

# Hollinger Public Blast Report

**Blast Pattern: 3394\_028**

**Date: June 20, 2014**

**Blast Time: 15:46**

**Blast Sign Activation: 08:00**

**Website Notification Time: 08:00**

## Blast Conditions

Ceiling Height: n/a

Boundary Layer Height: n/a

Cloud Cover: 0% (Clear)

Wind Speed: 6 km/hr

Wind Direction: E

Temperature: 18.9 °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:	57.5 $L_{Aeq}$
Edwards:	48.4 $L_{Aeq}$
Fred:	41.7 $L_{Aeq}$
Hollinger Office:	61.4 $L_{Aeq}$
Noah:	60.5 $L_{Aeq}$
Sandy:	72.5 $L_{Aeq}$
Water Tower:	51.1 $L_{Aeq}$
Wilson:	50.4 $L_{Aeq}$

## 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:	9.1	11.6	0.0	0.0
Hollinger Office:	14.5	45.9	13.7	48.1
Hollinger Park:	12.3	53.3	18.4	77.0
Sandy:	13.2	71.3	10.4	17.3

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### NO<sub>x</sub> Levels (ppb) - NO<sub>x</sub> Monitoring Instruments Reviewed:

**NO<sub>x</sub> Alert: No exceedances recorded.**

	Avg. NO <sub>x</sub>	Max NO <sub>x</sub>
GC1-379 (Hollinger Park):	0.8	1.0
GC2-380 (Hollinger Office):	2.7	8.3
GC3-381 (Hollinger Park):	1.9	5.3
GC4-382 (Sandy):	1.9	9.8

### Vibration (mm/s) – Vibration Instruments Reviewed:

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.1
Edwards:	0.2	0.1	0.2
Hollinger Office:			
Hollinger West:	0.0	0.0	0.1
Imerys:	0.3	0.3	0.2
Noah:	0.3	0.2	0.3
Moneta Pumping Station:	0.4	0.3	0.3
Sandy:	1.3	0.9	1.2
Water Tower:	0.2	0.1	0.3
Wilson:	0.4	0.3	0.5