

Hollinger Public Blast Report

Blast Pattern: 3304_080
Date: 28-Jul-22
Blast Time: 15:33
Blast Sign Activation: 7:45
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 7,874 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 17
Wind Direction: S
Temperature: 20.9 °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 | 106.1 dB |
| Edwards: | 55.6 LAeq | 103.1 dB |
| Fred: | 44.8 LAeq | 94.1 dB |
| Hollinger Office: | 56.8 LAeq | 112.6 dB |
| Noah: | 60.1 LAeq | 101.6 dB |
| Sandy: | 50.4 LAeq | 97.7 dB |
| Water Tower: | 51.0 LAeq | 107.4 dB |
| Wilson: | 52.0 LAeq | 100.0 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 15.0 | 16.7 | 22.1 | 25.7 |
| Edwards: | 7.2 | 8.7 | 23.8 | 26.9 |
| Hollinger Office: | 13.5 | 16.2 | 26.8 | 28.2 |
| Sandy: | 8.1 | 11.1 | 19.5 | 21.6 |

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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: | 0.5 | 0.6 |
| Edwards: | 0.0 | 0.2 |
| Hollinger Office: | 1.5 | 5.5 |
| Sandy: | 0.5 | 1.4 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.7 | 0.8 | 0.8 |
| Edwards: | 0.2 | 0.1 | 0.3 |
| Hollinger Office: | 1.2 | 0.8 | 1.4 |
| Hollinger West: | 0.3 | 0.2 | 0.2 |
| Imerys: | 1.1 | 0.8 | 1.3 |
| Noah: | 1.4 | 0.8 | 1.5 |
| Moneta Pumping Station: | 0.3 | 0.2 | 0.2 |
| Sandy: | 0.3 | 0.3 | 0.5 |
| Water Tower: | 0.6 | 0.3 | 0.5 |
| Wilson: | 1.5 | 1.0 | 1.2 |

