

Hollinger Public Blast Report

Blast Pattern: 3316_062
Date: 7-Jun-21
Blast Time: 11:34
Blast Sign Activation: N/a
Website Notification Time: 8:28

Blast Conditions

Ceiling Height: 32,808 ft
Boundary Layer Height: n/a m
Cloud Cover: 50% Partially Cloudy
Wind Speed: 19
Wind Direction: W
Temperature: 29 °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:	56.7 LAeq	114.1 dB
Edwards:	LAeq	dB
Fred:	48.0 LAeq	108.0 dB
Hollinger Office:	57.4 LAeq	117.4 dB
Noah:	61.2 LAeq	111.1 dB
Sandy:	50.4 LAeq	106.8 dB
Water Tower:	52.5 LAeq	120.0 dB
Wilson:	49.7 LAeq	111.4 dB

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

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	15.6	16.1	50.4	51.7
Edwards:			0.0	
Hollinger Office:	25.1	30.7	45.7	67.3
Sandy:	18.5	22.0	29.8	33.6

Hollinger Public Blast Report



NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

	Avg. NO _x	Max NO _x
Claimpost:	1.7	3.3
Edwards:	0.0	0.0
Hollinger Office:	6.0	8.4
Sandy:	2.0	2.4

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.3	0.3	0.4
Edwards:	0.1	0.1	0.1
Hollinger Office:	3.9	2.1	5.5
Hollinger West:	0.4	0.2	0.4
Imerys:	0.2	0.0	0.0
Noah:	1.3	0.8	1.3
Moneta Pumping Station:	0.3	0.1	0.3
Sandy:	0.3	0.1	0.3
Water Tower:	2.1	0.9	2.1
Wilson:	0.8	0.8	0.9