

Hollinger Public Blast Report

Blast Pattern: 3316_060
Date: 4-Jun-21
Blast Time: 15:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 24,934 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 11
Wind Direction: SE
Temperature: 20.9 °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:	55.5 LAeq	103.3 dB
Edwards:	47.9 LAeq	94.5 dB
Fred:	44.3 LAeq	99.7 dB
Hollinger Office:	55.8 LAeq	108.0 dB
Noah:	60.7 LAeq	101.5 dB
Sandy:	48.5 LAeq	101.6 dB
Water Tower:	51.9 LAeq	109.0 dB
Wilson:	49.1 LAeq	99.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.5	9.2	31.6	34.7
Edwards:	7.9	8.6	20.1	20.9
Hollinger Office:	15.8	26.0	32.6	98.5
Sandy:	5.5	6.6	22.4	26.2

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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:	0.5	1.5
Edwards:	0.4	1.4
Hollinger Office:	13.0	115.2
Sandy:	1.1	1.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.5	0.4
Edwards:	0.1	0.1	0.2
Hollinger Office:	3.3	1.2	2.7
Hollinger West:	0.3	0.1	0.2
Imerys:	0.2	0.0	0.0
Noah:	1.2	0.8	1.3
Moneta Pumping Station:	0.3	0.2	0.2
Sandy:	0.3	0.2	0.3
Water Tower:	0.5	0.3	0.7
Wilson:	0.6	0.5	1.1