

Hollinger Public Blast Report

Blast Pattern: 3268-068/3262-058
Date: 9-Sep-23
Blast Time: 11:34
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 29,855 ft
Boundary Layer Height: N/A m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 4 km/h
Wind Direction: E
Temperature: 16.0 °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:	55.4 LAeq	102.5 dB
Edwards:	58.4 LAeq	95.5 dB
Fred:	41.5 LAeq	89.8 dB
Hollinger Office:	54.7 LAeq	108.6 dB
Noah:	59.1 LAeq	97.5 dB
Sandy:	43.2 Laeq	92.4 dB
Water Tower:	48.5 LAeq	107.3 dB
Wilson:	49.6 LAeq	94.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.4	7.1	7.0	8.9
Edwards:	7.4	8.2	8.6	13.3
Hollinger Office:	5.6	7.8	47.5	52.2
Sandy:	5.0	5.5	4.7	6.1

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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:	7.2	16.6
Hollinger Office:	5.0	14.4
Sandy:	0.4	0.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.1	0.4
Edwards:	0.1	0.1	1.0
Hollinger Office:	1.1	0.7	1.0
Hollinger West:	0.4	0.2	0.3
Imerys:	0.6	0.7	0.7
Noah:	0.9	0.5	0.9
Moneta Pumping Station	0.4	0.2	0.3
Sandy:	0.0	0.2	0.4
Water Tower:	0.7	0.3	0.6
Wilson:	0.8	0.4	0.7

