

Hollinger Public Blast Report

Blast Pattern: 3298_023, 3310_220 PS
Date: 28-Apr-21
Blast Time: 11:50
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 21981 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 15
Wind Direction: NE
Temperature: 10.5 °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:	56.4 LAeq	102.5 dB
Edwards:	55.7 LAeq	100.7 dB
Fred:	49.3 LAeq	104.7 dB
Hollinger Office:	58.2 LAeq	111.0 dB
Noah:	63.2 LAeq	104.6 dB
Sandy:	46.6 LAeq	105.0 dB
Water Tower:	52.0 LAeq	111.2 dB
Wilson:	51.7 LAeq	102.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	11.7	15.0	6.2	13.4
Edwards:	20.9	32.1	33.5	62.0
Hollinger Office:	30.2	38.7	37.9	61.5
Sandy:	13.5	24.8	31.5	66.5

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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:	0.3	0.7
Edwards:	1.3	2.4
Hollinger Office:	3.7	9.3
Sandy:	8.5	25.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	3.4	1.6	3.0
Edwards:	1.2	1.1	0.3
Hollinger Office:	0.8	0.6	0.8
Hollinger West:	1.7	0.6	2.4
Imerys:	0.7	0.5	0.7
Noah:	0.9	0.5	1.2
Moneta Pumping Station:	1.1	0.8	1.3
Sandy:	3.7	2.7	3.6
Water Tower:	1.1	0.8	1.9
Wilson:	2.2	1.9	2.3