### Appendix F: Interpretation Guide

<table>
<thead>
<tr>
<th>Category</th>
<th>Evaluation Criteria Description</th>
<th>Scoring System*</th>
</tr>
</thead>
</table>
| Structure Condition            | A combined evaluation of multiple condition parameters (headwall, wingwall, overall structure, scour). | 1 = Multiple indicators of good condition  
5 = Multiple indicators of poor condition |
| Tidal Range Ratio              | US/DS comparison of difference between high water stain indicator and low tide water elevation. | 1= US/DS tidal range are similar  
5= US/DS tidal range are significantly different |
| Crossing Ratio                 | Comparison of structure opening width to channel width (US/DS).                                  | 1 = Crossing and channel have similar width  
5 = Channel width is significantly larger than structure width. |
| Erosion Classification         | Comparison of channel width to the width of scour pool (US/DS)                                  | 1 = No pooling/scour  
5 = Major pooling/scour |
| Tidal Restriction Overall      | Rolled-up score that averages Tidal Range Ratio, Crossing Ratio and Erosion Classification scores. | 1 = No Tidal Restriction  
5 = Significant Tidal Restriction |
| Tidal Aquatic Organism Passage| See Tidal Range Ratio above.                                                                     | See Tidal Range Ratio above          |
| Salt Marsh Migration Potential (Evaluation Unit) | An evaluation of the amount of acreage available for salt marsh migration within the wetland unit immediately US of a crossing. | 1 = Little or no migration potential  
5 = Ten or more acres of migration potential |
| Salt Marsh Migration Potential (Watershed) | An evaluation of the total amount of acreage available for migration of salt marsh within the total US watershed. | 1 = Little or no migration potential  
5 = Ten or more acres of migration potential |
| Vegetation Comparison          | US/DS comparison of vegetation community and presence of invasive species.                        | 1 = US/DS vegetation similar & no invasives  
5 = US/DS vegetation different & invasives present |
| Inundation Risk to Roadway     | Comparison of high water wrack and road surface elevation (US/DS)                                 | 1 = Roadway at low risk of inundation  
5 = Roadway at high risk of inundation |
| Inundation Risk to Structure   | Comparison of high water stain and culvert ceiling (US/DS)                                       | 1 = Structure is at lower risk of inundation  
5 = Structure is inundated on a regular basis. |
| Inundation Risk to Low-Lying Infrastructure** | Evaluates the risk of full tidal flow to nearby (non-transportation) development.                  | 1 = Five or more impacts  
5 = No Impacts |
| Overall Infrastructure         | Rolled-up score combining: Structure Condition and both Inundation Risk scores.                  | 1 = Good Condition, low Inundation Risk  
5 = Poor Condition, high Inundation Risk |
| Overall Ecological             | Rolled-up score combining: Tidal Restriction, Tidal Aquatic Organism Passage (TAOP), Salt Marsh Migration, and Vegetation. | 1 = No tidal restriction, low salt marsh migration potential, full TAOP, no change to vegetation  
5 = Severe tidal restriction, no TAOP, high salt marsh migration potential, change to vegetation. |
| Overall Combined               | Rolled-up score combining: Structure Condition, Tidal Restriction, Salt Marsh Migration, Vegetation, and Inundation Risk. | 1 = Good condition, limited tidal restriction, full TAOP, low salt marsh migration potential, no change to vegetation, low inundation risk.  
5 = Poor condition, severe tidal restriction, No TAOP, high salt marsh migration potential, change to vegetation, high inundation risk. |

US: Upstream, DS: Downstream  

* Scoring system ranges from 1 to 5, where 1 = lowest replacement priority and 5 = highest replacement priority  

**Inundation Risk to Low Lying Infrastructure Evaluation scores range from 1 to 5, where 1 = high risk and 5 = low risk.