

Hollinger Public Blast Report

Blast Pattern: 3376_007A
Date: January 22, 2015
Blast Time: 13:43
Blast Sign Activation: 08:00
Website Notification Time: 08:00

Blast Conditions

Ceiling Height: 1343 m
 Boundary Layer Height: n/a m
 Cloud Cover: 75% Cloudy
 Wind Speed: 4 km/hr
 Wind Direction: W
 Temperature: -11.3 °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:	50.7 L _{Aeq}	109.6 dB
Edwards:	50.8 L _{Aeq}	86.3 dB
Fred:	43.5 L _{Aeq}	96.1 dB
Hollinger Office:	59.0 L _{Aeq}	112.2 dB
Noah:	N/A L _{Aeq}	N/A dB
Sandy:	43.4 L _{Aeq}	86.8 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	52.2 L _{Aeq}	99.5 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.4	14.3	20.8	25.2
Edwards:	5.2	7.4	18.1	32.3
Hollinger Office:	6.9	10.5	12.2	17.8
Hollinger Park:	3.9	4.4	12.2	13.7
Sandy:	2.0	2.5	9.3	10.6

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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:	2.2	3.4
Edwards:	5.6	9.5
Hollinger Office:	7.7	11.8
Hollinger Park:	10.0	16.6
Sandy:	3.3	4.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.4	0.6
Edwards Temp:	0.1	0.1	0.2
Hollinger Office:	0.2	0.3	0.4
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.2	0.2
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.1	0.2	0.1
Sandy:	0.7	0.4	0.5
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.3	0.2	0.3