

## Hollinger Public Blast Report

**Blast Pattern:** 3394\_049B and Razor Back  
**Date:** Nov 8, 2014  
**Blast Time:** 11:35  
**Blast Sign Activation:** 08:00  
**Website Notification Time:** 08:00

### Blast Conditions

Ceiling Height: 250 m  
 Boundary Layer Height: n/a  
 Cloud Cover: 100% (Overcast) Snow  
 Wind Speed: 13 km/hr  
 Wind Direction: S  
 Temperature: 0.7 °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:	53.7 L <sub>Aeq</sub>	107.1 dB
Edwards:	48.5 L <sub>Aeq</sub>	99.4 dB
Fred:	45.6 L <sub>Aeq</sub>	99.2 dB
Hollinger Office:	62.9 L <sub>Aeq</sub>	114.6 dB
Noah:	61.7 L <sub>Aeq</sub>	110.4 dB
Sandy:	61.4 L <sub>Aeq</sub>	113.8 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	50.8 L <sub>Aeq</sub>	107.7 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:	3.7	4.3	6.6	7.1
Edwards:	2.0	2.4	1.1	1.5
Hollinger Office:	4.8	6.8	3.4	5.6
Hollinger Park:	4.2	4.8	3.7	4.2
Sandy:	2.4	3.5	2.0	3.2

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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:	1.3	2.8
Edwards:	2.7	3.5
Hollinger Office:	6.8	17.7
Hollinger Park:	8.0	18.4
Sandy:	1.2	1.4

### 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 Temp:	0.0	0.0	0.0
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	0.0	0.0	0.1
Imerys:	0.3	0.1	0.2
Noah:	0.2	0.3	0.3
Moneta Pumping Station:	0.1	0.2	0.1
Sandy:	0.7	0.2	0.5
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.1	0.1	0.2