

Hollinger Public Blast Report

Blast Pattern: 3310-071
Date: 19-Dec-21
Blast Time: 11:34
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	29,855	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	50%	Partially Cloudy
Wind Speed:	4	
Wind Direction:	W	
Temperature:	-16.3	°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:	50.4 LAeq	111.1 dB
Edwards:	41.4 LAeq	98.5 dB
Fred:	40.2 LAeq	90.5 dB
Hollinger Office:	52.4 LAeq	109.8 dB
Noah:	58.0 LAeq	105.3 dB
Sandy:	43.0 LAeq	102.8 dB
Water Tower:	45.2 LAeq	110.6 dB
Wilson:	49.6 LAeq	103.8 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.3	4.2	3.8	6.5
Edwards:	3.2	4.3	9.5	12.3
Hollinger Office:	5.1	7.9	11.0	31.5
Sandy:	2.8	3.7	4.7	5.4

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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:	2.0	5.7
Edwards:	18.3	20.1
Hollinger Office:	13.1	36.0
Sandy:	1.2	2.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.4
Edwards:	0.2	0.1	0.3
Hollinger Office:	0.8	0.5	0.8
Hollinger West:	0.4	0.2	0.3
Imerys:	0.7	0.5	0.6
Noah:	0.9	0.6	0.6
Moneta Pumping Station:	1.0	0.6	1.1
Sandy:	1.1	0.7	1.1
Water Tower:	0.6	0.7	0.6
Wilson:	2.1	1.0	2.9