

Hollinger Public Blast Report

Blast Pattern: 3280_088/3280_066B
Date: 31-May-23
Blast Time: 11:47
Blast Sign Activation: 7:45
Website Notification Time: 7:39

Blast Conditions

Ceiling Height:	29,856	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	13	km/h
Wind Direction:	S	
Temperature:	28.6	°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:	L _{Aeq}	dB
Edwards:	48.2 L _{Aeq}	102.0 dB
Fred:	42.5 L _{Aeq}	103.2 dB
Hollinger Office:	55.6 L _{Aeq}	114.3 dB
Noah:	60.1 L _{Aeq}	105.6 dB
Sandy:	47.2 L _{Aeq}	100.5 dB
Water Tower:	47.6 L _{Aeq}	113 dB
Wilson:	49.1 L _{Aeq}	103.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	21.8	23.6	21.8	30.5
Edwards:	18.6	33.6	0.0	0.0
Hollinger Office:	32.0	56.8	74.7	141.1
Sandy:	28.9	43.3	50.3	85.0

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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:	0.2	0.6
Edwards:	1.1	2.2
Hollinger Office:	4.7	9.0
Sandy:	2.6	3.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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

