

Hollinger Public Blast Report

Blast Pattern: 3310_112A/113
Date: 3-May-22
Blast Time: 15:42
Blast Sign Activation: 7:16
Website Notification Time: 7:06

Blast Conditions

Ceiling Height: 656 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 15
Wind Direction: W
Temperature: 5.8 °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:	57.9 LAeq	111.2 dB
Edwards:	51.1 LAeq	98.4 dB
Fred:	46.5 LAeq	103.9 dB
Hollinger Office:	56.8 LAeq	115.7 dB
Noah:	63.3 LAeq	105.3 dB
Sandy:	LAeq	dB
Water Tower:	48.5 LAeq	110.2 dB
Wilson:	50.7 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:	9.7	10.3	11.2	11.9
Edwards:	7.3	10.3	13.3	21.7
Hollinger Office:	6.4	11.6	16.1	29.5
Sandy:	2.5	3.3	6.5	8.0

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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:	1.3	3.1
Edwards:	3.1	6.8
Hollinger Office:	2.4	3.5
Sandy:	1.0	1.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.0	0.6	1.9
Edwards:	0.5	0.3	0.3
Hollinger Office:	0.4	0.2	0.4
Hollinger West:	0.3	0.1	0.3
Imerys:	0.4	0.3	0.4
Noah:	0.7	0.5	0.6
Moneta Pumping Station:	0.6	0.4	0.8
Sandy:	0.5	0.2	0.4
Water Tower:	0.2	0.1	0.2
Wilson:	0.6	0.5	0.6

