

Hollinger Public Blast Report

Blast Pattern: 3316_024
Date: 2-Aug-20
Blast Time: 15:34
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1801 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 18 km/hr
Wind Direction: N
Temperature: 13.5 °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: | 56.5 LAeq | 96.2 dB |
| Edwards: | 50.2 LAeq | 101.6 dB |
| Fred: | 48.7 LAeq | 105.1 dB |
| Hollinger Office: | 55.5 LAeq | 110.1 dB |
| Noah: | 60.1 LAeq | 107.0 dB |
| Sandy: | 50.3 LAeq | 116.6 dB |
| Water Tower: | 49.6 LAeq | 112.4 dB |
| Wilson: | 48.9 LAeq | 110.0 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 12.8 | 13.8 | 10.2 | 11.4 |
| Edwards: | 4.6 | 5.8 | 19.8 | 21.4 |
| Hollinger Office: | 6.5 | 7.0 | 17.7 | 20.6 |
| Sandy: | 5.6 | 7.0 | 9.4 | 12.3 |

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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: | 0.0 | 0.0 |
| Edwards: | 0.5 | 0.8 |
| Hollinger Office: | 1.5 | 2.5 |
| Sandy: | 4.3 | 10.3 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.2 | 0.1 | 0.1 |
| Edwards: | 0.1 | 0.1 | 0.1 |
| Hollinger Office: | 0.6 | 0.3 | 0.5 |
| Hollinger West: | 0.7 | 0.4 | 0.7 |
| Imerys: | 1.3 | 0.7 | 1.8 |
| Noah: | 1.3 | 1.4 | 1.1 |
| Moneta Pumping Station: | 0.4 | 0.6 | 0.5 |
| Sandy: | 1.4 | 0.6 | 0.9 |
| Water Tower: | 1.7 | 0.7 | 2.9 |
| Wilson: | 1.8 | 1.8 | 2.3 |