

Hollinger Public Blast Report



Blast Pattern: 3328_063
Date: 2-Dec-19
Blast Time: 11:46
Blast Sign Activation: 8:00
Website Notification Time: 8:00

Blast Conditions

Ceiling Height: 10000 ft
Boundary Layer Height: n/a m
Cloud Cover: 25% Scattered Clouds
Wind Speed: 6 km/hr
Wind Direction: S
Temperature: -10 °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:	L _{Aeq}	dB
Edwards:	53.3 L _{Aeq}	94.7 dB
Fred:	37.0 L _{Aeq}	88.8 dB
Hollinger Office:	55.4 L _{Aeq}	108.1 dB
Noah:	56.8 L _{Aeq}	101.3 dB
Sandy:	38.8 L _{Aeq}	104.9 dB
Water Tower:	47.2 L _{Aeq}	112.8 dB
Wilson:	46.4 L _{Aeq}	100.8 dB

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	9.3	24.2	8.8	22.3
Edwards:	3.3	4.5	29.1	44.4
Hollinger Office:	25.7	58.1	60.9	175.8
Sandy:	22.5	27.5	21.3	25.4

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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:	27.7	96.9
Edwards:	71.5	131.3
Hollinger Office:	94.5	156.9
Sandy:	49.2	62.2

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:			
Edwards:	0.4	0.1	0.3
Hollinger Office:	0.3	0.3	0.5
Hollinger West:	0.4	0.2	0.6
Imerys:	0.6	0.4	0.6
Noah:	0.7	0.4	0.7
Moneta Pumping Station:	0.7	0.6	0.7
Sandy:	1.2	0.6	1.3
Water Tower:	0.5	0.2	0.5
Wilson:	1.2	0.6	1.5