

Hollinger Public Blast Report

Blast Pattern: 3328_076
Date: 9-Jul-20
Blast Time: 11:34
Blast Sign Activation: 7:20
Website Notification Time: 6:52

Blast Conditions

Ceiling Height: 24934 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 11 km/hr
Wind Direction: S
Temperature: 29 °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:	57.4 LAeq	103.5 dB
Edwards:	51.1 LAeq	102.3 dB
Fred:	47.0 LAeq	99.7 dB
Hollinger Office:	56.7 LAeq	115.4 dB
Noah:	61.1 LAeq	113.0 dB
Sandy:	50.6 LAeq	113.9 dB
Water Tower:	51.0 LAeq	122.2 dB
Wilson:	49.2 LAeq	107.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	23.2	25.1	37.4	41.9
Edwards:	12.7	13.7	28.1	34.0
Hollinger Office:	53.3	246.2	106.1	623.4
Sandy:	20.8	27.0	26.3	31.8

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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:	0.6	2.6
Edwards:	0.9	1.6
Hollinger Office:	8.2	45.5
Sandy:	0.0	0.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.2	0.5
Edwards:	0.4	0.2	0.4
Hollinger Office:	0.5	0.5	0.7
Hollinger West:	0.6	0.4	0.3
Imerys:	0.6	0.6	0.7
Noah:	1.3	0.8	1.0
Moneta Pumping Station:	0.7	0.7	1.2
Sandy:	1.7	1.0	1.1
Water Tower:	0.8	0.7	1.0
Wilson:	3.9	1.8	7.8