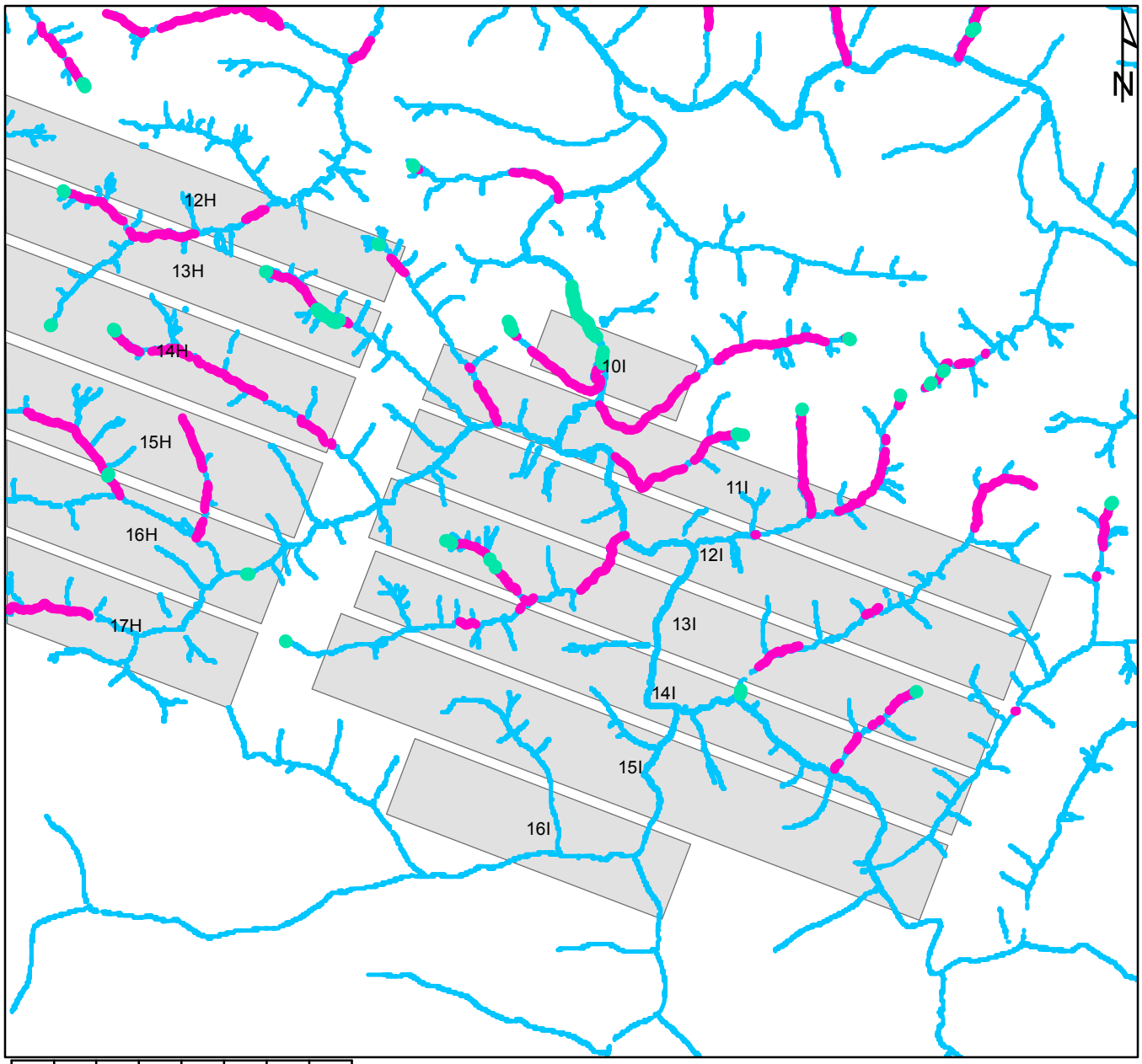
Appendix C: Maps of Maximum and Minimum Stream Flow Loss and Wetlands

Bailey Mine, Minimum and Maximum Stream Flow Loss, Wet Season



Map Key

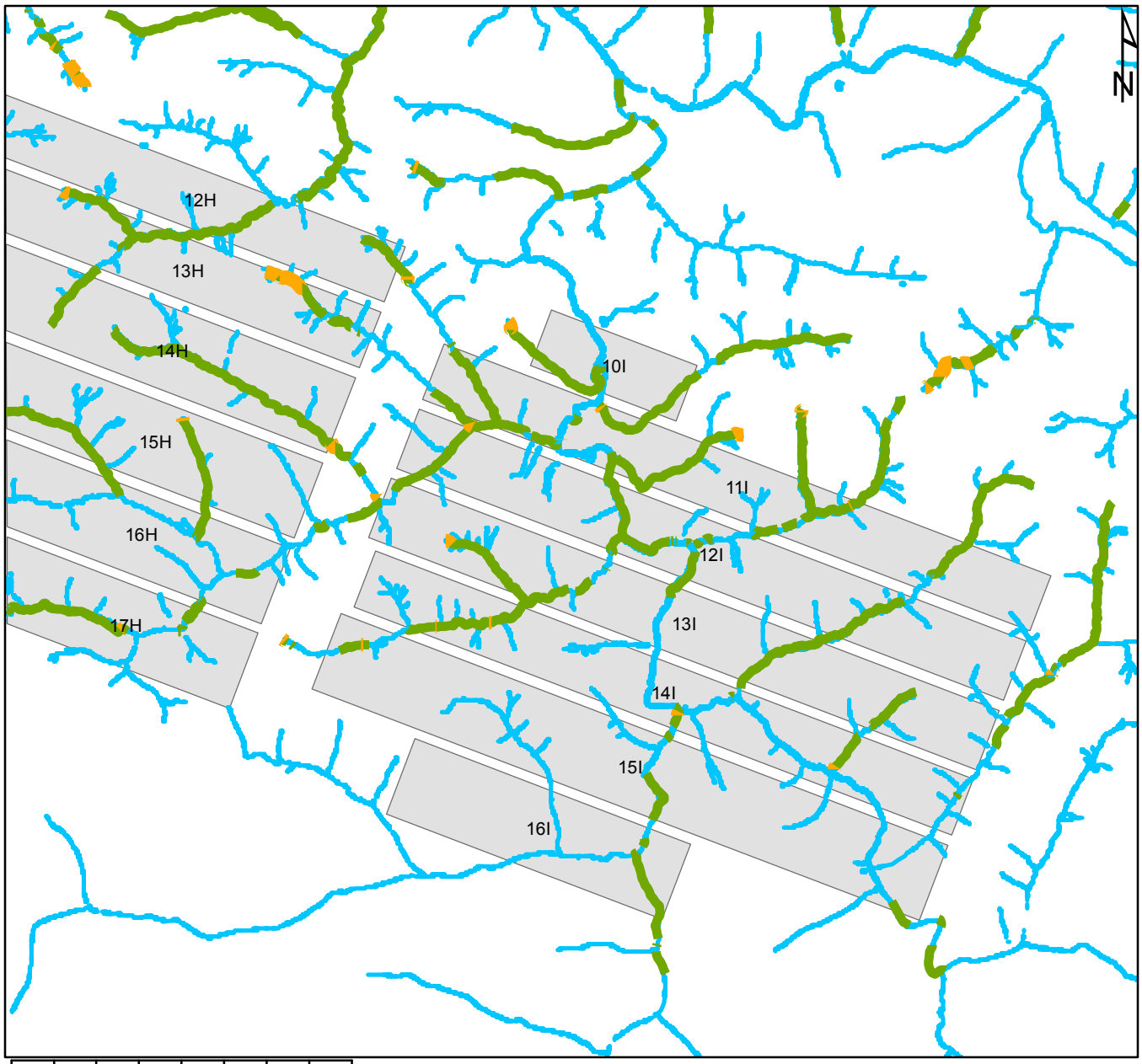
- Minimum Length (Wet Season)
- Maximum Length (Wet Season)
- Streams
- Longwall Panel (4th)

Greene County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh

Bailey Mine,
Minimum and Maximum Stream Flow Loss,
Dry Season



Map Key

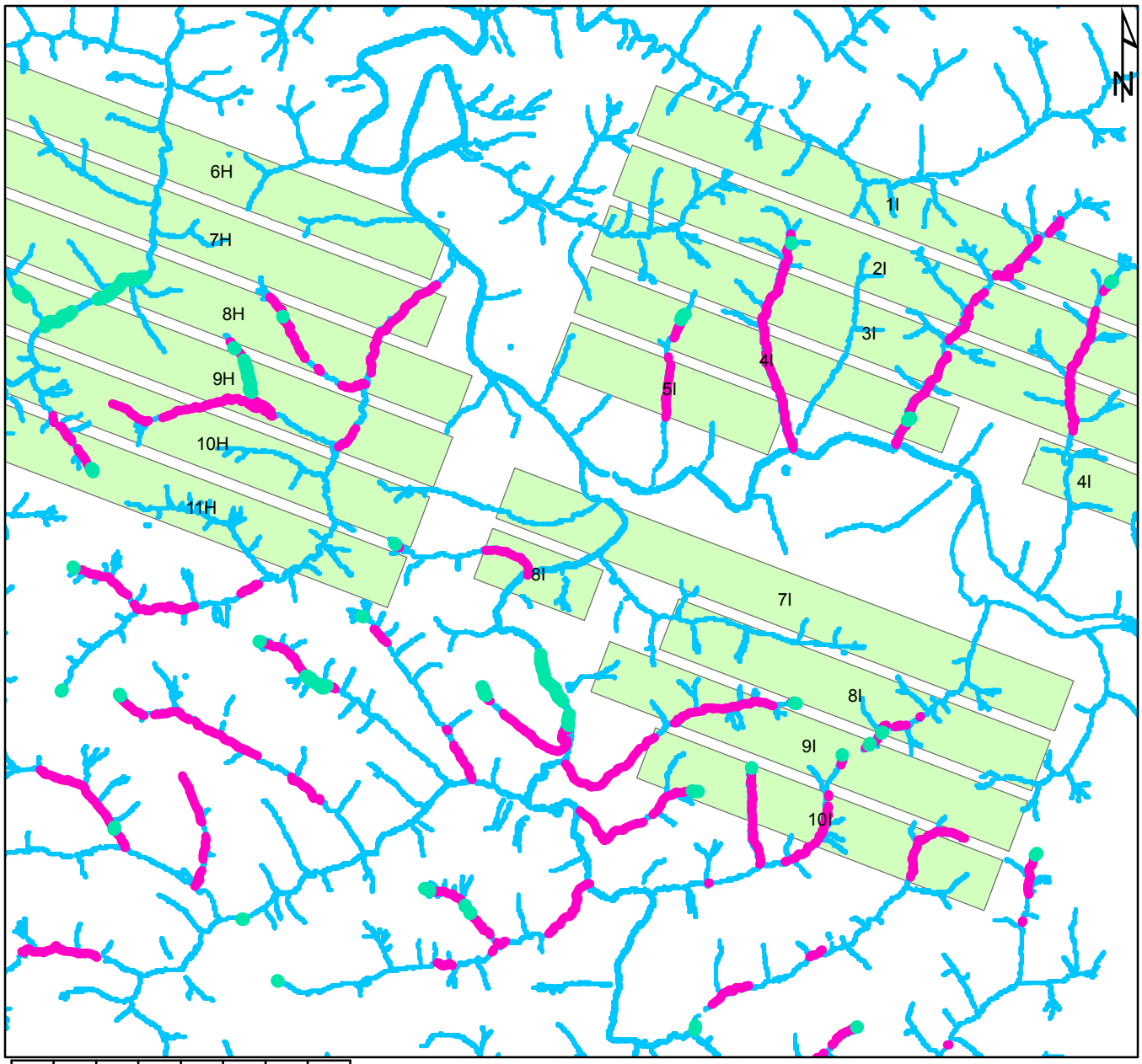
- Minimum Length (Dry Season)
- Maximum Length (Dry Season)
- Streams
- Longwall Panel (4th)

Greene County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

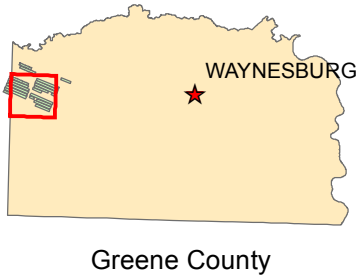
Prepared by:
University of Pittsburgh

Bailey Mine, Minimum and Maximum Stream Flow Loss, Wet Season



Map Key

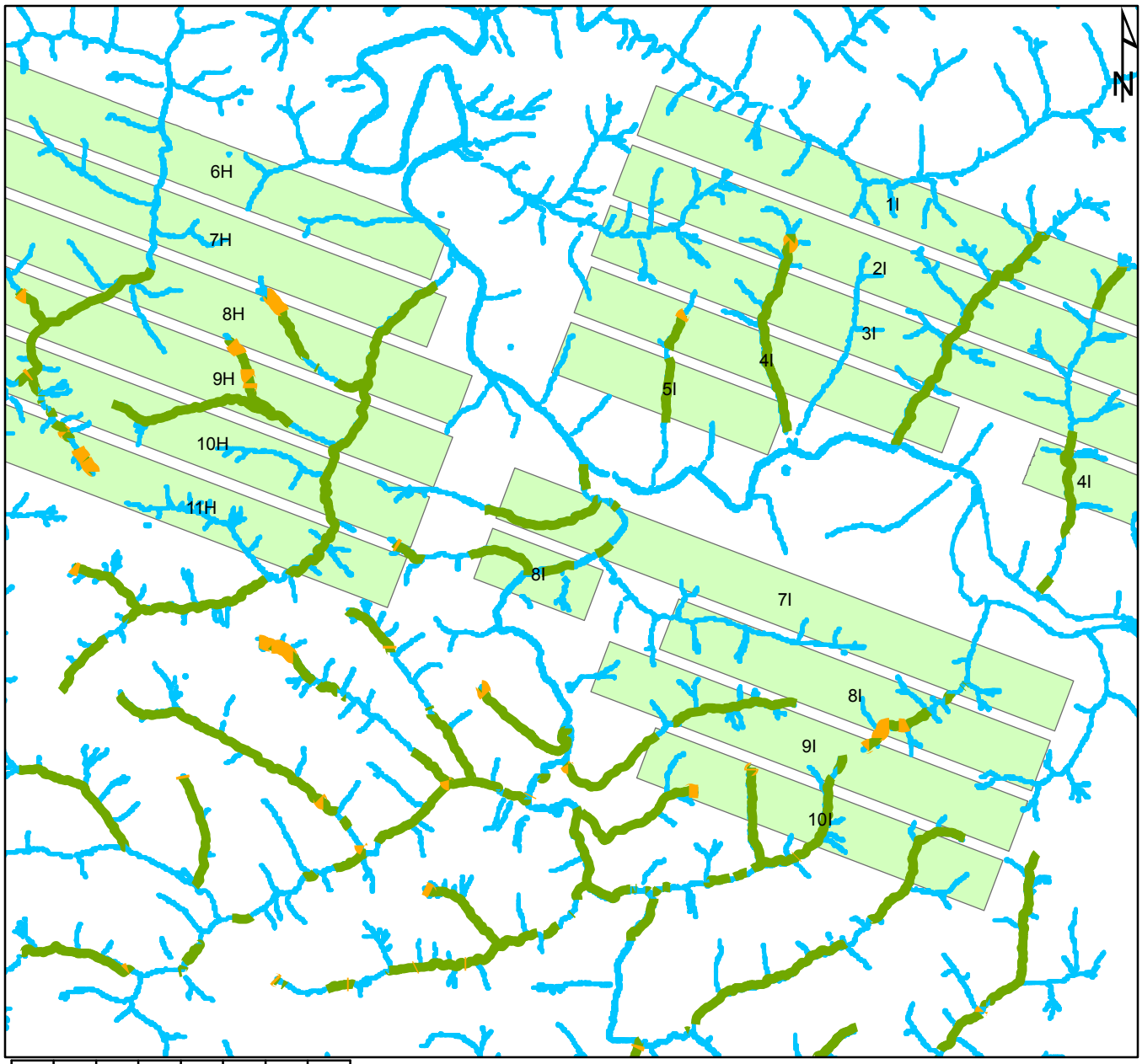
- Minimum Length (Wet Season)
- Maximum Length (Wet Season)
- Streams
- Longwall Panel (3rd)



Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

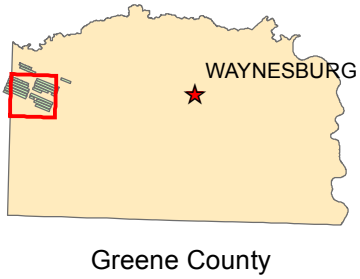
Prepared by:
University of Pittsburgh

Bailey Mine, Minimum and Maximum Stream Flow Loss, Dry Season



Map Key

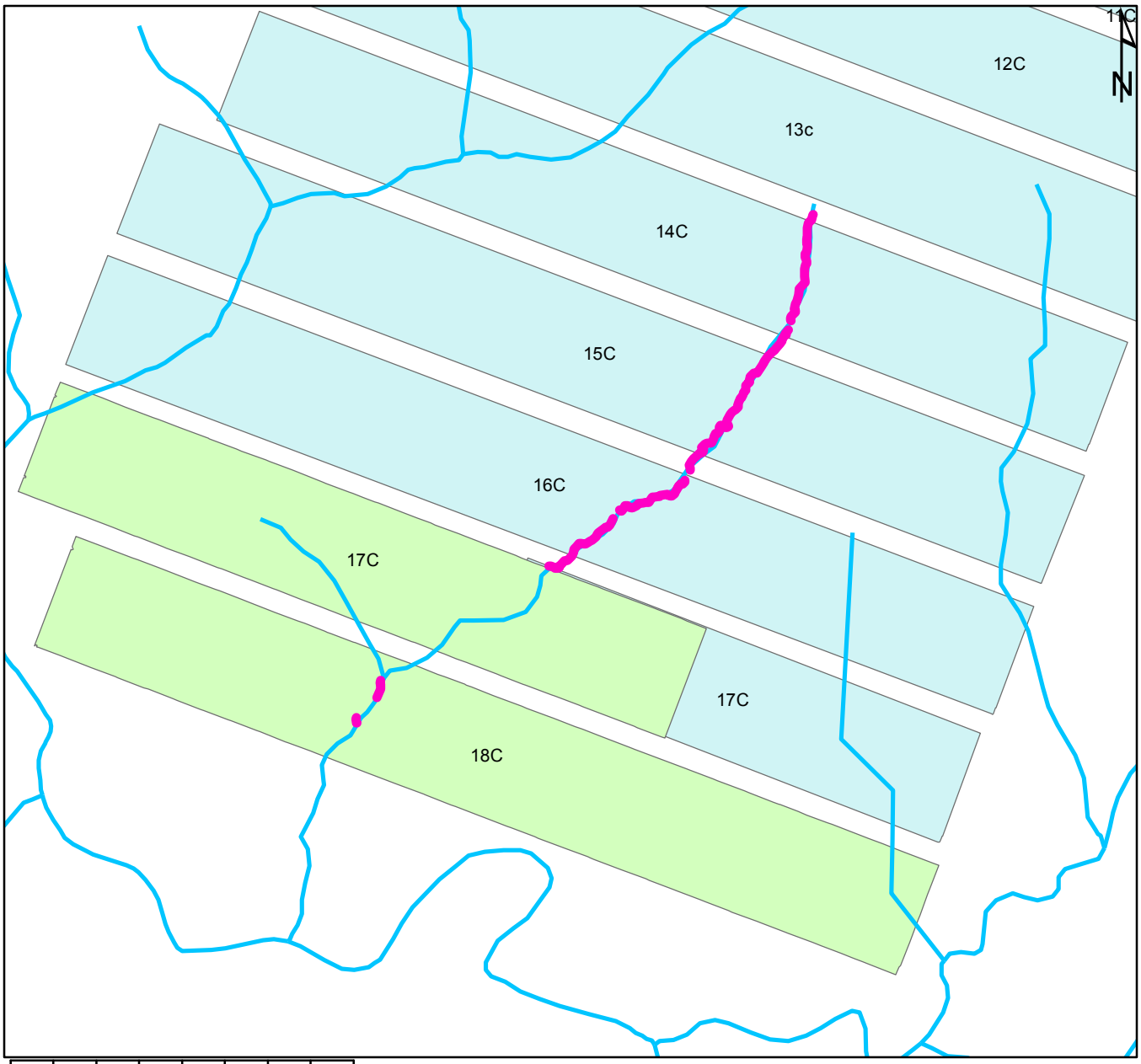
- Minimum Length (Dry Season)
- Maximum Length (Dry Season)
- Streams
- Longwall Panel (3rd)



Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh

Bailey Mine, Minimum and Maximum Stream Flow Loss, Wet Season



Map Key

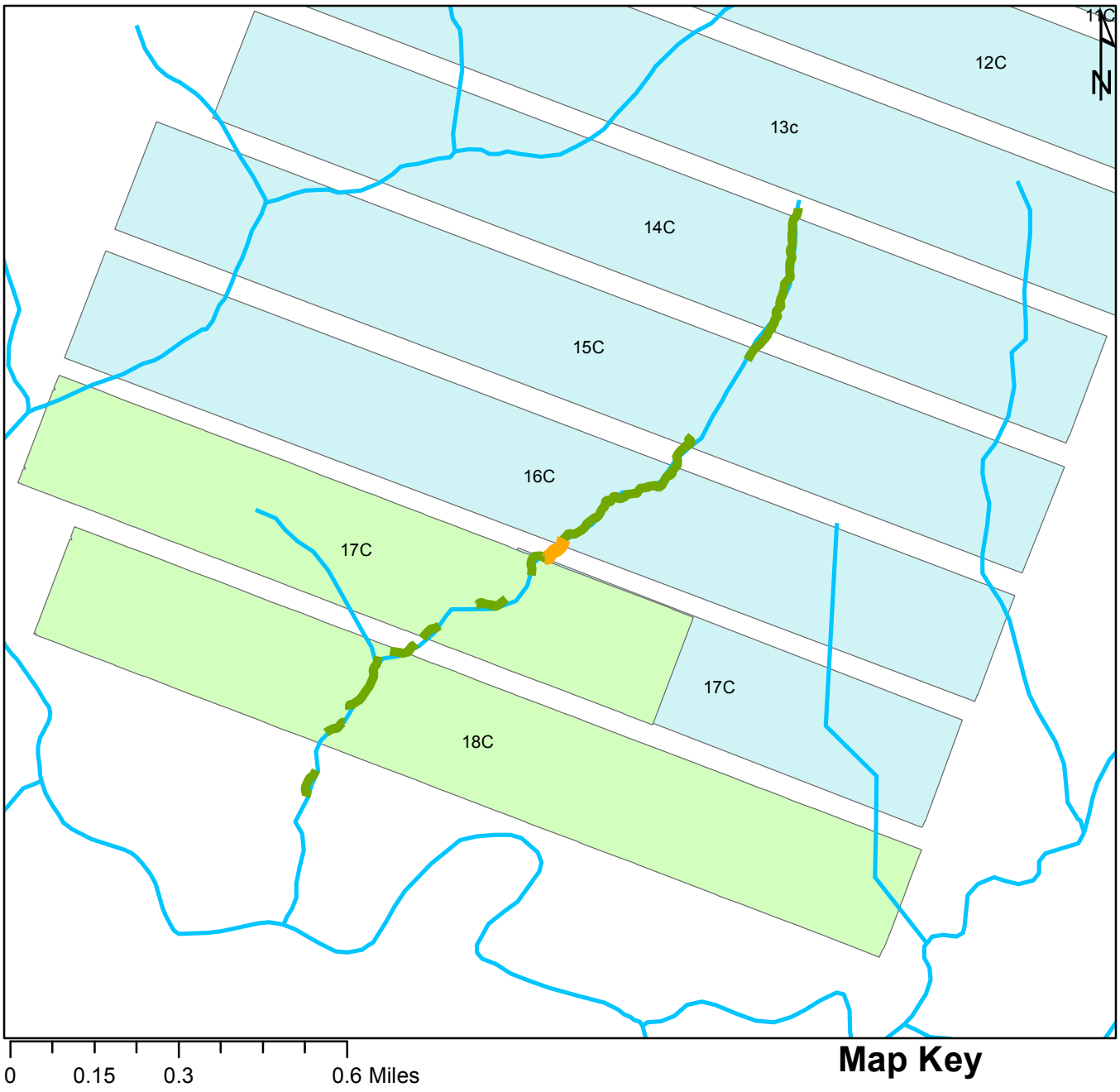
- Minimum Length (Wet Season)
- Maximum Length (Wet Season)
- Streams
- Longwall Panel (3rd)
- Longwall Panel (2nd)

Greene County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh

Bailey Mine,
Minimum and Maximum Stream Flow Loss,
Dry Season



Map Key

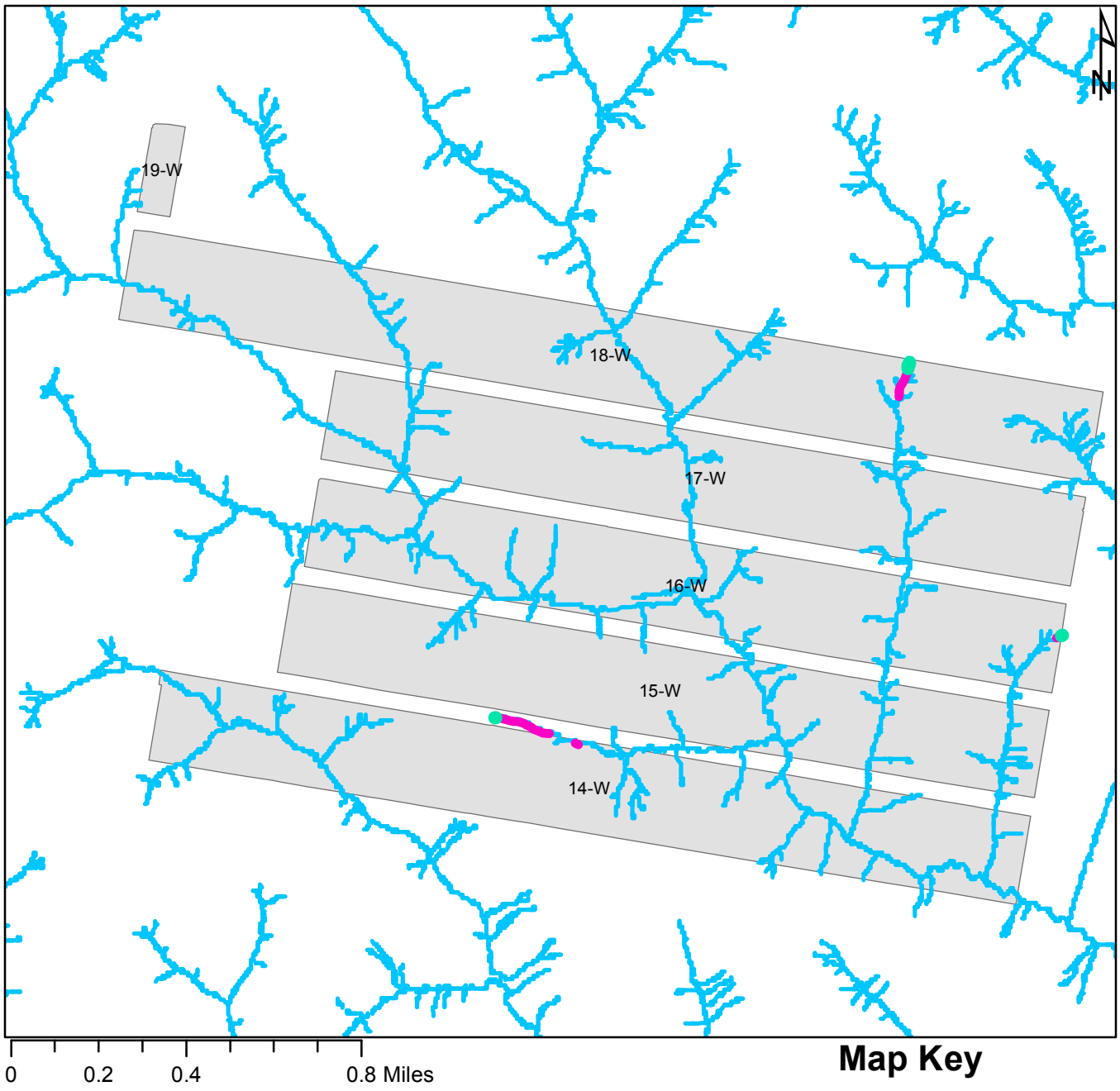
- Minimum Length (Dry Season)
- Maximum Length (Dry Season)
- Streams
- Longwall Panel (3rd)
- Longwall Panel (2nd)

Greene County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh

Blacksville 2 Mine, Minimum and Maximum Stream Flow Loss, Wet Season



Map Key

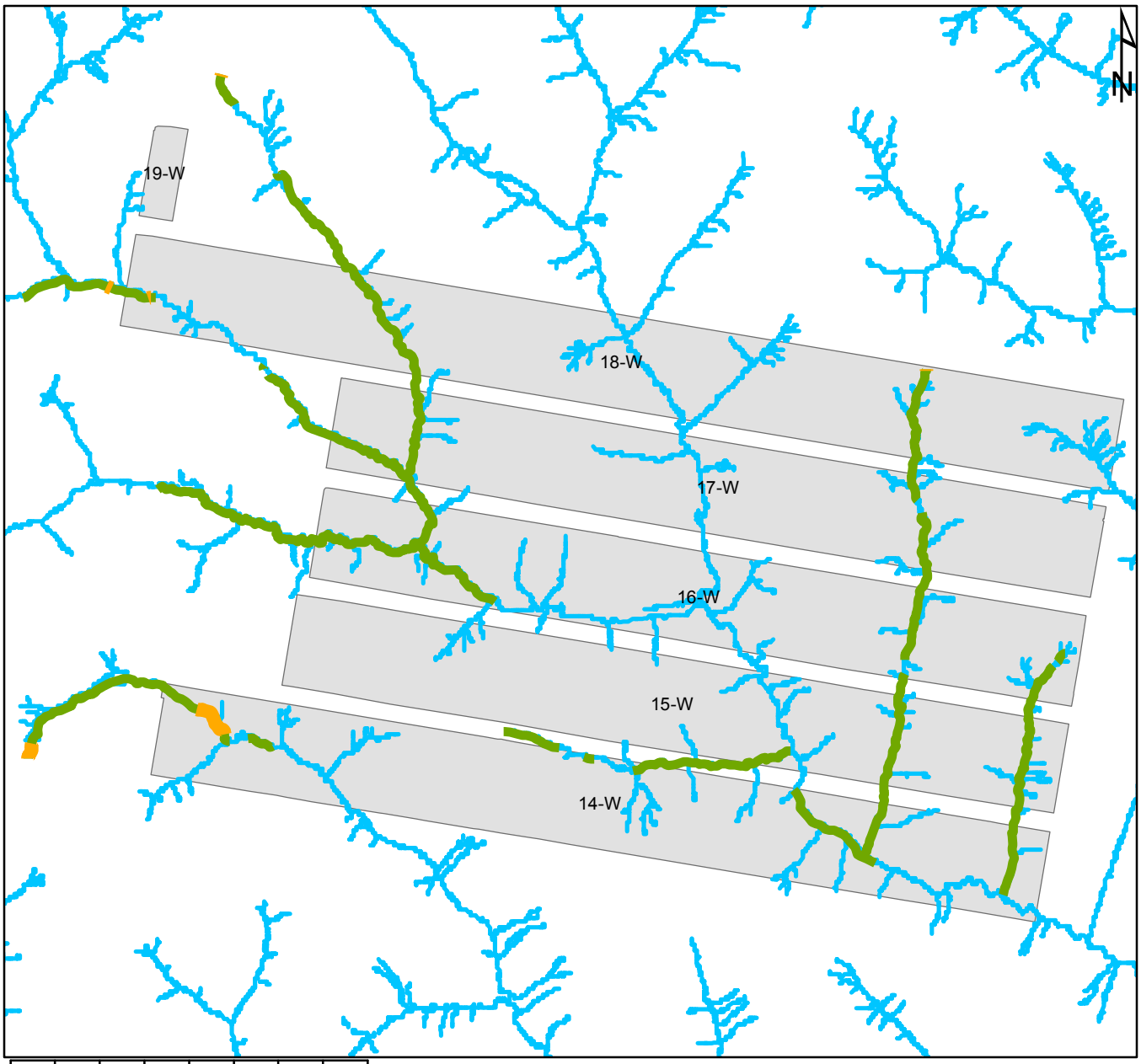
- Minimum Length (Wet Season)
- Maximum Length (Wet Season)
- Streams
- Longwall Panel (4th)

Greene County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh

Blacksville 2 Mine, Minimum and Maximum Stream Flow Loss, Dry Season



Map Key

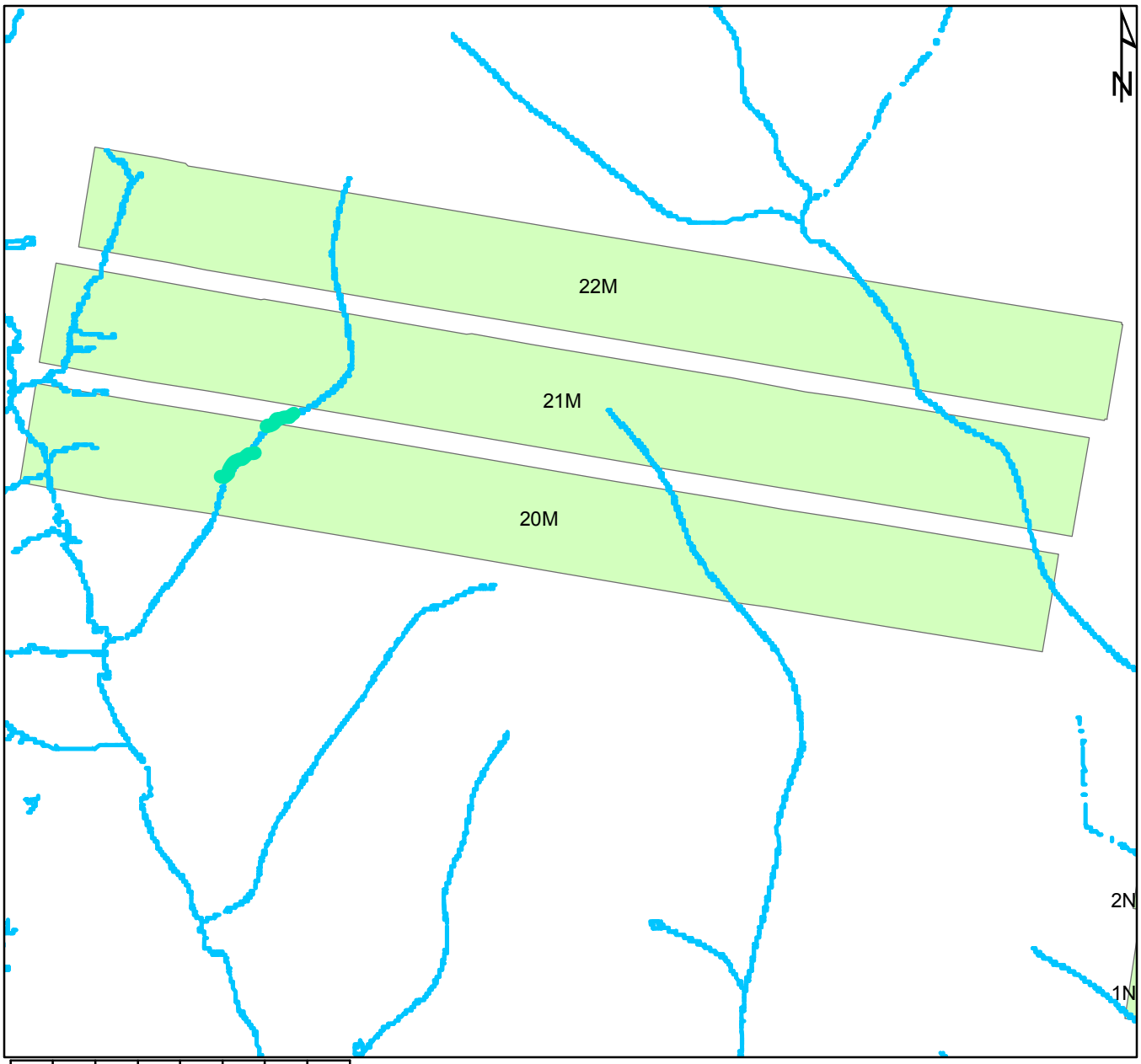
- Minimum Length (Dry Season)
- Maximum Length (Dry Season)
- Streams
- Longwall Panel (4th)

Greene County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

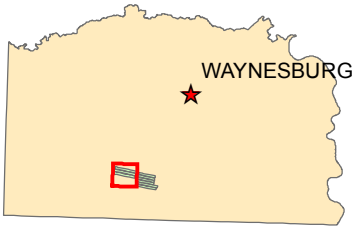
Prepared by:
University of Pittsburgh

Blacksville 2 Mine, Minimum and Maximum Stream Flow Loss, Wet Season



Map Key

- Minimum Length (Wet Season)
- Maximum Length (Wet Season)
- Streams
- Longwall Panel (3rd)

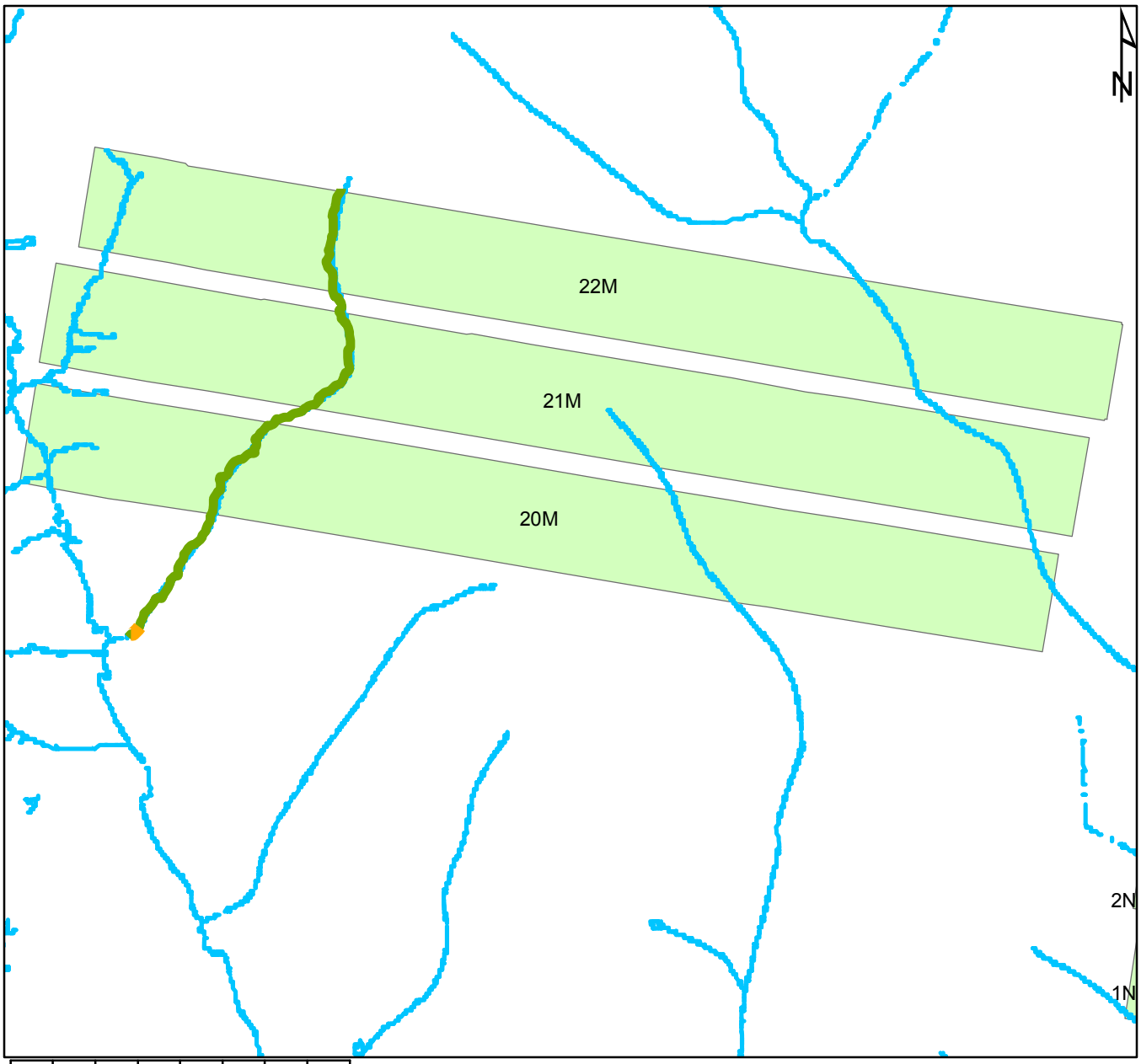


Greene County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

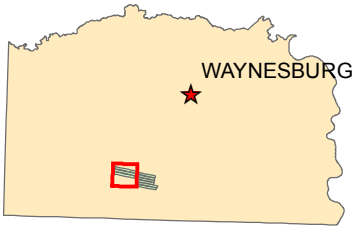
Prepared by:
University of Pittsburgh

Blacksville 2 Mine, Minimum and Maximum Stream Flow Loss, Dry Season



Map Key

- Minimum Length (Dry Season)
- Maximum Length (Dry Season)
- Streams
- Longwall Panel (3rd)

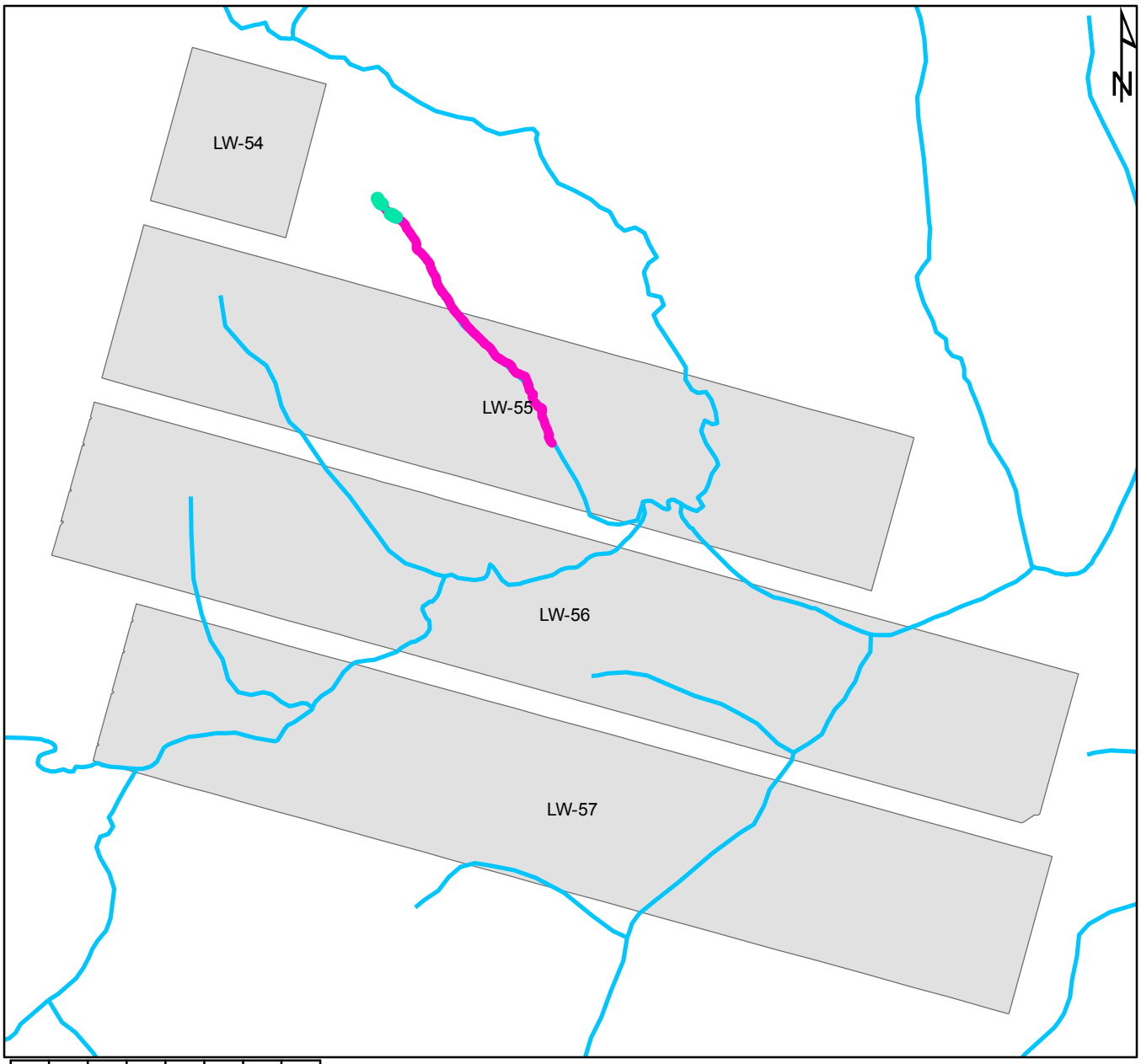


Greene County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh

Cumberland Mine, Minimum and Maximum Stream Flow Loss, Wet Season



Map Key

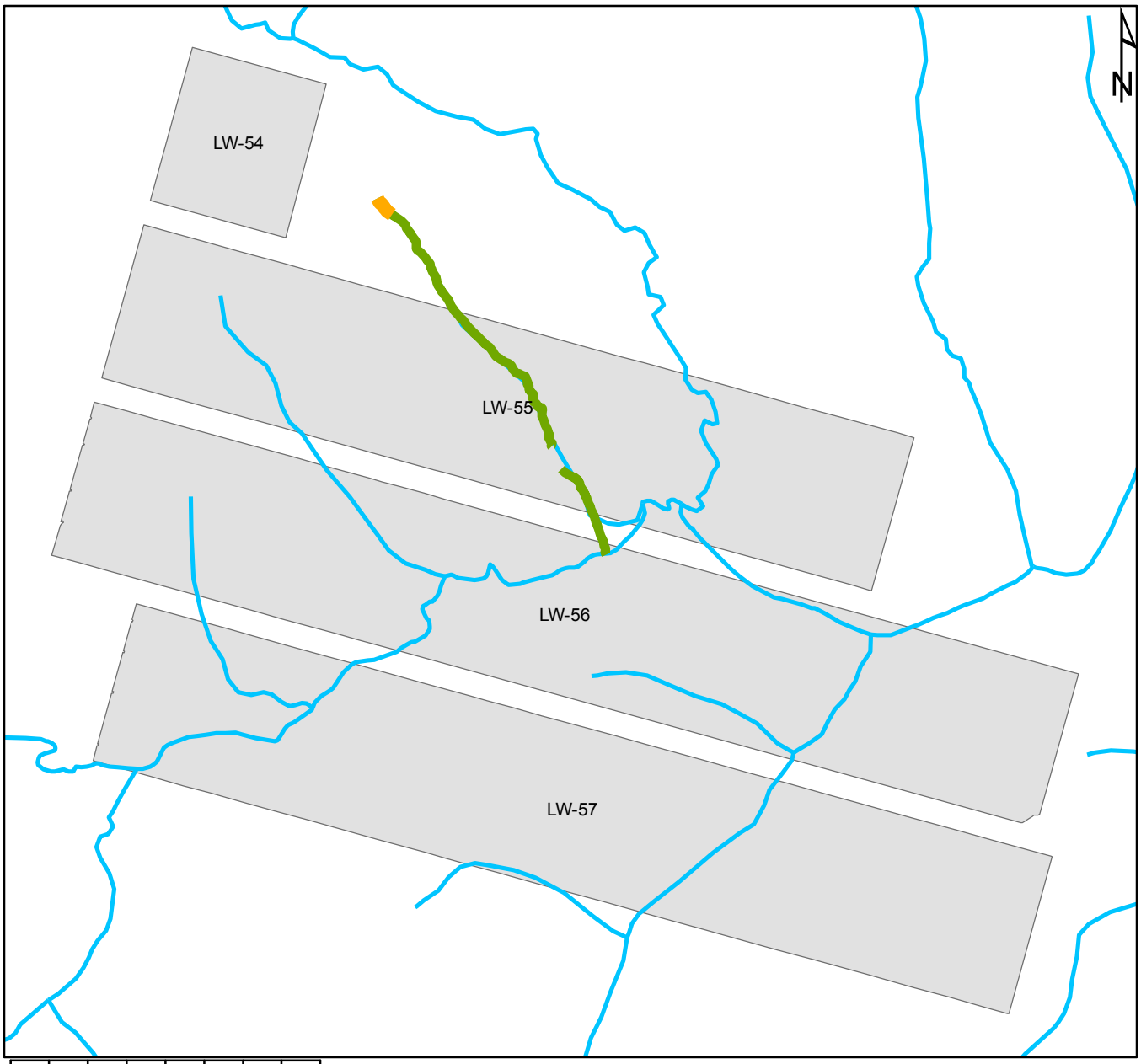
- Minimum Length (Wet Season)
- Maximum Length (Wet Season)
- Streams
- Longwall Panel (4th)

Greene County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh

Cumberland Mine, Minimum and Maximum Stream Flow Loss, Dry Season



Map Key

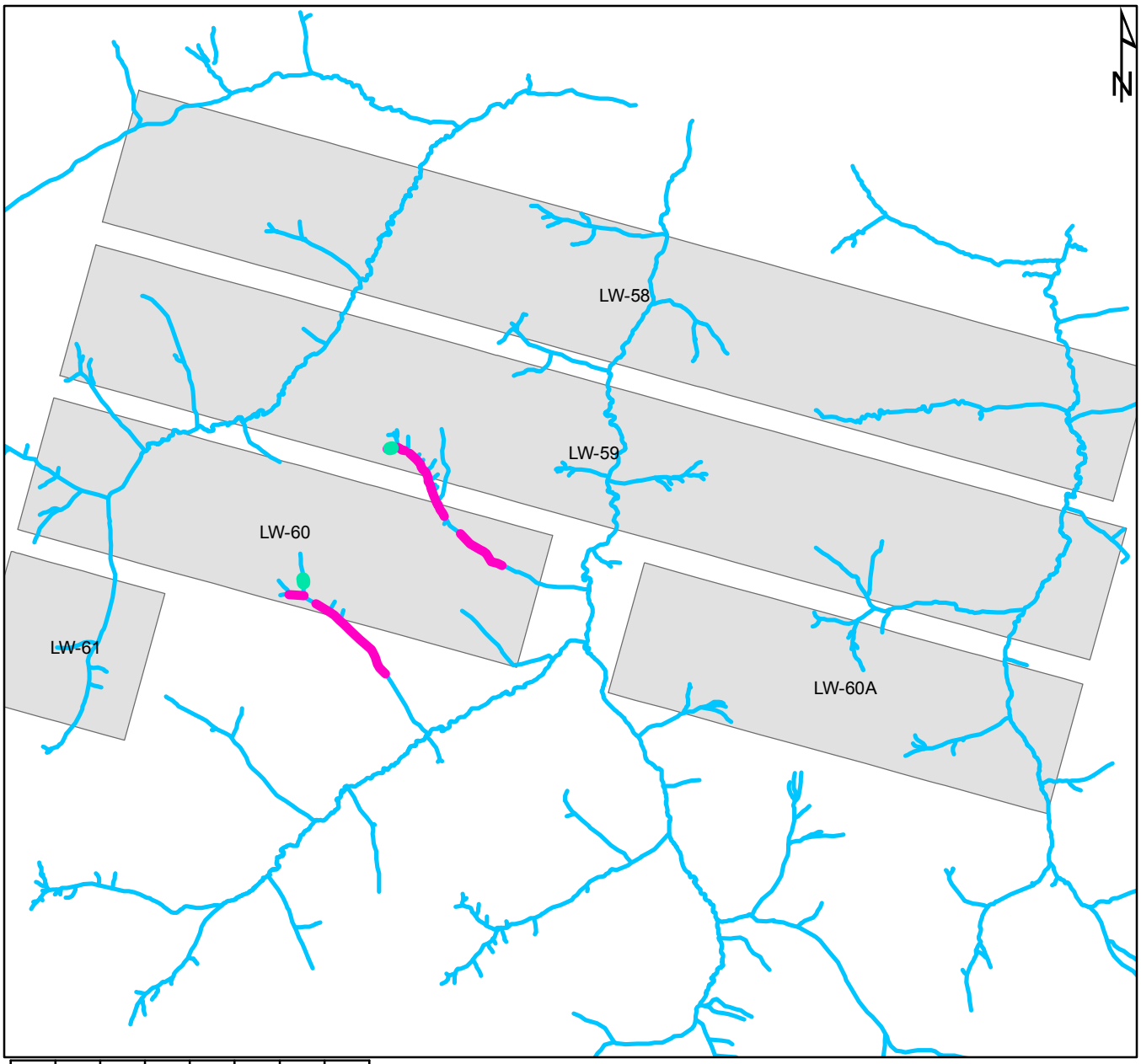
- Minimum Length (Dry Season)
- Maximum Length (Dry Season)
- Streams
- Longwall Panel (4th)

Greene County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh

Cumberland Mine, Minimum and Maximum Stream Flow Loss, Wet Season



Map Key

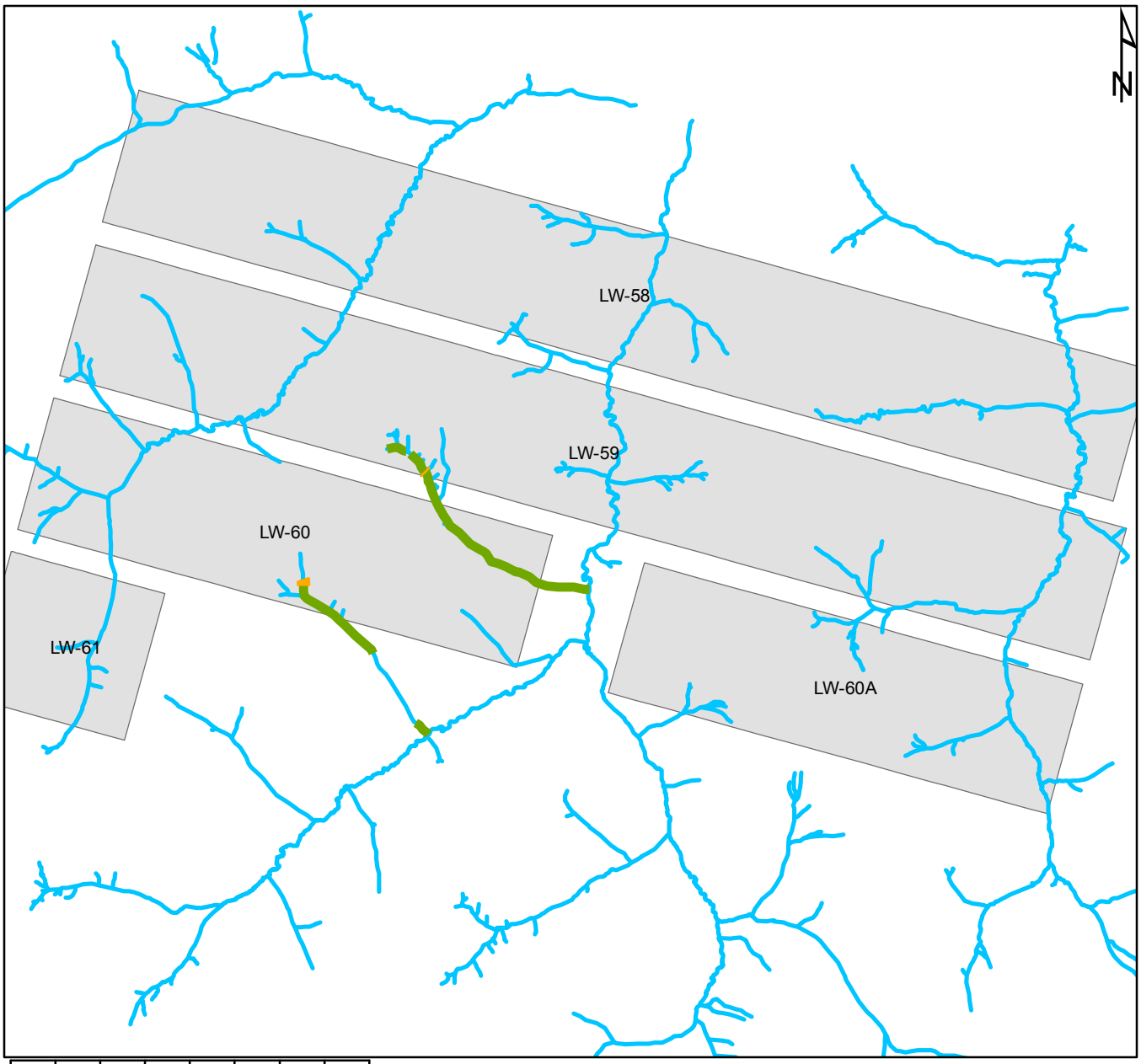
- Minimum Length (Wet Season)
- Maximum Length (Wet Season)
- Streams
- Longwall Panel (4th)

Greene County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh

Cumberland Mine, Minimum and Maximum Stream Flow Loss, Dry Season



Map Key

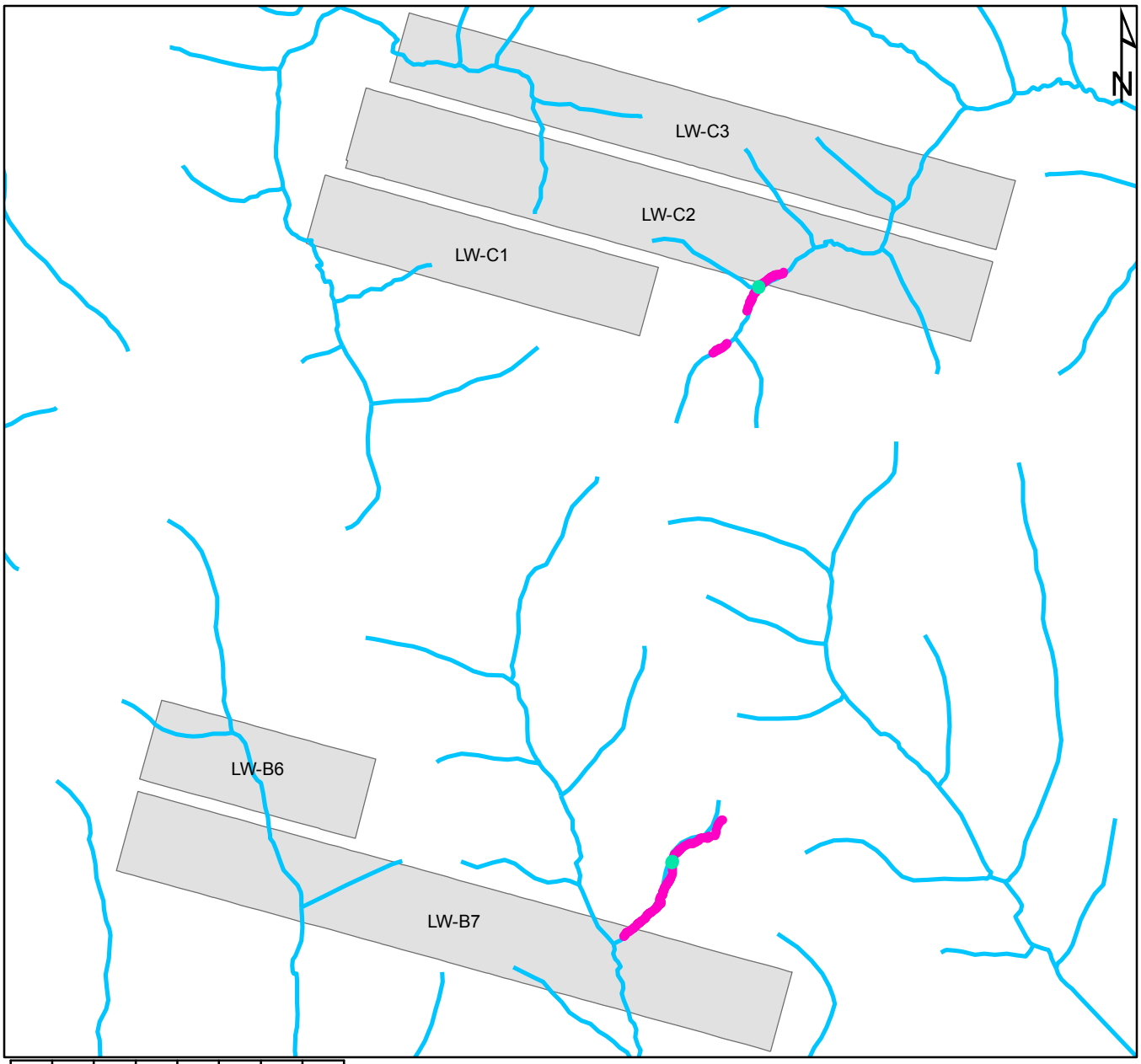
- Minimum Length (Dry Season)
- Maximum Length (Dry Season)
- Streams
- Longwall Panel (4th)

Greene County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

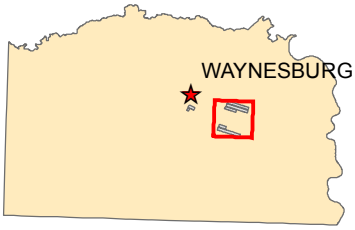
Prepared by:
University of Pittsburgh

Emerald Mine, Minimum and Maximum Stream Flow Loss, Dry Season



Map Key

- Minimum Length (Wet Season)
- Maximum Length (Wet Season)
- Streams
- Longwall Panel (4th)

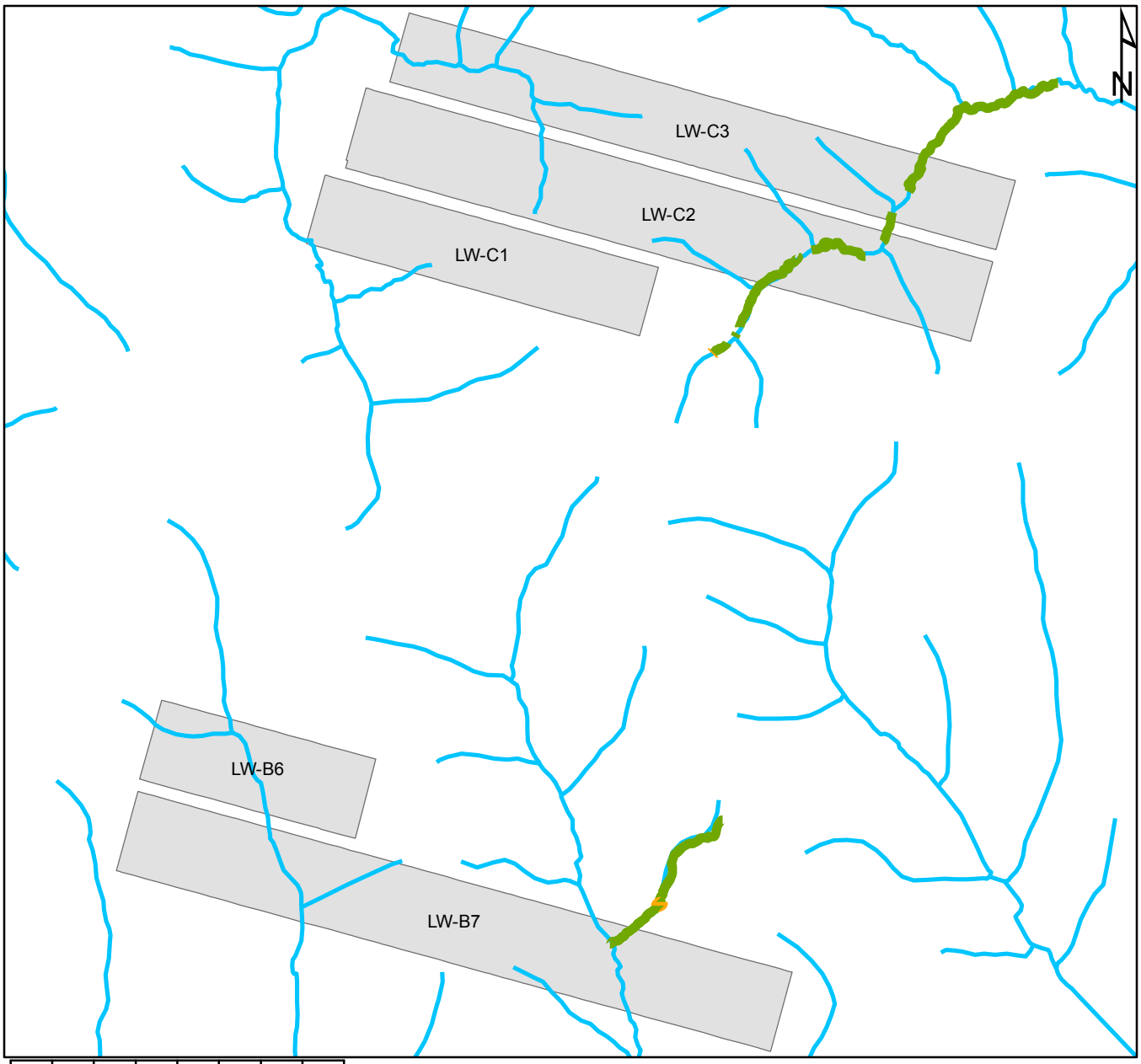


Greene County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

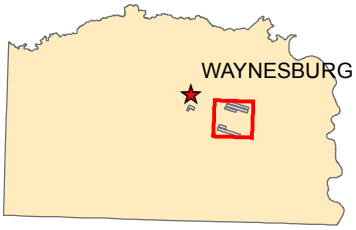
Prepared by:
University of Pittsburgh

Emerald Mine, Minimum and Maximum Stream Flow Loss, Dry Season



Map Key

- Minimum Length (Dry Season)
- Maximum Length (Dry Season)
- Streams
- Longwall Panel (4th)

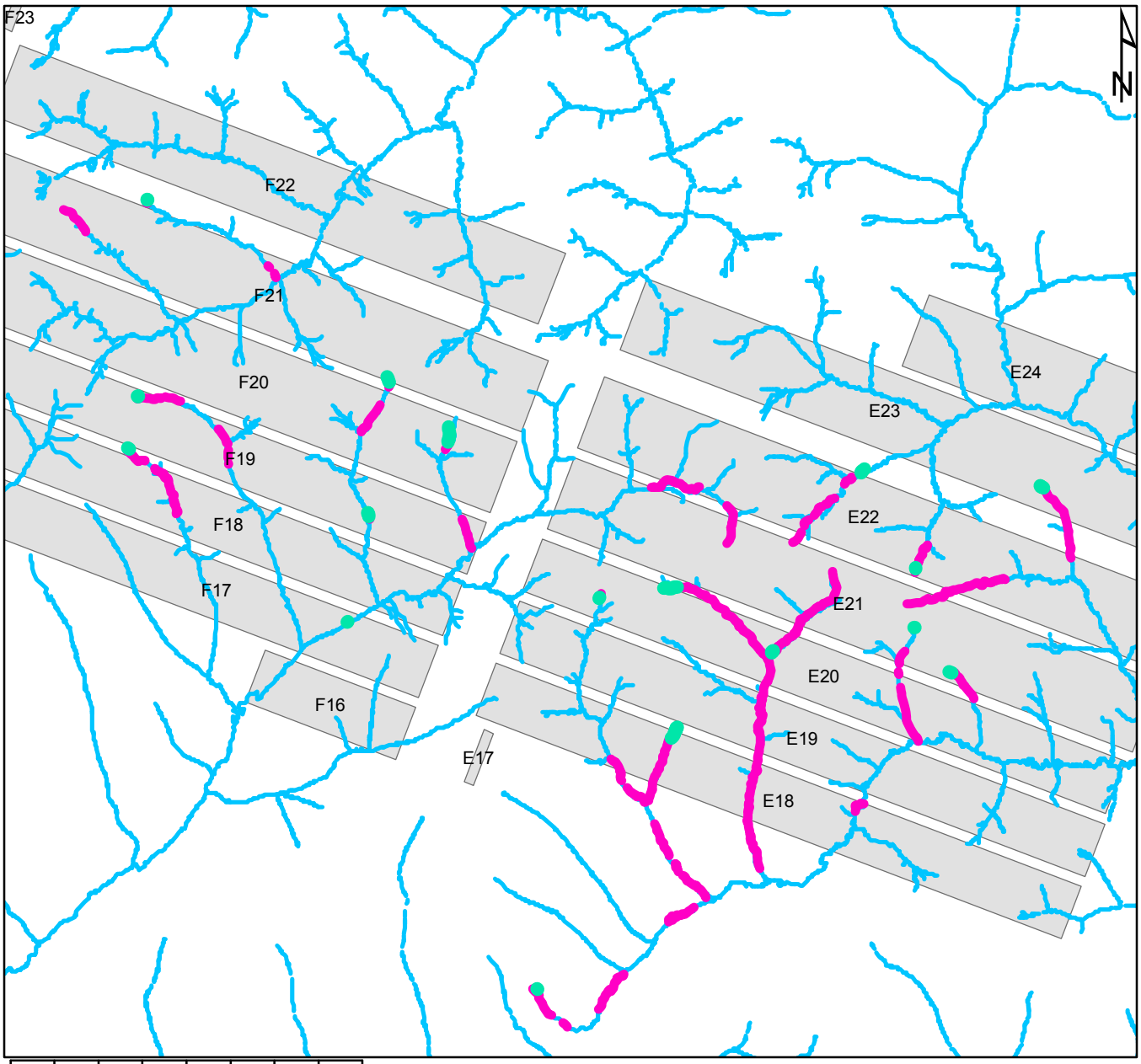


Greene County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh

Enlow Fork Mine, Minimum and Maximum Stream Flow Loss, Wet Season



Map Key

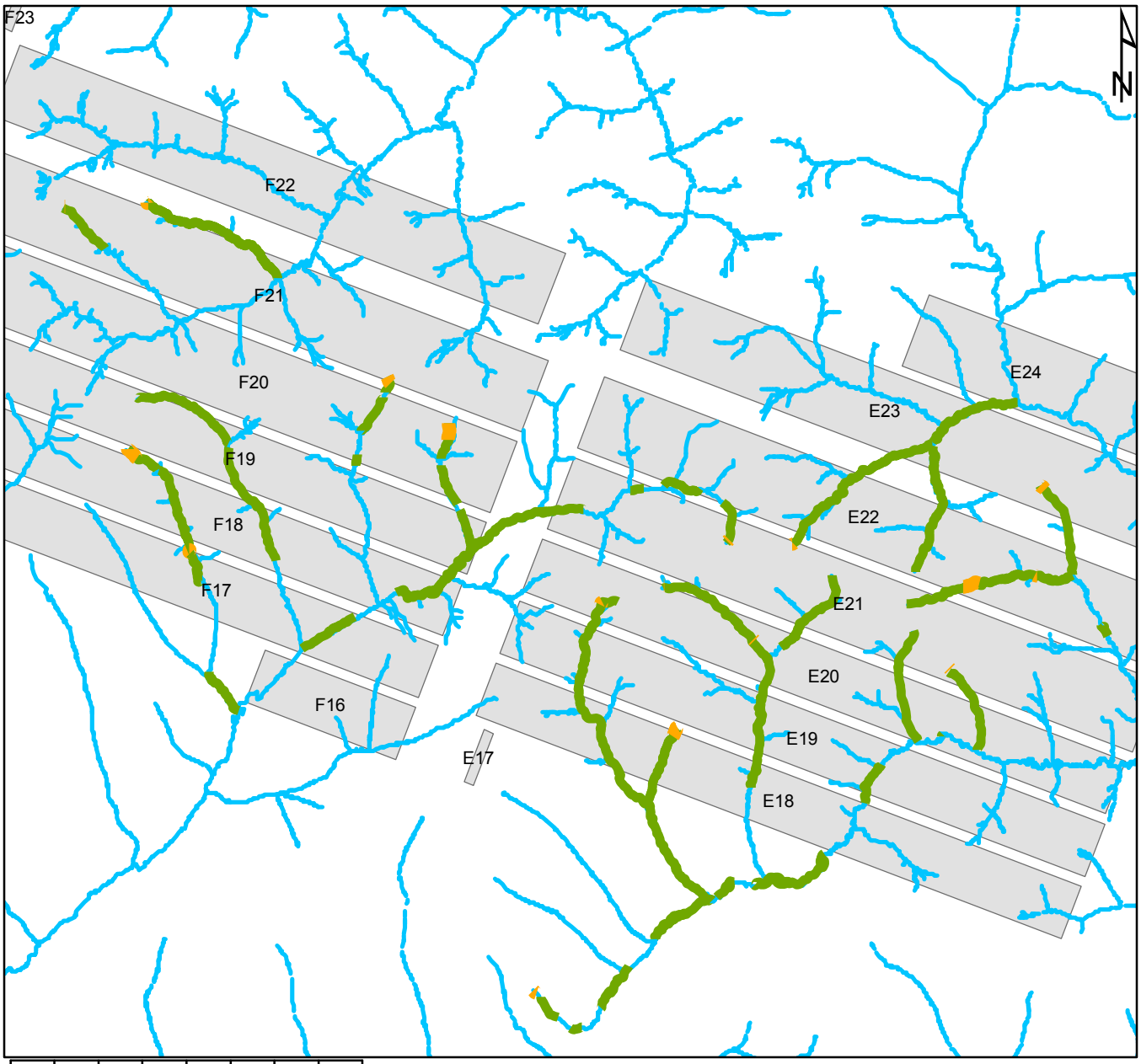
- Minimum Length (Wet Season)
- Maximum Length (Wet Season)
- Streams
- Longwall Panel (4th)

Washington County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh

Enlow Fork Mine, Minimum and Maximum Stream Flow Loss, Dry Season



Map Key

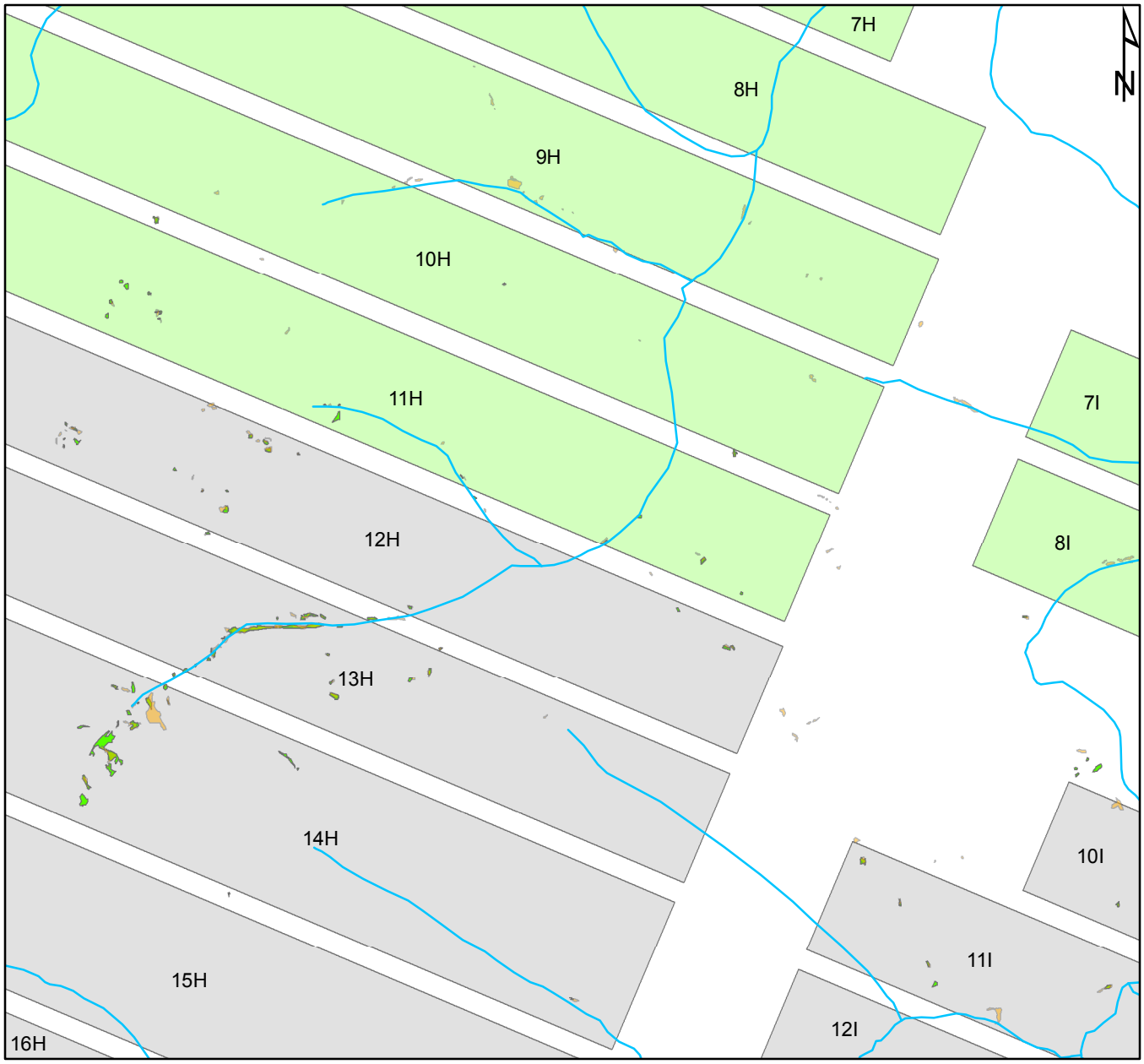
- Minimum Length (Dry Season)
- Maximum Length (Dry Season)
- Streams
- Longwall Panel (4th)

Washington County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh

Bailey Mine
Wetlands



0 0.175 0.35 0.7 Miles

Map Key

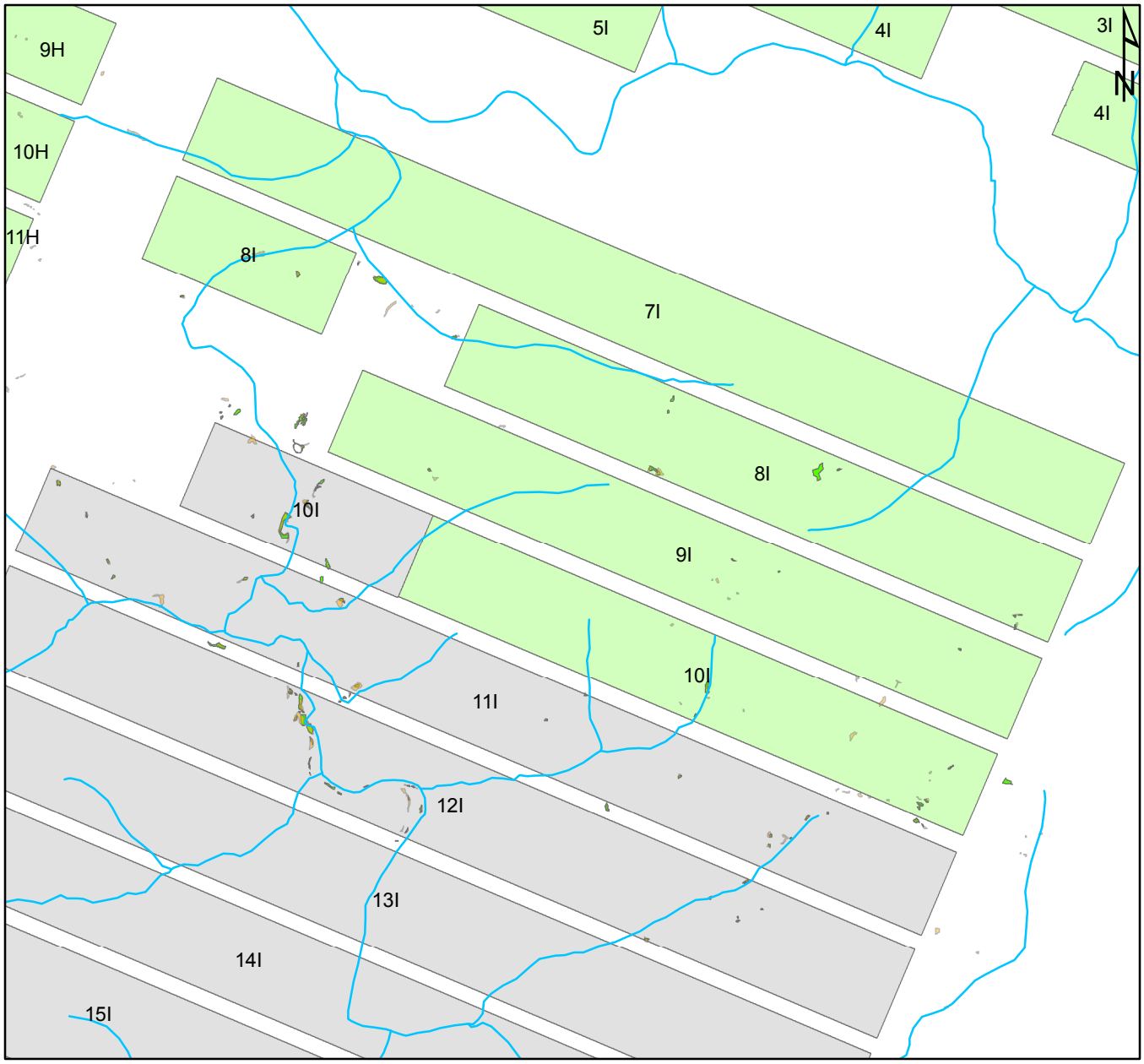
- Streams
- Post-mining wetlands
- Pre-mining wetlands
- Longwall Panel (4th)
- Longwall Panel (3rd)

Greene County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh

Bailey Mine
Wetlands



0 0.225 0.45 0.9 Miles

Map Key

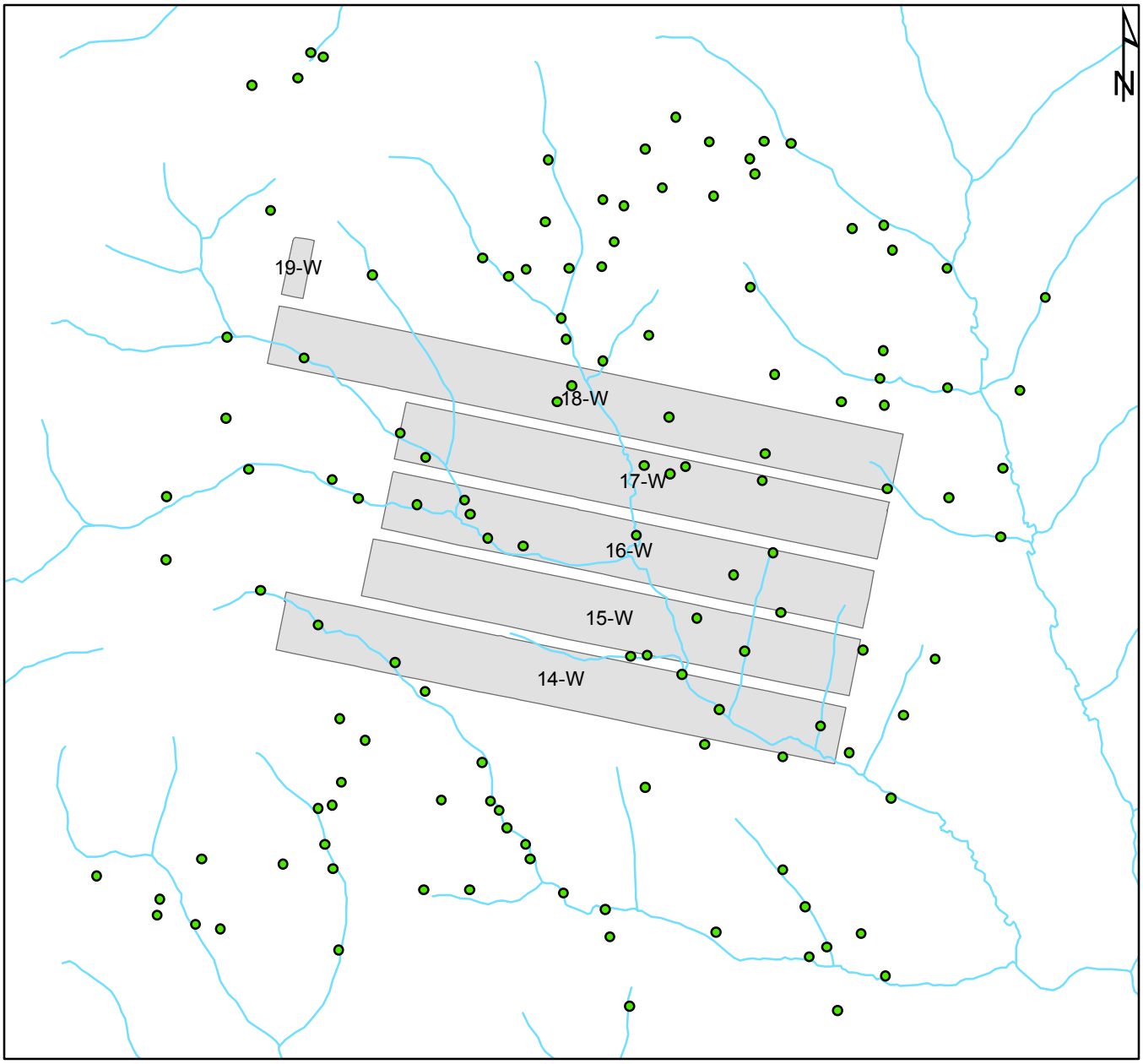
- Streams
- Post-mining wetlands
- Pre-mining wetlands
- Longwall Panel (4th)
- Longwall Panel (3rd)

Greene County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh

Blacksville 2 Mine Wetlands



0 0.325 0.65 1.3 Miles

Map Key

- Pre-mining wetlands
- Streams
- Longwall Panel

Greene County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

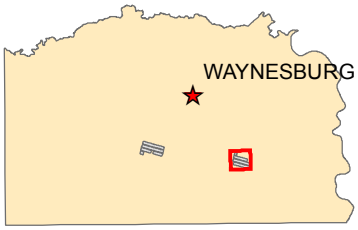
Prepared by:
University of Pittsburgh

Cumberland Mine Wetlands

0 0.15 0.3 0.6 Miles

Map Key

- Streams
- Pre-mining wetlands
- Post-mining wetlands
- Longwall Panel (4th)



Greene County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

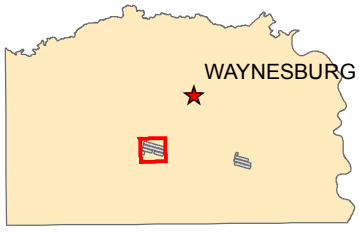
Prepared by:
University of Pittsburgh

Cumberland Mine Wetlands

0 0.175 0.35 0.7 Miles

Map Key

- Streams
- Pre-mining wetlands
- Post-mining wetlands
- Longwall Panel (4th)

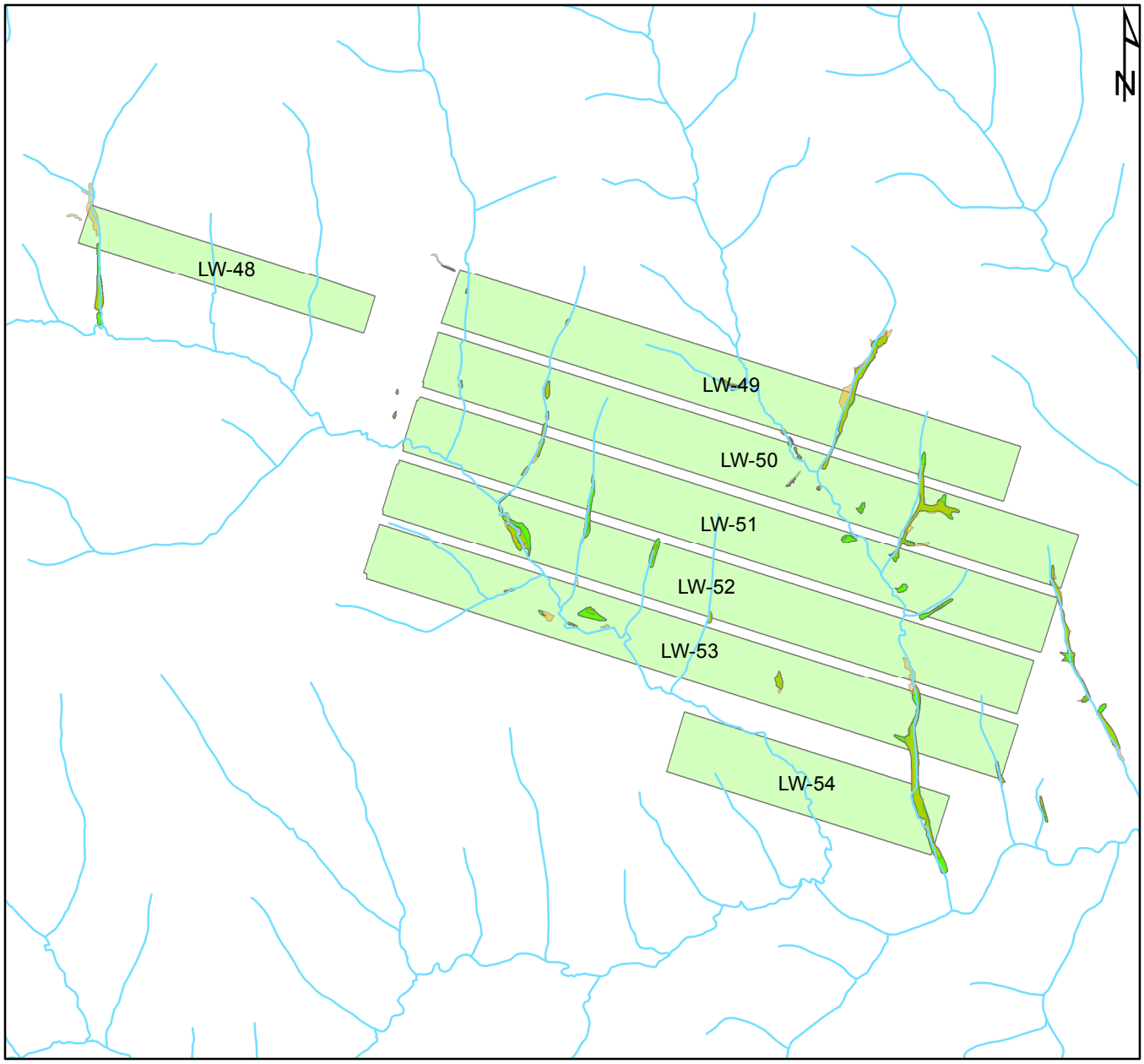


Greene County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh

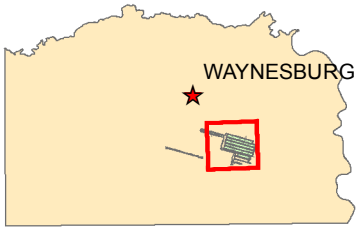
Cumberland Mine Wetlands



0 0.375 0.75 1.5 Miles

Map Key

- Streams
- Post-mining wetlands
- Pre-mining wetlands
- Longwall Panels (3rd)



Greene County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

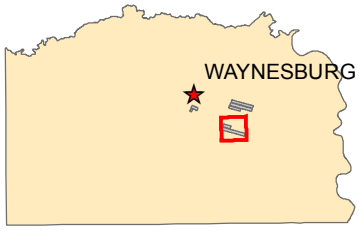
Prepared by:
University of Pittsburgh

Emerald Mine Wetlands

0 0.175 0.35 0.7 Miles

Map Key

- Streams
- Post-mining wetlands
- Pre-mining wetlands
- Longwall Panel (4th)



Greene County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

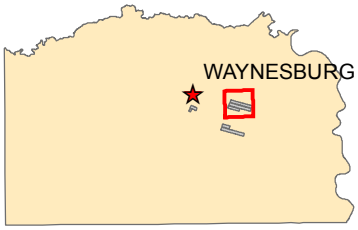
Prepared by:
University of Pittsburgh

Emerald Mine Wetlands

0 0.2 0.4 0.8 Miles

Map Key

- Streams
- Post-mining wetlands
- Pre-mining wetlands
- Longwall Panel (4th)

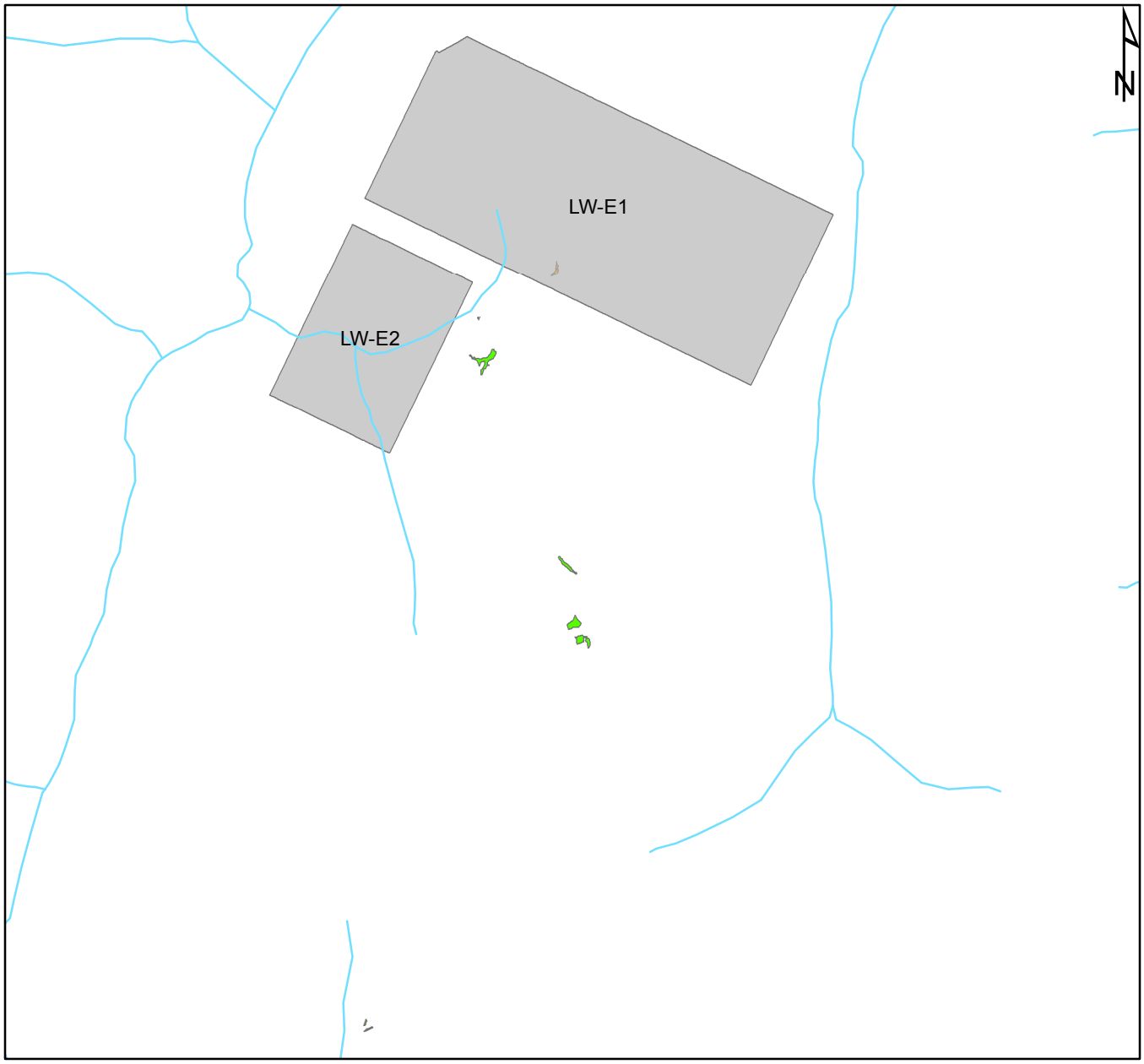


Greene County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh

Emerald Mine Wetlands



0 0.125 0.25 0.5 Miles

Map Key

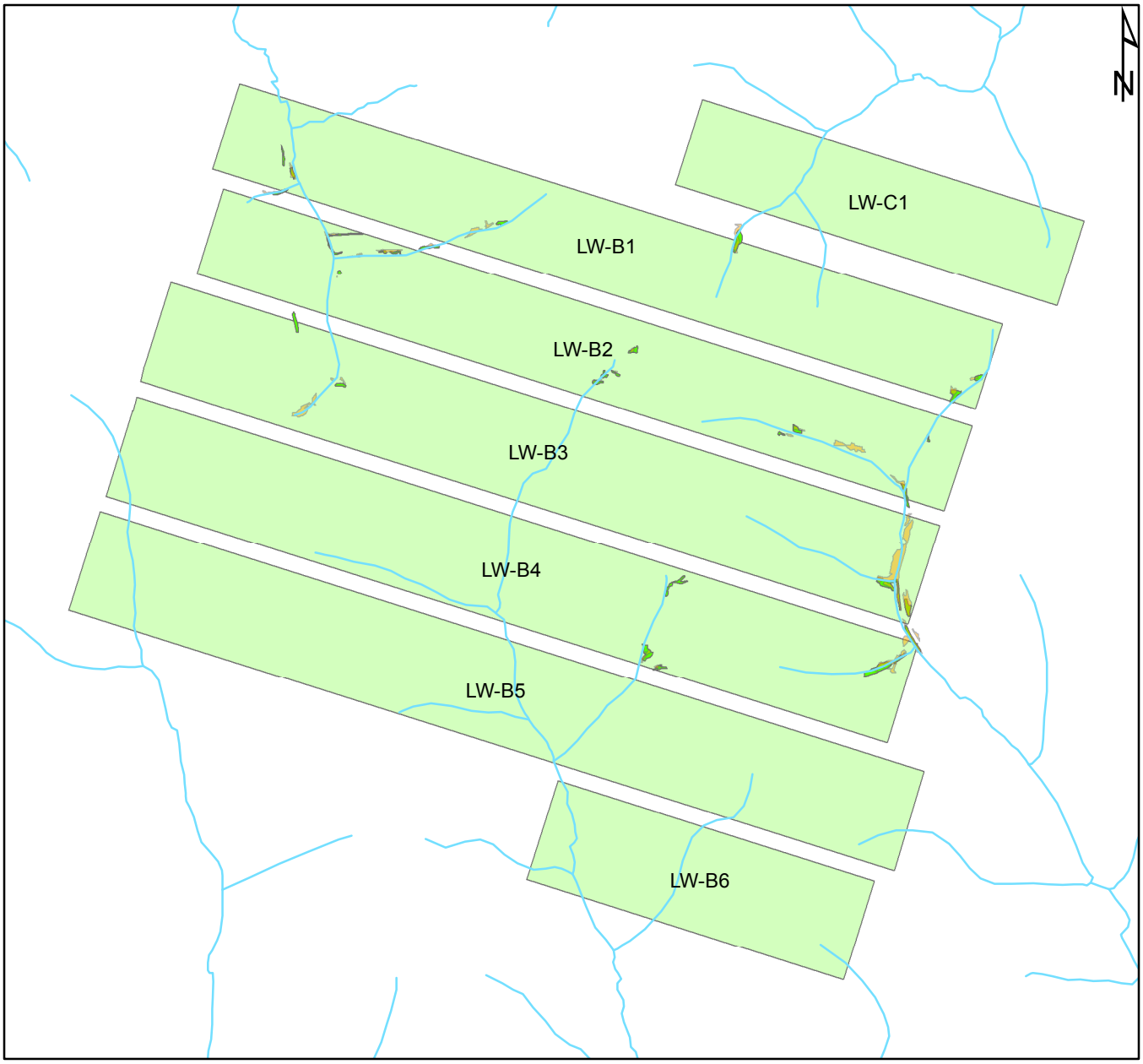
- Streams
- Post-mining wetlands
- Pre-mining wetlands
- Longwall Panel (4th)

Greene County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh

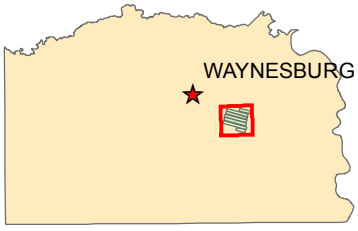
Emerald Mine Wetlands



0 0.225 0.45 0.9 Miles

Map Key

- Streams
- Post-mining wetlands
- Pre-mining wetlands
- Longwall Panel (3rd)

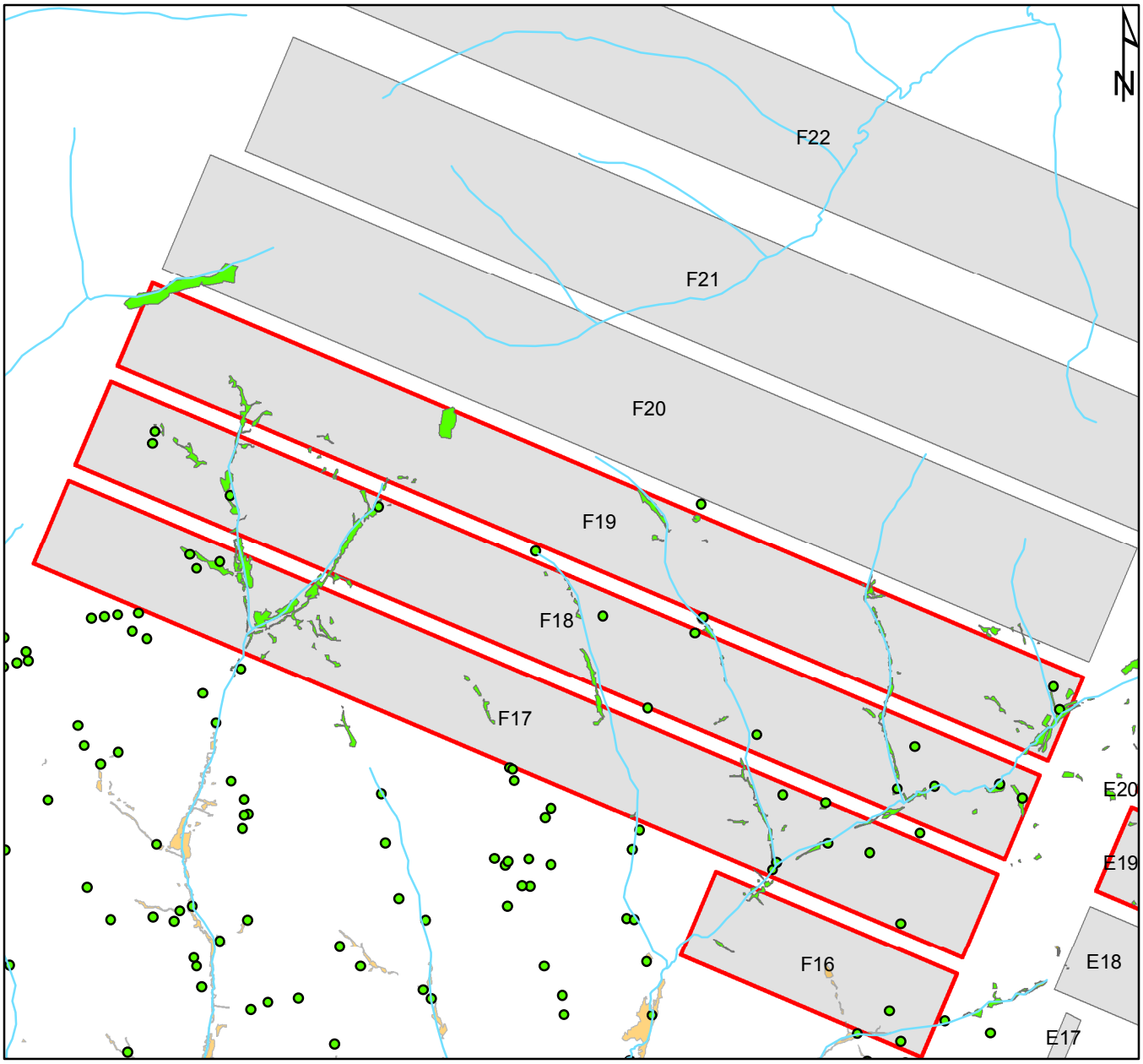


Greene County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh

Enlow Fork Mine Wetlands



Map Key

- Streams
- Pre-mining wetlands
- Post-mining wetlands
- Post-mining wetlands
- Pre-mining wetlands
- No post-mining survey
- Longwall Panel (4th)

Washington County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh

Enlow Fork Mine
Wetlands

0 0.2 0.4 0.8 Miles

Map Key

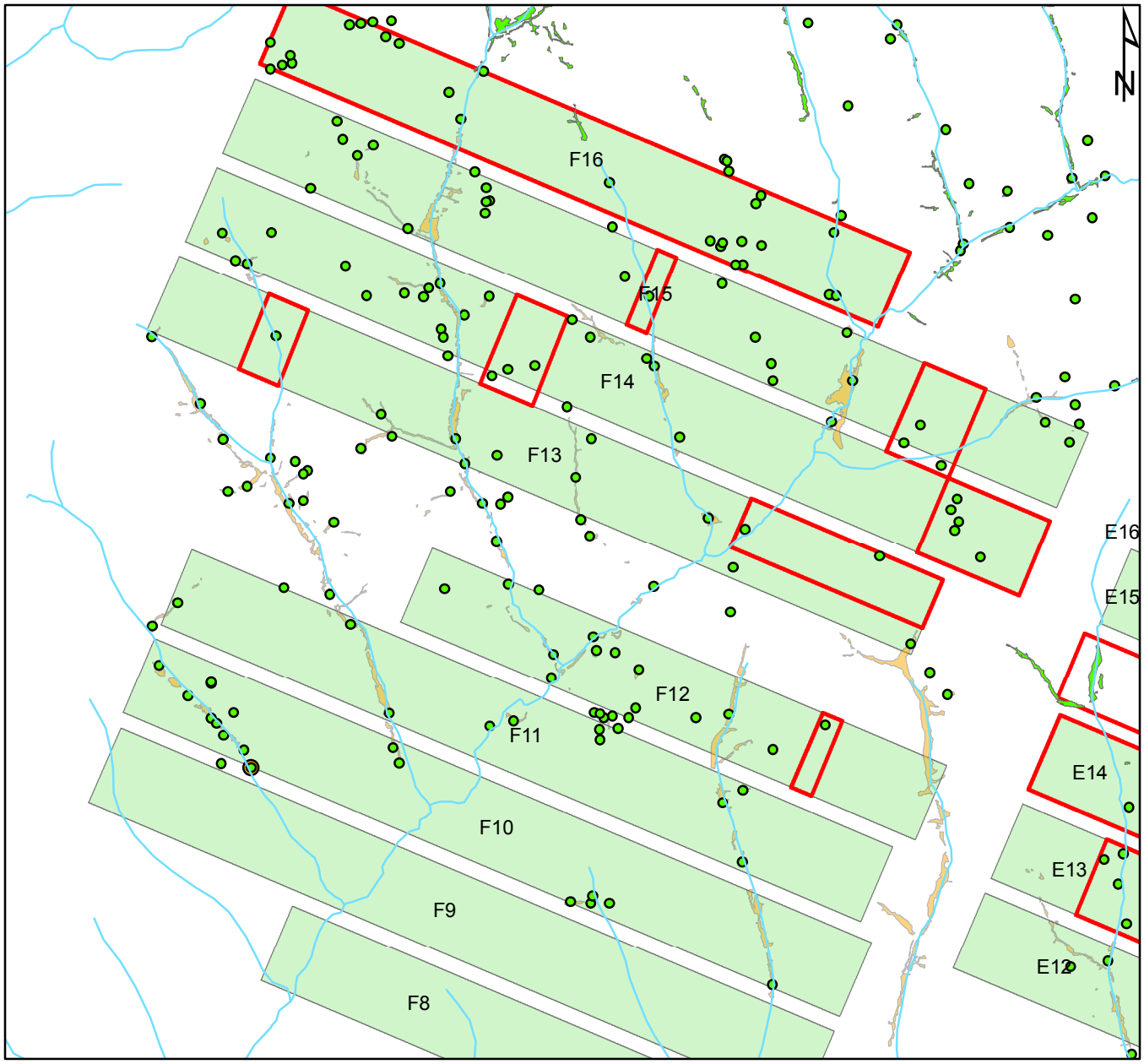
- Streams
- Pre-mining wetlands
- Post-mining wetlands
- Post-mining wetlands
- Pre-mining wetlands
- No post-mining survey
- Longwall Panel (4th)

Washington County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh

Enlow Fork Mine
Wetlands



0 0.25 0.5 1 Miles

Map Key

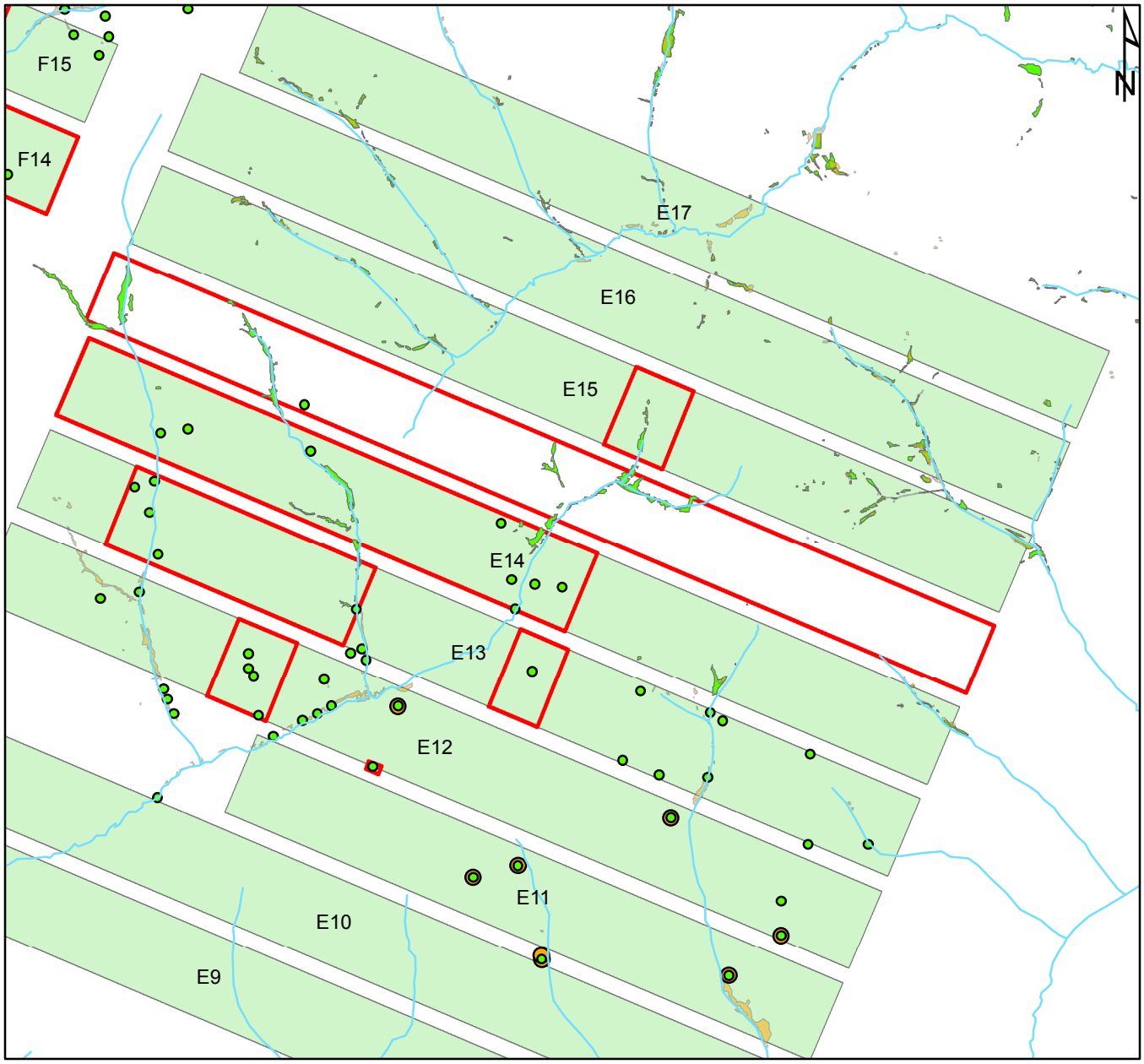
- Streams
- Pre-mining wetlands
- Post-mining wetlands
- Post-mining wetlands
- Pre-mining wetlands
- No post-mining survey
- Longwall Panel (3rd)

Washington County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh

Enlow Fork Mine
Wetlands



0 0.25 0.5 1 Miles

Map Key

- Streams
- Pre-mining wetlands
- Post-mining wetlands
- Post-mining wetlands
- Pre-mining wetlands
- No post-mining survey
- Longwall Panel (3rd)

Washington County

Prepared for:
Pennsylvania Department of Environmental Protection (DEP)

Prepared by:
University of Pittsburgh