

Hollinger Public Blast Report

Blast Pattern: 3388_042
Date: January 28, 2015
Blast Time: 13:34
Blast Sign Activation: 08:00
Website Notification Time: 08:00

Blast Conditions

Ceiling Height: 600 m
 Boundary Layer Height: 290 m
 Cloud Cover: 100% Partially Cloudy
 Wind Speed: 6 km/hr
 Wind Direction: SW
 Temperature: -6.3 °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:	49.7 L _{Aeq}	103.4 dB
Edwards:	56.5 L _{Aeq}	89.6 dB
Fred:	44.1 L _{Aeq}	98.7 dB
Hollinger Office:	61.7 L _{Aeq}	108.7 dB
Noah:	N/A L _{Aeq}	N/A dB
Sandy:	47.1 L _{Aeq}	89.1 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	55.3 L _{Aeq}	99.3 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.1	6.4	12.5	13.1
Edwards:	3.6	7.6	14.9	38.1
Hollinger Office:	4.2	6.2	8.1	15.0
Hollinger Park:	3.4	3.8	8.8	10.0
Sandy:	2.0	5.1	7.4	17.1

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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:	0.6	1.1
Edwards:	26.2	78.0
Hollinger Office:	7.9	13.6
Hollinger Park:	12.4	24.6
Sandy:	4.6	6.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.4
Edwards Temp:	0.2	0.2	0.1
Hollinger Office:	0.1	0.2	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.3	0.3	0.2
Sandy:	1.4	0.8	1.2
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.4	0.3	0.4