

Hollinger Public Blast Report

Date: May 13, 2014

Blast Time: 15:31

Blast Sign Activation: 08:00

Website Notification Time: 08:00

Blast Conditions

Ceiling Height: 180m
 Boundary Layer Height: None
 Cloud Cover: Overcast
 Wind Speed: 13 km/hr
 Wind Direction: SE
 Temperature: 10.7 °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: Extendicare**

Comfort Inn: 57.8 L_{Aeq}
 Edwards: 49.2 L_{Aeq}
 Fred: 43.0 L_{Aeq}
 Hollinger Office: 63.8 L_{Aeq}
 Noah: 61.5 L_{Aeq}
 Sandy: 68.3 L_{Aeq}
 Water Tower: 61.3 L_{Aeq}
 Wilson: 52.5 L_{Aeq}

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Edwards:	3.7	4.0	17.9	18.2
Hollinger Office:	11.2	32.8	17.7	98.8
Hollinger Park:	5.7	5.9	7.3	7.7
Sandy:	2.8	3.0	11.9	12.4

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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):	1.3	2.8
GC2-380 (Hollinger Office):	9.1	24.9
GC3-381 (Hollinger Park):	2.3	3.5
GC4-382 (Sandy):	2.4	4.1

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:	0.3	0.3	0.3
Hollinger Office:	0.3	0.2	0.4
Hollinger West:	0.0	0.1	0.1
Imerys:	0.2	0.2	0.1
Moneta Pumping Station:	0.4	0.1	0.3
Sandy:	0.6	0.5	0.8
Water Tower:	0.2	0.1	0.2
Wilson:	0.4	0.3	0.4