

Hollinger Public Blast Report

Blast Pattern: 3310_060
Date: 28-Sep-21
Blast Time: 11:45
Blast Sign Activation: 7:45
Website Notification Time: 7:18

Blast Conditions

Ceiling Height: 29,855 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 25% Scattered Clouds
 Wind Speed: 9
 Wind Direction: W
 Temperature: 11.4 °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:	56.9 LAeq	107.5 dB
Edwards:	50.1 LAeq	98.4 dB
Fred:	45.9 LAeq	95.3 dB
Hollinger Office:	58.1 LAeq	107.9 dB
Noah:	63.6 LAeq	99.8 dB
Sandy:	46.6 LAeq	105.3 dB
Water Tower:	52.6 LAeq	113.3 dB
Wilson:	49.5 LAeq	104.8 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.7	3.9	3.3	4.7
Edwards:	6.0	8.8	7.6	11.7
Hollinger Office:	10.4	11.4	10.0	14.7
Sandy:	2.0	2.6	5.1	6.9

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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:	1.6	4.7
Edwards:	2.3	6.9
Hollinger Office:	6.2	8.5
Sandy:	1.2	2.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.3	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.2	0.5	1.1
Hollinger West:	0.9	0.2	0.5
Imerys:	1.6	1.2	1.8
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.5	0.4	0.5
Sandy:	0.6	0.4	0.6
Water Tower:	1.5	0.6	2.1
Wilson:	1.3	1.1	1.3