

Hollinger Public Blast Report

Blast Pattern: 3322_076
Date: 10-Nov-20
Blast Time: 11:38
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 984 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 7 km/hr
Wind Direction: W
Temperature: 13.5 °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:	56.1 LAeq	103.3 dB
Edwards:	50.6 LAeq	95.5 dB
Fred:	46.6 LAeq	97.7 dB
Hollinger Office:	57.5 LAeq	107.1 dB
Noah:	61.1 LAeq	98.8 dB
Sandy:	47.1 LAeq	103.2 dB
Water Tower:	54.5 LAeq	108.1 dB
Wilson:	48.3 LAeq	98.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	1.2	1.7	17.0	17.7
Edwards:	6.4	8.1	8.6	14.0
Hollinger Office:	8.9	9.5	15.5	17.7
Sandy:	5.2	6.1	10.6	11.8

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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:	4.5	8.9
Edwards:	28.7	193.3
Hollinger Office:	4.5	5.6
Sandy:	4.0	7.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.8	0.9	4.1
Hollinger West:	0.5	0.1	0.4
Imerys:	1.8	1.3	1.8
Noah:	1.4	1.1	1.9
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	0.2	0.1	0.3
Water Tower:	0.7	0.3	0.9
Wilson:	0.9	0.6	0.8