

Hollinger Public Blast Report

Blast Pattern: 3316_105
Date: 22-Nov-21
Blast Time: 13:41
Blast Sign Activation: 7:48
Website Notification Time: 7:42

Blast Conditions

Ceiling Height: 1,640 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 100% Overcast Snow
 Wind Speed: 17
 Wind Direction: W
 Temperature: -10.9 °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:	57.7 LAeq	115.4 dB
Edwards:	48.3 LAeq	108.6 dB
Fred:	46.3 LAeq	114.4 dB
Hollinger Office:	52.9 LAeq	114.6 dB
Noah:	57.1 LAeq	112.6 dB
Sandy:	46.3 LAeq	107.8 dB
Water Tower:	50.4 LAeq	119.9 dB
Wilson:	50.6 LAeq	114.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.5	10.9	5.1	6.5
Edwards:	30.8	42.7	12.1	13.9
Hollinger Office:	48.4	80.6	8.9	11.9
Sandy:	19.6	29.3	4.9	6.9

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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:	1.7	2.9
Edwards:	15.8	21.6
Hollinger Office:	10.8	13.4
Sandy:	2.2	2.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.1	0.2
Edwards:	0.0	0.0	0.0
Hollinger Office:	1.0	0.0	0.0
Hollinger West:	0.0	0.0	0.0
Imerys:	0.1	0.0	0.1
Noah:	0.4	0.5	0.4
Moneta Pumping Station:	0.0	0.0	0.0
Sandy:	0.0	0.0	0.0
Water Tower:	0.0	0.0	0.0
Wilson:	0.1	0.1	0.2