

Hollinger Public Blast Report



Blast Pattern: 3346_185, 3346_181
Date: 27-Aug-19
Blast Time: 11:51
Blast Sign Activation: 7:39
Website Notification Time: 7:25

Blast Conditions

Ceiling Height: 1000 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Rain
Wind Speed: 19 km/hr
Wind Direction: SE
Temperature: 17.3 °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:	54.7 LAeq	111.0 dB
Edwards:	51.6 LAeq	112.0 dB
Fred:	48.2 LAeq	109.1 dB
Hollinger Office:	56.9 LAeq	113.6 dB
Noah:	60.8 LAeq	117.6 dB
Sandy:	50.5 LAeq	110.1 dB
Water Tower:	59.3 LAeq	121.0 dB
Wilson:	54.6 LAeq	108.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.5	4.2	11.9	12.9
Edwards:	8.7	8.7	8.1	11.1
Hollinger Office:	16.1	18.5	9.9	12.0
Sandy:	1.9	2.3	7.9	9.9

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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:	1.3	2.3
Edwards:	1.3	2.4
Hollinger Office:	4.6	8.9
Sandy:	2.1	2.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.4	1.1	1.2
Edwards:	0.4	0.3	0.2
Hollinger Office:	0.4	0.3	0.3
Hollinger West:	0.1	0.0	0.1
Imerys:	0.2	0.1	0.2
Noah:	0.3	0.5	0.3
Moneta Pumping Station:	0.2	0.3	0.1
Sandy:	0.2	0.1	0.2
Water Tower:	0.1	0.1	0.1
Wilson:	0.6	0.5	0.6