

Hollinger Public Blast Report

Blast Pattern: 3310_086
Date: 13-Dec-21
Blast Time: 11:38
Blast Sign Activation: 7:45
Website Notification Time: 7:20

Blast Conditions

Ceiling Height:	8,858	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	9	
Wind Direction:	SW	
Temperature:	1.9	°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:	53.0 LAeq	114.1 dB
Edwards:	52.0 LAeq	106.9 dB
Fred:	43.9 LAeq	102.2 dB
Hollinger Office:	54.3 LAeq	111.8 dB
Noah:	59.1 LAeq	107.8 dB
Sandy:	51.3 LAeq	102.9 dB
Water Tower:	51.2 LAeq	121.0 dB
Wilson:	51.4 LAeq	107.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	8.7	9.2	8.1	9.1
Edwards:	7.1	9.3	13.4	16.6
Hollinger Office:	8.5	17.2	20.3	61.9
Sandy:	5.7	6.3	10.3	11.0

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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:	1.0	2.0
Edwards:	25.5	27.3
Hollinger Office:	12.3	15.3
Sandy:	5.2	9.5

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	1.3	0.8	2.6
Edwards:	0.3	0.2	0.5
Hollinger Office:	0.8	0.3	0.7
Hollinger West:	0.2	0.1	0.2
Imerys:	0.4	0.4	0.4
Noah:	1.0	0.4	0.7
Moneta Pumping Station:	0.3	0.2	0.3
Sandy:	0.5	0.5	0.5
Water Tower:	0.2	0.2	0.4
Wilson:	1.3	1.6	1.9