

Hollinger Public Blast Report

Blast Pattern: 3316_014
Date: 9-May-20
Blast Time: 11:37
Blast Sign Activation: 7:30
Website Notification Time: 7:15

Blast Conditions

Ceiling Height: 2998 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 24 km/hr
Wind Direction: NW
Temperature: -2.5 °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:	54.2 LAeq	112.1 dB
Edwards:	53.0 LAeq	105.0 dB
Fred:	44.1 LAeq	105.4 dB
Hollinger Office:	55.5 LAeq	112.5 dB
Noah:	61.0 LAeq	111.8 dB
Sandy:	42.4 LAeq	114.8 dB
Water Tower:	53.8 LAeq	122.0 dB
Wilson:	49.5 LAeq	111.7 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.9	6.8	5.7	7.0
Edwards:	6.0	7.6	10.4	16.6
Hollinger Office:	11.1	13.1	13.4	17.1
Sandy:	11.8	74.0	19.0	151.0

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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:	0.3	0.8
Edwards:	2.1	3.6
Hollinger Office:	1.5	1.8
Sandy:	4.5	33.1

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:	0.2	0.1	0.3
Hollinger West:	1.8	0.8	1.5
Imerys:	0.4	0.4	0.6
Noah:	0.7	0.6	0.6
Moneta Pumping Station:	0.6	0.4	0.7
Sandy:	1.6	0.9	1.4
Water Tower:	0.8	0.5	0.8
Wilson:	2.3	2.2	2.6