

Hollinger Public Blast Report

Blast Pattern: 3382_005

Date: June 10, 2014

Blast Time: 15:39

Blast Sign Activation: 08:00

Website Notification Time: 08:00

Blast Conditions

Ceiling Height: None

Boundary Layer Height: 270m

Cloud Cover: 0% (Unlimited)

Wind Speed: 6 km/hr

Wind Direction: SE

Temperature: 23.6 °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:	54.5 L _{Aeq}
Edwards:	55.2 L _{Aeq}
Fred:	46.1 L _{Aeq}
Hollinger Office:	63.6 L _{Aeq}
Noah:	61.0 L _{Aeq}
Sandy:	67.3 L _{Aeq}
Water Tower:	51.8 L _{Aeq}
Wilson:	51.2 L _{Aeq}

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Edwards:	11.6	22.8	15.8	21.4
Hollinger Office:	12.6	21.6	15.6	28.9
Hollinger Park:	15.9	35.3	39.3	174.6
Sandy:	7.8	12.0	14.4	19.5

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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):	1.5	4.2
GC2-380 (Hollinger Office):	4.4	18.4
GC3-381 (Hollinger Park):	2.3	7.4
GC4-382 (Sandy):	1.6	2.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.1
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.3	0.1	0.3
Hollinger West:	0.0	0.0	0.0
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.1	0.4
Moneta Pumping Station:	0.4	0.3	0.3
Sandy:	1.1	0.3	0.9
Water Tower:	0.1	0.1	0.2
Wilson:	0.3	0.2	0.2