

Hollinger Public Blast Report

Blast Pattern: 3256_205PS
Date: 5-Apr-22
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 9,842 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 19
Wind Direction: SE
Temperature: 6.3 °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: | 52.1 LAeq | 99.8 dB |
| Edwards: | 48.9 LAeq | 103.4 dB |
| Fred: | 42.6 LAeq | 109.0 dB |
| Hollinger Office: | 54.9 LAeq | 107.0 dB |
| Noah: | 57.7 LAeq | 102.2 dB |
| Sandy: | 45.7 LAeq | 100.2 dB |
| Water Tower: | 49.3 LAeq | 107.5 dB |
| Wilson: | 51.7 LAeq | 107.0 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|-----------|----------|----------|---------|
| Claimpost: | 10.6 | 11.0 | 8.7 | 9.7 |
| Edwards: | 4.2 | 6.0 | 13.9 | 15.4 |
| Hollinger Office: | 7.4 | 8.3 | 12.5 | 13.5 |
| Sandy: | 5.5 | 10.2 | 12.9 | 19.2 |

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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: | 1.0 | 2.6 |
| Edwards: | 0.7 | 1.7 |
| Hollinger Office: | 3.6 | 6.3 |
| Sandy: | 1.6 | 2.5 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.5 | 0.4 | 0.1 |
| Edwards: | 0.1 | 0.1 | 0.1 |
| Hollinger Office: | 0.6 | 0.5 | 0.4 |
| Hollinger West: | 1.2 | 0.8 | 0.7 |
| Imerys: | 0.7 | 0.7 | 0.5 |
| Noah: | 2.1 | 0.7 | 1.7 |
| Moneta Pumping Station: | 0.5 | 0.3 | 0.5 |
| Sandy: | 1.2 | 0.8 | 0.9 |
| Water Tower: | 1.7 | 2.7 | 1.9 |
| Wilson: | 2.2 | 0.9 | 1.7 |

