

Hollinger Public Blast Report

Blast Pattern: 3316_074
Date: 26-Jul-21
Blast Time: 11:41
Blast Sign Activation: 7:10
Website Notification Time: 6:57

Blast Conditions

Ceiling Height: 29,856 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 17
Wind Direction: NW
Temperature: 19.5 °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	107.8 dB
Edwards:	52.3 LAeq	104.8 dB
Fred:	48.9 LAeq	110.7 dB
Hollinger Office:	59.8 LAeq	109.4 dB
Noah:	61.9 LAeq	105.6 dB
Sandy:	53.0 LAeq	104.0 dB
Water Tower:	50.5 LAeq	115.6 dB
Wilson:	51.2 LAeq	105.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.7	11.0	7.4	9.8
Edwards:	3.1	3.7	11.0	13.6
Hollinger Office:	9.5	11.4	28.0	39.1
Sandy:	2.1	2.5	8.6	10.7

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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:	0.5	0.8
Edwards:	0.3	1.0
Hollinger Office:	6.9	12.9
Sandy:	1.4	3.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.3
Edwards:			
Hollinger Office:	0.7	0.3	0.3
Hollinger West:	0.4	0.1	0.6
Imerys:	0.8	0.5	0.7
Noah:	0.6	0.5	0.6
Moneta Pumping Station:	0.7	0.4	1.0
Sandy:	0.6	0.4	0.7
Water Tower:	0.5	0.2	0.7
Wilson:	0.9	0.7	1.3