

Hollinger Public Blast Report

Blast Pattern: 3280_055
Date: 25-Mar-23
Blast Time: 11:33
Blast Sign Activation: 7:11
Website Notification Time: 6:59

Blast Conditions

Ceiling Height:	21,982	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	11	km/h
Wind Direction:	E	
Temperature:	-1.5	°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:	53.2	L _{Aeq}	101.0 dB
Edwards:	57	L _{Aeq}	101.7 dB
Fred:	41.1	L _{Aeq}	102.2 dB
Hollinger Office:	52.8	L _{Aeq}	111.2 dB
Noah:	57.8	L _{Aeq}	108.5 dB
Sandy:	39.6	L _{Aeq}	100.3 dB
Water Tower:	49.9	L _{Aeq}	109.5 dB
Wilson:	55	L _{Aeq}	99.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.1	10.1	7.8	12.4
Edwards:	8.3	12.7	15.8	23.0
Hollinger Office:	20.1	31.0	42.2	72.1
Sandy:	7.5	10.6	12.0	21.8

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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:	0.9	1.8
Edwards:	3.7	4.4
Hollinger Office:	1.5	2.1
Sandy:	2.3	5.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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

