

Hollinger Public Blast Report

Blast Pattern: 3316_106
Date: 27-Sep-21
Blast Time: 11:31
Blast Sign Activation: 7:10
Website Notification Time: 7:00

Blast Conditions

Ceiling Height: 1,968 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 100% Overcast
 Wind Speed: 13
 Wind Direction: NW
 Temperature: 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:	57.6 LAeq	108.7 dB
Edwards:	51.5 LAeq	101.9 dB
Fred:	47.2 LAeq	101.0 dB
Hollinger Office:	58.4 LAeq	109.0 dB
Noah:	61.6 LAeq	101.4 dB
Sandy:	48.7 LAeq	100.4 dB
Water Tower:	51.2 LAeq	110.9 dB
Wilson:	54.3 LAeq	102.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.1	1.5	2.8	3.6
Edwards:	3.9	4.8	5.6	7.4
Hollinger Office:	5.7	8.1	8.0	16.4
Sandy:	2.6	3.6	3.7	5.4

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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:	1.1	1.6
Edwards:	0.2	0.7
Hollinger Office:	6.8	8.5
Sandy:	1.8	4.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.1	0.7	1.6
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.4	0.3	0.5
Hollinger West:	0.5	0.4	0.9
Imerys:	0.6	0.3	0.6
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.4	0.1	0.4
Sandy:	0.3	0.2	0.3
Water Tower:	0.2	0.1	0.2
Wilson:	0.7	0.5	0.9