



BMP Inspection Checklist Job Aid

Floating Turbidity Barrier (FTB)

This job aid is a tool to assist with the completion of Form 2118. All follow-up actions, comments, or discussion must be included on the associated Form 2118.

INSTALLATION		Y, N, N/A
1.	Are the FTBs 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.	Does the top section of the FTB consist of 18-22 oz. PVC coated nylon fabric?	
4.	Is the top section of the FTB painted in a bright orange or yellow to increase visibility?	
5.	Do the FTB specifications consist of a geo-synthetic having a filtration Apparent Opening Size (AOS) of 0.220 mm maximum for non-woven geotextiles, and AOS of 0.425 mm maximum for woven textiles, when tested in accordance with ASTM D 4751-99a?	
6.	Is the opening of the FTB made of a non-woven material that cannot be enlarged under pressure or by being snagged?	
7.	Do the FTB specifications include a minimum grab strength of 300 psi when tested in accordance with ASTM D 4632-91?	
8.	Does the FTB floatation material have a minimum of 6 inches of freeboard?	
9.	Do the load lines consist of a minimum of 5/16-inch vinyl coated galvanized aircraft cable with 9800 lb. breaking strength?	
10.	Do the mooring/adjustment lines consist of ½ in. nylon rope?	
11.	Does the ballast consist at a minimum of 5/16 in. galvanized steel chain?	
12.	Are all buoys securely attached?	
13.	Are lighted buoys installed at 100-foot increments along the centerline of the FTB?	
14.	If there is traffic on the water body (i.e., canoes) and the FTB impedes the traffic, are there signs indicating where to exit the water to portage beyond the FTB?	
INSPECTION		Y, N, N/A
1.	Is the FTB functioning properly (e.g., removing sediment from water, sediment buildup, etc.)?	
2.	Is the FTB still secured by lines or other anchors?	
3.	Has there been any displacement of FTB, such as by wind or wave action?	
4.	Are panel section connections secure?	
5.	Are all floats intact?	
6.	Is the filter material clogged with sediment or other debris?	
7.	Is an abnormal amount of sediment built up along the FTB?	
8.	Were any additional concerns identified with the FTB?	
9.	Were maintenance requirements recommended to the contractor?	
10.	Were any additional concerns identified with the FTB?	
MAINTENANCE		Y, N, N/A
1.	Is the FTB in good condition without any visible damage?	
2.	Are associated BMPs functioning properly?	
3.	Are more BMPs needed to prevent sediment deposition?	
4.	Has the FTB been damaged by a large storm event?	
5.	Is the sediment being removed during maintenance being properly disposed of or managed?	
6.	Were all clogs within the FTB addressed, if any?	
7.	Did the contractor address all recommended maintenance needs?	
8.	Were any additional BMPs recommended to the Contractor?	
Comments/Notes:		
References: TXDOT Special Specification 5048 Floating Turbidity Barrier		