

Hollinger Public Blast Report

Blast Pattern: 3328_092
Date: 6-Jun-20
Blast Time: 11:32
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 35298 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 20 km/hr
Wind Direction: N
Temperature: 10.6 °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:	56.4 LAeq	108.8 dB
Edwards:	51.6 LAeq	105.3 dB
Fred:	48.7 LAeq	110.0 dB
Hollinger Office:	55.1 LAeq	114.6 dB
Noah:	60.4 LAeq	107.6 dB
Sandy:	50.1 LAeq	114.2 dB
Water Tower:	49.5 LAeq	117.7 dB
Wilson:	49.3 LAeq	112.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.0	10.0	15.7	17.1
Edwards:	6.4	7.0	8.9	9.8
Hollinger Office:	5.0	6.4	13.0	23.3
Sandy:	6.1	13.5	22.2	55.8

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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:	0.0	0.0
Edwards:	0.6	1.1
Hollinger Office:	1.1	1.6
Sandy:	2.5	6.8

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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