

Hollinger Public Blast Report

Blast Pattern: 3334_099, Misshole 61
Date: 14-Mar-20
Blast Time: 15:47
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 32808 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 17 km/hr
Wind Direction: NW
Temperature: -3.9 °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:	51.7 LAeq	108.0 dB
Edwards:	46.0 LAeq	104.1 dB
Fred:	41.9 LAeq	103.9 dB
Hollinger Office:	52.1 LAeq	110.1 dB
Noah:	59.5 LAeq	107.9 dB
Sandy:	39.7 LAeq	104.1 dB
Water Tower:	49.3 LAeq	116.7 dB
Wilson:	56.0 LAeq	106.7 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	5.5	5.7	4.6	4.8
Edwards:	4.7	5.2	8.3	9.6
Hollinger Office:	5.3	5.7	8.5	9.9
Sandy:	6.2	9.2	7.8	13.1

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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:	0.2	0.3
Edwards:	0.9	1.1
Hollinger Office:	2.6	3.0
Sandy:	7.5	19.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.4	0.2	0.3
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.8	0.9	2.0
Hollinger West:	0.1	0.1	0.1
Imerys:	0.6	0.5	1.1
Noah:	1.1	0.7	1.2
Moneta Pumping Station:	0.1	0.1	0.1
Sandy:	0.2	0.1	0.1
Water Tower:	0.2	0.2	0.3
Wilson:	0.8	0.4	0.5