

SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs)

Practice	Description
Level Fields	Systematic maintenance program to level fields which promotes uniform drainage thus, in part reducing erosion
Use of Cover Crops	Systematic program of utilizing full field aquatic or cover plants or fallow flooding
Use of Vegetation to Stabilize Field and Lateral Ditch & Main Canal Banks	Plant vegetation or maintain existing vegetation in a minimum 2 foot wide strip along ditch and canal banks to trap sediments
Ditch Bank Berms	Place dug rock along top of ditch bank and cover with organic soil and promote vegetative cover
Grassed Field Ditch Connections to Laterals (or polymer treated)	Use turf grass as a soil stabilizer at the point of field ditch connections to lateral canals
Pipe in All Field Ditch Connections to Laterals	Use pipe to connect field ditches to laterals canals to reduce erosion at intersection
Sediment Sump in All Field Ditches	Create and maintain sump to trap sediment at field ditch connections to lateral canals
Culvert Located above All Ditch Bottoms	Place and maintain culverts above bottom of field ditches at connection to lateral canals
Slow Field Ditch Drainage Near Discharge Pumps	Place and maintain culverts with risers & boards on laterals and/or field ditch connections near farm discharge pumps
Slow Velocity in Main Canal Near Discharge Pumps	Slow Velocity such as constructing and maintaining sediment trap by placing rock barrier or widened section in canal near farm discharge pumps
Sediment Sump in Main Canal Near Discharge Pumps	Construct and maintain sediment sump in canal bottom near farm discharge pumps to trap bottom sediments. (This is not the same as the area dug out for setting the pump)
Systematic Strong Canal Cleaning Program	Clean all canals and farm ditches regularly through a systematic management plan to remove sediments thus preventing off-site discharge
Other Proposed Sediment Control BMP	Proposed by permittee and accepted by SFWMD