

Hollinger Public Blast Report



Blast Pattern: 3346_171
Date: 17-Jun-19
Blast Time: 15:44
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 9 km/hr
Wind Direction: NW
Temperature: 22.8 °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: | 54.7 LAeq | 110.7 dB |
| Edwards: | 48.2 LAeq | 98.5 dB |
| Fred: | 44.3 LAeq | 101.6 dB |
| Hollinger Office: | 56.4 LAeq | 111.0 dB |
| Noah: | 61.0 LAeq | 103.4 dB |
| Sandy: | 44.9 LAeq | 100.1 dB |
| Water Tower: | 47.8 LAeq | 108.4 dB |
| Wilson: | 47.3 LAeq | 103.5 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 10.2 | 10.8 | 7.4 | 8.5 |
| Edwards: | 9.4 | 10.8 | 8.9 | 12.1 |
| Hollinger Office: | 17.2 | 18.8 | 13.5 | 18.1 |
| Sandy: | 8.4 | 19.1 | 12.1 | 30.3 |

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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: | 0.8 | 1.5 |
| Hollinger Office: | 1.6 | 4.4 |
| Sandy: | 2.9 | 6.3 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 2.6 | 0.9 | 1.4 |
| Edwards: | 0.3 | 0.2 | 0.3 |
| Hollinger Office: | 0.5 | 0.3 | 0.3 |
| Hollinger West: | 0.2 | 0.3 | 0.3 |
| Imerys: | 0.3 | 0.2 | 0.4 |
| Noah: | 0.6 | 0.5 | 0.4 |
| Moneta Pumping Station: | 0.3 | 0.1 | 0.3 |
| Sandy: | 0.2 | 0.1 | 0.2 |
| Water Tower: | 0.3 | 0.1 | 0.3 |
| Wilson: | 0.7 | 0.3 | 0.6 |