



NATIONAL TRANSPORTATION SAFETY BOARD
Investigative Hearing

Washington Metropolitan Area Transit Authority Metrorail train 302 that encountered heavy smoke in the tunnel between the L'Enfant Plaza Station and the Potomac River Bridge on January 12, 2015

GROUP	C
EXHIBIT	
11	

Agency / Organization

WMATA

Title

Tunnel Leak Inspection Report 2010,
L'Enfant Plaza to L'Enfant Plaza Portal



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

TUNNEL LEAK INSPECTION REPORT

F03 L'Enfant Plaza to L'Enfant Plaza Portal OB (3,800 Ft)

Inspected By: Bradley Ricketts*

Date Inspected: 5/1/2010
Report Generated:

Category 1 - Active water leaks (severe) which are directly causing damage and premature loss of service life to current operating system elements such as: rail, rail fasteners, and other track components, switch hardware, hand railing, safety grab rails, fire line, cable fasteners, lights fixtures, etc.

Category 2 - Active or seasonal water leaks with a volume less than 30 drips/minute, which leak into the tunnel, but aren't directly causing damage to a element, but will reduce the service life of the current operating systems due to moisture and humidity.

Category 3 - Tunnel Water Leaks (DAMP AREAS)

CHAIN MARKER	TUNNEL AREA				COMPONENTS AFFECTED						Location & DRAIN SIZE	CATEGORY 1, 2 OR 3	REMARKS	
	3R	CRN	SW	INV	W	L	HW	SW	R	FL				
92+40			X										2	
88+80			X										2	
88+30		X	X		X		X		X				1	See Photo(s): 1, 2, 3
70+60			X										2	
70+35		X	X		X		X						1	
70+25			X		X		X						1	
69+70			X				X						2	
69+30			X				X						2	
69+00			X				X						2	
67+70			X				X						2	
55+35		X											1	See Photo(s): 4
53+10			X		X		X						1	

3R=3rd rail INV=invert area HW=Track hardware SW=Safety walk Area W=wire
R=rail CRN=Crown L=Lights FL=Fire line

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THINK SAFETY FIRST



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WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
L Line Tunnel Leaks Track 2 OB (6,100 Ft) - F03 L'Enfant Plaza to
L'Enfant Plaza Portal OB (3,800 Ft)



Photo 1

Active leak at CM# 88+30



Photo 2

Active leak at CM# 88+30

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
L Line Tunnel Leaks Track 2 OB (6,100 Ft) - F03 L'Enfant Plaza to
L'Enfant Plaza Portal OB (3,800 Ft)



Photo 3

Active leak at CM# 88+30



Photo 4

Active leak at CM# 55+35