

Hollinger Public Blast Report

Blast Pattern: 3388_052
Date: Nov 28, 2014
Blast Time: 11:32
Blast Sign Activation: 08:00
Website Notification Time: 06:30

Blast Conditions

Ceiling Height: 100 m
 Boundary Layer Height: 4000 m
 Cloud Cover: 0% (Clear)
 Wind Speed: 6 km/hr
 Wind Direction: SE
 Temperature: -18.8 °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: Extencicare**

	LA_{eq}	L_{Peak}
Comfort Inn:	56.4 L _{Aeq}	108.5 dB
Edwards:	48.0 L _{Aeq}	98.4 dB
Fred:	43.9 L _{Aeq}	92.0 dB
Hollinger Office:	61.8 L _{Aeq}	109.7 dB
Noah:	57.9 L _{Aeq}	103.8 dB
Sandy:	48.6 L _{Aeq}	91.7 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	48.2 L _{Aeq}	98.8 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.1	7.6	11.6	12.4
Edwards:	2.7	4.5	9.3	13.9
Hollinger Office:	3.0	3.4	8.1	9.3
Hollinger Park:	2.8	3.2	8.0	8.9
Sandy:	1.9	2.9	6.6	7.3

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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:	0.4	0.6
Edwards:	3.6	4.9
Hollinger Office:	4.4	9.6
Hollinger Park:	7.3	13.5
Sandy:	4.0	5.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

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