

Hollinger Public Blast Report

Blast Pattern: 3304_013
Date: 9-Dec-20
Blast Time: 11:36
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 1392 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Snow
Wind Speed: 13
Wind Direction: WNW
Temperature: 0.2 °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:	56.2 LAeq	104.0 dB
Edwards:	51.3 LAeq	98.8 dB
Fred:	45.7 LAeq	96.9 dB
Hollinger Office:	57.6 LAeq	103.6 dB
Noah:	60.5 LAeq	101.6 dB
Sandy:	45.5 LAeq	109.5 dB
Water Tower:	47.5 LAeq	108.2 dB
Wilson:	48.2 LAeq	107.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.7	10.3	6.0	6.3
Edwards:	4.9	5.4	11.9	13.5
Hollinger Office:	6.7	8.6	17.5	23.1
Sandy:	6.0	10.3	8.7	14.7

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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:	2.1	2.7
Edwards:	2.5	3.7
Hollinger Office:	4.5	6.8
Sandy:	4.8	7.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.0
Edwards:	0.0	0.0	0.1
Hollinger Office:	0.4	0.4	0.4
Hollinger West:	2.5	3.7	3.1
Imerys:	0.5	0.9	0.5
Noah:	1.4	0.7	1.0
Moneta Pumping Station:	0.4	0.5	0.5
Sandy:	1.8	0.7	1.7
Water Tower:	1.5	1.5	1.6
Wilson:	3.4	2.6	3.5