

Hollinger Public Blast Report

Blast Pattern: 3352_052
Date: 22-Jun-17
Blast Time: 15:42
Blast Sign Activation: 8:21
Website Notification Time: 8:06

Blast Conditions

Ceiling Height: 1981 m
Boundary Layer Height: none m
Cloud Cover: 75% Cloudy
Wind Speed: 13.1 km/hr
Wind Direction: N
Temperature: 22 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert: Exceedances due to blast siren

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

| | L_{aeq} | L_{peak} dB |
|-------------------|------------------------|----------------------------|
| Comfort Inn: | 54.9 LAeq | 107.0 dB |
| Edwards: | 49.4 LAeq | 107.3 dB |
| Fred: | 46.7 LAeq | 105.0 dB |
| Hollinger Office: | 54.7 LAeq | 110.0 dB |
| Noah: | 60.9 LAeq | 111.3 dB |
| Sandy: | 50.9 LAeq | 110.2 dB |
| Water Tower: | 53.1 LAeq | 118.3 dB |
| Wilson: | 52.5 LAeq | 108.5 dB |

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

Dust Alert: No exceedances recorded.

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 5.3 | 6.9 | 13.6 | 15.9 |
| Edwards: | 2.1 | 2.9 | 11.5 | 13.0 |
| Hollinger Office: | 15.2 | 25.4 | 24.5 | 39.6 |
| Sandy: | 6.7 | 9.7 | 14.2 | 19.8 |

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PORCUPINE GOLD MINES

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

| | Avg. NO _x | Max NO _x |
|-------------------|----------------------|---------------------|
| Claimpost: | 0.0 | 0.0 |
| Edwards: | 2.0 | 2.8 |
| Hollinger Office: | 5.6 | 20.5 |
| Sandy: | 1.1 | 1.9 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.2 | 0.1 | 0.3 |
| Edwards: | 0.4 | 0.2 | 0.3 |
| Hollinger Office: | 0.2 | 0.1 | 0.2 |
| Hollinger West: | 0.2 | 0.1 | 0.1 |
| Imerys: | 0.3 | 0.4 | 0.4 |
| Noah: | 0.3 | 0.4 | 0.4 |
| Moneta Pumping Station: | 0.6 | 0.6 | 0.8 |
| Sandy: | 0.5 | 0.4 | 0.4 |
| Water Tower: | 0.2 | 0.1 | 0.2 |
| Wilson: | 0.4 | 0.4 | 0.6 |