

Hollinger Public Blast Report

Blast Pattern: 3388_028 Oversize and 3394_042

Date: Oct 9, 2014

Blast Time: 15:41

Blast Sign Activation: 07:45

Website Notification Time: 07:30

Blast Conditions

Ceiling Height: 570m

Boundary Layer Height: 280m

Cloud Cover: 100% (Overcast)

Wind Speed: 11 km/hr

Wind Direction: W

Temperature: 5.7 °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:	58.9 L _{Aeq}	116.4 dB
Edwards:	57.3 L _{Aeq}	121.9 dB
Fred:	50.9 L _{Aeq}	111.0 dB
Hollinger Office:	61.4 L _{Aeq}	120.4 dB
Noah:	64.1 L _{Aeq}	108.0 dB
Sandy:	57.7 L _{Aeq}	100.6 dB
Water Tower:	Off (Due to painting of the water tower)	
Wilson:	54.7 L _{Aeq}	113.9 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost	2.6	2.9	6.2	6.8
Edwards:	3.6	6.7	6.9	12.6
Hollinger Office:	6.5	9.8	9.0	14.3
Hollinger Park:	9.8	15.9	26.2	42.0
Sandy:	1.8	2.0	4.0	7.1

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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:	1.6	3.5
Edwards:	3.8	9.8
Hollinger Office:	4.7	6.2
Hollinger Park:	5.3	7.0
Sandy:	1.0	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.4	0.2	0.2
Hollinger Office:	0.1	0.1	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.1	0.1
Noah:	0.2	0.4	0.3
Moneta Pumping Station:	0.3	0.3	0.4
Sandy:	1.2	0.7	1.1
Water Tower:	Off (Due to painting of the water tower)		
Wilson:	0.4	0.4	0.3