

Hollinger Public Blast Report

Blast Pattern: 3238_057
Date: 20-Jun-24
Blast Time: 15:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 20,000 ft
Boundary Layer Height: N/A m
Cloud Cover: 0% Clear
Wind Speed: 6 km/h
Wind Direction: NW
Temperature: 23.3 °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	100.9	dB
Edwards:	47.4	LAeq	92.6	dB
Fred:	44.4	LAeq	97.5	dB
Hollinger Office:	55.5	LAeq	108.0	dB
Noah:	61.1	LAeq	102.5	dB
Sandy:	54.2	Laeq	92.9	dB
Water Tower:	49.0	LAeq	105.8	dB
Wilson:	48.8	LAeq	96.8	dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	15.3	15.9	3.3	3.9
Edwards:	7.3	9.1	4.3	10.9
Hollinger Office:	3.1	5.2	20.5	25.4
Sandy:	2.2	3.9	0.0	0.0

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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	0.4
Edwards:	0.7	2.4
Hollinger Office:	0.0	0.1
Sandy:	0.0	0.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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

