

Hollinger Public Blast Report

Blast Pattern: 3316_095
Date: 14-Oct-21
Blast Time: 11:39
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 13,123 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 17
Wind Direction: SE
Temperature: 16.8 °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	104.1 dB
Edwards:	48.8 LAeq	103.2 dB
Fred:	45.4 LAeq	107.0 dB
Hollinger Office:	58.4 LAeq	107.6 dB
Noah:	64.2 LAeq	103.8 dB
Sandy:	49.4 LAeq	100.7 dB
Water Tower:	52.8 LAeq	114.1 dB
Wilson:	53.7 LAeq	100.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	10.4	10.8	16.2	17.2
Edwards:	3.4	3.6	10.2	11.5
Hollinger Office:	5.3	6.0	15.8	19.2
Sandy:	6.5	8.7	18.2	21.9

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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:	2.5	4.1
Edwards:	0.5	1.7
Hollinger Office:	3.9	6.0
Sandy:	2.3	2.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.4
Edwards:	0.3	0.2	0.3
Hollinger Office:	0.5	0.1	0.3
Hollinger West:	0.3	0.2	0.3
Imerys:	0.4	0.3	0.4
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.9	0.5	0.7
Sandy:	0.0	0.0	0.0
Water Tower:	0.4	0.2	0.4
Wilson:	0.7	0.4	0.5