

## Hollinger Public Blast Report

**Blast Pattern:** 3388\_033 and Razor Back  
**Date:** Nov 9, 2014  
**Blast Time:** 13:50  
**Blast Sign Activation:** 08:00  
**Website Notification Time:** 08:00

### Blast Conditions

Ceiling Height: 450 m  
 Boundary Layer Height: 210 m  
 Cloud Cover: 75% (Cloudy)  
 Wind Speed: 12 km/hr  
 Wind Direction: S  
 Temperature: -4.1 °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: Extendicare**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>Peak</sub></b>
Comfort Inn:	51.2 L <sub>Aeq</sub>	101.9 dB
Edwards:	55.9 L <sub>Aeq</sub>	97.6 dB
Fred:	48.1 L <sub>Aeq</sub>	97.7 dB
Hollinger Office:	64.9 L <sub>Aeq</sub>	106.6 dB
Noah:	59.3 L <sub>Aeq</sub>	104.1 dB
Sandy:	63.5 L <sub>Aeq</sub>	112.6 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	48.7 L <sub>Aeq</sub>	105.9 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:	4.4	4.9	8.3	9.4
Edwards:	3.2	3.6	2.1	3.0
Hollinger Office:	12.2	15.3	4.0	5.6
Hollinger Park:	10.8	12.0	4.8	6.5
Sandy:	5.0	6.6	1.8	4.8

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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:	2.2	3.8
Edwards:	1.9	3.5
Hollinger Office:	6.5	16.2
Hollinger Park:	1.3	1.9
Sandy:	0.9	1.4

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

**Vibration Alert: No exceedances recorded.**

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