

## Hollinger Public Blast Report

**Blast Pattern:** 3394\_038a  
**Date:** Sept 11, 2014  
**Blast Time:** 11:40  
**Blast Sign Activation:** 08:00  
**Website Notification Time:** 08:00

### Blast Conditions

Ceiling Height: 540 m  
 Boundary Layer Height: none  
 Cloud Cover: 100% (Overcast)  
 Wind Speed: 20 km/hr  
 Wind Direction: NW  
 Temperature: 6.6 °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:	60.4 L <sub>Aeq</sub>	114.7 dB
Edwards:	56.7 L <sub>Aeq</sub>	106.3 dB
Fred:	54.1 L <sub>Aeq</sub>	115.8 dB
Hollinger Office:	65.2 L <sub>Aeq</sub>	117.8 dB
Noah:	63.1 L <sub>Aeq</sub>	114.3 dB
Sandy:	60.2 L <sub>Aeq</sub>	101.8dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	58.9 L <sub>Aeq</sub>	118.5 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:	5.0	5.9	7.3	8.1
Edwards:	4.1	4.7	7.9	10.6
Hollinger Office:	7.0	8.0	8.2	9.9
Hollinger Park:	3.5	4.0	18.6	22.6
Sandy:	6.6	7.7	7.0	8.4

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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:	0.4	0.5
Edwards:	0.9	1.0
Hollinger Office:	4.8	13.7
Hollinger Park:	4.4	6.1
Sandy:	7.1	16.1

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.2	0.1	0.2
Hollinger West:	0.0	0.0	0.1
Imerys:	0.6	1.2	0.8
Noah:	0.3	0.4	0.5
Moneta Pumping Station:	0.1	0.2	0.2
Sandy:	0.6	0.4	0.6
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.2	0.2	0.2