

Hollinger Public Blast Report

Blast Pattern: 3280_083
Date: 14-Jun-23
Blast Time: 11:31
Blast Sign Activation: 7:21
Website Notification Time: 7:12

Blast Conditions

Ceiling Height: 328 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 4 km/h
Wind Direction: SW
Temperature: 13.3 °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: | 58.8 LAeq | dB |
| Edwards: | 50.8 LAeq | 90.6 dB |
| Fred: | 44.2 LAeq | 84.0 dB |
| Hollinger Office: | 55.5 LAeq | 102.8 dB |
| Noah: | 61.6 LAeq | 97.7 dB |
| Sandy: | 52.8 LAeq | 105.9 dB |
| Water Tower: | 45.8 LAeq | 102.5 dB |
| Wilson: | 47.3 LAeq | 94.6 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|-----------|----------|----------|---------|
| Claimpost: | 12.0 | 12.9 | 7.0 | 8.0 |
| Edwards: | 22.6 | 23.6 | 43.3 | 45.3 |
| Hollinger Office: | 4.3 | 5.4 | 45.0 | 49.6 |
| Sandy: | 2.5 | 8.8 | 0.0 | 0.0 |

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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: | 0.9 | 1.1 |
| Edwards: | 9.9 | 21.3 |
| Hollinger Office: | 1.1 | 1.9 |
| Sandy: | 0.0 | 0.0 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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

