

Hollinger Public Blast Report

Blast Pattern: 3304_053
Date: 20-Apr-22
Blast Time: 11:34
Blast Sign Activation: 8:38
Website Notification Time: 8:30

Blast Conditions

Ceiling Height: 29,855 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 0% Clear
 Wind Speed: 6
 Wind Direction: E
 Temperature: 0.6 °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:	54.0 LAeq	101.7 dB
Edwards:	61.9 LAeq	99.3 dB
Fred:	40.2 LAeq	94.0 dB
Hollinger Office:	53.9 LAeq	106.8 dB
Noah:	59.7 LAeq	99.6 dB
Sandy:	43.0 LAeq	104.6 dB
Water Tower:	44.5 LAeq	110.1 dB
Wilson:	45.2 LAeq	96.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.4	11.9	9.9	11.0
Edwards:	11.9	17.1	19.6	32.3
Hollinger Office:	14.8	22.5	23.5	38.9
Sandy:	6.4	6.9	11.5	16.9

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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:	1.1	1.9
Edwards:	1.2	2.5
Hollinger Office:	5.6	14.4
Sandy:	0.5	0.6

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.4	0.3
Edwards:	0.3	0.2	0.5
Hollinger Office:	1.4	0.7	1.7
Hollinger West:	0.2	0.1	0.2
Imerys:	1.7	0.7	1.8
Noah:	2.1	1.8	1.6
Moneta Pumping Station:	0.3	0.1	0.3
Sandy:	0.4	0.2	0.3
Water Tower:	0.8	0.4	0.7
Wilson:	0.9	0.6	1.0

