

Hollinger Public Blast Report

Blast Pattern: 3310_106
Date: 11-May-22
Blast Time: 11:35
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 23,950 ft
 Boundary Layer Height: n/a m
 Cloud Cover: 0% Clear
 Wind Speed: 11
 Wind Direction: NE
 Temperature: 18.5 °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:	55.7 LAeq	112.0 dB
Edwards:	54.5 LAeq	104.6 dB
Fred:	45.6 LAeq	94.9 dB
Hollinger Office:	56.5 LAeq	117.0 dB
Noah:	61.5 LAeq	107.4 dB
Sandy:	43.2 LAeq	103.7 dB
Water Tower:	51.0 LAeq	116.6 dB
Wilson:	50.8 LAeq	101.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	21.9	22.5	24.7	26.1
Edwards:	21.0	25.9	29.2	38.8
Hollinger Office:	16.8	19.5	34.4	37.4
Sandy:	10.6	12.4	19.3	20.6

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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:	0.8	0.9
Edwards:	0.8	1.0
Hollinger Office:	2.2	2.8
Sandy:	5.6	17.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.6	0.3	0.7
Edwards:	0.4	0.2	0.4
Hollinger Office:	0.5	0.2	0.3
Hollinger West:	0.5	0.1	0.4
Imerys:	0.7	0.3	0.7
Noah:	0.5	0.8	0.6
Moneta Pumping Station:	1.1	0.9	1.3
Sandy:	1.1	0.4	1.1
Water Tower:	0.4	0.2	0.4
Wilson:	0.8	0.7	1.2

