

Notes:

Base map compiled from topographic mapping generated in conjunction with PA Turnpike Commission Findlay Connector Project (Undated).

Abandoned Mine Drainage Discharges Located by GPS/Field Observation by BioMost, Inc.

Approximate property line locations and owner information compiled from available Allegheny County records reviewed between March 2003 and April 2003 and do not represent a property survey.

Based on GIS mapping provided by the Montour Run Watershed Association as prepared by KCI Technologies, Inc. for the River Conservation and Land Use Plan (April 1999), there are no unstable soils in the project area. Areas of steep slopes are represented by the contours as shown.

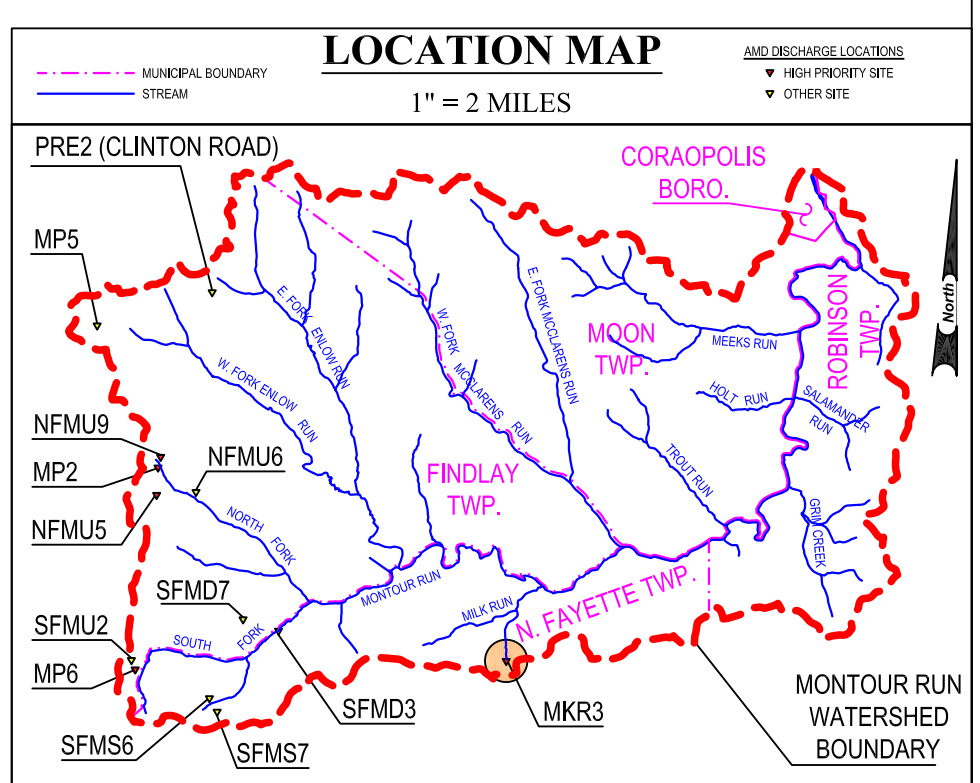
The passive treatment system components as shown are conceptual only. The actual size and configuration is subject to change based on further site investigation/project development, field conditions and/or other factors.

Underground and overhead utilities to be located prior to final design.

- MKR3** ABANDONED MINE DRAINAGE DISCHARGE LOCATION
- PASSIVE TREATMENT COMPONENT NUMBER (KEYED TO TABLE)
- PROPERTY LINE (APPROXIMATE LOCATION)
- EXISTING ROAD
- PROPOSED PASSIVE TREATMENT SYSTEM COMPONENT
- PASSIVE TREATMENT SYSTEM GENERALIZED FLOW PATH
- EXISTING STRUCTURE
- CONTOUR LINE - INDEX
- CONTOUR LINE - INTERMEDIATE
- STREAM

PASSIVE TREATMENT SYSTEM COMPONENT TABLE

COMPONENT #	DESCRIPTION
1	3,700 CY FOREBAY
2	3,000 T HYBRID FLOW POND
3	4,000 CY SETTLING/FLUSH POND/WETLAND
4	3,000 T HYBRID FLOW POND/WETLAND
5	4,000 CY SETTLING/FLUSH POND



**MONTOUR RUN WATERSHED ASSOCIATION
ABANDONED MINE DRAINAGE CLEANUP PLAN**

MONTOUR RUN WATERSHED
MILK RUN SUBWATERSHED
ALLEGHENY COUNTY, PENNSYLVANIA

**CONCEPTUAL SITE PLAN
MKR3 DISCHARGE**

Scale: 1" = 100' September 2003

BioMost, Inc., Cranberry Township, Pennsylvania
Mining and Reclamation Services

REPRESENTATIVE DISCHARGE CHARACTERISTICS

DISCHARGE	Flow (gpm)		pH (s.u.)		Alkalinity (mg/l)		Acidity (mg/l)		Iron (mg/l)		Manganese (mg/l)		Aluminum (mg/l)	
	avg.	max.	avg.	min.	avg.	min.	avg.	max.	avg.	max.	avg.	max.	avg.	max.
MKR3	117	300	3.4	3.0	0	0	140	184	1	2	1	2	14	24

