

Hollinger Public Blast Report

Blast Pattern: 3274_063
Date: 15-Jun-23
Blast Time: 15:32
Blast Sign Activation: 7:23
Website Notification Time: 7:14

Blast Conditions

Ceiling Height: 656 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/h
Wind Direction: N
Temperature: 9.5 °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: | 58.3 LAeq | 103.8 dB |
| Edwards: | 51.1 LAeq | 97.1 dB |
| Fred: | 46.5 LAeq | 95.0 dB |
| Hollinger Office: | 55.9 LAeq | 108.9 dB |
| Noah: | 60.9 LAeq | 103 dB |
| Sandy: | 44.4 Laeq | 97.9 dB |
| Water Tower: | 48.5 LAeq | 107.6 dB |
| Wilson: | 48.0 LAeq | 101.5 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 24.5 | 27.4 | 26.8 | 29.8 |
| Edwards: | 9.5 | 11.3 | 0.0 | 0.0 |
| Hollinger Office: | 26.2 | 29.6 | 64.6 | 70.0 |
| Sandy: | 14.2 | 15.0 | 37.5 | 42.3 |

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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: | 0.2 | 0.4 |
| Edwards: | 0.0 | 0.0 |
| Hollinger Office: | 2.2 | 2.7 |
| Sandy: | 3.1 | 7.9 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|------------------------|-----------|----------|----------|
| Comfort Inn: | 0.4 | 0.3 | 0.3 |
| Edwards: | 0.1 | 0.1 | 0.1 |
| Hollinger Office: | 1.3 | 0.6 | 1.0 |
| Hollinger West: | 0.3 | 0.2 | 0.3 |
| Imerys: | 0.7 | 0.6 | 1.1 |
| Noah: | 0.7 | 0.5 | 1.0 |
| Moneta Pumping Station | 0.5 | 0.2 | 0.7 |
| Sandy: | 0.5 | 0.2 | 0.4 |
| Water Tower: | 0.5 | 0.2 | 0.6 |
| Wilson: | 0.8 | 0.4 | 0.8 |

