

Hollinger Public Blast Report

Blast Pattern: 3310_066
Date: 19-Oct-21
Blast Time: 15:31
Blast Sign Activation: 7:00
Website Notification Time: 6:47

Blast Conditions

Ceiling Height: 29,856 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 7
Wind Direction: S
Temperature: 21.7 °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:	58.3 LAeq	112.8 dB
Edwards:	55.7 LAeq	106.0 dB
Fred:	46.8 LAeq	101.8 dB
Hollinger Office:	58.1 LAeq	113.8 dB
Noah:	62.4 LAeq	105.8 dB
Sandy:	48.0 LAeq	104.4 dB
Water Tower:	0.0 LAeq	0.0 dB
Wilson:	55.4 LAeq	104.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.8	12.1	11.6	13.3
Edwards:	31.3	60.6	26.3	54.4
Hollinger Office:	31.7	52.3	36.1	57.8
Sandy:	16.1	21.1	17.0	21.9

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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:	2.2	4.5
Edwards:	5.9	22.6
Hollinger Office:	5.2	7.7
Sandy:	1.8	2.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.8
Edwards:	0.2	0.1	0.2
Hollinger Office:	2.2	1.0	2.9
Hollinger West:	0.4	0.3	0.5
Imerys:	2.8	1.0	2.4
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.5	0.2	0.4
Sandy:	0.0	0.0	0.0
Water Tower:	0.8	0.6	0.6
Wilson:	1.3	0.7	1.3