

# Hollinger Public Blast Report

**Blast Pattern: 3388\_014**

**Date: Sept 3, 2014**

**Blast Time: 11:34**

**Blast Sign Activation: 08:00**

**Website Notification Time: 08:00**

## Blast Conditions

Ceiling Height: n/a

Boundary Layer Height: n/a

Cloud Cover: 25% (Scattered Clouds)

Wind Speed: 10 km/hr

Wind Direction: SW

Temperature: 20.1 °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: Extendicare**

Comfort Inn:	55.2 L <sub>Aeq</sub>
Edwards:	63.5 L <sub>Aeq</sub>
Fred:	50.1 L <sub>Aeq</sub>
Hollinger Office:	71.4 L <sub>Aeq</sub>
Noah:	62.3 L <sub>Aeq</sub>
Sandy:	61.8 L <sub>Aeq</sub>
Water Tower:	Off (Due to painting of the water tower)
Wilson:	53.0 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	5.1	6.0	10.9	11.9
Edwards:	13.7	69.2	24.6	154.0
Hollinger Office:	27.6	38.9	37.1	48.6
Hollinger Park:	9.0	10.9	29.6	35.2
Sandy:	3.7	4.1	14.3	16.1

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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:	1.8	5.1
Edwards:	4.7	9.5
Hollinger Office:	8.5	12.6
Hollinger Park:	4.3	6.9
Sandy:	1.0	1.4

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.6	0.5
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.5	0.2	0.3
Hollinger West:	0.1	0.0	0.1
Imerys:	0.2	0.3	0.3
Noah:	0.2	0.4	0.3
Moneta Pumping Station:	0.3	0.2	0.4
Sandy:	1.3	0.8	1.5
Water Tower:	Off (Due to painting of the water tower)		
Wilson:	0.4	0.4	0.5