

Hollinger Public Blast Report

Blast Pattern: 3388_036B
Date: January 6, 2014
Blast Time: 11:42
Blast Sign Activation: 07:30
Website Notification Time: 07:30

Blast Conditions

Ceiling Height: 3000 m
 Boundary Layer Height: 660 m
 Cloud Cover: 50% Partially Cloudy
 Wind Speed: 2.2 km/hr
 Wind Direction: NW
 Temperature: -19.0 °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:	49.3 L _{Aeq}	104.8 dB
Edwards:	59.5 L _{Aeq}	95.0 dB
Fred:	43.4 L _{Aeq}	93.6 dB
Hollinger Office:	63.2 L _{Aeq}	110.2 dB
Noah:	N/A L _{Aeq}	N/A dB
Sandy:	43.4 L _{Aeq}	115.9 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	48.3 L _{Aeq}	109.7 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.4	17.6	14.8	23.6
Edwards:	5.4	8.2	11.3	16.5
Hollinger Office:	7.1	10.9	10.7	18.9
Hollinger Park:	4.5	5.8	11.8	17.1
Sandy:	3.0	4.6	10.0	14.7

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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:	3.7	7.4
Edwards:	14.1	28.2
Hollinger Office:	13.2	22.5
Hollinger Park:	17.1	37.2
Sandy:	14.1	29.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards Temp:	0.1	0.1	0.1
Hollinger Office:	0.1	0.2	0.2
Hollinger West:	0.2	0.1	0.2
Imerys:	0.2	0.1	0.1
Noah:	0.2	0.4	0.2
Moneta Pumping Station:	2.0	1.7	2.1
Sandy:	5.2	12.0	5.7
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.4	0.6	0.5