

# Project Fact Sheets - Wetland No. 1 & Wetland No. 2

## Dedication

### Wetland No. 1



*Ceremonial Raising of Stop Log by Federal, State and Local Representatives*

A dedication ceremony was held for BAMR's Monastery Run AMD Treatment Project on November 12, 1998. The dedication ceremony was part of the Sixth Annual Monastery Run Project Symposium held at Saint Vincent College in Latrobe. The dedication ceremony, conducted by C. H. Meyers, District Engineer, Ebensburg BAMR, featured guest speakers, Robert Dolence (Deputy Secretary of MRM), Kathy Karpan (Director of OSM) and Congressman John Murtha. Following brief remarks from the speakers, a stop log was lifted by Congressman Murtha and Brother Norman Hipps, Provost, St. Vincent College, to ceremoniously start water flowing through the treatment system. A second dedication ceremony was held later at an adjacent site (Wetland No.2) which was designed and funded by BAMR partner, the Natural Resource Conservation Service (NRCS).

BAMR's Monastery Run AMD Treatment Project, Contract No. AMD 65(2533)102.1, is one of three similar projects constructed to improve the water quality in Fourmile Run, Monastery Run and the Loyalhanna Creek. The BAMR project is an 8.5 acre wetland treatment system which treats a high iron, net alkaline discharge with an average flow of 660 gpm. According to initial water quality testing, the treatment system is successfully raising the water quality to Pennsylvania effluent standards. The project was constructed by Casselman Enterprises, Inc., of Somerset who's original bid price was \$461,066.00. The Contract was awarded to Casselman Enterprises, Inc., on March 18, 1997 and expired on November 23, 1998.

BAMR's C. H. Meyers, Ebensburg District Engineer, presented Brother Norman Hipps eight wood duck boxes to be placed at the various treatment systems. The wood duck nest boxes were donated to BAMR from the High Point Chapter of Ducks Unlimited through Anthony Marich, Jr.



*Presentation of Wildlife Habitat Enhancement (Duck Box), From DEP Representative, C. H. Meyers, to Loyalhanna Mine Drainage Coalition Representative, Br. Norman W. Hipps*



## FACT SHEET

### Loyalhanna Creek Mine Drainage Coalition Monastery Run Project

#### Wetland #2

Wetland #2, along the South side of Four Mile Run, was constructed in the summer of 1998 to treat abandoned mine drainage which discharges within the existing cattail marsh.

Two large cells were built within the existing marsh providing for aeration and increased detention time. The pipeline, which carries water from "The Bubbler", was extended to Wetland #2 in the event additional treatment may be necessary.

Project Design: USDA Natural Resources Conservation Service designed the wetland in cooperation with the landowner, Wimmer Corp.

Funds for Construction and Design: Funding from the Watershed Protection and Flood Prevention Act (PL 83-566) program, administered by USDA Natural Resources Conservation Service.

Wetland Size: 7.5 acres

Contractor: Hutchinson Excavating  
Armagh, PA

Contract Administration: USDA, Natural Resources Conservation Service

Construction Cost: \$162,000

Dedication: November 12, 1998

Operation and Maintenance: St. Vincent College/Wimmer Corp.

#### Special Features of Wetland #2:

- ❖ A 2400 foot exterior dike is set back from the stream allowing a riparian buffer zone to remain.
- ❖ Plantings for wildlife habitat and natural enhancement were provided.
- ❖ A bentonite slurry cut-off trench was installed under the perimeter dike to prevent subsurface water flow between wetland and stream.
- ❖ Water levels in each of the two cells can be regulated.



Wetland No.2 (center)