

Hollinger Public Blast Report

Blast Pattern: 3280_066A/65B
Date: 7-May-23
Blast Time: 11:37
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	6,234	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	50%	Partially Cloudy
Wind Speed:	11	km/h
Wind Direction:	NE	
Temperature:	9.4	°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:	55.0 LAeq	101.7 dB
Edwards:	46.3 LAeq	96.7 dB
Fred:	43.9 LAeq	91.0 dB
Hollinger Office:	54.9 LAeq	107.4 dB
Noah:	61.2 LAeq	102.3 dB
Sandy:	40.7 LAeq	97.9 dB
Water Tower:	46.3 LAeq	91.8 dB
Wilson:	45.5 LAeq	98 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.3	8.8	6.0	7.5
Edwards:	10.9	12.0	15.1	19.5
Hollinger Office:	13.7	24.3	19.2	39.4
Sandy:	8.5	21.3	7.9	23.8

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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:	1.6	2.0
Hollinger Office:	0.2	0.4
Sandy:	5.6	16.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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

