

Hollinger Public Blast Report



Blast Pattern: 3334_064
Date: 16-Jun-19
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2900 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 15 km/hr
Wind Direction: NW
Temperature: 6.9 °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:	53.4 LAeq	110.1 dB
Edwards:	48.1 LAeq	102.8 dB
Fred:	45.1 LAeq	105.2 dB
Hollinger Office:	53.6 LAeq	108.8 dB
Noah:	59.9 LAeq	108.8 dB
Sandy:	41.5 LAeq	116.5 dB
Water Tower:	46.8 LAeq	119.8 dB
Wilson:	46.0 LAeq	115.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.7	9.8	7.0	10.0
Edwards:	3.8	4.6	4.5	11.3
Hollinger Office:	7.9	8.5	8.2	9.5
Sandy:	4.6	6.8	6.6	10.2

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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:	0.0	0.0
Edwards:	0.5	1.3
Hollinger Office:	1.0	1.2
Sandy:	1.8	6.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.1
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.5	0.2	0.4
Hollinger West:	1.8	1.2	1.8
Imerys:	1.7	1.4	1.7
Noah:	0.9	1.0	1.1
Moneta Pumping Station:	0.3	0.3	0.4
Sandy:	0.5	0.2	0.6
Water Tower:	3.8	2.3	4.9
Wilson:	1.5	1.0	1.8