

Hollinger Public Blast Report

Blast Pattern: 3256_207PS
Date: 22-Apr-22
Blast Time: 11:35
Blast Sign Activation: 7:50
Website Notification Time: 7:23

Blast Conditions

Ceiling Height: 29,855 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 15
Wind Direction: N
Temperature: 1.2 °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:	55.9 LAeq	104.8 dB
Edwards:	47.1 LAeq	96.2 dB
Fred:	44.1 LAeq	102.9 dB
Hollinger Office:	55.6 LAeq	110.6 dB
Noah:	60.7 LAeq	107.6 dB
Sandy:	42.2 LAeq	109.6 dB
Water Tower:	45.9 LAeq	117.3 dB
Wilson:	47.5 LAeq	106.3 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	7.6	8.1	6.6	7.2
Edwards:	4.9	5.9	15.2	19.3
Hollinger Office:	7.5	11.4	22.7	32.5
Sandy:	2.2	3.5	8.7	14.4

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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:	0.0	0.1
Edwards:	0.5	0.7
Hollinger Office:	2.4	3.0
Sandy:	1.8	5.3

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	0.0
Hollinger Office:	0.4	0.3	0.2
Hollinger West:	4.4	2.2	6.2
Imerys:	0.4	0.7	0.3
Noah:	1.4	0.9	1.4
Moneta Pumping Station:	0.4	0.2	0.6
Sandy:	1.4	0.8	1.1
Water Tower:	1.1	0.7	0.6
Wilson:	2.2	2.2	3.1

