

Hollinger Public Blast Report

Blast Pattern: 3382_011/3382_012
Date: January 12, 2014
Blast Time: 13:36
Blast Sign Activation: 07:45
Website Notification Time: 07:45

Blast Conditions

Ceiling Height: 4000 m
 Boundary Layer Height: 670 m
 Cloud Cover: 0% Clear
 Wind Speed: 10 km/hr
 Wind Direction: NW
 Temperature: -22.1 °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:	53.0 L _{Aeq}	124.4 dB
Edwards:	50.8 L _{Aeq}	106.7 dB
Fred:	49.1 L _{Aeq}	109.5 dB
Hollinger Office:	62.8 L _{Aeq}	114.6 dB
Noah:	N/A L _{Aeq}	N/A dB
Sandy:	46.8 L _{Aeq}	94.3 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	50.0 L _{Aeq}	105.3 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.3	11.6	15.3	15.9
Edwards:	3.2	3.4	11.0	11.9
Hollinger Office:	5.3	5.7	11.2	12.9
Hollinger Park:	3.9	4.2	12.4	13.4
Sandy:	2.8	3.4	10.9	12.4

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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:	0.5	0.8
Edwards:	2.5	3.5
Hollinger Office:	4.9	6.8
Hollinger Park:	6.3	9.1
Sandy:	3.7	5.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.9	0.8
Edwards Temp:	0.4	0.3	0.3
Hollinger Office:	0.2	0.3	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.2	0.3
Moneta Pumping Station:			
Sandy:			
Water Tower:	Off		
Wilson:			