

Hollinger Public Blast Report

Blast Pattern: 3304_060
Date: 24-Jun-22
Blast Time: 11:34
Blast Sign Activation: 7:35
Website Notification Time: 7:27

Blast Conditions

Ceiling Height: 2,296 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 13
Wind Direction: NW
Temperature: 21.6 °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: | 56.5 LAeq | 103.1 dB |
| Edwards: | 50.2 LAeq | 102.2 dB |
| Fred: | 45.9 LAeq | 101.1 dB |
| Hollinger Office: | 57.7 LAeq | 106.7 dB |
| Noah: | 60.9 LAeq | 102.0 dB |
| Sandy: | 44.6 LAeq | 106.0 dB |
| Water Tower: | 49.5 LAeq | 109.5 dB |
| Wilson: | 47.3 LAeq | 103.3 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 22.3 | 22.8 | 42.9 | 44.5 |
| Edwards: | 12.1 | 12.7 | 17.0 | 21.2 |
| Hollinger Office: | 17.1 | 18.5 | 24.3 | 30.2 |
| Sandy: | 63.6 | 308.9 | 38.2 | 152.7 |

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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: | 0.4 | 0.7 |
| Edwards: | 0.2 | 0.6 |
| Hollinger Office: | 1.5 | 2.3 |
| Sandy: | 10.5 | 46.4 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.4 | 0.2 | 0.3 |
| Edwards: | 0.1 | 0.1 | 0.1 |
| Hollinger Office: | 0.5 | 0.3 | 0.5 |
| Hollinger West: | 0.5 | 0.2 | 0.5 |
| Imerys: | 0.7 | 0.4 | 0.8 |
| Noah: | 0.5 | 1.3 | 0.5 |
| Moneta Pumping Station: | 0.9 | 0.6 | 1.1 |
| Sandy: | 0.7 | 1.2 | 1.7 |
| Water Tower: | 0.5 | 0.4 | 0.6 |
| Wilson: | 1.2 | 0.9 | 1.4 |

