

Hollinger Public Blast Report



Blast Pattern: 3340_127, 3346_195
Date: 30-Oct-19
Blast Time: 11:47
Blast Sign Activation: 7:55
Website Notification Time: 7:36

Blast Conditions

Ceiling Height: 21981 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 6 km/hr
Wind Direction: S
Temperature: 2.1 °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:	53.7 LAeq	112.8 dB
Edwards:	52.3 LAeq	104.8 dB
Fred:	42.4 LAeq	93.6 dB
Hollinger Office:	54.5 LAeq	113.5 dB
Noah:	62.7 LAeq	103.0 dB
Sandy:	43.8 LAeq	97.9 dB
Water Tower:	48.4 LAeq	107.0 dB
Wilson:	50.0 LAeq	97.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.2	4.8	4.4	4.5
Edwards:	2.0	2.5	7.5	9.7
Hollinger Office:	19.0	39.1	23.9	46.1
Sandy:	3.7	4.4	2.8	5.0

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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:	1.6	2.7
Edwards:	3.6	6.8
Hollinger Office:	10.5	20.1
Sandy:	0.0	0.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.5	0.3
Edwards:	0.2	0.1	0.2
Hollinger Office:	3.0	0.9	2.8
Hollinger West:	0.1	0.0	0.1
Imerys:	0.5	0.3	0.5
Noah:	0.4	0.4	0.6
Moneta Pumping Station:	0.2	0.4	0.2
Sandy:	0.1	0.1	0.2
Water Tower:	0.2	0.3	0.2
Wilson:	0.2	0.1	0.2