

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.
MP6	31	78	5.5	4.8	55	13	35	158	16	42	8	10	2	10
SFMU2	31	55	6.7	6.4	76	48	3	19	16	30	8	9	0	0

Notes:

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

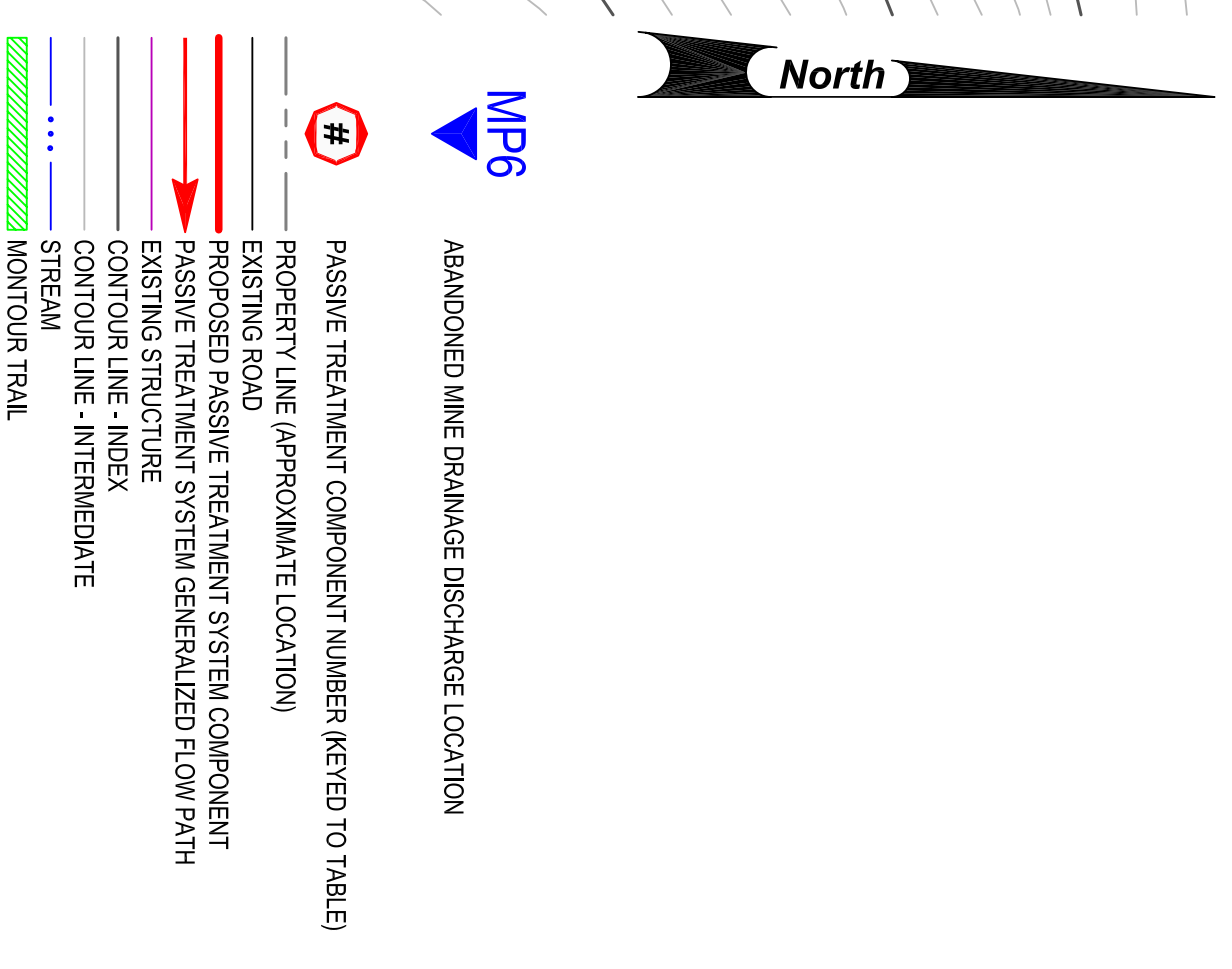
Abandoned Mine Drainage Discharges Located by GPS/Field Observation by Biomost, Inc.

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. As an option, treated effluent from the SFMU2 system may be directed into the MP6 system to aid in treatment.

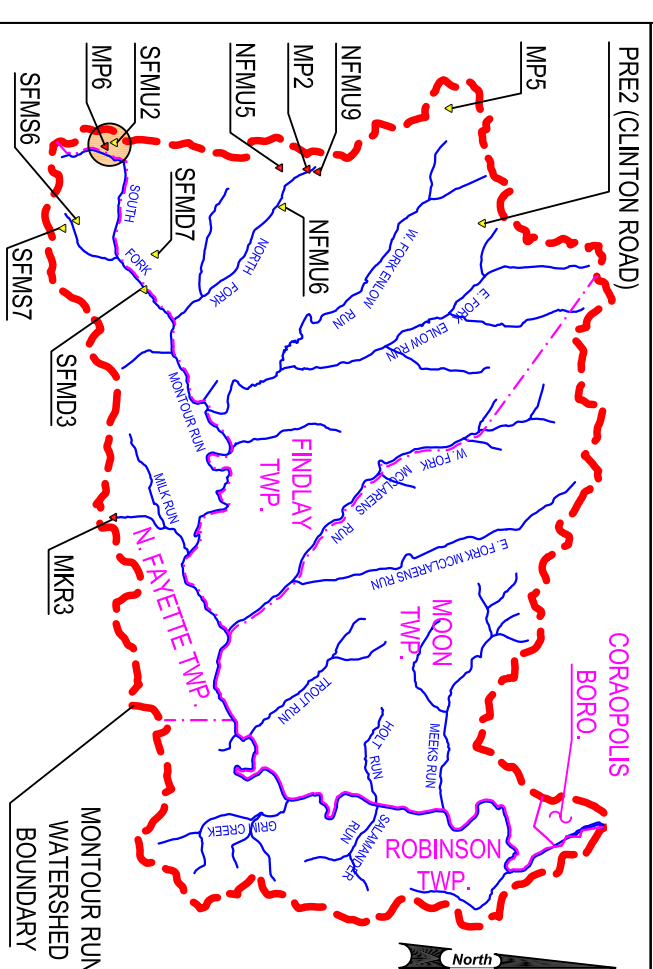
Underground and overhead utilities to be located prior to final design.



PASSIVE TREATMENT SYSTEM COMPONENT TABLE

COMPONENT #	DESCRIPTION (DISCHARGE TREATED)
A1	1/2 ACRE WETLAND (MP6)
B1	2,000 SF FOREBAY (SFMU2 (PRE1))
B2	10,000 SF SETTLING POND (SFMU2 (PRE1))
B3	11,000 SF WETLAND (SFMU2 (PRE1))
B4	10,000 SF POLISHING POND (SFMU2 (PRE1))
B5	BIOSWALE/FLOW CONTROL CHANNEL (SFMU2 (PRE1))

LOCATION MAP



MONTOUR RUN WATERSHED ASSOCIATION
ABANDONED MINE DRAINAGE CLEANUP PLAN
MONTOUR RUN WATERSHED SOUTH FORK MONTOUR RUN SUBWATERSHED ALLEGHENY COUNTY, PENNSYLVANIA
CONCEPTUAL SITE PLAN
MP6 & SFMU2 (PRE1) DISCHARGES

Scale: 1" = 100'
 September 2003

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