

Hollinger Public Blast Report

Blast Pattern: 3304-087
Date: 23-Sep-22
Blast Time: 11:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

| | | |
|------------------------|--------|------------------|
| Ceiling Height: | 13,123 | ft |
| Boundary Layer Height: | n/a | m |
| Cloud Cover: | 25% | Scattered Clouds |
| Wind Speed: | 13 | km/hr |
| Wind Direction: | W | |
| Temperature: | 12.3 | °C |

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

| | L _{Aeq} | L _{peak} dB |
|-------------------|-----------------------|----------------------|
| Comfort Inn: | L _{Aeq} | dB |
| Edwards: | 51.5 L _{Aeq} | 100.8 dB |
| Fred: | 45.6 L _{Aeq} | 103.1 dB |
| Hollinger Office: | 59.2 L _{Aeq} | 110.1 dB |
| Noah: | 63.6 L _{Aeq} | 106.0 dB |
| Sandy: | 48.1 L _{Aeq} | 105.2 dB |
| Water Tower: | 49.7 L _{Aeq} | 117.3 dB |
| Wilson: | 50.6 L _{Aeq} | 105.4 dB |

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

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|-----------|----------|----------|---------|
| Claimpost: | 5.4 | 5.9 | 1.7 | 3.1 |
| Edwards: | 7.1 | 9.2 | 5.1 | 8.6 |
| Hollinger Office: | 4.7 | 6.4 | 8.4 | 12.1 |
| Sandy: | 0.9 | 1.3 | 2.2 | 3.3 |

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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: | 0.6 | 1.2 |
| Edwards: | 2.2 | 4.9 |
| Hollinger Office: | 1.4 | 2.0 |
| Sandy: | 0.4 | 0.6 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 1.4 | 0.7 | 1.3 |
| Edwards: | 0.2 | 0.2 | 0.2 |
| Hollinger Office: | 0.9 | 0.4 | 0.8 |
| Hollinger West: | 0.3 | 0.1 | 0.2 |
| Imerys: | 0.6 | 0.3 | 0.8 |
| Noah: | 1.1 | 0.4 | 1.0 |
| Moneta Pumping Station: | 0.2 | 0.1 | 0.2 |
| Sandy: | 5.1 | 0.2 | 1.8 |
| Water Tower: | 0.3 | 0.2 | 0.4 |
| Wilson: | 1.3 | 0.7 | 1.0 |

