

Hollinger Public Blast Report



Blast Pattern: 3328_018
Date: 18-Jul-19
Blast Time: 11:36
Blast Sign Activation: 7:55
Website Notification Time: 7:39

Blast Conditions

Ceiling Height: 12000 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 15 km/hr
Wind Direction: S
Temperature: 22.5 °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:	54.4 LAeq	102.2 dB
Edwards:	48.7 LAeq	102.7 dB
Fred:	45.6 LAeq	102.8 dB
Hollinger Office:	55.0 LAeq	111.3 dB
Noah:	61.1 LAeq	107.5 dB
Sandy:	48.4 LAeq	104.6 dB
Water Tower:	52.3 LAeq	112.2 dB
Wilson:	50.4 LAeq	107.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.8	9.2	15.4	23.1
Edwards:	6.2	7.9	23.9	34.6
Hollinger Office:	24.7	43.0	40.9	82.6
Sandy:	4.9	6.4	25.2	38.4

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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:	2.0	6.2
Edwards:	2.1	3.0
Hollinger Office:	8.3	17.7
Sandy:	1.3	2.3

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:	0.1	0.0	0.1
Hollinger Office:	0.3	0.2	0.4
Hollinger West:	0.5	0.4	0.7
Imerys:	0.5	0.5	0.6
Noah:	0.7	0.9	0.8
Moneta Pumping Station:	0.4	0.3	0.7
Sandy:	2.0	1.0	1.7
Water Tower:	1.4	0.7	1.6
Wilson:	1.1	1.9	1.9