

Hollinger Public Blast Report



Blast Pattern: 3328_082
Date: 30-Nov-19
Blast Time: 11:42
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: 9 km/hr
Wind Direction: E
Temperature: -10.6 °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: | 50.4 LAeq | 99.3 dB |
| Edwards: | 42.5 LAeq | 92.2 dB |
| Fred: | 35.3 LAeq | 87.5 dB |
| Hollinger Office: | 51.6 LAeq | 101.9 dB |
| Noah: | 56.4 LAeq | 98.8 dB |
| Sandy: | 37.1 LAeq | 103.0 dB |
| Water Tower: | 46.2 LAeq | 113.5 dB |
| Wilson: | 44.6 LAeq | 101.8 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 1.8 | 2.1 | 1.7 | 2.5 |
| Edwards: | 1.5 | 1.9 | 5.7 | 8.1 |
| Hollinger Office: | 1.8 | 2.3 | 4.2 | 6.4 |
| Sandy: | 3.8 | 5.6 | 1.1 | 2.6 |

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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: | 0.2 | 0.3 |
| Edwards: | 1.5 | 2.0 |
| Hollinger Office: | 2.2 | 3.9 |
| Sandy: | 6.9 | 31.2 |

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: | 0.0 | 0.0 | 0.0 |
| Hollinger Office: | 0.5 | 0.3 | 0.4 |
| Hollinger West: | 0.4 | 0.2 | 0.4 |
| Imerys: | 0.9 | 1.0 | 1.1 |
| Noah: | 0.6 | 0.5 | 0.8 |
| Moneta Pumping Station: | 0.2 | 0.1 | 0.2 |
| Sandy: | 0.5 | 0.2 | 0.4 |
| Water Tower: | 2.7 | 1.6 | 2.4 |
| Wilson: | 0.7 | 0.4 | 0.5 |