

Hollinger Public Blast Report

Blast Pattern: 3388_089/3376_003B
Date: March 1, 2015
Blast Time: 15:39
Blast Sign Activation: 11:45
Website Notification Time: 08:00

Blast Conditions

Ceiling Height: 1290 m
 Boundary Layer Height: n/a m
 Cloud Cover: 50% Partially cloudy
 Wind Speed: 13 km/hr
 Wind Direction: SW
 Temperature: -5.6 °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: Extencicare**

	L_{Aeq}	L_{Peak}
Comfort Inn:	53.2 L _{Aeq}	106.7 dB
Edwards:	51.1 L _{Aeq}	100.1 dB
Fred:	43.6 L _{Aeq}	109.5 dB
Hollinger Office:	68.9 L _{Aeq}	108.8 dB
Noah:	55.8 L _{Aeq}	112.0 dB
Sandy:	53.7 L _{Aeq}	101.2 dB
Water Tower:	53.9 L _{Aeq}	123.9 dB
Wilson:	56.2 L _{Aeq}	109.0 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.2	11.5	20.7	21.3
Edwards:	16.7	21.0	31.1	45.1
Hollinger Office:	25.6	37.0	30.0	45.2
Hollinger Park:	8.3	8.7	15.9	17.6
Sandy:	4.4	6.8	17.4	36.7

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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:	0.8	1.0
Edwards:	24.1	40.3
Hollinger Office:	8.0	9.5
Hollinger Park:	5.0	11.3
Sandy:	16.6	31.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.4
Edwards Temp:	0.1	0.2	0.1
Hollinger Office:	0.3	0.3	0.3
Hollinger West:	0.1	0.1	0.2
Imerys:	0.3	0.2	0.3
Noah:	0.2	0.3	0.3
Moneta Pumping Station:	0.7	0.6	0.7
Sandy:	2.6	2.0	1.6
Water Tower:	0.1	0.1	0.2
Wilson:	0.5	0.3	0.6