



Inspection Form

Form WMSC-IR-1

Washington Metrorail Safety Commission

Agency/Department Information

Inspection Date	YYYY/MM/DD 2024/06/14	Report Number	20240614-WMSC-DLB-1
Rail Agency Name	Washington Metropolitan Area Transit Authority	Rail Agency Department	Name
Rail Agency Department	Rail Transportation	Contact Information	
Inspection Location	Shady Grove Rail Yard 15903 Somerville Drive Rockville MD 20855		

Inspection Summary

Inspection Activity #	1
Activity Code	OBS-RTRA-PI
Inspection Units	1
Inspection Subunits	0
Defects (Number)	5
Recommended Finding	Yes
Remedial Action Required¹	Yes
Recommended Reinspection	Yes

Activity Summaries

Inspection Activity #	1	Inspection Subject	Rail Yard Inspection for various topics				Activity Code	OBS-RTRA-PI			
Job Briefing Employee Name/Title	Assistant Superintendent Supervisor	Accompanied Inspector?	No		Out Brief Conducted	Yes	Time	08:15 AM	Outside Shift	Yes	
Related Reports	Related CAPS / Findings				WMSC-0221 TOC-COL-15-003-A						
Related Rules, SOPs, Standards, or Other	Ref		Rule or SOP			Standard		Other / Title		Checklist Reference	
						(MOR) Metrorail Operating Rulebook (MSRPH) Metrorail Safety Rules and Procedures Handbook		N/A.		Checklist Dulles, S&I, CTEM, Car Wash Facilities	
Inspection Location	Main Track	Yard	Station	OCC	RTA Facility	WMSC Office	Track Type	At-grade	Tunnel	Elevated	N/A
		X			X						
Line(s) & Track Number	Shady Grove Rail Yard 15903 Somerville Drive Rockville MD 20855				Chain Marker and/or Station(s)		From		To		
							N/A.		N/A.		
Vehicles	Head Car Number		Number of Cars		Equipment		N/A.				
	N/A.		N/A.								
Description	<p>Background: On Friday, June 14, 2024, the WMSC conducted an unannounced inspection of the A99 Shady Grove Rail Yard. The purpose of the inspection was to follow up on previous identified concerns that are associated with several closed corrective action plans (CAP). However, the concerns were still found to be issues during several recent inspections that included the D99 New Carrollton Rail Yard and C99 Alexandria rail yard. The following is a list of the applicable CAPs: - C-0212 involving the required use of the APX 8000 digital handheld radios only and no other type of digital radios. - C-0193 involving the use of current copies of the Metrorail Operating Rulebook (MOR) are available and in use by Metrorail Frontline personnel. Additionally, the inspection served to investigate reported concerns of a strong chemical odor that was coming from the car wash facility and permeating throughout the S&I shop. Also, it was reported that fluids were flooding into the basement of the S&I as trains passed through the car wash facility. Other immediate concerns are mentioned below: - Status of emergency call stations around the S&I shop. - Presence of an emergency call station by/in the wheel lathe area. - Protective chain barriers in place at the entry/exit to the wheel lathe area. - Condition of the lights in the blow pits. Other standard issues that are typically part of S&I, Car Track Equipment Maintenance (CTEM). Operations (OPS) and Car Wash Facilities were explored during the inspection. METHOD: The WMSC Inspectors used questioning of Metrorail Frontline Personnel, observations of maintenance procedures and general shop environment/surroundings to gather information during the inspection. The information was shared with Metrorail Management during the out-briefing so that mitigations could be implemented as soon as possible to address all identified issues/concerns.</p>						Number of Defects		5		
							Recommended Finding?		Yes		
							Remedial Action Required?		Yes		
							Recommended Reinspection?		Yes		
Remedial Action	Recommend Metrorail implement mitigations for the defects mentioned in this report.										



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Photos:

APX 8000 digital radio A99 Shady Grove Rail Yard Administrative office 061424 lp_2_rp_.jpeg



lp MOR rp Not Properly Updated A99 Shady Grove Rail Yard 061424 lp_1_rp_.jpg





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Deteriorating_surface_A99_Shady_Grove_Rail_Yard_061424_lp_1_rp_.jpg



Deteriorating_surface_A99_Shady_Grove_Rail_Yard_061424_lp_3_rp_.jpg





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Fire Extinguisher Out of Compliance A99 Shady Grove Rail Yard S and I Shop 061424 lp 1 rp .jpeg



Inside the car wash A99 Shady Grove Rail Yard 061424 lp 2 rp .jpeg





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Missing_Blue_Flag_Protection_Set_Up_TK_7_A99_Shady_Grove_Rail_Yard_061424_lp_1_rp_.jpeg



Outdated_MSRPH_2011_A99_Shady_Grove_Rail_Yard_061424_lp_1_rp_.jpeg





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Mitigated_open_access_hazard_to_wheel_lathe_area_A99_Shady_Grove_Rail_Yard_061424__lp_2_rp_.jpg



Open_access_hazard_to_wheel_lathe_area_A99_Shady_Grove_Rail_Yard_061424__lp_1_rp_.jpg





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Railing with proper mitigation along safety walks_A99 Shady Grove Rail Yard 061424__lp_1__rp_.jpeg



Railing with proper mitigation along safety walks_A99 Shady Grove Rail Yard 061424__lp_2__rp_.jpeg





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Storage in basement of S and I shop A99 Shady Grove Rail Yard 061424 lp 1 rp .jpg



Storage in basement of S and I shop A99 Shady Grove Rail Yard 061424 lp 2 rp .jpg





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Missing Blue Flag Protection Set Up TK 9 A99 Shady Grove Rail Yard 061424 lp 3 rp .jpg



¹ The rail transit agency must provide WMSC with the necessary evidence (e.g. maintenance work order system records, photos, documentation, records, data, or other evidence) to close out the Remedial Action. Closeout of Remedial Actions may also be subject to ongoing WMSC verification inspections to ensure corrections are sufficient and effective.

Inspector in Charge's Signature		Date 2024/06/14
Inspector in Charge's Name Darrell Braxton	Inspection Team Bruce Walker Manny Lopez Thomas Zurla	