

Hollinger Public Blast Report

Blast Pattern: 3274_058
Date: 12-May-23
Blast Time: 15:31
Blast Sign Activation: 8:00
Website Notification Time: 7:55

Blast Conditions

Ceiling Height: 21,982 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 13 km/h
Wind Direction: NW
Temperature: °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:	58.1 LAeq	112.7 dB
Edwards:	58.8 LAeq	104.7 dB
Fred:	49.9 LAeq	111.7 dB
Hollinger Office:	57.7 LAeq	111.9 dB
Noah:	LAeq	dB
Sandy:	47.0 LAeq	116.6 dB
Water Tower:	52.1 LAeq	117.2 dB
Wilson:	55.9 LAeq	114.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	18.9	20.7	15.8	18.3
Edwards:	12.8	15.9	0.0	0.0
Hollinger Office:	39.4	48.4	45.9	53.5
Sandy:	39.1	97.6	48.7	103.9

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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	0.5
Edwards:	1.1	1.5
Hollinger Office:	0.7	1.4
Sandy:	8.8	26.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.5
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.3	0.1	0.2
Hollinger West:	0.3	0.1	0.3
Imerys:	0.3	0.2	0.2
Noah:	0.3	0.4	0.3
Moneta Pumping Station	0.8	0.5	1.3
Sandy:	1.1	0.3	0.7
Water Tower:	0.2	0.1	0.4
Wilson:	0.4	0.3	0.4

