

Hollinger Public Blast Report

Blast Pattern: 3316_019
Date: 17-Jun-20
Blast Time: 15:33
Blast Sign Activation: 8:15
Website Notification Time: 8:01

Blast Conditions

Ceiling Height: 32808 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 13 km/hr
Wind Direction: SW
Temperature: 31.7 °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:	55.3 LAeq	105.5 dB
Edwards:	50.0 LAeq	102.7 dB
Fred:	47.2 LAeq	101.6 dB
Hollinger Office:	56.1 LAeq	109.9 dB
Noah:	61.0 LAeq	109.7 dB
Sandy:	50.3 LAeq	108.6 dB
Water Tower:	49.7 LAeq	117.0 dB
Wilson:	50.5 LAeq	109.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	23.0	28.8	34.6	43.6
Edwards:	22.8	42.1	36.4	77.6
Hollinger Office:	28.2	30.0	38.8	42.6
Sandy:	42.2	66.2	27.4	41.9

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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:	0.7	1.4
Edwards:	1.5	2.5
Hollinger Office:	4.1	11.2
Sandy:	0.0	0.0

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:	0.1	0.0	0.1
Hollinger Office:	0.3	0.2	0.3
Hollinger West:	7.1	3.1	6.4
Imerys:	0.8	0.7	0.7
Noah:	0.7	0.6	0.7
Moneta Pumping Station:	0.6	0.4	0.6
Sandy:	3.7	1.1	1.5
Water Tower:	1.9	1.1	1.9
Wilson:	2.9	3.6	3.6