

Hollinger Public Blast Report

Blast Pattern: 3250_003
Date: 13-Aug-22
Blast Time: 11:34
Blast Sign Activation: 7:18
Website Notification Time: 7:02

Blast Conditions

Ceiling Height: 29,856 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Clear
Wind Speed: 7
Wind Direction: SW
Temperature: 21.2 °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:	54.3 LAeq	98.3 dB
Edwards:	46.9 LAeq	94.2 dB
Fred:	44.1 LAeq	91.0 dB
Hollinger Office:	55.3 LAeq	101.3 dB
Noah:	60.7 LAeq	101.9 dB
Sandy:	46.6 LAeq	109.0 dB
Water Tower:	48.7 LAeq	88.9 dB
Wilson:	46.2 LAeq	108.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.1	10.5	2.7	8.9
Edwards:	8.5	20.2	15.4	30.0
Hollinger Office:	10.2	15.6	16.3	21.5
Sandy:	3.0	4.4	6.5	8.9

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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:	1.2	2.0
Edwards:	2.1	4.7
Hollinger Office:	2.7	5.1
Sandy:	0.1	0.4

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:	0.4	0.2	0.3
Hollinger West:	1.0	0.4	0.8
Imerys:	1.1	0.8	0.8
Noah:	0.8	0.6	0.8
Moneta Pumping Station:	0.6	0.3	0.5
Sandy:	6.2	1.1	2.0
Water Tower:	2.3	1.8	2.8
Wilson:	1.3	1.1	2.0

