

Hollinger Public Blast Report

Blast Pattern: 3322_014
Date: 5-Feb-20
Blast Time: 11:36
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 10000 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 11 km/hr
Wind Direction: S
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: | 51.6 LAeq | 105.6 dB |
| Edwards: | 45.1 LAeq | 103.4 dB |
| Fred: | 41.4 LAeq | 103.5 dB |
| Hollinger Office: | 52.7 LAeq | 109.4 dB |
| Noah: | 58.4 LAeq | 105.6 dB |
| Sandy: | 43.2 LAeq | 111.0 dB |
| Water Tower: | 50.6 LAeq | 118.0 dB |
| Wilson: | 49.2 LAeq | 109.1 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 3.7 | 4.8 | 4.7 | 6.0 |
| Edwards: | 2.5 | 2.9 | 7.5 | 12.9 |
| Hollinger Office: | 2.3 | 3.2 | 3.2 | 5.7 |
| Sandy: | 1.2 | 1.8 | 4.2 | 5.8 |

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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: | 0.6 | 2.6 |
| Edwards: | 5.8 | 22.8 |
| Hollinger Office: | 2.1 | 2.9 |
| Sandy: | 3.2 | 5.5 |

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 | 0.0 | 0.1 |
| Hollinger Office: | 0.2 | 0.1 | 0.2 |
| Hollinger West: | 0.9 | 0.8 | 1.6 |
| Imerys: | 0.2 | 0.4 | 0.4 |
| Noah: | 0.5 | 0.3 | 0.5 |
| Moneta Pumping Station: | 0.6 | 0.4 | 0.6 |
| Sandy: | 3.2 | 1.6 | 2.7 |
| Water Tower: | 0.9 | 0.9 | 0.8 |
| Wilson: | 2.0 | 1.5 | 2.7 |