

# Hollinger Public Blast Report

**Blast Pattern: 3364\_026**

**Date: Oct 7, 2014**

**Blast Time: 15:35**

**Blast Sign Activation: 07:00**

**Website Notification Time: 07:30**

## Blast Conditions

Ceiling Height: 1080m

Boundary Layer Height: >4000m

Cloud Cover: 100% (Overcast)

Wind Speed: 14 km/hr

Wind Direction: S

Temperature: 9.9 °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:	58.6 L <sub>Aeq</sub>	103.0 dB
Edwards:	50.4 L <sub>Aeq</sub>	106.1 dB
Fred:	48.5 L <sub>Aeq</sub>	103.9 dB
Hollinger Office:	60.4 L <sub>Aeq</sub>	106.0 dB
Noah:	63.5 L <sub>Aeq</sub>	109.4 dB
Sandy:	69.3 L <sub>Aeq</sub>	110.4 dB
Water Tower:	Off (Due to painting of the water tower)	
Wilson:	56.5 L <sub>Aeq</sub>	109.2 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	10.9	11.1	14.8	17.0
Edwards:	9.0	9.9	15.3	16.6
Hollinger Office:	10.8	11.0	14.1	14.8
Hollinger Park:	0.0	0.0	24.2	25.1
Sandy:	9.4	10.6	15.5	17.4

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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>
Claimpost:	4.5	11.2
Edwards:	2.2	4.0
Hollinger Office:	2.2	3.9
Hollinger Park:	2.2	4.0
Sandy:	0.9	1.1

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.1	0.1	0.2
Hollinger West:	0.7	0.3	0.5
Imerys:	0.3	0.5	0.5
Noah:	0.2	0.4	0.3
Moneta Pumping Station:	0.3	0.4	0.5
Sandy:	3.1	1.9	1.6
Water Tower:	Off (Due to painting of the water tower)		
Wilson:	1.5	1.5	1.2