

Hollinger Public Blast Report



Blast Pattern: 3346_173
Date: 8-Jul-19
Blast Time: 11:44
Blast Sign Activation: 7:50
Website Notification Time: 7:35

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 4 km/hr
Wind Direction: SW
Temperature: 23.9 °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:	54.1 LAeq	108.2 dB
Edwards:	52.0 LAeq	101.0 dB
Fred:	44.1 LAeq	97.8 dB
Hollinger Office:	54.7 LAeq	112.0 dB
Noah:	60.8 LAeq	101.0 dB
Sandy:	46.0 LAeq	98.3 dB
Water Tower:	48.6 LAeq	107.2 dB
Wilson:	51.4 LAeq	102.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	145.0	593.4	17.1	33.5
Edwards:	28.8	40.2	46.0	68.8
Hollinger Office:	35.3	42.8	45.8	64.7
Sandy:	16.0	24.2	39.2	62.4

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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	3.2
Edwards:	2.2	5.0
Hollinger Office:	2.1	2.7
Sandy:	2.1	3.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.4	0.5
Edwards:	0.2	0.1	0.3
Hollinger Office:	0.2	0.3	0.3
Hollinger West:	0.1	0.3	0.2
Imerys:	0.2	0.2	0.3
Noah:	0.4	0.6	0.3
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.3	0.2	0.4
Water Tower:	0.2	0.1	0.3
Wilson:	0.5	0.3	0.7