

Hollinger Public Blast Report

Blast Pattern: 3388_088
Date: February 25, 2015
Blast Time: 13:35
Blast Sign Activation: 11:45
Website Notification Time: 08:00

Blast Conditions

Ceiling Height: 930 m
 Boundary Layer Height: n/a m
 Cloud Cover: 75% Cloudy
 Wind Speed: 8 km/hr
 Wind Direction: W
 Temperature: -19.8 °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:	52.9 L _{Aeq}	105.2 dB
Edwards:	59.4 L _{Aeq}	93.6 dB
Fred:	43.0 L _{Aeq}	105.5 dB
Hollinger Office:	62.0 L _{Aeq}	108.3 dB
Noah:	60.1 L _{Aeq}	105.5 dB
Sandy:	48.3 L _{Aeq}	97.2 dB
Water Tower:	55.8 L _{Aeq}	101.8 dB
Wilson:	49.4 L _{Aeq}	104.7 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	16.8	21.5	24.4	29.7
Edwards:	10.0	13.2	23.6	37.4
Hollinger Office:	8.6	10.9	21.9	30.4
Hollinger Park:	6.2	6.6	20.3	21.7
Sandy:	6.2	7.1	21.1	27.2

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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:	2.0	2.6
Edwards:	10.3	19.5
Hollinger Office:	11.9	17.4
Hollinger Park:	9.6	21.3
Sandy:	6.7	9.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	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	0.1	0.1
Noah:	0.2	0.3	0.1
Moneta Pumping Station:	1.2	1.6	2.6
Sandy:	3.9	3.4	2.4
Water Tower:	0.1	0.1	0.2
Wilson:	0.4	0.7	0.7