

Hollinger Public Blast Report

Blast Pattern: 3370_011
Date: December 3, 2014
Blast Time: 13:35
Blast Sign Activation: 08:00
Website Notification Time: 08:00

Blast Conditions

Ceiling Height: 560 m
 Boundary Layer Height: None
 Cloud Cover: 100% (Overcast) Snow
 Wind Speed: 7 km/hr
 Wind Direction: W
 Temperature: -15.2°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} |
|-------------------|---|-------------------------|
| Comfort Inn: | 55.1 L _{Aeq} | 110.4 dB |
| Edwards: | 55.8 L _{Aeq} | 91.0 dB |
| Fred: | 46.8 L _{Aeq} | 105.5 dB |
| Hollinger Office: | 59.0 L _{Aeq} | 112.7 dB |
| Noah: | 59.2 L _{Aeq} | 105.1 dB |
| Sandy: | 50.9 L _{Aeq} | 106.9 dB |
| Water Tower: | Off (Due to construction work and painting) | |
| Wilson: | 48.2 L _{Aeq} | 111.1 dB |

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

Dust Alert: No exceedances recorded.

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|------------------|-----------------|-----------------|----------------|
| Claimpost: | 10.9 | 12.5 | 15.1 | 17.1 |
| Edwards: | 8.7 | 12.2 | 14.5 | 25.5 |
| Hollinger Office: | 9.5 | 10.7 | 12.6 | 14.6 |
| Hollinger Park: | 7.7 | 9.0 | 14.8 | 17.7 |
| Sandy: | 6.4 | 10.9 | 15.4 | 31.7 |

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

| | Avg. NO _x | Max NO _x |
|-------------------|----------------------|---------------------|
| Claimpost: | 1.9 | 2.9 |
| Edwards: | 11.8 | 27.8 |
| Hollinger Office: | 7.8 | 11.0 |
| Hollinger Park: | 10.0 | 19.0 |
| Sandy: | 13.9 | 35.3 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|---|----------|----------|
| Comfort Inn: | 0.2 | 0.1 | 0.2 |
| Edwards Temp: | 0.1 | 0.1 | 0.1 |
| Hollinger Office: | 0.5 | 0.3 | 0.1 |
| Hollinger West: | 0.2 | 0.2 | 0.3 |
| Imerys: | 0.4 | 0.7 | 0.5 |
| Noah: | 0.4 | 0.4 | 0.4 |
| Moneta Pumping Station: | 0.6 | 0.9 | 0.6 |
| Sandy: | 4.2 | 3.1 | 4.5 |
| Water Tower: | Off (Due to construction work and painting) | | |
| Wilson: | 1.0 | 1.6 | 8.4 |