

Hollinger Public Blast Report

Blast Pattern: 3268_064
Date: 19-Aug-23
Blast Time: 11:31
Blast Sign Activation: 7:26
Website Notification Time: 7:21

Blast Conditions

| | | |
|------------------------|--------|--------|
| Ceiling Height: | 21,981 | ft |
| Boundary Layer Height: | N/A | m |
| Cloud Cover: | 75% | Cloudy |
| Wind Speed: | 7 | km/h |
| Wind Direction: | SW | |
| Temperature: | 21.1 | °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: | 55.0 LAeq | 110.0 dB |
| Edwards: | - LAeq | - dB |
| Fred: | 41.9 LAeq | 101.8 dB |
| Hollinger Office: | 54.9 LAeq | 105.2 dB |
| Noah: | - LAeq | - dB |
| Sandy: | - LAeq | - dB |
| Water Tower: | 46.3 LAeq | 106.0 dB |
| Wilson: | 46.0 LAeq | 100.0 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 52.2 | 53.0 | 2.4 | 2.8 |
| Edwards: | 24.5 | 26.9 | 112.6 | 116.6 |
| Hollinger Office: | 37.9 | 40.1 | 137.6 | 148.5 |
| Sandy: | 23.3 | 24.6 | 85.3 | 87.3 |

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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: | 0.1 | 0.4 |
| Edwards: | 3.2 | 4.5 |
| Hollinger Office: | 3.4 | 6.3 |
| Sandy: | 0.8 | 0.9 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|------------------------|-----------|----------|----------|
| Comfort Inn: | 0.5 | 0.2 | 0.2 |
| Edwards: | 0.1 | 0.2 | 0.1 |
| Hollinger Office: | 0.5 | 0.3 | 0.6 |
| Hollinger West: | 0.3 | 0.1 | 0.3 |
| Imerys: | 0.7 | 0.4 | 0.6 |
| Noah: | 0.8 | 0.4 | 0.8 |
| Moneta Pumping Station | 2.1 | 0.5 | 2.4 |
| Sandy: | 0.0 | 0.5 | 0.5 |
| Water Tower: | 0.5 | 0.2 | 0.5 |
| Wilson: | 1.0 | 0.7 | 1.0 |

