

Hollinger Public Blast Report

Blast Pattern: 3304_059
Date: 19-Jun-22
Blast Time: 11:50
Blast Sign Activation: 7:10
Website Notification Time: 7:05

Blast Conditions

Ceiling Height: 14,108 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 11
Wind Direction: W
Temperature: 13.0 °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:	54.2 LAeq	111.0 dB
Edwards:	49.2 LAeq	102.0 dB
Fred:	43.3 LAeq	95.5 dB
Hollinger Office:	54.0 LAeq	111.9 dB
Noah:	59.1 LAeq	101.6 dB
Sandy:	43.4 LAeq	109.5 dB
Water Tower:	45.1 LAeq	101.5 dB
Wilson:	45.4 LAeq	100.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	14.5	14.9	23.1	24.1
Edwards:	5.0	5.8	5.9	11.7
Hollinger Office:	4.8	5.3	6.7	10.5
Sandy:	8.7	17.4	8.8	17.3

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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	0.4
Edwards:	0.0	0.3
Hollinger Office:	0.5	0.8
Sandy:	1.3	5.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.4
Edwards:	0.2	0.1	0.2
Hollinger Office:	1.0	0.2	0.6
Hollinger West:	3.0	1.4	1.9
Imerys:	1.9	1.5	1.5
Noah:	0.9	1.2	0.9
Moneta Pumping Station:	1.1	0.8	1.2
Sandy:	2.1	1.2	3.2
Water Tower:	2.4	2.6	3.1
Wilson:	1.5	1.3	1.8

