

Hollinger Public Blast Report

Blast Pattern: 3262-006
Date: 5-Jun-22
Blast Time: 11:37
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
Wind Direction: NW
Temperature: 17.1 °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:	55.7 LAeq	103.7 dB
Edwards:	49.3 LAeq	98.0 dB
Fred:	46.0 LAeq	110.5 dB
Hollinger Office:	55.1 LAeq	104.0 dB
Noah:	60.6 LAeq	107.5 dB
Sandy:	45.3 LAeq	102.2 dB
Water Tower:	48.1 LAeq	105.9 dB
Wilson:	47.6 LAeq	102.1 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	14.5	14.8	23.2	23.9
Edwards:	3.6	4.0	5.1	6.2
Hollinger Office:	12.8	14.8	8.1	12.1
Sandy:	3.7	4.1	8.8	10.4

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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:	0.2	0.6
Edwards:	0.6	2.7
Hollinger Office:	0.6	0.9
Sandy:	0.2	0.4

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	0.5
Hollinger West:	0.7	0.4	0.6
Imerys:	1.7	1.1	0.8
Noah:	0.4	0.4	0.6
Moneta Pumping Station:	0.8	0.5	0.8
Sandy:	1.1	1.5	2.2
Water Tower:	2.0	1.2	2.2
Wilson:	0.8	0.7	1.1

