

Hollinger Public Blast Report



Blast Pattern: 3346_183E P/S, 3328_030/031
Date: 13-Aug-19
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3500 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 13 km/hr
Wind Direction: NW
Temperature: 16 °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: | 54.4 LAeq | 114.3 dB |
| Edwards: | 54.3 LAeq | 108.1 dB |
| Fred: | 42.9 LAeq | 99.4 dB |
| Hollinger Office: | 56.7 LAeq | 105.7 dB |
| Noah: | 61.3 LAeq | 104.0 dB |
| Sandy: | 44.1 LAeq | 109.4 dB |
| Water Tower: | 48.2 LAeq | 115.3 dB |
| Wilson: | 51.6 LAeq | 106.4 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 4.9 | 5.2 | | |
| Edwards: | 4.7 | 6.4 | 6.0 | 13.2 |
| Hollinger Office: | 7.8 | 9.3 | 7.4 | 25.3 |
| Sandy: | 10.0 | 32.8 | | |

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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: | 0.0 | 0.3 |
| Edwards: | 1.7 | 3.8 |
| Hollinger Office: | 1.7 | 3.4 |
| Sandy: | 0.0 | 0.0 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.8 | 0.4 | 0.6 |
| Edwards: | 0.1 | 0.0 | 0.1 |
| Hollinger Office: | 0.7 | 0.4 | 0.6 |
| Hollinger West: | 1.9 | 1.4 | 1.9 |
| Imerys: | 1.9 | 2.4 | 2.9 |
| Noah: | 1.7 | 1.4 | 1.7 |
| Moneta Pumping Station: | 0.5 | 0.3 | 0.3 |
| Sandy: | 1.0 | 0.5 | 0.6 |
| Water Tower: | 6.2 | 4.8 | 6.5 |
| Wilson: | 2.3 | 1.8 | 2.4 |