

Hollinger Public Blast Report

Blast Pattern: 3388_073
Date: January 7, 2014
Blast Time: 13:34
Blast Sign Activation: 07:45
Website Notification Time: 07:45

Blast Conditions

Ceiling Height: 460 m
 Boundary Layer Height: >4000 m
 Cloud Cover: 50% Partially Cloudy
 Wind Speed: 13 km/hr
 Wind Direction: SW
 Temperature: -27.6 °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:	54.2 L _{Aeq}	107.8 dB
Edwards:	57.8 L _{Aeq}	94.7 dB
Fred:	47.0 L _{Aeq}	104.9 dB
Hollinger Office:	56.2 L _{Aeq}	110.9 dB
Noah:	N/A L _{Aeq}	N/A dB
Sandy:	56.8 L _{Aeq}	103.7 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	48.6 L _{Aeq}	106.3 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.0	11.8	14.6	15.5
Edwards:	7.5	9.8	14.8	18.5
Hollinger Office:	8.2	11.0	13.1	22.1
Hollinger Park:	7.9	10.4	13.6	15.6
Sandy:	3.4	3.9	9.2	10.8

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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:	1.4	1.6
Edwards:	9.9	14.3
Hollinger Office:	9.5	14.1
Hollinger Park:	10.4	19.0
Sandy:	8.1	13.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards Temp:	0.1	0.1	0.1
Hollinger Office:	0.1	0.2	0.3
Hollinger West:	0.2	0.1	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.4	0.3
Moneta Pumping Station:	0.4	0.4	0.5
Sandy:	4.7	2.6	4.5
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.7	0.4	0.6