

Hollinger Public Blast Report

Blast Pattern: 3298_021
Date: 16-Apr-21
Blast Time: 15:51
Blast Sign Activation: 7:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 24934 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 20
Wind Direction: N
Temperature: 6.7 °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:	57.8 LAeq	107.3 dB
Edwards:	54.8 LAeq	97.0 dB
Fred:	46.5 LAeq	105.6 dB
Hollinger Office:	57.8 LAeq	104.4 dB
Noah:	61.8 LAeq	102.2 dB
Sandy:	44.8 LAeq	109.5 dB
Water Tower:	49.5 LAeq	111.3 dB
Wilson:	51.7 LAeq	108.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.9	8.8	10.7	12.9
Edwards:	7.9	10.8	14.2	22.8
Hollinger Office:	0.0	0.0	26.6	38.5
Sandy:	13.7	39.4	28.7	71.6

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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:	0.1	0.3
Edwards:	0.3	0.8
Hollinger Office:	2.5	5.3
Sandy:	11.6	110.1

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:	0.0	0.0	0.1
Hollinger Office:	0.8	0.3	0.5
Hollinger West:	1.4	0.3	1.0
Imerys:	1.5	1.4	1.5
Noah:	1.1	1.2	1.6
Moneta Pumping Station:	0.4	0.8	0.4
Sandy:	1.1	0.5	0.9
Water Tower:	4.6	1.5	3.0
Wilson:	1.5	0.8	0.9