

Hollinger Public Blast Report

Blast Pattern: 3304_086
Date: 7-Sep-22
Blast Time: 11:38
Blast Sign Activation: 7:15
Website Notification Time: 7:20

Blast Conditions

Ceiling Height: 29,855 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 9 km/hr
Wind Direction: NW
Temperature: 19.7 °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:	55.9 LAeq	106.6 dB
Edwards:	47.4 LAeq	95.2 dB
Fred:	42.0 LAeq	90.5 dB
Hollinger Office:	55.8 LAeq	109.7 dB
Noah:	60.3 LAeq	99.4 dB
Sandy:	45.6 LAeq	99.4 dB
Water Tower:	46.7 LAeq	108.5 dB
Wilson:	59.0 LAeq	100.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.3	13.7	7.9	10.6
Edwards:	12.7	16.5	28.3	47.8
Hollinger Office:	21.3	27.1	25.7	42.2
Sandy:	5.6	6.9	12.0	15.0

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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:	2.9	5.7
Edwards:	3.2	5.7
Hollinger Office:	0.7	2.3
Sandy:	0.9	1.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.4	0.7
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.4	0.1	0.3
Hollinger West:	0.2	0.1	0.1
Imerys:	0.2	0.2	0.2
Noah:	0.4	0.5	0.4
Moneta Pumping Station:	0.2	0.1	0.2
Sandy:	6.0	0.1	2.1
Water Tower:	0.2	0.1	0.2
Wilson:	0.3	0.4	0.3

