

Hollinger Public Blast Report

Date: April 16, 2014
Blast Time: 15:30
Blast Sign Activation: 07:45
Website Notification Time: 08:00

Blast Conditions

Ceiling Height: 1390m
 Boundary Layer Height: 1310m
 Cloud Cover: 75% (Scattered Clouds)
 Wind Speed: 8.8 km/hr
 Wind Direction: W
 Temperature: -2.0 °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: 53.8 L_{Aeq}
 Edwards: 52.7 L_{Aeq}
 Fred: 43.6 L_{Aeq}
 Hollinger Office: 66.1 L_{Aeq}
 Noah: 58.7 L_{Aeq}
 Sandy: 65.0 L_{Aeq}
 Water Tower: 54.3 L_{Aeq}
 Wilson: 49.0 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:	4.2	7.5	21.2	32.7
Hollinger Office:	16.6	20.4	28.8	42.7
Hollinger Park:	2.7	2.9	12.0	13.8
Sandy:	2.1	2.5	10.8	12.1

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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
GC1-379 (Hollinger Park):	7.0	24.2
GC2-380 (Hollinger Office):	8.6	16.5
GC3-381 (Hollinger Park):	5.6	10.2
GC4-382 (Sandy):	1.1	1.3

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	0.2	0.3
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.2	0.1	0.1
Imerys:	0.1	0.0	0.0
Moneta Pumping Station:	0.2	0.0	0.3
Sandy:	0.9	0.4	1.3
Water Tower:	0.1	0.1	0.1
Wilson:	0.3	0.3	0.2