

Hollinger Public Blast Report

Blast Pattern: 3256_006
Date: 16-Jul-22
Blast Time: 15:58
Blast Sign Activation: 7:05
Website Notification Time: 6:59

Blast Conditions

Ceiling Height: 4,921 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7
Wind Direction: SW
Temperature: 26.9 °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:	53.9 LAeq	98.5 dB
Edwards:	53.3 LAeq	108.3 dB
Fred:	45.7 LAeq	95.9 dB
Hollinger Office:	73.7 LAeq	106.8 dB
Noah:	59.2 LAeq	103.2 dB
Sandy:	45.8 LAeq	108.1 dB
Water Tower:	47.0 LAeq	106.1 dB
Wilson:	51.5 LAeq	106.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	17.2	17.6	28.0	29.7
Edwards:	11.7	14.4	35.1	48.6
Hollinger Office:	25.6	34.5	41.4	53.7
Sandy:	24.5	29.0	22.3	27.7

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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:	0.8	1.3
Edwards:	0.3	1.6
Hollinger Office:	5.2	8.3
Sandy:	0.6	1.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.5	0.3	0.4
Hollinger West:	2.0	1.0	1.2
Imerys:	2.2	1.9	2.0
Noah:	1.0	1.0	0.9
Moneta Pumping Station:	0.5	0.4	0.5
Sandy:			
Water Tower:	3.6	3.5	6.1
Wilson:	1.3	1.3	1.6

