

Hollinger Public Blast Report

Blast Pattern: 3364_228
Date: 31-Jan-18
Blast Time: 11:32
Blast Sign Activation: 7:36
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 1100 ft
Boundary Layer Height: none m
Cloud Cover: 100% Overcast (Snow)
Wind Speed: 24 km/hr
Wind Direction: SE
Temperature: -13.4 °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: | 52.5 LAeq | 105.6 dB |
| Edwards: | 44.0 LAeq | 107.1 dB |
| Fred: | 43.6 LAeq | 105.9 dB |
| Hollinger Office: | 69.0 LAeq | 114.2 dB |
| Noah: | 57.2 LAeq | 107.6 dB |
| Sandy: | 47.7 LAeq | 113.7 dB |
| Water Tower: | 54.5 LAeq | 114.7 dB |
| Wilson: | 51.7 LAeq | 111.8 dB |

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

Dust Alert: No Exceedances recorded at 24hr.

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 6.2 | 7.4 | 5.3 | 7.8 |
| Edwards: | 7.8 | 11.1 | 5.8 | 7.0 |
| Hollinger Office: | 16.9 | 23.9 | 29.6 | 54.7 |
| Sandy: | 5.7 | 6.9 | 7.0 | 8.9 |

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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: | 1.8 | 4.3 |
| Edwards: | 1.7 | 3.1 |
| Hollinger Office: | 29.2 | 77.0 |
| Sandy: | 3.4 | 3.9 |

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 | 0.2 | 0.1 |
| Hollinger Office: | 0.1 | 0.4 | 0.2 |
| Hollinger West: | 0.6 | 0.6 | 0.3 |
| Imerys: | 0.2 | 0.3 | 0.2 |
| Noah: | 0.4 | 0.5 | 0.4 |
| Moneta Pumping Station: | 0.8 | 0.6 | 0.7 |
| Sandy: | 4.9 | 3.0 | 3.2 |
| Water Tower: | 0.4 | 0.4 | 0.4 |
| Wilson: | 1.7 | 1.7 | 1.4 |