

Hollinger Public Blast Report

Blast Pattern: 3322_019
Date: 10-Feb-20
Blast Time: 11:36
Blast Sign Activation: 7:30
Website Notification Time: 7:20

Blast Conditions

Ceiling Height: 1312 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 6 km/hr
Wind Direction: S
Temperature: -7 °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: | 50.2 LAeq | 101.9 dB |
| Edwards: | 44.9 LAeq | 96.9 dB |
| Fred: | 38.9 LAeq | 98.7 dB |
| Hollinger Office: | 51.6 LAeq | 104.0 dB |
| Noah: | 58.4 LAeq | 102.4 dB |
| Sandy: | 42.2 LAeq | 102.7 dB |
| Water Tower: | 47.1 LAeq | 113.1 dB |
| Wilson: | 52.0 LAeq | 99.8 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 4.9 | 5.6 | 4.0 | 5.8 |
| Edwards: | 2.6 | 3.2 | 8.1 | 11.2 |
| Hollinger Office: | 2.7 | 2.9 | 4.7 | 5.4 |
| Sandy: | 4.0 | 5.4 | 5.7 | 6.7 |

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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: | 0.3 | 1.7 |
| Edwards: | 3.9 | 7.4 |
| Hollinger Office: | 3.6 | 4.5 |
| Sandy: | 2.3 | 3.3 |

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 | 0.2 | 0.2 |
| Hollinger West: | 1.2 | 1.0 | 1.6 |
| Imerys: | 0.2 | 0.3 | 0.4 |
| Noah: | 0.7 | 0.4 | 1.0 |
| Moneta Pumping Station: | 0.4 | 0.3 | 0.5 |
| Sandy: | 2.0 | 1.1 | 1.5 |
| Water Tower: | 0.7 | 0.6 | 0.6 |
| Wilson: | 2.4 | 2.2 | 3.1 |