

Hollinger Public Blast Report

Blast Pattern: 3316_097/3374_205PS
Date: 18-Sep-21
Blast Time: 11:37
Blast Sign Activation: 7:33
Website Notification Time: 7:25

Blast Conditions

Ceiling Height: 23,950 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 6
Wind Direction: W
Temperature: 11.9 °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:	54.8 LAeq	111.9 dB
Edwards:	48.1 LAeq	101.0 dB
Fred:	44.4 LAeq	95.2 dB
Hollinger Office:	55.5 LAeq	113.6 dB
Noah:	60.3 LAeq	105.1 dB
Sandy:	44.3 LAeq	106.3 dB
Water Tower:	50.5 LAeq	113.7 dB
Wilson:	57.1 LAeq	105.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.2	3.1	4.4	6.1
Edwards:	10.9	31.5	10.5	39.5
Hollinger Office:	32.6	45.0	8.4	12.7
Sandy:	4.4	5.0	3.9	5.0

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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:	3.0	9.1
Edwards:	4.7	10.0
Hollinger Office:	5.2	7.3
Sandy:	0.9	1.2

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:	0.1	0.1	0.2
Hollinger Office:	0.5	0.2	0.6
Hollinger West:	0.7	0.3	0.7
Imerys:	1.1	0.5	0.7
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	1.6	0.9	1.8
Sandy:	1.6	1.5	1.8
Water Tower:	0.7	0.4	1.0
Wilson:	1.6	1.1	2.1