

Hollinger Public Blast Report

Blast Pattern: 3298_014
Date: 23-Mar-21
Blast Time: 15:42
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 5900 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 100% Overcast
 Wind Speed: 8
 Wind Direction: E
 Temperature: 7.8 °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	98.7 dB
Edwards:	54.1 LAeq	92.2 dB
Fred:	44.4 LAeq	89.3 dB
Hollinger Office:	58.4 LAeq	103.2 dB
Noah:	60.7 LAeq	98.9 dB
Sandy:	45.6 LAeq	110.0 dB
Water Tower:	50.6 LAeq	113.8 dB
Wilson:	52.4 LAeq	105.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.4	9.8	8.5	9.1
Edwards:	18.8	26.9	28.5	42.3
Hollinger Office:	33.3	39.6	51.2	64.4
Sandy:	6.3	7.4	11.3	14.0

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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:	0.8	0.9
Edwards:	2.2	3.3
Hollinger Office:	3.2	4.3
Sandy:	15.3	56.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.2	0.2	0.3
Hollinger West:	0.5	0.4	0.8
Imerys:	0.4	0.5	0.4
Noah:	0.7	0.8	0.5
Moneta Pumping Station:	0.8	0.8	0.6
Sandy:	1.7	2.0	3.5
Water Tower:	0.5	0.6	0.6
Wilson:	0.9	1.1	1.4