

# Hollinger Public Blast Report

**Blast Pattern: 3394\_029**

**Date: June 25, 2014**

**Blast Time: 15:30**

**Blast Sign Activation: 07:15**

**Website Notification Time: 07:25**

## Blast Conditions

Ceiling Height: >4000m

Boundary Layer Height: >4000m

Cloud Cover: 50% (Partly Cloudy)

Wind Speed: 10 km/hr

Wind Direction: NE

Temperature: °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: Extencicare**

Comfort Inn:	57.8 $L_{Aeq}$
Edwards:	68.6 $L_{Aeq}$
Fred:	45.5 $L_{Aeq}$
Hollinger Office:	58.2 $L_{Aeq}$
Noah:	61.0 $L_{Aeq}$
Sandy:	52.7 $L_{Aeq}$
Water Tower:	60.6 $L_{Aeq}$
Wilson:	47.0 $L_{Aeq}$

## 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:	16.0	24.8	6.0	19.1
Hollinger Office:	16.2	23.8	16.2	24.1
Hollinger Park:	8.6	14.7	17.4	24.5
Sandy:	16.6	61.3	24.7	69.2

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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):	27.3	113.2
GC2-380 (Hollinger Office):	3.4	13.2
GC3-381 (Hollinger Park):	2.3	4.1
GC4-382 (Sandy):	4.4	10.7

### 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:	0.4	0.5	0.4
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.2	0.1	0.1
Imerys:	0.4	0.4	0.2
Noah:	0.3	0.5	0.4
Moneta Pumping Station:	0.6	0.5	0.6
Sandy:	1.4	1.0	1.7
Water Tower:	0.3	0.3	0.4
Wilson:	1.9	0.6	1.2