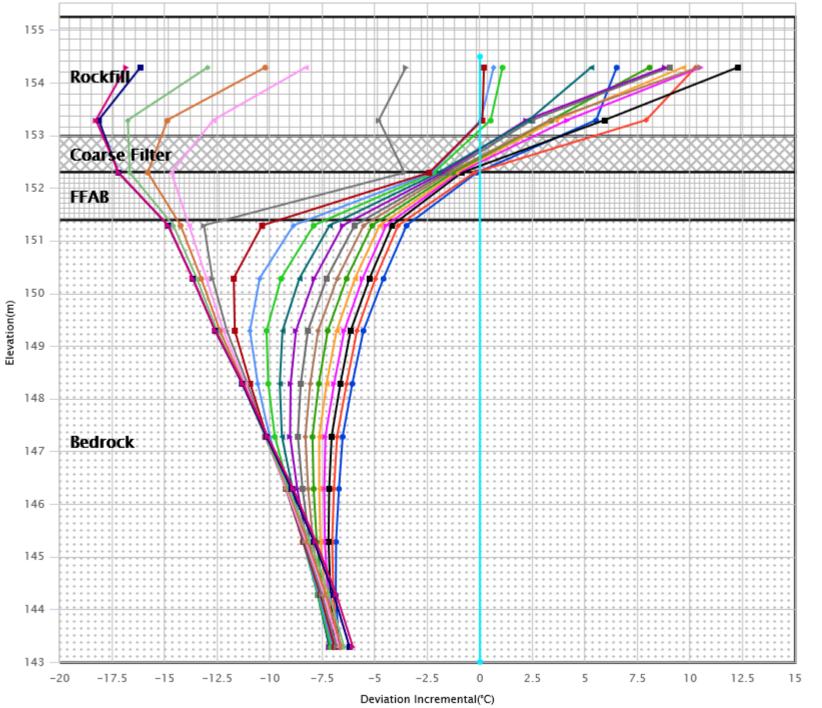
AMQ - WRSFD TH_01



AMQ - WRSFD TH_02



AMQ - WRSFD TH_03



→ 2019-09-02 09:00 → 2019-08-26 09:00 - 2019-08-19 09:00

2019-08-12 09:00

--- 2019-08-05 09:00

-- 2019-07-29 09:00

-- 2019-07-22 09:00

--- 2019-07-15 09:00

--- 2019-07-08 09:00

2019-06-24 09:00

2019-06-17 09:00

2019-06-10 09:00

± 2019-06-03 09:00

~ 2019-05-27 09:00

-- 2019-05-20 09:00

→ 2019-05-13 09:00

-- 2019-05-06 09:00

-- 2019-05-04 12:00

--- 2019-03-24 03:00

Limit Profile



January 27th, 2020

Re.: Agnico Eagle Whale Tail Project – WRSF Flow Follow up (2019-333) - Additional Information

This letter provides additional information following the water flow through the Whale Tail Waste Rock Storage Facility (WRSF) Dike reported on August 25, 2019. Specifically, this letter includes:

- a summary of the background information on the event,
- water quality test results,
- results of the investigation of the event and additional actions taken,
- instrumentation monitoring results,
- discussion of possible mechanisms leading to the event, and
- the proposed path forward.

Please note that an initial follow-up document was submitted on September 20, 2019. This letter provides additional information to the earlier document.

Background

Agnico Eagle Mines Limited – Meadowbank Division (Agnico Eagle) informed you via email on August 25, 2019, that during a routine inspection of the Whale Tail WRSF Dike carried out on August 24, 2019 at 10:30 am, a water flow was observed at the toe of the dike flowing toward Mammoth Lake (UTM 14W 0605380 7255454) (see Figure 1).

This event report was submitted in compliance with the requirements of Part H, Item 8b of Water License 2AM-WTP1826 (Water License), subsection 12(3) of the *Nunavut Waters and Nunavut Surface Rights Tribunal Act* (Canada), paragraph 5.1(a) of the *Environmental Protection Act* (Nunavut), subsection 38(5) of the *Fisheries Act* (Canada) and paragraph 24(1)(a) of the *Metal and Diamond Mining Effluent Regulations* (MDMER) made under the *Fisheries Act* (Canada). A follow-up document was submitted on September 20, 2019, providing additional details and information.

Following observation of the water flow, special measures were immediately put in place on August 24th to reduce the flowrate by pumping water out of the WRSF collection pond, with the ultimate objective to stop the flow as quickly as possible. Given the nature of the topography at the toe of the WRSF Dike (flat terrain at an elevation close to the lake elevation with the presence of a boulder field), and its difficult access, we realized that installing a pumping station at the toe could not be done rapidly and that the best course of action was a rapid head reduction in the pond by emptying it.

The WRSF pond was considered to be essentially empty by September 1st, within one week of the first observation. In the meantime, an access road to the toe of the dike was constructed to allow the installation of a water collection system to pump the water back upstream. The collection system was operated until the onset of freezing conditions on September 30th but after the pond was emptied. By this time it was mostly collecting drainage water downstream of the dike.



Figure 1: WRSF Flow and Receiving Environment Location

The initial estimate provided of the quantity of water released from the flow through the WRSF pond dike between August 15 and September 1 was approximately 15,000 m³. Verification of pumping rates, along with bathymetry of the WRSF pond and the water elevation, have enabled us to refine this estimate. As shown on Figure 2, on August 15, the volume of water in the pond was estimated at 99,657m³. From that volume, 38,135m³ was pumped to Quarry 1 to empty the pond. This meant that the rest of the water, or approximately 61,500m³, had seeped through the dike. This estimate is intended to be conservative.

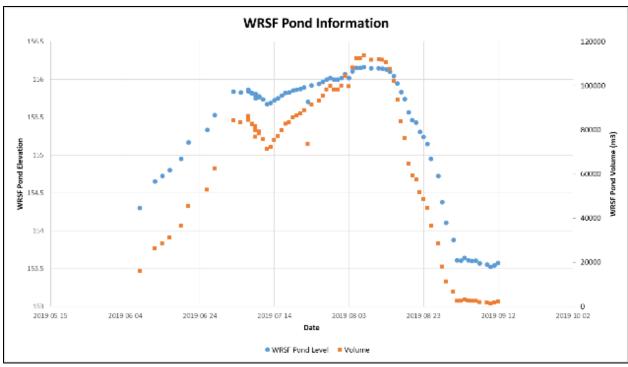


Figure 2: WRSF pond water elevation and associated volume

At peak conditions, the flow has been estimated to be approximately 172 m³/hour. These estimates have been done by comparing the actual rate of decrease of the pond level compared to the expected rate of decrease of the pond resulting only from the pumping activities.

As mentioned in our earlier communications, the visual detection of this seepage downstream of the dike was difficult because of the presence of a boulder field at the toe which caused the flow to be somewhat diffuse as well as the presence of natural runoff reporting in this area.

Toxicity and water quality results

Toxicity tests

A series of samples were taken for analysis on August 26th from the water source (WRSF Pond) as well as from the receiving waterbody (Mammoth Lake). The toxicity test results were provided in the September 20, 2019 report and showed no mortalities.

Water quality sampling

Samples were also taken to test the water quality specifically for MDMER related parameters (Table 1 and Table 2, below) on August 26th. Sampling locations were identified as WRSF flow (water sampled downstream of the dike, where the flow was first observed and where a sump was excavated) and Mammoth Lake receiving (water sampled within a few meters of the shoreline of Mammoth Lake north).

Sampling and subsequent sample shipment were executed according to site Standard Operating Procedures and samples were sent on the same day via charter and transported directly to an accredited and certified laboratory (H2Lab) in Val d'Or, Quebec.

Analysis results from these samples and from subsequent samples taken at both locations showed no exceedances of the MDMER water quality criteria. These results are consistent with the expected water quality for this contact water.

A full complement of samples for extended parameters were also collected on August 27th, 30th, September 2nd and on a weekly basis until freeze up (September 29, 2019) and sent to the accredited laboratory. Water quality results from these additional samples are shown in Appendix A. No MDMER or Water License exceedances were shown for this complement of sampling.

Table 1: WRSF- MDMER related water quality results: Mammoth Lake North

Sample Date		•	26 Aug, 2019	27 Aug. 2019	2 Sept. 2019	9 Sept. 2019	16 Sept. 2019	22 Sept. 2019	29 Sept. 2019		
Location			Mammoth Lake receiving water area (North)								
Parameter	arameter Unit MDMER Limits										
pН	pH units	6.0 - 9.5	7.47	7.32	7.18	7.68	7.74	7.9	6.9197		
Conductivity	uS/cm	-	642.6	630.2	559.6	332.2	195	202.4	278.5		
Temperature	°C	-	8.95	8.56	8.39	6.65	7.01	7.23	7.14		
Dissolved oxygen	mg/L	-	9.23	10.19	10.29	10.57	11.8	11.68	12.05		
Dissolved oxygen	%	-	81.2	89.7	90.5	89.2	99.4	98.9	100		
Turbidity	NTU	-	6.71	6.26	3.62	1.18	1.7	1.73	1.41		
Total susp.solids	mg/L	30	5	4	2	2	1	5	1		
Cyanide	mg/L	2	0.003	-	-	-	-	-	-		
Arsenic	mg/L	1	0.008	0.0079	0.0052	0.0022	0.0016	0.0017	0.0013		
Copper	mg/L	0.6	0.0046	0.0048	0.0043	0.0008	0.001	0.0007	0.0006		
Lead	mg/L	0.4	0.00015	0.00015	0.00015	0.00015	0.00015	0.00015	0.00015		
Nickel	mg/L	1	0.0212	0.023	0.0186	0.006	0.0049	0.0036	0.0033		
Zinc	mg/L	1	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005		
Radium-226	Bq/I	1.11	0.02	-	0.011	0.007	0.034	0.001	0.001		

Table 2: WRSF- MDMER related Water quality results: WRSF flow

Table 2: WRSF- MDMER related Water quality results: WRSF flow										
Sample Date			8/26/2019	8/27/2019	8/30/2019	9/2/2019				
Location			WRSF downstream flow in boulders							
Parameter	Unit	MDMER limits								
pН	pH units	6.0 - 9.5	6.79	7.17	7.54	7.03				
Conductivity	uS/cm	-	640.6	621	671.7	682.3				
Temperature	°C	-	8.59	9.99	11.05	9.76				
Dissolved oxygen	mg/L	-	8.54	8.59	8.91	10.34				
Dissolved oxygen	%	-	76.3	78	93.1	93.7				
Turbidity	NTU	-	7.36	7.18	7.47	5.1				
Total suspended solids	mg/L	30	6	4	4	3				
Cyanide	mg/L	2	0.003	-	0.0005	-				
Arsenic	mg/L	1	0.0078	0.0077	0.0087	0.0082				
Copper	mg/L	0.6	0.0044	0.0054	0.0051	0.005				
Lead	mg/L	0.4	0.00015	0.00015	0.00015	0.00015				
Nickel	mg/L	1	0.0214	0.0226	0.0239	0.0252				
Zinc	mg/L	1	0.0005	0.0005	0.0005	0.0005				
Radium-226	Bq/l	1.11	0.02	-	-	0.025				

Data from Tables 1 and 2 show water quality of the water flow at the toe of the WRSF dike and within the near field receiving water of Mammoth Lake over the period reported.

As shown in Table 1, the prescribed deleterious substances regulated pursuant to MDMER were below the prescribed limits in the receiving water of Mammoth Lake and were decreasing over time, which coincides with the reduction in water flow through the

dike as the water in the WRSF pond was pumped out (pond empty by September 1st). Arsenic concentrations, the main parameter of concern identified during the Environmental Assessment process of the Whale Tail Project, are shown in Figure 3 below in both the seepage flow and in the receiving water, as an example to show the low concentrations of arsenic relative to the MDMER limit for discharge.

At no time did water quality in either the location, WRSF flow or Mammoth Lake Receiving, exceed any of the MDMER prescribed limits or Water License criteria.

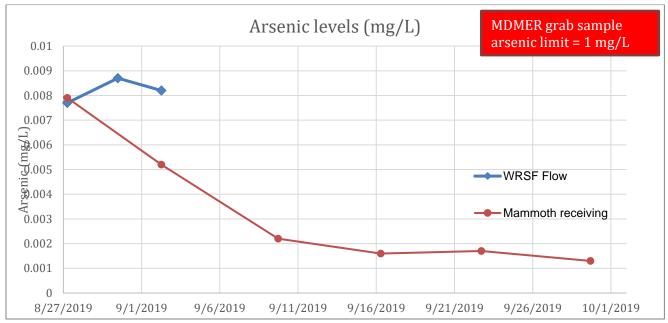


Figure 3: Arsenic Concentrations in Water of Mammoth North

Additional investigations, analysis and actions

Further investigations and analysis were completed to understand the cause of the seepage observed on August 25, 2019:

- Agnico Eagle's geotechnical engineers, along with the dike designer (SNC Lavalin) and the Engineer of Record (EoR), conducted a site visit/inspection on September 9, 2019, reviewed the available data and installed new instrumentation;
- A tracer test was conducted on October 8, 2019 and confirmed that the water levels were maintained below the authorized levels as per the dike design; and
- The Meadowbank Dike Review Board (MDRB) conducted a site visit and they supported the recommendation put forward, to keep a low water level in the pond and ensure freeze back during upcoming winter.

The following additional actions were taken:

- The downstream water was pumped back to the WRSF pond as much as possible:
 - An access road was constructed;
 - A sump was excavated;
 - A pump was installed, and flow was continuously directed back into the WRSF pond (then directed towards Quarry 1);
- The pumping was continued until September 30, 2019 at which time it was no longer possible to pump because of the decrease in flow and the freezing conditions.

The observations confirmed the initial assessment that, once low levels were maintained in the WRSF pond, no water originating from this pond was flowing towards Mammoth Lake. The pond has been kept at low levels since September 1, 2019.

The Trigger Action Response Plan status of the dike was elevated as per the OMS manual and this higher level resulted in a more intense surveillance program.

Instrumentation Monitoring Results

Installation of additional thermal monitoring instrumentation was completed in October 2019 in response to the seepage event. In addition to the existing 3 thermistors (TH-01, TH-02, TH-03), 4 new vertical instruments were installed (TH-04, TH-05, TH-06, TH-07). Locations are detailed in Figures 4 and 5 below. Figures 6 to 12 show collected data for the thermistors along with a short explanation of each instrument configuration and an interpretation of each thermistor data set. All data are logged into an existing data collection system.



Figure 4: WRSF Thermistor locations

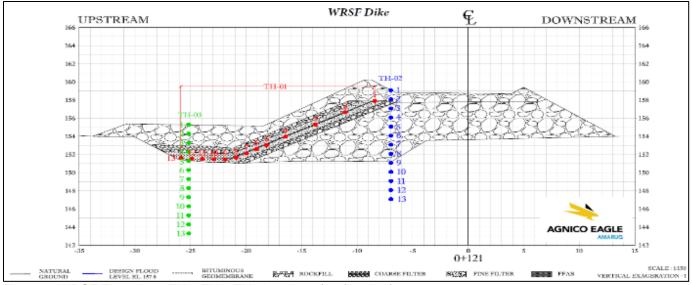


Figure 5: WRSF Thermistor TH1, TH2, TH3 locations (profile view)

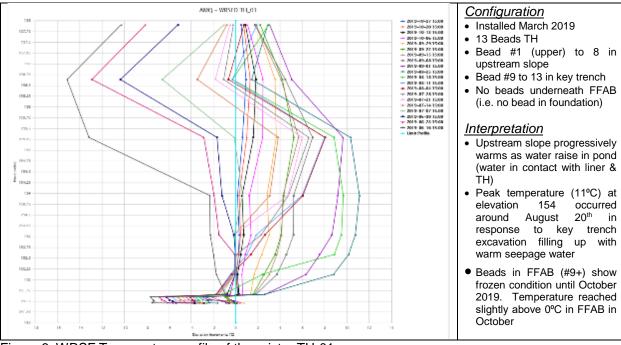


Figure 6: WRSF Temperature profile of thermistor TH-01

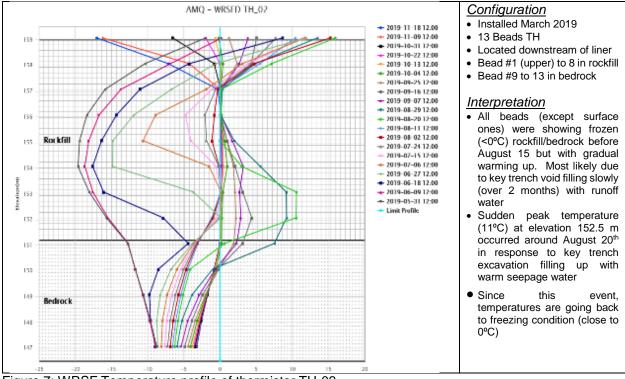


Figure 7: WRSF Temperature profile of thermistor TH-02

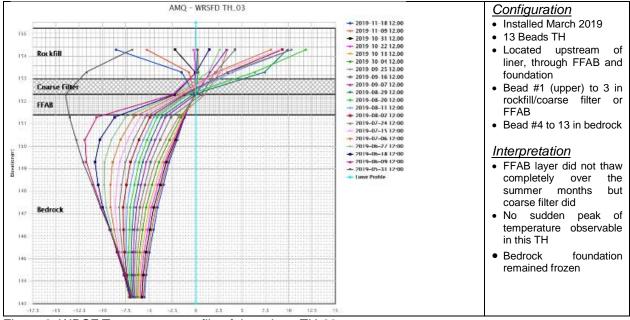


Figure 8: WRSF Temperature profile of thermistor TH-03

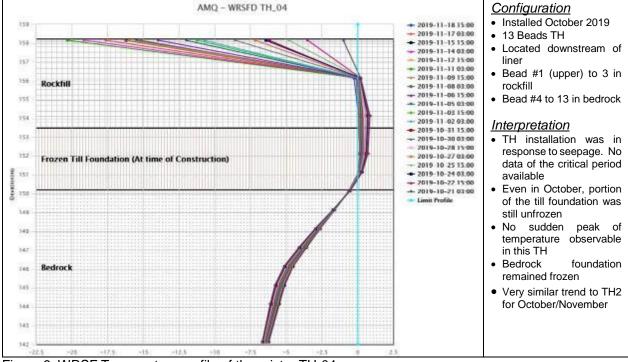


Figure 9: WRSF Temperature profile of thermistor TH-04

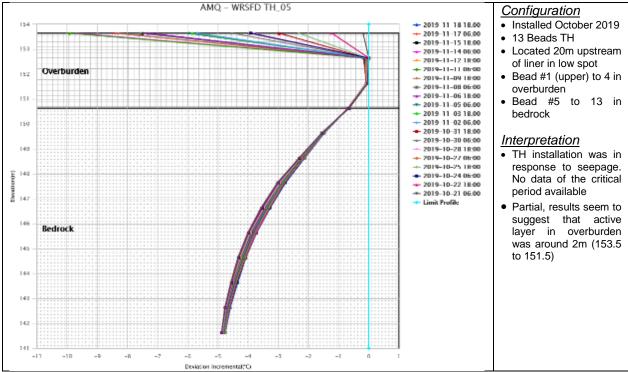


Figure 10: WRSF Temperature profile of thermistor TH-05

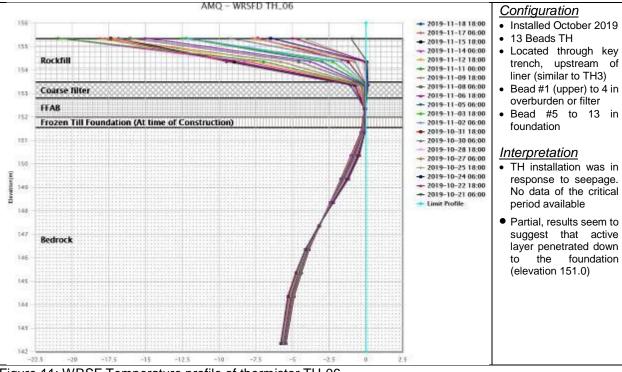


Figure 11: WRSF Temperature profile of thermistor TH-06

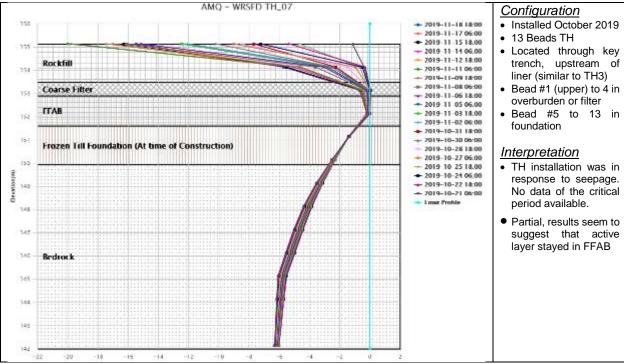


Figure 12: Temperature profile of thermistor TH-07

Seepage Mechanism Determination

Ongoing work to identify the exact mechanism that led to the seepage of water through the WRSF dike highlighted the following mechanisms: degradation of the permafrost within the dike foundation, damage to the liner, or a combination of both.

Degradation of the permafrost within the dike foundation:

Thermal monitoring results suggest that thawing of the dike foundation occurred, resulting in an increase of its hydraulic conductivity that led to the seepage. Thawing of the foundation has probably been induced by the higher than anticipated accumulation of water in the pond coupled with an insufficient thermal protection on the upstream toe of the dike.

Over the summer, the pond experienced high water levels (still within design limits) resulting from higher than anticipated precipitation. These sustained high water levels led to warming/thawing of the key trench plug (FFAB, Fine Filter Amended with Bentonite) at approximately elevation 152.5 m as shown in Figure 8 (TH-03). Thawing of the key trench created a sudden pathway for water to migrate downstream.

Damage to the liner:

While unlikely, it cannot be excluded that potential damages to the liner occurred as a result of excessive differential settlement between the dike and its foundation. However, the magnitude of the flowrate is such that it would have required an important defect in the liner. It is unlikely that excessive differential settlement could have resulted in such

large-scale damage. It is therefore more likely that if any defects were present, they could account for only a portion of the flow.

Exposing the liner to investigate its integrity risks damaging it. The strategy is to monitor the thawing of the foundation using thermistors. If thermistor data do not show any thawing and seepage beyond the design value is observed, more intrusive verification of the liner would need to be done and could lead to its replacement.

Path Forward

A series of measures have been or will be implemented to minimize the risk of a similar occurrence in the future:

- The water level in the WRSF pond will be maintained at a low level throughout 2020 as per recommendation from the MDRB as a precautionary measure and to ensure protection of the freeze-back of the key trench;
- Permafrost penetration will be promoted during winter 2019-2020 by implementing a series of additional measures to increase the robustness of the infrastructure and in particular the upstream toe against permafrost degradation:
 - Strategic snow removal to keep the toe more exposed to winter conditions;
 - Keeping a low water level (if any) in the pond during winter and summer months;
 - Placing additional thermal cover material on the upstream portion of the dike; and
 - Assessing freeze back performance with periodic instrumentation review;
- A more robust downstream water collection system will be designed and constructed; and
- Thermistors monitoring will continue.

In addition, the following environmental monitoring will be conducted:

- A monthly limnology profile of Mammoth Lake will be completed over the winter and open water conditions;
- A core receiving environment monitoring program will be carried out, including Mammoth lake; and
- A sediment sampling campaign will be executed in the summer at Mammoth Lake.

This path forward was presented and approved by the MDRB during a meeting held in late November.

Conclusion

Agnico Eagle's team responded well to the event and was able to rapidly implement a series of measures when the water flow was observed. Following the emptying of the WRSF pond, the water flow was stopped by September 1st (which was later supported by a tracer test that did not show connectivity afterward). Also, water quality data showed that the overall impact of this event in the receiving environment was minimal.

It is important to mention that while this dike did not perform as intended, at no time was there an issue with its overall integrity. While it is difficult to conclude on the exact mechanism that led to the flow of water through the dike, thermistor evidence seems to point toward the thawing of the foundation on the upstream side of the dike as the main contributor. Therefore, improving the robustness of this infrastructure by providing additional thermal cover on the upstream toe is considered the most effective measure to implement at this stage. This measure is fully supported by our external and internal technical specialists who believe that promoting freeze back during the winter of 2019-2020 (to be confirmed by monitoring data from the thermistors already installed) and maintaining low water levels in the pond, should reduce the risk of similar occurrence in the coming years.

Agnico Eagle is committed to maintaining very close monitoring of this area. Additional instrumentation in the structure have been installed, strict inspection as per the OMS manual will be conducted and water quality sampling downstream of the location of the seepage will be maintained with the core receiving environment monitoring program in Mammoth Lake.

Should you have any questions regarding this report, please do not hesitate to contact the undersigned.

Regards,

Robin Allard General Supervisor

Environment

Meadowbank Division

Appendix A

Sample Date	Sample Date			8/30/2019	9/2/2019	9/2/2019	9/9/2019	9/16/2019	9/22/2019	9/29/2019
Location			Mammoth Receiving	WRSF flow boulders	inMammoth Receiving	WRSF flow boulders	inMammoth Receiving	Mammoth Receiving	Mammoth Receiving	Mammoth Receiving
Parameter	MDMER Limit	Unit								
рН		pH units	7.32	7.54	7.18	7.03	7.68	7.74	7.9	6.97
Conductivity		uS/cm	630.2	671.7	559.6	682.3	332.2	195	202.4	278.5
Temperature		°C	8.56	11.05	8.39	9.76	6.65	7.01	7.23	7.14
Dissolved oxygen		mg/L	10.19	8.91	10.29	10.34	10.57	11.8	11.68	12.05
Dissolved oxygen		%	89.7	93.1	90.5	93.7	89.2	99.4	98.9	102.4
рН	6.0 - 9.5	pH units	7.77	7.66	7.69	7.77	6.76	7.25	7.42	7.35
Hardness		mg CaCO3/L	216	243	186	254	105	69	69	73
Total dissolved solids		mg/L	406	445	374	447	191	131	132	167
Total suspended solids	30	mg/L	4	4	2	3	2	1	5	1
Turbidity		NTU	4.9	-	3.23	4.43	1.21	0.77	1.19	1.45
Total alkalinity, as CaCO3		mg CaCO3/L	52	58	63	70	28	21	23	22
Chloride		mg/L	26.9	28.6	27.5	29.1	23.5	25.4	25.7	27.1
Fluoride		mg/L	0.11	0.11	0.08	0.09	0.06	0.06	0.06	0.07
Sulphate		mg/L	160	162	127	167	48.3	24.7	24.7	36.4
Total ammonia as NH4		mg/L	0.85	0.67	0.55	0.79	0.25	0.11	0.09	0.16
Un-Ionized Ammonia,		mg/L	0.01	0.005	0.005	0.01	0.005	0.005	0.005	0.005
Total phosphorus		mg/L	0.04	0.05	0.04	0.05	0.005	0.02	0.01	0.01
Total orthophosphate (P)		mg/L	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.02
Total Metals						<u> </u>				
Aluminum		mg/L	0.064	0.194	0.027	0.087	0.0025	0.0025	0.006	0.023
Arsenic	1	mg/L	0.0079	0.0087	0.0052	0.0082	0.0022	0.0016	0.0017	0.0013
Barium		mg/L	0.0779	0.083	0.0582	0.0811	0.035	0.027	0.0257	0.0305
Cadmium		mg/L	0.00005	0.00005	0.00001	0.00005	0.00001	0.00001	0.00001	0.00002
Chromium		mg/L	0.0011	0.0015	0.0007	0.0009	0.0003	0.001	0.0003	0.0003

Copper	0.6	mg/L	0.0048	0.0051	0.0043	0.005	0.0008	0.001	0.0007	0.0006
Iron		mg/L	0.44	0.67	0.42	0.74	0.11	0.07	0.09	0.09
Lead	0.4	mg/L	0.00015	0.00015	0.00015	0.00015	0.00015	0.00015	0.00015	0.00015
Manganese		mg/L	0.3666	0.5358	0.3486	0.6314	0.109	0.0137	0.0212	0.0542
Mercury		mg/L	0.000005	0.000005	0.000005	0.000005	0.000005	0.00002	0.000005	0.000005
Molybdenum		mg/L	0.0021	0.0023	0.0016	0.0026	0.0013	0.0009	0.0011	0.0009
Nickel	1	mg/L	0.023	0.0239	0.0186	0.0252	0.006	0.0049	0.0036	0.0033
Selenium		mg/L	0.0034	0.0027	0.0017	0.0044	0.0009	0.00025	0.0015	0.00025
Silver		mg/L	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
Titanium		mg/L	0.005	0.005	0.005	0.005	0.005	0.005	0.005	0.005
Zinc	1	mg/L	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Dissolved Metals			-			1				
Aluminum		mg/L	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025	0.00025
Arsenic		mg/L	0.0059	0.0058	0.0043	0.0047	0.0015	0.0011	0.001	0.0008
Barium		mg/L	0.0676	0.0743	0.0551	0.0668	0.0368	0.0218	0.0242	0.0309
Cadmium		mg/L	0.00004	0.00001	0.00001	0.00009	0.00004	0.00001	0.00001	0.00001
Chromium		mg/L	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003	0.0003
Copper		mg/L	0.0022	0.0026	0.0024	0.003	0.0009	0.0006	0.00025	0.00025
Iron		mg/L	0.1	0.18	0.11	0.11	0.01	0.005	0.005	0.005
Lead		mg/L	0.00015	0.00015	0.008	0.00015	0.00015	0.00015	0.00015	0.00015
Manganese		mg/L	0.3613	0.5351	0.3335	0.5612	0.0941	0.012	0.0145	0.0491
Mercury		mg/L	0.000005	0.000005	0.000005	0.000005	0.000005	0.000005	0.000005	0.000005
Molybdenum		mg/L	0.0019	0.0022	0.002	0.0022	0.0012	0.0008	0.0006	0.0009
Nickel		mg/L	0.0206	0.0226	0.0177	0.0216	0.0053	0.0041	0.0028	0.0032
Selenium		mg/L	0.0026	0.0043	0.001	0.0027	0.00025	0.00025	0.00025	0.00025
Silver		mg/L	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005	0.00005
Thallium		mg/L	0.0006	0.0005	0.0008	0.0006	0.0001	0.0001	0.0001	0.0001
Zinc		mg/L	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005	0.0005
Radium-226	1.11	Bq/I	-	-	0.011	0.025	0.007	0.034	0.001	0.001





REPORT DATE: MONTH – DAY – YEAR

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

REPORT TIME

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	2019-08-31	. 571 1	15	5:45		▼ORIGINAL SPILL REOR	PORT,	REPORT NUMBER
В	OCCURRENCE DATE: MONTH- 2019-08-31	– DAY – YEAR		CURRENCE 2:00	ETIME	☐ UPDATE # TO THE ORIGINAL SPI	LL REPORT	-
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G	ANY CONTRACTOR INVOLVED		CONTRACTOR ADD	RESS OR C	OFFICE LOCATION			
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Н	SECOND PRODUCT SPILLED (IF APPLICABLE)	QUANTITY IN LITRE	S, KILOGR	AMS OR CUBIC METRI	ES U.N. NUMBER		
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M	ANY ALTERNATE CONTACT Robin Allard	POSITION General Supe		IPLOYER .gnico l	Eagle Mines	ALTERNATE CONTACT MEADOWBA LOCATION		11 S
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2019-08-31 WTP 120 Liters Hydraulic Oil

GN reference #: 2019-357

Please find the following information as a follow up to the Spill report submitted August 31, 2019 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-WTP1826, Part H, Item 8c.

Spill Description

During operations at Whale Tail pit, the hydraulic hose at the rear of BAC13 broke due to mechanical failure causing hydraulic oil to spill on the ground.



Spill location: N 65 24'24" W 096 42'25" on IOL

There were no off site impacts or discharge to any receiving watercourses. Distance to the closest water body is estimated at 150 meters outside of Quarry 2.

Cause of Spill

The spill was due to the mechanical failure of the hydraulic hose.

Remediation Actions

The equipment was immediately shut down and maintenance was called to replace the broken hose. Once the hose was repaired and the equipment was moved, the contaminated material was removed and brought to the Meadowbank landfarm. Approximately 8m3 was brought to the landfarm.

Corrective measures

A routine visual inspection of all systems and hoses is performed during pre-operations checks as a part of the preventive maintenance program.

Closure

We trust that the above details described appropriately the spill incident that occurred at the Whale Tail site on August 31, 2019 and the cleanup activities. Please contact the undersigned should you have any questions.

Tom Thomson Environmental Coordinator tom.thomson@agnicoeagle.com T: 819.759.3555 x4606744 Agnico Eagle Mines Limited Meadowbank Division Baker Lake, Nunavut, Canada XOC 0A0

agnicoeagle.com

AGNICO EAGLE







OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

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2019-09-05 WTP Quarry 2 2500 Liters HYDRAULIC OIL

GN reference #: 2019-366

Please find the following information as a follow up to the spill report submitted September 5th, 2019 by Agnico Eagle. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License NWB-2AM-WTP1826, Part H, Item 8c.

Spill Description

During operations at Whale Tail pit, the left track of BAC10 came off, damaging the tensioner cylinder which fully drained the oil tank of the backhoe. The equipment was shut down immediately.





Location coordinates of the spill: Northing 65°24'19.1" Easting 96°42'206"

There were no off site impacts or discharge to any receiving watercourses. Distance to the closest lake is estimated at 150 meters outside of Quarry 2.

Cause of Spill

The leak was caused after the BAC 10 left his track and damaging the tensioner cylinder which drained the oil tank.

Remediation Actions

The equipment was shut down and the hydraulic oil was pumped into totes. Once the oil has been pumped, the contaminated area has been excavated. The contaminated material was picked up and brought to the Meadowbank landfarm.

Corrective measures

The hydraulic system including hoses and fittings are inspected as part of the preventive maintenance program done on site. Routine visual inspection of the hydraulic system is also performed during pre-operations checks.

Closure

We trust that the above details described appropriately the spill incident that occurred at WTP on September 5th, 2019 and the follow up actions. Please contact the undersigned should you have any questions.

Martin Archambault

Environmental Senior Coordinator

martin.archambault@agnicoeagle.com

Wet Archa-black

T: 819.759.3555 x6744

Agnico Eagle Mines Limited

Meadowbank Division

Baker Lake, Nunavut, Canada

X0C 0A0

agnicoeagle.com











OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	REPORT DATE: MONTH – DAY – Y	ÆAR			PORT TIME			▼ORIGINAL SPILL REPORT,		
_	2019-09-11	NAV 1/545		14:30 OCCURR		- TIME		OR	- ,	REPORT NUMBER
В	2019-09-10	JAY – YEAH		22:30		= IIME		□ UPDATE # TO THE ORIGINAL SPI	LL REPORT	-
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2019-09-10 WTP 240 Liters Coolant

GN reference #: 2019-372

Please find the following information as a follow up to the Spill report submitted September 11, 2019 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-WTP1826, Part H, Item 8c.

Spill Description

During operations at Whale Tail pit, the radiator hose of HTR21 let go, causing coolant to spill on the ground.



Spill location: N 65 24'27.2" W 096 43'19.9" on IOL

There were no off site impacts or discharge to any receiving watercourses. Distance to the closest lake is estimated at 500 meters.

Cause of Spill

The spill was due to the mechanical failure of the radiator hose.

Remediation Actions

The equipment was immediately shut down and maintenance was called to replace the broken hose. Once the hose was repaired and the equipment was moved, the contaminated material was removed and brought to the Meadowbank south cell tailings.



Corrective measures

A routine visual inspection of all systems and hoses is performed during pre-operations checks as a part of the preventive maintenance program.

Closure

We trust that the above details described appropriately the spill incident that occurred at the Whale Tail site on September 10, 2019 and the cleanup activities. Please contact the undersigned should you have any questions.

Tom Thomson Environmental Coordinator tom.thomson@agnicoeagle.com T: 819.759.3555 x4606744 Agnico Eagle Mines Limited Meadowbank Division Baker Lake, Nunavut, Canada XOC 0A0

agnicoeagle.com







THIRD SUPPORT AGENCY



NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

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A	REPORT DATE: MONTH – DAY – YE 2019-09-28	EAR		REPORT 11:30		XORIGINAL SPILL RE	PORT,	REPORT NUMBER			
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ט	2019-09-27			23:00							
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K	road due to poor visibility (blowing snow) and went off the road, tipping on it's side. The fuel tank did not rupture but fuel was observed leaking out of the breather vents. Spill pads and booms were placed on the ground, and a small sump and perimeter trench was dug to collect any further fuel from going out into the tundra. Once the truck has been recovered, the fuel in the sump and trench will be pumped out and the contamined material will be collected and brought to the landfarm at Meadowbank. There were no off site impacts or discharge to any receiving watercourses. Distance to the closest water body is approximately 200m to pond A51. Spill Location: N 65° 24' 28.3" W 96° 40' 52.7" Contact Information: Tom Thomson 819-759-3555 ext. 4606744										
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2019-09-27 WTP FUEL TRUCK 3500 LITERS DIESEL

GN reference # : 2019-403

Please find the following information as a follow up to the Spill report submitted September 28, 2019 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-WTP1826, Part H, Item 8c.

Spill Description

Fuel truck operator was returning from his fuel run at Whale Tail pit when he lost sight of the road due to poor visibility (blowing snow) and went off the road, tipping on its side. The fuel tank did not rupture but fuel was leaking out of the breather vents.



Spill location: N 65 24'28.3" W 096 40'52.7" on IOL

There were no off site impacts or discharge to any receiving watercourses. Distance to the closest water body is approximately 200 meters to A51.

Cause of Spill

The spill was due to the fuel truck going off the road.

Remediation Actions

Spill pads and booms were placed on the ground, a small sump and perimeter trench was dug to collect any further fuel from going into the tundra. The fuel in the truck was pumped into another fuel truck and tipped upright. The fuel in the sump was pumped into totes and sent to the HazMat area with the spill pads and booms. Once the truck was removed from the scene, the contaminated material was scraped, collected and brought to the Meadowbank landfarm. Approximately 120m3 of contaminated material was collected.













Corrective measures

During low visibility conditions when a fuel run is required to maintain operating equipment, a truck escort will be provided. High vis flags have also been installed on road where the spill occurred.

Closure

We trust that the above details described appropriately the spill incident that occurred at the Whale Tail site on September 27, 2019 and the cleanup activities. Please contact the undersigned should you have any questions.

Tom Thomson

Environmental Coordinator tom.thomson@agnicoeagle.com T: 819.759.3555 x4606744

Agnico Eagle Mines Limited Meadowbank Division Baker Lake, Nunavut, Canada XOC 0A0

agnicoeagle.com

AGNICO EAGLE







OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

												HEI OH EINE GOL GHEI
Α	REPORT DATE: MONTH – DAY 10-23-2019	-YEAR			9:00	TIME			X OF	ORIGINAL SPILL RE	PORT,	REPORT NUMBER
В	OCCURRENCE DATE: MONTH 10-10-2019	– DAY – YEA	AR		000URF		IME			UPDATE # THE ORIGINAL SPII	LL REPORT	-
С	LAND USE PERMIT NUMBER ((IF APPLICAE	BLE)					NCE NUMBE	,	APPLICABLE)		
D	GEOGRAPHIC PLACE NAME O		E AND DIRECTION	N FROM NAMED L	OCATION		GION	X NUNA	VIIT	□ ADJACENT JU	DISDICTION	OR OCEAN
	LATITUDE					LONGI		ANONA	V O 1	□ ADJACENT 30	HISDICTION	OHOOLAN
	DEGREES 65	MINUTES	01	SECONDS 51	_	DEGRE		96		MINUTES 09	SE	ECONDS 21
F	RESPONSIBLE PARTY OR VES		LTD	BAKER I					ATION			
G	ANY CONTRACTOR INVOLVED	0		CONTRACTOR	ADDRESS	OR OF	FICE LO	OCATION				
	PRODUCT SPILLED Total Suspended	Solids	(TSS)	QUANTITY IN LI	TRES, KIL	.OGRAM	SOR	CUBIC MET	RES	U.N. NUMBER		
H	SECOND PRODUCT SPILLED	(IF APPLICA	BLE)	QUANTITY IN LI	TRES, KIL	.OGRAN	SOR	CUBIC MET	RES	U.N. NUMBER		
ı	SPILL SOURCE Dewatering water	· (ST-MI	DMER-5)	SPILL CAUSE Effluent I	Discha	arge				AREA OF CONTAIN	MINATION IN	SQUARE METRES
J	FACTORS AFFECTING SPILL (OR RECOVE	RY	DESCRIBE ANY	' ASSISTAI	NCE RE	QUIRE	D		HAZARDS TO PER	RSONS, PRO	PERTY OR EQUIPMENT
K	The effluent of the ST-MDMER-5/ST-DD-7 Whale Tail North Basin dewatering was sampled on October 10th, 2019 at 17:00 am as required by the Water License 2AM-WTP1826. Results from the external laboratory were received and showed TSS result at 91 mg/L. The station was sampled again on the 11th at 6:50, and the result was 1 mg/L. Previous day's result (October 9th) showed TSS to be at 1 mg/L. Based on a total flow of 4042 m3 between October 10th and 11th, the quantity of TSS is estimated at 368 kg. Increased internal monitoring is ongoing for this station. Spill location: ST-MDMER-5 65°23'51.3" 96°40'49.0" Contact information: Robin Allard 819-860-1414											
L	REPORTED TO SPILL LINE BY Robin Allard	1	neral Supe	rvisor	Agni		agle	Mines		CATION CALLING FE		ELEPHONE 819-759-3555
М	ANY ALTERNATE CONTACT Nancy Duquet	POSIT	on perintende	nt	Agni		agle	Mines		TERNATE CONTACT /EADOWBA		11 ATT
•		•		REPORT LIN	E USE OI	NLY			·		<u>'</u>	
NI.	RECEIVED AT SPILL LINE BY	POSIT	TON		EMPLOY	ER			LO	CATION CALLED	F	REPORT LINE NUMBER
N		STATIO	ON OPERATOR						YE	ELLOWKNIFE, NT	(8	867) 920-8130
LEAD	AGENCY DEC DCCG DC	GNWT □ GN	N □ ILA □ INAC	□ NEB □ TC	SIGN	IIFICAN	CE 🗆 N	MINOR 🗆 N	ЛАЈОГ	R 🗆 UNKNOWN	FILE STATU	JS □ OPEN □ CLOSED
AGEN	ICY	CONTACT N	AME		CON	TACT TII	ИΕ			REMARKS		
LEAD	AGENCY											
	SUPPORT AGENCY											
	OND SUPPORT AGENCY											
тніК	O SUPPORT AGENCY											



November 27th, 2019

Re: Agnico Eagle Meadowbank Mine – Whale Tail Dewatering Discharge Total Suspended Solids Exceedance reported on October 23rd, 2019 - Follow up report (GN #2019-438)

As required by Water License 2AM-WTP1826 Part H, Item 8b, Section 24(1)(a) of the Metal and Diamond Mining Effluent Regulations and subsection 38 (5) of the *Fisheries Act*, Agnico Eagle Mine Ltd. Meadowbank Division informed you via email on October 23rd, that the level of Total Suspended Solids (TSS) from the Whale Tail Dewatering discharge exceeded the limits, set out in Water License Part D Item 7 and MDMER Schedule 4, of 22.5 mg/L and 30 mg/L, respectively, for the maximum authorized concentration in a grab sample.

As required by Water License 2AM-WTP1826 Part H, Item 8c and MDMER Section 24 (2), please consider this letter as the written report describing the test results to be submitted 30 days after the tests have been completed.

Water discharge to the Whale Tail South Lake (65°23'49.08" 96°40'58.00") for the regulatory Whale Tail North Dewatering Discharge has been ongoing during the Whale Tail operations and as required by Water License (ST-DD-7) and MDMER (ST-MDMER-5 Whale Tail North basin Dewatering Phase 1, 65°23'51.3" 96°40'49.0"), daily and weekly samples are taken and reported monthly via the NWB Monthly report and on a quarterly basis via the ECCC systems.

The Whale Tail Dewatering Discharge effluent was sampled on October 10th, 2019 at 17:00 CT. The analytical results from the external accredited laboratory for this sampling was received on October 23rd and showed TSS to be at 91 mg/L, exceeding the regulatory limit of 30 mg/L maximum authorized concentration in a grab sample. Previous day's sampling result (October 9th) showed levels to be at 1 mg/L and the subsequent day (October 11th, at 6:50 CT) to be at 5 mg/L.

Toxicity samples were also taken on October 23rd upon reception of exceedance, showing the effluent to be compliant (annexe).

Previous results in October:

Date	TSS (mg/L)
2019/10/08	1.0
2019/10/09	1.0
2019/10/10	91.0
2019/10/11	5.0
2019/10/12	11.0



Based on a total flow of 4042 m³ between 17:00 on October 10th and 6:50 on October 11th, the quantity of TSS release was estimated at 367.8 kg.

After further investigation, it was assessed that the elevated TSS result was related to very high wind and blizzard conditions exposing the pumping area to these elements. Once wind had subsided, TSS levels had decreased significantly.

A berm was bonified around this section to limit exposure to conditions and decrease potential risk of further impacts.

Given the short duration of potential exceedance between October 10th and 11th, Agnico is confident that the aquatic environment was protected and not impacted. Core receiving environment monitoring in Whale Tail South has been collected and is ongoing and will confirm these findings.

Should you have any questions regarding this report, please do not hesitate to contact the undersigned.

Regards,

Agnico Eagle Mines Limited – Meadowbank Division

Robin Allard

robin.allard@agnicoeagle.com General Supervisor Environment



AquaTox Testing & Consulting Inc. B-11 Nicholas Beaver Road Puslinch, ON NOB 2JO Tel. (519) 763-4412 Fax. (519) 763-4419

TOXICITY TEST REPORT

Daphnia magna EPS 1/RM/14 Page 1 of 2

Work Order: 240674 Sample Number: 61263

SAMPLE IDENTIFICATION

Company: Agnico Eagle Mines Limited- Meadowbank Division

Location: Baker Lake NU Substance:

ST-MDMER-5

Sampling Method: Grab

Test Method:

Sampled By: L. Dubois & K. Martee Sample Description: Clear, light green, odourless Date Collected:

Date Tested:

Time Collected:

Temperature on Receipt:

2019-10-23 06:30 2019-10-25

Date Received: Time Received:

10:45 12.0 °C 2019-10-26

Reference Method for Determining Acute Lethality of Effluents to Daphnia magna. Environment Canada EPS

1/RM/14 (Second Edition, December 2000, with February 2016 amendments).

48-HOUR TEST RESULTS

Effect Value 95% Confidence Limits Calculation Method LC50 >100% EC50 >100%

The results reported relate only to the sample tested and as received.

TEST ORGANISM

Species: Organism Batch: Culture Mortality: Daphnia magna Dm19-21

0.4% (previous 7 days)

Time to First Brood:

8 days

Average Brood Size:

31.7 young

TEST CONDITIONS

Sample Treatment:

pH Adjustment: Pre-aeration Rate:

Pre-aeration Time:

None None

~30 mL/min/L

30 minutes None

Number of Replicates: Organisms / Replicate:

10 Organisms / Test Level:

10

Organism Loading Rate: 15.0 mL/organism Impaired Control Organisms: 0.0%

None

1

Test Aeration: Hardness Adjustment: None

Test Method Deviation(s):

REFERENCE TOXICANT DATA

Toxicant: Date Tested:

LC50:

Sodium Chloride 2019-10-29 6.9 g/L

Historical Mean LC50: Warning Limits (± 2SD):

Organism Batch:

6.4 g/L 5.7 - 7.1 g/L Dm19-21

95% Confidence Limits: Statistical Method:

6.6 - 7.3 g/L Spearman-Kärber Analyst(s):

KJW, SV, RK, CG

COMMENTS

All test validity criteria as specified in the test method were satisfied.

Date:

vvvv-mm-dd



TOXICITY TEST REPORT

Daphnia magna

EPS 1/RM/14

Page 2 of 2

Work Order: Sample Number: 240674 61263

* adjusted for temperature and barometric pressure

				TEST DAT	A			
Initial	Water Chemis	try (100%) :	р Н 8.2	Dissolved O ₂ (mg/L) 9.0	Conductivity (µmhos/cm) 110	Temperature (°C) 20.0	O ₂ Saturation (%)* 103	Hardness (as CaCO;
	-comments -			0 hours				
Date & Time Analyst(s):	2019-10-26 MA/MJT	8:25		o nours				
Concentration (%)	Dead	Immobile	pH	Dissolved O2	Conductivity	Temperature	O ₂ Saturation (%)*	Hardness
100	0	0	8.0	8.8	106	20.0	101	30
50	0	0	8.5	8.8	459	20.0	=	-
25	0	0	8.5	8.8	616	20.0	<u>-227</u>	12
12.5	0	0	8.5	8.8	685	20.0	-	-
6.25	0	0	8.5	8.8	718	20.0	22	325
Control	0	0	8.5	8.8	755	20.0	100	210
Notes:								
				24 hours				
Date & Time Analyst(s):	2019-10-27 VC	8:25						
Concentration (%)	Dead	Immobile	pH	Dissolved O2	Conductivity	Temperature		
100		0	=	2	24	19.0		
50		0	-	_	-	19.0		
25	-	0	_			19.0		
12.5	ms.	0	-	_	***	19.0		
6.25	_	0	-	-	-	19.0		
Control	_	0	_		_	19.0		
Notes:		70				12.0		
				48 hours	MI			
Date & Time Analyst(s):	2019-10-28 CG	8:25						
Concentration (%)	Dead	Immobile	pН	Dissolved O ₂	Conductivity	Temperature		
100	0	0	8.2	8.5	129	19.0		
50	0	0	8.4	8.5	471	19.0		
25	0	0	8.5	8.5	624	19.0		
12.5	0	0	8.5	8.6	696	19.0		
6.25	0	0	8.5	8.5	733	19.0		
Control	0	0	8.5	8.6	793	19.0		
Notes:	25	1040	ವಾನಕೆ)	interest?	124	MASSAK.		
		Number im	mobile	does not includ	a number of	omtoliti		
		AND THE	moone	does not includ	e number of m	ortanties.		
- = not measured/no adjusted for temper			2020			Test Data Rev	iewed By :	FS
autusicu für temner	ature and paro	metric precent	·e			Data	2040 12	

Date:

2019-10-31



AquaTox Testing & Consulting Inc. B-11 Nicholas Beaver Road Puslinch, ON NOB 2JO Tel. (519) 763-4412 Fax. (519) 763-4419

TOXICITY TEST REPORT

Rainbow Trout EPS 1/RM/13 Page 1 of 2

Work Order: 240674 Sample Number: 61263

SAMPLE IDENTIFICATION

Company:

Agnico Eagle Mines Limited- Meadowbank Division

Date Collected:

2019-10-23

Location:

Baker Lake NU

Time Collected:

06:30

Substance:

ST-MDMER-5

Date Received:

2019-10-25

Sampling Method:

Grab L. Dubois & K. Martee

Time Received:

10:45

Sampled By:

Sample Description: Clear, light green, odourless

Temperature on Receipt: Date Tested:

12.0 °C 2019-10-25

Test Method(s):

Reference Method for Determining Acute Lethality of Liquid Effluents to Rainbow Trout. Environment Canada, EPS

1/RM/13 (2nd Edition, December 2000, with May 2007 and February 2016 amendments).

96-HOUR TEST RESULTS

Value

95% Confidence Limits

Statistical Method

Effect LC50

>100%

The results reported relate only to the sample tested and as received.

TEST ORGANISM

Test Organism:

Oncorhynchus mykiss

Average Fork Length (± 2 SD):

37.7 mm (±4.8)

Organism Batch:

T19-22

Range of Fork Lengths:

33 - 41 mm

Control Sample Size:

10

Average Wet Weight (± 2 SD):

0.47 g (±0.24)

Cumulative stock tank mortality rate:

0.1% (previous 7 days)

Range of Wet Weights: Organism Loading Rate: 0.29 - 0.65 g

Control organisms showing stress:

0 (at test completion)

0.2 g/L

TEST CONDITIONS

Sample Treatment:

pH Adjustment:

None None

Volume Tested (L): Number of Replicates: 20 1

Test Aeration: Pre-aeration/Aeration Rate: Yes

Organisms Per Replicate: Organisms Per Test Level: 10 10

Total Pre-Aeration Time:

 $6.5 \pm 1 \text{ mL/min/L}$ 60 minutes

Test Method Deviation(s):

None

REFERENCE TOXICANT DATA

Toxicant:

Potassium Chloride

Date Tested:

2019-10-18

Organism Batch:

T19-22

Historical Mean LC50:

3601 mg/L 2824 - 4590 mg/L

LC50: 95% Confidence Limits: 3022 mg/L 2677 - 3412 mg/L

Warning Limits (± 2SD): Analyst(s):

MDH, ALC, KP

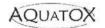
Statistical Method:

Linear Regression (MLE)

COMMENTS

·All test validity criteria as specified in the test method were satisfied.

Approved By



TOXICITY TEST REPORT

2019-10-31

Rainbow Trout EPS 1/RM/13 Page 2 of 2

Work Order: 240674 Sample Number: 61263

* adjusted for temperature and barometric pressure

Sample Numbe	r: 61263		TEST D	ATA			
			рН		Conductivity (µmhos/cm)	Temperature	O ₂ Saturation
Initial Water Cl	nemistry (100%):		7.9	9.8	109	14.0	100
After 30 min pr	e-aeration:		7.7	10.0	110	14.0	101
			0 HOU	RS			000
Date & Time Analyst(s):	2019-10-25 MDH/KP	14:30	V.1.53	*****			
Concentration %	Dead	Impaired	рН	Dissolved O ₂	Conductivity	Temperature	O ₂ Saturation
100	0	0	7.9	9.9	110	14.0	100
50	0	0	8.0	9.8	491	14.5	22
25	0	0	8.0	9.7	660	14.5	
12.5	0	0	8.0	9.7	740	14.5	7+4
6.25	0	0	8.1	9.7	783	14.5	922
Control Notes:	0	0	8.0	9.6	835	14.5	99
The Charles	record the state of		24 HOU	URS			
Date & Time Analyst(s):	2019-10-26 MDH	14:30					
Concentration %	Dead	Impaired	pН	Dissolved O ₂	Conductivity	Temperature	
100	0	0	-	-	-	15.0	
50	0	0	-	-	-	15.0	
25	0	0	-	-	-	15.0	
12.5	0	0		-	100	15.0	
6.25 Control	0	0	-	-	200	15.0	
Notes:	0	U	-			15.0	
			48 HOU	URS			
Date & Time	2019-10-27	14:30	A STATE OF THE STATE OF	0.52.57.5			
Analyst(s):	MDH	14.50					
Concentration %	Dead	Impaired	pН	Dissolved O ₂	Conductivity	Temperature	
100	0	0	100	1223	-	15.0	
50	0	0	1	500	-	15.0	
25	0	0	-	-	-	15.0	
12.5	0	0	-	100	(50)	15.0	
6.25 Control	0	0	-	-	-	15.0	
Notes:	.0	0		-	100	15.0	
			72 HOU	URS			
Date & Time Analyst(s):	2019-10-28 ALC (KP)	14:30					
Concentration	Dead	Impaired	рН	Dissolved O ₂	Conductivity	Temperature	
100	0	0	-	***		15.0	
50	0	0	-	(10)	(**	15.0	
25	0	0	-	-	-	15.0	
12.5	0	0	-	-	100	15.0	
6.25	0	0	-	-	(+)	15.0	
Control Notes:	0	0	-	120		15.0	
			96 HOU	IRS			
Date & Time Analyst(s):	2019-10-29 KP	14:30					
Concentration	Dead	Impaired	рН	Dissolved O ₂	Conductivity	Temperature	
100	0	0	7.3	9.3	116	14.5	
50	0	0	7.9	9.1	498	14.5	
25	0	0	8.1	9.1	665	14.5	
12.5	0	0	8.1	9.1	746	14.5	
5.25	0	0	8.1	9.3	764	14.5	
Control Notes:	0	0	8.1	9.0	792	14.5	
"_" = not measure	ed/not required				Test Data Re	viewed Bv	FS
	does not include nur	nber dead			Date:		10-31





OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	REPORT DATE: MONTH – DAY	-YEAR	1	REPORT TI 12:00	ME	XORIGINAL SPILL R	X ORIGINAL SPILL REPORT,		
<i>/</i> \	2019-10-21 OCCURRENCE DATE: MONTH	DAY VEAD		OCCURRE	NCE TIME	OR		REPORT NUMBER	
В	2019-10-20	- DAY - YEAR		12:00	NGE TIME	☐ UPDATE # TO THE ORIGINAL SF	PILL REPORT	-	
С	LAND USE PERMIT NUMBER ((IF APPLICABLE)			WATER LICENCE NUMBER NWB-2AM-WTI	,			
D	GEOGRAPHIC PLACE NAME OF WHALE TAIL PIT		ON FROM NAMED LC	CATION	REGION □ NWT XNUNAV	UT □ ADJACENT J	LIDISDICTION		
_	LATITUDE			L	ONGITUDE	OI - ADSACLINI S	OI IIODIO IIOIV	OIT OOLAIV	
Е	DEGREES 65	MINUTES 01	SECONDS 51		egrees 96	MINUTES 0	9 SE	conds 21	
F	RESPONSIBLE PARTY OR VES		BAKER L		RESS OR OFFICE LOCAT	TION			
G	ANY CONTRACTOR INVOLVED	D	CONTRACTOR A	DDRESS C	R OFFICE LOCATION				
	PRODUCT SPILLED TRANSMISSION F	FLUID	QUANTITY IN LIT	RES, KILO	GRAMS OR CUBIC METF	RES U.N. NUMBER			
Н	SECOND PRODUCT SPILLED	GRAMS OR CUBIC METF	RES U.N. NUMBER						
Ι	SPILL SOURCE HAUL TRUCK		SPILL CAUSE MECHANI	ICAL F	AILURE	AREA OF CONTA	AMINATION IN S	SQUARE METRES	
J	FACTORS AFFECTING SPILL (HAZARDS TO PE	ERSONS, PROF	PERTY OR EQUIPMENT					
_	ADDITIONAL INFORMATION, C	COMMENTS ACTIONS BROS	OCED OD TAKEN TO	CONTAIN	DECOVED OF DISPOSE		T AND CONTAI	AINIATED MATERIAL C	
K	Meadowbank land There were no off lake is estimated Spill location: No Contact informati	f site impacts or of at meters 250m of the strain of the s	discharge to outside Wha Easting 96°	any role le Tail	eceiving water pit. .4" on IOL		ance to tl	ne closet	
L	REPORTED TO SPILL LINE BY Tom Thomson	POSITION Env. Coordir		EMPLOYER Agnic	o Eagle Mine	LOCATION CALLING I		ELEPHONE 319 759 3555	
M	ANY ALTERNATE CONTACT Robin Allard	POSITION Env. Gen. Su		EMPLOYER		ALTERNATE CONTAC Meadowban	T A	LTERNATE TELEPHONE 819 860 1414	
			REPORT LINE			LOCATION			
N I	RECEIVED AT SPILL LINE BY	POSITION		EMPLOYER		LOCATION CALLED	R	EPORT LINE NUMBER	
N		STATION OPERATOR				YELLOWKNIFE, NT	(8	67) 920-8130	
LEAD	AGENCY DEC DCCG DC	GNWT □ GN □ ILA □ INA	C NEB TC	SIGNIF	ICANCE □ MINOR □ MA	AJOR UNKNOWN	FILE STATU	S □ OPEN □ CLOSED	
AGEI	NCY	CONTACT NAME		CONTA	CT TIME	REMARKS			
LEAD) AGENCY								
FIRS	T SUPPORT AGENCY								
SEC	OND SUPPORT AGENCY								
THIR	D SUPPORT AGENCY								



2019-10-20 MBK 120L TRANSMISSION FLUID SPILL

GN reference #: 2019-431

Please find the following information as a follow up to the spill report submitted October 21st, 2019 by Agnico Eagle. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License NWB-2AM-WTP1826, Part H, Item 8c.

Spill Description

During operations at Whale Tail pit, the transmission filter came off emptying the tank.

Location coordinates of the spill: Northing 65°24'12" Easting 96°42'25.4"

There were no off site impact or discharge to any receiving watercourses. Distance to the closest lake is estimated at 250 meters.

Cause of Spill

Upon further inspection, it was observed that the filter had been cross threaded.

Remediation Actions

The equipment was shut down and the contaminated soil was collected and put in the yellow roll off bin to be brought to the Meadowbank landfarm. 8 m³ of contaminated material was collected.





Corrective measures

The hydraulic system including hoses and fittings are inspected as part of the preventive maintenance program done on site. Routine visual inspection of the hydraulic system is also performed during pre-operations checks.

Closure

We trust that the above details described appropriately the spill incident that occurred at AMQ on October 20th, 2019 and the follow up actions. Please contact the undersigned should you have any questions.

Martin Archambault

Environmental Senior Coordinator

martin. archambault@agnicoeagle.com

Wet Archarbeach

T: 819.759.3555 x6744

Agnico Eagle Mines Limited

Meadowbank Division

Baker Lake, Nunavut, Canada

X0C 0A0

agnicoeagle.com



AGNICO EAGLE





Canadä NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

۸	REPORT DATE: MONTH – DAY –	YEAR	REPORT			l r			IX ORIGINAL SPILL REPORT,		
Α	2019-10-24			11:00			OR	==		REPORT NUMBER	
В	OCCURRENCE DATE: MONTH – 2019-10-24	DAY – YEAR		occurr 7:30	ENCE TIME			DATE # HE ORIGINA	L SPILL REPORT	<u> </u>	
С	LAND USE PERMIT NUMBER (IF	APPLICABLE)			WATER LICE NWB-2	NCE NUMBE	,	,			
D	GEOGRAPHIC PLACE NAME OF WHALE TAIL PIT F		N FROM NAMED L	OCATION	REGION	Xnuna	/UT	□ ADJACEN	IT JURISDICTION	I OR OCEAN	
_	LATITUDE				LONGITUDE						
Е		MINUTES 01	SECONDS 51	1	DEGREES	96		MINUTES	09 s	ECONDS 21	
F	RESPONSIBLE PARTY OR VESS AGNICO EAGLES		BAKER I				TION				
G	ANY CONTRACTOR INVOLVED CONTRACTOR ADDRESS OR OFFICE LOCATION										
	PRODUCT SPILLED DIESEL FUEL		QUANTITY IN LI	ITRES, KIL	OGRAMS OR	CUBIC MET		U.N. NUMBE 1202	R		
Η	SECOND PRODUCT SPILLED (III	ITRES, KIL	OGRAMS OR	CUBIC MET	RES (U.N. NUMBE	R				
I	SPILL SOURCE Dewatering pump	d fuel l	ine			AREA OF CO 10m2	NTAMINATION IN	I SQUARE METRES			
J	FACTORS AFFECTING SPILL OF	' ASSISTAN	ICE REQUIR	ΞD	ŀ	HAZARDS TO	D PERSONS, PRO	PERTY OR EQUIPMENT			
K	go creating the fue was stopped, spill sea-can. The fuel material that leake the landfarm in Me There were no off water body is 100r Spill location: Nort Contact information	pads and absor line was replace d outside the se eadowbank. site impacts or o n. thing: 65' 24'04.0	bants were d and the seacan. All conditions discharge to	e place sea-ca contan o any	d inside n will be ninated receivin	e and ar e moved materia g water	ounc d to r l will cour	d the pe emove be picl	erimeter of any conta ked up and	the pump minated d brought to	
ī	REPORTED TO SPILL LINE BY	POSITION		EMPLOYE				TION CALLI		TELEPHONE	
	Tom Thomson	Env. Coordin	ator		co Eagle	Mines	_	adowb		819 759 3555	
M	ANY ALTERNATE CONTACT Robin Allard	Env. Gen. Su	pervisor	Agno	io Eagle	Mines		RNATE CON RADOWD	-	819 860 1414	
			REPORT LIN	IE USE ON	ILY						
N	RECEIVED AT SPILL LINE BY	POSITION		EMPLOYE	ER		LOCA	ATION CALLE	ED	REPORT LINE NUMBER	
1 4		STATION OPERATOR					YELL	OWKNIFE, N	ІТ	(867) 920-8130	
LEA	AGENCY DEC DCCG DGN	NWT □ GN □ ILA □ INA	C □ NEB □ TC	SIGN	IFICANCE	MINOR 🗆 N	MAJOR [□ UNKNOWI	N FILE STAT	US □ OPEN □ CLOSED	
AGE	NCY C	ONTACT NAME		CON	TACT TIME		R	EMARKS			
LEA	DAGENCY										
FIRS	T SUPPORT AGENCY										
SEC	SECOND SUPPORT AGENCY										
THIRD SUPPORT AGENCY											



2019-10-24 WTP 200L FUEL SPILL

GN reference #: 2019-439

Please find the following information as a follow up to the spill report submitted October 24th, 2019 by Agnico Eagle. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License NWB-2AM-WTP1826, Part H, Item 8c.

Spill Description

During dewatering operations at Whale Tail pit project, the fuel line on dewatering pump PWA02 let go creating the fuel return line to leak inside the pump sea can on the dewatering pad.





Location coordinates of the spill: Northing 65°24'04.6" Easting 96°41'15"

There were no off site impact or discharge to any receiving watercourses. Distance to the closest lake is estimated at 100 meters.

Cause of Spill

He spill was cause by a leak in the return line.

Remediation Actions

The fuel line was replaced and the sea-can will be moved to remove any contaminated material that leaked outside the seacan. All contaminated material will be picked up and brought to the landfarm in Meadowbank.





Corrective measures

Routine visual inspection is done for all pumping station. This inspection includes a mechanical inspection.

Closure

We trust that the above details described appropriately the spill incident that occurred at AMQ on October 24th, 2019 and the follow up actions. Please contact the undersigned should you have any questions.

Martin Archambault

Environmental Senior Coordinator

martin.archambault@agnicoeagle.com

Wet Achablade

T: 819.759.3555 x6744

Agnico Eagle Mines Limited

Meadowbank Division

Baker Lake, Nunavut, Canada

X0C 0A0

agnicoeagle.com











OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	REPORT DATE: MONTH – DAY 2019-10-26	′–YEAR		PORT TIME 4:00	XORIGINAL SPILL REPORT	REPORT NUMBER			
В	CCURRENCE DATE: MONTH – DAY – YEAR 2019-10-25			CURRENCE TIME 7:00	☐ UPDATE # TO THE ORIGINAL SPILL RE	PORT			
С	LAND USE PERMIT NUMBER	(IF APPLICABLE)	·	NWB-2AM-WTF	,				
D	GEOGRAPHIC PLACE NAME OF WHALE TAIL PIT		N FROM NAMED LOCA	ATION REGION NWT X NUNAV	JT □ ADJACENT JURISD	CTION OR OCEAN			
Ε	LATITUDE DEGREES 65	MINUTES 01	SECONDS 51	LONGITUDE DEGREES 96	MINUTES 09	SECONDS 21			
F	RESPONSIBLE PARTY OR VES			TY ADDRESS OR OFFICE LOCAT KE X0C 0A0	ION				
G	ANY CONTRACTOR INVOLVED)	CONTRACTOR ADD	RESS OR OFFICE LOCATION					
	PRODUCT SPILLED HYDRAULIC OIL		QUANTITY IN LITRE 200L	S, KILOGRAMS OR CUBIC METR	U.N. NUMBER				
Η	SECOND PRODUCT SPILLED (IF APPLICABLE) QUANTITY IN LITE			S, KILOGRAMS OR CUBIC METR	ES U.N. NUMBER				
ı	SPILL SOURCE BAC08		SPILL CAUSE DAMAGED	HYDRAULIC HOSE	AREA OF CONTAMINATION IN SQUARE METRES				
J	FACTORS AFFECTING SPILL (RS AFFECTING SPILL OR RECOVERY DESCRIBE ANY ASSIST			HAZARDS TO PERSONS, PROPERTY OR EQUIPM				
K	was shut down and maintenance was called to fix the line. The contaminated material was picked up and brought to the Meadowbank landfarm. Approximately 4m3 of contaminated material was collected. There were no off site impacts or discharge to any receiving watercourses. Distance to the closest water body is 500m to Quarry 1. Spill Location: Northing: 65' 24'11" Easting: 96' 42'14.8" Contact Information: Tom Thomson 819 759 3555 ext. 4606744								
L	REPORTED TO SPILL LINE BY Tom Thomson	POSITION Env. Coordin		ployer gnico Eagle Mines	LOCATION CALLING FROM Meadowbank	TELEPHONE 819 759 3555			
M	ANY ALTERNATE CONTACT Robin Allard	POSITION Env. Gen. Su	_	ployer gnico Eagle Mines	ALTERNATE CONTACT Meadowbank LOCATION	819 860 1414			
			REPORT LINE U	SE ONLY	1				
Ν	RECEIVED AT SPILL LINE BY	POSITION	EM	IPLOYER	LOCATION CALLED	REPORT LINE NUMBER			
	STATION OPERATOR				YELLOWKNIFE, NT	THE OTT ENTE HOMBETT			
	LEAD AGENCY EC CCG GNWT GN ILA IN		C NEB TC SIGNIFICANCE MINOR MAJ			(867) 920-8130			
	AGENCY CONTACT NAME		: □ NEB □ TC						
LEA		CONTACT NAME	S NEB TC	SIGNIFICANCE MINOR MA	JOR □ UNKNOWN FILI	(867) 920-8130			
EIDO	D AGENCY	CONTACT NAME	S NEB TC			(867) 920-8130			
	D AGENCY IT SUPPORT AGENCY	CONTACT NAME	S NEB TC			(867) 920-8130			
	D AGENCY	CONTACT NAME	S NEB TC			(867) 920-8130			



2019-10-25 WTP 200L HYDRAULIC OIL

<u>GN reference #: 2019-441</u>

Please find the following information as a follow up to the spill report submitted October 26th, 2019 by Agnico Eagle. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License NWB-2AM-WTP1826, Part H, Item 8c.

Spill Description

During operations at Whale Tail pit, the operator struck the hydraulic cylinder against a rock, damaging the steel hydraulic line and causing hydraulic oil to spill on the ground.

Location coordinates of the spill: Northing 65°24'11" Easting 96°42'14.8"

There were no off site impact or discharge to any receiving watercourses. Distance to the closest water body is estimated at 500 meters to quarry 1.

Cause of Spill

Damage on the steel hydraulic line

Remediation Actions

The equipment was shut down and maintenance was called to fix the line. The contaminated material was picked up and brought to the Meadowbank landfarm. Approximately 4m3 of contaminated material was collected.

Corrective measures

The hydraulic system is inspected as part of the preventive maintenance program done on site. Pre-operation checks also include visual inspection of the equipment.

Closure

We trust that the above details described appropriately the spill incident that occurred at AMQ on October 25th, 2019 and the follow up actions. Please contact the undersigned should you have any questions.

Martin Archambault

Environmental Senior Coordinator

martin. archambault@agnicoeagle.com

Wet Archarbeach

T: 819.759.3555 x6744

Agnico Eagle Mines Limited

Meadowbank Division

Baker Lake, Nunavut, Canada

X0C 0A0

agnicoeagle.com









OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	REPORT DATE: MONTH – DAY – YEAR		REPORT TIME 18:00			XORIGINAL SPILL REPORT,			
	2013 10 20				ENCE TIME		DR □ UPDATE #		REPORT NUMBER
В	2019-10-26	27.1.		7:00	то:		TO THE ORIGINAL SPI	LL REPORT	⁻
С	LAND USE PERMIT NUMBER (IF APPLICABLE)		WATER LICENCE NUMBER (IF NWB-2BB-MEA-1)		,			
	GEOGRAPHIC PLACE NAME C	OR DISTANCE AND DIRECTION	ON FROM NAMED L	OCATION	REGION)-IVILA	-1020		
D	WHALE TAIL PIT					¶ NUNAVU	T ADJACENT JU	RISDICTION	OR OCEAN
Ε	LATITUDE	-4			LONGITUDE				
_	DEGREES 65 RESPONSIBLE PARTY OR VES	MINUTES 01	SECONDS 51		DEGREES 96		MINUTES 09	SE	CONDS 21
F	AGNICO EAGLES		BAKER I			E LOCATIO	JIN		
G	ANY CONTRACTOR INVOLVED)	CONTRACTOR	ADDRESS	OR OFFICE LOCA	ATION			
	PRODUCT SPILLED SEWAGE		QUANTITY IN LI	TRES, KILO	OGRAMS OR CUE	BIC METRE	S U.N. NUMBER		
Н	SECOND PRODUCT SPILLED (IF APPLICABLE) QUANTITY IN LIT				OGRAMS OR CUE	BIC METRE	S U.N. NUMBER		
I	SPILL SOURCE Waste Water Trea	tment System	SPILL CAUSE System/Mechanical Failure			AREA OF CONTAMINATION IN SQUARE METRES 20m2			
J	FACTORS AFFECTING SPILL C	OR RECOVERY	DESCRIBE ANY	ASSISTAN	ICE REQUIRED		HAZARDS TO PER	RSONS, PROF	PERTY OR EQUIPMENT
	ADDITIONAL INFORMATION, C	COMMENTS: ACTIONS PROP	OSED OR TAKEN T	O CONTAIN	N. RECOVER OR I	DISPOSE (F SPILLED PRODUCT	AND CONTAI	MINATED MATERIALS
K	tank overflowing in the sea-can. Upon further inspection, the overflow pipe had a blockage and causing sewage to leak out onto the sea-can floor and onto the ground below. The vacuum true was used to empty the tank and prevent further overflow. The bionest system will be shut down all future sewage from the camp will be kept in holding tanks then vacuum trucked to the Newton system at the Amaruq camp. All contaminated soil will be collected and brought to the Meadow landfarm. Spill Location: Northing: 65' 24'12.9" 96' 40'50.5" on IOL There were no off site impacts or discharge to any receiving watercourses. Distance to the clowater body is 400m. Contact Information: Tom Thomson 819 759 3555 ext. 4606744						um truck ut down and Newterra leadowbank		
ı	REPORTED TO SPILL LINE BY POSITION		EMPLO				LOCATION CALLING FROM		ELEPHONE
L	Tom Thomson ANY ALTERNATE CONTACT	Env. Coordin	nator	_	o Eagle M		Meadowbank		3197593555
M	Robin Allard	Env. Gen. Su	ıpervisor	Agnic	o Eagle M		ALTERNATE CONTACT Meadowbani LOCATION	(A	198601414
			REPORT LIN						
N	N I		EMPLOYE	:R			EPORT LINE NUMBER		
	ACENOV DEC. DOCC. DO	STATION OPERATOR	O DNED DTO	CICNI	FIGANICE - MINI		YELLOWKNIFE, NT		
	DAGENCY DEC DCCG DG		C NEB IC						
LEA	D AGENCY	CONTACT NAME		CONTACT TIME			REMARKS		
\vdash	· -				ACTIME				67) 920-8130 S □ OPEN □ CLOSED
ı	T SUPPORT AGENCY				ACT TIME				
SEC	T SUPPORT AGENCY OND SUPPORT AGENCY				ACT TIME				



2019-10-26 WTP 4m3 Sewage spill

GN reference #: 2019-442

Please find the following information as a follow up to the Spill report submitted October 26th, 2019 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2BB-MEA1828, Part H, Item 5c.

Spill Description

During a routine inspection of the Bionest at Whale Tail Exploration camp, the operator observed the sewage tank overflowing in the sea-can. Approximately 4 m³ went on the ground.

Spill location: N 65 24'12.9" W 096 40'50.5"

There were no off site impact or discharge to any receiving watercourses. The distance to the closest lake is estimated at 400 meters to Whale Tail North basin.

Cause of Spill

Upon further inspection, the overflow pipe had a blockage and was causing sewage to leak out onto the seacan floor and onto the ground below.

Remediation Actions

The vacuum truck was used to empty the tank and prevent further overflow.

Corrective measures

The bionest system will be shut down and all future sewage from the camp will be kept in holding tanks then vacuum trucked to the Newterra system at the Amarug permanent camp.

Closure

We trust that the above details described appropriately the spill incident that occurred at the Whale Tail site on October 26th, 2019 and the cleanup activities. Please contact the undersigned should you have any questions.

Martin Archambault

Environmental Senior Coordinator

Wet Archarbeach

martin. archambault @agnicoeagle.com

T: 819.759.3555 x6744 Agnico Eagle Mines Limited Meadow bank Division

Baker Lake, Nunavut, Canada

X0C 0A0

agnicoeagle.com









OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	10-30-2019	′-YEAR	13:0		IE	▼ORIGINAL SPILL REPORT, OR		REPORT NUMBER		
В	OCCURRENCE DATE: MONTH 10-28-2019	I – DAY – YEAR	occuri 11:3		CE TIME	☐ UPDATE # TO THE ORIGINAL SPIL	L REPORT	-		
С	LAND USE PERMIT NUMBER		WATER LICENCE NUMBER NWB-2AM-WTI							
D	GEOGRAPHIC PLACE NAME OF Whale Tail Project	N FROM NAMED LOC	FROM NAMED LOCATION REGION			RISDICTION	OR OCEAN			
Ε	LATITUDE DEGREES 65	MINUTES 01	SECONDS 51		NGITUDE GREES 96	MINUTES 09	SE	CONDS 21		
F	AGNICO EAGLE		BAKER LA		ESS OR OFFICE LOCAT OC 0A0	ION				
G	ANY CONTRACTOR INVOLVED CONTRACTOR ADDRESS OR OFFICE LOCATION									
Н	PRODUCT SPILLED Turbidity/Suspen	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES TBD			U.N. NUMBER N/A					
П	SECOND PRODUCT SPILLED	SECOND PRODUCT SPILLED (IF APPLICABLE) QUANTITY IN LITRES, KIL			RAMS OR CUBIC METR	ES U.N. NUMBER	S U.N. NUMBER			
I	SPILL SOURCE Dewatering water	r (ST-MDMER-5)	SPILL CAUSE Effluent Di	scharç	је	AREA OF CONTAM N/A	AREA OF CONTAMINATION IN SQUARE METRES N/A			
J	FACTORS AFFECTING SPILL (OR RECOVERY	DESCRIBE ANY ASSISTANCE REQUIRED HAZARDS TO PERSONS, PROPERTY OR				PERTY OR EQUIPMENT			
K	our regular water quality sampling, another turbidity reading was taken at 11:30 on the same morning. This reading was noted at 80,10 NTU, exceeding the Water Licence criteria (Part D, Item 7) of 30 NTU. With increasing wind and blizzard conditions on site it was determined to be unsafe to take additional sampling by our personnel or proceed to further actions on the discharge. When conditions permitted to resample the discharge, on the morning of October 29th, the turbidity reading had significantly decreased to 11,90 NTU. Samples were sent to our external laboratory. Spill location: ST-MDMER-5 65°23'51.3" 96°40'49.0"									
L	REPORTED TO SPILL LINE BY	General Supe		MPLOYER Agnico	Eagle Mines	LOCATION CALLING FR		ELEPHONE 819-759-3555		
M	ANY ALTERNATE CONTACT Nancy Duquet	Superintende		MPLOYER Agnico	Eagle Mines	ALTERNATE CONTACT MEADOWBA		19-856-4385		
		•	REPORT LINE U	JSE ONLY			,			
N	RECEIVED AT SPILL LINE BY		EM	MPLOYER		LOCATION CALLED		EPORT LINE NUMBER		
		STATION OPERATOR				YELLOWKNIFE, NT		867) 920-8130		
	AGENCY DEC DCCG DC		C □ NEB □ TC	SIGNIFICANCE MINOR MAJOF			R □ UNKNOWN FILE STATUS □ OPEN □ CLOSED			
AGE	NCY	CONTACT NAME		CONTAC	TTIME	REMARKS	REMARKS			
	T SUPPORT AGENCY									
	FIRST SUPPORT AGENCY SECOND SUPPORT AGENCY									
	OND SUPPORT AGENCY									



November 28th, 2019

Re: Agnico Eagle Meadowbank Mine – Whale Tail Dewatering Discharge Turbidity exceedance reported on October 28th, 2019 - Follow up report (GN #2019-447)

As required by Water License 2AM-WTP1826 Part H, Item 8b, Section 24(1)(a) of the Metal and Diamond Mining Effluent Regulations and subsection 38 (5) of the Fisheries Act, Agnico Eagle Mine Ltd. Meadowbank Division informed you via email on October 28th, that the readings of Turbidity from the Whale Tail Dewatering discharge exceeded the limits, set out in Water License Part D Item 7, of 30 NTU, for the maximum authorized concentration in a grab sample.

As required by Water License 2AM-WTP1826 Part H, Item 8c and MDMER Section 24 (2), please consider this letter as the written report describing the test results to be submitted 30 days after the tests have been completed.

Water discharge to the Whale Tail South Lake (65°23'49.08" 96°40'58.00") for the regulatory Whale Tail North Dewatering Discharge has been ongoing during the Whale Tail operations and as required by Water License (ST-DD-7) and MDMER (ST-MDMER-5 Whale Tail North basin Dewatering Phase 1, 65°23'51.3" 96°40'49.0"), daily and weekly samples are taken and reported monthly via the NWB Monthly report and on a quarterly basis via the ECCC systems.

The Whale Tail Dewatering Discharge effluent was sampled on October 28th, 2019 at 6:40 CT for parameters to be shipped to our external accredited laboratory. In-field turbidity is also completed to follow water quality being discharged. During this sampling turbidity was measured at 15.94 NTU. The subsequent turbidity result taken around 11:30 was found to have increased at 80,10 NTU. The additional internal field turbidity readings are taken during the day to monitor potential variations in the discharge.

At that moment strong blizzard conditions prevented further safe sampling from being completed.

Additional sampling was completed on October 29th as required, including a toxicity sampling (results provided in appendix, showing the water to be not deleterious).

The table below, recaps results for turbidity and TSS for the time period of the elevated turbidity reading.



Previous results:

Date	Turbidity (UTN)	TSS (mg/L)
2019/10/28 6:40	15.94	17.0
2019/10/28 11:30	80.10	-
Bliz	zard conditions	
2019/10/29 6:30	11.90	26.0
2019/10/29 11:00	14.90	-
2019/10/29 17:00	15.8	-
2019/10/30 6:45	1.79	8.0

A total flow of 4292 m³ between 11:30 on October 28th and 6:50 on October 29th was estimated.

Blizzard conditions had a very significant impact on the discharge as the water source was still in open water condition. With ice conditions increasing the covering of the area, thus reducing exposure, future similar event would not impact water quality in the same manner.

Given the short duration of the Turbidity exceedance between October 28th and 29th, Agnico is confident that the aquatic environment was protected and not impacted.

Should you have any questions regarding this report, please do not hesitate to contact the undersigned.

Regards,

Agnico Eagle Mines Limited – Meadowbank Division

Robin Allard

robin.allard@agnicoeagle.com General Supervisor Environment



AquaTox Testing & Consulting Inc. B-11 Nicholas Beaver Road Puslinch, ON NOB 2JO Tel. (519) 763-4412 Fax. (519) 763-4419

TOXICITY TEST REPORT

Daphnia magna EPS 1/RM/14 Page 1 of 2

Work Order: Sample Number: 240736

61357

SAMPLE IDENTIFICATION

Company:

Agnico Eagle Mines Limited- Meadowbank Division Date Collected :

2019-10-29

Location:

Baker Lake NU

Time Collected:

17:00

Substance:

ST-MDMER-5

Date Received:

2019-11-04

Sampling Method:

Grab

Time Received:

10:15

Sampled By:

S. Tapp, K. Martee

Temperature on Receipt:

11.0 °C

Sample Description:

Clear, light green, mild odour

Date Tested:

2019-11-04

Test Method:

Reference Method for Determining Acute Lethality of Effluents to Daphnia magna. Environment Canada

EPS 1/RM/14 (Second Edition, December 2000, with February 2016 amendments).

48-HOUR TEST RESULTS

	일 - 있는 1은 1일시간시간(기계) - [24] - [44] - [47] -	
Substance	Effect	Value
Control	Mean Immobility	0.0 %
	Mean Mortality	0.0 %
100%	Mean Immobility	0.0 %
	Mean Mortality	0.0 %

The results reported relate only to the sample tested and as received.

TEST ORGANISM

Species:

Daphnia magna

Time to First Brood:

8 days

Organism Batch:

Dm19-21

Average Brood Size:

Culture Mortality:

1.1% (previous 7 days)

31.8 young

TEST CONDITIONS

Sample Treatment:

pH Adjustment:

None None Number of Replicates:

3

Organisms / Replicate:

10

Pre-aeration Rate:

~30 mL/min/L

Organisms / Test Level:

30

Pre-aeration Time:

30 minutes

Organism Loading Rate:

15.0 mL/organism

Test Aeration:

None

Impaired Control Organisms: 0.0%

Hardness Adjustment:

None

Test Method Deviation(s):

Yes (see below)

REFERENCE TOXICANT DATA

Toxicant:

Sodium Chloride

Historical Mean LC50:

6.4 g/L

Date Tested:

2019-10-29

Warning Limits (\pm 2SD):

5.7 - 7.1 g/L

LC50:

6.9 g/L

Organism Batch:

Dm19-21

95% Confidence Limits:

6.6 - 7.3 g/L

Analyst(s):

Statistical Method:

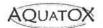
Spearman-Kärber

KJW, SV, RK, CG

COMMENTS

All test validity criteria as specified in the test method were satisfied.

Noted Deviation(s): The sample was received at the laboratory 6 days after sampling, therefore, the maximum 5 day sample holding time as specified by the test method was exceeded. The sample was tested at the request of the client.



TOXICITY TEST REPORT

Daphnia magna

EPS 1/RM/14

Page 2 of 2

Work Order: 240736 Sample Number: 61357

TEST DATA

					IESI DAIA				
	Initial Water	Chemisti	гу (100%) :	р Н 8.2	Dissolved O ₂ (mg/L) 9.8	Conductivity (µmhos/cm) 113	Temperature (°C) 20.0	O ₂ Saturation (%)* 114	Hardness (as CaCO ₃ 40 mg/L
				0 HC	OURS				
Date & Time Analyst(s):	2019-11-04 KJW/RK (RK)	15:05							
Concentration (%)	Replicate	Dead	Immobile	pН	Dissolved O ₂	Conductivity	Temperature	O2 Saturation (%)*	Hardness
100	A	0	0	8.0	8.9	106	20.0	102	40
100	В	0	0	8.0	8.9	106	20.0	102	40
100	C	0	0	8.0	8.9	106	20.0	102	40
Control	Α	0	0	8.5	8.8	756	20.0	100	200
Control	В	0	0	8.5	8.8	756	20.0	100	200
Control	C	0	0	8.5	8.8	756	20.0	100	200
Notes:									
D-1- 8 Ti	2010 11 05	15.05		24 H	OURS				
Date & Time Analyst(s):	2019-11-05 SV	15:05							
Concentration (%)	Replicate	Dead	Immobile	pН	Dissolved O ₂	Conductivity	Temperature		
100	A	==	0	-		1873	20.0		
100	В	=	0	1.000	s=	2 511	20.0		
100	C	57 0	0	-	2-	3 34	20.0		
Control	A	-	0	-	84	-	20.0		
Control	В	<u></u> 3	0	_	-	-	20.0		
Control	C	118	0	1000	0=	977	20.0		
Notes:	Test organisms the test chambe		0% concentr	ation ap	peared to be adl	hered to gas bu	bbles on the sic	les and bottom of	
				48 H	OURS				
Date & Time Analyst(s):	2019-11-06 RK/KJW (AW)	15:05							
Concentration (%)	Replicate	Dead	Immobile	pН		Conductivity	Temperature		
100	A	0	0	7.8	8.5	123	20.0		
100	В	0	0	7.8	8.5	120	20.0		
100	C	0	0	7.8	8.5	128	20.0		
Control	A	0	0	8.4	8.4	768	20.0		
Control	В	0	0	8.4	8.4	767	20.0		
Control	C	0	0	8.4	8.4	768	20.0		
Notes:	Test organisms the test chambe	in the 10 r. RK	0% concentra	ation ap	peared to be adl	nered to gas bu	bbles on the sic	les and bottom of	
			Number i						

- = not measured/not required

* adjusted for temperature and barometric pressure

Test Data Reviewed By:

RD

Date:

2019-11-12



AquaTox Testing & Consulting Inc. B-11 Nicholas Beaver Road Puslinch, ON NOB 2JO Tel. (519) 763-4412 Fax. (519) 763-4419

TOXICITY TEST REPORT

Rainbow Trout EPS 1/RM/13 Page 1 of 2

Work Order: Sample Number: 240736 61357

SAMPLE IDENTIFICATION

Company:

Agnico Eagle Mines Limited- Meadowbank Division

Date Collected:

2019-10-29

Location:

Baker Lake NU

Time Collected:

17:00

Substance:

ST-MDMER-5

Date Received:

2019-11-04

Sampling Method:

Grab

Time Received: Temperature on Receipt:

10:15 11.0 °C

Sampled By: Sample Description:

S. Tapp, K. Martee Clear, light green, mild odour

Date Tested:

2019-11-04

Test Method(s):

Reference Method for Determining Acute Lethality of Liquid Effluents to Rainbow Trout. Environment Canada, EPS

1/RM/13 (2nd Edition, December 2000, with May 2007 and February 2016 amendments).

	96-HOUR TEST RESULTS	
Substance	Effect	Value
Control	Mean Impairment	0.0 %
	Mean Mortality	0.0 %
100%	Mean Impairment	0.0 %
	Mean Mortality	0.0 %

The results reported relate only to the sample tested and as received.

TEST ORGANISM

Test Organism:

Oncorhynchus mykiss

Average Fork Length (± 2 SD): 36.1 mm (±5.8)

Organism Batch:

T19-21

Range of Fork Lengths:

32 - 40 mm

Control Sample Size:

10

Average Wet Weight (± 2 SD):

0.41 g (±0.22)

Cumulative stock tank mortality rate: 0.4% (previous 7 days) Control organisms showing stress:

0 (at test completion)

Range of Wet Weights: Organism Loading Rate: 0.26 - 0.58 g 0.2 g/L

TEST CONDITIONS

Sample Treatment:

None

Volume Tested (L):

22

pH Adjustment: Test Aeration:

None

Number of Replicates:

1

Pre-aeration/Aeration Rate:

Yes

Organisms Per Replicate:

10

 $6.5 \pm 1 \text{ mL/min/L}$

Organisms Per Test Level:

10

Total Pre-Aeration Time:

30 minutes

Test Method Deviation(s):

Yes (see below)

REFERENCE TOXICANT DATA

Toxicant:

Potassium Chloride

Date Tested:

2019-11-01

Organism Batch: LC50 :

T19-21

Historical Mean LC50:

3589 mg/L

95% Confidence Limits:

4086 mg/L

Warning Limits (± 2SD):

2733 - 4714 mg/L

Statistical Method:

3752 - 4449 mg/L Spearman-Kärber

Analyst(s):

MJT, KP, ALC, MDH

COMMENTS

All test validity criteria as specified in the test method were satisfied.

Noted Deviation(s): The sample was received at the laboratory 6 days after sampling, therefore, the maximum 5 day sample holding time as specified by the test method was exceeded. The sample was tested at the request of the client.

Mula Project Manage



TOXICITY TEST REPORT Rainbow Trout

EPS 1/RM/13 Page 2 of 2

Work Order: 240736 Sample Number: 61357

TEST DATA

			TEST	DATA			
			pН	Dissolved O ₂	Conductivity	Temperature	O2 Saturation
			977/	(mg/L)	(µmhos/cm)	(°C)	(%)*
Initial Water Ch	nemistry (100%)	:	7.7	9.8	108	14.0	100
After 30 min pr			7.7	9.8	109	14.0	100
		***************************************	0 H	OURS	-2		
Date & Time	2019-11-04	14:30					
Analyst(s):	MDH/ALC						
Concentration	Dead	Impaired	pH	Dissolved O ₂	Conductivity	Temperature	O ₂ Saturation*
100%	0	0	7.7	9.8	109	14.0	100
Control	0	0	8.0	9.7	907	14.0	100
Notes:							
			24 H	OURS			
Date & Time	2019-11-05	14:30	27 11	OURS			
Analyst(s):	MDH	10.1555100V					
Concentration	Dead	Impaired	pН	Dissolved O ₂	Conductivity	Temperature	
100%	0	0	440	_	45	15.0	
Control	0	0	-		_	15.0	
Notes:							
			48 H	OURS			
Date & Time	2019-11-06	14:30					
Analyst(s):	MJT (KP)	14.50					
Concentration	Dead	Impaired	pH	Dissolved O ₂	Conductivity	Temperature	
100%	0	0	-			15.0	
Control	0	0		_	-	15.0	
Notes:						15.0	
			72.11	OUDC			
Date & Time	2010 11 07	14.20	/2 H	OURS			
Analyst(s):	2019-11-07 ALC(FS)	14:30					
Concentration	Dead	Impaired	рН	Dissolved O ₂	Conductivity	Temperature	
100%	0	0	227	20		15.0	
Control	0	0	_	=	-	15.0	
Notes:						13.0	
			06 11	OURS			
Date & Time	2019-11-08	14:30	90 H	OURS			
Analyst(s):	ALC(MDH)	14.30					
Concentration	Dead	Impaired	pН	Dissolved O ₂	Conductivity	Temperature	
100%	0	0	7.8	9.4	110	15.0	
Control	Ö	0	8.1	9.4	843	15.0	
Notes:	76	759	100,510	1600.80	M.J.E.		
	8						
"_" = not measure	ed/not required I does not include	number de d			T 5		
	perature and baron				Test Data Re		FS
adjusted for tell	iperature and baron	netric pressure			Date:	2019	-11-13





REPORT DATE: MONTH - DAY - YEAR

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

REPORT TIME

NT-NU 24-HOUR SPILL REPORT LINE

XORIGINAL SPILL REPORT,

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

A	2019-11-28		1	18:00	O XORIGINAL SPILL REPORT, OR			REPORT NUMBER	
В	3			19:00	ENCE TIME	☐ UPDATE # TO THE ORIGINAL SPIL	L REPORT	-	
С	LAND USE PERMIT NUMBER (IF A	PPLICABLE)	1		WATER LICENCE NUMBER NWB-2AM-WTP	,			
D	GEOGRAPHIC PLACE NAME OR D WHALE TAIL PIT PF		I FROM NAMED LOG	CATION	REGION □ NWT XNUNAVU	JT □ ADJACENT JUF	RISDICTION (OR OCEAN	
Ε		NUTES 01	SECONDS 51		LONGITUDE DEGREES 96	MINUTES 09	SE	conds 21	
F	RESPONSIBLE PARTY OR VESSEI AGNICO EAGLE MII		BAKER LA		ORESS OR OFFICE LOCAT	ION			
G	ANY CONTRACTOR INVOLVED		CONTRACTOR AD	DRESS	OR OFFICE LOCATION				
	PRODUCT SPILLED COOLANT		QUANTITY IN LITE		ES, KILOGRAMS OR CUBIC METRES U.N. NUMBER NA				
Н	SECOND PRODUCT SPILLED (IF A	APPLICABLE)	QUANTITY IN LITE	RES, KILO	OGRAMS OR CUBIC METR	ES U.N. NUMBER			
I	SPILL SOURCE HTR23		SPILL CAUSE EQUIPMEN	IT MA	ALFUNCTION	AREA OF CONTAIN 24 M2	INATION IN	SQUARE METRES	
J	FACTORS AFFECTING SPILL OR F	RECOVERY	DESCRIBE ANY AS	ASSISTANCE REQUIRED HAZARDS TO PERSONS, PROPERTY OR EQUI					
K	radiator, causing a cremoved and will be There were no off si lake is estimated at Spill location: North Contact information	e sent to the tail ite impacts or d 500 meters. ning 65° 24'32.1'	ing pond at ischarge to ' Easting 9	Meadany i	dowbank. receiving watero	courses. Dista			
L	REPORTED TO SPILL LINE BY Martin Archambaul	POSITION Sr Env Coord	_ -	MPLOYE Agnic	co Eagle Mines	MEADOWBAI		ELEPHONE 819-759-3555	
M	ANY ALTERNATE CONTACT Robin Allard	POSITION General Supe		MPLOYE Agnic	co Eagle Mines	ALTERNATE CONTACT MEADOWBA LOCATION		11 NOTE: 1 NOT	
			REPORT LINE	USE ON	ILY				
N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	E	MPLOYE	ER	LOCATION CALLED YELLOWKNIFE, NT		EPORT LINE NUMBER 367) 920-8130	
LEAD	DAGENCY□EC□CCG□GNW	/T □ GN □ ILA □ INAC	□ NEB □ TC	SIGNI	FICANCE MINOR MA			S □ OPEN □ CLOSED	
AGE	NCY COM	NTACT NAME		CONT	ACT TIME	REMARKS			
LEAD) AGENCY								
FIRS	T SUPPORT AGENCY								
SEC	OND SUPPORT AGENCY								
THIR	D SUPPORT AGENCY								



2019-11-27 WTP Haul Truck 23 200 Liters Coolant GN Reference # 2019-490

Please find the following information as a follow up to the spill report submitted November 28th, 2019 by Agnico Eagle. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License NWB-2AM-WTP1826, Part H, Item 8c.

Spill Description

During operations at the Waste Rock Storage Facility, the fan of the haul truck had contact with the radiator, causing a coolant leak.





Location coordinates of the spill: Northing 65°24'32.1" Easting 96°43'37.8"

There were no off site impact or discharge to any receiving watercourses. Distance to the closest water body is estimated at 500 meters to Mammoth Lake.

Cause of Spill

The fan came in contact with the radiator, damaging it and causing a spill.

The equipment was shut down and the contaminated material was removed and sent to the tailing pond at Meadowbank.





Corrective measures

All the mechanic system is inspected as part of the preventive maintenance program done on site. Pre-operation checks also include visual inspection of the equipment.

Closure

We trust that the above details described appropriately the spill incident that occurred at AMQ on November 27th, 2019 and the follow up actions. Please contact the undersigned should you have any questions.

Martin Archambault

Environmental Senior Coordinator

Wet Archarblade

martin. archambault @agnicoeagle.com

T: 819.759.3555 x6744 Agnico Eagle Mines Limited

Meadow bank Division

Baker Lake, Nunavut, Canada

X0C 0A0









REPORT DATE: MONTH - DAY - YEAR

Canadä

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

REPORT TIME

NT-NU 24-HOUR SPILL REPORT LINE

▼ORIGINAL SPILL REPORT,

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	2019-11-28			18:00		XORIGINAL SPILL REI	PORT,	REPORT NUMBER	
В	OCCURRENCE DATE: MONTH		00000000000000000000000000000000000000	NCE TIME	☐ UPDATE # TO THE ORIGINAL SPIL	LL REPORT	-		
С	LAND USE PERMIT NUMBER	(IF APPLICABLE)			ATER LICENCE NUMBER NWB-2AM-WTP	,			
D	GEOGRAPHIC PLACE NAME (ION FROM NAMED LC	CATION	REGION NWT MUNAVU	JT □ ADJACENT JUI	RISDICTION (OR OCEAN	
Ε	LATITUDE DEGREES 65	MINUTES 01	seconds 51		ONGITUDE EGREES 96	MINUTES 09) _{SF}	CONDS 21	
F	RESPONSIBLE PARTY OR VE AGNICO EAGLE	SSEL NAME		ARTY ADDE	RESS OR OFFICE LOCAT				
G	ANY CONTRACTOR INVOLVE	D	CONTRACTOR A	DDRESS O	R OFFICE LOCATION				
	PRODUCT SPILLED HYDRAULIC OIL		QUANTITY IN LIT	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES 120L U.N. NUMBER N/A					
Н	SECOND PRODUCT SPILLED	(IF APPLICABLE)	QUANTITY IN LIT	RES, KILOO	GRAMS OR CUBIC METR	ES U.N. NUMBER			
I	SPILL SOURCE BAC11		SPILL CAUSE DAMAGED) HYDF	RAULIC LINE	AREA OF CONTAIN 9 M2	MINATION IN S	SQUARE METRES	
J	FACTORS AFFECTING SPILL	OR RECOVERY	DESCRIBE ANY A	ASSISTANC	E REQUIRED	HAZARDS TO PEF	RSONS, PROF	PERTY OR EQUIPMENT	
K	The contaminated There were no of water body is 500 Spill Location: No Contact Information	d material was point of site impacts or 0m. Om.	icked up and discharge to	broug any re	tht to the Mead eceiving watero	owbank landfa courses. Dista	arm.		
L	REPORTED TO SPILL LINE BY Martin Archambau			EMPLOYER Aanic	o Eagle Mines	LOCATION CALLING FR	I	ELEPHONE 319 759 3555	
M	ANY ALTERNATE CONTACT Robin Allard	POSITION Env. Gen. S		EMPLOYER Agnic	o Eagle Mines	ALTERNATE CONTACT Meadowbank LOCATION		LTERNATE TELEPHONE 819 860 1414	
		,	REPORT LINE	USE ONL	Y		l .		
N	RECEIVED AT SPILL LINE BY			EMPLOYER	1	LOCATION CALLED		EPORT LINE NUMBER	
	 AGENCY□EC□CCG□	STATION OPERATOR	AC □ NEB □ TC	SIGNIFI	ICANCE MINOR MA	YELLOWKNIFE, NT JOR □ UNKNOWN		S □ OPEN □ CLOSED	
AGEI	NCY	CONTACT NAME		CONTAC	CT TIME	REMARKS			
LEAD) AGENCY								
FIRS	T SUPPORT AGENCY								
SEC	OND SUPPORT AGENCY								
THIR	D SUPPORT AGENCY								
								PAGE 1 OF	



2019-11-27 WTP 120L Hydraulic Oil

GN reference #: 2019-474

Please find the following information as a follow up to the Spill report submitted November 28th, 2019 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-WTP1826, Part H, Item 8c.

Spill Description

During operations at Whale Tail pit, one of the bolts holding a hydraulic line broke, causing hydraulic oil to spill to the ground.





Spill location: N 65 24'08.7" W 096 42'28.1" on IOL

There were no off site impacts or discharge to any receiving watercourses. Distance to the closest water body is estimated at 500 meters.

Cause of Spill

The spill was due to the mechanical failure of the bolts holding hydraulic line.

The equipment was shut down and maintenance was called to fix the line. The contaminated material was picked up and brought to the Meadowbank landfarm.





Corrective measures

A routine visual inspection of all systems and hoses is performed during pre-operations checks as a part of the preventive maintenance program.

Closure

We trust that the above details described appropriately the spill incident that occurred at the Whale Tail site on November 27th, 2019 and the cleanup activities. Please contact the undersigned should you have any questions.

Martin Archambault

Environmental Senior Coordinator

Wet Archarbead

martin.archambault@agnicoeagle.com T: 819.759.3555 x6744

Agnico Eagle Mines Limited Meadowbank Division

Baker Lake, Nunavut, Canada

X0C 0A0

agnicoeagle.com











Canadä NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

٨	A					PORT TIME OCCUPANT OF THE INTERPORT OF							
Α	2019-12-15			16:0			OR					REPO	RT NUMBER
В	OCCURRENCE DATE: MONTH 2019-12-14	– DAY	′-YEAR		occurr 22:30		ETIME		UPDATE TO THE OR		PILL REPORT		
С	LAND USE PERMIT NUMBER (IF API	PLICABLE)				ER LICENCE I		ER (IF APPLICABLE) P-1826				
D	GEOGRAPHIC PLACE NAME OF WHALE TAIL PIT			N FROM NAMED L	OCATION		REGION	NUNAVU	VUT ☐ ADJACENT JURISDICTION OR OCEAN				
_	LATITUDE					LON	GITUDE						
Е	DEGREES 65	MINU	JTES 01	SECONDS 51	1	DEG	REES 96		MINU	TES 0	9 s	ECONDS	21
F	RESPONSIBLE PARTY OR VES			BAKER I				E LOCATION NO STATEMENT NO STAT	ON				
G	ANY CONTRACTOR INVOLVED CONTRACTOR ADDRES						OFFICE LOCAT	TION					
	PRODUCT SPILLED Hydraulic Oil QUANTITY IN LITRES, K 125L						AMS OR CUBI	IC METRE	S U.N. N	JMBER			
Н	SECOND PRODUCT SPILLED	(IF AP	PLICABLE)	QUANTITY IN LI	ITRES, KILO	OGRA	AMS OR CUBI	IC METRE	S U.N. N	JMBER			
Ι	SPILL SOURCE Hydraulic Oil Tank SPILL CAUSE Contact with					ock	(AREA OF CONTAMINATION IN SQUARE METRES 4m2			
J	FACTORS AFFECTING SPILL C	OR RE	COVERY	DESCRIBE ANY	/ ASSISTAN	NCE F	REQUIRED		HAZARDS TO PERSONS, PROPERTY OR EQUIPMENT				R EQUIPMENT
-	ADDITIONAL INFORMATION, C	OMM	ENTS. ACTIONS PROPO	 DSED OR TAKEN T	O CONTAII	N. RE	COVER OR D	ISPOSE (DF SPILLED	PRODUC	T AND CONT	AMINATED	MATERIALS
K	made contact with maintenance. On Meadowbank land There were no off lake is 500m. Spill Location: No Contact Informati	ce the difference of the diffe	the drill was m m. Approximate e impacts or d ing: 65' 24' 11	noved, the ately 2m3 of the lischarge to 1.6" Easting	contar of cont o any l g: 96' 4	min tam rec 42' :	ated maninated reiving was	iterial materi vaterc	was co al was	collec	ed and b cted.	rough	t to
	REPORTED TO SPILL LINE BY		POSITION		EMPLOYE				LOCATION	CALLING	FROM	TELEPHON	NE
L	Tom Thomson		Env. Coordin	ator			Eagle Mi		Meado			819-7	59-3555
M	Robin Allard		POSITION Env. Gen Sup	ervisor	Agnic		Eagle Mi		Meado Location				60-1414
				REPORT LIN	IE USE ON	NLY							
Ν	RECEIVED AT SPILL LINE BY		POSITION		EMPLOYE	ER			LOCATION	CALLED		REPORT L	INE NUMBER
1 4			STATION OPERATOR						YELLOWKN	IFE, NT		(867) 920-8	3130
LEAD	AGENCY DEC DCCG DG	TWN	□ GN □ ILA □ INAC	□ NEB □ TC	SIGNI	IFICA	NCE MINC	DR □ MA	JOR 🗆 UNK	NOWN	FILE STAT	US 🗆 OPE	EN □ CLOSED
AGEI	NCY	CONT	ACT NAME		CONT	TACT	TIME		REMAR	KS			
LEAD	AGENCY												
FIRS	T SUPPORT AGENCY												
SEC	OND SUPPORT AGENCY												
THIRD SUPPORT AGENCY													



2019-12-14 WTP 125L Hydraulic Oil

GN reference #: 2019-483

Please find the following information as a follow up to the Spill report submitted December 14, 2019 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-WTP1826, Part H, Item 8c.

Spill Description

During operations at Whale Tail pit, an operator was moving drill RBD01 to the next pattern and made contact with a spill rock from a haul truck causing oil to spill from the tank.



Spill location: N 65 24'11.6" W 096' 42'39.2" on IOL

There were no off site impacts or discharge to any receiving watercourses. Distance to the close st water body is estimated at 500 meters to Whale Tail North.

Cause of Spill

The spill occurred when drill RBD01 made contact with a rock, damaging the hydraulic oil tank.

The equipment was shut down and maintenance was called. Once the repairs were made and the drill was moved, the contaminated material was picked up and brought to the Meadowbank landfarm. Approximately 2m3 of contaminated material was collected.



Corrective measures

A reminder to all operators to call grader/loader to remove any spill rocks on haul roads.

<u>Closure</u>

We trust that the above details described appropriately the spill incident that occurred at the Whale Tail site on December 14, 2019 and the cleanup activities. Please contact the undersigned should you have any questions.

Tom Thomson

Environmental Coordinator

tom.thomson@agnicoeagle.com T: 819.759.3555 x 4606744 Agnico Eagle Mines Limited Meadow bank Division Baker Lake, Nunavut, Canada XOC 0A0











NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

Α	REPORT DATE: MONTH – DAY – Y 2019-12-19	/EAR		12:00			XORIGINAL SPILL	REPORT,	REPORT NUMBER
	OCCURRENCE DATE: MONTH - D	DAY – YEAR			ENCE TIME		OR □ UPDATE #		THE OTT NOWBER
В	2019-12-19			02:00			TO THE ORIGINAL S	SPILL REPORT	-
С	LAND USE PERMIT NUMBER (IF A	APPLICABLE)			WATER LICENCE NWB-2A		(IF APPLICABLE) -1826		
_	GEOGRAPHIC PLACE NAME OR		N FROM NAMED L	OCATION	REGION				
D	WHALE TAIL PIT P	ROJECT			□NWT	X NUNAVU	T ADJACENT	JURISDICTION	OR OCEAN
Ε	LATITUDE DEGREES 65 M	IINLITES 01	seconds 51	1	LONGITUDE DEGREES 9	16		09 se	conds 21
_	RESPONSIBLE PARTY OR VESSE		SECONDS 51					JJ SE	CONDS 21
F	AGNICO EAGLES		BAKER I						
G	ANY CONTRACTOR INVOLVED		CONTRACTOR	ADDRESS	OR OFFICE LO	CATION			
	PRODUCT SPILLED QUANTITY IN LITRES, HYDRAULIC OIL 150 LITERS				OGRAMS OR C	UBIC METRE	U.N. NUMBER		
Н	SECOND PRODUCT SPILLED (IF APPLICABLE) QUANTITY IN LITRES, KILC					UBIC METRE	U.N. NUMBER		
	SPILL SOURCE BAC13	II IC H	OSE FAIL	URF	AREA OF CON	TAMINATION IN	SQUARE METRES		
	FACTORS AFFECTING SPILL OR	RECOVERY	DESCRIBE ANY				HAZARDS TO F	PERSONS, PROF	PERTY OR EQUIPMENT
J									
	ADDITIONAL INFORMATION, COM	MMENTS, ACTIONS PROP	OSED OR TAKEN T	O CONTAI	N, RECOVER O	R DISPOSE	OF SPILLED PRODU	CT AND CONTA	MINATED MATERIALS
K	Operator shut off the repaired, the equipment of the equi	ment was move arm. Approxim site impacts or c oximately 600m thing: 65' 24'21.	ed and the cately 4m3 control of the cately 4m3 control of the catelog and the	contant of contant o any Fail No g: 96'	ninated m taminated receiving orth. 42'05.4"	naterial d mater	was collecto ial was colle	ed and brocket	ought to the
ı	REPORTED TO SPILL LINE BY	POSITION	_	EMPLOYI			LOCATION CALLING		ELEPHONE
_	Tom Thomson	Env. Coordin	ator		co Eagle	Mines	Meadowba		819-759-3555
M	Robin Allard	Env. Gen. Su	pervisor	Agni	co Eagle l	Mines	Meadowba LOCATION		R19-860-1414
			REPORT LIN						
N	RECEIVED AT SPILL LINE BY	POSITION		EMPLOYI	ΕR		LOCATION CALLED		EPORT LINE NUMBER
		STATION OPERATOR					YELLOWKNIFE, NT	3)	367) 920-8130
LEAD	AGENCY DEC DCCG DGNV	WT GN ILA INAC	C □ NEB □ TC	SIGN	IFICANCE MI	INOR 🗆 MA	JOR UNKNOWN	FILE STATU	IS □ OPEN □ CLOSED
AGE	NCY CC	ONTACT NAME		CON	FACT TIME		REMARKS		
LEAD	O AGENCY								
FIRS	T SUPPORT AGENCY								
SEC	OND SUPPORT AGENCY								
THIR	D SUPPORT AGENCY								



2019-12-19 WTP 150L Hydraulic Oil

GN reference #: 2019-488

Please find the following information as a follow up to the Spill report submitted December 19, 2019 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-WTP1826, Part H, Item 8c.

Spill Description

During operations at Whale Tail pit, the hydraulic hose for the clam of the bucket on BAC13 failed, causing hydraulic oil to spill on the ground.



Spill location: N 65 24'21.1" W 096' 42'05.4" on IOL

There were no off site impacts or discharge to any receiving watercourses. Distance to the closest water body is estimated at 600 meters to Whale Tail North.

Cause of Spill

The spill occurred due to a hydraulic hose failure on the clam.

The equipment was shut down and maintenance was called. Once the repairs were made, BAC13 was moved, the contaminated material was picked up and brought to the Meadowbank landfarm. Approximately 4m3 of contaminated material was collected.



Corrective measures

A routine visual inspection of all systems and hoses is performed during pre-operational checks as a part of the preventative maintenance program.

Closure

We trust that the above details described appropriately the spill incident that occurred at the Whale Tail site on December 19, 2019 and the cleanup activities. Please contact the undersigned should you have any questions.

Tom Thomson

Environmental Coordinator tom.thomson@agnicoeagle.com T: 819.759.3555 x 4606744 Agnico Eagle Mines Limited Meadow bank Division Baker Lake, Nunavut, Canada XOC 0A0









REPORT DATE: MONTH - DAY - YEAR

2019-12-28

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

REPORT TIME

17:30

NT-NU 24-HOUR SPILL REPORT LINE

XORIGINAL SPILL REPORT,

OR

TEL: (867) 920-8130 FAX: (867) 873-6924 EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

REPORT NUMBER

В	2019-12-28	H – DAY – YEAR		40	TO THE ORIGINAL SPILL REPORT					
С	LAND USE PERMIT NUMBER	(IF APPLICABLE)		WATER LICENCE NUMBE NWB-2AM-WTI	,					
D	GEOGRAPHIC PLACE NAME WHALE TAIL PIT		ON FROM NAMED LOCA	TION REGION NWT XNUNAV	/UT □ ADJACENT JURISE	DICTION OR OCEAN				
Ε	DEGREES 65	MINUTES 01	SECONDS 51	LONGITUDE DEGREES 96	MINUTES 09	seconds 21				
F	RESPONSIBLE PARTY OR VE		1	TY ADDRESS OR OFFICE LOCA' KE XOX OAO	TION					
G	ANY CONTRACTOR INVOLVE	D	CONTRACTOR ADD	RESS OR OFFICE LOCATION						
Н	PRODUCT SPILLED HYDRAULIC OIL		QUANTITY IN LITRE 200 LITERS	S, KILOGRAMS OR CUBIC METE	RES U.N. NUMBER					
П	SECOND PRODUCT SPILLED	(IF APPLICABLE)	QUANTITY IN LITRE	ES, KILOGRAMS OR CUBIC METRES U.N. NUMBER						
I	SPILL SOURCE HTR04		SPILL CAUSE HYDRAULIO	SYSTEM FAILUR		ITION IN SQUARE METRES				
J	FACTORS AFFECTING SPILL	OR RECOVERY	DESCRIBE ANY ASS	SISTANCE REQUIRED	HAZARDS TO PERSON	NS, PROPERTY OR EQUIPMENT				
K	There were no of lake is estimated Spill location: No Contact informat	f site impacts or at 500 meters. orthing 65° 24'40.4 ion: Samuel Tapp	discharge to a 4" Easting 96 5 819 759 3555	PLOYER	courses. Distance	TELEPHONE				
_	Samuel Tapp ANY ALTERNATE CONTACT	Environment	· ·	gnico Eagle Mines	MEADOWBANK ALTERNATE CONTACT					
M	Robin Allard	General Sup		gnico Eagle Mines	MEADOWBANK	TALTERNATE TELEPHONE T				
		1	REPORT LINE US	SE ONLY		867-793-4610				
Ν	RECEIVED AT SPILL LINE BY	POSITION			T	867-793-4610				
	1		EMI	PLOYER	LOCATION CALLED	REPORT LINE NUMBER				
	DAGENCY DEC CCG D	STATION OPERATOR		PLOYER SIGNIFICANCE MINOR M	YELLOWKNIFE, NT	867-793-4610				
AGE	DAGENCY DEC DCCG D	STATION OPERATOR			YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130				
		STATION OPERATOR		SIGNIFICANCE □ MINOR □ M	YELLOWKNIFE, NT AJOR UNKNOWN FIL	REPORT LINE NUMBER (867) 920-8130				
LEA	NCY	STATION OPERATOR		SIGNIFICANCE □ MINOR □ M	YELLOWKNIFE, NT AJOR UNKNOWN FIL	REPORT LINE NUMBER (867) 920-8130				
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2019-12-28 WTP 200 L Hydraulic Oil

GN reference #: 2019-493

Please find the following information as a follow up to the Spill report submitted December 28, 2019 by Agnico Eagle Meadowbank division. This detailed report is submitted to the Inspector in compliance with the conditions under the Nunavut Water Board License 2AM-WTP1826, Part H, Item 8c.

Spill Description

During operations at the Waste Rock Storage Facility, the hydraulic system the haul truck failed. The equipment was immediately shutdown to prevent further spillage.



Spill location: 65° 24'40.4" 96° 43' 44.3" on IOL

There were no off site impacts or discharge to any receiving watercourses. Distance to the closest water body is estimated at 500 meters to Mammoth Lake.

Cause of Spill

The spill occurred due to a failure on the main hydraulic lines of the truck caused by cold temperatures.

The equipment was shut down and maintenance was called. Once the repairs were made, BAC13 was moved, the contaminated material was picked up and brought to the Meadowbank landfarm. Approximately 4m3 of contaminated material was collected.



Corrective measures

A routine visual inspection of all systems and hoses is performed during pre-operational checks as a part of the preventative maintenance program.

Closure

We trust that the above details described appropriately the spill incident that occurred at the Whale Tail site on December 28, 2019 and the cleanup activities. Please contact the undersigned should you have any questions.

Robin Allard | General Supervisor Environment

robin.allard@agnicoeagle.com | Direct 819.759.3555 x4606838 | Mobile 819.860.1414

Agnico Eagle Mines Limited - Meadowbank Division

AGNICO EAGLE