

Hollinger Public Blast Report

Blast Pattern: 3328_085
Date: 14-May-20
Blast Time: 11:38
Blast Sign Activation: 7:30
Website Notification Time: 7:21

Blast Conditions

Ceiling Height: 12139 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: S
Temperature: 9 °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:	54.9 LAeq	103.9 dB
Edwards:	48.9 LAeq	95.5 dB
Fred:	76.8 LAeq	86.4 dB
Hollinger Office:	53.7 LAeq	101.7 dB
Noah:	60.1 LAeq	99.4 dB
Sandy:	46.5 LAeq	103.2 dB
Water Tower:	49.9 LAeq	106.4 dB
Wilson:	51.3 LAeq	102.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.0	11.8	9.8	11.5
Edwards:	7.1	9.3	15.2	33.0
Hollinger Office:	30.4	87.9	47.2	196.6
Sandy:	10.8	12.0	16.2	19.0

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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	5.4
Edwards:	0.9	1.5
Hollinger Office:	7.8	15.6
Sandy:	2.8	3.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.1	0.1
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.8	0.4	0.6
Hollinger West:	0.2	0.1	0.2
Imerys:	1.8	1.2	2.0
Noah:	0.6	0.6	0.7
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.3	0.1	0.2
Water Tower:	1.7	1.3	1.3
Wilson:	0.4	0.2	0.3