

Hollinger Public Blast Report

Blast Pattern: 3286_078WS
Date: 20-May-23
Blast Time: 11:37
Blast Sign Activation: 7:30
Website Notification Time: 8:00

Blast Conditions

| | | |
|------------------------|------|--------|
| Ceiling Height: | 328 | ft |
| Boundary Layer Height: | n/a | m |
| Cloud Cover: | 75% | Cloudy |
| Wind Speed: | 4 | km/h |
| Wind Direction: | N | |
| Temperature: | 10.2 | °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: | 54.8 LAeq | 101.6 dB |
| Edwards: | 45.2 LAeq | 94.1 dB |
| Fred: | 44.0 LAeq | 93.3 dB |
| Hollinger Office: | 55.2 LAeq | 105.4 dB |
| Noah: | 59.5 LAeq | dB |
| Sandy: | 40.8 LAeq | 95.8 dB |
| Water Tower: | 46.9 LAeq | 101.2 dB |
| Wilson: | 43.3 LAeq | 97.7 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|-----------|----------|----------|---------|
| Claimpost: | 18.8 | 19.8 | 17.0 | 18.2 |
| Edwards: | 7.2 | 7.9 | 0.0 | 0.0 |
| Hollinger Office: | 11.5 | 12.8 | 44.4 | 56.9 |
| Sandy: | 10.0 | 12.6 | 24.5 | 31.6 |

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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: | 0.1 | 0.5 |
| Edwards: | 0.6 | 1.2 |
| Hollinger Office: | 0.5 | 0.8 |
| Sandy: | 6.4 | 16.7 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|------------------------|-----------|----------|----------|
| Comfort Inn: | 0.2 | 0.1 | 0.2 |
| Edwards: | 0.1 | 0.0 | 0.1 |
| Hollinger Office: | 2.9 | 1.2 | 2.8 |
| Hollinger West: | 0.5 | 0.2 | 0.5 |
| Imerys: | 1.3 | 0.9 | 1.7 |
| Noah: | 1.2 | 0.8 | 1.3 |
| Moneta Pumping Station | 0.2 | 0.1 | 0.3 |
| Sandy: | 0.3 | 0.1 | 0.3 |
| Water Tower: | | | |
| Wilson: | 0.5 | 0.5 | 0.5 |

