

Hollinger Public Blast Report

Blast Pattern: 3298_084A
Date: 1-Jan-23
Blast Time: 13:40
Blast Sign Activation: 12:41
Website Notification Time: 7:03

Blast Conditions

Ceiling Height: 1,640 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 7
Wind Direction: S
Temperature: -1.6 °C

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

Noise Alert:

Blast Siren Locations:

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

| | L _{Aeq} | L _{peak} dB |
|-------------------|------------------|----------------------|
| Comfort Inn: | 48.6 LAeq | 104.4 dB |
| Edwards: | 43.5 LAeq | 94.8 dB |
| Fred: | 43.0 LAeq | 89.8 dB |
| Hollinger Office: | 51.3 LAeq | 101.6 dB |
| Noah: | 54.5 LAeq | 99.3 dB |
| Sandy: | 43.7 LAeq | 96.4 dB |
| Water Tower: | 46.7 LAeq | 100.7 dB |
| Wilson: | 45.4 LAeq | 92.5 dB |

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|-----------|----------|----------|---------|
| Claimpost: | 6.9 | 8.1 | 3.9 | 6.4 |
| Edwards: | 1.8 | 2.0 | 4.0 | 6.1 |
| Hollinger Office: | 0.0 | 0.0 | 7.3 | 10.7 |
| Sandy: | 1.8 | 2.3 | 3.3 | 3.7 |

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

| | Avg. NO _x | Max NO _x |
|-------------------|----------------------|---------------------|
| Claimpost: | 2.1 | 4.7 |
| Edwards: | 1.6 | 3.0 |
| Hollinger Office: | 2.5 | 6.4 |
| Sandy: | 0.6 | 0.7 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|------------------------|-----------|----------|----------|
| Comfort Inn: | 0.3 | 0.2 | 0.2 |
| Edwards: | 0.1 | 0.0 | 0.1 |
| Hollinger Office: | 1.2 | 0.6 | 0.9 |
| Hollinger West: | 0.1 | 0.0 | 0.1 |
| Imerys: | 0.2 | 0.2 | 0.3 |
| Noah: | 0.5 | 0.7 | 0.4 |
| Moneta Pumping Station | 0.1 | 0.0 | 0.1 |
| Sandy: | 0.1 | 0.1 | 0.1 |
| Water Tower: | 0.2 | 0.1 | 0.2 |
| Wilson: | 0.4 | 0.1 | 0.5 |

