

Hollinger Public Blast Report

Blast Pattern: 3310_095
Date: 16-Mar-22
Blast Time: 11:38
Blast Sign Activation: 7:07
Website Notification Time: 7:35

Blast Conditions

Ceiling Height: 1,969 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast
Wind Speed: 4
Wind Direction: E
Temperature: 1.7 °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:	48.4 LAeq	111.7 dB
Edwards:	0.0 LAeq	0.0 dB
Fred:	41.7 LAeq	92.8 dB
Hollinger Office:	50.7 LAeq	113.2 dB
Noah:	55.0 LAeq	107.5 dB
Sandy:	50.2 LAeq	103.4 dB
Water Tower:	44.0 LAeq	114.0 dB
Wilson:	53.9 LAeq	97.4 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.9	9.9	4.0	8.8
Edwards:	7.2	9.0	15.3	22.0
Hollinger Office:	9.0	13.3	21.8	37.0
Sandy:	3.0	5.8	10.4	17.7

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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:	3.0	9.4
Edwards:	13.9	20.8
Hollinger Office:	38.5	52.9
Sandy:	16.5	67.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.0
Edwards:	0.3	0.1	0.2
Hollinger Office:	0.6	0.8	0.6
Hollinger West:	0.3	0.2	0.2
Imerys:	0.5	0.4	0.3
Noah:	1.2	0.5	0.9
Moneta Pumping Station:	0.8	0.4	0.6
Sandy:	0.9	0.9	1.0
Water Tower:	0.4	0.4	0.5
Wilson:	2.0	1.4	2.0

