

Hollinger Public Blast Report

Blast Pattern: 3328_091
Date: 20-Apr-20
Blast Time: 11:41
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 12139 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 35 km/hr
Wind Direction: S
Temperature: 0.3 °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:	51.9 LAeq	113.8 dB
Edwards:	48.1 LAeq	114.4 dB
Fred:	46.2 LAeq	110.2 dB
Hollinger Office:	58.4 LAeq	120.8 dB
Noah:	59.4 LAeq	119.6 dB
Sandy:	50.7 LAeq	109.8 dB
Water Tower:	58.2 LAeq	120.6 dB
Wilson:	53.3 LAeq	111.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.3	20.0	12.7	33.9
Edwards:	8.5	8.8	13.0	15.1
Hollinger Office:	29.7	43.5	10.7	34.5
Sandy:	12.5	18.6	12.3	17.3

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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:	1.0	3.5
Edwards:	1.6	2.5
Hollinger Office:	1.8	8.6
Sandy:	1.3	1.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.4	0.9
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.8	0.5	0.8
Hollinger West:	0.2	0.1	0.2
Imerys:	0.8	0.3	0.4
Noah:	1.0	0.6	0.8
Moneta Pumping Station:	0.5	0.2	0.5
Sandy:	0.4	0.2	0.5
Water Tower:	0.3	0.3	0.3
Wilson:	0.9	0.4	1.2