

Hollinger Public Blast Report



Blast Pattern: 3328_015
Date: 21-Jun-19
Blast Time: 15:49
Blast Sign Activation: 9:04
Website Notification Time: 8:50

Blast Conditions

Ceiling Height: 4800 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 22 km/hr
Wind Direction: N
Temperature: 19.4 °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:	56.9 LAeq	102.6 dB
Edwards:	50.2 LAeq	100.5 dB
Fred:	46.4 LAeq	101.2 dB
Hollinger Office:	57.3 LAeq	103.9 dB
Noah:	62.2 LAeq	108.5 dB
Sandy:	43.6 LAeq	107.4 dB
Water Tower:	49.8 LAeq	114.8 dB
Wilson:	48.6 LAeq	109.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.1	2.7	4.4	5.6
Edwards:	7.0	9.5	11.4	26.6
Hollinger Office:	12.7	18.1	9.4	17.4
Sandy:	28.3	65.3	28.9	74.2

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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:	0.1	0.2
Edwards:	1.2	1.4
Hollinger Office:	3.2	6.7
Sandy:	2.2	3.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.5	0.3	0.4
Hollinger West:	0.7	0.5	0.8
Imerys:	0.8	0.7	1.3
Noah:	0.9	0.6	1.2
Moneta Pumping Station:	0.7	0.4	0.9
Sandy:	4.4	1.8	3.6
Water Tower:	1.5	1.7	2.5
Wilson:	1.8	2.0	2.7