

Hollinger Public Blast Report



Blast Pattern: 3346_190
Date: 10-Oct-19
Blast Time: 11:46
Blast Sign Activation: 7:41
Website Notification Time: 7:31

Blast Conditions

Ceiling Height: 10000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 15 km/hr
Wind Direction: S
Temperature: 13.5 °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:	54.2 LAeq	102.3 dB
Edwards:	47.0 LAeq	102.1 dB
Fred:	43.2 LAeq	100.3 dB
Hollinger Office:	54.1 LAeq	105.9 dB
Noah:	70.1 LAeq	113.1 dB
Sandy:	46.3 LAeq	101.9 dB
Water Tower:	48.2 LAeq	108.2 dB
Wilson:	51.0 LAeq	97.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	25.9	28.7	3.3	9.4
Edwards:	5.0	5.2	10.6	12.6
Hollinger Office:	23.7	147.5	40.8	329.2
Sandy:	9.9	14.0	12.3	20.4

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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:	4.0	15.9
Edwards:	1.7	2.1
Hollinger Office:	7.9	22.6
Sandy:	1.6	2.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.1
Edwards:	0.0	0.0	0.0
Hollinger Office:	4.9	1.5	3.4
Hollinger West:	0.3	0.5	0.4
Imerys:	1.0	1.0	0.9
Noah:	3.2	3.0	2.6
Moneta Pumping Station:	0.1	0.3	0.1
Sandy:	0.1	0.0	0.0
Water Tower:	0.5	0.4	0.7
Wilson:	0.2	0.2	0.2