

Hollinger Public Blast Report

Blast Pattern: 3370_007
Date: January 2, 2014
Blast Time: 13:33
Blast Sign Activation: 08:00
Website Notification Time: 08:00

Blast Conditions

Ceiling Height: none m
 Boundary Layer Height: 100 m
 Cloud Cover: 0% Clear
 Wind Speed: 5 km/hr
 Wind Direction: W
 Temperature: -21.1 °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:	55.7 L _{Aeq}	101.7 dB
Edwards:	48.6 L _{Aeq}	87.3 dB
Fred:	44.6 L _{Aeq}	96.6 dB
Hollinger Office:	60.1 L _{Aeq}	104.2 dB
Noah:	N/A L _{Aeq}	N/A dB
Sandy:	52.5 L _{Aeq}	102.9 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	57.9 L _{Aeq}	100.4 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.9	9.4	13.0	14.8
Edwards:	1.5	2.2	9.7	16.4
Hollinger Office:	4.3	5.1	7.0	11.9
Hollinger Park:	1.6	1.8	6.9	8.1
Sandy:	1.4	2.0	6.1	9.3

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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:	2.1	3.4
Edwards:	3.9	5.3
Hollinger Office:	5.4	6.7
Hollinger Park:	12.3	15.8
Sandy:	16.0	35.1

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:	0.2	0.3	0.6
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.5	0.4
Noah:	0.4	0.3	0.6
Moneta Pumping Station:	0.4	0.3	0.6
Sandy:	4.0	1.6	3.4
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.9	0.7	0.9