

WEST FORK ENLOW RUN SUBWATERSHED
 MONTOUR RUN WATERSHED
 FINDLAY TOWNSHIP, ALLEGHENY COUNTY, PA
 Scale: As Shown June 2010
BioMost, Inc., Mining and Reclamation Services
 Mars, Pennsylvania www.biomost.com

——— CONTOUR (INDEX)
 ——— CONTOUR (INTERMEDIATE)
 - - - - - STREAM
 ——— ROAD (PAVED)
 ——— STRUCTURE (SHADED IF DWELLING)
 - - - - - PROPERTY LINE (APPRX.)

6" SCH40 PVC CLEAN OUT (CO #)
 TEMP. CONSTRUCTION BENCH MARK
 UNDERGROUND GAS LINE
 UNDERGROUND UTILITY LINES (ELEC/CABLE/TELE)

UNDERGROUND WATER LINE (FTMA)
 UNDERGROUND SEWER LINE (FTMA)
 PERMANENT SAFETY FENCE
 8" SDR35 PVC PIPE
 6" SCH40 PVC PIPE
 PASSIVE TREATMENT SYSTEM COMPONENT
 SURFACE WATER (POND EDGE)

MP5
 SAMPLING POINT LOCATIONS

TREATMENT WETLAND AREA

 LIMESTONE TREATMENT MEDIUM
 (~90% CaCO3)

**FOR BETTER QUALITY IMAGE
SEE: AS-BUILT SCHEMATIC**

AUTO FLUSHING VERTICAL FLOW POND (AFVFP)

SETTLING POND/WETLAND (SPWL)

OUTFALL CHANNEL

Labels and elevations include:

- APPX. 8" WATER LINE (APPX. ELEV. 1160.8) (FIND/LAY TWP MUNC., AUTH.)
- APPX. 4" STEEL GAS LINE (COMMON PEOPLE'S) (APPX. ELEV. 1168.3)
- 1168.7
- 12" STEEL CASING
- ALL CONVEYANCE PIPE AND CLEANOUTS 6" SCH40 PVC
- 1163.7
- UNNAMED TRIBUTARY TO WEST FORK OF ENLOW RUN
- 1161.5
- 1158.3
- 1158.1
- 16" WATER LINE (APPX. LOCATION) (FIND/LAY TWP MUNC., AUTH.)
- APPX. PLAS. GAS LINE (FIND/LAY TWP.)
- 1158.1
- 1157.5
- 1158.1
- INLET MANIFOLD (10'-LONG 6" SCH 40 PERF. PVC PIPE) BEDDED IN R-5 RBPAP
- ALL 8" PVC PERF. INLET PIPES INVERT ELEV. 1155.3
- 1" PVC BALL VALVES (TRIGGER MECHANISM ACTUATORS: OPEN - TRIGGER MECH. ON, CLOSED - TRIGGER MECH. OFF)
- FLUID DYNAMIC SIPHONS MODEL 648 AUTOMATIC DOSING SIPHON WITH 6481634 TRIGGER MECHANISM
- APPX. FIBER OPTIC CABLE
- 1163.4 CO #5
- 1165.9 CO #4
- 1160.8 CO #3
- 1161.4 CO #7
- 1160.3 CO #6
- AASHTO #57 AROUND SIPHON VAULT
- TOP VAULT (V MARK-TOP MANHOLE RING) ELEV. 1161.52
- TOP INSIDE RING ELEV. 1161.43
- ROPE
- 8" SCH40 PVC OUTLET INVERT ELEV. 1154.3
- 6" VALTERRA DRAIN VALVE (PULL ROPE TO OPEN)
- INSIDE BOTTOM VAULT ELEV. 1151.6
- CONCRETE PEDESTAL
- APPX. TELEPHONE LINE
- 8" PVC INLET INVERT ELEV. 1153.9
- OUTSIDE BOTTOM VAULT ELEV. 1150.3
- TOP BERM VERTICAL FLOW POND ELEV. 1161.2
- 1157.5 APPX. MAX. WATER LEVEL (TRIGGER MECH. OFF) (APPX. ELEV. TOP STAIR)
- 1156.3 APPX. MAX. WATER LEVEL (TRIGGER MECH. ON) (APPX. ELEV. SECOND STAIR FROM TOP)
- THREE-RAIL PERMANENT SAFETY FENCE (w/4' CHAINLINK BACKING)
- TOP BERM SPWL ELEV. 1156.0
- WATER SURFACE ELEV. 1152.4
- WETLAND BOTTOM ELEV. 1151.4
- BOTTOM SETTLING POND ELEV. 1148.4
- R-5 RBPAP

THREE-RAIL PERMANENT SAFETY FENCE (w/4' CHAINLINK BACKING)

TOP BERM SPWL ELEV. 1156.0

WATER SURFACE ELEV. 1152.4

WETLAND BOTTOM ELEV. 1151.4

OUTFALL CHANNEL

R - 5 RIPRAP

Elevations on the right: 1160, 1156, 1152, 1148, 1144

1 TOWNSHIP OF FINDLAY
2 PRECISION KIDD STEEL CO. INC.
3 INTERNATIONAL ASSOCIATION OF HEAT &
4 FROST INSULATORS & ASBESTOS WORKERS
5 n/f LEONARD, Lawrence M. & Betty Lou
6 n/f NERNBERG, A. Richard & Susan
7 n/f MAFFEI, Charles W. & Dianne E.
8 n/f REPOS, Stanley J. Jr. & Patricia D.

As-built information from 08/24/10 field inspection by BioMed, Inc., using post-processed sub-meter rated GPS unit and laser level as well as design information. Information shown is a reasonable representation of actual field conditions.

Water elevations may vary due to outlet spillway, weather and other factors.

All dimensions are in feet unless otherwise noted.

Sizes listed include: T - Tons High Calcium Carbonate (>90% CaCO₃)
Limestone; SF - Square Feet (measured at water surface elevation).