

Hollinger Public Blast Report

Blast Pattern: 3322_028
Date: 15-May-20
Blast Time: 11:36
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 656 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 7 km/hr
Wind Direction: W
Temperature: 7.4 °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: | 55.3 LAeq | 106.2 dB |
| Edwards: | 55.3 LAeq | 101.3 dB |
| Fred: | 45.3 LAeq | 89.7 dB |
| Hollinger Office: | 54.8 LAeq | 108.5 dB |
| Noah: | 60.7 LAeq | 108.6 dB |
| Sandy: | 45.1 LAeq | 108.4 dB |
| Water Tower: | 48.1 LAeq | 118.5 dB |
| Wilson: | 51.0 LAeq | 102.5 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 13.4 | 15.5 | 16.3 | 20.0 |
| Edwards: | 8.5 | 9.9 | 18.8 | 23.9 |
| Hollinger Office: | 10.9 | 12.2 | 27.5 | 36.4 |
| Sandy: | 8.3 | 11.7 | 16.3 | 28.6 |

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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: | 1.6 | 2.0 |
| Edwards: | 4.9 | 10.0 |
| Hollinger Office: | 6.0 | 12.5 |
| Sandy: | 3.3 | 4.6 |

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: | 0.0 | 0.0 | 0.1 |
| Hollinger Office: | 0.2 | 0.2 | 0.3 |
| Hollinger West: | 2.8 | 2.1 | 3.4 |
| Imerys: | 0.8 | 0.8 | 0.8 |
| Noah: | 0.5 | 0.6 | 0.6 |
| Moneta Pumping Station: | 0.3 | 0.2 | 0.3 |
| Sandy: | 0.7 | 0.3 | 0.7 |
| Water Tower: | 1.1 | 1.1 | 1.5 |
| Wilson: | 1.9 | 1.5 | 2.1 |