

Hollinger Public Blast Report

Blast Pattern: 3328_123
Date: 21-Sep-20
Blast Time: 11:34
Blast Sign Activation: 7:30
Website Notification Time: 7:23

Blast Conditions

Ceiling Height: 7874 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 26 km/hr
Wind Direction: S
Temperature: 15.6 °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:	58.3 LAeq	110.3 dB
Edwards:	55.1 LAeq	112.6 dB
Fred:	51.8 LAeq	115.7 dB
Hollinger Office:	59.6 LAeq	129.0 dB
Noah:	62.1 LAeq	117.6 dB
Sandy:	56.7 LAeq	112.6 dB
Water Tower:	59.8 LAeq	119.4 dB
Wilson:	56.7 LAeq	112.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:			4.0	5.0
Edwards:	8.7	9.0	13.4	14.2
Hollinger Office:	18.1	21.7	23.7	29.1
Sandy:	11.7	15.8	13.7	21.1

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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:	0.6	1.1
Edwards:	1.1	1.5
Hollinger Office:	1.9	2.4
Sandy:	1.3	1.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	4.9	1.6	2.1
Edwards:	0.4	0.2	0.2
Hollinger Office:	0.4	0.2	0.3
Hollinger West:	0.1	0.1	0.1
Imerys:	0.3	0.2	0.4
Noah:	0.5	0.5	0.4
Moneta Pumping Station:	0.3	0.7	0.1
Sandy:	0.1	0.1	0.1
Water Tower:	0.2	0.1	0.1
Wilson:	0.4	0.2	0.6