

Hollinger Public Blast Report

Blast Pattern: 3298_003, 3292_211 PS
Date: 1-Feb-21
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 16076 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 0
Wind Direction: N
Temperature: -14.5 °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: | 53.9 LAeq | 107.2 dB |
| Edwards: | 42.9 LAeq | 100.6 dB |
| Fred: | 41.2 LAeq | 90.0 dB |
| Hollinger Office: | 53.0 LAeq | 109.6 dB |
| Noah: | 57.2 LAeq | 104.6 dB |
| Sandy: | 43.4 LAeq | 107.5 dB |
| Water Tower: | 44.2 LAeq | 116.2 dB |
| Wilson: | 46.6 LAeq | 107.8 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 15.3 | 19.4 | 3.3 | 5.6 |
| Edwards: | 4.4 | 6.5 | 10.5 | 13.5 |
| Hollinger Office: | 12.2 | 21.4 | 13.8 | 22.6 |
| Sandy: | 12.5 | 30.4 | 20.9 | 55.8 |

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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: | 6.0 | 9.2 |
| Edwards: | 5.7 | 7.3 |
| Hollinger Office: | 8.8 | 14.3 |
| Sandy: | 34.6 | 105.1 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.4 | 0.9 | 0.9 |
| Edwards: | 0.4 | 0.3 | 0.4 |
| Hollinger Office: | 0.6 | 0.7 | 0.4 |
| Hollinger West: | 1.1 | 2.0 | 1.0 |
| Imerys: | 1.0 | 0.7 | 2.0 |
| Noah: | 1.8 | 0.8 | 1.0 |
| Moneta Pumping Station: | 0.9 | 0.7 | 1.0 |
| Sandy: | 1.6 | 1.3 | 2.4 |
| Water Tower: | 1.0 | 1.5 | 2.1 |
| Wilson: | 3.0 | 3.2 | 3.8 |