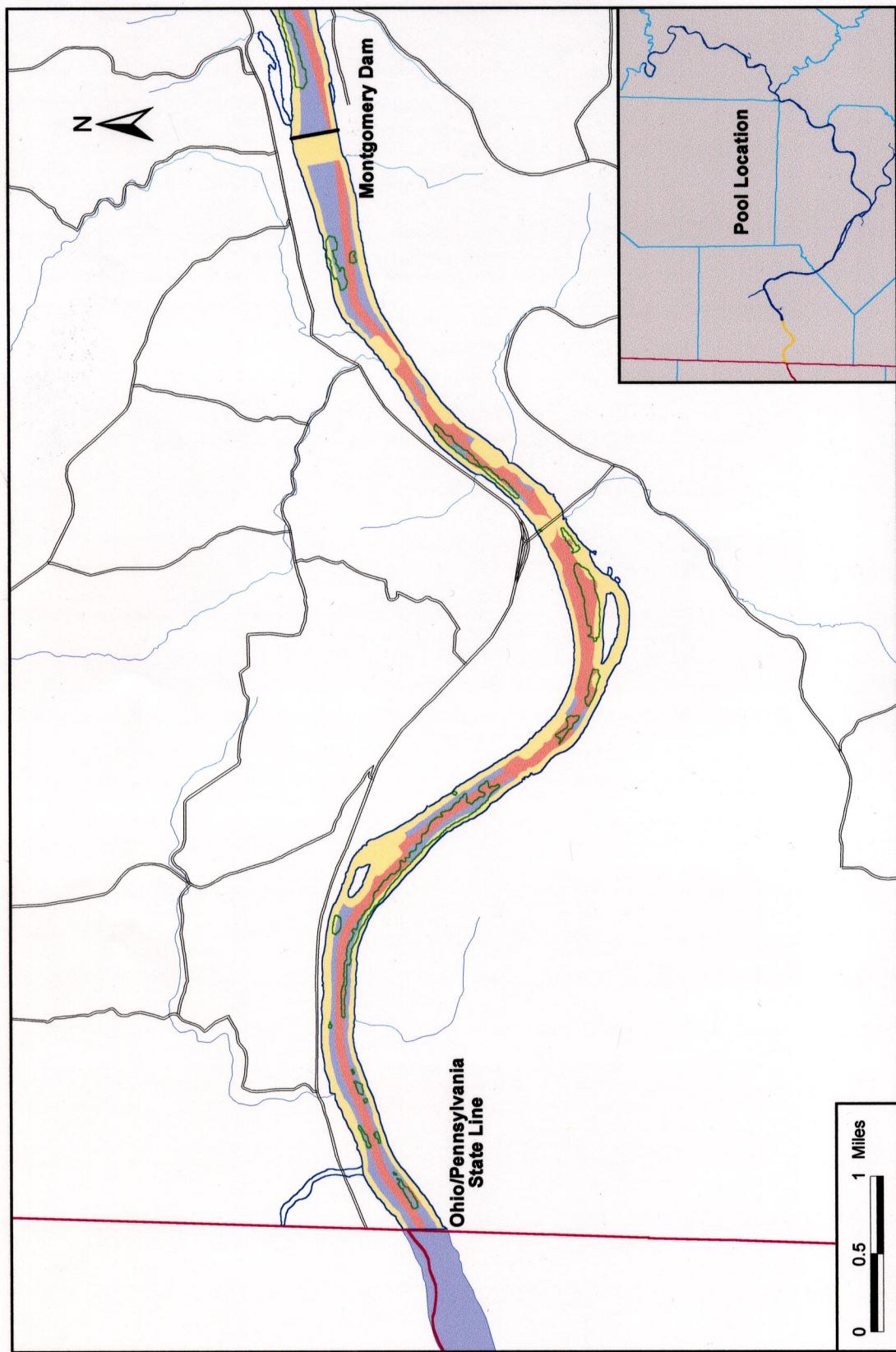


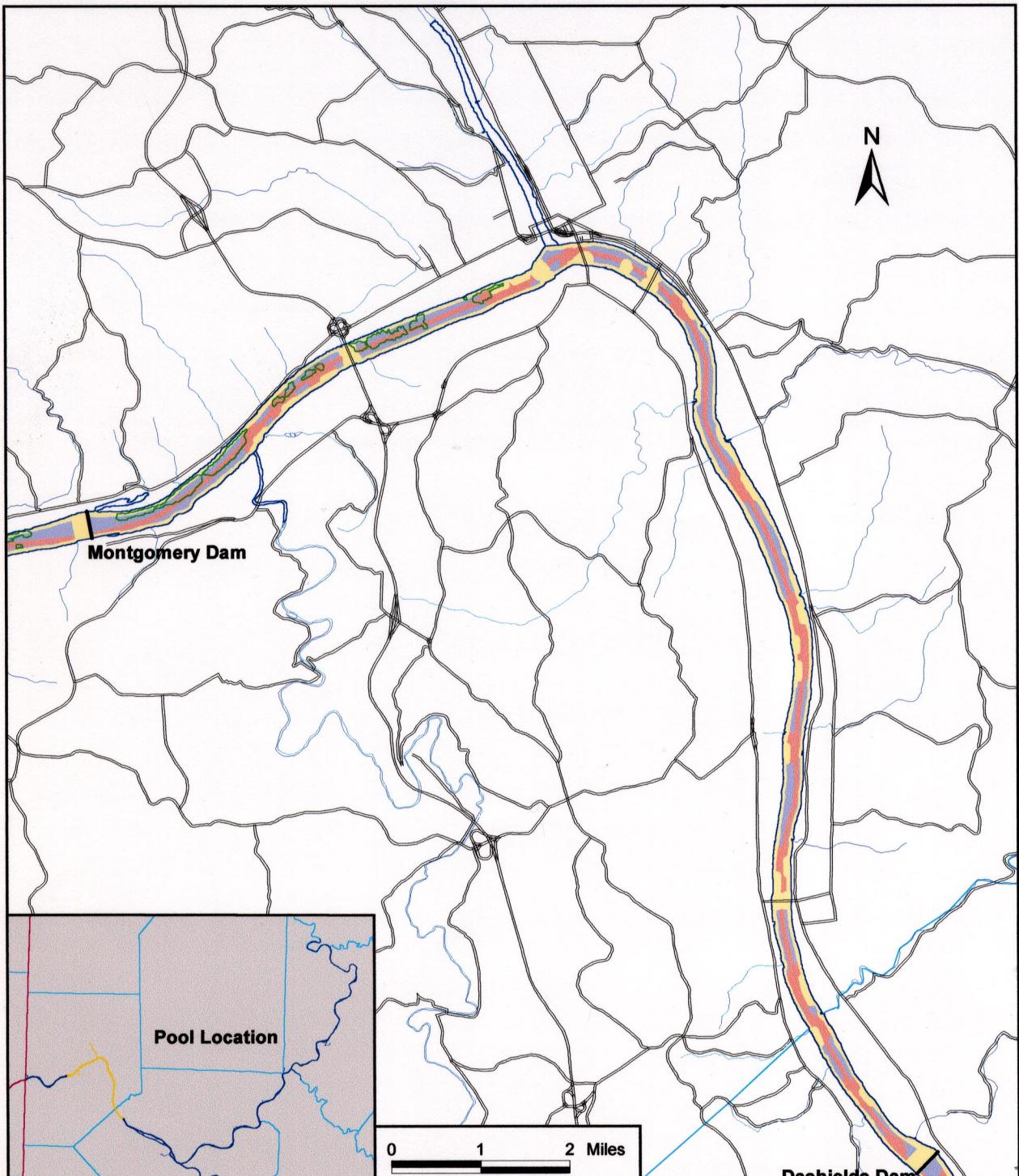
## **Appendix A**

### **Dredged and Undredged Areas by Navigation Pool in the Study Area**



**Ohio River New Cumberland Pool**

Figure A-1



#### LEGEND

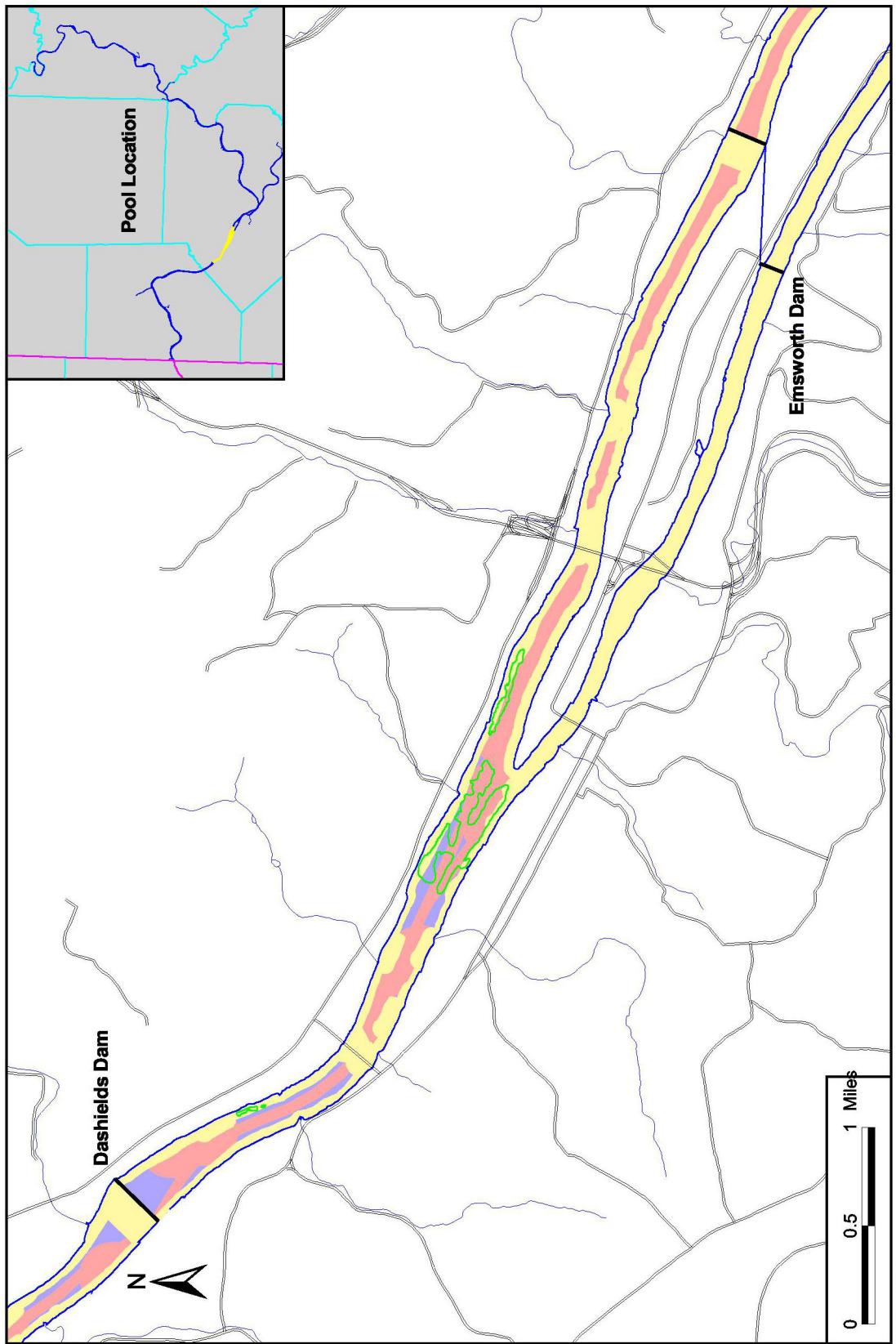
- [Yellow] No Dredging Allowed
- [Light Blue] Area may meet all permit conditions (with the most restrictive buffer zones applied to all resources)
- [Red] Area may meet all permit conditions, with the exception of navigational channel buffer zone restriction (less restrictive buffer zones applied to other resources, as well)
- [Dark Blue] Maximum total area available for dredging

## Ohio River Montgomery Pool

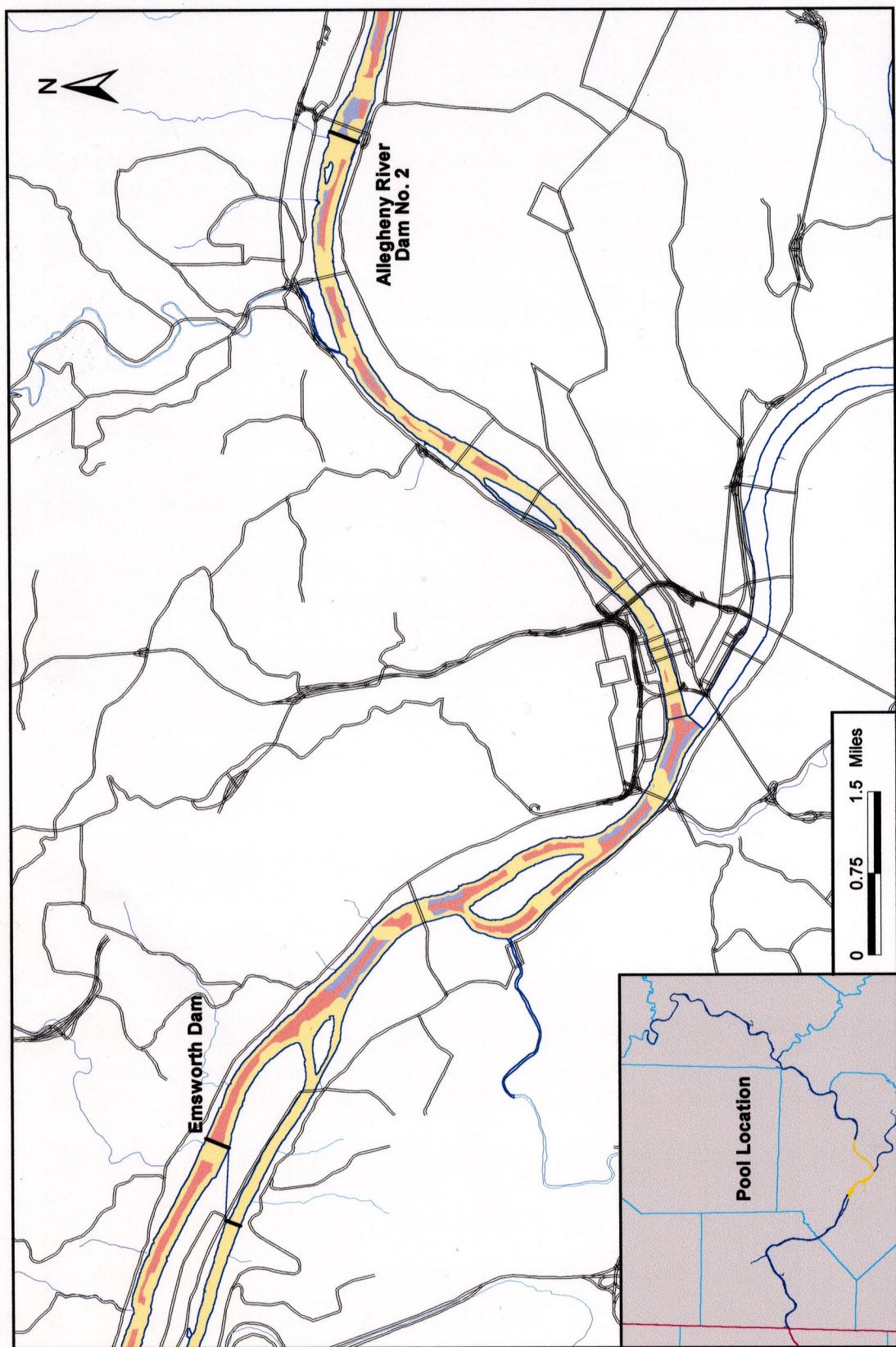
- [Green line] Historically Dredged Area
- [Black line] County Boundary
- [Black line] Road
- [Blue line] Riverbank
- [Blue line] Tributary

Source: PADEP, 1999.

**Figure A-2**



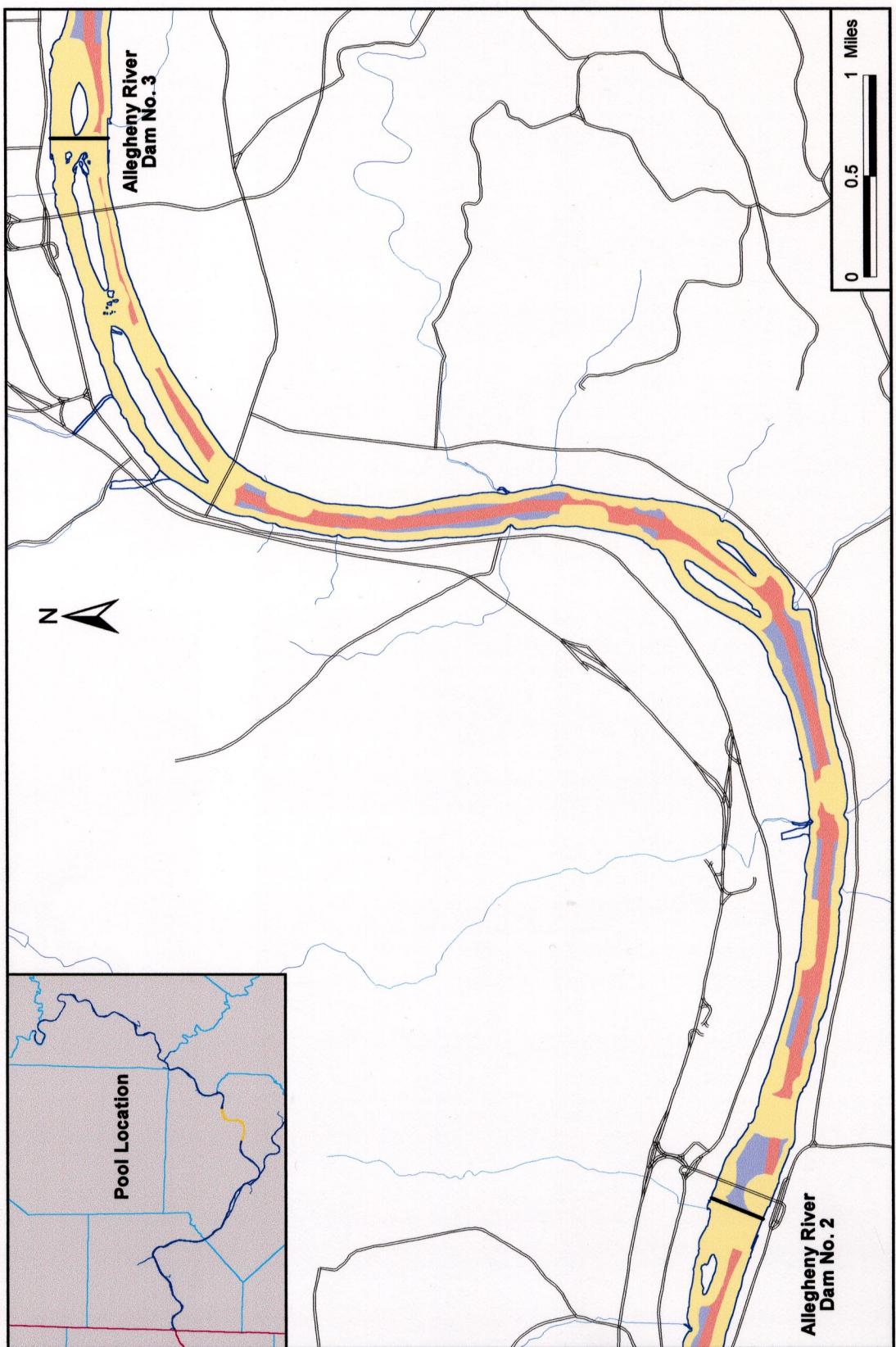
**Figure A-3**



## Ohio/Allegheny Rivers Emsworth Pool

Dam  
 Riverbank  
 County Boundary  
 Road  
 Tributary  
 Source: PADEP, 1999.

Figure A-4



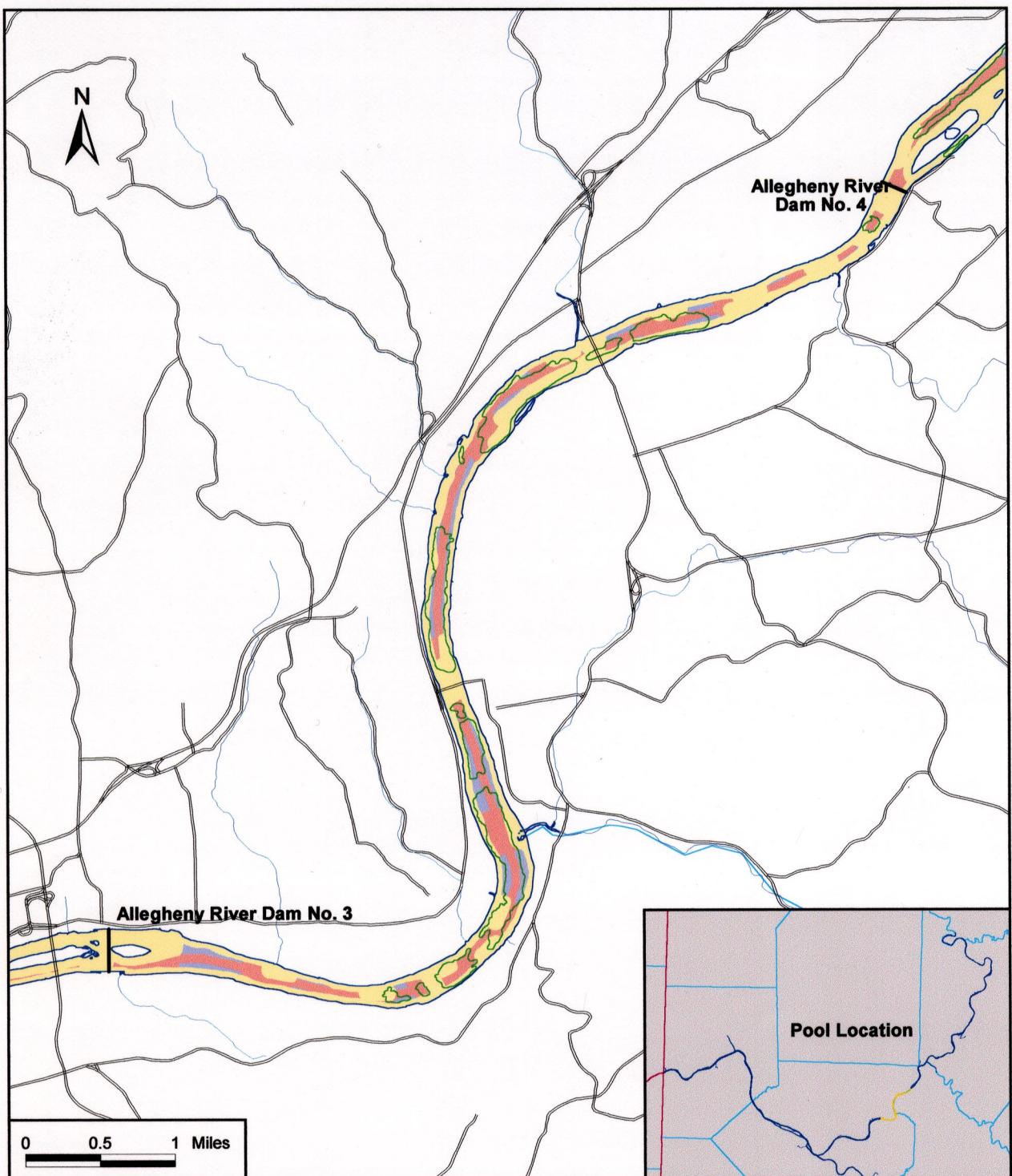
**Allegheny River Pool No. 2**

Figure A-5

Dam  
 Riverbank  
 Road  
 Tributary  
 Historically Dredged Area  
 County Boundary  
 Source: PADEP, 1999

**LEGEND**

- No Dredging Allowed
- Area may meet all permit conditions (with the most restrictive buffer zones applied to all resources)
- Area may meet all permit conditions, with the exception of navigational channel buffer zone restriction (less restrictive buffer zones applied to other resources, as well)
- + Maximum total area available for dredging



#### LEGEND

- [Yellow square] No Dredging Allowed
- [Light Blue square] Area may meet all permit conditions (with the most restrictive buffer zones applied to all resources)
- [Red square] Area may meet all permit conditions, with the exception of navigational channel buffer zone restriction (less restrictive buffer zones applied to other resources, as well)
- [Blue square] + [Red square] Maximum total area available for dredging

## Allegheny River Pool No. 3

- [Green line] Historically Dredged Area
- [Black line] Dam
- [Blue line] County Boundary
- [Blue line] Riverbank
- [Black line] Road
- [Blue line] Tributary

Source: PADEP, 1999.

Figure A-6

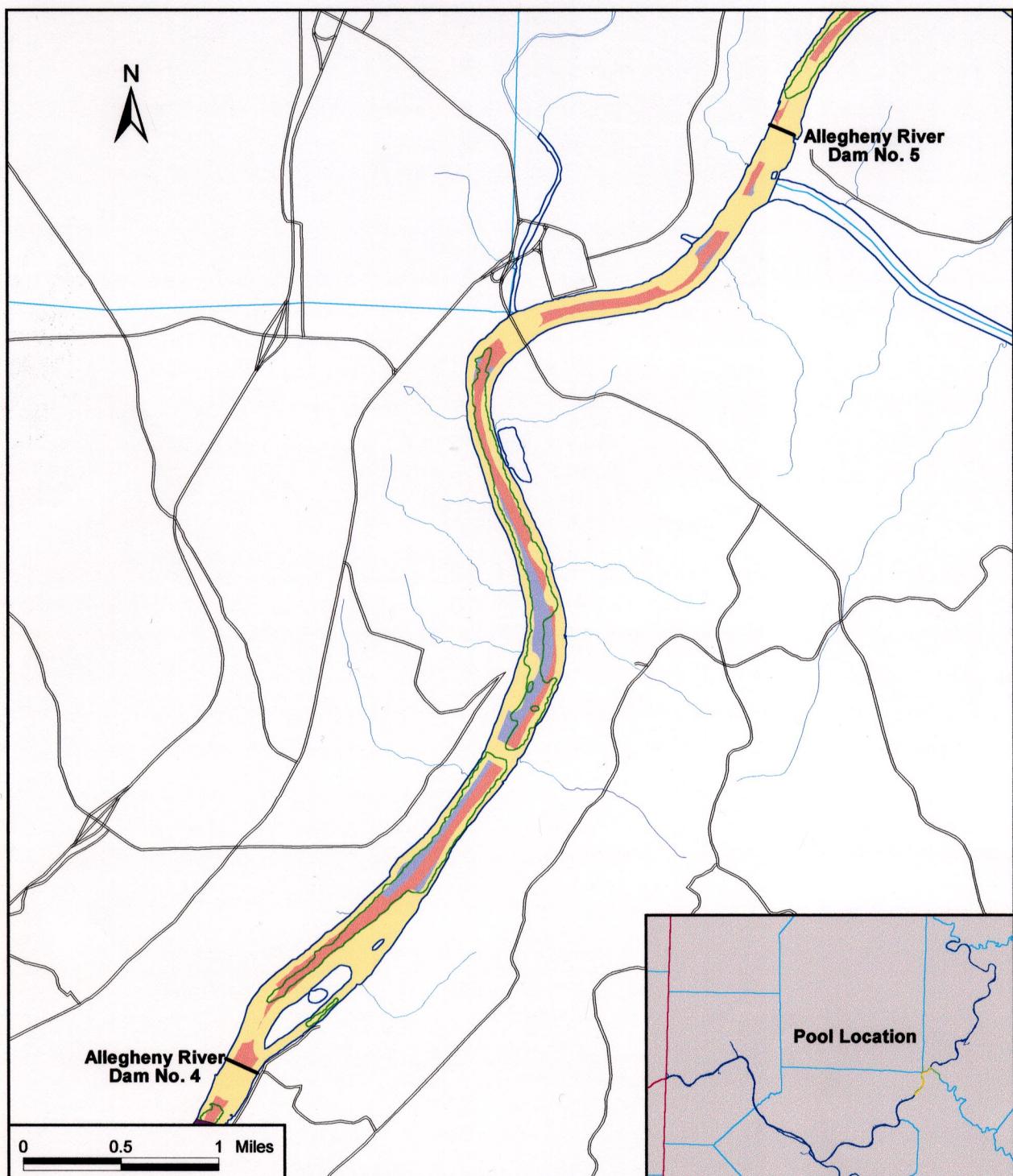
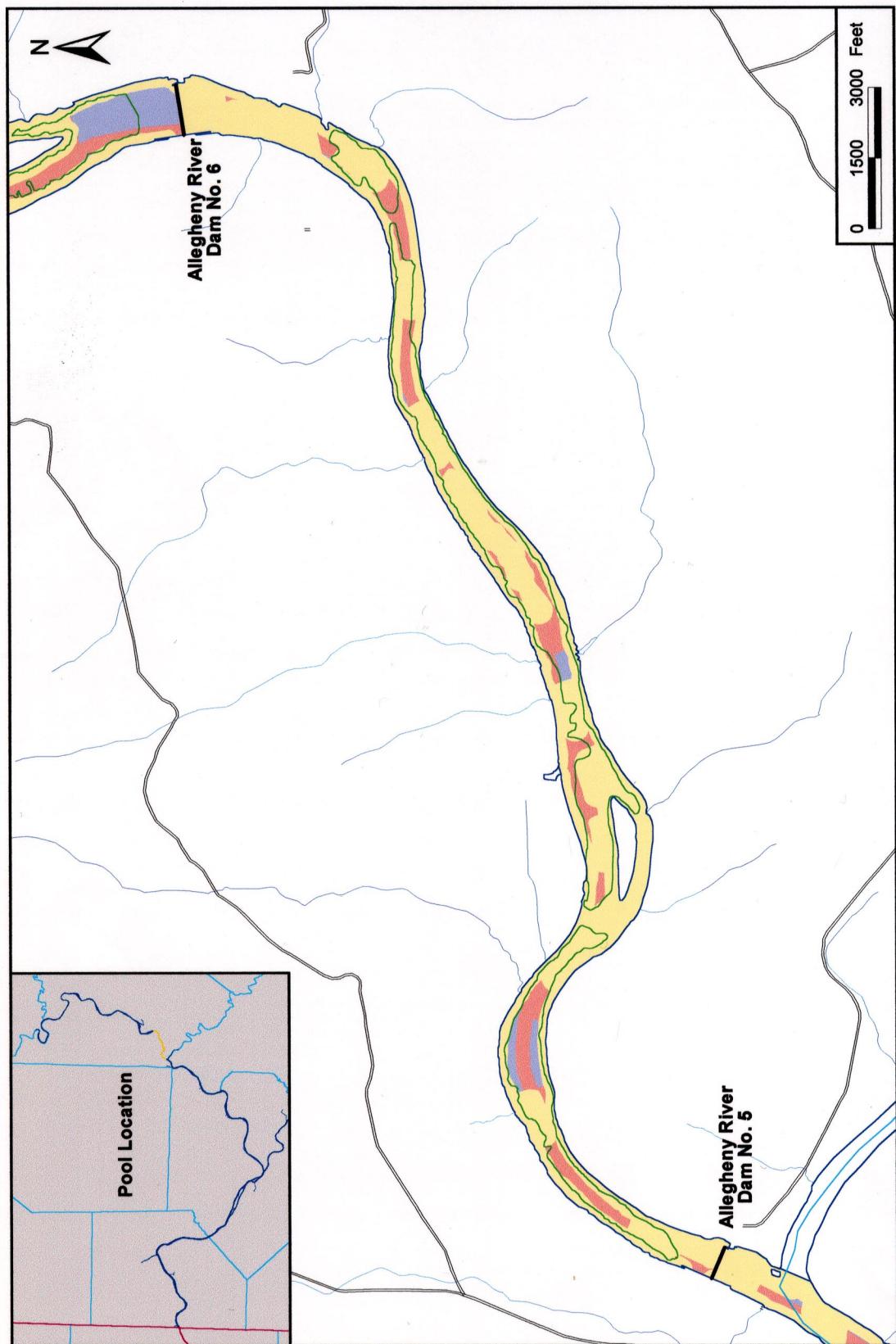
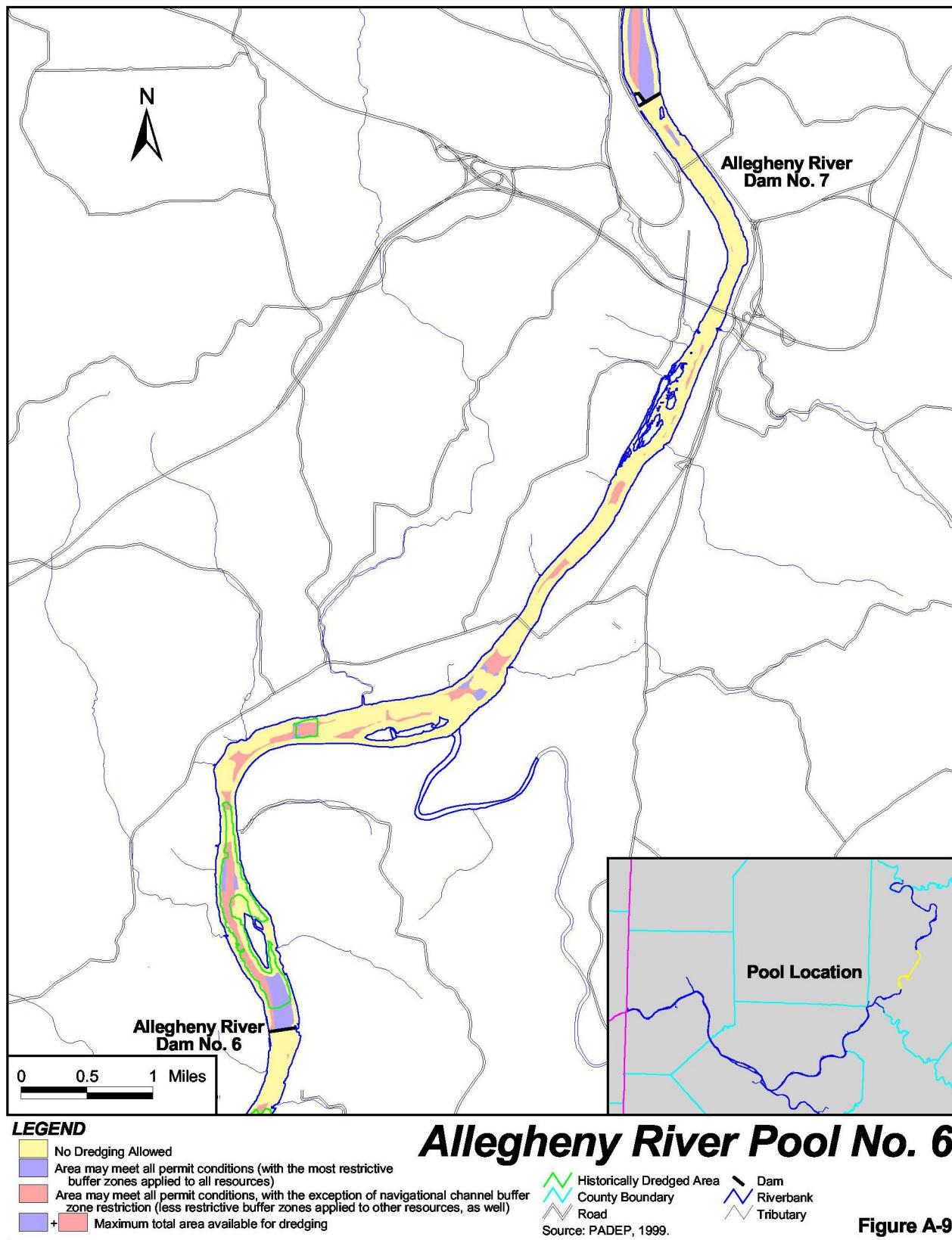


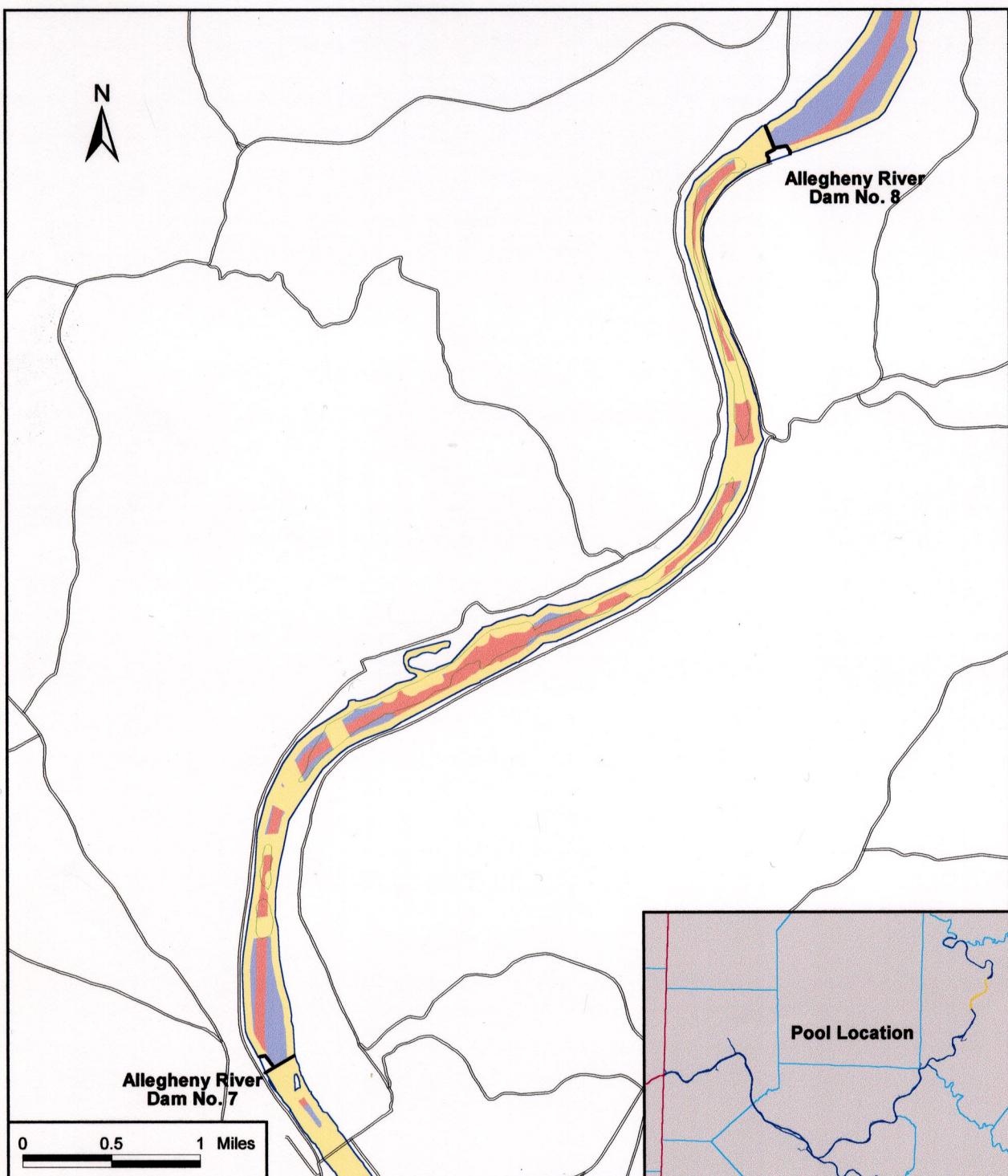
Figure A-7



**Allegheny River Pool No. 5**

**Figure A-8**





#### LEGEND

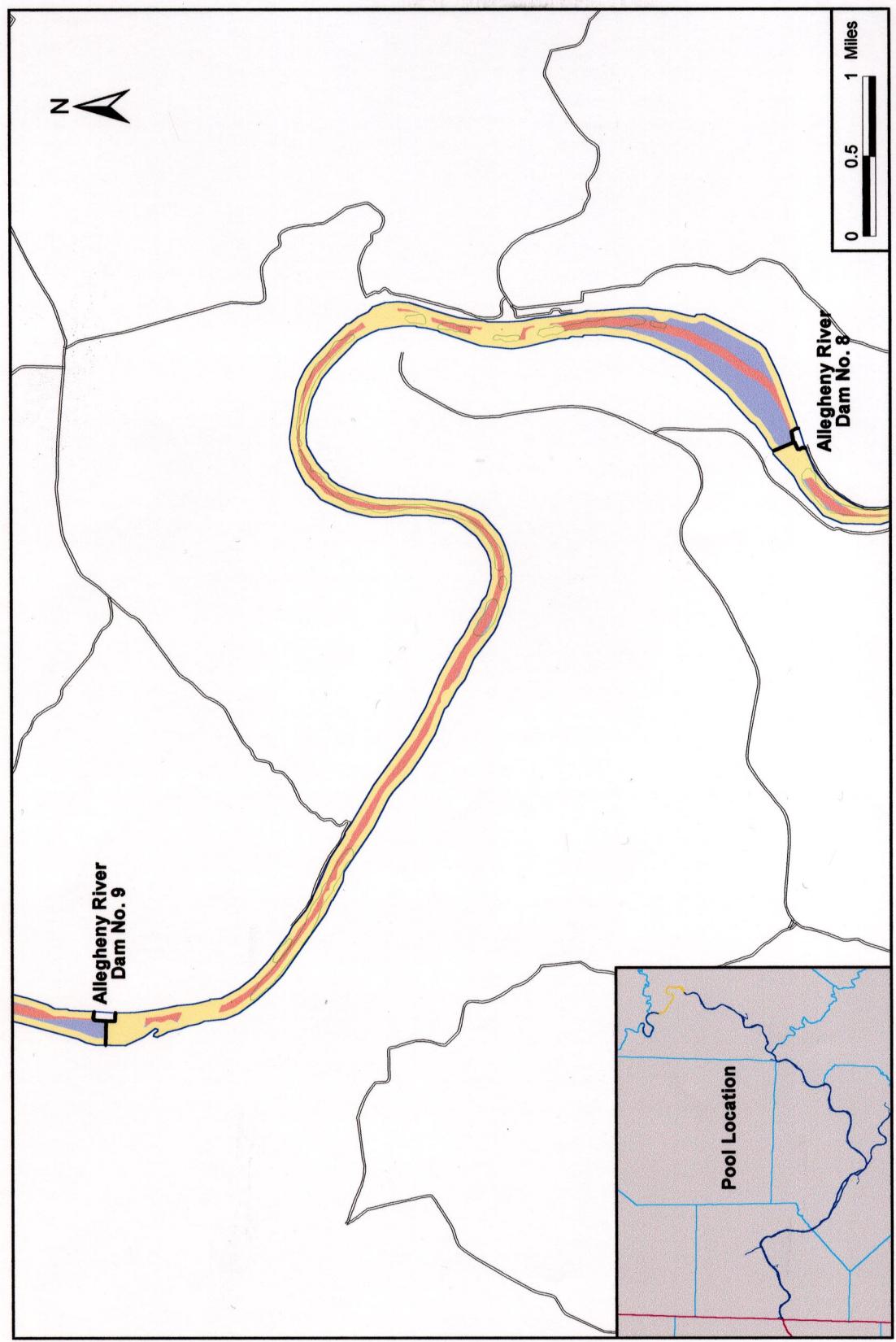
- [Yellow square] No Dredging Allowed
- [Blue square] Area may meet all permit conditions (with the most restrictive buffer zones applied to all resources)
- [Red square] Area may meet all permit conditions, with the exception of navigational channel buffer zone restriction (less restrictive buffer zones applied to other resources, as well)
- [Yellow + Red square] Maximum total area available for dredging

## Allegheny River Pool No. 7

- [Green triangle] Historically Dredged Area
- [Black triangle] Dam
- [Blue line] County Boundary
- [Blue line with diagonal] Riverbank
- [Blue line with diagonal] Road
- [Blue line with diagonal] Tributary

Source: PADEP, 1999.

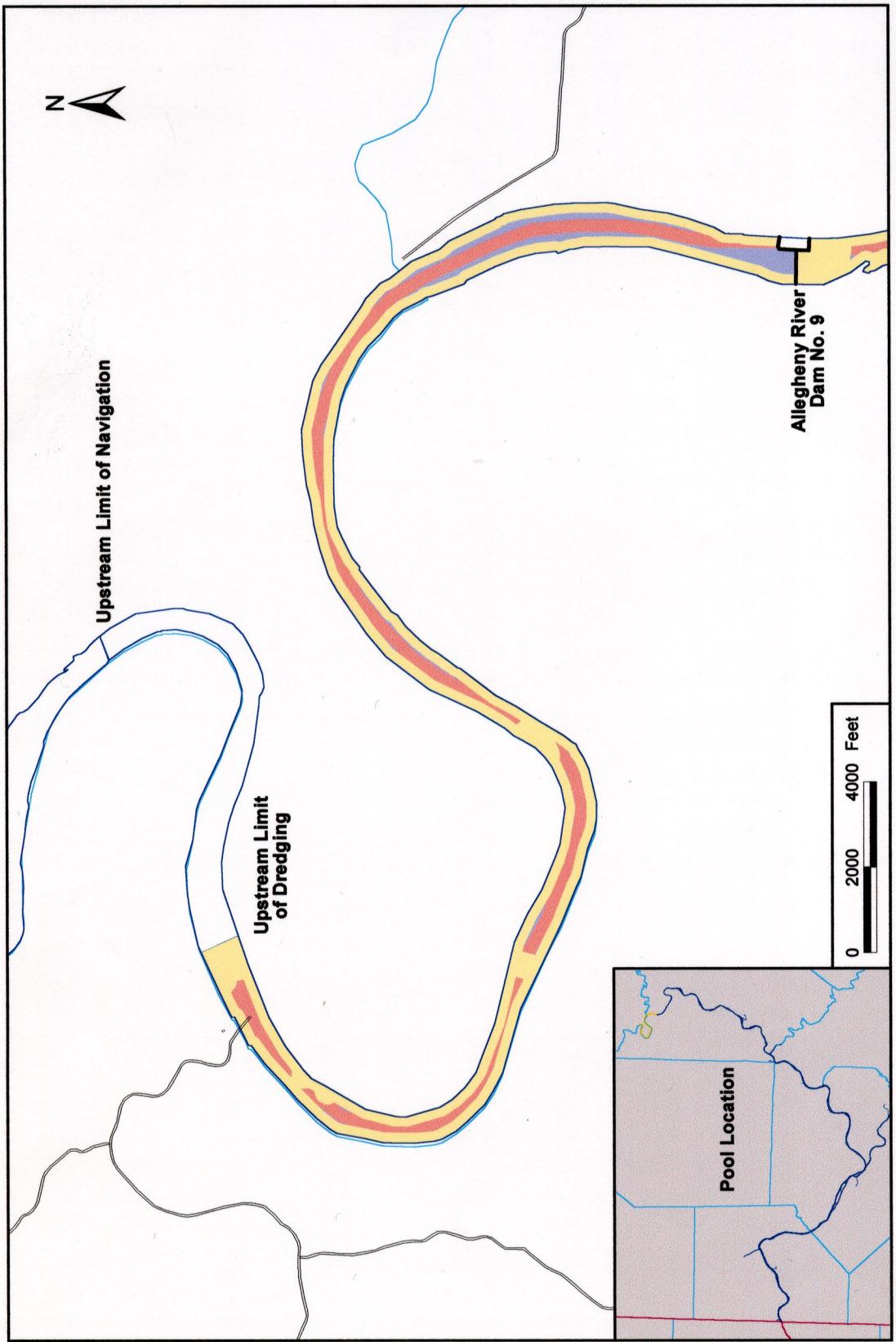
**Figure A-10**



**Allegheny River Pool No. 8**

Dam  
 Riverbank  
 Tributary  
 County Boundary  
 Road  
 Source: PADEP, 1989.

Figure A-11



**Allegheny River Pool No. 9**

Dam  
 County Boundary  
 Road  
 Tributary  
 Historically Dredged Area  
 Source: PADEP, 1999.

**Figure A-12**