Hollinger Public Blast Report

Blast Pattern:	**3310_062**
Date:	**5-Oct-21**
Blast Time:	**11:43**
Blast Sign Activation:	**8:00**
Website Notification Time:	**8:00**

Blast Conditions

Ceiling Height:	29,855	ft
Boundary Layer Height:	n/a	m
Cloud Cover:	0%	Clear
Wind Speed:	6	
Wind Direction:	SE	
Temperature:	17.1	°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:	55.9 LAeq	106.5 dB
Edwards:	44.9 LAeq	101.4 dB
Fred:	42.9 LAeq	91.0 dB
Hollinger Office:	59.6 LAeq	109.9 dB
Noah:	61.3 LAeq	101.8 dB
Sandy:	45.8 LAeq	102.2 dB
Water Tower:	54.1 LAeq	115.0 dB
Wilson:	49.8 LAeq	96.9 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.9	10.9	11.4	13.3
Edwards:	8.2	9.0	14.7	18.6
Hollinger Office:	14.1	18.5	21.3	26.6
Sandy:	12.9	23.6	20.1	35.8

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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:	2.9	5.0
Edwards:	1.5	2.8
Hollinger Office:	6.2	15.0
Sandy:	18.1	38.8

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

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.2	0.2	0.2
Edwards:	0.1	0.1	0.1
Hollinger Office:	1.0	0.5	1.2
Hollinger West:	0.5	0.3	0.5
Imerys:	1.8	1.0	2.2
Noah:	0.0	0.0	0.0
Moneta Pumping Station:	0.5	0.2	0.4
Sandy:	0.0	0.0	0.0
Water Tower:	2.2	1.0	1.7
Wilson:	1.3	1.1	1.8