

Hollinger Public Blast Report

Blast Pattern: 3316_041
Date: 31-Aug-20
Blast Time: 11:33
Blast Sign Activation: 8:19
Website Notification Time: 8:06

Blast Conditions

Ceiling Height: 32808 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 13 km/hr
Wind Direction: S
Temperature: 17.7 °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:	54.2 LAeq	98.6 dB
Edwards:	54.6 LAeq	105.3 dB
Fred:	47.4 LAeq	106.4 dB
Hollinger Office:	55.8 LAeq	108.8 dB
Noah:	61.6 LAeq	103.6 dB
Sandy:	51.9 LAeq	103.8 dB
Water Tower:	52.3 LAeq	109.2 dB
Wilson:	53.5 LAeq	102.6 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.1	4.4	3.3	5.6
Edwards:	1.7	1.8	7.3	8.4
Hollinger Office:	2.4	2.8	13.7	18.3
Sandy:	4.1	5.5	7.8	11.7

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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	5.3
Edwards:	0.6	1.1
Hollinger Office:	2.7	5.8
Sandy:	0.7	1.9

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.1
Edwards:	0.1	0.1	0.1
Hollinger Office:	0.6	0.2	0.5
Hollinger West:	0.6	0.2	0.3
Imerys:	0.8	1.6	1.5
Noah:	0.5	0.5	0.6
Moneta Pumping Station:	0.2	0.7	0.2
Sandy:	0.6	0.2	0.4
Water Tower:	2.6	1.8	4.1
Wilson:	0.5	0.3	0.6