

**V.C. Wetland or Peat Corrections Checklist**

C-R-S:	PID:	Reviewer:	Date:
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If you do not have a wetland or peat correction on the project, you do not have to fill out this checklist.

<b>Investigation</b>					
Y	N	X	1	Has a site specific geotechnical investigation been performed to investigate the wetland/peat location?	
Y	N	X	2	Has the lateral and vertical extent of the peat or organic layers been established through a detailed boring program?	
Y	N	X	3	Have the physical characteristics of the peat (type, unit weight, strength, compressibility, moisture content, etc.) been determined through field or laboratory testing?	
Y	N	X	4	Has a groundwater monitoring program been performed to identify the phreatic surface throughout the wetland/peat area?	
<b>Analysis</b> (Reference is made to the Embankments Checklist)					
Y	N	X	5	Has the consolidation (settlement) been determined for embankments or structures constructed over the wetland/peat?	
Y	N	X	6	Has the effect of the long term consolidation (e.g., secondary settlement) of peat on embankment construction and structures been evaluated?	
Y	N	X	7	Has the stability been evaluated for embankments and structures constructed over wetland/peat?	
Y	N	X	8	As a means to avoid or limit the impact of the wetlands/peat, has a change in alignment or profile been evaluated?	
Y	N	X	9	If water (static or flowing) significantly influences the constructability at the wetland/peat location, has the source of water been identified?	

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<b>Design</b>	
Y N X 10	<p>Has a correction method for embankment construction over the wetland/peat been determined?</p> <p>a If yes, check the methods evaluated and circle the chosen correction method(s):</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> reduce grade/change alignment</li> <li><input type="checkbox"/> flatten slopes/counterberm</li> <li><input type="checkbox"/> removal of weak soils</li> <li><input type="checkbox"/> lightweight embankment</li> <li><input type="checkbox"/> drainage blanket and wickdrains</li> <li><input type="checkbox"/> stage construction</li> <li><input type="checkbox"/> controlled rate of fill placement</li> <li><input type="checkbox"/> reinforced soil slopes</li> <li><input type="checkbox"/> install surface/subsurface drainage system</li> <li><input type="checkbox"/> other                      List other items:</li> </ul>
Y N X 11	<p>Has an assessment of groundwater impacts been conducted on the preferred correction method?</p>
Y N X 12	<p>Has a cost comparison been performed to evaluate the recommended correction method compared to others?</p>
<b>Plans and Contract Documents</b>	
Y N X 13	<p>Have all necessary notes, specifications, and plan details been developed?</p>
Y N X 14	<p>Has the vertical and lateral extent of defined wetland/peat conditions been included on the Cross Sections and Plan and Profile sheets?</p>
Y N X 15	<p>Has the information obtained from the investigation and analysis been incorporated into the project design?</p>
Y N X 16	<p>Have the need, location, plan notes, and reading schedule of instrumentation been determined?</p>
Y N X 17	<p>Have the effects of the wetland/peat correction on the construction schedule and maintenance of traffic been accounted for in the plans?</p>

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Y N X 18 Have the effects of the proposed correction on any structures (e.g., bridges, buildings, culverts, utilities) been evaluated and solutions to any issues incorporated into final design?	
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