

Hollinger Public Blast Report

Blast Pattern: 3376_005A
Date: March 2, 2015
Blast Time: 15:30
Blast Sign Activation: 08:15
Website Notification Time: 08:15

Blast Conditions

Ceiling Height: n/a m
Boundary Layer Height: 90 m
Cloud Cover: 25% Scattered clouds
Wind Speed: 3.2 km/hr
Wind Direction: W
Temperature: -8.9 °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:	59.0 L _{Aeq}	107.4 dB
Edwards:	56.7 L _{Aeq}	93.1 dB
Fred:	43.4 L _{Aeq}	103.8 dB
Hollinger Office:	56.6 L _{Aeq}	111.3 dB
Noah:	58.7 L _{Aeq}	106.1 dB
Sandy:	56.2 L _{Aeq}	91.3 dB
Water Tower:	50.2 L _{Aeq}	113.5 dB
Wilson:	53.3 L _{Aeq}	109.2 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.3	7.9	18.2	19.3
Edwards:	3.6	4.6	9.8	14.9
Hollinger Office:	5.6	7.5	9.7	16.6
Hollinger Park:	3.0	3.4	8.9	11.4
Sandy:	1.9	2.2	7.7	10.5

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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:	1.8	2.0
Edwards:	7.3	12.0
Hollinger Office:	7.2	13.0
Hollinger Park:	9.7	14.0
Sandy:	6.6	7.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

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