

Hollinger Public Blast Report



Blast Pattern: 3328_042
Date: 15-Sep-19
Blast Time: 15:48
Blast Sign Activation: 7:37
Website Notification Time: 7:37

Blast Conditions

Ceiling Height: 10000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 13 km/hr
Wind Direction: W
Temperature: 18.8 °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:	53.9 LAeq	98.9 dB
Edwards:	50.5 LAeq	95.3 dB
Fred:	44.0 LAeq	96.0 dB
Hollinger Office:	54.8 LAeq	99.8 dB
Noah:	61.2 LAeq	100.5 dB
Sandy:	42.6 LAeq	97.9 dB
Water Tower:	47.9 LAeq	111.3 dB
Wilson:	46.4 LAeq	100.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	24.0	24.5	1.3	1.9
Edwards:	6.2	7.5	9.5	12.8
Hollinger Office:	18.2	45.8	15.2	47.0
Sandy:	4.3	6.8	6.1	8.4

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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:	0.2	0.6
Edwards:	0.0	0.0
Hollinger Office:	2.1	7.1
Sandy:	2.7	6.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.3	0.3	0.4
Hollinger West:	0.4	0.2	0.3
Imerys:	0.9	0.9	1.3
Noah:	0.6	0.6	0.5
Moneta Pumping Station:	0.2	0.1	0.3
Sandy:	0.6	0.2	0.4
Water Tower:	2.8	2.1	3.3
Wilson:	0.5	0.6	0.5