

Hollinger Public Blast Report



Blast Pattern: 3328_016
Date: 4-Jul-19
Blast Time: 15:36
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 20000 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 19 km/hr
Wind Direction: S
Temperature: 32.3 °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:	54.0 LAeq	106.3 dB
Edwards:	47.3 LAeq	105.0 dB
Fred:	45.1 LAeq	103.4 dB
Hollinger Office:	54.5 LAeq	116.5 dB
Noah:	60.3 LAeq	109.7 dB
Sandy:	49.1 LAeq	108.4 dB
Water Tower:	53.6 LAeq	119.9 dB
Wilson:	53.6 LAeq	107.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	17.4	21.6	20.3	24.7
Edwards:	16.5	18.4	32.1	38.7
Hollinger Office:	73.1	136.4	72.3	167.2
Sandy:	14.5	21.7	31.5	44.4

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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:	0.7	1.9
Edwards:	1.5	2.6
Hollinger Office:	2.0	8.0
Sandy:	0.0	0.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.1	0.2
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.4	0.1	0.3
Hollinger West:	1.0	0.7	1.1
Imerys:	0.5	0.6	0.6
Noah:	0.6	0.7	0.7
Moneta Pumping Station:	0.8	0.5	1.2
Sandy:	4.1	1.4	3.1
Water Tower:	1.9	1.1	2.1
Wilson:	2.7	2.6	3.1