

## Hollinger Public Blast Report

**Blast Pattern:** 3364\_019  
**Date:** Sept 14, 2014  
**Blast Time:** 15:33  
**Blast Sign Activation:** 08:00  
**Website Notification Time:** 08:00

### Blast Conditions

Ceiling Height: 2150 m  
 Boundary Layer Height: 2360 m  
 Cloud Cover: 75% (Cloudy)  
 Wind Speed: 9 km/hr  
 Wind Direction: SW  
 Temperature: 11.2 °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:	54.0 L <sub>Aeq</sub>	93.5 dB
Edwards:	55.8 L <sub>Aeq</sub>	101.1 dB
Fred:	49.0 L <sub>Aeq</sub>	97.9 dB
Hollinger Office:	63.7 L <sub>Aeq</sub>	102.2 dB
Noah:	60.4 L <sub>Aeq</sub>	110.5 dB
Sandy:	53.9 L <sub>Aeq</sub>	108.0 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	51.2 L <sub>Aeq</sub>	109.3 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:	3.8	4.2	12.1	13.9
Edwards:	3.4	5.5	9.5	19.3
Hollinger Office:	6.9	34.1	16.0	60.7
Hollinger Park:	3.0	3.8	17.8	19.8
Sandy:	1.9	3.6	7.7	14.0

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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:	0.5	1.9
Edwards:	1.1	4.3
Hollinger Office:	4.9	8.5
Hollinger Park:	0.6	1.0
Sandy:	0.1	0.2

### 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:	0.0	0.1	0.0
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.3	0.1	0.2
Imerys:	0.3	0.3	0.4
Noah:	0.2	0.2	0.3
Moneta Pumping Station:	0.3	0.3	0.4
Sandy:	2.4	1.7	2.1
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.7	0.7	0.6