

Hollinger Public Blast Report

Blast Pattern: 3316_070
Date: 28-Jun-21
Blast Time: 11:47
Blast Sign Activation: 7:10
Website Notification Time: 7:04

Blast Conditions

Ceiling Height: 2,297 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 4
Wind Direction: SE
Temperature: 19.5 °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:	56.1 LAeq	110.6 dB
Edwards:	45.6 LAeq	99.0 dB
Fred:	49.1 LAeq	94.8 dB
Hollinger Office:	56.7 LAeq	112.7 dB
Noah:	62.3 LAeq	101.0 dB
Sandy:	46.4 LAeq	101.1 dB
Water Tower:	55.3 LAeq	105.1 dB
Wilson:	50.0 LAeq	99.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	20.1	20.4	32.0	33.5
Edwards:	11.2	12.1	35.9	37.6
Hollinger Office:	12.6	23.4	54.3	118.9
Sandy:	9.0	9.5	33.2	35.1

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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:	1.2	2.0
Edwards:	1.3	2.5
Hollinger Office:	6.0	33.5
Sandy:	10.7	25.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	0.6	1.3
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.4	0.3	0.4
Hollinger West:	0.2	0.1	0.2
Imerys:	0.8	0.2	0.7
Noah:	0.6	0.5	0.7
Moneta Pumping Station:	0.3	0.2	0.4
Sandy:	0.4	0.3	0.3
Water Tower:	0.2	0.2	0.3
Wilson:	0.6	0.6	0.7