

Hollinger Public Blast Report

Blast Pattern: 3274_005
Date: 20-Jan-22
Blast Time: 11:35
Blast Sign Activation: 7:40
Website Notification Time: 7:35

Blast Conditions

Ceiling Height:	29,856	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	11	
Wind Direction:	W	
Temperature:	-25.1	°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:	53.8 LAeq	108.2 dB
Edwards:	49.5 LAeq	96.3 dB
Fred:	44.1 LAeq	104.5 dB
Hollinger Office:	56.5 LAeq	101.6 dB
Noah:	58.3 LAeq	100.8 dB
Sandy:	50.1 LAeq	104.8 dB
Water Tower:	44.3 LAeq	105.1 dB
Wilson:	52.4 LAeq	105.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.1	8.2	5.0	6.4
Edwards:	7.2	10.5	17.0	25.3
Hollinger Office:	7.2	8.2	12.9	17.3
Sandy:	5.0	5.5	8.8	9.6

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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:	3.4	5.9
Edwards:	14.4	16.8
Hollinger Office:	28.0	31.7
Sandy:	3.3	5.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	0.7	0.7	0.9
Imerys:	0.7	0.4	0.4
Noah:	1.2	0.9	0.9
Moneta Pumping Station:	0.8	0.6	0.8
Sandy:	3.2	1.7	3.2
Water Tower:	0.8	1.1	0.8
Wilson:	1.8	1.5	2.3