



Meliadine Gold Project

Agnico Eagle's response to 2017 Board's Recommendations

January 25, 2018

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Dust management – Project Certificate Condition #3

Condition #3 of the Project Certificate requires the Proponent to update and implement a dust management and monitoring plan along the All-Weather Access Road (AWAR) and associated roads and trails. The Condition specifies that the dust management plan include commitments to the use of dust suppressants, details of the frequency and timing of application, and specific adaptive management measures to be considered should dust deposition be greater than predicted.

It is noted that Agnico Eagle has developed and begun implementing an air quality monitoring program, and in summer 2017 began applying dust suppressants (water and calcium chloride) along the AWAR and temporary access route from Itivia at the edge of the Hamlet of Rankin Inlet. However, the Monitoring Officer heard concerns from the public over dust produced by vehicles along the AWAR, and the NIRB staff observed large dust clouds along the AWAR and at the mine site during the August 2017.

Recommendation 1: The Board requests that Agnico Eagle provide a submission to the NIRB that describes its assessment of the effectiveness of dust suppression efforts to date and demonstrates its consideration for the use of alternative dust suppressants (e.g., Dust Stop®, EnviroKleen®) and more frequent application. Limitations on the effectiveness of current dust suppression employed for the Project as well as the feasibility of alternative dust suppression compounds should be clearly highlighted. This information should be provided within 30 days' receipt of receiving the Board's recommendations.

Agnico Eagle's response:

Over the course of 2 weeks, starting July 30th, 2017, Agnico Eagle applied dust suppressant (calcium chloride) on the entire length of AWAR between Rankin Inlet and Meliadine project. Visual assessment indicated good performance of the dust suppressant, as illustrated in the Figure 1. The results of the dustfall monitoring are being analyzed at this time and will be included in the annual report.

Based on periodic visual assessments, this application performed well for the remainder of the summer season; it was estimated that two applications would likely be required over an entire summer season, to maintain good dust suppression.



Figure 1: Assessment of the effectiveness of dust suppression. Top left – untreated road and fugitive dust, bottom left, bottom right – application of the dust suppressant, top right – after the application of the dust suppressant.

Agnico also gained approval from the Hamlet and the airport to apply calcium chloride on the roads in Rankin Inlet during the barge season.

Agnico purchased an alternative dust suppressant (Dust Stop®) for a test trial on a 2 km long section of the road in 2018 (the rest of the road will be treated with calcium chloride). This trial will be initiated just after freshet 2018 to evaluate the performance of this alternative, compare it with calcium chloride and determine if more of this product will need to be ordered for 2019.

Road access management – Project Certificate Conditions #48, #125, and #126

Condition #48 requires Agnico Eagle to consult with the Government of Nunavut, the Kivalliq Inuit Association, the Kivalliq Wildlife Board, and local Hunters and Trappers Organizations to develop a Road Access Management Agreement specifying monitoring and mitigation measures relating to the improved access for caribou harvesting provided by the AWAR. Such monitoring and mitigation measures shall include closing the road when large aggregations of caribou are within 1 km, and having road monitors patrol the road to ensure compliance with hunting rules.

Condition #125 requires Agnico Eagle to implement a road access management plan and to ensure rules for use of the road are clearly communicated to the public. Condition #126 requires Agnico Eagle to include a detailed consultation plan in its Roads Management Plan. The consultation plan shall specify the methods Agnico Eagle will use to provide the Kivalliq Inuit Association, the Hunters and Trappers Organizations, residents of Rankin Inlet, and the Hamlet of Rankin Inlet with rules of the road.

The NIRB acknowledges Agnico Eagle's 2017 Roads Management Plan and understands that Agnico Eagle has conducted consultation with various parties while developing this plan. The NIRB also acknowledges Agnico Eagle is currently managing the AWAR as a controlled access road, has installed signage displaying safety and access rules along both the AWAR and the temporary route from Itivia through Rankin Inlet, and is maintaining traffic logs at two (2) manned gates along the AWAR. The NIRB is also aware of Agnico Eagle's plans to construct ATV/snowmobile trails and crossings, including the recently communicated plan to construct a trail that would bypass the mine site to ensure public safety and access in traditionally used areas.

Agnico Eagle has indicated to the NIRB that an updated Roads Management Plan, a Road Access Management Agreement, and a detailed consultation plan will be provided in 2024 when Phase 2 of the AWAR and the spur road to the Discovery deposit are developed. The NIRB notes this timeline for development of Phase 2 of the AWAR and spur road is later than originally indicated, and the NIRB is concerned that the public is currently accessing and crossings sections of the AWAR on ATV and snowmobile without these finalized plans in place, putting both the safety of users and the protection of caribou at risk. As some of the Proponent's road access management activities have been modified in scope or timing or are in addition to those indicated in the Proponent's last draft of its Roads Management Plan, the NIRB would like to emphasize the importance of clear and frequent communication with both the Board as well as the public and other parties. Traffic monitoring data, and details of consultation and outreach demonstrating progress towards full compliance with Conditions #48, #125, and #126 have not been provided to the NIRB and the Board is concerned about the lack of transparency and progress reporting.

Recommendation 2: The Board requests that Agnico Eagle provide the NIRB with a log of authorized and unauthorized users along the All-Weather Access Road, and a comparison of observed versus predicted traffic volumes. This information should be provided in all of Agnico Eagle's future annual reports, and should be provided for the past monitoring period within 30 days' receipt of receiving the Board's recommendations.

Agnico Eagle's response:

Traffic log on the AWAR for the period, covering June to December 2017, was obtained from Sarliaq (who manages the AWAR gatehouse and data collection). The log contains partial information on public ATV traffic on AWAR; it can be safely assumed that all other traffic (non-ATV) on AWAR is mine-related. Obtained log is provided as-is in Appendix A.

The summary of actual vs predicted traffic volumes is provided in the following Table 2:

Table 2: Estimated versus Predicted Traffic on the All-weather Access Road

Month	Actual traffic	Predicted traffic ^(a)
June	1621	1528
July	3313	1572
August	3826	1580
September	3293	1524
October	2905	845
November	2232	822
December	907	839

^(a) Including the predicted public ATV traffic

Meliadine Mine is being constructed at this time that includes large movement of material, fuel and personnel.

Traffic logs and the comparison between the actual and predicted traffic volumes for an entire year (2017) will be provided with the annual report.

Recommendation 3: The Board requests that Agnico Eagle provide an updated Roads Management Plan with its 2017 Annual Report. The Roads Management Plan should include updates to timelines, rules of the road, methods Agnico Eagle is currently taking to manage access, details of all ATV/snowmobile trails and crossings, methods for keeping the public informed, and consultation plans regarding access management.

Agnico Eagle's response:

An updated Roads Management Plan will be provided by Agnico with the 2017 Annual Report, as requested.

Hunter Harvest Survey – Project Certificate Conditions #46 and #105

Conditions #46 requires the Proponent to work with the Rankin Inlet Hunters and Trappers Organization and the Government of Nunavut to gather baseline and monitoring data related to harvesting in order to understand the impacts of the AWAR on caribou harvest, specifically through the implementation of a hunter harvest survey. Condition 105 encourages consultation with local outfitting and guiding businesses as well. The baseline data and hunter harvest survey are to be associated with a road management plan, and all are required to be in place prior to development of Phase 2 of the AWAR which would include constructing the spur road to the Discovery deposit. In the summer of 2017, Agnico Eagle indicated to the NIRB that the hunter harvest survey would be modeled after the one in place at the Meadowbank Gold Mine, which was being refined due to decreasing participation. Agnico Eagle noted it hopes to begin implementing the survey at Meliadine in 2018. The NIRB appreciates the efforts of Agnico Eagle to address issues in the survey, and acknowledges that Agnico Eagle plans to develop Phase 2 of the AWAR and the spur road to the Discovery deposit in 2024. However, the NIRB is concerned that with the hunter harvest survey not being completed at present, a gap in available baseline knowledge is developing that needs to be addressed.

Recommendation 4: The Board requests that Agnico Eagle provide the NIRB with a plan for meeting the objectives of Conditions #46 and #105. The plan should include a clear indication of timelines, next steps in development of the Hunter Harvest Survey, discussion of limitations of the survey originally carried out at Meadowbank and proposed solutions, measures for success, and contingency planning with a discussion of feasibility of alternative studies to ensure timely implementation. Submission of this plan should be within 30 days' receipt of the Board's recommendations.

Agnico Eagle's response:

Agnico Eagle is committed to meet the objectives of Conditions #46 and #105 at Meliadine.

To ensure the alignment of Agnico's Nunavut strategy and the consistency of approach across all mining operations, it was decided that Meliadine will follow the lead of Meadowbank in the implementation of the hunter harvest survey (HHS), where it was undertaken for a number of years.

The main limitation of the survey, originally carried out at Meadowbank, was declining public participation. To address it, Agnico's intention is to have a community-lead study with company's support and assistance.

Agnico proposed to create a HHS committee, comprised of elders, KIA, GN, Agnico, Baker Lake HTO representatives; this proposal was met with approval by the stakeholders. The information sessions and the kick-off meeting of the committee took place in 2017 to prepare for HHS implementation in 2018.

Following objectives were set for 2018 HHS:

- Facilitate greater involvement, foster better partnership with the local community, including the HTO;
- Involve the GN Wildlife Officer or a suitable GN representative in the study;
- Increase Agnico Eagle's community affairs involvement in the study development and implementation; and,
- Maintain consistency and compatibility with the previous HHS.

The emphasis of new HHS is to support the community-based efforts to direct research and monitoring based on priorities and information needs, to incorporate local observations and community knowledge, including the information from non-traditional use, such as outfitting and guiding.

In order to insure an impartial data collection, exchange, preservation, analysis and interpretation, it was suggested to delegate the lead role to a third-party consultant, chosen through the competitive bid process; the request for the proposal has been sent, and the consultant will be selected shortly to develop a new HHS in time for the fall 2018 caribou migration.

Consultation Log with Compliance Table

The Proponent is in the Construction phase with plans to begin operations in late 2019, and it is recognized that some mitigation, management and monitoring plans are just beginning to be implemented, and others have yet to be refined. To do so, many of the terms and conditions within the Project Certificate require or encourage the Proponent to consult with or collaborate with parties including the Government of Nunavut, the Kivalliq Inuit Association, the Rankin Inlet Hunters and Trappers Organization, Elders, and other community members. Some key areas where consultation and collaboration are encouraged or required as per the Project Certificate include training and education programs, employee counselling programs, health, wellness, and demographic monitoring, climate change studies, the hunter harvest survey and road access management, and marine cumulative effects monitoring and mitigation. It is expected that consultation and collaboration with parties is well underway, and it is acknowledged that in Agnico Eagle's 2016 Annual Report a general log of consultation activities in that year was provided, however details are limited, making it difficult to assess progress towards meeting specific terms and conditions.

In 2015, the Board requested that Agnico Eagle provide regular progress updates in the form of a table to facilitate tracking of terms and conditions within the Project Certificate. In 2016, the Board requested more frequent updates, and Agnico Eagle has committed to providing its condition table twice-yearly. These updates have been received but are incomplete and lack detail.

Recommendation 5: The Board requests that Agnico Eagle include in their twice-yearly compliance updates to the NIRB ("Condition Tables"), a detailed summary of the consultation conducted with the Rankin Inlet Hunters and Trappers Organization, the Kivalliq Inuit Association, the Government of Nunavut, and other stakeholders to ensure progress compliance with the Project Certificate. Additionally, the Board requests that, where possible, Agnico Eagle add status updates and general timelines to the table for Conditions that are in progress.

Agnico Eagle's response:

A detailed summary of the consultations with stakeholders will be included in the 2017 Annual Report.

Employment records – Project Certificate Conditions #93 and #101

Condition #93 encourages the Proponent register all trades, journeypersons and apprentices working with Project including those from other jurisdictions and the share this information with the GN. Condition #101 requires the Proponent to include with its annual report a summary of employee origin including number of Inuit and non-Inuit employees and which communities and

regions they are from. This information was not included in the Proponent's 2016 Annual Report.

Recommendation 6: The Board requests that Agnico Eagle provide the NIRB with a summary of employee origin information as per Conditions 93 and 101 in all future Annual Reports, and for the past monitoring period within 30 days' receipt of receiving the Board's recommendations.

Agnico Eagle's response:

In respect to the condition #93: at the moment, there are no registered apprentices at Meliadine. In respect to the condition #101, the summaries of the employee origin are presented in the following tables 3 and 4 below:

Table 3: Origin of Agnico's Inuit employees by community

Community	Inuit	Inuit
	Meadowbank	Meliadine
Arviat	68	2
Baker Lake	157	1
Chesterfield Inlet	11	1
Coral Harbour	8	3
Rankin Inlet	32	14
Repulse Bay (Naujaat)	9	0
Whale Cove	11	0
Other	20	2
Total	316	23

Table 4: Origin of Agnico's non-Inuit employees by province/ territory

Canadian Province/ Territory	non-Inuit	non-Inuit
	Meadowbank	Meliadine
Alberta (AB)	4	6
British-Columbia (BC)	4	3
Manitoba (MB)	4	0
New Brunswick (NB)	4	1
Newfoundland and Labrador (NF)	3	2
Nova Scotia (NS)	3	3
Northwest Territories (NT)	2	1
Nunavut (NU)	3	1
Ontario (ON)	114	15
Prince Edward Island (PE)	1	0
Quebec (QC)	393	158
Saskatchewan (SK)	0	2
Yukon (YT)	0	0
Total Canada	535	192

At present, no foreigners are employed at Meliadine.

Secondary containment

As per the *Environmental Code of Practice for Aboveground Storage Tank Systems Containing Petroleum and Allied Petroleum Products*,¹ aboveground fuel storage tanks with capacities of greater than 50,000 L must be placed entirely within a dyked area, with an *impermeable barrier* in the floor of the containment area and in the dyke walls. During the NIRB's 2017 Site Visit (Appendix I), it was observed that the fuel tanks at the temporary fuel farm (which have capacities ranging from 53,000 L to 110,000 L) did not have the required secondary containment. Moreover, it is noted that there was a considerable spill at this location in April 2017.

Recommendation 7: The Board would like to remind Agnico Eagle of the requirements for secondary containment and requests that Agnico Eagle provide a plan with timelines for implementing secondary containment at the temporary fuel farm as soon as possible and until such time as this fuel farm is no longer being used. This information should be provided to the Board within 30 days' receipt of receiving the Board's recommendations.

Agnico Eagle's response:

The temporary fuel farm for the exploration camp will be decommissioned in summer 2018. The fuel tanks will be removed in 2018 and a remediation of this area will commence. The completion of the remediation is scheduled for September 2019. The secondary containment will not be implemented to expedite the decommissioning and the remediation of the area.

Appendix A – Logs of the AWAR users

[illegible]

Monthly Total	828
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Notes
2PK FR. KM27
4PK FR. KM15
2PK and 1 Vam FR. KM15
2PK Fr.KM15
4PK FR. KM15
2Fuel 2PK Fr. KM 15 KM 27
3PK 1 Tractor Trailer FR KM 15
1PK From KM 15

Road Log Daily Numbers South Bound

Date	Pax Truck	Bus	Fuel Truck	Road Maint Equip	Heno	Ambulance	Van	Dump Truck Trailer	Tractor-Trailer	Loader	Rock Truck	Sewage Truck	Service Truck	Notes
6/1/2017	25	2	2		1	1	1							
6/2/2017	19	2	2		3			1						
6/3/2017	16		2											
6/4/2017	15		2					1	1					
6/5/2017	32	4	3		1				1	1				
6/6/2017	22		2				1	1	1	1	1			
6/7/2017	19	1	2						2					
6/8/2017	25	4	2		2		1							
6/9/2017	16	2	1		2	1			1					
6/10/2017	19		2		2							1		
6/11/2017	18		2					1						
6/12/2017	18	4	2	1										
6/13/2017	15		1		1				2					
6/14/2017	13	1	1						1					
6/15/2017	24	4	1	1	3		1		1					
6/16/2017	23	4	3		4		1		7	3				5 Tractor Trailer FR. KM15
6/17/2017	19		1						3			1		
6/18/2017	14		1					1	3					1PK FR,KM27
6/19/2017	26	4	2		3		1		3					1 Fuel,1 Loader, 1PK Fr.KM15 KM 27
6/20/2017	16		2				3		3	1				2 4PK From Km27
6/21/2017	14		3					1	5					
6/22/2017	21	4	4		2		1							1PK 1Fuel FR KM 27
6/23/2017	23	2	4		1		1	1	3					5PK FR.KM27
6/24/2017	17		3		1			1	3					2pk1Fuel 1Grader FR KM 15
6/25/2017	19		4						6	1	1		2	
6/26/2017	22	4	3		1				1					
6/27/2017	9		4		1		1		1					
6/28/2017	25	1	2		1				3					
6/29/2017	23	4	5		1									
6/30/2017														

Total **567 47 68 30 2 12 8 51 6 2**

Monthly Tot: 793

Road Log Daily Numbers North Bound

Date	Pax Truck	Bus	Fuel Truck	Road Main	Heno	Van	Ambulan	Crane	Dump Tr	Tractor Tr	Lube Tr	Flat Bed	Water Tr	Haul Tr	Service Tr	Notes
7/1/2017	20		2						27	3		1				27 dump truck to KM15, 2 pax truck km 27, 1 pax truck to km8,
7/2/2017	17		2						43	12						39 dump truck to km15,1pax truck to km8, 1 pax truck to km15
7/3/2017	20	5	2		2					11						1 pax from km8, 1 to km8, 1 pax to km 19 1 pax to km15,
7/4/2017	16		2	2					10	10						10 Dump truck to km15,1 grader to char river, 1 loader to km15, 1 tractor trailer to km15, 1 pax truck to km15
7/5/2017	22	1	3					1	28	28						1px truck from km27, one from km8,13 semi truck to km15
7/6/2017	16	4	2		2			1	32	28						1 pax truck to char river,
7/7/2017	8								1	4						
7/8/2017																
7/9/2017	2															to km8
7/10/2017	13	4	2		1					21						
7/11/2017	21		2	1	1				18	24		1				px truck apachie pass to mel, and one from km27, grader from km15
7/12/2017	19	1	4						21	19						Road closure
7/13/2017	31	4	4	1	1			1	26	12				2		1 1 px from km13 and one from km23
7/14/2017	26	2	2	1	2	1		1	1	24	12	1		1	1	1px to km27
7/15/2017	6			1											1	
7/16/2017	8					1		4		3						
7/17/2017	30	4	4		1	2			18	12	1					1 px from km11, 1 px from km20, 2 px from km28
7/18/2017	24		5	1		1			15	30						3px from char, 3 dump truck from char 1 grader from km25 semi truck ,2 tractor trailer from char, 1 px with trailer
7/19/2017	56	4	8	7	2	3	1		28	64			2			1 boom truck, 3 zoom boom, various north bound px truck from various locations, including dump truck and tractor trailer.
7/20/2017	32	6	4	1	3		1		11	36			1			
7/21/2017																
7/22/2017	29		3		1				14	27			1			
7/23/2017	31		3	6		1			3	25			5			
7/24/2017	27	4	3	3	1	1		1	1	25			4	2		
7/25/2017	32		2	3		1				20			1			
7/26/2017	3			2						2						
7/27/2017	18	4	2	1	2	1				17						
7/28/2017	25	4	3	1	1	2			1	20						
7/29/2017	15		4		1					15					1	
7/30/2017	16		3	1					2	19			1	1		
7/31/2017	25	4	4	1	1				1	17			1			
Total	608	51	75	33	22	14		1	9	324	516	2	1	18	8	1

Monthly Tot: 1683

Road Log Daily Numbers South Bound

Date	Pax Truck	Bus	Fuel Truck	Road Main	Heno	ATV	Van	Ambulance	Dump Truck	Flat Bed	Tractor Trailer	Lube Truck	Haul Truck	Water Truck	Notes
7/1/2017	17		2						32	1		3			32 dump trucks from km 15 to Rankin, 1 pax truck from KM8 ,2 pax truck to km27 from meliadine
7/2/2017	19		2	1					41			12			3 pax truck to km15, 2 pax truck to km8, 40 dump trucks from KM15
7/3/2017	15	1	2									10			1 pax truck to km8,1 pax truck to km15
7/4/2017	16		2						10			7			10 south bound dump truck. 2 pax truck from km15
7/5/2017	24	1	4	2					32			29			32, dump truck from km15, 1 pax truck to km12,km15 one px from 15 and 12
7/6/2017	18	4	2			2			35			29			
7/7/2017	11			1				1	1			2			
7/8/2017															
7/9/2017	2														km8 to ri, and mel to apachi pass
7/10/2017	12			1								21			grader up to km 19
7/11/2017	19		3	1	1				19			21			1 grader up to km15
7/12/2017	25	1	4						19			19			1 1 pax to km19 and one to km 22
7/13/2017	25	4	6	1	1			1	23			10			1 grater, 1px to km27, 1px to km20
7/14/2017	30	2	2	2	2		1	1	25				1	12	1 1 px ro km27
7/15/2017	4														
7/16/2017	6		2					1				3			
7/17/2017	28	4	4	1	1			2	20			11	1		1 1 dump truck from km 27,1 px to km20 l px to km28 1 px to km11
7/18/2017	21		5	1				1	19			30			1 1 grader to km25, 1 px to km11
7/19/2017	53	5	9	3	2			1	1	26		57			2 3 grader, various px truck going south from various locations, including px truck with trailer.
7/20/2017	26	3	4	1	1				1	13		27			4
7/21/2017															
7/22/2017	32		4	3	1	2		1	15			30			2
7/23/2017	27		3	4				1	4			21			5
7/24/2017	25	4	3	2	1			1				26		1	3
7/25/2017	24		2	6				2				20			1
7/26/2017	3											1			
7/27/2017	19	3	2	2	3				1			17			
7/28/2017	23	4	4	1	1	3		1				20			1
7/29/2017	17		3						1			16			
7/30/2017	17		3						1			18			
7/31/2017	24	4	3	1	1							20			1
Total	582	40	80	34	17	6	14		337	1		480	2	13	24

Monthly Totals 1630

Road Log Daily Numbers North Bound

Date	Pax Truck	Bus	Fuel Truck	Road Main Heno	Ambulance Van	Tractor Tra Grader	Loader	Zoom Boor Box Truck	Water/Sew Dump Truc Boom	Truc Service Tru	Haul Truck	SUV	Notes				
8/1/2017	21		3			2	20	2	1	1							
8/2/2017	21		2		2		26	2	1	1							
8/3/2017	21	4			1		25	3					1 Buggy				
8/4/2017	2					1	1	1									
8/5/2017	25		2			1	28	1		1	10						
8/6/2017	17		8			1	21	2			11						
8/7/2017	30	4	5	1			25	1			19						
8/8/2017	35	2	5	2	1	1	31	2	1		20						
8/9/2017	24	1	7	2	2	1	20	2			27		7PK KM15				
8/10/2017	23	4	5	1		1	21	2		2	27	2	14PK KM15				
8/11/2017	16	3	4	2		2	18	2		1	28	1					
8/12/2017	12		4			3	17	2		2	27						
8/13/2017	8		4				18			1	37						
8/14/2017	30	4	4	1			20	1	1	1	27						
8/15/2017	32	3	6	2		3	19	3		1	2	1	11PK KM15				
8/16/2017	25		3			3	23	1		1	2		16PK, 2Dumtruck,1Grader Km15				
8/17/2017	30	4	5	1		3	19	2			3		15PK,1Fuel,2Dumtruck,2Grader KM15				
8/18/2017	26	4	3	1		2	16	1	1				16PK KM12				
8/19/2017	16	2	5			2	14				3	1	8PK,3Semi,5Dumtruck,2Loader Sandpit				
8/20/2017	21		3			2	18				2		5PK 4Pumtruck KM15				
8/21/2017	25	4	4	1		4	20	3			4	1					
8/22/2017	25	1	2	2		3	20	1		1	4	2	2PK 1Grader KM 12				
8/23/2017	23		2			1	15	1			4						
8/24/2017	28	4	3	1		1	16	1		1	5						
8/25/2017	34	4	3	1		4	19	1				1	1				
8/26/2017	18		3				25	1			1						
8/27/2017	16		2			1	23	2			2	1					
8/28/2017	31	4	3	1		1	24	1	1								
8/29/2017	24	2	3	2		1	21	1		1							
8/30/2017	20	2	3	1		1	26	1		1							
8/31/2017	26	4	3	1			18	1				1					
	705	60	109	26	1	45	627	44	4	2	4	12	265	2	6	3	1

Monthly Totz 1915

Road Log Daily Numbers South Bound

Date	Pax Truck	Bus	Fuel Truck	Road Main Heno	Ambulance Van	Tractor Tra Grader	Loader	Zoom Boor Box Truck	Haul Truck	Water/Sev Dump Truc	Service Tru	Boom Truc	SUV	Notes				
8/1/2017	18		3			1	16	1	1	2				1 SUV				
8/2/2017	19		3		1	1	20	1		1								
8/3/2017	23	4	1		1	1	28	1										
8/4/2017	1		1				2											
8/5/2017	24		1	1			34				9			1Loader 3PK KM15				
8/6/2017	40	1	6				21	1			13							
8/7/2017	31	4	3		1		27	1			18							
8/8/2017	35	2	3		2	1	34	1			19							
8/9/2017	24	1	3	1	1		20		1		26	1		1pk 2 dt km 15				
8/10/2017	30	4	3		1	3	25				25		1					
8/11/2017	25	1	2		2	2	20		1	2	23	1						
8/12/2017	19		4			3	19			1	22							
8/13/2017	11		2				20			3	29							
8/14/2017	30	4	3		1		19	1			29							
8/15/2017	32	2	1		2	1	17					1		4PK SandPit				
8/16/2017	34		2			2	23		1									
8/17/2017	30	4	3		1	2	19				1							
8/18/2017	34	4	3		1	2	17				1			2PK KM20				
8/19/2017	25	1	3			3	18				2	1						
8/20/2017	20		3			2	19	1										
8/21/2017	24	5	4		1	4	21	2			2	1		4Semi Km11-12				
8/22/2017	31	1	3		2	3	19	1		1	4							
8/23/2017	19	1	2			1	16	1			2							
8/24/2017	34	4	3		1	1	14				1			3Dumptruck KM15				
8/25/2017	29	4	3		1	7	19				1	1		1				
8/26/2017	19		3				27	2	1		1							
8/27/2017	19		4				25	1										
8/28/2017	29	3	3		1	1	24											
8/29/2017	24	2	3		2	1	21		1									
8/30/2017	20	1	3		1		26	1		1								
8/31/2017	27	4	3		1		18	1				1						
	780	57	87	2	24	1	42	648	12	4	3	4	2	9	228	7	1	1

Monthly Totz 1911

Road Log Daily Numbers

Date	Pax Truck	Bus	Fuel Truck	Grader	Heno	Ambulance Van	Tractor	Tra	Rock ruck	Dump	Truc	Boom	Truc	Service	Tru	Cement	Tri	Loader	Haul	Truck	Service	Tru	Notes
9/1/2017	31		4	3		1		1	15														
9/2/2017	14			2		1		2	22			1											
9/3/2017	18			2		1			16														
9/4/2017	25		4	3		1		1															
9/5/2017	22		2	2	1	2		1	16				1										
9/6/2017	15		1	3					27														
9/7/2017	28		6	2	1	1		1	21														
9/8/2017	20		4	3		1		2	28			10			1								
9/9/2017	20			2					28			9											
9/10/2017	13			2	1			1	28			11											
9/11/2017	29		4	2		2		1	23			10											
9/12/2017	22		2	2		2			26			11											
9/13/2017	28			3	1				13			13			2								
9/14/2017	30		4	3		1			16			10		2									
9/15/2017	21		4	4		2		1	18			12					1						
9/16/2017	21			3	1			1	20			7							1				
9/17/2017	25			4				1	25			6						1		4			
9/18/2017	29		4	2		2		1	25			27											
9/19/2017	28		3	2		2		1	5			11						2		6			
9/20/2017	25		2	4				1	12														
9/21/2017	32		4	2		1		1	17														
9/22/2017	20		5	2		1		3	5			12											
9/23/2017	15			3				2	1			9											
9/24/2017	14			3		1		2	12														
9/25/2017	30		5	2		2		2				11								2			
9/26/2017	30		3	3		2		2	2			12											
9/27/2017	21		5	3		1		2	13			10											
9/28/2017	38		4	3		1		4	11			13							1				
9/29/2017	26		5	2		1		4	3			13			1								
9/30/2017	15			3				1	1			13											

Total	705	75	79	5	29	0		449	0	231	3	4	1	5	12	0
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Monthly Total: 1598

Road Log Daily Numbers September 2017

South Bound

Date	Pax Truck	Bus	Fuel Truck	Grader	Heno	Ambulance Van	Tractor Tra Loader	Rock Truck Dump	Truc Boom	Truc Service	Tru Haul Truck	Cement Tri	Service	Tru Notes
9/1/2017	32		4	3		1	2	17	1					
9/2/2017	12			2		1	1	22		1				
9/3/2017	17			3	2	2		16						
9/4/2017	26		3	7	2	1	1							
9/5/2017	23		2	4	2	2	1	15		1				
9/6/2017	14		1	4	1			30		24		1		
9/7/2017	36		6	2	1	2	2	22	1	24		1		
9/8/2017	21		4	3		1	1	28		9		1		
9/9/2017	22			2			1	25		9			1	
9/10/2017	14			2	1		1	25		12				
9/11/2017	26		4	2		2	2	22		13				
9/12/2017	22		2	2		2	1	26		11				
9/13/2017	26			3	1		1	13		13		2		
9/14/2017	31		4	3		1		19		10	1			
9/15/2017	21		4	4		2	2	16		12			1	1
9/16/2017	21			3	1			20	6	7				
9/17/2017	26			3	2		1	26	4	6			4	
9/18/2017	26		4	2	1	2	1	25		28				
9/19/2017	31		3	1		2	1	4		11			6	
9/20/2017	28		2	1			1	16		1				
9/21/2017	31		4	2		1	1	18						
9/22/2017	30			3			2	5		13			1	
9/23/2017	12			3			2	1		11				
9/24/2017	14			3		1	2	12						
9/25/2017	31		5	2		2	2	2		11				
9/26/2017	31		3	3	2	2	4	1		12				
9/27/2017	19		4	3		1	2	14		12				
9/28/2017	32		4	3			3	13		13	1			
9/29/2017	30		4	2		1	3	3		13		1		
9/30/2017	14			3	1		2			13				

Total	719	67	83	17	29	0		456	12	1	288	3	6	13	1	0
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Monthly Total: 1695

Road Log Daily Numbers For October 2017 N/B

DATE	Pax Truck	Bus	Fuel	Grader	Heno	Ambulance	Vna	Tractor Trailer	Dump Truck	Flat Bed	Service Truck	Zoom Boom	Loader	Snow Blower	CRANR	Hyster
10/1/2017	18			2				1	2							
10/2/2017	20	4	2		2		1	2	1							
10/3/2017	22	3	2		2			2								
10/4/2017	25	1	2		1			2	2							
10/5/2017	17	5	3		2			2								
10/6/2017	22	5	5		5			3	5							
10/7/2017	15		1					1	10	12						
10/8/2017	14		1					2	7	10	2					
10/9/2017	19	3	1		2			1	4	12						
10/10/2017	22	2	2		2				35			2				
10/11/2017	19	1	2					1	35				2			
10/12/2017	32	4	1		1			1	33			1				
10/13/2017	17	4	3		2			1	29					1		
10/14/2017	7		3		1				11					1	1	
10/15/2017	21	1	6		1			1	21							1
10/16/2017	26	4	6		1			1	30			3		1	1	
10/17/2017	22	2	6	1	2			1	22	12						
10/18/2017	29	1	6		3			1	16	12				1		
10/19/2017	33	4	6		1			1	29	10						
10/20/2017	26	6	7		4			1	15	11				1		
10/21/2017	14		6	1					17	10						
10/22/2017	4			1											1	
10/23/2017	ROAD CLOSE		ROAD CLOSE		ROAD CLOSE		ROAD CLOSE		ROAD CLOSE		ROAD CLOSE					
10/24/2017	27	4	3	1	1				17	2		1		2	1	
10/25/2017	22	1	3		3				31							
10/26/2017	28	4	3		2			1	27					1		
10/27/2017	12		3						20					2		
10/28/2017	14	4	3		3				23							
10/29/2017	12		4						8							
10/30/2017	37	5	3		1				22					1		1
10/31/2017	18	2	4		2				22							
Total	614	70	99	4	44	1			494	91	2	7	2	11	4	1

Monthly Total 1445

Road Log Daily Numbers October 2017

S/B

DATE	Pax Truck	Bus	Fuel	Grader	Heno	Ambulance Van	Tractor Tra	Dump Truc	Zoom Boor	Flat Bed	Notes	Service Tru	Crane	Loader	Snow Blow	Hyster
10/1/2017	21		2				1	3								
10/2/2017	23		4	2	1	2	1	2	1							
10/3/2017	24		2	3	1	2	2									
10/4/2017	23		1	2	1	1	2	2								
10/5/2017	21		5	3		2	3			3						
10/6/2017	20		4	9		3	3	6								
10/7/2017	14		1				1	7	12							
10/8/2017	16		1				2	9	10		2 2PK Fr. KM2-KM20					
10/9/2017	19	3	1			2	1	3	12							
10/10/2017	16	2	2			2	1	35				1				
10/11/2017	19	1	2				2	35								
10/12/2017	34	4	1			1		34		1		1	1			
10/13/2017	19	4	3			2	1	28							1	
10/14/2017	7		3			1	1	11							1	1
10/15/2017	21	1	6			1		21						1		
10/16/2017	26	4	6	1		1	1	30				3			1	1
10/17/2017	22	2	6	1		2	2	19	12							
10/18/2017	23		5			3	2	17	12							
10/19/2017	29	4	6			1	1	29	10							
10/20/2017	28	6	7			4	2	17	10					1	1	
10/21/2017	16		5		1			18	14							
10/22/2017	6				1										1	1
10/23/2017	ROAD CLOSE		ROAD CLOSE		ROAD CLOSE		ROAD CLOSE		ROAD CLOSE		ROAD CLOSE					
10/24/2017	23	4	3	1		1		18	2			1				
10/25/2017	20	1	3			3		26								
10/26/2017	28	4	3			2	1	28							1	1
10/27/2017	9		3					20							2	
10/28/2017	16	4	3			3		22			2PK Fr.KM7-12					
10/29/2017	12		4					8								
10/30/2017	28	4	4			1		22								
10/31/2017	14	2	4			2		22								

Total	597	66	103	8	42	1	31	491	94	4	2	6	3	8	3	1
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Monthly Total	1460
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Road Log Daily Numbers

Date	Pax Truck	Bus	Fuel Truck	Road Main Heno	Van	Ambulance ATV	Crane	Dump Truck	Tractor	Tra Lube Truck	Flat Bed	Water Truck	Haul Truck	Service Truck	Notes	Boom Truck snow Blow
11/1/2017	17		1	6						16						
11/2/2017	31		4	4	2	1				22				1		
11/3/2017	21		4	4		1				21						
11/4/2017	15		6	5						21						
11/5/2017	19			6						16						
11/6/2017	2															
11/7/2017	19	4	6	2	1					22						
11/8/2017																
11/9/2017	18	4	6	2	4					17				1		
11/10/2017	16	4	7		4	2				21						
11/11/2017	7			8						20						
11/12/2017	15			9	1					22						
11/13/2017		4	7		1					47						
11/14/2017	17	2	5	1	3					27						
11/15/2017	14	1	6	1						24						
11/16/2017	27	4	5		2					21						
11/17/2017	2			1	2					1						
11/18/2017	6	6			4	2										
11/19/2017	12	6	4	2	1					14						
11/20/2017	19	7	13		4					14						1
11/21/2017	ROAD CLOSE		ROAD CLOSE		ROAD CLOSE	ROAD CLOSE	ROAD CLOSE		ROAD CLOSE							
11/22/2017	ROAD CLOSE		ROAD CLOSE		ROAD CLOSE	ROAD CLOSE	ROAD CLOSE		ROAD CLOSE							
11/23/2017	16	4	4	1	2											1
11/24/2017	13	4	7		4					10						
11/25/2017	12		7		4					11						
11/26/2017	7		4	1						17						
11/27/2017	20	4	3	1	3					16						
11/28/2017	12	4	4		4					12						
11/29/2017	15	2	4	1						8						
11/30/2017	18	4	4		4					20						
Total	390	79	139	21	45	2	0	0	0	440	0	0	0	1	1	

Monthly Total 1118

Road Log Daily Numbers

Date	Pax Truck	Bus	Fuel Truck	Road Main	Heno	Van	Ambulance	ATV	Crane	Dump Truck	Tractor	Tra Lube Truck	Flat Bed	Water Truck	Haul Truck	Service Truck	Notes
11/1/2017	16		1	6													16
11/2/2017	29		4		3	2											20
11/3/2017	19		4	4		3											21
11/4/2017	15		4	4													19
11/5/2017	19			6													15
11/6/2017	1																
11/7/2017	22		4	1	3	1											22
11/8/2017																	
11/9/2017	21		5	3	3	3											18
11/10/2017	17		4	7		4	2										21
11/11/2017	7			6													22
11/12/2017	14			9	1												20
11/13/2017	23		4	7		1											25
11/14/2017	16		2	5	1	3											27
11/15/2017	14		1	6													24
11/16/2017	29		4	5	1	2											23
11/17/2017	2			1	2												1
11/18/2017	5		6		4	2											
11/19/2017	13		6	4	2	3											14
11/20/2017	18		7	13		4											14
11/21/2017	ROAD CLOSE		ROAD CLOSE		ROAD CLOSE		ROAD CLOSE		ROAD CLOSE		ROAD CLOSE						1 Back Hoe
11/22/2017	ROAD CLOSE		ROAD CLOSE		ROAD CLOSE		ROAD CLOSE		ROAD CLOSE		ROAD CLOSE						
11/23/2017	18		4	4	1	3										1	1 Snow Blower
11/24/2017	16		4	6		4											11
11/25/2017	12			6		4											12
11/26/2017	6			4	1		1										17
11/27/2017	17		4	3	1	3											16
11/28/2017	13		3	4		4	1										12
11/29/2017	15		2	4	1												8
11/30/2017	12		4	4		4											20

Total	409	77	122	24	50	4		0	0	0	418	0	0	0	7	3	
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Monthly Total 1114

Road Log Daily Numbers

Date	Pax Truck	Bus	Fuel Truck	Road Main Heno	Van	Ambulance ATV	Crane	Dump Truc	Tractor Tra	Lube Truck	Flat Bed	Water Truc	Haul Truck	Service Tru	Notes
12/1/2017	16		4	3	3	1				19					
12/2/2017	8			4		1				20					
12/3/2017	7			7	1					14					
12/4/2017	21		4	5	2	4					1				
12/5/2017	14		2	4		3	1								
12/6/2017	12		2	5	1	2	2								
12/7/2017	13		4	5	1	3									
12/8/2017					1										
12/9/2017	9		3	4	5	3	1								
12/10/2017	6			5	2		1								
12/11/2017	7			4	5		1								
12/12/2017	15		4	5	7	4	1								
12/13/2017	11		2	7		1	2			1					
12/14/2017	9		4	7		5									
12/15/2017	10		4	7	3	3	1								
12/16/2017	8			4	2		1								
12/17/2017	4			6			1								
12/18/2017	12		3	4		3	1								
12/19/2017	3		4	3	3	4	2								
12/20/2017															
12/21/2017															
12/22/2017															
12/23/2017															
12/24/2017															
12/25/2017															
12/26/2017															
12/27/2017															
12/28/2017															
12/29/2017															
12/30/2017															
12/31/2017															

Total	185	40	89	33	38	17	0	0	0	54	0	1	0	0	0
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Monthly Total	457
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Road Log Daily Numbers

Date	Pax Truck	Bus	Fuel Truck	Road Main Heno	Van	Ambulance ATV	Crane	Dump Truc	Tractor Tra	Lube Truck	Flat Bed	Water Truc	Haul Truck	Service Tru	Notes
12/1/2017	14		4	3	3	1				17					
12/2/2017	8			4		1				20					
12/3/2017	9			4	1					14					
12/4/2017	20		4	5	1	4									
12/5/2017	15		2	1		3	2								
12/6/2017	12		2	5	1	2	2								
12/7/2017	14		4	4	1	4									
12/8/2017					2										
12/9/2017	9		3	4	3	2	1								
12/10/2017	6			6	2		1								
12/11/2017	5			5	5										
12/12/2017	15		4	7	5	4	1								
12/13/2017	12		2	7		1	2			1					
12/14/2017	9		4	5		3									
12/15/2017	12		4	7	3	3	1								
12/16/2017	8			4	1		1								
12/17/2017	4			6			1								
12/18/2017	13		3	4		3	1								
12/19/2017	6		4	4	3	5	2								
12/20/2017															
12/21/2017															
12/22/2017															
12/23/2017															
12/24/2017															
12/25/2017															
12/26/2017															
12/27/2017															
12/28/2017															
12/29/2017															
12/30/2017															
12/31/2017															

Total	191	40	85	28	37	17		0	0	0	52	0	0	0	0
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Monthly Total	450
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