

Hollinger Public Blast Report

Blast Pattern: 3304-089
Date: 24-Sep-22
Blast Time: 15:40:00 PM
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	4,593	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	7	km/hr
Wind Direction:	W	
Temperature:	16.5	°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:	L _{Aeq}	dB
Edwards:	49.1 L _{Aeq}	98.4 dB
Fred:	42.9 L _{Aeq}	94.0 dB
Hollinger Office:	54.6 L _{Aeq}	105.6 dB
Noah:	62.0 L _{Aeq}	102.4 dB
Sandy:	45.5 L _{Aeq}	100.0 dB
Water Tower:	46.1 L _{Aeq}	106.3 dB
Wilson:	46.5 L _{Aeq}	98.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.7	8.0	2.8	3.8
Edwards:	6.6	6.9	5.9	7.4
Hollinger Office:	20.6	36.8	16.9	34.3
Sandy:	7.9	21.0	5.6	12.9

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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	1.4
Edwards:	0.8	2.0
Hollinger Office:	5.6	8.4
Sandy:	0.3	0.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.6
Edwards:	0.1	0.1	0.1
Hollinger Office:	3.8	1.5	3.6
Hollinger West:	0.3	0.1	0.3
Imerys:	3.6	1.5	2.0
Noah:	1.9	1.5	1.7
Moneta Pumping Station:	0.2	0.2	0.3
Sandy:	14.8	0.1	5.0
Water Tower:	1.0	0.4	1.3
Wilson:	0.7	0.5	0.7

