

Hollinger Public Blast Report

Blast Pattern: 3280_006
Date: 24-Nov-21
Blast Time: 13:41
Blast Sign Activation: 7:24
Website Notification Time: 7:13

Blast Conditions

Ceiling Height: 2,297 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 100% Overcast
 Wind Speed: 11
 Wind Direction: S
 Temperature: 1.5 °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: | 52.8 LAeq | 109.7 dB |
| Edwards: | 52.2 LAeq | 97.1 dB |
| Fred: | 46.2 LAeq | 91.2 dB |
| Hollinger Office: | 58.0 LAeq | 114.8 dB |
| Noah: | 60.4 LAeq | 102.1 dB |
| Sandy: | 48.2 LAeq | 110.5 dB |
| Water Tower: | 50.8 LAeq | 109.6 dB |
| Wilson: | 51.8 LAeq | 99.4 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|-----------|----------|----------|---------|
| Claimpost: | 12.0 | 13.2 | 10.2 | 11.3 |
| Edwards: | 18.0 | 18.9 | 17.2 | 18.9 |
| Hollinger Office: | 9.7 | 10.4 | 13.2 | 23.2 |
| Sandy: | 7.1 | 7.9 | 8.1 | 13.5 |

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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: | 13.5 | 35.3 |
| Edwards: | 26.4 | 29.7 |
| Hollinger Office: | 9.0 | 18.5 |
| Sandy: | 2.4 | 4.1 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.7 | 0.6 | 1.0 |
| Edwards: | 0.2 | 0.2 | 0.2 |
| Hollinger Office: | 1.3 | 0.7 | 2.2 |
| Hollinger West: | 0.2 | 0.2 | 0.1 |
| Imerys: | 0.5 | 0.4 | 0.9 |
| Noah: | 1.1 | 0.7 | 0.9 |
| Moneta Pumping Station: | 0.2 | 0.1 | 0.2 |
| Sandy: | 0.3 | 0.1 | 0.3 |
| Water Tower: | 0.5 | 0.2 | 0.3 |
| Wilson: | 1.2 | 0.5 | 0.9 |