

Hollinger Public Blast Report

Blast Pattern: 3364_010
Date: July 18, 2014
Blast Time: 15:31
Blast Sign Activation: 08:00
Website Notification Time: 08:00

Blast Conditions

Ceiling Height: n/a m
 Boundary Layer Height: n/a m
 Cloud Cover: 25% (Scattered Clouds)
 Wind Speed: 10 km/hr
 Wind Direction: W
 Temperature: 26.3 °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**

	LA_{eq}	L_{Peak}
Comfort Inn:	68.5 L _{Aeq}	106.0 dB
Edwards:	54.8 L _{Aeq}	107.2 dB
Fred:	54.0 L _{Aeq}	110.6 dB
Hollinger Office:	66.7 L _{Aeq}	108.1 dB
Noah:	61.3 L _{Aeq}	106.3 dB
Sandy:	61.3 L _{Aeq}	117.4 dB
Water Tower:	53.5 L _{Aeq}	117.7 dB
Wilson:	49.7 L _{Aeq}	110.5 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Edwards:	64.8	364.3	58.8	392.0
Hollinger Office:	23.2	30.3	25.7	34.5
Hollinger Park:	13.8	16.8	22.0	25.4
Sandy:	9.3	10.8	14.0	17.5

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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):	10.9	24.3
GC2-380 (Hollinger Office):	4.4	9.0
GC3-381 (Hollinger Park):	3.1	6.5
GC4-382 (Sandy):	0.5	0.8

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:	0.0	0.0	0.1
Hollinger Office:	0.2	0.1	0.4
Hollinger West:	0.2	0.2	0.2
Imerys:	0.5	0.6	0.7
Noah:	0.3	0.3	0.4
Moneta Pumping Station:	0.4	0.3	0.5
Sandy:	3.4	2.6	3.6
Water Tower:	1.9	0.8	2.0
Wilson:	1.1	0.9	0.9