

Hollinger Public Blast Report

Blast Pattern: 3256_004
Date: 11-Jul-22
Blast Time: 11:38
Blast Sign Activation: 7:30
Website Notification Time: 7:45

Blast Conditions

Ceiling Height: 1,969 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 15
Wind Direction: SW
Temperature: 20.9 °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:	56.1 LAeq	104.2 dB
Edwards:	50.8 LAeq	105.3 dB
Fred:	47.3 LAeq	105.2 dB
Hollinger Office:	56.6 LAeq	112.7 dB
Noah:	60.3 LAeq	106.7 dB
Sandy:	48.9 LAeq	106.0 dB
Water Tower:	52.3 LAeq	111.3 dB
Wilson:	51.0 LAeq	105.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.7	14.0	25.5	27.0
Edwards:	8.6	9.1	21.1	22.6
Hollinger Office:	12.1	17.1	28.0	44.6
Sandy:	6.4	7.4	18.9	20.3

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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:	0.9	2.4
Edwards:	0.8	2.8
Hollinger Office:	4.7	19.9
Sandy:	1.0	1.2

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	0.2	0.4
Hollinger West:	3.0	1.6	2.2
Imerys:	1.6	1.3	1.4
Noah:	1.1	1.0	0.9
Moneta Pumping Station:	0.7	0.7	1.0
Sandy:	1.2	1.5	2.8
Water Tower:	2.9	2.4	4.4
Wilson:	3.5	2.1	3.1

