

Hollinger Public Blast Report

Blast Pattern: 3328_119, 3328_130
Date: 24-Nov-20
Blast Time: 11:49
Blast Sign Activation: 8:50
Website Notification Time: 8:24

Blast Conditions

Ceiling Height: 32808 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 13 km/hr
Wind Direction: S
Temperature: -12.6 °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:	53.1 LAeq	108.2 dB
Edwards:	42.9 LAeq	102.7 dB
Fred:	42.2 LAeq	96.9 dB
Hollinger Office:	54.6 LAeq	112.0 dB
Noah:	59.7 LAeq	104.6 dB
Sandy:	48.6 LAeq	101.7 dB
Water Tower:	58.2 LAeq	116.3 dB
Wilson:	50.5 LAeq	97.7 dB

Dust Levels ($\mu\text{g}/\text{m}^3$) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	18.2	40.2	12.2	44.1
Edwards:	2.1	5.8	4.9	9.5
Hollinger Office:	5.9	34.6	8.2	29.4
Sandy:	3.5	5.6	3.1	5.5

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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:	2.4	11.0
Edwards:	0.4	0.7
Hollinger Office:	7.8	24.7
Sandy:	3.2	7.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

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