

O&M SCHEMATIC














PASSIVE TREATMENT SYSTEM FOX RUN RESTORATION AREA - PHASE II

for
STREAM RESTORATION INCORPORATED
Jackson & Lake Townships, Mercer County, Pennsylvania
Scale: 1" = 40' June 2008

BioMost, Inc., Mining and Reclamation Services
Mars, PA

871AB/o&m schematic

LEGEND

-  WATER SURFACE ELEVATION
-  FOX RUN
-  TOP BERM/STREAMBANK
-  PTS COMPONENT
-  AEROBIC WETLAND
-  RIP-RAP (R4)
-  TRANSMISSION LINE & POLE
-  FENCE (APPROXIMATE LOCATION)
-  18" SOLID PIPE
-  12" PERFORATED PIPE
-  8" PERFORATED PIPE
-  PTS WETLAND BOTTOM
-  WATER SAMPLING POINT

ACCESS ROAD
(APPX. 600 FT TO PARKER
ROAD T-613)

APPROXIMATE LOCATION
BENCH MARK - 1338.6'
(PIN IN BEECH TREE)

LOCATED UPSTREAM ~130'

RIPARIAN
RESTORATION
AREA

SETTLING POND
5,000 SF

AEROBIC WETLAND
17,000 SF

RIPARIAN
RESTORATION
AREA

0 20 40

North

871 DN LOCATED DOWNSTREAM
~300'

87-6 LOCATED DOWNSTREAM
~1/4 MILE

FOX RUN

Notes:

As-built information from 09/26/08 field inspection by BioMost, Inc. and Mercer County Conservation District using post-processed sub-meter GPS unit and laser level as well as design information and is a reasonable representation of actual field conditions.

Passive treatment system built on property of Richard & Barbara Kish. All pipe is SDR35 PVC.

Stream location from aerial photography taken for the PAMAP program (Spring 2006) and sub-meter GPS unit

Settling pond and wetland areas shown measured at top of water. Total wetland area "foot print" ~3/4 Acre.