

Hollinger Public Blast Report

Blast Pattern: 3310-101
Date: 19-Apr-22
Blast Time: 15:49
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	4,921	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	50%	Partially Cloudy
Wind Speed:	31	
Wind Direction:	N	
Temperature:	3.6	°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:	59.6 LAeq	111.8 dB
Edwards:	57.3 LAeq	114.3 dB
Fred:	59.0 LAeq	125.0 dB
Hollinger Office:	62.1 LAeq	120.9 dB
Noah:	62.8 LAeq	114.7 dB
Sandy:	56.0 LAeq	119.4 dB
Water Tower:	61.1 LAeq	123.3 dB
Wilson:	62.4 LAeq	122.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.2	9.2	6.7	7.3
Edwards:	13.1	19.7	20.5	30.7
Hollinger Office:	38.1	57.9	47.0	90.6
Sandy:	8.7	18.4	12.8	23.7

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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:	0.0	0.0
Edwards:	0.3	0.8
Hollinger Office:	1.8	2.2
Sandy:	5.4	37.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.3	0.4
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.4	0.4	0.6
Hollinger West:	0.2	0.1	0.3
Imerys:	0.4	0.2	0.4
Noah:	0.9	0.6	1.0
Moneta Pumping Station:	0.9	0.5	0.5
Sandy:	0.7	0.5	0.8
Water Tower:	0.2	0.3	0.3
Wilson:	1.4	0.7	1.3

