

Hollinger Public Blast Report



Blast Pattern: 3334_096
Date: 9-Oct-19
Blast Time: 11:48
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 10000 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 17 km/hr
Wind Direction: S
Temperature: 14.1 °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: | 54.8 LAeq | 109.6 dB |
| Edwards: | 49.4 LAeq | 104.2 dB |
| Fred: | 45.4 LAeq | 101.9 dB |
| Hollinger Office: | 56.3 LAeq | 118.3 dB |
| Noah: | 69.0 LAeq | 112.5 dB |
| Sandy: | 47.4 LAeq | 101.8 dB |
| Water Tower: | 51.8 LAeq | 115.5 dB |
| Wilson: | 50.5 LAeq | 102.0 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 25.7 | 26.3 | 2.9 | 4.1 |
| Edwards: | 7.6 | 8.0 | 11.5 | 12.5 |
| Hollinger Office: | 7.5 | 9.6 | 11.5 | 14.6 |
| Sandy: | 7.0 | 7.8 | 11.6 | 13.3 |

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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: | 1.4 | 4.3 |
| Edwards: | 1.8 | 3.0 |
| Hollinger Office: | 4.3 | 7.3 |
| Sandy: | 1.6 | 2.0 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 1.0 | 0.3 | 0.7 |
| Edwards: | 0.2 | 0.1 | 0.2 |
| Hollinger Office: | 1.1 | 0.4 | 0.5 |
| Hollinger West: | 0.1 | 0.1 | 0.1 |
| Imerys: | 0.4 | 0.3 | 0.5 |
| Noah: | 4.1 | 3.9 | 6.4 |
| Moneta Pumping Station: | 0.2 | 0.3 | 0.2 |
| Sandy: | 0.2 | 0.1 | 0.2 |
| Water Tower: | 0.2 | 0.1 | 0.2 |
| Wilson: | 0.5 | 0.3 | 0.7 |