

Hollinger Public Blast Report

Blast Pattern: 3262-057
Date: 4-Sep-23
Blast Time: 15:47
Blast Sign Activation: 7:33
Website Notification Time: 7:35

Blast Conditions

Ceiling Height:	29,855	ft
Boundary Layer Height:	N/A	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	15	km/h
Wind Direction:	SE	
Temperature:	31.0	°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:	52.6 LAeq	107.0 dB
Edwards:	44.0 LAeq	103.3 dB
Fred:	39.4 LAeq	92.7 dB
Hollinger Office:	53.0 LAeq	112.9 dB
Noah:	64.3 LAeq	101.7 dB
Sandy:	42.7 Laeq	98.3 dB
Water Tower:	48.4 LAeq	109.4 dB
Wilson:	44.2 LAeq	96.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	44.0	49.6	2.4	2.5
Edwards:	21.2	22.3	107.0	111.8
Hollinger Office:	28.4	29.2	155.1	164.5
Sandy:	35.5	37.0	84.3	90.5

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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:	0.5	0.6
Edwards:	0.3	0.6
Hollinger Office:	1.6	4.5
Sandy:	0.0	0.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.6
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.7	0.5	0.7
Hollinger West:	0.2	0.2	0.1
Imerys:	0.5	0.4	1.0
Noah:	0.5	0.3	0.9
Moneta Pumping Station	0.3	0.1	0.2
Sandy:	0.0	0.2	0.4
Water Tower:	0.5	0.2	0.5
Wilson:	1.2	0.6	0.9

