

Hollinger Public Blast Report

Blast Pattern: 3328_117
Date: 16-Sep-20
Blast Time: 11:45
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1640 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 7 km/hr
Wind Direction: W
Temperature: 11 °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:	56.3 LAeq	115.6 dB
Edwards:	52.4 LAeq	101.1 dB
Fred:	45.7 LAeq	94.1 dB
Hollinger Office:	58.1 LAeq	110.3 dB
Noah:	61.6 LAeq	99.9 dB
Sandy:	48.3 LAeq	98.8 dB
Water Tower:	48.1 LAeq	101.6 dB
Wilson:	49.1 LAeq	95.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:			2.0	2.7
Edwards:	6.2	7.6	7.1	8.4
Hollinger Office:	27.3	48.9	43.9	75.2
Sandy:	3.7	4.5	6.1	8.5

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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:	4.6	7.9
Edwards:	6.7	9.3
Hollinger Office:	6.7	11.3
Sandy:	1.9	2.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	2.2	0.9	1.0
Edwards:	0.2	0.2	0.2
Hollinger Office:	1.2	0.2	0.4
Hollinger West:	0.2	0.1	0.2
Imerys:	0.3	0.2	0.3
Noah:	0.4	0.4	0.5
Moneta Pumping Station:	0.4	1.0	0.2
Sandy:	0.1	0.1	0.2
Water Tower:	0.2	0.1	0.2
Wilson:	0.5	0.3	0.5