

Hollinger Public Blast Report

Blast Pattern: 3388_037B
Date: January 13, 2014
Blast Time: 11:48
Blast Sign Activation: 08:30
Website Notification Time: 07:45

Blast Conditions

Ceiling Height: 390 m
 Boundary Layer Height: >4000 m
 Cloud Cover: 0% Clear
 Wind Speed: 6 km/hr
 Wind Direction: S
 Temperature: -16.1 °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:	49.8 L _{Aeq}	94.4 dB
Edwards:	49.5 L _{Aeq}	92.4 dB
Fred:	48.1 L _{Aeq}	104.9 dB
Hollinger Office:	61.2 L _{Aeq}	103.4 dB
Noah:	N/A L _{Aeq}	N/A dB
Sandy:	51.4 L _{Aeq}	101.7 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	47.1 L _{Aeq}	99.5 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.1	8.4	11.7	12.6
Edwards:	1.4	1.9	11.4	17.1
Hollinger Office:	1.7	1.8	8.0	9.1
Hollinger Park:	1.2	1.3	8.2	9.0
Sandy:	1.1	1.6	7.1	10.1

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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:	0.9	1.3
Edwards:	22.2	41.0
Hollinger Office:	4.1	5.6
Hollinger Park:	7.6	10.7
Sandy:	4.2	5.2

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:	0.2	0.1	0.2
Imerys:	0.2	0.2	0.1
Noah:			
Moneta Pumping Station:	1.0	1.2	1.4
Sandy:	4.3	6.6	5.2
Water Tower:	Off		
Wilson:	0.3	0.5	0.6