

Hollinger Public Blast Report

Blast Pattern: 3274_005
Date: 6-May-23
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	29,855	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	0%	Clear
Wind Speed:	7	km/h
Wind Direction:	SE	
Temperature:	16.2	°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:	53.1 LAeq	111.2 dB
Edwards:	57.7 LAeq	98.5 dB
Fred:	41.1 LAeq	93.0 dB
Hollinger Office:	53.9 LAeq	114.9 dB
Noah:	LAeq	dB
Sandy:	42.5 LAeq	102.9 dB
Water Tower:	47.3 LAeq	111.8 dB
Wilson:	51.9 LAeq	100.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.6	11.2	5.3	10.2
Edwards:	15.7	16.9	6.3	11.6
Hollinger Office:	7.5	22.3	20.1	35.8
Sandy:	1.0	1.6	2.6	4.5

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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	0.3
Edwards:	1.2	2.6
Hollinger Office:	2.4	5.9
Sandy:	0.2	0.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.9	0.5	1.1
Edwards:	0.3	0.2	0.4
Hollinger Office:	0.5	0.2	0.5
Hollinger West:	0.4	0.1	0.3
Imerys:	0.5	0.3	0.4
Noah:	0.6	0.4	0.6
Moneta Pumping Station	0.7	0.7	1.0
Sandy:	0.8	0.3	0.8
Water Tower:	0.4	0.2	0.5
Wilson:	0.7	0.3	0.6

