APPENDIX B

EROSION PREVENTION AND SEDIMENT CONTROL

BMP SELECTION FLOWCHART
Erosion Protection and Sediment Control BMP Selection Process

**Step #1**
Select Control Problem

**Step #2**
Choose Protection Strategy

**Step #3**
Longevity

**Step #4**
Select Specific Control Measure

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Sediment Control
Protect off-site areas

- Trap Sediment
  - Temporary
  - Permanent
  - Sediment Basin
  - Sediment Trap
  - Check Dam
  - Rock Sediment Dike
  - Rock
  - Manufactured
  - Sediment Tubes
- Filter Sediment
  - Temporary
  - Silt Fence
  - Reinforced Silt Fence
  - Storm Drain Inlet Protection
  - Filter Fabric/Sediment Tube
  - Hardware Fab./Stone
  - Block and Gravel
  - Rigid Inlet Protection
  - Surface Course
  - Inlet tubes
- Keep Sediment Off Roads
  - Temporary
  - Stabilized Construction Entrance

Runoff Flow Control
Managing storm water runoff

- Manage Ground Water
  - Temporary
  - Permanent
  - Subsurface Drains
  - Construction De-watering
- Manage Overland Flow
  - Temporary
  - Permanent
  - Drainage Swales
  - Level Spreader
  - Diversion Ditches/Dikes
  - Pipe Slope Drains
  - Temporary Stream Crossings
  - Straw
  - Hydro-Mulching
  - Wood Chips
  - Composting

Erosion Prevention
Control on-site soil-water interactions

- Protect Ground Surface
  - Temporary
  - Permanent
  - Dust Control
  - Mulching
  - Bonded Fiber Matrix (BFM)
  - Flexible Growth Media/Matrix (FGM)
  - Erosion Control Blankets (ECBs)
  - Turf Reinforcement Mat (TRMs)
  - Outlet Protection

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