

## Hollinger Public Blast Report

**Blast Pattern:** 3376\_001  
**Date:** January 17, 2015  
**Blast Time:** 13:34  
**Blast Sign Activation:** 07:30  
**Website Notification Time:** 07:30

### Blast Conditions

Ceiling Height: 620 m  
 Boundary Layer Height: > 4000 m  
 Cloud Cover: 100% Overcast  
 Wind Speed: 12 km/hr  
 Wind Direction: SE  
 Temperature: -17.6 °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: Extencicare**

	<b>L<sub>Aeq</sub></b>	<b>L<sub>Peak</sub></b>
Comfort Inn:	56.1 L <sub>Aeq</sub>	101.3 dB
Edwards:	45.3 L <sub>Aeq</sub>	95.2 dB
Fred:	45.3 L <sub>Aeq</sub>	107.9 dB
Hollinger Office:	56.2 L <sub>Aeq</sub>	110.6 dB
Noah:	N/A L <sub>Aeq</sub>	N/A dB
Sandy:	51.0 L <sub>Aeq</sub>	93.2 dB
Water Tower:	Off (Due to construction work and painting)	
Wilson:	59.6 L <sub>Aeq</sub>	105.8 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:	9.0	11.9	10.6	11.5
Edwards:	7.0	9.2	8.9	14.3
Hollinger Office:	24.6	81.4	13.6	59.4
Hollinger Park:	12.2	19.9	10.6	16.5
Sandy:	3.7	4.6	7.2	10.5

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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:	0.4	0.7
Edwards:	3.5	6.3
Hollinger Office:	8.8	10.8
Hollinger Park:	3.5	5.1
Sandy:	0.5	0.7

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.4	0.7
Edwards Temp:	0.1	0.1	0.2
Hollinger Office:	0.3	0.3	0.4
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.2	0.4
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.7	0.4	0.8
Water Tower:	Off (Due to construction work and painting)		
Wilson:	0.8	0.3	0.4