

Hollinger Public Blast Report



Blast Pattern: 3328_060, 3328_085D
Date: 1-Nov-19
Blast Time: 11:37
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1700 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 20 km/hr
Wind Direction: NW
Temperature: -2 °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:	56.6 LAeq	109.7 dB
Edwards:	50.8 LAeq	105.0 dB
Fred:	45.0 LAeq	107.9 dB
Hollinger Office:	57.9 LAeq	112.9 dB
Noah:	66.1 LAeq	106.8 dB
Sandy:	43.5 LAeq	108.2 dB
Water Tower:	52.1 LAeq	116.3 dB
Wilson:	49.1 LAeq	107.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.2	3.2	3.3	6.3
Edwards:	7.0	8.0	8.5	12.9
Hollinger Office:	11.0	17.4	8.6	15.1
Sandy:	7.3	10.0	6.7	8.8

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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:	0.8	1.0
Edwards:	0.9	1.3
Hollinger Office:	2.6	3.2
Sandy:	3.2	3.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.8	0.5	2.4
Edwards:	0.7	0.6	0.4
Hollinger Office:	0.3	0.4	0.5
Hollinger West:	0.4	0.2	0.3
Imerys:	0.3	0.5	0.4
Noah:	0.6	0.5	0.9
Moneta Pumping Station:	0.8	0.7	0.9
Sandy:	3.8	1.6	2.4
Water Tower:	0.8	0.5	1.2
Wilson:	1.1	0.8	1.2