

Hollinger Public Blast Report

Blast Pattern: 3292_001
Date: 22-Apr-21
Blast Time: 11:35
Blast Sign Activation: 8:30
Website Notification Time: 8:19

Blast Conditions

Ceiling Height:	29855	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	13	
Wind Direction:	W	
Temperature:	3.2	°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:	56.1 LAeq	111.3 dB
Edwards:	54.7 LAeq	104.2 dB
Fred:	44.0 LAeq	102.2 dB
Hollinger Office:	56.2 LAeq	106.4 dB
Noah:	61.7 LAeq	104.5 dB
Sandy:	45.7 LAeq	106.5 dB
Water Tower:	48.4 LAeq	114.8 dB
Wilson:	49.2 LAeq	104.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.9	14.4	11.3	12.6
Edwards:	10.0	12.0	16.1	20.6
Hollinger Office:	15.9	22.5	24.5	33.1
Sandy:	7.8	9.0	22.0	24.8

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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:	1.1	2.4
Edwards:	2.0	6.8
Hollinger Office:	2.2	3.9
Sandy:	2.1	5.3

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.1
Edwards:	0.1	0.0	0.0
Hollinger Office:	0.3	0.1	0.2
Hollinger West:	2.9	1.9	3.0
Imerys:	0.5	0.5	0.8
Noah:	0.6	0.5	0.4
Moneta Pumping Station:	0.8	0.5	0.7
Sandy:	1.5	0.8	2.6
Water Tower:	1.2	0.5	0.8
Wilson:	1.9	2.8	2.9