

Hollinger Public Blast Report

Date: April 4, 2014

Blast Time: 15:44 and 15:46

Blast Sign Activation: 08:15

Website Notification Time: 08:00

Blast Conditions

Ceiling Height: 220 m

Boundary Layer Height: N/A

Cloud Cover: 100% (Overcast)

Wind Speed: 10.1 km/hr

Wind Direction: NE

Temperature: -4.0°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:	54.8 L_{Aeq}
Edwards:	52.2 L_{Aeq}
Fred:	43.2 L_{Aeq}
Hollinger Office:	77.2 L_{Aeq}
Noah:	59.4 L_{Aeq}
Sandy:	59.8 L_{Aeq}
Water Tower:	53.3 L_{Aeq}
Wilson:	51.7 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:	12.6	17.4	24.7	41.2
Hollinger Office:	11.8	15.3	14.5	29.4
Hollinger Park:	43.6	74.2	43.7	81.0
Sandy:	15.5	25.3	18.1	33.5

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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
GC1-379 (Hollinger Park):	3.2	4.2
GC2-380 (Hollinger Office):	3.6	4.9
GC3-381 (Hollinger Park):	4.9	6.1
GC4-382 (Sandy):	3.2	6.2

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:	0.2	0.2	0.2
Hollinger Office:	0.1	0.2	0.2
Hollinger West:	0.0	0.1	0.1
Imerys:	0.1	0.1	0.0
Noah:	0.2	0.2	0.2
Moneta Pumping Station:	0.1	0.0	0.1
Water Tower:	0.1	0.1	0.1
Wilson:	0.2	0.3	0.2