

Hollinger Public Blast Report

Blast Pattern: 3268_065
Date: 23-Aug-23
Blast Time: 15:32
Blast Sign Activation: 7:30
Website Notification Time: 7:25

Blast Conditions

Ceiling Height:	20,131	ft
Boundary Layer Height:	N/A	m
Cloud Cover:	75%	Cloudy
Wind Speed:	6	km/h
Wind Direction:	S	
Temperature:	23.1	°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:	54.6 LAeq	102.5 dB
Edwards:	45.7 LAeq	96.2 dB
Fred:	41.1 LAeq	103.7 dB
Hollinger Office:	54.4 LAeq	106.6 dB
Noah:	61.1 LAeq	101.8 dB
Sandy:	46.5 Laeq	97.6 dB
Water Tower:	47.4 LAeq	106.9 dB
Wilson:	50.3 LAeq	98.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	15.4	20.6	2.3	3.9
Edwards:	9.1	9.9	27.4	29.4
Hollinger Office:	16.6	28.3	71.2	119.5
Sandy:	15.2	16.2	23.4	27.4

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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:	0.0	0.1
Edwards:	0.0	0.0
Hollinger Office:	3.1	9.5
Sandy:	0.4	0.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.4	0.5	1.4
Hollinger West:	0.2	0.1	0.2
Imerys:	0.6	0.4	0.6
Noah:	0.6	0.5	0.8
Moneta Pumping Station	0.1	0.1	0.2
Sandy:	0.0	0.1	0.2
Water Tower:	0.3	0.2	0.4
Wilson:	0.7	0.5	0.5

