

Hollinger Public Blast Report

Blast Pattern: 3316_084 3274_200PS
Date: 4-Jul-21
Blast Time: 11:46
Blast Sign Activation: 7:20
Website Notification Time: 7:01

Blast Conditions

Ceiling Height: 29,856 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 13
Wind Direction: N
Temperature: 22.8 °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:	56.0 LAeq	109.2 dB
Edwards:	50.0 LAeq	99.0 dB
Fred:	46.3 LAeq	97.4 dB
Hollinger Office:	59.4 LAeq	109.9 dB
Noah:	61.1 LAeq	101.5 dB
Sandy:	53.5 LAeq	101.8 dB
Water Tower:	52.8 LAeq	107.1 dB
Wilson:	49.7 LAeq	99.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	31.1	34.9	33.6	38.8
Edwards:	17.6	19.1	59.4	63.6
Hollinger Office:	24.5	27.5	79.6	90.1
Sandy:	18.9	23.2	53.6	64.1

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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:	1.4	4.8
Edwards:	0.4	1.2
Hollinger Office:	10.2	22.7
Sandy:	0.8	0.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.1	1.1	2.8
Edwards:	0.3	0.1	0.3
Hollinger Office:	0.5	0.3	0.5
Hollinger West:	2.4	1.7	3.4
Imerys:	1.1	0.5	0.8
Noah:	0.7	1.0	0.6
Moneta Pumping Station:	0.3	0.1	0.3
Sandy:	0.5	0.4	0.5
Water Tower:	1.2	0.8	0.9
Wilson:	2.5	1.2	2.4