

Hollinger Public Blast Report

Blast Pattern: 3280_006
Date: 23-Nov-21
Blast Time: 11:32
Blast Sign Activation: 7:23
Website Notification Time: 7:17

Blast Conditions

Ceiling Height: 984 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 100% Overcast
 Wind Speed: 9
 Wind Direction: S
 Temperature: -7.4 °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: | 50.1 LAeq | 113.1 dB |
| Edwards: | LAeq | dB |
| Fred: | 35.3 LAeq | 97.2 dB |
| Hollinger Office: | 54.3 LAeq | 113.0 dB |
| Noah: | 59.0 LAeq | 101.6 dB |
| Sandy: | 42.3 LAeq | 107.5 dB |
| Water Tower: | 47.7 LAeq | 107.1 dB |
| Wilson: | 47.5 LAeq | 102.6 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|-----------|----------|----------|---------|
| Claimpost: | 5.1 | 5.5 | 4.4 | 4.9 |
| Edwards: | 11.8 | 12.6 | 8.8 | 11.1 |
| Hollinger Office: | 14.3 | 20.5 | 7.5 | 11.3 |
| Sandy: | 6.1 | 6.6 | 4.7 | 5.2 |

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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: | 0.9 | 3.1 |
| Edwards: | 18.0 | 28.9 |
| Hollinger Office: | 10.7 | 14.5 |
| Sandy: | 1.1 | 1.6 |

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: | 0.1 | 0.1 | 0.1 |
| Hollinger Office: | 0.3 | 0.2 | 0.4 |
| Hollinger West: | 1.3 | 0.4 | 1.2 |
| Imerys: | 0.5 | 0.6 | 0.6 |
| Noah: | 1.2 | 1.0 | 0.6 |
| Moneta Pumping Station: | 1.0 | 0.4 | 0.7 |
| Sandy: | 2.6 | 2.4 | 2.1 |
| Water Tower: | 1.7 | 0.8 | 1.9 |
| Wilson: | 1.6 | 1.3 | 1.2 |