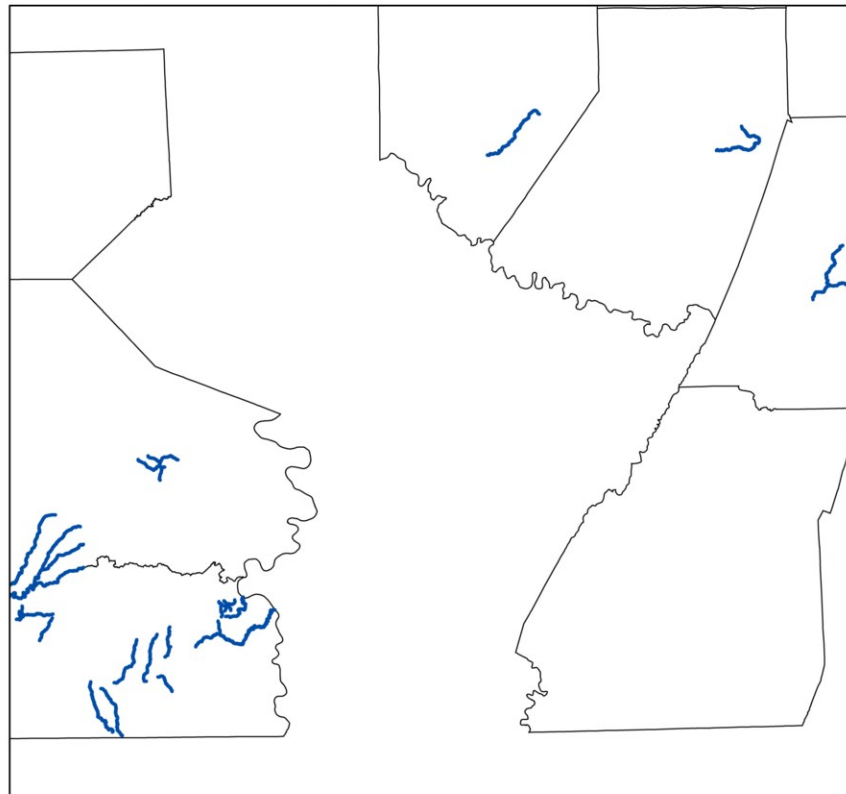


# Streams with Segments Examined for the Study

Section VII

Plate 1



## Legend

 Streams with Examined Segments

Prepared For:  
Commonwealth of Pennsylvania  
Department of Environmental Protection

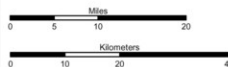


Edward G. Rendell, Governor  
Kathleen A. McGinty, Secretary

Prepared By:  
California University  
of Pennsylvania

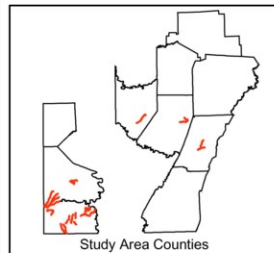


B. L. Franek  
R. S. Ulevich



Data adapted from:  
Pennsylvania Spatial Data Access  
Pennsylvania Department of Environmental Protection

August 2004

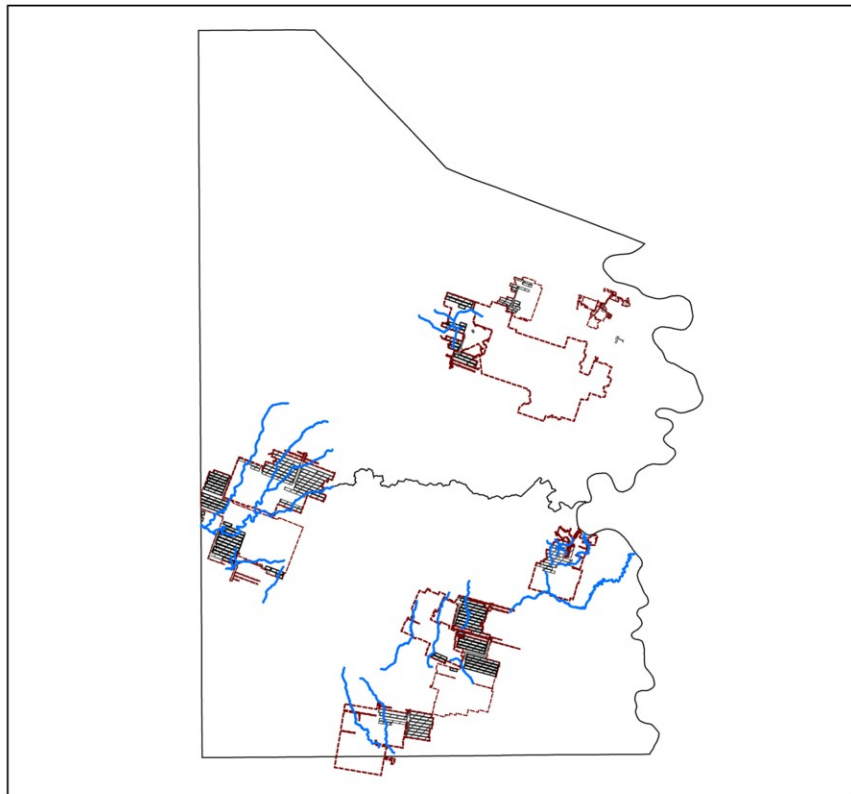


Study Area Counties

# Streams and Examined Segments Relative to Longwall Mining

Section VII

Plate 2



**Legend**

- Longwall Panels
- Room-and-Pillar
- Mining Extent
- Examined Streams

Prepared For:  
Commonwealth of Pennsylvania  
Department of Environmental Protection

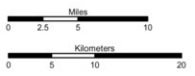


Edward G. Rendell, Governor  
Kathleen A. McGinty, Secretary

Prepared By:  
California University  
of Pennsylvania

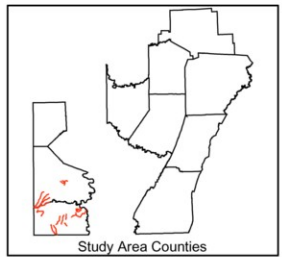


B. L. Franek  
R. S. Ulevich



Data adapted from:  
Pennsylvania Spatial Data Access  
Pennsylvania Department of Environmental Protection

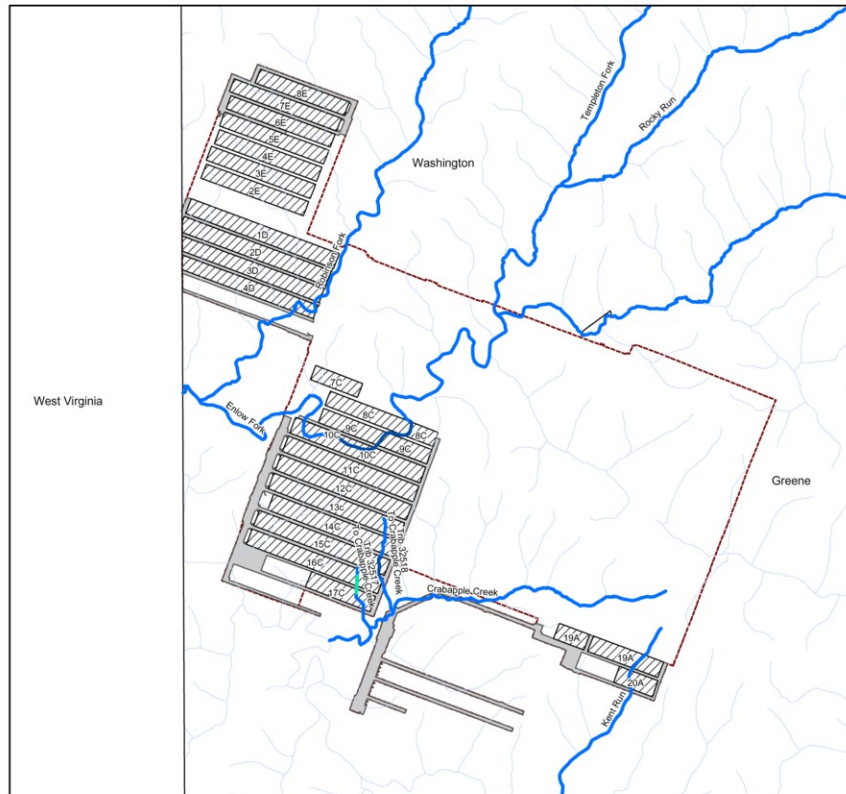
August 2004



# Bailey: Streams with Examined Segments

Section VII

Plate 3



**Legend**

- Longwall Panels
- Examined Streams
- Room-and-Pillar
- Attaining Use
- Mining Extent
- Unassessed Pennsylvania Streams

Prepared For:  
Commonwealth of Pennsylvania  
Department of Environmental Protection

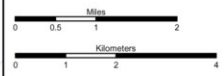


Edward G. Rendell, Governor  
Kathleen A. McGinty, Secretary

Prepared By:  
California University  
of Pennsylvania



B. L. Franck  
R. S. Ulevich



Data adapted from:  
Pennsylvania Spatial Data Access  
Pennsylvania Department of Environmental Protection

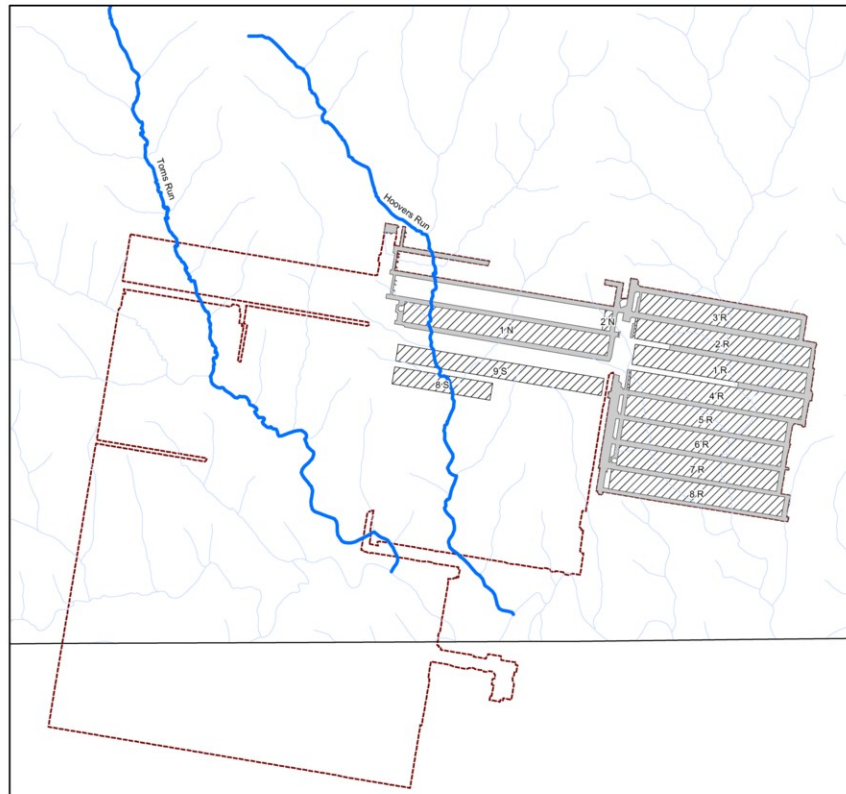
August 2004



# Blacksville 2: Streams with Examined Segments

Section VII

Plate 4



### Legend

- Longwall Panels
- Room-and-Pillar
- Mining Extent
- Examined Streams
- Pennsylvania Streams

Prepared For:  
Commonwealth of Pennsylvania  
Department of Environmental Protection

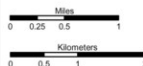


Edward G. Rendell, Governor  
Kathleen A. McGinty, Secretary

Prepared By:  
California University  
of Pennsylvania



B. L. Franck  
R. S. Ulevich



Data adapted from:  
Pennsylvania Spatial Data Access  
Pennsylvania Department of Environmental Protection

August 2004

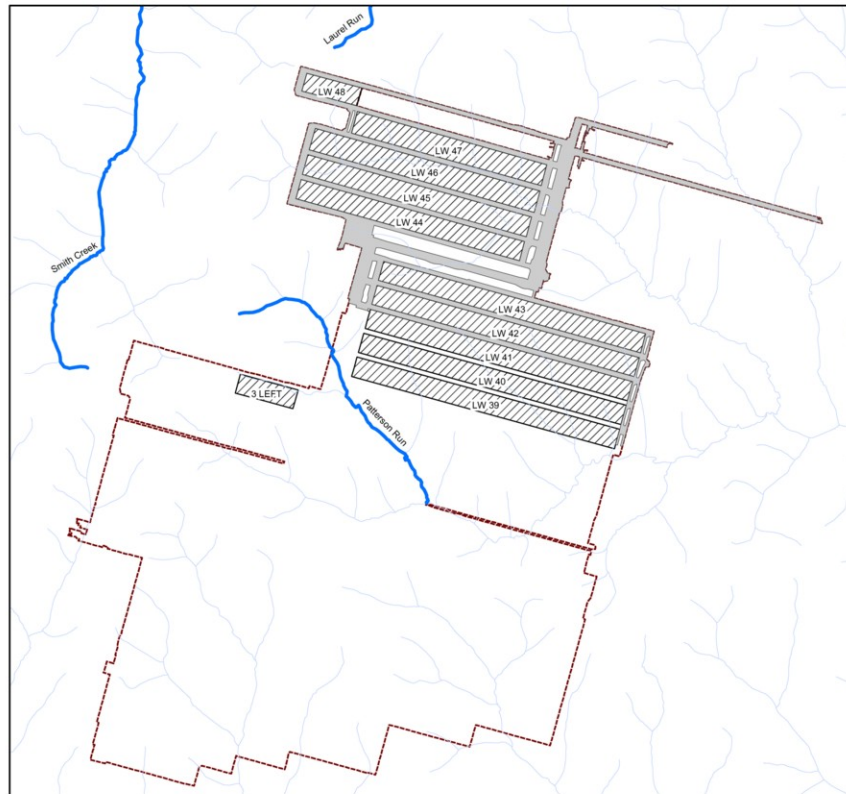


Greene/Washington Counties

# Cumberland: Streams with Examined Segments

Section VII

Plate 5



## Legend

- Longwall Panels
- Examined Streams
- Room-and-Pillar
- Pennsylvania Streams
- Mining Extent

Prepared For:  
Commonwealth of Pennsylvania  
Department of Environmental Protection

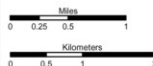


Edward G. Rendell, Governor  
Kathleen A. McGinty, Secretary

Prepared By:  
California University  
of Pennsylvania



B. L. Franek  
R. S. Ulevich



Data adapted from:  
Pennsylvania Spatial Data Access  
Pennsylvania Department of Environmental Protection

August 2004

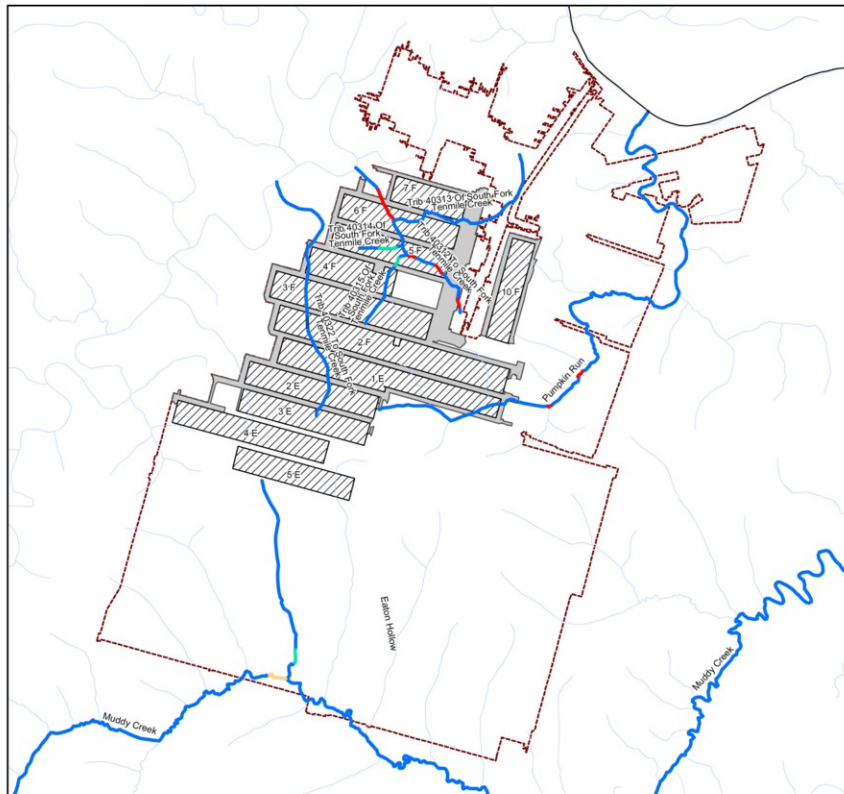


Greene/Washington Counties

# Dilworth: Streams with Examined Segments

Section VII

Plate 6



**Legend**

- Longwall Panels
- Room-and-Pillar
- Mining Extent
- Pennsylvania Streams
- Streams with Examined Segments
- Attaining Use, but Impaired
- Attaining Use, Not Attaining
- Unassessed

Prepared For:  
Commonwealth of Pennsylvania  
Department of Environmental Protection



Edward G. Rendell, Governor  
Kathleen A. McGinty, Secretary

Prepared By:  
California University of Pennsylvania  
Department of Geography



B. L. Franek  
R. S. Ulewicz



Data adapted from:  
Pennsylvania Spatial Data Access  
Pennsylvania Department of Environmental Protection

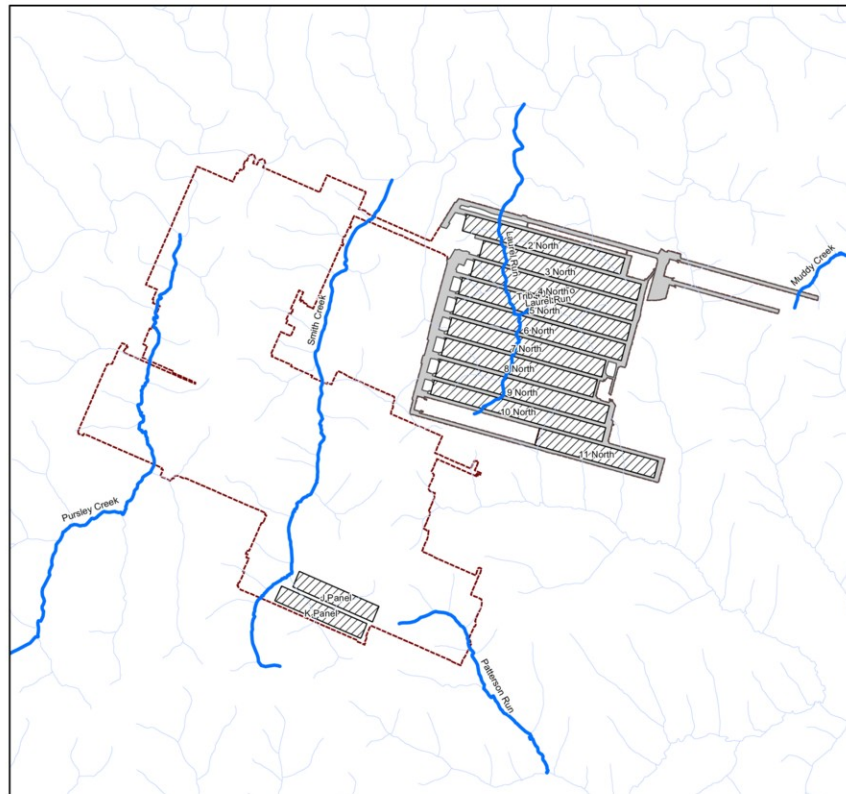
August 2004



# Emerald: Streams with Examined Segments

Section VII

Plate 7



## Legend

- Longwall Panels
- Room-and-Pillar
- Mining Extent
- Examined Streams
- Attaining Use, but Impaired
- Pennsylvania Streams

Prepared For:  
Commonwealth of Pennsylvania  
Department of Environmental Protection

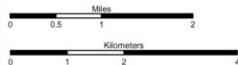


Edward G. Rendell, Governor  
Kathleen A. McGinty, Secretary

Prepared By:  
California University  
of Pennsylvania



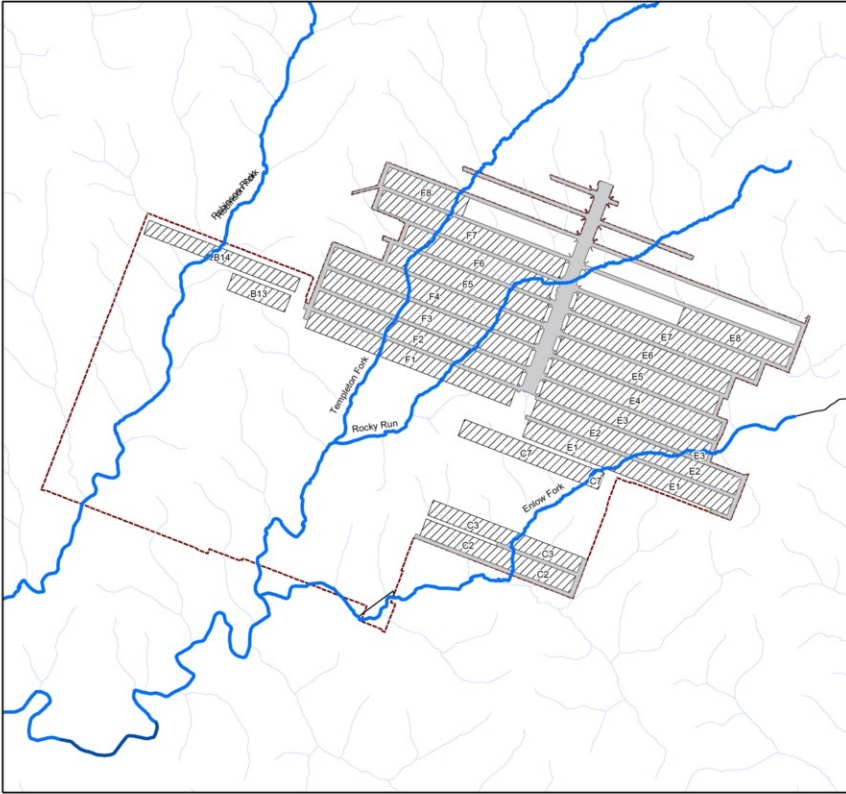
B. L. Franek  
R. S. Ulevich



Data adapted from:  
Pennsylvania Spatial Data Access  
Pennsylvania Department of Environmental Protection

August 2004





**Legend**

- Longwall Panels
- Room-and-Pillar
- Mining Extent
- Examined Streams
- Pennsylvania Streams

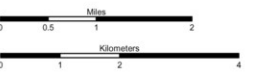
Prepared For:  
Commonwealth of Pennsylvania  
Department of Environmental Protection

Edward G. Rendell, Governor  
Kathleen A. McGinty, Secretary

N

Prepared By:  
California University  
of Pennsylvania

B. L. Franek  
R. S. Ulevich



Data adapted from:  
Pennsylvania Spatial Data Access  
Pennsylvania Department of Environmental Protection

August 2004

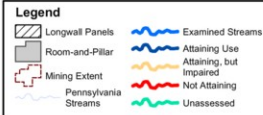
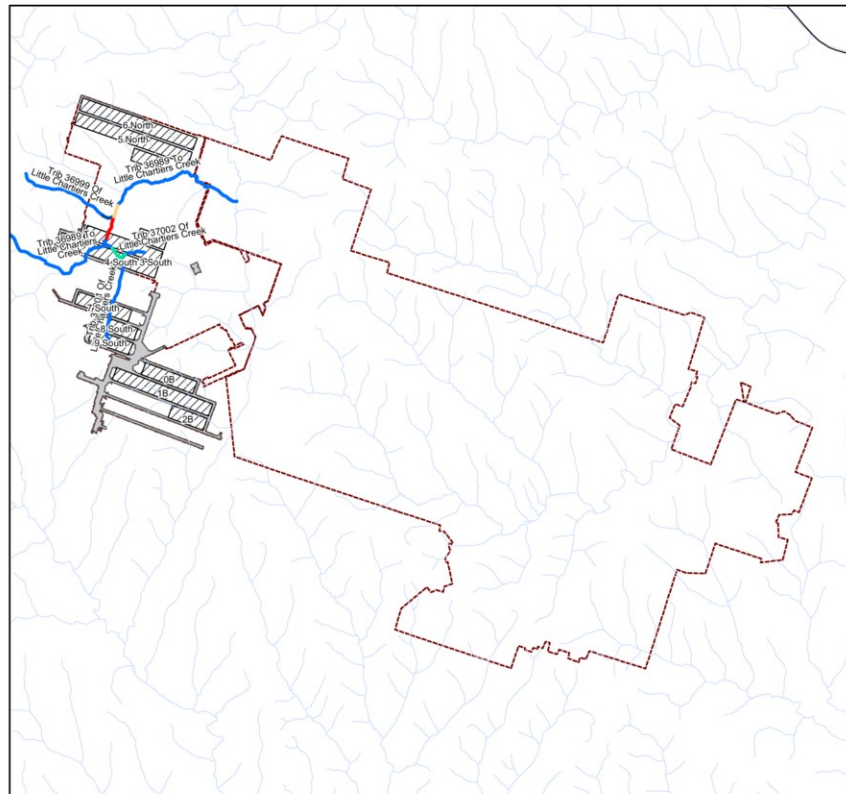




# Mine 84: Streams with Examined Segments

Section VII

Plate 9



Prepared For:  
Commonwealth of Pennsylvania  
Department of Environmental Protection

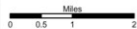


Edward G. Rendell, Governor  
Kathleen A. McGinty, Secretary

Prepared By:  
California University  
of Pennsylvania



B. L. Franek  
R. S. Ulevich



Data adapted from:  
Pennsylvania Spatial Data Access  
Pennsylvania Department of Environmental Protection

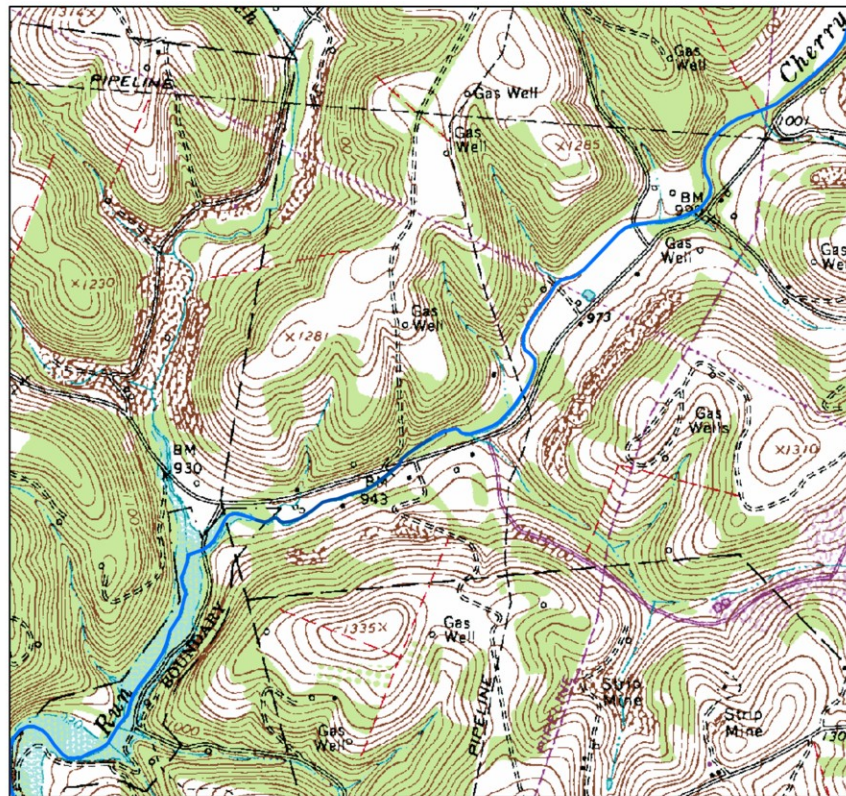
August 2004



# Armstrong County: Streams with Examined Segments

Section VII

Plate 10



## Legend

-  Examined Stream
-  Attaining Use

Prepared For:  
Commonwealth of Pennsylvania  
Department of Environmental Protection

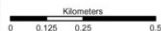


Edward G. Rendell, Governor  
Kathleen A. McGinty, Secretary

Prepared By:  
California University  
of Pennsylvania

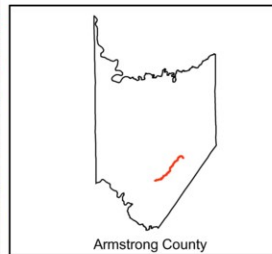


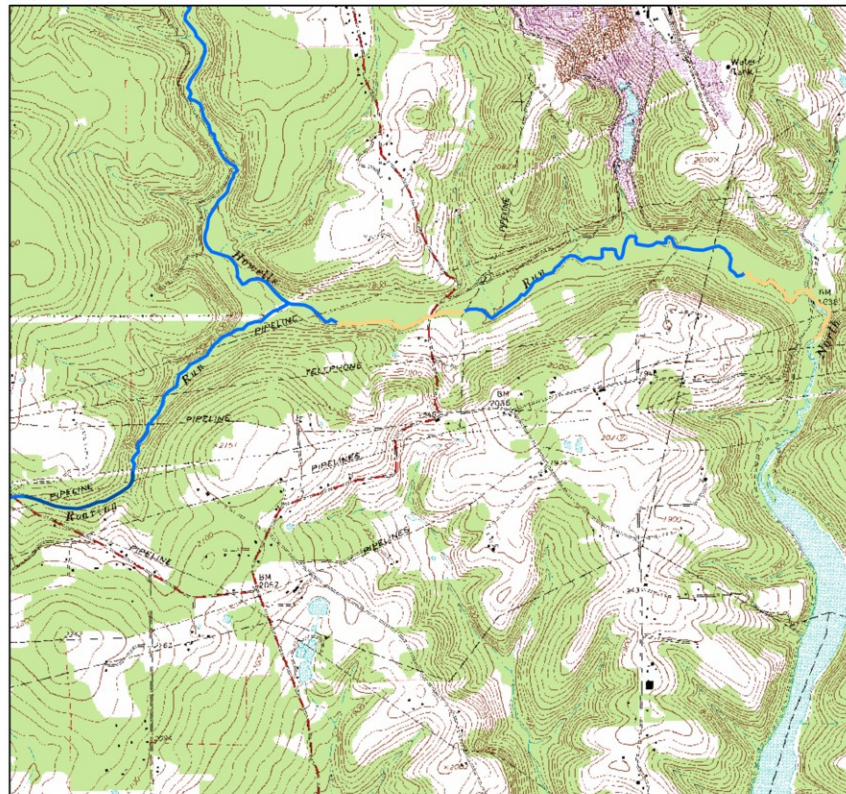
B. L. Franek  
R. S. Ulevich






Data adapted from:  
Pennsylvania Spatial Data Access  
Pennsylvania Department of Environmental Protection  
USGS Whitesburg, Pennsylvania  
7.5 minute Quadrangle

August 2004





### Legend

-  Examined Streams
-  Attaining Use
-  Attaining, but impaired

Prepared For:  
Commonwealth of Pennsylvania  
Department of Environmental Protection

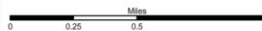


Edward G. Rendell, Governor  
Kathleen A. McGinty, Secretary

Prepared By:  
California University  
of Pennsylvania



B. L. Franek  
R. S. Ulevich



Data adapted from:  
Pennsylvania Spatial Data Access  
Pennsylvania Department of Environmental Protection  
USGS Ebersburg, Pennsylvania  
7.5 minute Quadrangle

August 2004

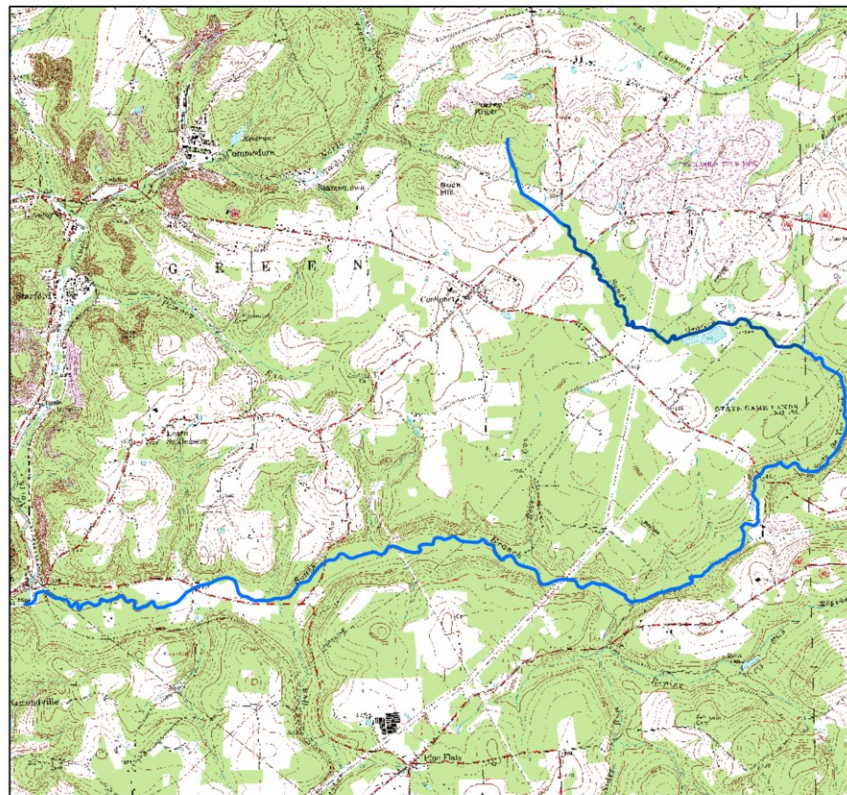


Cambria County

# Indiana County: Streams with Examined Segments

Section VII

Plate 12



## Legend

-  Examined Stream
-  Attaining Use

Prepared For:  
Commonwealth of Pennsylvania  
Department of Environmental Protection

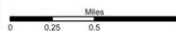


Edward G. Rendell, Governor  
Kathleen A. McGinty, Secretary

Prepared By:  
California University  
of Pennsylvania



B. L. Franck  
R. S. Ulevich



Data adapted from:  
Pennsylvania Spatial Data Access  
Pennsylvania Department of Environmental Protection  
USGS Commodore, Barnesboro, Pennsylvania  
7.5 minute Quadrangles

August 2004



Indiana County