

Document last modified October 26, 2015							
Proposed ESPC BMPs after 2012							
Product/Procedure	Meet Minimum Standards?		Reasons	ABACT?		Date	Example Method/Technology*
	Yes	No		HQ	EV		
Use of Wood Chips in Compost Socks	X		tests show effective in sediment removal, wood chip berms ABACT for HQ watersheds	Yes	No	04/01/12	
Belted Strand Retention Fabric Fence in lieu of Standard Silt Fence	X		In field use, it appears to be as effective as standard silt fence	No	No	04/01/12	Belted Silt Fence
Stacking Compost Socks to equal larger diameter Compost Socks	X		Stacking of socks has already been approved when used in compost sock traps.	Yes	Yes	04/01/12	
Foam Trench Breakers	X		This BMP has already approved by FERC, and was successfully demonstrated in a field test.	N/A	N/A	10/01/11	
Street sweeping with a Vacuum Sweeper, Manual Cleaning, Rolling of dirt/gravel roads as substitute for Wash Racks in Special Protection Watersheds	X		Topography can make wash racks unfeasible in some locations. Vacuum sweepers can remove accumulated sediment from streets before it is washed into surface waters. Large lumps can be removed by hand. Rolling of dirt roads can stabilize areas affected by tracked mud. Requires continual maintenance.	Yes	Yes	08/01/12	
Use of Forebays & Silt Curtains (aka Turbidity Curtains) in lieu of Required Surface Area for Sediment Basins	X		Already approved for traps. Fulfills the purpose for increased surface area, i.e. making sediment basin more efficient, reduces thermal pollution.	Yes	Yes	08/01/12	
Compost Sock Diversions	X		Approved conditional upon infill material being modified to reduce permeability and promote vegetative growth.	NA	NA	12/12/12	

Solid panels for use as sediment barrier/diversion		X	Not permeable enough to let runoff through in sufficient quantities to prevent overtopping, Not totally impermeable to prevent uncontrolled runoff	NA	NA	10/01/11	Mudstop
HDPE composite mat for wetland crossings	X		Tests show product to be safe, non-toxic, and stable. Product is easily transported, stored, and installed; and it is reusable.	N/A	N/A	09/13/13	
Products and Technologies Proposed for Use as E&S BMPs Since the Manual was Published in March 2012							
Product/Procedure	Meet		Reasons	ABACT?		Date	Example Method/Technology*
	Yes	No		HQ	EV		
Staked Compost sock ring surrounding pumped water filter bag.	X		Compost sock ring will increase efficiency of sediment removal of the pumped water filter bag while providing additional water quality benefits.	Yes	Yes	10/10/13	
Filter inserts for Cross Culverts	X		For use as a backup BMP in culverts or other pipes when used according to manufacturer's recommendations. A recommended maximum tributary drainage area = 1 acre. Filter insert should be used in conjunction with other sediment control/removal BMPs, not as the sole BMP for a disturbed area. Filter inserts should only be used where sufficient area exists to allow for ponding of water above the pipe. Filter inserts alone are not ABACT, but can be used to raise another non-ABACT BMP (e.g. silt fence) to ABACT for HQ.	No	No	11/12/12	Sedjacket

Curled Wood Sediment Logs	X		They were already approved for use in other watersheds. The evidence supports their use as ABACT for HQ. Sediment removal potential is high compared to other similar BMPs. Since the water quality benefits derived from compost socks is not provided, ABACT designation is not extended to EV watersheds.	Yes	No	12/18/12	Curlex Logs
Inverted Discharge Rate Skimmer	X		For use as a dewatering skimmer in sediment basins and traps where peak flows must be delayed to avoid flooding downstream.	Yes	Yes	01/30/13	Reverse Q Skimmer
Compost Sock Diversions in lieu of Waterbars on surface waterline ROWs for Oil & Gas drilling	X		Usually no earthmoving during installation of surface waterlines, so no material from which to construct waterbars. Clearing/grubbing in wooded areas means protective cover removed from soils, so BMP needed to direct runoff off ROW	No	No	02/13/13	
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Portable Sediment Tank w/Inclined planes for sediment removal	X		Tests have show this to be more effective than a sediment filter bag along with the capabilities to remove oils from the flow.	Yes	Yes	06/14/14	Starr WTS2000
Soft Trench Plugs	X		Used to convey runoff past open trenches during pipe installation on pipelines and utility lines.	No	No	07/28/14	
Sump & Compost Filter Sock at Waterbar Outlet on Utility Lines	X		Used to filter runoff from ROW before being discharged.	Yes	Yes	8/27/2014	
Float Skimmer Attached to Ridged Pipe	X		Information submitted shows device effectively regulated discharge from	Yes	Yes	9/2/2014	Marlee Float Skimmer
<p>*The Department evaluates alternative technologies and applications of accepted technologies to determine comparability to accepted technologies and applications of technologies as include in the Erosion and Sediment Pollution Control Manual (Document 363-2134-008, March 2012). Mention of a product on this list is for example purposes only and is not an endorsement of any particular technology, application of technology, or product.</p>							

