

Hollinger Public Blast Report



Blast Pattern: 3346_186
Date: 6-Sep-19
Blast Time: 15:46
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 200 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 4 km/hr
Wind Direction: N
Temperature: 13.6 °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:	55.7 LAeq	105.0 dB
Edwards:	52.0 LAeq	97.6 dB
Fred:	40.8 LAeq	86.5 dB
Hollinger Office:	56.3 LAeq	115.7 dB
Noah:	61.5 LAeq	105.5 dB
Sandy:	40.3 LAeq	97.0 dB
Water Tower:	50.3 LAeq	107.6 dB
Wilson:	50.3 LAeq	101.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.6	9.9	8.3	9.1
Edwards:	7.3	8.2	16.3	18.2
Hollinger Office:	13.8	15.4	18.4	20.7
Sandy:	6.5	9.6	13.7	15.7

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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:	1.1	1.4
Edwards:	2.8	3.2
Hollinger Office:	3.6	5.2
Sandy:	8.4	22.8

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:	0.0	0.0	0.1
Hollinger Office:	2.3	1.6	5.0
Hollinger West:	0.1	0.1	0.1
Imerys:	1.8	0.6	1.0
Noah:	0.9	1.0	1.1
Moneta Pumping Station:	0.1	0.2	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.5	0.3	0.6
Wilson:	0.3	0.3	0.3