

Hollinger Public Blast Report

Blast Pattern: 3388_020

Date: Sept 30, 2014

Blast Time: 11:38

Blast Sign Activation: 08:00

Website Notification Time: 08:00

Blast Conditions

Ceiling Height: unlimited

Boundary Layer Height: 320 m

Cloud Cover: 0% (Clear)

Wind Speed: 7 km/hr

Wind Direction: E

Temperature: 7.4 °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:	56.2 L _{Aeq}	98.6 dB
Edwards:	49.4 L _{Aeq}	102.0 dB
Fred:	48.8 L _{Aeq}	102.1 dB
Hollinger Office:	58.4 L _{Aeq}	102.7 dB
Noah:	61.9 L _{Aeq}	100.4 dB
Sandy:	56.8 L _{Aeq}	107.6 dB
Water Tower:	Off (Due to painting of the water tower)	
Wilson:	50.5 L _{Aeq}	104.6 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost	4.3	4.7	11.3	11.8
Edwards:	1.7	1.8	8.6	9.9
Hollinger Office:	6.6	8.4	19.6	29.3
Hollinger Park:	2.6	3.0	20.1	21.9
Sandy:	1.6	3.8	9.7	30.5

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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:	0.3	0.5
Edwards:	1.6	1.8
Hollinger Office:	9.3	39.5
Hollinger Park:	1.5	1.7
Sandy:	25.2	216.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.3
Edwards:	0.5	0.3	0.4
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.5	0.3	0.3
Noah:	0.3	0.5	0.5
Moneta Pumping Station:	0.9	0.4	0.8
Sandy:	2.1	1.9	4.4
Water Tower:	Off (Due to painting of the water tower)		
Wilson:	1.0	0.7	0.8