

Hollinger Public Blast Report

Blast Pattern: 3322_096, 3310_301 PS
Date: 26-Apr-21
Blast Time: 11:46
Blast Sign Activation: 7:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 29855 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 5
Wind Direction: N
Temperature: 4.9 °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:	53.6 LAeq	101.2 dB
Edwards:	42.5 LAeq	92.9 dB
Fred:	41.0 LAeq	88.4 dB
Hollinger Office:	54.0 LAeq	110.2 dB
Noah:	60.3 LAeq	102.9 dB
Sandy:	43.5 LAeq	104.9 dB
Water Tower:	44.6 LAeq	111.9 dB
Wilson:	50.4 LAeq	99.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.1	15.1	12.8	15.1
Edwards:	15.4	22.0	23.1	31.9
Hollinger Office:	24.9	33.3	25.9	45.9
Sandy:	7.3	11.3	27.1	36.7

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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:	2.4	2.8
Edwards:	1.8	3.7
Hollinger Office:	5.8	16.9
Sandy:	9.3	21.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.4	0.5
Edwards:	0.2	0.1	0.3
Hollinger Office:	0.7	0.6	0.3
Hollinger West:	0.8	0.3	0.9
Imerys:	0.7	0.5	1.1
Noah:	1.0	0.6	1.1
Moneta Pumping Station:	1.0	0.8	1.2
Sandy:	1.0	1.8	1.7
Water Tower:	0.8	0.4	1.1
Wilson:	2.4	1.7	1.8