

Hollinger Public Blast Report



Blast Pattern: 3328_052
Date: 19-Sep-19
Blast Time: 11:46
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

| | | |
|------------------------|-------|----------|
| Ceiling Height: | 10000 | ft |
| Boundary Layer Height: | n/a | m |
| Cloud Cover: | 100% | Overcast |
| Wind Speed: | 10 | km/hr |
| Wind Direction: | SW | |
| Temperature: | 21.4 | °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: | 56.4 LAeq | 109.9 dB |
| Edwards: | 54.5 LAeq | 112.4 dB |
| Fred: | 49.1 LAeq | 110.8 dB |
| Hollinger Office: | 58.9 LAeq | 122.9 dB |
| Noah: | 67.1 LAeq | 114.7 dB |
| Sandy: | 52.6 LAeq | 114.7 dB |
| Water Tower: | 61.3 LAeq | 117.0 dB |
| Wilson: | 53.5 LAeq | 110.7 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 28.6 | 29.8 | 15.7 | 18.1 |
| Edwards: | 7.1 | 9.2 | 24.1 | 30.8 |
| Hollinger Office: | 16.8 | 38.3 | 34.9 | 108.6 |
| Sandy: | 11.6 | 18.9 | 26.2 | 41.7 |

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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 | 2.1 |
| Edwards: | 0.0 | 0.0 |
| Hollinger Office: | 4.6 | 7.8 |
| Sandy: | 1.5 | 1.7 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.0 | 0.0 | 0.0 |
| Edwards: | 0.1 | 0.0 | 0.1 |
| Hollinger Office: | 0.2 | 0.2 | 0.2 |
| Hollinger West: | 1.7 | 2.7 | 1.8 |
| Imerys: | 0.7 | 1.6 | 1.4 |
| Noah: | 1.3 | 1.2 | 1.3 |
| Moneta Pumping Station: | 0.3 | 0.2 | 0.5 |
| Sandy: | 0.5 | 0.3 | 0.5 |
| Water Tower: | 1.7 | 2.0 | 2.4 |
| Wilson: | 1.5 | 1.3 | 1.9 |