

Hollinger Public Blast Report

Blast Pattern: 3394_56
Date: December 20, 2014
Blast Time: 11:35
Blast Sign Activation: 07:10
Website Notification Time: 07:15

Blast Conditions

Ceiling Height: >4000 m
Boundary Layer Height: 90
Cloud Cover: 50% Partly cloudy
Wind Speed: 2.5 km/hr
Wind Direction: S
Temperature: -12.8°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:	58.3 L _{Aeq}	97.9 dB
Edwards:	44.3 L _{Aeq}	87.4 dB
Fred:	45.9 L _{Aeq}	92.1 dB
Hollinger Office:	61.5 L _{Aeq}	107.1 dB
Noah:	59.0 L _{Aeq}	100.1 dB
Sandy:	58.3 L _{Aeq}	101.8 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	51.9 L _{Aeq}	100.0 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.9	13.7	18.3	19.9
Edwards:	10.2	27.6	30.3	61.7
Hollinger Office:	3.9	5.7	12.7	29.2
Hollinger Park:	1.9	2.2	9.8	12.4
Sandy:	1.5	2.0	7.8	9.2

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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:	4.3	5.2
Edwards:	42.4	48.4
Hollinger Office:	7.8	20.6
Hollinger Park:	8.1	17.4
Sandy:	2.3	4.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.1	0.2
Edwards Temp:	0.1	0.1	0.1
Hollinger Office:	0.1	0.2	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.4	0.4	0.2
Moneta Pumping Station:	0.6	0.4	0.4
Sandy:	3.4	1.8	3.5
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.7	0.4	0.3