

Hollinger Public Blast Report

Blast Pattern: 3268_013/014/015
Date: 13-May-22
Blast Time: 15:56
Blast Sign Activation: 7:25
Website Notification Time: 7:22

Blast Conditions

Ceiling Height: 18,044 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 17
Wind Direction: S
Temperature: 28.7 °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:	55.3 LAeq	106.0 dB
Edwards:	46.0 LAeq	110.1 dB
Fred:	46.1 LAeq	105.2 dB
Hollinger Office:	54.6 LAeq	117.5 dB
Noah:	60.3 LAeq	108.1 dB
Sandy:	LAeq	dB
Water Tower:	51.6 LAeq	118.0 dB
Wilson:	49.5 LAeq	109.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	23.7	25.6	40.6	45.2
Edwards:	13.8	14.3	33.9	35.8
Hollinger Office:	13.8	16.0	40.1	46.1
Sandy:	30.4	33.9	28.1	31.1

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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	2.8
Edwards:	0.8	1.9
Hollinger Office:	2.5	7.4
Sandy:	1.3	1.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.1	0.0	0.1
Hollinger Office:	0.5	0.2	0.7
Hollinger West:	4.4	2.2	3.2
Imerys:	1.4	1.6	1.2
Noah:	1.2	1.1	0.9
Moneta Pumping Station:	0.8	0.9	0.7
Sandy:	2.0	1.5	2.9
Water Tower:	3.7	2.7	5.0
Wilson:	1.9	3.2	3.9

