

Hollinger Public Blast Report

Blast Pattern: 33292_008A/3310_302P/S
Date: 19-May-21
Blast Time: 11:33
Blast Sign Activation: 8:35
Website Notification Time: 8:18

Blast Conditions

Ceiling Height: 23950 ft
Boundary Layer Height: n/a m
Cloud Cover: 75% Cloudy
Wind Speed: 17
Wind Direction: S
Temperature: 24.6 °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:	55.7 LAeq	115.8 dB
Edwards:	50.3 LAeq	105.0 dB
Fred:	46.4 LAeq	105.1 dB
Hollinger Office:	57.8 LAeq	114.2 dB
Noah:	60.7 LAeq	108.5 dB
Sandy:	48.5 LAeq	105.0 dB
Water Tower:	61.6 LAeq	117.8 dB
Wilson:	49.8 LAeq	108.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.5	14.0	18.8	22.5
Edwards:	18.9	20.6	25.3	30.8
Hollinger Office:	28.6	33.0	35.1	51.8
Sandy:	16.8	22.0	25.7	34.5

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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:	1.4	3.8
Edwards:	1.9	2.8
Hollinger Office:	3.8	5.4
Sandy:	1.7	2.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.4	1.0	1.1
Hollinger West:	4.1	1.7	4.2
Imerys:	1.9	1.1	0.4
Noah:	2.1	1.6	2.9
Moneta Pumping Station:	0.5	0.3	0.5
Sandy:	1.2	0.5	1.0
Water Tower:	3.3	2.5	3.9
Wilson:	1.6	1.9	2.5