

Hollinger Public Blast Report



Blast Pattern: 3322_007
Date: 6-Jan-20
Blast Time: 11:32
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 Snow
Wind Speed: 15 km/hr
Wind Direction: W
Temperature: -6.4 °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: | 52.1 LAeq | 107.4 dB |
| Edwards: | 48.8 LAeq | 102.7 dB |
| Fred: | 41.0 LAeq | 102.6 dB |
| Hollinger Office: | 52.9 LAeq | 108.4 dB |
| Noah: | 58.7 LAeq | 109.6 dB |
| Sandy: | 41.3 LAeq | 105.6 dB |
| Water Tower: | 46.9 LAeq | 117.2 dB |
| Wilson: | 46.3 LAeq | 105.8 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 6.1 | 6.9 | 5.0 | 5.8 |
| Edwards: | 10.7 | 12.1 | 13.0 | 19.9 |
| Hollinger Office: | 8.5 | 14.8 | 4.0 | 6.5 |
| Sandy: | 2.0 | 2.3 | 5.0 | 6.3 |

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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: | 4.4 | 8.4 |
| Edwards: | 7.7 | 24.9 |
| Hollinger Office: | 5.9 | 11.9 |
| Sandy: | 3.0 | 3.6 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.1 | 0.1 | 0.1 |
| Edwards: | 0.1 | 0.1 | 0.1 |
| Hollinger Office: | 0.3 | 0.2 | 0.4 |
| Hollinger West: | 0.7 | 0.6 | 1.1 |
| Imerys: | 0.3 | 0.5 | 0.3 |
| Noah: | 0.4 | 0.3 | 0.4 |
| Moneta Pumping Station: | 0.8 | 0.5 | 0.8 |
| Sandy: | 7.5 | 3.4 | 4.4 |
| Water Tower: | 1.1 | 1.0 | 0.9 |
| Wilson: | 1.6 | 1.4 | 1.7 |