

Hollinger Public Blast Report

Blast Pattern: 3388_067
Date: March 5, 2015
Blast Time: 15:36
Blast Sign Activation: 07:45
Website Notification Time: 07:30

Blast Conditions

Ceiling Height: n/a m
 Boundary Layer Height: 90 m
 Cloud Cover: 75% Cloudy
 Wind Speed: 8 km/hr
 Wind Direction: W
 Temperature: -11.7 °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:	51.7 L _{Aeq}	101.9 dB
Edwards:	50.6 L _{Aeq}	97.2 dB
Fred:	45.3 L _{Aeq}	104.4 dB
Hollinger Office:	53.2 L _{Aeq}	106.8 dB
Noah:	57.9 L _{Aeq}	106.8 dB
Sandy:	56.3 L _{Aeq}	99.1 dB
Water Tower:	51.4 L _{Aeq}	117.2 dB
Wilson:	60.2 L _{Aeq}	112.3 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.7	10.5	18.7	21.4
Edwards:	7.0	17.2	18.5	49.7
Hollinger Office:	24.9	37.2	37.7	58.5
Hollinger Park:	1.8	2.2	8.9	11.3
Sandy:	1.7	2.3	9.0	21.8

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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:	1.0	1.7
Edwards:	21.9	54.7
Hollinger Office:	14.3	18.9
Hollinger Park:	7.6	12.0
Sandy:	3.6	5.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.4
Edwards Temp:	0.2	0.2	0.2
Hollinger Office:	0.1	0.3	0.2
Hollinger West:	0.1	0.1	0.2
Imerys:	0.2	0.2	0.2
Noah:	0.1	0.6	0.3
Moneta Pumping Station:	0.4	0.4	0.4
Sandy:	2.7	1.3	2.4
Water Tower:	0.1	0.1	0.2
Wilson:	0.7	1.0	0.9