

Hollinger Public Blast Report

Blast Pattern: 3292_014
Date: 18-Jun-21
Blast Time: 11:39
Blast Sign Activation: 7:30
Website Notification Time: 7:22

Blast Conditions

Ceiling Height: 3,048 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 11
Wind Direction: S
Temperature: 26.6 °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:	55.4 LAeq	113.2 dB
Edwards:	51.2 LAeq	107.8 dB
Fred:	47.2 LAeq	102.2 dB
Hollinger Office:	54.8 LAeq	117.1 dB
Noah:	58.6 LAeq	108.8 dB
Sandy:	LAeq	dB
Water Tower:	50.1 LAeq	124.2 dB
Wilson:	48.5 LAeq	112.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.3	11.4	27.6	33.5
Edwards:	17.6	25.3	23.7	40.4
Hollinger Office:	21.3	25.2	30.5	47.8
Sandy:	14.0	15.8	21.5	25.6

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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:	0.6	1.5
Edwards:	3.5	16.9
Hollinger Office:	4.9	7.9
Sandy:	1.1	1.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.3	0.4
Hollinger West:	1.3	0.6	1.2
Imerys:	1.4	0.8	1.6
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.7	0.5	0.8
Sandy:	4.3	1.4	2.9
Water Tower:	2.0	1.3	2.6
Wilson:	1.9	1.5	1.6