

Hollinger Public Blast Report



Blast Pattern: 3334_104
Date: 11-Oct-19
Blast Time: 15:48
Blast Sign Activation: 8:15
Website Notification Time: 8:01

Blast Conditions

Ceiling Height: 23950 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 26 km/hr
Wind Direction: SE
Temperature: 20.9 °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:	56.0 LAeq	109.7 dB
Edwards:	53.0 LAeq	117.0 dB
Fred:	52.7 LAeq	114.2 dB
Hollinger Office:	55.9 LAeq	119.0 dB
Noah:	64.2 LAeq	118.9 dB
Sandy:	50.7 LAeq	113.3 dB
Water Tower:	58.9 LAeq	120.4 dB
Wilson:	55.0 LAeq	116.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	32.0	46.1	13.0	39.6
Edwards:	7.3	9.4	13.1	19.1
Hollinger Office:	68.8	153.2	58.5	184.8
Sandy:	9.5	14.9	12.7	21.5

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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:	1.8	4.6
Edwards:	1.4	2.0
Hollinger Office:	6.3	16.8
Sandy:	1.3	1.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.3	0.4
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.7	0.3	0.4
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.2	0.4
Noah:	0.5	0.4	0.6
Moneta Pumping Station:	0.3	0.3	0.5
Sandy:	0.4	0.2	0.6
Water Tower:	0.3	0.2	0.4
Wilson:	1.1	0.6	1.0