

Hollinger Public Blast Report

Blast Pattern: 3286_077
Date: 27-Apr-23
Blast Time: 11:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	15,091	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast
Wind Speed:	11	km/h
Wind Direction:	SW	
Temperature:	6.4	°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:	53.6 LAeq	103.2 dB
Edwards:	43.8 LAeq	102.7 dB
Fred:	40.0 LAeq	104.6 dB
Hollinger Office:	52.4 LAeq	110.5 dB
Noah:	57.2 LAeq	107.5 dB
Sandy:	45.4 LAeq	102 dB
Water Tower:	44.6 LAeq	107.5 dB
Wilson:	47.6 LAeq	101.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.8	8.2	5.2	6.1
Edwards:	9.8	11.5	7.4	10.1
Hollinger Office:	4.7	10.6	13.8	30.8
Sandy:	3.3	4.5	6.4	11.4

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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:	0.3	1.0
Edwards:	1.4	3.1
Hollinger Office:	5.3	22.7
Sandy:	0.4	0.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.3
Edwards:	0.1	0.2	0.1
Hollinger Office:	4.5	1.2	4.9
Hollinger West:	0.3	0.1	0.2
Imerys:	1.0	0.6	0.9
Noah:	0.9	0.7	1.0
Moneta Pumping Station	0.2	0.1	0.2
Sandy:	0.1	0.1	0.2
Water Tower:	0.6	0.4	0.5
Wilson:	0.5	0.3	0.5

