

Hollinger Public Blast Report

Blast Pattern: 3322_035
Date: 1-Jul-20
Blast Time: 11:50
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 25000 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 9 km/hr
Wind Direction: S
Temperature: 30.2 °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: | 54.3 LAeq | 98.4 dB |
| Edwards: | 46.7 LAeq | 91.6 dB |
| Fred: | 47.3 LAeq | 89.3 dB |
| Hollinger Office: | 55.0 LAeq | 99.4 dB |
| Noah: | 59.9 LAeq | 95.7 dB |
| Sandy: | 46.7 LAeq | 104.7 dB |
| Water Tower: | 47.8 LAeq | 104.5 dB |
| Wilson: | 53.0 LAeq | 100.1 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 25.9 | 26.7 | 36.3 | 40.0 |
| Edwards: | 12.3 | 14.7 | 33.5 | 37.3 |
| Hollinger Office: | 19.0 | 20.1 | 42.5 | 45.4 |
| Sandy: | 10.0 | 12.0 | 23.4 | 24.9 |

Hollinger Public Blast Report



NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

| | Avg. NO _x | Max NO _x |
|-------------------|----------------------|---------------------|
| Claimpost: | 1.7 | 3.9 |
| Edwards: | 0.0 | 0.0 |
| Hollinger Office: | 2.1 | 3.9 |
| Sandy: | 0.0 | 0.0 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.1 | 0.1 | 0.1 |
| Edwards: | 0.0 | 0.0 | 0.0 |
| Hollinger Office: | 0.7 | 0.4 | 0.4 |
| Hollinger West: | 0.8 | 0.3 | 0.5 |
| Imerys: | 0.9 | 1.2 | 1.1 |
| Noah: | 0.7 | 0.6 | 0.6 |
| Moneta Pumping Station: | 0.2 | 0.2 | 0.2 |
| Sandy: | 0.7 | 0.3 | 0.4 |
| Water Tower: | 3.1 | 1.6 | 3.7 |
| Wilson: | 0.5 | 0.4 | 0.5 |