

Hollinger Public Blast Report

Blast Pattern: 3388_070
Date: February 1, 2015
Blast Time: 13:34
Blast Sign Activation: 07:30
Website Notification Time: 07:45

Blast Conditions

Ceiling Height: >4000 m
 Boundary Layer Height: 230 m
 Cloud Cover: 25% Scattered Clouds
 Wind Speed: 3.4 km/hr
 Wind Direction: N
 Temperature: -23.8 °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:	47.9 L _{Aeq}	95.5 dB
Edwards:	46.3 L _{Aeq}	84.1 dB
Fred:	41.8 L _{Aeq}	93.2 dB
Hollinger Office:	60.6 L _{Aeq}	103.8 dB
Noah:	N/A L _{Aeq}	N/A dB
Sandy:	45.1 L _{Aeq}	99.0 dB
Water Tower:	47.3 L _{Aeq}	107.4 dB
Wilson:	65.1 L _{Aeq}	113.9 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.9	14.4	20.4	22.4
Edwards:	4.3	5.0	19.0	23.5
Hollinger Office:	5.7	5.9	16.1	17.9
Hollinger Park:	3.0	3.4	16.7	18.3
Sandy:	2.5	2.9	16.7	22.1

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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	1.4
Edwards:	3.3	4.9
Hollinger Office:	7.5	12.5
Hollinger Park:	4.9	6.5
Sandy:	5.1	12.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards Temp:	0.2	0.1	0.1
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.2	0.1	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.4	0.6	0.6
Sandy:	3.3	2.2	2.9
Water Tower:	0.1	0.1	0.1
Wilson:	0.7	0.6	1.0