

Hollinger Public Blast Report

Blast Pattern: 3376_008
Date: January 14, 2014
Blast Time: 11:35
Blast Sign Activation: 08:00
Website Notification Time: 07:45

Blast Conditions

Ceiling Height: 1010 m
 Boundary Layer Height: >4000 m
 Cloud Cover: 100% Overcast
 Wind Speed: 15 km/hr
 Wind Direction: SW
 Temperature: -9.7 °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:	51.3 L _{Aeq}	111.4 dB
Edwards:	48.9 L _{Aeq}	96.7 dB
Fred:	44.3 L _{Aeq}	105.5 dB
Hollinger Office:	68.9 L _{Aeq}	114.4 dB
Noah:	N/A L _{Aeq}	N/A dB
Sandy:	54.9 L _{Aeq}	99.7 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	50.0 L _{Aeq}	108.5 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.6	11.8	12.7	14.0
Edwards:	7.5	10.5	9.6	11.2
Hollinger Office:	5.3	6.0	16.7	28.0
Hollinger Park:	4.9	5.8	13.5	20.0
Sandy:	4.6	7.1	8.5	12.1

Hollinger Public Blast Report

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.4	0.5
Edwards:	6.5	10.0
Hollinger Office:	3.4	4.3
Hollinger Park:	4.8	12.3
Sandy:	3.3	3.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.4	0.6
Edwards Temp:	0.1	0.1	0.1
Hollinger Office:	0.3	0.3	0.4
Hollinger West:	0.1	0.0	0.1
Imerys:	0.2	0.2	0.2
Noah:			
Moneta Pumping Station:	0.1	0.2	0.1
Sandy:	0.5	0.5	0.6
Water Tower:	Off		
Wilson:	0.3	0.2	0.3