

Hollinger Public Blast Report

Blast Pattern: 3322_081, 3310_300
Date: 2-Apr-21
Blast Time: 11:36
Blast Sign Activation: 7:23
Website Notification Time: 7:18

Blast Conditions

Ceiling Height: 29855 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 4
Wind Direction: N
Temperature: -1.8 °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:	52.6 LAeq	106.7 dB
Edwards:	43.4 LAeq	101.0 dB
Fred:	40.8 LAeq	93.5 dB
Hollinger Office:	56.7 LAeq	117.4 dB
Noah:	59.1 LAeq	104.8 dB
Sandy:	43.1 LAeq	107.5 dB
Water Tower:	45.4 LAeq	114.8 dB
Wilson:	44.0 LAeq	105.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	18.8	30.1	12.0	24.0
Edwards:	31.4	75.7	32.8	95.6
Hollinger Office:	26.3	46.3	28.5	51.4
Sandy:	14.9	17.6	13.4	19.3

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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:	3.0	7.2
Edwards:	3.6	10.8
Hollinger Office:	4.9	16.3
Sandy:	1.5	2.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.6
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.8	0.3	0.9
Hollinger West:	0.4	0.3	0.3
Imerys:	1.0	1.1	2.2
Noah:	1.3	0.9	0.9
Moneta Pumping Station:	0.4	0.4	0.4
Sandy:	0.6	0.4	0.6
Water Tower:	0.2	0.7	1.1
Wilson:	0.8	0.9	1.0