

Hollinger Public Blast Report

Blast Pattern: 3328_090
Date: 12-Apr-20
Blast Time: 11:30
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2296 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 11 km/hr
Wind Direction: NW
Temperature: 1.6 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extencicare

	L_{Aeq}	L_{peak} dB
Comfort Inn:	49.3 LAeq	98.8 dB
Edwards:	43.3 LAeq	92.0 dB
Fred:	39.1 LAeq	93.5 dB
Hollinger Office:	51.4 LAeq	108.5 dB
Noah:	56.6 LAeq	96.9 dB
Sandy:	41.9 LAeq	95.6 dB
Water Tower:	48.3 LAeq	107.6 dB
Wilson:	42.2 LAeq	95.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.1	8.6	7.0	9.0
Edwards:	4.0	4.8	9.5	13.9
Hollinger Office:	8.9	10.5	16.9	21.9
Sandy:	4.6	5.6	7.3	10.1

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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:	0.1	0.3
Edwards:	0.6	1.1
Hollinger Office:	1.7	2.1
Sandy:	2.0	5.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.4
Edwards:	0.2	0.1	0.2
Hollinger Office:	1.0	0.4	1.1
Hollinger West:	0.2	0.1	0.2
Imerys:	0.6	0.4	0.5
Noah:	0.7	0.4	0.7
Moneta Pumping Station:	0.4	0.2	0.3
Sandy:	0.3	0.2	0.4
Water Tower:	0.4	0.2	0.4
Wilson:	0.7	0.3	0.5