

Hollinger Public Blast Report

Blast Pattern: 3292_028
Date: 28-Jul-21
Blast Time: 11:39
Blast Sign Activation: 7:05
Website Notification Time: 7:12

Blast Conditions

Ceiling Height: 29,856 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially cloudy
Wind Speed: 9
Wind Direction: S
Temperature: 21.6 °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:	57.5 LAeq	97.6 dB
Edwards:	49.3 LAeq	98.6 dB
Fred:	48.2 LAeq	103.7 dB
Hollinger Office:	66.6 LAeq	101.2 dB
Noah:	62.7 LAeq	99.7 dB
Sandy:	51.5 LAeq	100.6 dB
Water Tower:	55.7 LAeq	107.1 dB
Wilson:	50.8 LAeq	101.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.6	11.1	5.5	12.3
Edwards:	2.8	3.4	13.5	18.1
Hollinger Office:	21.0	38.6	54.8	128.1
Sandy:	4.9	7.4	15.5	27.1

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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:	0.2	0.9
Edwards:	0.5	1.9
Hollinger Office:	19.2	57.6
Sandy:	1.0	1.5

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	0.0	0.1
Hollinger Office:	0.4	0.1	0.2
Hollinger West:	2.0	0.6	1.4
Imerys:	0.8	1.0	0.7
Noah:	0.4	0.5	0.3
Moneta Pumping Station:	1.0	0.6	0.8
Sandy:	3.0	1.4	2.3
Water Tower:	1.2	1.0	2.3
Wilson:	1.7	2.3	1.7