

Hollinger Public Blast Report



Blast Pattern: 3346_182
Date: 17-Sep-19
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 10000 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 9 km/hr
Wind Direction: S
Temperature: 19 °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:	52.7 LAeq	105.7 dB
Edwards:	47.4 LAeq	93.7 dB
Fred:	42.7 LAeq	100.4 dB
Hollinger Office:	55.3 LAeq	108.5 dB
Noah:	61.0 LAeq	108.2 dB
Sandy:	44.0 LAeq	96.0 dB
Water Tower:	47.2 LAeq	104.3 dB
Wilson:	49.8 LAeq	93.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	27.1	27.6	12.1	14.9
Edwards:	6.2	6.9	13.6	14.6
Hollinger Office:	14.1	15.5	17.9	20.4
Sandy:	4.4	6.6	15.9	18.7

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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:	1.7	5.9
Edwards:	0.0	0.0
Hollinger Office:	4.8	13.7
Sandy:	1.1	2.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.8	1.4	1.7
Edwards:	0.3	0.3	0.3
Hollinger Office:	0.3	0.1	0.2
Hollinger West:	0.0	0.0	0.1
Imerys:	0.2	0.1	0.2
Noah:	0.3	0.4	0.3
Moneta Pumping Station:	0.1	0.1	0.2
Sandy:	0.1	0.1	0.1
Water Tower:	0.1	0.1	0.1
Wilson:	0.3	0.2	0.2