

Hollinger Public Blast Report



Blast Pattern: 3334_068
Date: 7-Jul-19
Blast Time: 15:44
Blast Sign Activation: 7:30
Website Notification Time: 8:15

Blast Conditions

Ceiling Height: 30000 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 6 km/hr
Wind Direction: W
Temperature: 23.6 °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:	51.5 LAeq	107.9 dB
Edwards:	44.0 LAeq	99.4 dB
Fred:	45.8 LAeq	96.1 dB
Hollinger Office:	52.6 LAeq	111.3 dB
Noah:	59.2 LAeq	103.2 dB
Sandy:	45.3 LAeq	97.6 dB
Water Tower:	51.0 LAeq	111.2 dB
Wilson:	44.6 LAeq	98.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.6	5.7	1.1	2.7
Edwards:	3.5	4.5	13.0	25.7
Hollinger Office:	17.6	26.7	11.3	29.9
Sandy:	6.2	14.6	7.6	16.7

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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:	0.6	1.2
Edwards:	1.5	3.9
Hollinger Office:	1.8	3.6
Sandy:	1.4	1.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.6	0.8
Edwards:	0.3	0.2	0.2
Hollinger Office:	0.9	0.7	0.9
Hollinger West:	0.3	0.2	0.2
Imerys:	0.6	0.6	0.7
Noah:	1.2	0.6	1.3
Moneta Pumping Station:	0.4	0.2	0.3
Sandy:	0.7	0.3	0.7
Water Tower:	0.5	0.4	0.7
Wilson:	1.5	1.9	2.3