

Hollinger Public Blast Report

Blast Pattern: 3298_055 3238_206PS
Date: 1-Sep-22
Blast Time: 15:44
Blast Sign Activation: 7:20
Website Notification Time: 7:12

Blast Conditions

Ceiling Height: 23,950 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7
Wind Direction: W
Temperature: 16.5 °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:	57.2 LAeq	107.0 dB
Edwards:	54.2 LAeq	101.8 dB
Fred:	45.3 LAeq	102.4 dB
Hollinger Office:	56.7 LAeq	108.4 dB
Noah:	60.9 LAeq	105.0 dB
Sandy:	48.2 LAeq	107.4 dB
Water Tower:	47.4 LAeq	103.5 dB
Wilson:	50.1 LAeq	100.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.6	13.0	6.8	17.9
Edwards:	28.8	33.2	22.8	36.2
Hollinger Office:	0.0	0.0	14.3	22.9
Sandy:	4.5	5.7	5.9	7.9

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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:	0.3	0.9
Edwards:	2.7	6.0
Hollinger Office:	3.3	8.8
Sandy:	0.1	0.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.4	0.2	0.3
Hollinger Office:	0.6	0.2	0.4
Hollinger West:	0.8	0.4	0.7
Imerys:	0.6	0.5	0.4
Noah:	0.4	0.5	0.4
Moneta Pumping Station:	1.3	1.0	1.0
Sandy:	4.6	1.2	2.3
Water Tower:	0.9	0.4	0.8
Wilson:	1.1	0.9	2.0

