

Hollinger Public Blast Report

Blast Pattern: 3388_Knob
Date: Nov 20, 2014
Blast Time: 1348
Blast Sign Activation: 0730
Website Notification Time: 0730

Blast Conditions

Ceiling Height: 970 m
 Boundary Layer Height: > 4000 m
 Cloud Cover: 100% (Overcast - Snow)
 Wind Speed: 16 km/hr
 Wind Direction: N
 Temperature: -9.4 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast siren

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

	L_{Aeq}	L_{Peak}
Comfort Inn:	54.1 L _{Aeq}	104.7 dB
Edwards:	54.2 L _{Aeq}	96.6 dB
Fred:	47.0 L _{Aeq}	106.4 dB
Hollinger Office:	72.7 L _{Aeq}	107.2 dB
Noah:	59.2 L _{Aeq}	103.7 dB
Sandy:	64.8 L _{Aeq}	94.0 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	55.3 L _{Aeq}	107.3 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.0	6.1	9.4	10.3
Edwards:	1.6	2.4	3.4	4.7
Hollinger Office:	4.3	5.8	5.7	9.0
Hollinger Park:	4.4	5.5	6.6	8.8
Sandy:	5.3	11.5	10.0	22.8

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.4	1.1
Edwards:	3.9	8.5
Hollinger Office:	6.5	16.7
Hollinger Park:	9.2	13.2
Sandy:	9.6	32.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.1
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.0	0.1	0.1
Hollinger West:	0.0	0.0	0.1
Imerys:	0.2	0.1	0.1
Noah:	0.4	0.3	0.3
Moneta Pumping Station:	0.0	0.1	0.1
Sandy:	0.2	0.1	0.1
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.3	0.3	0.3