

Hollinger Public Blast Report

Date: April 8, 2014

Blast Time: 15:31

Blast Sign Activation: 08:10

Website Notification Time: 08:00

Blast Conditions

Ceiling Height: 800 m

Boundary Layer Height: 90 m

Cloud Cover: 100% (Overcast)

Wind Speed: 10.7 km/hr

Wind Direction: NW

Temperature: 0.9°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

Comfort Inn:	56.3 L_{Aeq}
Edwards:	61.3 L_{Aeq}
Fred:	47.3 L_{Aeq}
Hollinger Office:	64.3 L_{Aeq}
Noah:	60.9 L_{Aeq}
Sandy:	67.9 L_{Aeq}
Water Tower:	51.9 L_{Aeq}
Wilson:	50.3 L_{Aeq}

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Edwards:	5.6	6.2	29.1	33.9
Hollinger Office:	15.1	20.9	30.3	38.2
Hollinger Park:	13.4	16.6	36.8	48.2
Sandy:	11.7	18.2	25.4	48.7

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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
GC1-379 (Hollinger Park):	2.8	3.8
GC2-380 (Hollinger Office):	7.4	14.6
GC3-381 (Hollinger Park):	6.5	12.9
GC4-382 (Sandy):	3.2	3.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.1	0.2	0.2
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.0	0.1	0.1
Imerys:	0.2	0.1	0.1
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	1.0	0.4	0.6
Water Tower:	0.2	0.1	0.2
Wilson:	0.2	0.2	0.3