

Hollinger Public Blast Report

Blast Pattern: 3316_073
Date: 10-Jun-21
Blast Time: 11:36
Blast Sign Activation: 7:00
Website Notification Time: 6:53

Blast Conditions

Ceiling Height:	11,155	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast
Wind Speed:	9	
Wind Direction:	SE	
Temperature:	11.9	°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:	56.2 L_{Aeq}	111.6 dB
Edwards:	L_{Aeq}	dB
Fred:	45.9 L_{Aeq}	94.1 dB
Hollinger Office:	56.2 L_{Aeq}	121.7 dB
Noah:	61.2 L_{Aeq}	109.6 dB
Sandy:	47.2 L_{Aeq}	105.0 dB
Water Tower:	68.3 L_{Aeq}	110.9 dB
Wilson:	53.1 L_{Aeq}	104.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.3	7.7	22.2	25.9
Edwards:	11.4	14.0	14.5	23.2
Hollinger Office:	14.2	23.5	23.6	55.6
Sandy:	15.8	42.6	32.7	94.5

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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:	1.2	2.0
Edwards:	1.7	3.2
Hollinger Office:	1.9	3.2
Sandy:	3.5	9.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.4	0.7	1.0
Edwards:	0.0	0.0	0.0
Hollinger Office:	1.2	0.9	1.4
Hollinger West:	0.2	0.2	0.2
Imerys:	1.6	0.4	0.0
Noah:	1.4	0.6	1.7
Moneta Pumping Station:	0.4	0.1	0.2
Sandy:	0.3	0.2	0.4
Water Tower:	0.4	0.2	0.4
Wilson:	0.7	0.8	0.9