



## Inspection Form

Form WMSC-IR-1

Washington Metrorail Safety Commission

**Agency/Department Information**

|                               |  |                               |                     |
|-------------------------------|--|-------------------------------|---------------------|
| <b>Inspection Date</b>        | YYYY/MM/DD<br>2024/06/05                       | <b>Report Number</b>          | 20240605-WMSC-DLB-2 |
| <b>Rail Agency Name</b>       | Washington Metropolitan Area Transit Authority | <b>Rail Agency Department</b> | Name                |
| <b>Rail Agency Department</b> | Rail Operations                                | <b>Contact Information</b>    |                     |
| <b>Inspection Location</b>    | New Carrollton Rail Yard                       |                               |                     |

**Inspection Summary**

|   |             |
|---|-------------|
| <b>Inspection Activity #</b>                | 1           |
| <b>Activity Code</b>                        | OBS-RTRA-PI |
| <b>Inspection Units</b>                     | 2           |
| <b>Inspection Subunits</b>                  | 0           |
| <b>Defects (Number)</b>                     | 3           |
| <b>Recommended Finding</b>                  | Yes         |
| <b>Remedial Action Required<sup>1</sup></b> | Yes         |
| <b>Recommended Reinspection</b>             | Yes         |

**Activity Summaries**

|   |   |                           |   |            |                                       |                    |                      |                 |                            |                 |                                  |  |     |  |
|---|---|---------------------------|---|------------|---------------------------------------|--------------------|----------------------|-----------------|----------------------------|-----------------|----------------------------------|--|-----|--|
| <b>Inspection Activity #</b>                    | 1   | <b>Inspection Subject</b> | Corrective Action Compliance Inspection |            |                                       |                    | <b>Activity Code</b> | OBS-RTRA-PI     |                            |                 |                                  |  |     |  |
| <b>Job Briefing Employee Name/Title</b>         | Supervisor - S&I Facility   |                           | <b>Accompanied Inspector?</b>           | No         | <b>Out Brief Conducted</b>            | Yes                | <b>Time</b>          | 08:15 AM        | <b>Outside Shift</b>       | Yes             |                                  |  |     |  |
| <b>Related Reports</b>                          | <b>Related CAPS / Findings</b>  |                           |   |            | TOC-OTR-15-006 TOC-COL-15-003-A       |                    |                      |                 |                            |                 |                                  |  |     |  |
| <b>Related Rules, SOPs, Standards, or Other</b> | <b>Ref</b>  |                           | <b>Rule or SOP</b>                      |            | <b>Standard</b>                       |                    | <b>Other / Title</b> |                 | <b>Checklist Reference</b> |                 |                                  |  |     |  |
|   | N/A.  |                           | N/A.                                    |            | N/A.                                  |                    | N/A.                 |                 | N/A.                       |                 |                                  |  |     |  |
| <b>Inspection Location</b>                      | <b>Main Track</b>   | <b>Yard</b>               | <b>Station</b>                          | <b>OCC</b> | <b>RTA Facility</b>                   | <b>WMSC Office</b> | <b>Track Type</b>    | <b>At-grade</b> | <b>Tunnel</b>              | <b>Elevated</b> | <b>N/A</b>                       |  |     |  |
|   |   | X                         | X                                       |            | X                                     |                    |                      |                 |                            |                 |                                  |  |     |  |
| <b>Line(s) &amp; Track Number</b>               | New Carrollton Rail Yard  |                           |   |            | <b>Chain Marker and/or Station(s)</b> |                    | <b>From</b>          |                 | <b>To</b>                  |                 |                                  |  |     |  |
|   |   |                           |   |            |                                       |                    | N/A.                 |                 | N/A.                       |                 |                                  |  |     |  |
| <b>Vehicles</b>                                 | <b>Head Car Number</b>  |                           | <b>Number of Cars</b>                   |            | <b>Equipment</b>                      |                    | N/A.                 |                 |                            |                 |                                  |  |     |  |
|   | N/A.  |                           | N/A.                                    |            |                                       |                    |                      |                 |                            |                 |                                  |  |     |  |
| <b>Description</b>                              | <p>BACKGROUND: WMSC Inspectors had conducted an inspection of the car wash facility that included visual and audible verification of its alarm warning system at the C99 Alexandria Rail Yard located in Virginia. The inspection took place on Friday May 31, 2024. The alarm system was found to be functioning as it was designed to. The specific historical context is provided via the quoted information from the corrective action TOC-OTR-15-006 the Metrorail was mandated to implement, as stated. "(WMATA must install a Train Movement Indication system in all car wash facilities). This corrective action was closed by the WMSC after Metrorail confirmed funding availability and provided the Task Order (FQ 17044-19-031) for the installation of the car wash warning systems at the (6) identified locations (West Falls Church, Alexandria, Greenbelt, Branch Ave New Carrollton, and Glenmont Yard Rail Facilities)." Additionally, during May 29, 2012, a Metrorail employee was struck and injured as the employee stepped into the pathway of a non-revenue train at Metrorail's Shady Grove Rail Yard. METHOD: The WMSC Inspectors used both visual observations and listened for the audible sound of the alarm system. Additionally, photos were taken to provide evidence of any anomalies. OBSERVATIONS/FINDINGS: The alarm to the car wash facility was not functioning properly as evident by the alarms audible and visual system arbitrarily entering an alarm status even though a rail vehicle was not in approach to the car wash facility or present inside of it. Secondly, the car wash facility had three open outside doors that were not secured. This situation presents an obvious safety hazard of personnel entering the car wash facility and being hit by a rail vehicle or contacting the energized third rail. CONCLUSION: The WMSC Inspectors briefed Metrorail's management explaining the hazard and expressed that mitigation is required. Metrorail advised the WMSC Inspectors that they would address the concern. It is recommended that future inspections continue at this and other similar location in the Metrorail system.</p> |                           |   |            |                                       |                    |                      |                 |                            |                 | <b>Number of Defects</b>         |  | 3   |  |
|   |   |                           |   |            |                                       |                    |                      |                 |                            |                 | <b>Recommended Finding?</b>      |  | Yes |  |
|   |   |                           |   |            |                                       |                    |                      |                 |                            |                 | <b>Remedial Action Required?</b> |  | Yes |  |
|   |   |                           |   |            |                                       |                    |                      |                 |                            |                 | <b>Recommended Reinspection?</b> |  | Yes |  |
| <b>Remedial Action</b>                          | Secure exterior side Carwash doors Verify functionality of the carwash warning system   |                           |   |            |                                       |                    |                      |                 |                            |                 |                                  |  |     |  |



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Photos:

Opened outer Door to Car Wash Facility New Carrollton Yard\_060524.jpg



Opened Inner Door to Car Wash Facility New Carrollton Yard\_060524.jpg





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Third\_opened\_Outer\_Door\_to\_Car\_Wash\_Facility\_New\_Carrollton\_Yard\_060524.jpg



<sup>1</sup> 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.

|  |  |                           |
|--|--|---------------------------|
| <b>Inspector in Charge's Signature</b>               |  | <b>Date</b><br>2024/06/05 |
| <b>Inspector in Charge's Name</b><br>Darrell Braxton | <b>Inspection Team</b><br>Bruce Walker |                           |