

Hollinger Public Blast Report

Blast Pattern: 3394_045 and 3394_055
Date: December 7, 2014
Blast Time: 13:34
Blast Sign Activation: 08:00
Website Notification Time: 08:00

Blast Conditions

Ceiling Height: 4300 m
 Boundary Layer Height: 840 m
 Cloud Cover: 50% (Partially Cloudy)
 Wind Speed: 7 km/hr
 Wind Direction: SE
 Temperature: -10.4°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**

	L_{Aeq}	L_{Peak}
Comfort Inn:	49.0 L _{Aeq}	103.0 dB
Edwards:	49.2 L _{Aeq}	92.8 dB
Fred:	46.2 L _{Aeq}	93.8 dB
Hollinger Office:	72.2 L _{Aeq}	105.6 dB
Noah:	57.6 L _{Aeq}	101.8 dB
Sandy:	57.2 L _{Aeq}	101.4 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	70.9 L _{Aeq}	113.6 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.5	8.9	15.4	16.4
Edwards:	1.8	2.0	9.3	10.1
Hollinger Office:	5.9	16.3	15.1	57.8
Hollinger Park:	2.1	2.1	10.9	12.2
Sandy:	1.1	1.6	9.4	18.6

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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:	0.9	1.4
Edwards:	2.0	3.0
Hollinger Office:	11.0	25.8
Hollinger Park:	1.7	4.6
Sandy:	0.4	0.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.4	0.2
Edwards Temp:	0.2	0.3	0.3
Hollinger Office:	0.1	0.2	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.3	0.4	0.3
Moneta Pumping Station:	0.8	0.4	1.1
Sandy:	4.5	2.2	3.8
Water Tower:	Off (Due to construction work and painting)		
Wilson:	1.0	1.1	0.7