

## Hollinger Public Blast Report

**Blast Pattern:** 3394\_058  
**Date:** December 13, 2014  
**Blast Time:** 13:40  
**Blast Sign Activation:** 08:00  
**Website Notification Time:** 08:00

### Blast Conditions

Ceiling Height: 410 m  
 Boundary Layer Height: 70 m  
 Cloud Cover: 75% (Cloudy)  
 Wind Speed: 7 km/hr  
 Wind Direction: W  
 Temperature: 3.7 °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**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>Peak</sub></b>
Comfort Inn:	55.0 L <sub>Aeq</sub>	102.7 dB
Edwards:	53.6 L <sub>Aeq</sub>	92.3 dB
Fred:	46.8 L <sub>Aeq</sub>	97.8 dB
Hollinger Office:	67.0 L <sub>Aeq</sub>	102.4 dB
Noah:	60.8 L <sub>Aeq</sub>	101.0 dB
Sandy:	50.3 L <sub>Aeq</sub>	105.3 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	51.7 L <sub>Aeq</sub>	102.0 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:	9.2	10.2	14.8	16.8
Edwards:	3.2	3.6	15.8	22.7
Hollinger Office:	4.2	4.7	14.5	16.7
Hollinger Park:	2.0	2.2	16.9	18.7
Sandy:	0.8	1.2	9.5	11.5

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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:	3.1	5.4
Edwards:	11.7	53.0
Hollinger Office:	6.7	7.9
Hollinger Park:	9.2	12.1
Sandy:	3.0	4.8

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.1	0.1	0.2
Hollinger West:	0.1	0.1	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.2	0.3	0.3
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	1.7	0.7	1.7
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.4	0.3	0.4