

Hollinger Public Blast Report

Blast Pattern: 3310_107
Date: 18-May-22
Blast Time: 11:36
Blast Sign Activation: 7:28
Website Notification Time: 7:20

Blast Conditions

| | | |
|------------------------|--------|------------------|
| Ceiling Height: | 13,123 | ft |
| Boundary Layer Height: | n/a | m |
| Cloud Cover: | 50% | Partially Cloudy |
| Wind Speed: | 15 | |
| Wind Direction: | W | |
| Temperature: | 15.1 | °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: | 56.3 LAeq | 109.8 dB |
| Edwards: | 50.2 LAeq | 105.0 dB |
| Fred: | 45.6 LAeq | 106.2 dB |
| Hollinger Office: | 57.0 LAeq | 118.1 dB |
| Noah: | 61.7 LAeq | 106.5 dB |
| Sandy: | LAeq | dB |
| Water Tower: | 52.8 LAeq | 113.9 dB |
| Wilson: | 48.6 LAeq | 106.8 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|-----------|----------|----------|---------|
| Claimpost: | 16.5 | 19.0 | 22.6 | 26.1 |
| Edwards: | 12.4 | 18.9 | 20.5 | 34.3 |
| Hollinger Office: | 27.5 | 41.3 | 37.7 | 62.5 |
| Sandy: | 9.7 | 11.1 | 11.7 | 13.7 |

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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: | 1.9 | 3.7 |
| Edwards: | 2.4 | 3.7 |
| Hollinger Office: | 6.0 | 10.8 |
| Sandy: | 0.4 | 0.7 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.3 | 0.2 | 0.5 |
| Edwards: | 0.3 | 0.2 | 0.2 |
| Hollinger Office: | 0.3 | 0.1 | 0.3 |
| Hollinger West: | 0.5 | 0.1 | 0.3 |
| Imerys: | 0.3 | 0.2 | 0.3 |
| Noah: | 0.7 | 1.7 | 0.6 |
| Moneta Pumping Station: | 0.6 | 0.5 | 0.7 |
| Sandy: | 0.7 | 0.3 | 0.8 |
| Water Tower: | 0.3 | 0.3 | 0.5 |
| Wilson: | 0.8 | 0.6 | 0.7 |

