

Hollinger Public Blast Report

Blast Pattern: 3268-024
Date: 25-Jul-23
Blast Time: 15:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 20,997 ft
Boundary Layer Height: N/A m
Cloud Cover: 0% Clear
Wind Speed: 7 km/h
Wind Direction: W
Temperature: 25.6 °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:	56.5 LAeq	105.3 dB
Edwards:	49.7 LAeq	98.8 dB
Fred:	43.8 LAeq	98.3 dB
Hollinger Office:	57.0 LAeq	118.7 dB
Noah:	62.0 LAeq	101.6 dB
Sandy:	51.3 LAeq	101 dB
Water Tower:	49.5 LAeq	107 dB
Wilson:	51.4 LAeq	99.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	19.7	24.7	1.9	2.8
Edwards:	11.5	14.5	28.8	50.7
Hollinger Office:	19.6	38.7	62.3	134.0
Sandy:	15.1	16.3	13.8	16.3

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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:	0.6	1.3
Edwards:	2.2	3.3
Hollinger Office:	6.5	9.0
Sandy:	0.6	1.1

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	0.2
Hollinger Office:	0.7	0.3	0.5
Hollinger West:	0.2	0.1	0.1
Imerys:	0.7	0.4	0.6
Noah:	0.4	0.4	0.5
Moneta Pumping Station	0.3	0.2	0.3
Sandy:	0.0	0.2	0.3
Water Tower:	0.4	0.2	0.4
Wilson:	1.0	0.4	0.9

