

Hollinger Public Blast Report

Blast Pattern: 3280_017
Date: 15-Dec-21
Blast Time: 11:32
Blast Sign Activation: 7:10
Website Notification Time: 7:05

Blast Conditions

Ceiling Height:	4,921	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast
Wind Speed:	30	
Wind Direction:	S	
Temperature:	0.6	°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:	51.9 LAeq	102.7 dB
Edwards:	49.0 LAeq	110.8 dB
Fred:	48.1 LAeq	114.0 dB
Hollinger Office:	55.2 LAeq	114.3 dB
Noah:	57.9 LAeq	109.4 dB
Sandy:	47.1 LAeq	106.8 dB
Water Tower:	53.6 LAeq	117.4 dB
Wilson:	54.4 LAeq	111.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.4	7.0	5.6	6.4
Edwards:	3.1	3.5	8.4	9.5
Hollinger Office:	5.0	7.6	13.9	23.7
Sandy:	1.4	1.6	6.3	7.7

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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:	2.2	11.0
Edwards:	19.8	21.0
Hollinger Office:	9.2	11.3
Sandy:	1.2	1.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.8	0.3	0.4
Hollinger West:	0.6	0.4	0.6
Imerys:	1.0	1.4	0.6
Noah:	1.0	1.0	1.1
Moneta Pumping Station:	0.4	0.2	0.4
Sandy:	1.1	0.5	0.7
Water Tower:	3.3	2.3	3.2
Wilson:	1.2	0.9	1.5