

Hollinger Public Blast Report

Blast Pattern: 3328_111/103
Date: 20-Nov-20
Blast Time: 11:34
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 5381 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Fog
Wind Speed: 4 km/hr
Wind Direction: ENE
Temperature: 0.8 °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:	57.1 LAeq	111.0 dB
Edwards:	46.4 LAeq	100.5 dB
Fred:	44.5 LAeq	88.2 dB
Hollinger Office:	56.6 LAeq	117.1 dB
Noah:	60.9 LAeq	111.2 dB
Sandy:	46.2 LAeq	106.7 dB
Water Tower:	51.9 LAeq	112.6 dB
Wilson:	51.0 LAeq	105.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	25.7	29.8	13.0	13.5
Edwards:	33.1	55.8	39.3	72.3
Hollinger Office:	22.2	33.1	26.1	32.3
Sandy:	15.7	20.3	18.7	22.6

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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:	1.7	2.0
Edwards:	2.8	3.5
Hollinger Office:	4.3	7.1
Sandy:	25.7	82.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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