

Hollinger Public Blast Report

Blast Pattern: 3280_012
Date: 9-Dec-21
Blast Time: 13:41
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	20,013	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast
Wind Speed:	6	
Wind Direction:	S	
Temperature:	-15.1	°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:	50.1 LAeq	93.9 dB
Edwards:	45.4 LAeq	102.8 dB
Fred:	41.0 LAeq	102.0 dB
Hollinger Office:	52.9 LAeq	103.0 dB
Noah:	56.4 LAeq	100.5 dB
Sandy:	42.5 LAeq	102.5 dB
Water Tower:	45.5 LAeq	109.5 dB
Wilson:	49.5 LAeq	104.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.4	2.8	1.9	2.1
Edwards:	2.5	2.8	4.7	6.4
Hollinger Office:	7.2	12.8	10.3	25.8
Sandy:	1.7	2.5	5.2	6.5

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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:	0.7	0.9
Edwards:	13.1	13.9
Hollinger Office:	8.4	11.5
Sandy:	2.3	3.8

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	0.1	0.1
Hollinger Office:	0.7	0.3	0.4
Hollinger West:	1.0	0.4	0.8
Imerys:	1.2	1.1	0.7
Noah:	1.2	1.0	1.3
Moneta Pumping Station:	0.5	0.2	0.7
Sandy:	1.3	0.9	1.6
Water Tower:	2.2	1.5	2.0
Wilson:	1.4	1.2	1.5