Hollinger Public Blast Report

Blast Pattern:	**3328_083**
Date:	**11-Dec-19**
Blast Time:	**11:43**
Blast Sign Activation:	**8:00**
Website Notification Time:	**8:00**

Blast Conditions

Ceiling Height:	400	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	100%	Overcast
Wind Speed:	9	km/hr
Wind Direction:	NW	
Temperature:	-19.2	°C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

1: Hollinger Office
2: Shania Twain
3: Extendicare

	Laeq	**$L_{peak\ dB}$**
Comfort Inn:	52.7 LAeq	101.6 dB
Edwards:	54.1 LAeq	93.1 dB
Fred:	36.2 LAeq	97.0 dB
Hollinger Office:	53.2 LAeq	104.3 dB
Noah:	59.9 LAeq	102.2 dB
Sandy:	39.7 LAeq	104.7 dB
Water Tower:	47.4 LAeq	109.7 dB
Wilson:	52.9 LAeq	101.1 dB

Dust Levels (μg/m^3) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.1	12.2	5.3	9.6
Edwards:	6.9	8.9	13.3	23.8
Hollinger Office:	9.1	12.8	12.1	16.2
Sandy:	6.0	9.7	8.8	13.7

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<u>NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:</u>

NO_x Alert: No exceedances recorded

	Avg. NO_x	Max NO_x
Claimpost:	9.1	14.3
Edwards:	9.4	15.9
Hollinger Office:	12.6	23.1
Sandy:	11.0	22.0

<u>Vibration (mm/s) – Vibration Instruments Reviewed:</u>

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.1	0.1
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.4	0.2	0.5
Hollinger West:	0.5	0.3	0.5
Imerys:	0.0	0.1	0.0
Noah:	1.1	0.7	1.4
Moneta Pumping Station:	0.2	0.1	0.1
Sandy:	0.4	0.2	0.4
Water Tower:	3.6	2.4	3.8
Wilson:	0.6	0.4	0.5