

Hollinger Public Blast Report

Blast Pattern: 3316_071
Date: 9-Jul-21
Blast Time: 11:33
Blast Sign Activation: 7:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 29,855 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 7
Wind Direction: W
Temperature: 21.5 °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:	55.9 LAeq	105.4 dB
Edwards:	55.0 LAeq	93.0 dB
Fred:	45.0 LAeq	96.3 dB
Hollinger Office:	56.4 LAeq	110.6 dB
Noah:	60.1 LAeq	100.4 dB
Sandy:	46.0 LAeq	103.1 dB
Water Tower:	63.3 LAeq	109.3 dB
Wilson:	50.0 LAeq	97.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.4	7.9	1.2	3.0
Edwards:	4.3	5.3	6.2	8.4
Hollinger Office:	6.2	6.6	12.3	15.3
Sandy:	8.8	18.2	5.8	20.1

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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	0.5
Edwards:	0.1	0.4
Hollinger Office:	0.4	1.6
Sandy:	2.3	5.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.4	0.7	1.7
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.6	0.2	0.5
Hollinger West:	0.2	0.1	0.2
Imerys:	0.5	0.3	0.6
Noah:	0.6	0.5	0.8
Moneta Pumping Station:	0.3	0.1	0.3
Sandy:	0.2	0.2	0.2
Water Tower:	0.2	0.1	0.3
Wilson:	0.5	0.4	0.9