

Hollinger Public Blast Report

Blast Pattern: 3310_032
Date: 5-Oct-20
Blast Time: 11:44
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height:	29855	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	25%	Scattered Clouds
Wind Speed:	11	km/hr
Wind Direction:	S	
Temperature:	9.3	°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:	58.0 LAeq	110.9 dB
Edwards:	53.9 LAeq	110.5 dB
Fred:	50.2 LAeq	113.0 dB
Hollinger Office:	57.9 LAeq	121.9 dB
Noah:	62.3 LAeq	113.8 dB
Sandy:	55.5 LAeq	117.6 dB
Water Tower:	57.6 LAeq	118.8 dB
Wilson:	52.8 LAeq	113.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:			3.7	6.1
Edwards:	7.5	10.7	18.0	44.1
Hollinger Office:	10.7	17.9	22.1	39.5
Sandy:	6.2	8.0	9.5	12.8

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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:	0.3	1.7
Edwards:	2.6	6.4
Hollinger Office:	4.0	7.5
Sandy:	0.8	1.0

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.0	0.0	0.1
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.2	0.3	0.2
Hollinger West:	3.5	3.9	3.6
Imerys:	0.8	0.5	0.9
Noah:	0.8	0.7	0.6
Moneta Pumping Station:	0.4	0.4	0.4
Sandy:	1.2	0.6	1.3
Water Tower:	1.0	1.2	1.2
Wilson:	2.2	2.0	2.9