

Hollinger Public Blast Report

Blast Pattern: 3256_217PS
Date: 6-Sep-23
Blast Time: 11:31
Blast Sign Activation: 7:58
Website Notification Time: 7:52

Blast Conditions

Ceiling Height: 2,624 ft
Boundary Layer Height: N/A m
Cloud Cover: 75% Cloudy
Wind Speed: 6 km/h
Wind Direction: SW
Temperature: 27.0 °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:	55.2 LAeq	115.2 dB
Edwards:	45.0 LAeq	100.3 dB
Fred:	43.5 LAeq	96.8 dB
Hollinger Office:	56.4 LAeq	114.5 dB
Noah:	59.4 LAeq	101.4 dB
Sandy:	45.4 LAeq	103.3 dB
Water Tower:	47.1 LAeq	111.6 dB
Wilson:	49.7 LAeq	100.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.1	13.9	16.2	18.2
Edwards:	15.8	22.4	27.9	34.7
Hollinger Office:	7.6	8.5	100.0	104.3
Sandy:	12.9	18.0	21.6	26.7

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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:	2.2	3.6
Hollinger Office:	3.8	5.6
Sandy:	0.4	1.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	2.0	1.4
Edwards:	0.8	0.8	0.3
Hollinger Office:	1.1	0.8	1.0
Hollinger West:	1.2	1.2	0.7
Imerys:	1.7	1.6	1.8
Noah:	2.5	1.0	1.5
Moneta Pumping Station	1.2	0.6	0.9
Sandy:	0.3	1.9	3.1
Water Tower:	2.3	2.0	2.1
Wilson:	5.7	2.8	5.9

