

Hollinger Public Blast Report



Blast Pattern: 3334_081
Date: 26-Jun-19
Blast Time: 11:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2300 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 13 km/hr
Wind Direction: SW
Temperature: 21.5 °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:	59.5 LAeq	105.5 dB
Edwards:	52.5 LAeq	108.5 dB
Fred:	45.3 LAeq	100.1 dB
Hollinger Office:	56.4 LAeq	107.0 dB
Noah:	62.2 LAeq	107.4 dB
Sandy:	44.4 LAeq	103.0 dB
Water Tower:	48.6 LAeq	116.5 dB
Wilson:	50.3 LAeq	104.2 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.8	10.2	19.5	20.9
Edwards:	10.9	12.5	22.3	24.7
Hollinger Office:	24.3	37.6	40.5	72.0
Sandy:	8.9	9.5	18.6	20.4

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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:	1.3	2.6
Edwards:	6.2	8.0
Hollinger Office:	6.4	10.5
Sandy:	1.1	3.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.0
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	2.8	2.0	2.1
Imerys:	0.4	0.4	0.4
Noah:	0.5	0.7	0.5
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	2.1	0.5	1.4
Water Tower:	0.8	0.8	1.2
Wilson:	2.7	1.8	2.5