

Hollinger Public Blast Report

Blast Pattern: 3280_016
Date: 23-Dec-21
Blast Time: 11:31
Blast Sign Activation: 7:36
Website Notification Time: 7:31

Blast Conditions

Ceiling Height:	3,281	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast Snow
Wind Speed:	6	
Wind Direction:	SE	
Temperature:	-14.6	°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:	49.3 LAeq	97.0 dB
Edwards:	45.2 LAeq	107.5 dB
Fred:	42.8 LAeq	98.3 dB
Hollinger Office:	52.2 LAeq	104.2 dB
Noah:	56.2 LAeq	103.8 dB
Sandy:	LAeq	dB
Water Tower:	46.2 LAeq	110.0 dB
Wilson:	51.2 LAeq	102.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.5	8.9	3.9	5.2
Edwards:	9.6	12.8	5.9	6.7
Hollinger Office:	13.5	16.7	8.9	11.9
Sandy:	0.0	0.0	5.0	6.2

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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:	7.3	18.5
Edwards:	15.8	19.4
Hollinger Office:	13.4	24.6
Sandy:	1.3	2.0

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:	0.0	0.0	0.1
Hollinger Office:	0.5	0.3	0.4
Hollinger West:	3.2	1.3	1.7
Imerys:	0.0	0.0	0.0
Noah:	1.6	1.4	1.5
Moneta Pumping Station:	0.4	0.3	0.6
Sandy:	0.7	0.4	0.9
Water Tower:	2.2	2.8	2.2
Wilson:	2.2	1.9	3.3