

Hollinger Public Blast Report

Blast Pattern: 3310_068
Date: 22-Oct-21
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1,312 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 15
Wind Direction: NW
Temperature: 1.3 °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:	58.1 LAeq	111.6 dB
Edwards:	50.7 LAeq	102.4 dB
Fred:	46.2 LAeq	95.9 dB
Hollinger Office:	57.3 LAeq	114.8 dB
Noah:	62.4 LAeq	105.3 dB
Sandy:	43.5 LAeq	103.3 dB
Water Tower:	0.0 LAeq	0.0 dB
Wilson:	48.7 LAeq	104.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	0.3	0.5	0.0	0.0
Edwards:	0.5	1.6	3.3	5.1
Hollinger Office:	3.6	4.6	6.3	15.6
Sandy:	2.4	3.3	2.7	4.1

Hollinger Public Blast Report

NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	0.8	1.3
Edwards:	0.4	0.9
Hollinger Office:	8.4	10.2
Sandy:	1.5	3.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.5	0.7
Edwards:	0.1	0.1	0.1
Hollinger Office:	2.9	1.6	4.2
Hollinger West:	0.3	0.3	0.4
Imerys:	2.3	1.2	3.2
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.3	0.4	0.3
Sandy:	0.0	0.0	0.0
Water Tower:	1.0	0.5	1.0
Wilson:	1.1	0.9	0.8