

Hollinger Public Blast Report

Blast Pattern: 3304_052
Date: 7-Apr-22
Blast Time: 15:36
Blast Sign Activation: 10:22
Website Notification Time: 10:12

Blast Conditions

Ceiling Height: 656 ft
Boundary Layer Height: n/a m
Cloud Cover: 100% Overcast Rain
Wind Speed: 9
Wind Direction: SE
Temperature: 5.3 °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:	57.8 LAeq	105.8 dB
Edwards:	48.0 LAeq	95.0 dB
Fred:	44.7 LAeq	85.1 dB
Hollinger Office:	56.3 LAeq	107.4 dB
Noah:	60.8 LAeq	100.9 dB
Sandy:	44.7 LAeq	102.1 dB
Water Tower:	54.0 LAeq	110.8 dB
Wilson:	49.8 LAeq	99.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	14.8	15.4	12.2	12.6
Edwards:	9.7	11.3	17.2	17.8
Hollinger Office:	10.0	11.0	15.8	16.4
Sandy:	9.3	9.9	11.5	12.0

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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:	2.4	3.0
Edwards:	2.5	3.4
Hollinger Office:	3.1	3.7
Sandy:	2.8	4.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.4	0.3
Edwards:	0.1	0.1	0.2
Hollinger Office:	0.9	0.7	1.2
Hollinger West:	0.4	0.2	0.3
Imerys:	0.8	0.4	0.7
Noah:	1.8	0.6	0.8
Moneta Pumping Station:	0.5	0.3	0.4
Sandy:	0.6	0.7	0.7
Water Tower:	0.7	0.5	0.5
Wilson:	1.7	1.3	1.5

