

Hollinger Public Blast Report

Blast Pattern: 3274_202PS/3286_012
Date: 30-Aug-21
Blast Time: 11:45
Blast Sign Activation: 7:34
Website Notification Time: 7:14

Blast Conditions

Ceiling Height: 1,968 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 13
Wind Direction: W
Temperature: 18.4 °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:	59.0 LAeq	110.8 dB
Edwards:	53.8 LAeq	105.5 dB
Fred:	48.2 LAeq	107.1 dB
Hollinger Office:	60.8 LAeq	112.1 dB
Noah:	61.3 LAeq	112.7 dB
Sandy:	49.4 LAeq	111.4 dB
Water Tower:	52.6 LAeq	115.2 dB
Wilson:	51.2 LAeq	110.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	17.7	19.8	12.0	14.8
Edwards:	11.8	18.5	28.9	48.8
Hollinger Office:	18.7	27.0	40.1	77.2
Sandy:	7.3	7.5	24.2	26.1

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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	3.2
Edwards:	0.0	0.0
Hollinger Office:	6.6	11.2
Sandy:	1.0	1.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.4	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.8	0.8	0.6
Hollinger West:	2.7	0.7	2.5
Imerys:	4.2	1.7	1.9
Noah:	1.8	1.1	1.8
Moneta Pumping Station:	1.3	0.7	1.0
Sandy:	2.9	2.1	3.4
Water Tower:	3.2	2.0	5.2
Wilson:	2.7	2.9	2.7