

Hollinger Public Blast Report

Blast Pattern: 3274-076 ws
Date: 8-Aug-23
Blast Time: 15:38
Blast Sign Activation: 7:21
Website Notification Time: 7:25

Blast Conditions

Ceiling Height:	21,982	ft
Boundary Layer Height:	N/A	m
Cloud Cover:	50%	Partially Cloudy
Wind Speed:	9	km/h
Wind Direction:	SW	
Temperature:	25.7	°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:	56.5 LAeq	113.4 dB
Edwards:	48.8 LAeq	104.1 dB
Fred:	41.8 LAeq	99.8 dB
Hollinger Office:	55.9 LAeq	113.7 dB
Noah:	64.5 LAeq	101.9 dB
Sandy:	45.7 Laeq	101.6 dB
Water Tower:	48.5 LAeq	111.1 dB
Wilson:	49.0 LAeq	101.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	21.6	22.1	1.6	1.8
Edwards:	14.1	15.0	32.0	36.7
Hollinger Office:	17.0	17.9	65.7	68.2
Sandy:	19.8	22.5	28.7	32.9

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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:	0.1	0.2
Edwards:	1.0	1.8
Hollinger Office:	2.2	2.9
Sandy:	1.2	2.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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

