

# Hollinger Public Blast Report

**Blast Pattern: 3388\_038A**

**Date: Nov 18, 2014**

**Blast Time: 1350**

**Blast Sign Activation: 0800**

**Website Notification Time: 0800**

## Blast Conditions

Ceiling Height: 790 m

Boundary Layer Height: None

Cloud Cover: 100% (Overcast – Snow)

Wind Speed: 7 km/hr

Wind Direction: NW

Temperature: -10.9 °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:	52.1 L <sub>Aeq</sub>	110.4 dB
Edwards:	49.4 L <sub>Aeq</sub>	96.3 dB
Fred:	47.4 L <sub>Aeq</sub>	110.8 dB
Hollinger Office:	64.2 L <sub>Aeq</sub>	111.4 dB
Noah:	58.4 L <sub>Aeq</sub>	110.8 dB
Sandy:	59.6 L <sub>Aeq</sub>	100.9 dB
Water Tower:	Off (Due to painting of the water tower)	
Wilson:	50.2 L <sub>Aeq</sub>	105.5 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	8.6	12.2	12.7	15.2
Edwards:	13.7	19.5	8.8	12.6
Hollinger Office:	17.7	22.3	13.2	20.3
Hollinger Park:	20.8	30.7	14.5	27.4
Sandy:	9.8	12.6	0.0	0.0

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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:	0.9	1.2
Edwards:	4.3	5.0
Hollinger Office:	6.1	8.5
Hollinger Park:	15.7	22.5
Sandy:	37.9	140.0

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

**Vibration Alert: No exceedances recorded.**

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.2
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.1	0.2	0.2
Hollinger West:	0.1	0.0	0.1
Imerys:	0.2	0.2	0.1
Noah:	0.2	0.3	0.2
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.4	0.2	0.4
Water Tower:	Off (Due to painting of the water tower)		
Wilson:	0.1	0.2	0.2