

Hollinger Public Blast Report

Blast Pattern: 3310_064
Date: 13-Oct-21
Blast Time: 15:39
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: 13
 Wind Direction: N
 Temperature: 19.7 °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:	57.9 LAeq	109.2 dB
Edwards:	53.5 LAeq	99.4 dB
Fred:	46.0 LAeq	96.2 dB
Hollinger Office:	56.3 LAeq	112.2 dB
Noah:	60.8 LAeq	103.8 dB
Sandy:	44.1 LAeq	107.6 dB
Water Tower:	49.9 LAeq	116.8 dB
Wilson:	52.5 LAeq	105.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	15.3	16.5	25.2	27.5
Edwards:	7.7	9.1	21.9	26.5
Hollinger Office:	7.4	10.2	27.9	38.4
Sandy:	9.2	11.3	20.5	22.9

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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:	3.0	5.1
Edwards:	4.1	11.5
Hollinger Office:	5.0	7.2
Sandy:	8.9	50.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.3
Edwards:	0.1	0.2	0.2
Hollinger Office:	1.4	0.7	1.4
Hollinger West:	1.0	1.8	1.2
Imerys:	1.8	1.0	2.0
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.7	0.4	0.5
Sandy:	0.0	0.0	0.0
Water Tower:	1.1	0.7	1.2
Wilson:	1.0	1.2	1.6