

Hollinger Public Blast Report



Blast Pattern: 3334_086, 3346_178
Date: 6-Jul-19
Blast Time: 15:44
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 22000 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 11 km/hr
Wind Direction: n/a
Temperature: 20.5 °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:	55.3 LAeq	107.5 dB
Edwards:	47.1 LAeq	99.3 dB
Fred:	47.5 LAeq	104.1 dB
Hollinger Office:	55.3 LAeq	108.2 dB
Noah:	61.4 LAeq	104.0 dB
Sandy:	43.2 LAeq	107.2 dB
Water Tower:	49.9 LAeq	110.0 dB
Wilson:	46.2 LAeq	109.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.9	6.7	3.1	6.7
Edwards:	3.6	3.9	5.3	7.7
Hollinger Office:	2.1	3.6	3.1	9.4
Sandy:	6.6	18.2	15.0	37.7

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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:	0.0	0.0
Edwards:	1.0	1.2
Hollinger Office:	1.8	2.7
Sandy:	1.4	2.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.5	1.5	1.3
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.5	0.3	0.4
Hollinger West:	1.1	0.9	0.6
Imerys:	1.3	1.5	1.8
Noah:	2.1	1.2	1.5
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	0.8	0.2	0.5
Water Tower:	5.5	3.9	5.1
Wilson:	1.0	0.7	0.9