

Hollinger Public Blast Report

Blast Pattern: 3298_001 H.T.
Date: 11-Jun-21
Blast Time: 11:33
Blast Sign Activation: 8:30
Website Notification Time: 8:30

Blast Conditions

Ceiling Height:	32,808	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	13	
Wind Direction:	E	
Temperature:	18.1	°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:	57.3 LAeq	94.5 dB
Edwards:	62.4 LAeq	112.5 dB
Fred:	46.7 LAeq	99.9 dB
Hollinger Office:	57.1 LAeq	104.1 dB
Noah:	60.4 LAeq	108.3 dB
Sandy:	47.7 LAeq	101.6 dB
Water Tower:	52.4 LAeq	107.2 dB
Wilson:	56.3 LAeq	103.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	4.6	5.1	19.8	26.1
Edwards:	3.4	5.2	14.9	35.3
Hollinger Office:	13.6	16.3	17.6	24.9
Sandy:	15.9	29.8	21.7	61.3

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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:	0.1	0.2
Edwards:	0.4	0.7
Hollinger Office:	1.2	1.7
Sandy:	4.4	12.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.0	0.0	0.0
Hollinger West:	0.3	0.2	0.2
Imerys:	0.3	0.2	0.0
Noah:	0.6	0.4	0.3
Moneta Pumping Station:	0.3	0.1	0.2
Sandy:	0.9	0.4	0.8
Water Tower:	0.2	0.2	0.2
Wilson:	0.5	0.4	0.5