

Hollinger Public Blast Report



Blast Pattern: 3334_033, 3346_183PS
Date: 30-Jul-19
Blast Time: 11:56
Blast Sign Activation: 8:46
Website Notification Time: 8:36

Blast Conditions

Ceiling Height: 1500 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 15 km/hr
Wind Direction: W
Temperature: 18 °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:	55.8 LAeq	113.9 dB
Edwards:	50.9 LAeq	106.9 dB
Fred:	44.0 LAeq	100.2 dB
Hollinger Office:	56.0 LAeq	107.7 dB
Noah:	61.9 LAeq	105.3 dB
Sandy:	47.5 LAeq	104.2 dB
Water Tower:	54.9 LAeq	116.6 dB
Wilson:	51.1 LAeq	105.1 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.6	7.2	3.4	6.1
Edwards:	8.0	12.0	16.4	26.0
Hollinger Office:	14.6	44.9	18.4	69.4
Sandy:	2.8	3.3	5.8	7.5

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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:	0.5	1.0
Edwards:	2.5	4.2
Hollinger Office:	1.8	2.1
Sandy:	1.8	5.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.0	0.1
Hollinger Office:	1.5	0.8	3.7
Hollinger West:	0.3	0.2	0.2
Imerys:	1.4	0.9	1.6
Noah:	1.1	1.1	0.9
Moneta Pumping Station:	0.2	0.1	0.4
Sandy:	0.6	0.4	0.5
Water Tower:	2.3	1.0	2.7
Wilson:	1.1	1.4	1.0