

Hollinger Public Blast Report

Blast Pattern: 3322_075
Date: 27-Oct-20
Blast Time: 15:49
Blast Sign Activation: 7:55
Website Notification Time: 7:40

Blast Conditions

Ceiling Height: 5249 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 24 km/hr
Wind Direction: S
Temperature: -0.1 °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: | 54.5 LAeq | 108.2 dB |
| Edwards: | 49.7 LAeq | 106.6 dB |
| Fred: | 43.9 LAeq | 105.8 dB |
| Hollinger Office: | 56.1 LAeq | 117.8 dB |
| Noah: | 64.2 LAeq | 112.8 dB |
| Sandy: | 49.7 LAeq | 109.6 dB |
| Water Tower: | 54.7 LAeq | 116.2 dB |
| Wilson: | 53.7 LAeq | 108.2 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 7.1 | 7.4 | 2.3 | 3.2 |
| Edwards: | 0.0 | 0.0 | 2.4 | 2.7 |
| Hollinger Office: | 6.1 | 8.5 | 6.1 | 10.3 |
| Sandy: | 2.3 | 2.7 | 3.3 | 3.7 |

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: | 0.9 | 2.0 |
| Edwards: | 0.4 | 1.4 |
| Hollinger Office: | 1.8 | 4.1 |
| Sandy: | 0.9 | 1.1 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.5 | 0.3 | 0.5 |
| Edwards: | 0.1 | 0.1 | 0.1 |
| Hollinger Office: | 1.9 | 0.5 | 2.0 |
| Hollinger West: | 0.3 | 0.1 | 0.3 |
| Imerys: | 1.0 | 0.5 | 0.9 |
| Noah: | 0.9 | 1.0 | 1.1 |
| Moneta Pumping Station: | 0.2 | 0.3 | 0.2 |
| Sandy: | 0.3 | 0.3 | 0.3 |
| Water Tower: | 0.5 | 0.2 | 0.6 |
| Wilson: | 0.8 | 0.6 | 0.8 |