

Hollinger Public Blast Report

Blast Pattern: 3376_007B
Date: January 29, 2015
Blast Time: 13:35
Blast Sign Activation: 08:00
Website Notification Time: 08:00

Blast Conditions

Ceiling Height: 950 m
 Boundary Layer Height: none m
 Cloud Cover: 100% Overcast (Snow)
 Wind Speed: 5 km/hr
 Wind Direction: SW
 Temperature: -4.8 °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:	48.3 L _{Aeq}	108.8 dB
Edwards:	48.2 L _{Aeq}	86.7 dB
Fred:	42.5 L _{Aeq}	94.0 dB
Hollinger Office:	60.8 L _{Aeq}	112.6 dB
Noah:	N/A L _{Aeq}	N/A dB
Sandy:	46.0 L _{Aeq}	82.9 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	50.1 L _{Aeq}	95.8 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.9	11.3	16.6	17.4
Edwards:	7.8	8.7	15.4	18.2
Hollinger Office:	8.4	8.9	12.2	13.1
Hollinger Park:	7.4	8.1	15.2	16.7
Sandy:	8.4	10.6	14.5	18.4

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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:	0.9	1.6
Edwards:	21.1	37.6
Hollinger Office:	5.1	6.9
Hollinger Park:	13.2	24.6
Sandy:	4.8	5.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.5	0.6
Edwards Temp:	0.1	0.1	0.2
Hollinger Office:	0.2	0.2	0.4
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.3
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.1	0.2	0.1
Sandy:	0.5	0.4	0.6
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.4	0.3	0.3