

Hollinger Public Blast Report

Blast Pattern: 3274-074W/S
Date: 30-Jul-23
Blast Time: 15:42
Blast Sign Activation: 9:45
Website Notification Time: 9:46

Blast Conditions

Ceiling Height:	2,625	ft
Boundary Layer Height:	N/A	m
Cloud Cover:	100%	Overcast Rain
Wind Speed:	6	km/h
Wind Direction:	W	
Temperature:	16.7	°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:	55.3 LAeq	106.5 dB
Edwards:	47.5 LAeq	100.6 dB
Fred:	44.8 LAeq	93.8 dB
Hollinger Office:	54.8 LAeq	108.6 dB
Noah:	62.3 LAeq	97.8 dB
Sandy:	42.8 LAeq	97.5 dB
Water Tower:	47.6 LAeq	103.9 dB
Wilson:	45.3 LAeq	94.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.6	9.6	2.3	2.6
Edwards:	15.8	20.2	12.1	15.7
Hollinger Office:	8.3	12.6	52.7	55.3
Sandy:	9.4	13.1	18.0	20.2

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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:	0.7	2.3
Edwards:	3.0	8.2
Hollinger Office:	1.7	2.1
Sandy:	1.0	1.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	0.4	0.8
Edwards:	0.2	0.3	0.4
Hollinger Office:	1.7	0.9	1.3
Hollinger West:	0.3	0.2	0.3
Imerys:	0.7	0.9	1.2
Noah:	1.0	0.5	0.8
Moneta Pumping Station	0.6	0.3	0.6
Sandy:	7.1	0.3	1.8
Water Tower:	1.1	0.5	1.3
Wilson:	1.5	0.8	1.3

