

Hollinger Public Blast Report

Date: April 10, 2014
Blast Time: 15:30
Blast Sign Activation: 08:30
Website Notification Time: 08:30

Blast Conditions

Ceiling Height: 1810m
 Boundary Layer Height: 90m
 Cloud Cover: 100% (Overcast)
 Wind Speed: 14 km/hr
 Wind Direction: SW
 Temperature: 7.5 °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: 56.6 L_{Aeq}
 Edwards: 61.9 L_{Aeq}
 Fred: 51.0 L_{Aeq}
 Hollinger Office: 67.5 L_{Aeq}
 Noah: 62.8 L_{Aeq}
 Sandy: 65.1 L_{Aeq}
 Water Tower: 69.4 L_{Aeq}
 Wilson: 57.1 L_{Aeq}

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Edwards:	4.8	6.0	24.7	33.3
Hollinger Office:	8.6	10.8	20.0	27.1
Hollinger Park:	13.0	22.2	28.6	53.8
Sandy:	4.7	5.7	15.7	20.0

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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):	10.4	20.1
GC2-380 (Hollinger Office):	3.8	7.6
GC3-381 (Hollinger Park):	4.0	12.6
GC4-382 (Sandy):	1.1	1.4

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:	0.0	0.1	0.1
Hollinger West:	0.0	0.1	0.1
Imerys:	0.1	0.0	0.0
Moneta Pumping Station:	0.3	0.0	0.2
Noah:	0.0	0.0	0.0
Sandy:	1.1	0.6	0.8
Water Tower:	0.1	0.1	0.1
Wilson:	0.2	0.2	0.2