

Hollinger Public Blast Report

Blast Pattern: 3388_090
Date: March 4, 2015
Blast Time: 11:33
Blast Sign Activation: 07:30
Website Notification Time: 07:30

Blast Conditions

Ceiling Height: 780 m
 Boundary Layer Height: n/a m
 Cloud Cover: 75% Cloudy
 Wind Speed: 20 km/hr
 Wind Direction: W
 Temperature: -14.0 °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:	54.4 L _{Aeq}	112.8 dB
Edwards:		
Fred:	47.9 L _{Aeq}	114.7 dB
Hollinger Office:	54.8 L _{Aeq}	116.2 dB
Noah:	61.6 L _{Aeq}	108.9 dB
Sandy:	54.3 L _{Aeq}	104.2 dB
Water Tower:	51.1 L _{Aeq}	118.9 dB
Wilson:	58.0 L _{Aeq}	114.2 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.9	16.2	23.3	25.9
Edwards:	10.7	13.8	19.9	26.9
Hollinger Office:	9.0	13.9	21.5	40.5
Hollinger Park:	5.3	7.1	18.0	22.9
Sandy:	8.1	9.4	19.5	23.8

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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:	1.3	1.7
Edwards:	7.8	20.1
Hollinger Office:	6.6	7.8
Hollinger Park:	8.8	15.9
Sandy:	5.8	15.8

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	0.2
Hollinger West:	0.2	0.1	0.2
Imerys:	0.2	0.2	0.1
Noah:	0.1	0.3	0.1
Moneta Pumping Station:	0.7	0.9	1.1
Sandy:	4.5	5.0	3.5
Water Tower:	0.2	0.1	0.2
Wilson:	0.6	0.5	0.5