

Hollinger Public Blast Report

Blast Pattern: 3365-15_13
Date: Sept 7, 2014
Blast Time: 11:35
Blast Sign Activation: 07:30
Website Notification Time: 07:30

Blast Conditions

Ceiling Height: 2360 m
 Boundary Layer Height: 670 m
 Cloud Cover: 100% (Overcast)
 Wind Speed: 4 km/hr
 Wind Direction: NE
 Temperature: 11.3 °C

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

Noise Alert: Exceedances due to blast siren

Blast Siren Locations:

- 1: Hollinger Office**
- 2: Shania Twain**
- 3: Extendicare**

	LA_{eq}	L_{Peak}
Comfort Inn:	52.5 L _{Aeq}	93.7 dB
Edwards:	46.8 L _{Aeq}	94.2 dB
Fred:	46.7 L _{Aeq}	87.8 dB
Hollinger Office:	63.8 L _{Aeq}	102.3 dB
Noah:	60.6 L _{Aeq}	107.2 dB
Sandy:	69.8 L _{Aeq}	108.2 dB
Water Tower:	Off (due to water tower painting)	
Wilson:	45.6 L _{Aeq}	114.3 dB

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

Dust Alert: No exceedances recorded.

	Avg. PM10	Max PM10	Avg. TSP	Max TSP
Claimpost:	2.8	4.0	10.2	11.4
Edwards:	3.7	4.5	7.9	9.7
Hollinger Office:	4.4	6.7	10.5	13.9
Hollinger Park:	n/a	n/a	n/a	n/a
Sandy:	5.5	8.4	12.2	19.2

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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:	1.4	1.8
Edwards:	2.6	4.8
Hollinger Office:	2.4	6.3
Hollinger Park:	n/a	n/a
Sandy:	2.7	3.1

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded.

	Trans PPV	Vert PPV	Long PPV
Comfort Inn:	0.1	0.0	0.1
Edwards:	0.0	0.0	0.0
Hollinger Office:	0.1	0.1	0.1
Hollinger West:	3.7	1.7	1.7
Imerys:	0.5	0.8	0.8
Noah:	0.3	0.3	0.3
Moneta Pumping Station:	0.2	0.2	0.2
Sandy:	0.9	0.6	0.6
Water Tower:	Off (due to water tower painting)		
Wilson:	1.5	1.0	1.6