

Hollinger Public Blast Report



Blast Pattern: 3328_085B P/S, 3328_062
Date: 26-Oct-19
Blast Time: 11:43
Blast Sign Activation: 7:55
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 32808 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 15 km/hr
Wind Direction: S
Temperature: 6.1 °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:	53.8 LAeq	110.8 dB
Edwards:	45.1 LAeq	102.1 dB
Fred:	41.5 LAeq	101.4 dB
Hollinger Office:	54.5 LAeq	116.2 dB
Noah:	64.1 LAeq	107.6 dB
Sandy:	43.9 LAeq	101.2 dB
Water Tower:	51.3 LAeq	113.3 dB
Wilson:	48.9 LAeq	103.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.8	5.0	4.7	5.3
Edwards:	1.8	2.1	6.9	8.2
Hollinger Office:	2.4	5.2	7.1	10.5
Sandy:	3.2	3.6	5.8	6.8

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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	1.8
Edwards:	1.0	2.3
Hollinger Office:	3.5	7.7
Sandy:	3.0	3.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.9	0.8	2.9
Edwards:	1.0	0.6	0.8
Hollinger Office:	0.7	0.7	0.9
Hollinger West:	0.4	0.2	0.4
Imerys:	0.6	0.4	0.8
Noah:	0.9	0.5	1.2
Moneta Pumping Station:	0.9	0.4	0.6
Sandy:	1.6	0.6	1.3
Water Tower:	0.7	0.5	1.0
Wilson:	1.2	0.6	1.2