# Hollinger Public Blast Report

| | |
|---|---|
| **Blast Pattern:** | **3208_001** |
| **Date:** | **21-Sep-26** |
| **Blast Time:** | **11:41** |
| **Blast Sign Activation:** | **7:00** |
| **Website Notification Time:** | **7:00** |

**Blast Conditions**

| | | |
|---|---|---|
| Ceiling Height: | unlimited | ft |
| Boundary Layer Height: | N/A | m |
| Cloud Cover: | 0% | Clear |
| Wind Speed: | 9 | km/h |
| Wind Direction: | North | |
| Temperature: | 8.6 | °C |

**Noise Levels ($L_{Aeq}$) – Noise Monitoring Instruments Reviewed:**

**Noise Alert:**

**Blast Siren Locations:**

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

| | **Laeq** | | **$L_{peak\ dB}$** | |
|---|---|---|---|---|
| Comfort Inn: | 53.9 | LAeq | 102 | dB |
| Edwards: | 45.5 | LAeq | 88.3 | dB |
| Fred: | 42.9 | LAeq | 93.7 | dB |
| Hollinger Office: | 59.3 | LAeq | 109.8 | dB |
| Sandy: | 44.2 | Laeq | 98.4 | dB |
| Water Tower: | 47 | LAeq | 106.4 | dB |
| Wilson: | 46.9 | LAeq | 97.3 | dB |

**Dust Levels (µg/m$^3$) – Dust Monitoring Instruments Reviewed:**

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|---|---|---|---|---|
| Claimpost: | 9.4 | 10.9 | 2.9 | 3.4 |
| Edwards: | 2.7 | 4.2 | 7.9 | 11 |
| Hollinger Office: | 8 | 12.4 | 13.5 | 20.9 |
| Sandy: | 3.3 | 3.8 | 10.5 | 11.3 |

# Hollinger Public Blast Report

**$NO_x$ Levels (ppb) - $NO_x$ Monitoring Instruments Reviewed:**

**$NO_x$ Alert: No exceedances recorded**

| | Avg. $NO_x$ | Max $NO_x$ |
|---|---|---|
| Claimpost: | 0.8 | 1.2 |
| Edwards: | 0.8 | 1.7 |
| Hollinger Office: | 1.9 | 2.9 |
| Sandy: | 1.4 | 2.1 |

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

**Vibration Alert: No exceedances recorded**

| | Trans PPV | Vert PPV | Long PPV |
|---|---|---|---|
| Comfort Inn: | **0.46** | **0.34** | **0.85** |
| Edwards: | **0.24** | **0.17** | **0.33** |
| Hollinger Office: | **0.63** | **0.32** | **1.04** |
| Hollinger West: | **0.60** | **0.23** | **0.57** |
| Imerys: | **0.65** | **0.50** | **0.80** |
| Moneta Pumping Station | **0.99** | **0.60** | **1.14** |
| Sandy: | **1.16** | **0.63** | **1.09** |
| Water Tower: | **0.81** | **0.32** | **0.66** |
| Wilson: | **1.19** | **0.77** | **1.04** |