

Hollinger Public Blast Report

Blast Pattern: 3394_043
Date: Nov 11, 2014
Blast Time: 13:41
Blast Sign Activation: 0730
Website Notification Time: 0730

Blast Conditions

Ceiling Height: 270 m
 Boundary Layer Height: >4000 m
 Cloud Cover: 100% (Overcast - Snow)
 Wind Speed: 20 km/hr
 Wind Direction: NE
 Temperature: -6.6 °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:	59.6 L _{Aeq}	114.2 dB
Edwards:	51.9 L _{Aeq}	107.0 dB
Fred:	46.6 L _{Aeq}	110.1 dB
Hollinger Office:	66.3 L _{Aeq}	119.2 dB
Noah:	58.1 L _{Aeq}	120.0 dB
Sandy:	57.8 L _{Aeq}	105.1 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	53.3 L _{Aeq}	113.9 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.5	5.1	7.9	9.0
Edwards:	4.7	6.3	2.4	3.3
Hollinger Office:	14.0	17.3	5.1	7.3
Hollinger Park:	23.6	33.9	5.6	8.7
Sandy:	8.5	11.8	4.4	6.0

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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:	0.2	0.4
Edwards:	3.3	4.6
Hollinger Office:	6.4	10.0
Hollinger Park:	1.9	2.1
Sandy:	9.8	25.0

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 Temp:	0.0	0.0	0.0
Hollinger Office:	0.1	0.1	0.2
Hollinger West:	0.1	0.0	0.1
Imerys:	0.2	0.1	0.1
Noah:	0.2	0.5	0.2
Moneta Pumping Station:	0.0	0.1	0.1
Sandy:	0.3	0.1	0.2
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.2	0.3	0.4