

Hollinger Public Blast Report

Date: May 21, 2014

Blast Time: 15:36

Blast Sign Activation: 08:00

Website Notification Time: 08:00

Blast Conditions

Ceiling Height: 1340 m

Boundary Layer Height: 1480m

Cloud Cover: 50% (Overcast Scattered Clouds)

Wind Speed: 8 km/hr

Wind Direction: S

Temperature: 16.6 °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:	51.7 L_{Aeq}
Fred:	40.3 L_{Aeq}
Hollinger Office:	67.1 L_{Aeq}
Noah:	60.4 L_{Aeq}
Sandy:	73.1 L_{Aeq}
Water Tower:	60.0 L_{Aeq}
Wilson:	49.8 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:	11.4	11.7	45.7	47.8
Hollinger Office:	16.8	30.1	42.0	107.2
Hollinger Park:	15.7	17.6	39.6	47.2
Sandy:	11.1	12.0	37.7	38.8

Hollinger Public Blast Report

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):	3.0	4.4
GC2-380 (Hollinger Office):	7.5	39.4
GC3-381 (Hollinger Park):	3.5	5.8
GC4-382 (Sandy):	2.0	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:	0.1	0.1	0.1
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	0.0	0.0	0.0
Imerys:	0.2	0.2	0.2
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.6	0.3	0.9
Water Tower:	0.1	0.1	0.1
Wilson:	0.4	0.3	0.3