

Hollinger Public Blast Report

Blast Pattern: 3316_093
Date: 6-Oct-21
Blast Time: 11:44
Blast Sign Activation: 7:50
Website Notification Time: 7:40

Blast Conditions

Ceiling Height: 29,856 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 0% Clear
 Wind Speed: 4
 Wind Direction: SE
 Temperature: 18.1 °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:	55.4 LAeq	104.6 dB
Edwards:	44.6 LAeq	95.4 dB
Fred:	43.1 LAeq	87.1 dB
Hollinger Office:	57.7 LAeq	110.4 dB
Noah:	63.1 LAeq	101.0 dB
Sandy:	44.9 LAeq	106.7 dB
Water Tower:	54.4 LAeq	111.2 dB
Wilson:	50.1 LAeq	98.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	17.4	19.1	21.8	24.9
Edwards:	27.4	30.1	35.1	39.6
Hollinger Office:	21.2	24.1	40.8	45.7
Sandy:	19.3	25.0	30.9	35.4

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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:	14.1	21.9
Edwards:	16.0	36.8
Hollinger Office:	16.9	23.9
Sandy:	2.6	3.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.3	0.5
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.6	0.3	0.5
Hollinger West:	0.8	0.2	0.8
Imerys:	0.6	1.2	0.8
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.9	0.5	1.0
Sandy:	0.0	0.0	0.0
Water Tower:	0.3	0.3	0.6
Wilson:	1.2	1.1	1.5