

Hollinger Public Blast Report

Blast Pattern: 3292_051
Date: 4-Nov-22
Blast Time: 11:40
Blast Sign Activation: 7:30
Website Notification Time: 7:36

Blast Conditions

Ceiling Height: 8,202 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Rain
Wind Speed: 24
Wind Direction: S
Temperature: 13.1 °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:	57.4 LAeq	114.4 dB
Edwards:	50.9 LAeq	112.5 dB
Fred:	47.1 LAeq	107.6 dB
Hollinger Office:	58.9 LAeq	115.6 dB
Noah:	61.3 LAeq	111.4 dB
Sandy:	50.2 LAeq	107.5 dB
Water Tower:	58.4 LAeq	119.4 dB
Wilson:	52.4 LAeq	108.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	19.7	21.0	15.8	17.1
Edwards:	8.6	9.6	25.9	27.8
Hollinger Office:	15.2	22.7	96.9	107.5
Sandy:	8.7	9.3	23.2	24.9

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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:	2.0	3.3
Edwards:	2.5	3.5
Hollinger Office:	7.4	13.3
Sandy:	1.1	1.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.2	0.3
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.9	0.3	0.8
Hollinger West:	0.8	0.2	0.6
Imerys:	0.8	0.5	0.7
Noah:	0.6	0.5	0.8
Moneta Pumping Station:	1.5	1.1	1.4
Sandy:	1.9	1.3	2.8
Water Tower:	1.0	0.4	1.0
Wilson:	1.6	1.2	0.9

