

Hollinger Public Blast Report

Blast No.: 3394_008
Date: April 23, 2014
Blast Time: 11:36
Blast Sign Activation: 08:00
Website Notification Time: 07:45

Blast Conditions

Ceiling Height: N/A
 Boundary Layer Height: 100m
 Cloud Cover: 0% (Clear)
 Wind Speed: 17.3 km/hr
 Wind Direction: NNW
 Temperature: 1.2 °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: 55.3 L_{Aeq}
 Edwards: 60.5 L_{Aeq}
 Fred: 47.8 L_{Aeq}
 Hollinger Office: 68.3 L_{Aeq}
 Noah: 70.9 L_{Aeq}
 Sandy: 67.3 L_{Aeq}
 Water Tower: 51.6 L_{Aeq}
 Wilson: 51.6 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:	8.6	11.8	39.5	54.6
Hollinger Office:	29.0	40.6	38.1	52.7
Hollinger Park:	45.5	69.7	78.9	111.2
Sandy:	12.1	20.3	21.7	35.3

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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):	4.4	6.7
GC2-380 (Hollinger Office):	4.5	9.7
GC3-381 (Extendicare):	0.0	0.0
GC4-382 (Sandy):	1.7	2.8

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	0.1
Moneta Pumping Station:	0.3	0.1	0.2
Sandy:	0.8	0.4	0.8
Water Tower:	0.1	0.1	0.1
Wilson:	0.2	0.2	0.2