

Hollinger Public Blast Report

Blast Pattern: 3292_026/3286_201PS
Date: 21-Jul-21
Blast Time: 15:51
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	8,858	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	50%	Partially Cloudy
Wind Speed:	15	
Wind Direction:	N	
Temperature:	21.8	°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:	57.9 LAeq	105.1 dB
Edwards:	55.3 LAeq	98.1 dB
Fred:	47.9 LAeq	99.8 dB
Hollinger Office:	59.8 LAeq	106.5 dB
Noah:	61.4 LAeq	104.4 dB
Sandy:	49.2 LAeq	113.8 dB
Water Tower:	52.0 LAeq	117.1 dB
Wilson:	51.3 LAeq	114.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	13.8	15.7	10.9	13.8
Edwards:	8.9	9.6	21.0	22.6
Hollinger Office:	19.7	33.0	44.5	92.5
Sandy:	13.9	28.1	22.4	46.3

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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:	0.6	1.2
Edwards:	0.6	1.1
Hollinger Office:	7.9	25.1
Sandy:	3.8	11.3

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	0.2	0.1
Hollinger Office:	0.2	0.3	0.2
Hollinger West:	2.5	2.5	1.4
Imerys:	0.9	0.8	0.5
Noah:	0.4	0.6	0.5
Moneta Pumping Station:	1.3	1.0	0.6
Sandy:	4.9	3.6	2.5
Water Tower:	0.9	1.8	0.7
Wilson:	2.3	2.1	2.2