

Hollinger Public Blast Report

Blast Pattern: 3316_094
Date: 23-Sep-21
Blast Time: 11:35
Blast Sign Activation: 7:44
Website Notification Time: 7:34

Blast Conditions

Ceiling Height:	14,107	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	50%	Partially Cloudy
Wind Speed:	17	
Wind Direction:	NE	
Temperature:	7.3	°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:	59.5 LAeq	102.4 dB
Edwards:	54.0 LAeq	110.2 dB
Fred:	48.6 LAeq	105.5 dB
Hollinger Office:	59.2 LAeq	112.9 dB
Noah:	62.5 LAeq	113.9 dB
Sandy:	48.4 LAeq	112.4 dB
Water Tower:	55.1 LAeq	122.9 dB
Wilson:	50.5 LAeq	108.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.1	1.3	3.3	3.5
Edwards:	4.8	5.8	7.0	9.1
Hollinger Office:	2.5	2.7	6.4	8.1
Sandy:	2.3	3.9	6.6	12.7

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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:	0.1	0.3
Edwards:	0.3	0.6
Hollinger Office:	5.9	10.4
Sandy:	3.3	7.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.6	0.5
Edwards:	0.2	0.2	0.3
Hollinger Office:	0.8	0.4	0.6
Hollinger West:	0.4	0.2	0.3
Imerys:	0.7	0.4	0.6
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.6	0.5	0.6
Sandy:	0.7	0.6	0.8
Water Tower:	0.4	0.4	0.4
Wilson:	1.7	1.0	3.4