

Hollinger Public Blast Report

Blast Pattern: 3280_005
Date: 29-Oct-21
Blast Time: 11:51
Blast Sign Activation: 7:40
Website Notification Time: 7:30

Blast Conditions

Ceiling Height: 23,950 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 25% Scattered Clouds
 Wind Speed: 7
 Wind Direction: S
 Temperature: 6.6 °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:	55.9 LAeq	101.7 dB
Edwards:	44.0 LAeq	94.0 dB
Fred:	42.5 LAeq	92.9 dB
Hollinger Office:	56.9 LAeq	110.7 dB
Noah:	60.9 LAeq	103.8 dB
Sandy:	45.0 LAeq	106.3 dB
Water Tower:	49.9 LAeq	115.0 dB
Wilson:	50.9 LAeq	100.5 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.7	6.6	6.0	8.1
Edwards:	6.6	7.2	8.9	10.0
Hollinger Office:	5.7	6.4	14.9	21.7
Sandy:	3.3	4.4	8.1	10.8

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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:	3.2	8.2
Edwards:	10.8	16.6
Hollinger Office:	18.3	34.8
Sandy:	1.3	2.0

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:	0.0	0.0	0.1
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	3.2	1.9	3.3
Imerys:	0.8	0.9	0.9
Noah:	1.2	0.9	0.8
Moneta Pumping Station:	0.3	0.6	0.4
Sandy:	0.0	0.0	0.0
Water Tower:	2.4	2.5	3.3
Wilson:	1.9	1.6	2.3