

Hollinger Public Blast Report

Blast Pattern: 3292_022
Date: 20-Jul-21
Blast Time: 15:32
Blast Sign Activation: 7:33
Website Notification Time: 7:09

Blast Conditions

Ceiling Height: 29,855 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 11
Wind Direction: N
Temperature: 19.4 °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: | 58.6 LAeq | 107.9 dB |
| Edwards: | 52.4 LAeq | 106.5 dB |
| Fred: | 48.4 LAeq | 105.2 dB |
| Hollinger Office: | 64.1 LAeq | 110.0 dB |
| Noah: | 62.4 LAeq | 108.8 dB |
| Sandy: | 51.9 LAeq | 112.6 dB |
| Water Tower: | 53.2 LAeq | 110.2 dB |
| Wilson: | 50.5 LAeq | 111.2 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 4.1 | 5.0 | 1.0 | 2.7 |
| Edwards: | 2.1 | 3.4 | 6.6 | 11.9 |
| Hollinger Office: | 6.1 | 6.7 | 16.4 | 20.2 |
| Sandy: | 3.2 | 6.3 | 8.6 | 17.0 |

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: | 0.0 | 0.1 |
| Edwards: | 0.1 | 0.2 |
| Hollinger Office: | 1.2 | 2.0 |
| Sandy: | 1.5 | 5.7 |

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 | 0.1 |
| Hollinger Office: | 0.6 | 0.3 | 0.5 |
| Hollinger West: | 0.6 | 0.3 | 0.6 |
| Imerys: | 1.1 | 1.5 | 1.1 |
| Noah: | 0.7 | 0.6 | 0.5 |
| Moneta Pumping Station: | 0.3 | 0.1 | 0.3 |
| Sandy: | 0.7 | 0.2 | 0.4 |
| Water Tower: | 3.3 | 1.6 | 3.5 |
| Wilson: | 0.6 | 0.6 | 0.6 |