

Hollinger Public Blast Report

Blast Pattern: 3262_005
Date: 31-May-22
Blast Time: 15:36
Blast Sign Activation: 7:05
Website Notification Time: 6:58

Blast Conditions

Ceiling Height:	22,966	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	24	
Wind Direction:	S	
Temperature:	30.9	°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:	56.7 LAeq	115.9 dB
Edwards:	50.2 LAeq	109.9 dB
Fred:	49.3 LAeq	113.6 dB
Hollinger Office:	58.7 LAeq	117.5 dB
Noah:	60.9 LAeq	116.0 dB
Sandy:	51.8 LAeq	112.2 dB
Water Tower:	53.1 LAeq	116.0 dB
Wilson:	52.6 LAeq	108.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	36.6	58.8	58.0	99.5
Edwards:	14.5	17.0	43.8	74.5
Hollinger Office:	49.1	71.3	91.6	193.2
Sandy:	63.3	84.9	51.2	70.5

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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:	1.4	4.4
Edwards:	0.1	0.6
Hollinger Office:	5.7	30.1
Sandy:	0.0	0.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.2
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.3	0.2	0.4
Hollinger West:	1.9	0.7	1.1
Imerys:	1.3	1.1	1.1
Noah:	1.3	0.9	1.2
Moneta Pumping Station:	0.8	0.7	1.0
Sandy:	2.6	1.7	3.4
Water Tower:	1.7	1.9	2.2
Wilson:	2.5	1.8	2.7

