

# Hollinger Public Blast Report

**Blast Pattern: 3388\_018**

**Date: Aug 27, 2014**

**Blast Time: 15:36**

**Blast Sign Activation: 07:30**

**Website Notification Time: 07:30**

## Blast Conditions

Ceiling Height: 1330m

Boundary Layer Height: >4000m

Cloud Cover: 100% (Overcast)

Wind Speed: 4 km/hr

Wind Direction: N

Temperature: 16.1 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

**Noise Alert: Exceedances due to blast siren**

### **Blast Siren Locations:**

**1: Hollinger Office**

**2: Shania Twain**

**3: Extencicare**

Comfort Inn:	56.6 L <sub>Aeq</sub>
Edwards:	64.8 L <sub>Aeq</sub>
Fred:	50.8 L <sub>Aeq</sub>
Hollinger Office:	63.7 L <sub>Aeq</sub>
Noah:	63.0 L <sub>Aeq</sub>
Sandy:	64.5 L <sub>Aeq</sub>
Water Tower:	Off (Due to painting of the water tower)
Wilson:	52.6 L <sub>Aeq</sub>

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

**Dust Alert: No exceedances recorded.**

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost	3.4	4.8	9.4	13.3
Edwards:	5.3	6.6	7.7	10.3
Hollinger Office:	7.4	10.9	11.8	21.3
Hollinger Park:	19.4	37.6	33.4	65.4
Sandy:	4.5	7.1	10.9	16.7

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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>
Claimpost:	0.7	0.9
Edwards:	1.0	1.7
Hollinger Office:	2.2	3.6
Hollinger Park:	3.7	7.4
Sandy:	1.0	1.4

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.4
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.5	0.2	0.4
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.3	0.2
Noah:	0.2	0.2	0.3
Moneta Pumping Station:	0.2	0.2	0.5
Sandy:	1.1	0.7	0.8
Water Tower:	Off (Due to painting of the water tower)		
Wilson:	0.4	0.5	0.4