

Hollinger Public Blast Report

Blast Pattern: 3376_006A
Date: February 4, 2015
Blast Time: 11:34
Blast Sign Activation: 08:00
Website Notification Time: 08:00

Blast Conditions

Ceiling Height: >4000 m
 Boundary Layer Height: 150 m
 Cloud Cover: 25% Scattered Clouds
 Wind Speed: 2 km/hr
 Wind Direction: N
 Temperature: -16.7 °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:	49.0 L _{Aeq}	110.8 dB
Edwards:	47.6 L _{Aeq}	89.0 dB
Fred:	42.4 L _{Aeq}	95.4 dB
Hollinger Office:	74.5 L _{Aeq}	115.3 dB
Noah:	N/A L _{Aeq}	N/A dB
Sandy:	56.0 L _{Aeq}	88.7 dB
Water Tower:	47.0 L _{Aeq}	107.5 dB
Wilson:	53.0 L _{Aeq}	99.4 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.9	16.7	18.9	23.9
Edwards:	5.4	7.9	19.6	30.9
Hollinger Office:	6.3	8.4	16.9	24.8
Hollinger Park:	3.2	4.7	11.5	17.9
Sandy:	1.9	3.7	11.9	22.2

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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:	5.2	8.5
Edwards:	28.5	43.5
Hollinger Office:	20.7	26.5
Hollinger Park:	15.2	29.5
Sandy:	14.9	24.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.6
Edwards Temp:	0.1	0.1	0.1
Hollinger Office:	0.2	0.3	0.3
Hollinger West:	0.1	0.0	0.1
Imerys:	0.2	0.1	0.1
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.1	0.2	0.2
Sandy:	0.5	0.4	0.5
Water Tower:	0.1	0.1	0.2
Wilson:	0.2	0.3	0.3