

Notes:
 Base map compiled from topographic mapping generated in conjunction with PA Turnpike Commission Findlay Connector Project (Undated). Abandoned Mine Drainage Discharge 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.

REPRESENTATIVE DISCHARGE CHARACTERISTICS

| DISCHARGE | Flow (gpm) | | pH (p.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 |

MKR3 ABANDONED MINE DRAINAGE DISCHARGE LOCATION

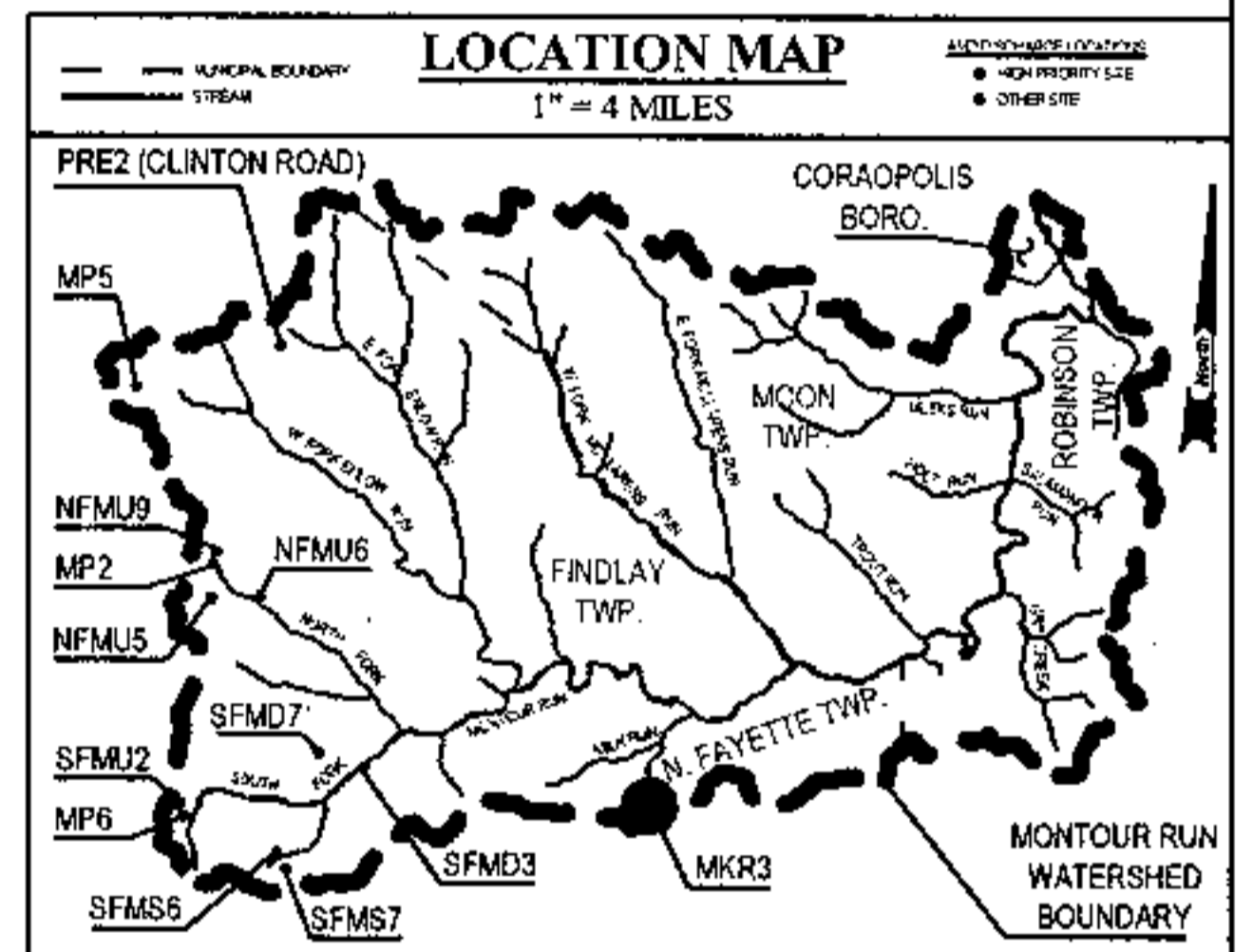
PASSIVE TREATMENT COMPONENT NUMBER

--- PROPERTY LINE (APPROXIMATE LOCATION)
 ——— EXISTING ROAD

→ 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 AUTO-FLUSHING VERTICAL FLOW POND |
| 3 | 4,000 CY SETTLING/FLUSH POND/WETLAND |
| 4 | 3,000 T AUTO-FLUSHING VERTICAL FLOW POND |
| 5 | 4,000 CY SETTLING/FLUSH POND |



**MONTOUR RUN WATERSHED ASSOCIATION
 ABANDONED MINE DRAINAGE CLEANUP PLAN**
 MONTOUR RUN WATERSHED
 MLK RUN SUBWATERSHED
 ALLEGHENY COUNTY, PENNSYLVANIA
CONCEPTUAL SITE PLAN
Milk Run AMD Treatment System
MKR3 DISCHARGE

Scale: 1" = 200' September 2003

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

rev 05/15-component shape
 rev 07/09-scale/paper_size/pls/prop owner

100-200-1-1000