

Hollinger Public Blast Report



Blast Pattern: 3328_053
Date: 21-Aug-19
Blast Time: 11:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3000 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 6 km/hr
Wind Direction: SE
Temperature: 17.9 °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:	55.2 LAeq	98.2 dB
Edwards:	46.1 LAeq	94.7 dB
Fred:	38.8 LAeq	87.2 dB
Hollinger Office:	55.7 LAeq	101.9 dB
Noah:	66.3 LAeq	105.2 dB
Sandy:	44.0 LAeq	106.2 dB
Water Tower:	51.7 LAeq	114.8 dB
Wilson:	48.9 LAeq	106.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.9	6.5	12.5	13.8
Edwards:	6.0	6.5	13.2	14.6
Hollinger Office:	13.5	14.2	13.9	16.1
Sandy:	6.1	9.5	14.0	23.0

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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	0.4
Edwards:	1.7	2.6
Hollinger Office:	3.3	6.1
Sandy:	5.8	16.2

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	0.0
Hollinger Office:	0.6	0.3	0.5
Hollinger West:	2.1	2.1	2.5
Imerys:	1.8	2.4	3.0
Noah:	2.2	1.6	1.7
Moneta Pumping Station:	0.3	0.2	0.5
Sandy:	0.5	0.4	0.5
Water Tower:	8.4	5.4	7.2
Wilson:	2.0	2.1	2.3