

Hollinger Public Blast Report

Blast Pattern: 3394_20

Date: May 30, 2014

Blast Time: 15:33

Blast Sign Activation: 08:00

Website Notification Time: 08:00

Blast Conditions

Ceiling Height: Unlimited

Boundary Layer Height: 1350 m

Cloud Cover: 0% (Clear)

Wind Speed: 9 km/hr

Wind Direction: NE

Temperature: 20.1 °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

| | |
|-------------------|-----------------------|
| Comfort Inn: | 56.1 L _{Aeq} |
| Edwards: | 50.4 L _{Aeq} |
| Fred: | 42.9 L _{Aeq} |
| Hollinger Office: | 59.0 L _{Aeq} |
| Noah: | 61.8 L _{Aeq} |
| Sandy: | 71.9 L _{Aeq} |
| Water Tower: | 48.8 L _{Aeq} |
| Wilson: | 52.3 L _{Aeq} |

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

Dust Alert: No exceedances recorded.

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|-----------|----------|----------|---------|
| Edwards: | 7.0 | 8.5 | 29.7 | 34.6 |
| Hollinger Office: | 12.7 | 15.6 | 26.3 | 33.7 |
| Hollinger Park: | 8.4 | 12.0 | 24.7 | 48.0 |
| Sandy: | 9.4 | 13.0 | 26.3 | 33.9 |

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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 |
|-----------------------------|----------------------|---------------------|
| GC1-379 (Hollinger Park): | 1.2 | 1.8 |
| GC2-380 (Hollinger Office): | 3.4 | 4.9 |
| GC3-381 (Hollinger Park): | 0.8 | 1.3 |
| GC4-382 (Sandy): | 1.2 | 1.8 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.0 | 0.0 | 0.0 |
| Edwards: | 0.3 | 0.2 | 0.2 |
| Hollinger Office: | 0.3 | 0.3 | 0.3 |
| Hollinger West: | 0.0 | 0.0 | 0.1 |
| Imerys: | 0.3 | 0.3 | 0.3 |
| Moneta Pumping Station: | 0.5 | 0.2 | 0.4 |
| Sandy: | 1.1 | 0.9 | 1.3 |
| Water Tower: | 0.0 | 0.0 | 0.0 |
| Wilson: | 0.6 | 0.4 | 0.4 |