

Hollinger Public Blast Report



Blast Pattern: 3334_082A, 3340_160
Date: 13-Jul-19
Blast Time: 11:40
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 2500 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 15 km/hr
Wind Direction: W
Temperature: 21 °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:	54.0 LAeq	105.4 dB
Edwards:	48.9 LAeq	99.4 dB
Fred:	45.4 LAeq	101.2 dB
Hollinger Office:	55.2 LAeq	104.7 dB
Noah:	61.4 LAeq	108.2 dB
Sandy:	43.4 LAeq	103.3 dB
Water Tower:	49.0 LAeq	113.4 dB
Wilson:	45.3 LAeq	103.1 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	3.0	4.0	12.0	13.5
Edwards:	8.3	10.0	20.9	27.9
Hollinger Office:	20.1	29.7	22.2	39.4
Sandy:	6.2	19.1	20.5	49.2

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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:	1.8	5.6
Edwards:	2.9	5.4
Hollinger Office:	0.8	2.0
Sandy:	3.0	11.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.1	0.2
Edwards:	0.1	0.0	0.1
Hollinger Office:	1.5	0.7	2.0
Hollinger West:	1.0	0.7	1.0
Imerys:	3.2	3.3	2.8
Noah:	0.8	0.8	1.1
Moneta Pumping Station:	0.4	0.3	0.5
Sandy:	3.1	1.1	2.6
Water Tower:	3.8	1.6	3.5
Wilson:	2.3	1.9	3.4