

Hollinger Public Blast Report

Blast Pattern: 3376_002
Date: January 26, 2015
Blast Time: 13:36
Blast Sign Activation: 07:45
Website Notification Time: 07:30

Blast Conditions

Ceiling Height: >4000 m
 Boundary Layer Height: 470 m
 Cloud Cover: 50% Partially Cloudy
 Wind Speed: 4 km/hr
 Wind Direction: SE
 Temperature: -13.1 °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:	53.4 L _{Aeq}	103.4 dB
Edwards:	44.5 L _{Aeq}	87.7 dB
Fred:	43.9 L _{Aeq}	92.0 dB
Hollinger Office:	56.9 L _{Aeq}	108.4 dB
Noah:	N/A L _{Aeq}	N/A dB
Sandy:	48.7 L _{Aeq}	88.2 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	52.1 L _{Aeq}	96.6 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.4	6.7	12.8	13.2
Edwards:	1.2	1.3	3.4	4.0
Hollinger Office:	5.5	23.5	17.0	110.2
Hollinger Park:	0.8	0.9	5.4	6.5
Sandy:	1.5	4.3	5.1	14.9

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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	1.4
Edwards:	0.7	1.9
Hollinger Office:	57.2	414.2
Hollinger Park:	3.5	7.1
Sandy:	2.8	3.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.4	0.7
Edwards Temp:	0.2	0.2	0.2
Hollinger Office:	0.3	0.3	0.4
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.2	0.3
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	0.7	0.7	0.8
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.3	0.3	0.5