

Hollinger Public Blast Report

Blast Pattern: 3280_057A
Date: 4-Apr-23
Blast Time: 11:40
Blast Sign Activation: 7:30
Website Notification Time: 7:26

Blast Conditions

Ceiling Height: 29,856 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 9 km/h
Wind Direction: S
Temperature: -10.7 °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:	51.1	LAeq	101.6 dB
Edwards:	43.6	LAeq	95.7 dB
Fred:	39.2	LAeq	90.6 dB
Hollinger Office:	51.9	LAeq	109.8 dB
Noah:	57.2	LAeq	98.3 dB
Sandy:		L _{Aeq}	dB
Water Tower:	45.8	LAeq	112 dB
Wilson:	45.6	LAeq	101.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.3	1.8	4.6	5.7
Edwards:	6.8	10.5	11.9	16.1
Hollinger Office:	10.7	15.0	11.6	22.5
Sandy:	8.1	24.0	12.4	34.0

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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	0.4
Edwards:	2.5	3.2
Hollinger Office:	1.5	2.8
Sandy:	8.7	35.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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

