

Hollinger Public Blast Report

Blast Pattern: 3388_074
Date: December 31, 2014
Blast Time: 11:35
Blast Sign Activation: 08:00
Website Notification Time: 08:00

Blast Conditions

Ceiling Height: 2760 m
 Boundary Layer Height: 390 m
 Cloud Cover: 100% Overcast
 Wind Speed: 17 km/hr
 Wind Direction: SW
 Temperature: -14.6 °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: Extencicare**

	L_{Aeq}	L_{Peak}
Comfort Inn:	51.8 L _{Aeq}	104.0 dB
Edwards:	51.7 L _{Aeq}	104.7 dB
Fred:	46.9 L _{Aeq}	111.6 dB
Hollinger Office:	60.7 L _{Aeq}	119.6 dB
Noah:	N/A L _{Aeq}	N/A dB
Sandy:	55.4 L _{Aeq}	104.2 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	55.0 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:	5.7	6.3	8.9	15.4
Edwards:	1.6	1.8	0.0	0.0
Hollinger Office:	2.0	2.3	11.8	18.2
Hollinger Park:	1.3	1.4	7.6	10.6
Sandy:	1.1	1.4	4.0	6.7

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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:	0.5	1.3
Edwards:	1.6	2.8
Hollinger Office:	2.7	4.3
Hollinger Park:	4.0	5.7
Sandy:	2.0	2.2

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:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.1
Noah:	0.3	0.4	0.2
Moneta Pumping Station:	0.4	0.4	0.7
Sandy:	5.4	3.1	4.8
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.3	0.4	0.3