

Hollinger Public Blast Report

Blast Pattern: 3316_025
Date: 11-Aug-20
Blast Time: 11:42
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	28300	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	0%	Clear
Wind Speed:	9	km/hr
Wind Direction:	SSW	
Temperature:	24.3	°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:	56.0 LAeq	104.9 dB
Edwards:	52.3 LAeq	102.9 dB
Fred:	44.4 LAeq	107.5 dB
Hollinger Office:	59.9 LAeq	105.7 dB
Noah:	62.4 LAeq	103.4 dB
Sandy:	52.8 LAeq	108.3 dB
Water Tower:	48.9 LAeq	111.6 dB
Wilson:	49.2 LAeq	108.0 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	23.7	25.5	18.0	20.0
Edwards:	13.5	34.1	58.5	147.7
Hollinger Office:	78.2	116.0	130.0	208.1
Sandy:	13.4	14.7	19.2	21.9

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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:	0.5	2.0
Edwards:	7.3	13.7
Hollinger Office:	2.5	4.0
Sandy:	1.2	1.5

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	0.1	0.1
Hollinger Office:	0.6	0.3	0.7
Hollinger West:	0.8	0.5	0.7
Imerys:	1.1	1.4	1.6
Noah:	1.4	0.8	1.0
Moneta Pumping Station:	0.4	0.2	0.4
Sandy:	1.2	0.6	0.8
Water Tower:	2.6	1.3	4.8
Wilson:	2.3	2.9	2.1