

Hollinger Public Blast Report

Blast Pattern: 3382_063
Date: 25-Sep-15
Blast Time: 15:35
Blast Sign Activation: 7:30
Website Notification Time: 6:45

Blast Conditions

Ceiling Height: unlimited m
Boundary Layer Height: None m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 12 km/hr
Wind Direction: E
Temperature: 16.7 °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: Extencicare**

| | L_{Aeq} | L_{peak} dB |
|-------------------|------------------------|----------------------------|
| Comfort Inn: | 56.6 LAeq | 102.1 dB |
| Edwards: | 48.6 LAeq | 96.6 dB |
| Fred: | 43.9 LAeq | 92.2 dB |
| Hollinger Office: | 62.5 LAeq | 105.7 dB |
| Noah: | 60.2 LAeq | 100.9 dB |
| Sandy: | 55.2 LAeq | 100.6 dB |
| Water Tower: | 48.4 LAeq | 105.0 dB |
| Wilson: | 52.3 LAeq | 97.6 dB |

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

Dust Alert: No exceedances recorded.

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 4.8 | 5.7 | 8.2 | 10.9 |
| Edwards: | 2.7 | 3.2 | 5.8 | 8.8 |
| Hollinger Office: | 8.3 | 19.5 | 8.1 | 15.6 |
| Hollinger Park: | 7.6 | 11.0 | 12.9 | 21.8 |
| Sandy: | 6.2 | 16.3 | 6.1 | 18.2 |

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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: | 0.6 | 0.8 |
| Edwards: | 0.5 | 1.2 |
| Hollinger Office: | 2.4 | 4.9 |
| Hollinger Park: | 3.2 | 4.6 |
| Sandy: | 12.1 | 57.8 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.3 | 0.1 | 0.2 |
| Edwards: | 0.1 | 0.2 | 0.1 |
| Hollinger Office: | 0.3 | 0.2 | 0.5 |
| Hollinger West: | 0.2 | 0.1 | 0.1 |
| Imerys: | 0.2 | 0.2 | 0.3 |
| Noah: | 0.4 | 0.3 | 0.3 |
| Moneta Pumping Station: | 0.4 | 0.1 | 0.3 |
| Sandy: | 1.1 | 1.1 | 1.7 |
| Water Tower: | 0.5 | 0.2 | 0.4 |
| Wilson: | 0.5 | 0.4 | 0.4 |