

Hollinger Public Blast Report

Blast Pattern: 3316_075
Date: 16-Jun-21
Blast Time: 11:32
Blast Sign Activation: 7:47
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 32,808 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 22
Wind Direction: N
Temperature: 15.5 °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	106.1 dB
Edwards:	51.3 LAeq	102.8 dB
Fred:	49.0 LAeq	112.9 dB
Hollinger Office:	56.4 LAeq	113.5 dB
Noah:	62.2 LAeq	112.6 dB
Sandy:	49.3 LAeq	107.9 dB
Water Tower:	51.0 LAeq	117.5 dB
Wilson:	50.7 LAeq	109.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.7	3.2	16.2	17.4
Edwards:	3.7	4.2	9.7	12.3
Hollinger Office:	11.5	12.4	10.2	12.8
Sandy:	9.0	13.0	12.8	21.9

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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:	0.1	0.1
Edwards:	0.0	0.2
Hollinger Office:	1.1	1.9
Sandy:	2.0	2.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.5	0.9
Edwards:	0.2	0.1	0.2
Hollinger Office:	1.8	0.7	2.3
Hollinger West:	0.2	0.1	0.2
Imerys:	7.1	2.1	0.4
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.3	0.1	0.2
Sandy:	0.2	0.1	0.3
Water Tower:	0.4	0.2	0.4
Wilson:	0.6	0.4	0.8