

Hollinger Public Blast Report



Blast Pattern: 3328_057
Date: 2-Oct-19
Blast Time: 11:42
Blast Sign Activation: 9:08
Website Notification Time: 8:54

Blast Conditions

Ceiling Height: 328 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Rain
Wind Speed: 15 km/hr
Wind Direction: N
Temperature: 3.7 °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: | 58.6 LAeq | 104.8 dB |
| Edwards: | 51.2 LAeq | 99.6 dB |
| Fred: | 45.9 LAeq | 104.3 dB |
| Hollinger Office: | 58.6 LAeq | 109.6 dB |
| Noah: | 65.2 LAeq | 106.6 dB |
| Sandy: | 46.3 LAeq | 106.9 dB |
| Water Tower: | 52.6 LAeq | 105.8 dB |
| Wilson: | 48.9 LAeq | 107.1 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 20.1 | 20.2 | | |
| Edwards: | 2.4 | 2.5 | 4.4 | 5.1 |
| Hollinger Office: | 3.3 | 5.6 | 5.7 | 10.1 |
| Sandy: | 7.9 | 26.5 | 9.3 | 36.4 |

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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: | 0.2 | 0.5 |
| Edwards: | 1.4 | 2.2 |
| Hollinger Office: | 6.8 | 14.2 |
| Sandy: | 3.5 | 4.5 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.3 | 0.2 | 0.3 |
| Edwards: | 0.1 | 0.1 | 0.2 |
| Hollinger Office: | 0.7 | 0.3 | 0.7 |
| Hollinger West: | 0.4 | 0.2 | 0.5 |
| Imerys: | 0.6 | 0.5 | 0.7 |
| Noah: | 0.7 | 0.7 | 1.0 |
| Moneta Pumping Station: | 1.5 | 0.6 | 1.0 |
| Sandy: | 2.9 | 1.6 | 3.0 |
| Water Tower: | 0.8 | 0.6 | 1.1 |
| Wilson: | 1.5 | 1.4 | 1.9 |