

Hollinger Public Blast Report

Blast Pattern: 3280_064
Date: 16-Apr-23
Blast Time: 11:45
Blast Sign Activation: 7:45
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	24,934	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	2	km/h
Wind Direction:	E	
Temperature:	15.4	°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:	54.1	L _{Aeq}	107.3 dB
Edwards:	43.9	L _{Aeq}	96.2 dB
Fred:	41.5	L _{Aeq}	92.4 dB
Hollinger Office:	52.5	L _{Aeq}	111.2 dB
Noah:	59.3	L _{Aeq}	104.1 dB
Sandy:	40.3	L _{Aeq}	106.3 dB
Water Tower:	45.4	L _{Aeq}	112.4 dB
Wilson:	43.5	L _{Aeq}	104.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	16.6	19.1	15.5	20.1
Edwards:	14.8	16.7	27.8	34.5
Hollinger Office:	18.8	23.7	29.5	34.2
Sandy:	67.4	288.9	82.1	342.5

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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:	0.4	0.6
Edwards:	1.6	2.0
Hollinger Office:	0.9	1.3
Sandy:	17.3	50.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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

