

Hollinger Public Blast Report

Blast Pattern: 3280_074A
Date: 27-May-23
Blast Time: 15:34
Blast Sign Activation: 7:18
Website Notification Time: 7:10

Blast Conditions

Ceiling Height:	29,855	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	0%	Clear
Wind Speed:	9	km/h
Wind Direction:	W	
Temperature:	29.2	°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:	53.8 LAeq	106.8 dB
Edwards:	49.0 LAeq	104.2 dB
Fred:	44.1 LAeq	102.4 dB
Hollinger Office:	55.9 LAeq	104.1 dB
Noah:	61.0 LAeq	108 dB
Sandy:	44.7 Laeq	103.8 dB
Water Tower:	47.9 LAeq	114.6 dB
Wilson:	47.4 LAeq	108.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	26.8	32.6	17.2	27.8
Edwards:	41.6	71.8	0.0	0.0
Hollinger Office:	52.5	105.8	64.0	118.1
Sandy:	30.6	37.6	33.7	46.6

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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:	0.1	0.6
Edwards:	4.1	5.8
Hollinger Office:	5.7	9.3
Sandy:	0.0	0.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.0	0.5	0.9
Hollinger West:	0.3	0.1	0.3
Imerys:	0.8	0.4	1.2
Noah:	0.8	0.6	0.7
Moneta Pumping Station	0.4	0.3	0.3
Sandy:	0.4	0.3	0.5
Water Tower:	0.7	0.3	0.6
Wilson:	1.0	0.8	0.9

