

Hollinger Public Blast Report

Blast Pattern: 3262-062
Date: 22-Sep-23
Blast Time: 15:30
Blast Sign Activation: 7:50
Website Notification Time: 7:50

Blast Conditions

Ceiling Height:	1,640	ft
Boundary Layer Height:	N/A	m
Cloud Cover:	50%	Partially Cloudy
Wind Speed:	6	km/h
Wind Direction:	NW	
Temperature:	18.3	°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:	57.3 LAeq	104.4 dB
Edwards:	50.2 LAeq	95.5 dB
Fred:	44.7 LAeq	89.1 dB
Hollinger Office:	57.6 LAeq	105.8 dB
Noah:	61.6 LAeq	102.1 dB
Sandy:	42.0 Laeq	96.2 dB
Water Tower:	47.7 LAeq	105.7 dB
Wilson:	45.5 LAeq	95.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	32.7	35.2	31.8	36.2
Edwards:	12.4	13.3	55.6	59.4
Hollinger Office:	32.3	37.4	66.0	81.8
Sandy:	25.6	37.1	54.3	88.3

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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:	0.2	0.4
Edwards:	0.3	0.7
Hollinger Office:	6.2	14.6
Sandy:	9.2	20.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:			
Hollinger Office:	1.0	0.5	0.7
Hollinger West:	0.5	0.2	0.3
Imerys:	0.6	0.5	1.5
Noah:	0.9	0.6	1.1
Moneta Pumping Station	0.5	0.3	0.5
Sandy:	0.0	0.4	0.7
Water Tower:	0.7	0.4	0.8
Wilson:	1.2	0.7	1.1

