

Hollinger Public Blast Report

Blast Pattern: 3340_016
Date: 17-May-18
Blast Time: 11:44
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: none m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 20 km/hr
Wind Direction: N
Temperature: 7 °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: | 55.1 LAeq | 101.8 | dB |
| Edwards: | 47.8 LAeq | 102.5 | dB |
| Fred: | 45.0 LAeq | 105.4 | dB |
| Hollinger Office: | 59.4 LAeq | 107.1 | dB |
| Noah: | 62.7 LAeq | 105.2 | dB |
| Sandy: | 41.6 LAeq | 108.5 | dB |
| Water Tower: | 49.7 LAeq | 112.4 | dB |
| Wilson: | 47.2 LAeq | 108.0 | 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: | 7.1 | 7.5 | 7.7 | 8.3 |
| Edwards: | 8.2 | 9.4 | 8.0 | 11.0 |
| Hollinger Office: | 15.9 | 21.7 | 20.4 | 37.4 |
| Sandy: | 10.5 | 15.6 | 13.2 | 25.1 |

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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: | 0.1 | 0.3 |
| Edwards: | 0.5 | 1.1 |
| Hollinger Office: | 2.2 | 4.6 |
| Sandy: | 5.3 | 13.4 |

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: | 0.1 | 0.2 | 0.3 |
| Hollinger West: | 2.7 | 1.8 | 2.3 |
| Imerys: | 0.4 | 0.3 | 0.3 |
| Noah: | 0.4 | 0.4 | 0.7 |
| Moneta Pumping Station: | 0.3 | 0.2 | 0.2 |
| Sandy: | 0.6 | 0.5 | 0.5 |
| Water Tower: | 0.6 | 0.4 | 0.6 |
| Wilson: | 1.5 | 1.1 | 1.3 |