

Hollinger Public Blast Report

Blast Pattern: 3328_105
Date: 11-Jun-20
Blast Time: 11:40
Blast Sign Activation: 7:00
Website Notification Time: 6:53

Blast Conditions

Ceiling Height: 1640 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Rain
Wind Speed: 22 km/hr
Wind Direction: W
Temperature: 8.4 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extencicare

| | L_{Aeq} | L_{peak} dB |
|-------------------|------------------------|----------------------------|
| Comfort Inn: | 60.6 LAeq | 117.9 dB |
| Edwards: | 56.2 LAeq | 118.5 dB |
| Fred: | 51.7 LAeq | 113.9 dB |
| Hollinger Office: | 58.5 LAeq | 117.1 dB |
| Noah: | 64.4 LAeq | 114.7 dB |
| Sandy: | 53.8 LAeq | 115.9 dB |
| Water Tower: | 53.9 LAeq | 119.5 dB |
| Wilson: | 53.9 LAeq | 117.1 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 9.8 | 10.8 | 19.5 | 20.1 |
| Edwards: | 25.8 | 29.4 | 7.2 | 8.2 |
| Hollinger Office: | 5.1 | 5.7 | 9.0 | 10.9 |
| Sandy: | 1.9 | 2.2 | 4.6 | 5.7 |

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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: | 0.7 | 1.8 |
| Edwards: | 1.7 | 3.1 |
| Hollinger Office: | 1.1 | 1.5 |
| Sandy: | 0.7 | 1.2 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.5 | 0.3 | 0.5 |
| Edwards: | 0.3 | 0.1 | 0.3 |
| Hollinger Office: | 3.4 | 0.8 | 2.7 |
| Hollinger West: | 0.2 | 0.1 | 0.2 |
| Imerys: | 0.6 | 0.3 | 0.9 |
| Noah: | 0.9 | 0.5 | 0.8 |
| Moneta Pumping Station: | 0.1 | 0.1 | 0.2 |
| Sandy: | 0.1 | 0.1 | 0.2 |
| Water Tower: | 0.5 | 0.2 | 0.4 |
| Wilson: | 0.6 | 0.4 | 0.5 |