

# Hollinger Public Blast Report

**Blast Pattern:** 3304-058  
**Date:** 26-May-22  
**Blast Time:** 11:41  
**Blast Sign Activation:** 8:00  
**Website Notification Time:** 8:00

## Blast Conditions

Ceiling Height: 656 ft  
 Boundary Layer Height: n/a m  
 Cloud Cover: 100% Overcast Rain  
 Wind Speed: 9  
 Wind Direction: E  
 Temperature: 11.1 °C

## Noise Levels (L<sub>Aeq</sub>) – Noise Monitoring Instruments Reviewed:

### Noise Alert:

#### Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

|                   | L <sub>Aeq</sub> | L <sub>peak</sub> dB |
|-------------------|------------------|----------------------|
| Comfort Inn:      | 59.5 LAeq        | 126.9 dB             |
| Edwards:          | 47.8 LAeq        | 112.2 dB             |
| Fred:             | 46.0 LAeq        | 99.0 dB              |
| Hollinger Office: | 59.9 LAeq        | 127.4 dB             |
| Noah:             | 63.7 LAeq        | 115.5 dB             |
| Sandy:            | 53.5 LAeq        | 113.5 dB             |
| Water Tower:      | 51.4 LAeq        | 119.8 dB             |
| Wilson:           | LAeq             | 113.3 dB             |

## Dust Levels (µg/m<sup>3</sup>) – Dust Monitoring Instruments Reviewed:

|                   | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|-----------|----------|----------|---------|
| Claimpost:        | 12.6      | 14.4     | 25.6     | 26.6    |
| Edwards:          | 4.2       | 4.7      | 11.4     | 12.0    |
| Hollinger Office: | 1.3       | 1.9      | 7.7      | 9.7     |
| Sandy:            | 2.8       | 3.2      | 7.8      | 8.5     |

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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:        | 2.7                  | 3.4                 |
| Edwards:          | 2.4                  | 3.3                 |
| Hollinger Office: | 3.8                  | 4.6                 |
| Sandy:            | 5.6                  | 19.7                |

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

**Vibration Alert: No exceedances recorded**

|                         | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn:            | 0.5       | 0.3      | 0.7      |
| Edwards:                | 0.2       | 0.2      | 0.3      |
| Hollinger Office:       | 1.2       | 0.8      | 1.2      |
| Hollinger West:         | 0.6       | 0.2      | 0.5      |
| Imerys:                 | 1.1       | 0.9      | 1.5      |
| Noah:                   | 1.5       | 1.3      | 1.2      |
| Moneta Pumping Station: | 0.9       | 0.4      | 0.7      |
| Sandy:                  | 0.6       | 0.5      | 0.9      |
| Water Tower:            | 0.7       | 0.4      | 1.1      |
| Wilson:                 | 1.3       | 0.8      | 1.5      |



