

# Hollinger Public Blast Report

**Blast Pattern: 3364\_023**

**Date: Oct 2, 2014**

**Blast Time: 15:32**

**Blast Sign Activation: 08:00**

**Website Notification Time: 08:00**

## Blast Conditions

Ceiling Height: 1540m

Boundary Layer Height: 590m

Cloud Cover: 100% (Overcast)

Wind Speed: 10 km/hr

Wind Direction: S

Temperature: 15.1 °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**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>Peak</sub></b>
Comfort Inn:	58.9 L <sub>Aeq</sub>	96.7 dB
Edwards:	53.3 L <sub>Aeq</sub>	102.2 dB
Fred:	49.1 L <sub>Aeq</sub>	102.2 dB
Hollinger Office:	57.8 L <sub>Aeq</sub>	108.1 dB
Noah:	61.6 L <sub>Aeq</sub>	106.3 dB
Sandy:	54.2 L <sub>Aeq</sub>	108.3 dB
Water Tower:	Off (Due to painting of the water tower)	
Wilson:	54.5 L <sub>Aeq</sub>	107.8 dB

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

**Dust Alert: No exceedances recorded.**

	<b>Avg. PM10</b>	<b>Max PM10</b>	<b>Avg. TSP</b>	<b>Max TSP</b>
Claimpost	33.7	34.6	37.3	38.6
Edwards:	10.2	11.8	47.3	49.5
Hollinger Office:	18.5	19.6	42.4	44.0
Hollinger Park:	8.5	10.0	53.7	55.6
Sandy:	8.2	10.1	50.9	54.5

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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:	3.3	6.4
Edwards:	1.7	3.2
Hollinger Office:	2.4	10.0
Hollinger Park:	1.3	2.5
Sandy:	0.8	1.0

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.3	0.2	0.3
Imerys:	0.3	0.2	0.3
Noah:	0.3	0.4	0.4
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	2.2	1.2	1.0
Water Tower:	Off (Due to painting of the water tower)		
Wilson:	0.6	0.7	0.7