

Hollinger Public Blast Report

Blast Pattern: 3316_052
Date: 23-Apr-21
Blast Time: 11:40
Blast Sign Activation: 8:30
Website Notification Time: 7:22

Blast Conditions

Ceiling Height: 29856 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 9
Wind Direction: SW
Temperature: 12.6 °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:	55.9 LAeq	110.6 dB
Edwards:	50.0 LAeq	101.4 dB
Fred:	43.9 LAeq	106.1 dB
Hollinger Office:	55.9 LAeq	105.6 dB
Noah:	61.9 LAeq	109.0 dB
Sandy:	46.8 LAeq	106.5 dB
Water Tower:	48.0 LAeq	111.6 dB
Wilson:	49.0 LAeq	105.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	12.2	12.9	14.7	15.3
Edwards:	11.7	13.0	21.8	23.1
Hollinger Office:	49.2	64.0	73.1	106.2
Sandy:	7.1	8.6	28.8	31.3

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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:	2.1	4.5
Edwards:	4.5	6.1
Hollinger Office:	13.0	19.3
Sandy:	1.1	1.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.3	0.4
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.9	0.4	0.8
Hollinger West:	1.1	0.2	0.8
Imerys:	1.2	0.8	1.8
Noah:	1.1	1.0	1.2
Moneta Pumping Station:	0.8	0.5	0.9
Sandy:	1.0	0.7	1.3
Water Tower:	1.4	0.5	1.2
Wilson:	1.8	1.2	1.5