

Hollinger Public Blast Report

Blast Pattern: 3328_099
Date: 16-May-20
Blast Time: 11:32
Blast Sign Activation: 7:30
Website Notification Time: 7:30

Blast Conditions

Ceiling Height:	26000	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	75%	Cloudy
Wind Speed:	10	km/hr
Wind Direction:	NE	
Temperature:	10.8	°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:	53.6 LAeq	104.8 dB
Edwards:	46.1 LAeq	102.9 dB
Fred:	45.3 LAeq	102.8 dB
Hollinger Office:	54.9 LAeq	112.2 dB
Noah:	59.0 LAeq	102.3 dB
Sandy:	44.3 LAeq	99.3 dB
Water Tower:	48.9 LAeq	111.7 dB
Wilson:	48.9 LAeq	97.3 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.8	10.5	12.1	12.7
Edwards:	6.4	8.7	10.8	16.4
Hollinger Office:	7.9	9.4	17.4	25.0
Sandy:	2.8	3.1	3.9	5.0

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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:	0.1	0.2
Edwards:	0.8	1.2
Hollinger Office:	1.1	1.3
Sandy:	3.2	11.7

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.8	0.4	0.6
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.1	0.5	1.0
Hollinger West:	0.2	0.1	0.2
Imerys:	0.7	0.4	0.7
Noah:	0.8	0.5	0.6
Moneta Pumping Station:	0.3	0.2	0.5
Sandy:	0.3	0.1	0.3
Water Tower:	0.4	0.2	0.4
Wilson:	0.9	0.4	0.8