

Hollinger Public Blast Report



Blast Pattern: 3328_022, 3346_183P/S A
Date: 28-Jul-19
Blast Time: 11:49
Blast Sign Activation: 7:40
Website Notification Time: 7:33

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 9 km/hr
Wind Direction: S
Temperature: 24.6 °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:	53.3 LAeq	112.5 dB
Edwards:	50.0 LAeq	106.9 dB
Fred:	45.7 LAeq	102.5 dB
Hollinger Office:	52.5 LAeq	109.4 dB
Noah:	60.0 LAeq	102.6 dB
Sandy:	55.5 LAeq	108.6 dB
Water Tower:	48.1 LAeq	113.0 dB
Wilson:	50.2 LAeq	106.2 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.8	3.2	20.4	22.3
Edwards:	7.4	10.1	19.4	26.8
Hollinger Office:	10.9	11.6	18.7	21.8
Sandy:	4.6	5.7	13.5	15.9

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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:	0.7	1.7
Edwards:	2.9	4.7
Hollinger Office:	1.2	2.1
Sandy:	1.2	2.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.0	0.1	0.1
Hollinger Office:	4.9	1.8	3.8
Hollinger West:	1.4	0.8	1.6
Imerys:	1.0	0.8	0.9
Noah:	0.7	0.5	0.9
Moneta Pumping Station:	0.9	1.2	0.7
Sandy:	3.1	1.7	2.9
Water Tower:	1.2	1.0	2.1
Wilson:	3.2	3.1	3.7