

Hollinger Public Blast Report

Blast Pattern: 3370_006
Date: January 10, 2014
Blast Time: 11:40
Blast Sign Activation: 08:00
Website Notification Time: 08:00

Blast Conditions

Ceiling Height: 1520 m
 Boundary Layer Height: none m
 Cloud Cover: 50% Partially Cloudy
 Wind Speed: 7 km/hr
 Wind Direction: S
 Temperature: -22.8 °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:	50.4 L _{Aeq}	92.8 dB
Edwards:	46.8 L _{Aeq}	89.2 dB
Fred:	44.9 L _{Aeq}	92.6 dB
Hollinger Office:	61.2 L _{Aeq}	100.9 dB
Noah:	N/A L _{Aeq}	N/A dB
Sandy:	47.0 L _{Aeq}	99.4 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	54.5 L _{Aeq}	102.8 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.0	11.5	12.7	14.5
Edwards:	2.9	3.6	9.0	9.7
Hollinger Office:	5.8	7.5	11.0	19.0
Hollinger Park:	2.5	3.1	9.2	9.8
Sandy:	3.2	3.8	6.6	7.0

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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:	0.6	1.5
Edwards:	2.7	5.9
Hollinger Office:	16.3	32.0
Hollinger Park:	1.6	2.7
Sandy:	3.5	6.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.2	0.2
Edwards Temp:	0.1	0.1	0.1
Hollinger Office:	0.3	0.3	0.4
Hollinger West:	0.2	0.1	0.2
Imerys:	0.2	0.3	0.3
Noah:	0.3	0.3	0.4
Moneta Pumping Station:	0.3	0.3	0.4
Sandy:	2.5	1.2	2.2
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.9	0.5	0.9