

Hollinger Public Blast Report

Blast Pattern: 3310_063/3316_090
Date: 10-Oct-21
Blast Time: 15:31
Blast Sign Activation: 7:15
Website Notification Time: 6:33

Blast Conditions

Ceiling Height: 3,609 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 20
Wind Direction: S
Temperature: 20.4 °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:	55.5 LAeq	96.7 dB
Edwards:	51.7 LAeq	96.6 dB
Fred:	46.0 LAeq	94.9 dB
Hollinger Office:	57.6 LAeq	103.3 dB
Noah:	60.2 LAeq	101.2 dB
Sandy:	47.8 LAeq	108.6 dB
Water Tower:	55.5 LAeq	112.6 dB
Wilson:	50.6 LAeq	102.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	14.7	15.5	22.7	24.1
Edwards:	11.0	12.5	21.4	22.7
Hollinger Office:	11.4	14.4	26.8	28.8
Sandy:	12.9	15.6	21.3	22.6

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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:	2.3	4.3
Edwards:	1.8	3.6
Hollinger Office:	4.9	12.1
Sandy:	0.7	0.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.0	1.8	2.2
Edwards:	0.2	0.1	0.2
Hollinger Office:	1.1	0.3	1.2
Hollinger West:	0.1	0.0	0.1
Imerys:	0.5	0.3	0.5
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.1	0.1	0.0
Sandy:	0.0	0.0	0.0
Water Tower:	0.1	0.1	0.1
Wilson:	0.3	0.2	0.4