

Hollinger Public Blast Report

Blast Pattern: 3280_015
Date: 5-Jan-22
Blast Time: 11:33
Blast Sign Activation: 8:30
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2,953 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 28
Wind Direction: NE
Temperature: -16.7 °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:	50.8 LAeq	101.7 dB
Edwards:	50.9 LAeq	107.7 dB
Fred:	44.1 LAeq	109.2 dB
Hollinger Office:	54.9 LAeq	112.4 dB
Noah:	55.4 LAeq	113.8 dB
Sandy:	42.8 LAeq	108.8 dB
Water Tower:	49.6 LAeq	116.2 dB
Wilson:	53.1 LAeq	109.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.1	20.1	3.5	5.0
Edwards:	39.4	65.8	8.7	11.6
Hollinger Office:	112.2	137.5	8.4	11.5
Sandy:	47.9	87.1	11.6	19.9

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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:	0.0	0.2
Edwards:	16.7	17.5
Hollinger Office:	7.2	8.1
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	0.0	0.1
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.2	0.2	0.2
Hollinger West:	2.4	1.7	1.6
Imerys:	0.2	0.5	0.2
Noah:	0.8	0.7	0.8
Moneta Pumping Station:	0.5	0.4	0.4
Sandy:	0.9	0.4	0.7
Water Tower:	1.8	1.8	0.9
Wilson:	2.5	2.1	3.2