

# Hollinger Public Blast Report

**Blast Pattern: 3382-004**

**Date: June 8, 2014**

**Blast Time: 11:30**

**Blast Sign Activation: 07:30**

**Website Notification Time: 07:30**

## Blast Conditions

Ceiling Height: 300m

Boundary Layer Height: 98m

Cloud Cover: 100% (Overcast)

Wind Speed: 9 km/hr

Wind Direction: N

Temperature: 12.5 °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:	57.2 $L_{Aeq}$
Edwards:	50.7 $L_{Aeq}$
Fred:	45.5 $L_{Aeq}$
Hollinger Office:	58.5 $L_{Aeq}$
Noah:	62.8 $L_{Aeq}$
Sandy:	57.1 $L_{Aeq}$
Water Tower:	50.6 $L_{Aeq}$
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:	1.1	1.4	5.2	6.7
Hollinger Office:	2.9	3.3	2.2	3.1
Hollinger Park:	3.4	4.1	2.0	3.3
Sandy:	3.2	13.5	5.8	14.4

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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):	1.2	3.0
GC2-380 (Hollinger Office):	2.3	3.8
GC3-381 (Hollinger Park):	1.3	2.1
GC4-382 (Sandy):	0.0	0.0

### 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	0.0
Hollinger Office:	0.0	0.1	0.0
Hollinger West:	0.0	0.0	0.0
Imerys:	0.2	0.2	0.1
Noah:	0.1	0.1	0.1
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.4	0.2	0.3
Water Tower:	0.1	0.0	0.1
Wilson:	0.2	0.1	0.1