

Hollinger Public Blast Report

Blast Pattern: 3274_056A
Date: 13-May-23
Blast Time: 11:31
Blast Sign Activation: 7:25
Website Notification Time: 7:20

Blast Conditions

Ceiling Height:	21,982	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	50%	Partially Cloudy
Wind Speed:	13	km/h
Wind Direction:	NW	
Temperature:	10.1	°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:	56.7 LAeq	106.4 dB
Edwards:	49.9 LAeq	108.3 dB
Fred:	46.4 LAeq	107.8 dB
Hollinger Office:	56.2 LAeq	110.8 dB
Noah:	LAeq	dB
Sandy:	43.8 LAeq	111 dB
Water Tower:	49.5 LAeq	115.7 dB
Wilson:	48.9 LAeq	111.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.6	9.9	5.8	8.2
Edwards:	6.9	7.7	0.0	0.0
Hollinger Office:	8.1	10.9	21.2	30.9
Sandy:	23.8	45.3	25.1	54.9

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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	0.0
Edwards:	0.4	0.6
Hollinger Office:	0.9	3.8
Sandy:	5.8	21.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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

