

Hollinger Public Blast Report

Blast Pattern: 3292_011 & 3292_008B/010B
Date: 2-Jun-21
Blast Time: 11:33
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 20,997 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 15
Wind Direction: SW
Temperature: 22.1 °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: | 56.2 LAeq | 109.5 dB |
| Edwards: | 51.6 LAeq | 106.6 dB |
| Fred: | 48.8 LAeq | 106.3 dB |
| Hollinger Office: | 57.4 LAeq | 112.1 dB |
| Noah: | 62.3 LAeq | 108.0 dB |
| Sandy: | 51.0 LAeq | 108.5 dB |
| Water Tower: | 52.5 LAeq | 112.7 dB |
| Wilson: | 49.5 LAeq | 108.0 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 2.6 | 2.9 | 20.0 | 21.6 |
| Edwards: | 16.8 | 20.1 | 25.0 | 34.7 |
| Hollinger Office: | 34.1 | 67.0 | 59.6 | 183.7 |
| Sandy: | 46.1 | 74.6 | 49.1 | 78.6 |

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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: | 0.7 | 1.1 |
| Edwards: | 1.0 | 4.0 |
| Hollinger Office: | 9.1 | 20.1 |
| Sandy: | 1.3 | 1.6 |

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 | 0.0 | 0.1 |
| Hollinger Office: | 0.8 | 0.4 | 0.7 |
| Hollinger West: | 5.1 | 3.2 | 3.6 |
| Imerys: | 1.8 | 0.1 | 0.0 |
| Noah: | 1.5 | 1.6 | 1.3 |
| Moneta Pumping Station: | 0.8 | 0.4 | 0.7 |
| Sandy: | 2.5 | 1.6 | 3.1 |
| Water Tower: | 5.6 | 5.6 | 6.6 |
| Wilson: | 2.7 | 1.7 | 2.4 |