

Hollinger Public Blast Report

Blast Pattern: 3304_061
Date: 24-May-22
Blast Time: 11:35
Blast Sign Activation: 7:20
Website Notification Time: 7:24

Blast Conditions

Ceiling Height: 29,856 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 13
Wind Direction: S
Temperature: 15.3 °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:	55.4 LAeq	113.1 dB
Edwards:	47.9 LAeq	104.0 dB
Fred:	45.6 LAeq	108.6 dB
Hollinger Office:	56.5 LAeq	111.5 dB
Noah:	60.4 LAeq	107.9 dB
Sandy:	50.8 LAeq	104.8 dB
Water Tower:	48.1 LAeq	113.7 dB
Wilson:	47.7 LAeq	107.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	15.1	16.2	21.8	23.2
Edwards:	7.2	11.3	16.0	31.8
Hollinger Office:	13.6	29.7	22.0	60.5
Sandy:	15.9	47.9	23.3	59.9

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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:	0.2	0.9
Edwards:	0.9	3.5
Hollinger Office:	2.5	4.1
Sandy:	4.1	15.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.4	0.0
Edwards:	0.1	0.1	0.1
Hollinger Office:	2.3	2.6	0.1
Hollinger West:	0.3	0.4	0.0
Imerys:	2.8	2.2	0.1
Noah:	1.5	1.8	0.4
Moneta Pumping Station:	0.2	0.2	0.0
Sandy:			
Water Tower:	1.4	1.8	0.0
Wilson:	1.0	0.8	0.2

