

Hollinger Public Blast Report

Blast Pattern: 3292_020
Date: 7-Jul-21
Blast Time: 11:33
Blast Sign Activation: 7:36
Website Notification Time: 7:31

Blast Conditions

Ceiling Height:	32,808	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	9	
Wind Direction:	N	
Temperature:	12	°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:	56.2 LAeq	99.1 dB
Edwards:	49.6 LAeq	96.0 dB
Fred:	46.5 LAeq	98.6 dB
Hollinger Office:	57.2 LAeq	105.4 dB
Noah:	60.5 LAeq	103.5 dB
Sandy:	LAeq	dB
Water Tower:	51.5 LAeq	112.8 dB
Wilson:	48.8 LAeq	104.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.5	4.8	0.5	1.7
Edwards:	3.4	5.0	4.5	7.4
Hollinger Office:	4.2	5.0	11.8	14.3
Sandy:	4.4	12.5	3.5	22.6

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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:	0.2	0.7
Hollinger Office:	1.7	2.5
Sandy:	4.0	22.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.6	0.4	0.8
Hollinger West:	1.1	0.5	0.9
Imerys:	2.0	2.0	1.5
Noah:	1.3	0.8	1.2
Moneta Pumping Station:	0.6	0.3	0.6
Sandy:	0.7	0.5	1.2
Water Tower:	4.7	2.0	4.5
Wilson:	1.0	1.0	1.0