

Hollinger Public Blast Report

Blast Pattern: 3316_065
Date: 31-May-21
Blast Time: 15:40
Blast Sign Activation: 7:10
Website Notification Time: 7:03

Blast Conditions

Ceiling Height: 6234 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 15
Wind Direction: W
Temperature: 21.4 °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:	56.3 LAeq	110.3 dB
Edwards:	51.5 LAeq	105.6 dB
Fred:	45.7 LAeq	103.4 dB
Hollinger Office:	57.1 LAeq	114.7 dB
Noah:	61.8 LAeq	106.4 dB
Sandy:	48.6 LAeq	105.2 dB
Water Tower:	60.0 LAeq	110.6 dB
Wilson:	49.6 LAeq	106.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.8	2.9	20.1	22.5
Edwards:	19.6	29.2	22.6	40.9
Hollinger Office:	50.8	62.7	42.2	66.8
Sandy:	18.8	31.4	18.2	29.3

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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:	1.5	2.5
Edwards:	2.2	3.9
Hollinger Office:	9.9	18.3
Sandy:	2.2	4.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.7	0.4	0.7
Edwards:	0.2	0.2	0.2
Hollinger Office:	0.7	1.0	1.1
Hollinger West:	0.4	0.2	0.4
Imerys:	0.3	0.0	0.0
Noah:	1.8	0.7	2.2
Moneta Pumping Station:	0.5	0.2	0.4
Sandy:	0.7	0.4	0.5
Water Tower:	0.6	0.4	0.5
Wilson:	0.8	0.9	1.5