

Hollinger Public Blast Report

Blast Pattern: 3274_056B/3274_057B
Date: 14-May-23
Blast Time: 11:33
Blast Sign Activation: 7:45
Website Notification Time: 7:42

Blast Conditions

Ceiling Height:	29,856	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	0%	Clear
Wind Speed:	7	km/h
Wind Direction:	NW	
Temperature:	11.5	°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:	54.5 LAeq	104.6 dB
Edwards:	45.6 LAeq	97.5 dB
Fred:	50.4 LAeq	98.4 dB
Hollinger Office:	54.1 LAeq	107.1 dB
Noah:	LAeq	dB
Sandy:	40.7 LAeq	99.6 dB
Water Tower:	44.4 LAeq	107.4 dB
Wilson:	47.7 LAeq	102 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.9	9.2	5.6	7.6
Edwards:	9.7	10.6	0.0	0.0
Hollinger Office:	6.5	8.8	16.6	24.6
Sandy:	16.3	46.4	18.6	59.6

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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:	0.0	0.2
Edwards:	0.2	0.5
Hollinger Office:	0.5	1.2
Sandy:	3.0	7.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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

