



**Targeted Constituents**

● Significant Benefit      ◐ Partial Benefit      ○ Low or Unknown Benefit

● Sediment	○ Heavy Metals	○ Floatable Materials	○ Oxygen Demanding Substances
○ Nutrients	○ Toxic Materials	○ Oil & Grease	◐ Bacteria & Viruses
			◐ Construction Wastes

**Description**

Statewide BMPs are available in the Tennessee Erosion and Sediment Control Handbook (reference 196). This reference is available from the Tennessee Department of Environment and Conservation (TDEC) at the following website:

[http://www.state.tn.us/environment/wpc/sed\\_ero\\_controlhandbook/index.html](http://www.state.tn.us/environment/wpc/sed_ero_controlhandbook/index.html)

There are three basic categories for the statewide erosion control BMPs: Vegetative Practices, Structural Practices, and Stream Alteration Practices.

**Approach**

There are many differences between the TDEC statewide BMPs and the various details in the Knoxville BMP Manual. In most cases, the differences are relatively minor. Use the more stringent standard whenever possible to ensure adequate erosion and sediment control. In cases where dimensions or methods conflict, use the Knoxville BMP Manual.

TDEC BMPs may not be altered or modified without the express consent of the TDEC organization. A portion of the TDEC BMP may be redrawn, as long as the resulting detail is not then labeled as being a standard TDEC BMP.

Verify that the TDEC BMP is appropriate for the situation. Verify that the dimensions and slopes allow for proper installation of erosion control measures. Erosion control measures must be regularly inspected and maintained in the field. Consult the Knoxville BMP Manual for additional information and to compare dimensions.

**List of BMPs**

The following tables contain the TDEC BMPs as organized in the Tennessee Erosion and Sediment Control Handbook (reference 196). For each BMP, the most similar BMP is also listed from the Knoxville BMP Manual.

<u>TDEC Code</u>	<u># Pages</u>	<u>Vegetative Practices (7 BMPs)</u>	<u>Most Similar Knoxville BMP</u>
BF	3	Buffer Zone	-----
MU	2	Disturbed Area Stabilization With Mulch	ES-07
PS	6	Disturbed Area Stabilization With Permanent Vegetation	ES-10
SO	4	Disturbed Area Stabilization With Sod	ES-09
TS	2	Disturbed Area Stabilization With Temporary Vegetation	ES-08
MA	6	Erosion Control Blanket/Matting	ES-11
PAM	2	Polyacrylamide	-----

<u>TDEC Code</u>	<u># Pages</u>	<u>Structural Practices (17 BMPs)</u>	<u>Most Similar Knoxville BMP</u>
CD	3	Check Dam	ES-13
CE	4	Construction Exit	ES-01
CRS	3	Construction Road Stabilization	ES-03
DW	5	Dewatering Structure	AM-12
DI	4	Diversion	ES-21
FR	3	Filter Ring	-----
GA	3	Gabion	ES-28
GE	2	Geotextile	ES-12
GT	5	Gradient Treatment	ES-04
RR	9	Riprap	ES-23
SB	24	Sediment Basin	ES-19
ST	5	Sediment Trap	ES-18
SF	8	Silt Fence	ES-14
SD	3	Slope Drain	ES-21
IP	8	Storm Drain Inlet Protection	ES-24
OP	6	Storm Drain Outlet Protection	ES-25
SR	2	Surface Roughening	ES-05

<u>TDEC Code</u>	<u># Pages</u>	<u>Stream Alteration Practices (3 BMPs)</u>	<u>Most Similar Knoxville BMP</u>
SDC	4	Stream Diversion Channel	-----
TSC	5	Temporary Stream Crossing	ES-03
SBS	3	Bioengineered Stream Bank Stabilization	ES-20

In addition to the BMPs, the Tennessee Erosion and Sediment Control Handbook has appendices to provide guidance for state requirements on construction permits. The handbook can be obtained free from the TDEC website, or purchased for a reasonable fee at the local TDEC office at 2700 Middlebrook Pike.

- Appendix A -- Construction General Permit (CGP)
- Appendix B -- Example Storm Water Pollution Prevention Plan (SWPPP)
- Appendix C -- Aquatic Resource Alteration Permit (ARAP)
- Appendix D -- Additional Resources and References

Beginning in March 2003, the statewide NPDES program will require TDEC permits for all construction with disturbed areas greater than one acre.

**References**      **196, TDEC website**      (see BMP Manual Chapter 10 for list)