

Hollinger Public Blast Report

Blast Pattern: 304-086b/090a
Date: 2-Oct-22
Blast Time: 11:51
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: 9 km/hr
Wind Direction: W
Temperature: 15.0 °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:	56.6 LAeq	101.8 dB
Edwards:	49.2 LAeq	97.9 dB
Fred:	43.1 LAeq	102.1 dB
Hollinger Office:	62.5 LAeq	106.2 dB
Noah:	60.5 LAeq	103.1 dB
Sandy:	48.0 LAeq	102.5 dB
Water Tower:	46.8 LAeq	109.5 dB
Wilson:	47.2 LAeq	100.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.4	9.0	5.2	6.2
Edwards:	10.9	12.8	10.2	14.2
Hollinger Office:	42.2	99.6	37.5	80.4
Sandy:	6.6	7.4	6.0	7.2

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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:	1.8	3.3
Edwards:	5.0	11.0
Hollinger Office:	5.4	6.6
Sandy:	0.5	0.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.5	1.1
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.5	0.2	0.5
Hollinger West:	0.1	0.0	0.1
Imerys:	0.2	0.2	0.3
Noah:	0.3	0.3	0.4
Moneta Pumping Station:	0.2	0.1	0.1
Sandy:	13.0	0.1	4.7
Water Tower:	0.2	0.1	0.2
Wilson:	0.5	0.3	0.4

