

Hollinger Public Blast Report

Blast Pattern: 3298_018
Date: 5-Apr-21
Blast Time: 11:39
Blast Sign Activation: 1:39
Website Notification Time: 7:28

Blast Conditions

Ceiling Height: 29856 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 17
Wind Direction: E
Temperature: 8.1 °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:	54.6 LAeq	101.8 dB
Edwards:	45.7 LAeq	115.7 dB
Fred:	43.0 LAeq	102.4 dB
Hollinger Office:	54.5 LAeq	112.9 dB
Noah:	58.3 LAeq	108.1 dB
Sandy:	48.3 LAeq	109.6 dB
Water Tower:	48.6 LAeq	112.6 dB
Wilson:	50.0 LAeq	104.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.2	15.5	11.7	13.9
Edwards:	12.2	16.7	23.0	30.7
Hollinger Office:	13.4	16.5	25.7	36.1
Sandy:	7.1	8.1	15.4	27.7

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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	1.4
Edwards:	0.7	1.1
Hollinger Office:	2.1	3.4
Sandy:	1.6	3.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.5	0.3	0.6
Hollinger West:	0.8	0.4	0.9
Imerys:	1.0	1.2	1.5
Noah:	1.4	0.7	1.3
Moneta Pumping Station:	0.7	0.9	0.9
Sandy:	2.4	0.9	1.4
Water Tower:	1.7	1.1	1.4
Wilson:	1.4	1.2	2.0