



# BMP Inspection Job Aid

## Biodegradable Erosion Control Log

This job aid is a tool to assist with the completion of Form 2118. All required corrective actions, comments, or discussions must be documented on the Form 2118.

<b>INSTALLATION</b>		Y, N, N/A
1.	Are the biodegradable control logs (ECL) installed in accordance with the Stormwater Discharge Map or SWP3 layout sheets?	
2.	Were the control logs installed prior to construction/land disturbing activities?	
3.	Have the control logs been filled with sufficient filter material to achieve the minimum compacted diameter specified in the plans without excessive deformation?	
4.	Is the core material biodegradable/recyclable and in accordance with Item 506, Section 2.10.1 Core Material?	
5.	Is the containment mesh 100% biodegradable, photodegradable, or recyclable and in accordance with Item 506, Section 2.10.2 Containment Mesh?	
6.	Are stakes 2"x2" wood or #3 rebar, 2'-4' long, embedded such that 2" protrudes above log?	
7.	Are stakes installed on downhill side of control log as indicated by the Erosion Control Sheets?	
8.	Are compost cradles installed under control log dams and control logs at the back of curbs and edge of right of ways?	
9.	Are control logs on slope installed at least 5' above toe of slope and 6' below toe of slope?	
10.	Are the joints of the control logs on slope staggered at least 5' to 10'? Are the control logs spaced according to the Erosion Control Log Spacing Table?	
11.	Are the control logs on slope anchored in a trench sized using the Trench Depth Table?	
12.	Are the sandbags used as anchors placed on top of control log and sized to hold control logs in place?	
13.	Are drainage inlets surrounded by the control logs? Are they impeding traffic?	
<b>INSPECTION</b>		Y, N, N/A
1.	Are the BMPs functioning properly (e.g., no flow under logs, sediment buildup, etc.)?	
2.	Are the control logs still secured by stakes, rebar, or other anchorage?	
3.	Has there been any displacement of control logs?	
4.	Are additional upstream stakes or rebar needed to prevent erosion control log from folding in on itself?	
5.	Do control logs at curb inlets impede traffic or flood the roadway?	
6.	Were any concerns identified with the biodegradable erosion control logs?	
8.	Were maintenance requirements recommended to the contractor?	
<b>MAINTENANCE</b>		Y, N, N/A
1.	Are control logs in good condition without any visible damage?	
2.	Are associated BMPs functioning properly?	
3.	Has sediment in the control log accumulated to a depth of ½ the diameter? If so, clean.	
4.	Is the sediment being removed during maintenance and being properly disposed of or managed?	
5.	Did the contractor address all recommended maintenance needs?	
6.	Were any additional BMPs recommended to the Contractor?	
Comments/Notes:		
Reference	<a href="#">TXDOT Temporary Erosion, Sediment and Water Pollution Control Measures: Erosion Control Log detail sheet: EC (9) – 16</a> <a href="#">TXDOT Temporary Erosion, Sedimentation, and Environmental Controls: Item 506 (Sections 2.10 &amp; 4.4.9)</a>	