

Hollinger Public Blast Report

Blast Pattern: 3256_050/3256-218 PS
Date: 14-Sep-23
Blast Time: 15:48
Blast Sign Activation: 7:32
Website Notification Time: 7:32

Blast Conditions

Ceiling Height:	6,233	ft
Boundary Layer Height:	N/A	m
Cloud Cover:	50%	Partially Cloudy
Wind Speed:	14	km/h
Wind Direction:	W	
Temperature:	18.3	°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:	57.0 LAeq	107.0 dB
Edwards:	50.5 LAeq	103.8 dB
Fred:	43.6 LAeq	100.8 dB
Hollinger Office:	55.7 LAeq	117.8 dB
Noah:	61.9 LAeq	102.6 dB
Sandy:	46.3 LAeq	105.4 dB
Water Tower:	48.5 LAeq	109.4 dB
Wilson:	48.0 LAeq	104.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.4	8.8	8.0	8.5
Edwards:	6.3	7.5	10.8	14.9
Hollinger Office:	21.8	32.0	21.1	32.2
Sandy:	4.9	5.4	8.8	9.7

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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:	0.0	0.2
Edwards:	3.3	5.1
Hollinger Office:	9.9	22.3
Sandy:	0.1	0.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	1.1	0.9
Edwards:	0.7	0.7	0.4
Hollinger Office:	2.2	0.7	1.3
Hollinger West:	0.8	0.6	0.6
Imerys:	1.3	0.9	1.4
Noah:	1.9	1.1	1.4
Moneta Pumping Station	2.3	1.8	1.3
Sandy:	0.0	2.0	2.6
Water Tower:	1.6	0.8	1.3
Wilson:	2.7	1.4	4.9

