

Hollinger Public Blast Report

Blast Pattern: 3280_068
Date: 20-Apr-23
Blast Time: 11:35
Blast Sign Activation: 7:29
Website Notification Time: 7:21

Blast Conditions

Ceiling Height: 29,855 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7 km/h
Wind Direction: NE
Temperature: 1.9 °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:	55.1	LAeq	108.9 dB
Edwards:	48.7	LAeq	102.9 dB
Fred:	42.6	LAeq	94.3 dB
Hollinger Office:	55.3	LAeq	116.3 dB
Noah:	60.1	LAeq	103 dB
Sandy:	40	L _{Aeq}	100.5 dB
Water Tower:	45.4	LAeq	109.4 dB
Wilson:	46.8	LAeq	99.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.8	9.6	7.8	9.2
Edwards:	7.4	13.8	9.9	16.1
Hollinger Office:	20.6	50.8	25.1	59.1
Sandy:	9.5	17.5	13.4	25.3

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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:	0.3	0.5
Edwards:	0.5	1.2
Hollinger Office:	2.4	7.0
Sandy:	4.7	10.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.6	0.9	1.1
Edwards:	0.4	0.3	0.4
Hollinger Office:	0.5	0.2	0.3
Hollinger West:	0.3	0.1	0.2
Imerys:	0.3	0.2	0.5
Noah:	0.5	0.3	0.7
Moneta Pumping Station	0.8	0.4	1.1
Sandy:	0.9	0.3	0.4
Water Tower:	0.2	0.1	0.2
Wilson:	0.6	0.3	0.4

