

Hollinger Public Blast Report

Blast Pattern: 3310_014, 3310_212PS
Date: 14-Aug-20
Blast Time: 11:39
Blast Sign Activation: 7:45
Website Notification Time: 7:32

Blast Conditions

Ceiling Height: 32808 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 7 km/hr
Wind Direction: S
Temperature: 26.8 °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:	55.1 LAeq	101.5 dB
Edwards:	46.6 LAeq	97.0 dB
Fred:	43.1 LAeq	90.0 dB
Hollinger Office:	56.3 LAeq	108.0 dB
Noah:	59.9 LAeq	101.7 dB
Sandy:	49.2 LAeq	106.4 dB
Water Tower:	49.5 LAeq	115.3 dB
Wilson:	48.7 LAeq	103.6 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	27.3	28.3	28.7	32.1
Edwards:	2.7	3.1	45.1	51.6
Hollinger Office:	20.5	22.5	52.8	69.4
Sandy:	17.2	18.8	25.0	28.1

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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:	1.3	2.2
Edwards:	2.2	4.7
Hollinger Office:	1.9	4.1
Sandy:	1.6	2.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.7	0.6
Edwards:	0.2	0.1	0.2
Hollinger Office:	0.7	1.1	0.9
Hollinger West:	2.9	1.1	1.9
Imerys:	1.7	1.0	1.4
Noah:	1.6	0.8	1.2
Moneta Pumping Station:	0.4	0.5	0.6
Sandy:	2.4	0.8	1.5
Water Tower:	1.0	0.8	1.1
Wilson:	2.1	3.1	3.6