

Hollinger Public Blast Report

Blast Pattern: 3316_097/3374_204PS
Date: 16-Sep-21
Blast Time: 11:42
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 29,855 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 13
Wind Direction: S
Temperature: 18.9 °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:	56.2 LAeq	105.5 dB
Edwards:	53.6 LAeq	104.8 dB
Fred:	48.1 LAeq	109.7 dB
Hollinger Office:	57.9 LAeq	114.9 dB
Noah:	62.3 LAeq	106.4 dB
Sandy:	49.9 LAeq	108.4 dB
Water Tower:	54.5 LAeq	113.8 dB
Wilson:	52.4 LAeq	108.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.4	4.8	4.0	4.7
Edwards:	2.8	3.6	11.9	16.0
Hollinger Office:	11.8	13.2	13.8	19.6
Sandy:	4.9	6.4	9.7	11.2

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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	1.3
Edwards:	2.1	4.9
Hollinger Office:	4.1	6.2
Sandy:	0.8	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.3	0.6
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.5	0.3	0.4
Hollinger West:	0.9	0.3	0.6
Imerys:	1.1	1.6	1.3
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.9	0.7	0.7
Sandy:	2.7	1.9	2.9
Water Tower:	0.4	0.6	1.0
Wilson:	1.2	0.9	1.5