

Hollinger Public Blast Report

Blast Pattern: 3238_053
Date: 2-Jun-24
Blast Time: 11:37
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 3,500 ft
Boundary Layer Height: N/A m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 6 km/h
Wind Direction: SW
Temperature: 20.8 °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:	52.6	LAeq	109.7	dB
Edwards:	46.0	LAeq	100.1	dB
Fred:	44.4	LAeq	92.2	dB
Hollinger Office:	62.9	LAeq	110.2	dB
Noah:	58.7	LAeq	103.6	dB
Sandy:	45.7	L _{Aeq}	98.1	dB
Water Tower:	45.8	LAeq	108.9	dB
Wilson:	43.7	LAeq	98.6	dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	25.4	26.2	13.4	15.2
Edwards:	7.6	13.2	16.5	36.6
Hollinger Office:	23.4	78.5	26.0	113.6
Sandy:	10.3	11.5	10.6	14.2

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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:	0.3	0.7
Edwards:	2.2	5.2
Hollinger Office:	4.2	11.2
Sandy:	2.2	2.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.4	1.0
Hollinger West:	0.4	0.1	0.5
Imerys:	0.8	0.5	0.7
Noah:	0.7	0.7	1.0
Moneta Pumping Station	0.5	0.4	0.6
Sandy:	0.0	0.3	0.8
Water Tower:	0.9	0.4	0.6
Wilson:	1.0	0.5	1.3

