

Hollinger Public Blast Report

Blast Pattern: 3256-002
Date: 29-Jun-22
Blast Time: 15:30
Blast Sign Activation: 6:45
Website Notification Time: 6:50

Blast Conditions

Ceiling Height: 1,800 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 9
Wind Direction: W
Temperature: 19.4 °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:	56.1 LAeq	105.7 dB
Edwards:	53.1 LAeq	100.9 dB
Fred:	47.6 LAeq	102.0 dB
Hollinger Office:	57.0 LAeq	103.5 dB
Noah:	65.1 LAeq	106.1 dB
Sandy:	46.7 LAeq	105.1 dB
Water Tower:	47.9 LAeq	108.0 dB
Wilson:	51.8 LAeq	105.2 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	15.0	15.8	22.2	23.1
Edwards:	3.1	6.8	3.3	10.9
Hollinger Office:	8.9	11.6	9.0	13.2
Sandy:	1.7	2.1	3.9	6.0

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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:	0.0	0.0
Edwards:	0.8	2.9
Hollinger Office:	2.1	3.1
Sandy:	0.8	2.9

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:	0.4	0.2	0.3
Hollinger Office:	0.6	0.3	0.6
Hollinger West:	1.2	0.8	0.9
Imerys:	2.1	1.5	1.5
Noah:	0.9	0.7	0.9
Moneta Pumping Station:	0.7	0.5	0.8
Sandy:	0.4	0.0	0.1
Water Tower:			
Wilson:	1.9	1.9	2.0

