



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	
12	

Agency / Organization

WMATA

Title

Tunnel Leak Inspection Report 2011,
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: Eric Krist*

Date Inspected: 3/25/2011

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 3R CRN SW INV				COMPONENTS AFFECTED						Location & DRAIN SIZE	CATEGORY 1, 2 OR 3	REMARKS
					W	L	HW	SW	R	FL			
92+40	X										2	cold jt.	
88+80	X										3	cold jt.	
88+30	X	X			X		X		X		1	Leaking on running rail (see attached file for e-mail sent 3-26-11) See Photo(s): 1, 2, 3, 4	
87+30	X										3		
77+25	X										3		
70+60	X						X				1	Tunnel changes from concrete to steel	
70+15	X						X				1		
70+10			X						X		1		
69+70			X						X		1		

3R=3rd rail
R=rail

INV=invert area
CRN=Crown

HW=Track hardware
L=Lights

SW=Safety walk Area
FL=Fire line

W=wire

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69+30			X		X			X			1	
67+70			X					X			1	
66+10			X								3	
52+90			X		X			X			1	

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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
L2 88+30



Photo 2
L2 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
L2 88+30



Photo 4
L2 88+30