

Hollinger Public Blast Report

Blast Pattern: 3310_070
Date: 28-Oct-21
Blast Time: 15:32
Blast Sign Activation: 7:01
Website Notification Time: 6:50

Blast Conditions

Ceiling Height: 29,856 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 25% Scattered Clouds
 Wind Speed: 11
 Wind Direction: NE
 Temperature: 12.2 °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:	58.1 LAeq	113.0 dB
Edwards:	49.4 LAeq	101.8 dB
Fred:	45.4 LAeq	98.4 dB
Hollinger Office:	57.0 LAeq	119.0 dB
Noah:	61.5 LAeq	106.8 dB
Sandy:	45.0 LAeq	105.2 dB
Water Tower:	55.1 LAeq	114.8 dB
Wilson:	52.1 LAeq	105.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	6.7	7.0	4.7	5.6
Edwards:	6.3	8.5	7.4	10.8
Hollinger Office:	8.0	9.1	8.5	11.1
Sandy:	8.4	15.1	8.8	16.5

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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:	1.0	1.1
Edwards:	1.9	2.2
Hollinger Office:	4.7	5.0
Sandy:	7.2	23.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.5	0.5	0.6
Edwards:	0.1	0.1	0.2
Hollinger Office:	3.0	1.8	5.1
Hollinger West:	0.5	0.7	0.8
Imerys:	1.6	0.9	1.8
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.3	0.3	0.3
Sandy:	0.0	0.0	0.0
Water Tower:	0.7	0.4	0.8
Wilson:	1.3	0.9	0.9