

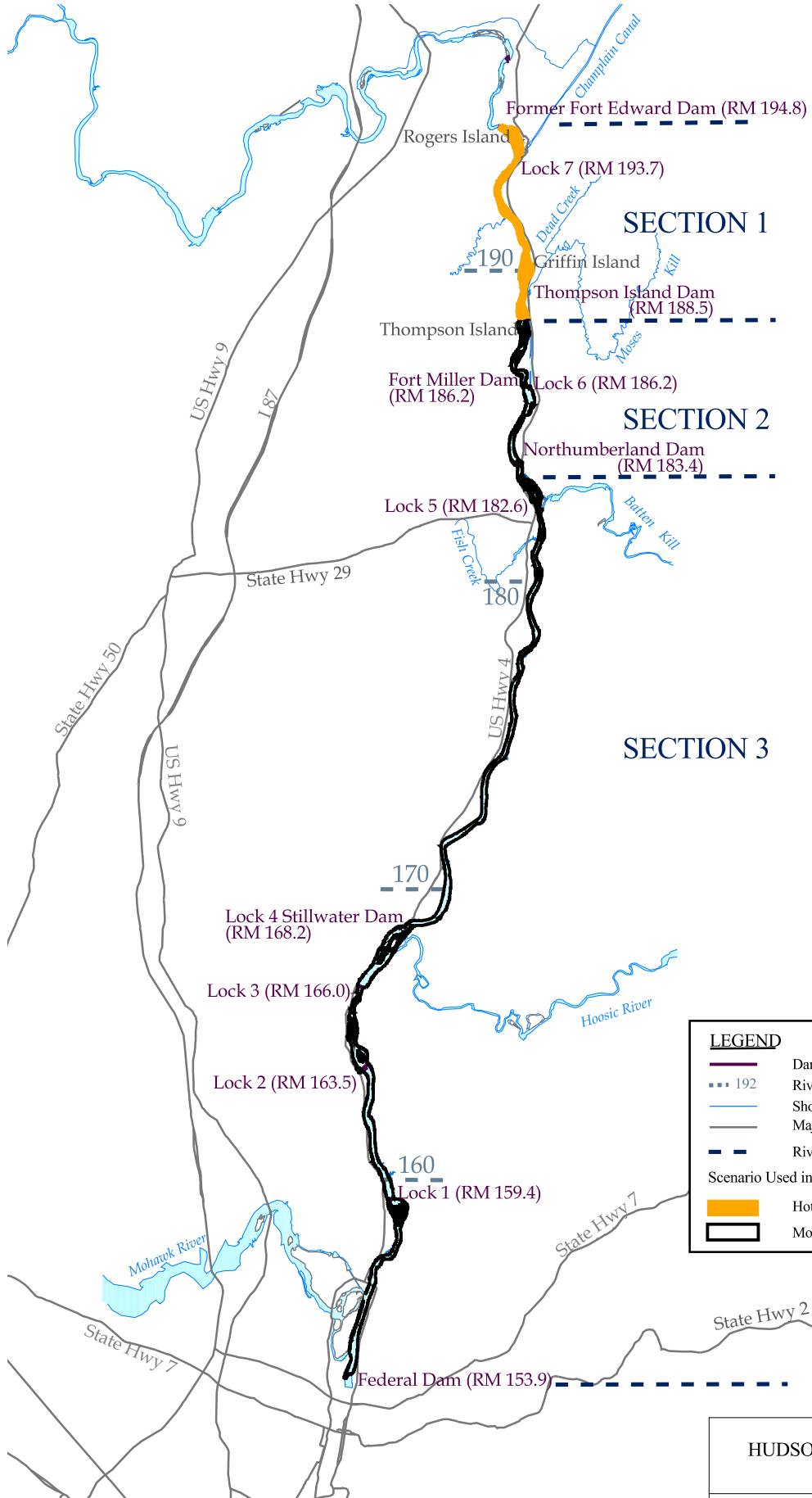
**HUDSON RIVER PCBs REASSESSMENT RI/FS
PHASE 3 REPORT: FEASIBILITY STUDY**

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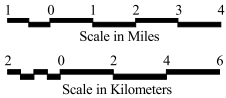


LEGEND

- Dam and Lock
- River Mile Marker
- Shoreline at 8,471 cfs
- Major Road
- River Section Limits

Scenario Used in Alternative 10/MNA/MNA

- Hot Spot Remediation (PCB MPA > 10 g/m²)
- Monitored Natural Attenuations

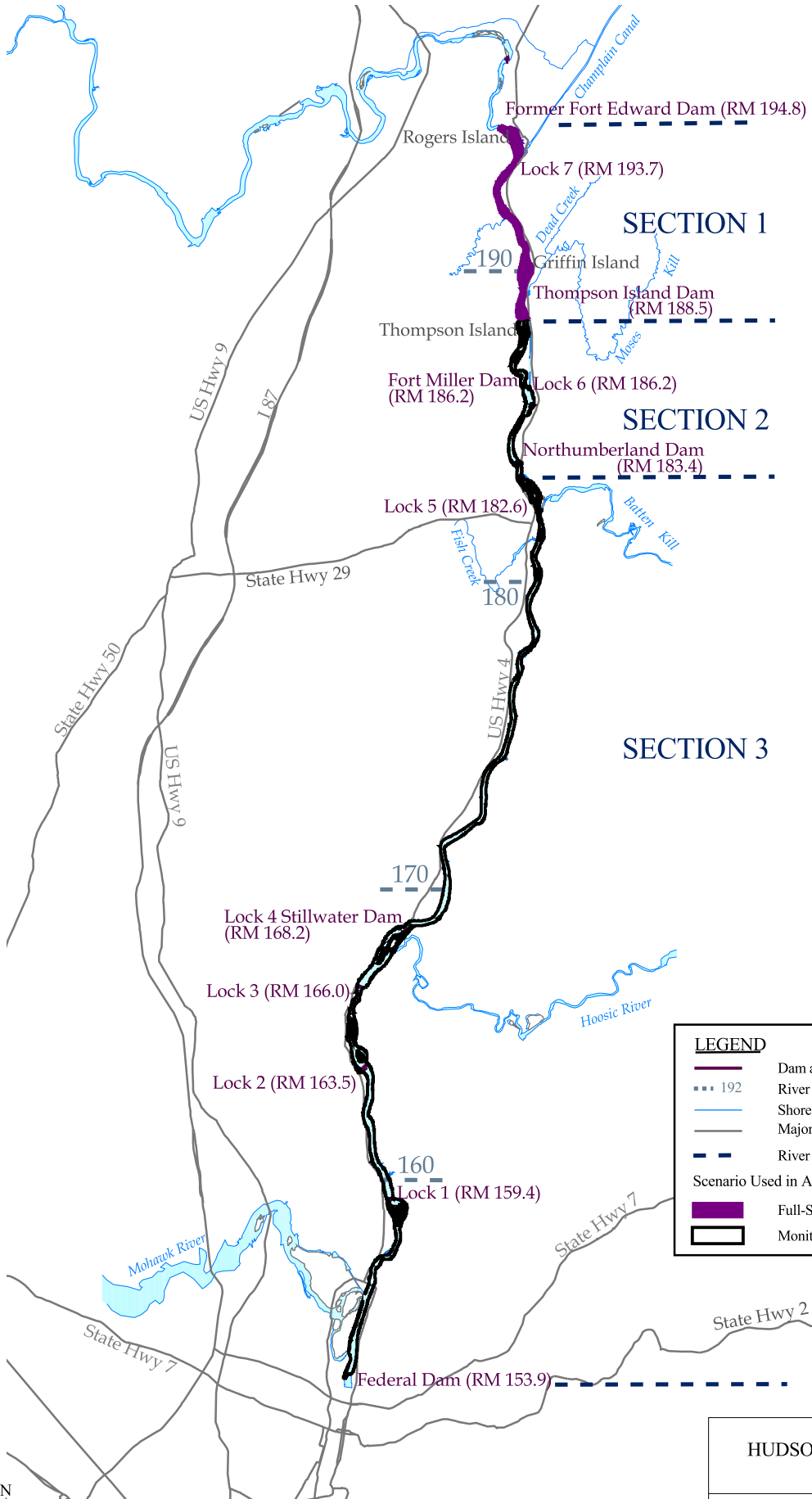


HUDSON RIVER PCBs REASSESSMENT
FEASIBILITY STUDY

Alternative REM-10/MNA/MNA

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Figure 6-1

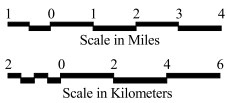


LEGEND

- Dam and Lock
- River Mile Marker
- Shoreline at 8,471 cfs
- Major Road
- River Section Limits

Scenario Used in Alternative 0/MNA/MNA

- Full-Section Remediation (PCB MPA > 0 g/m²)
- Monitored Natural Attenuations

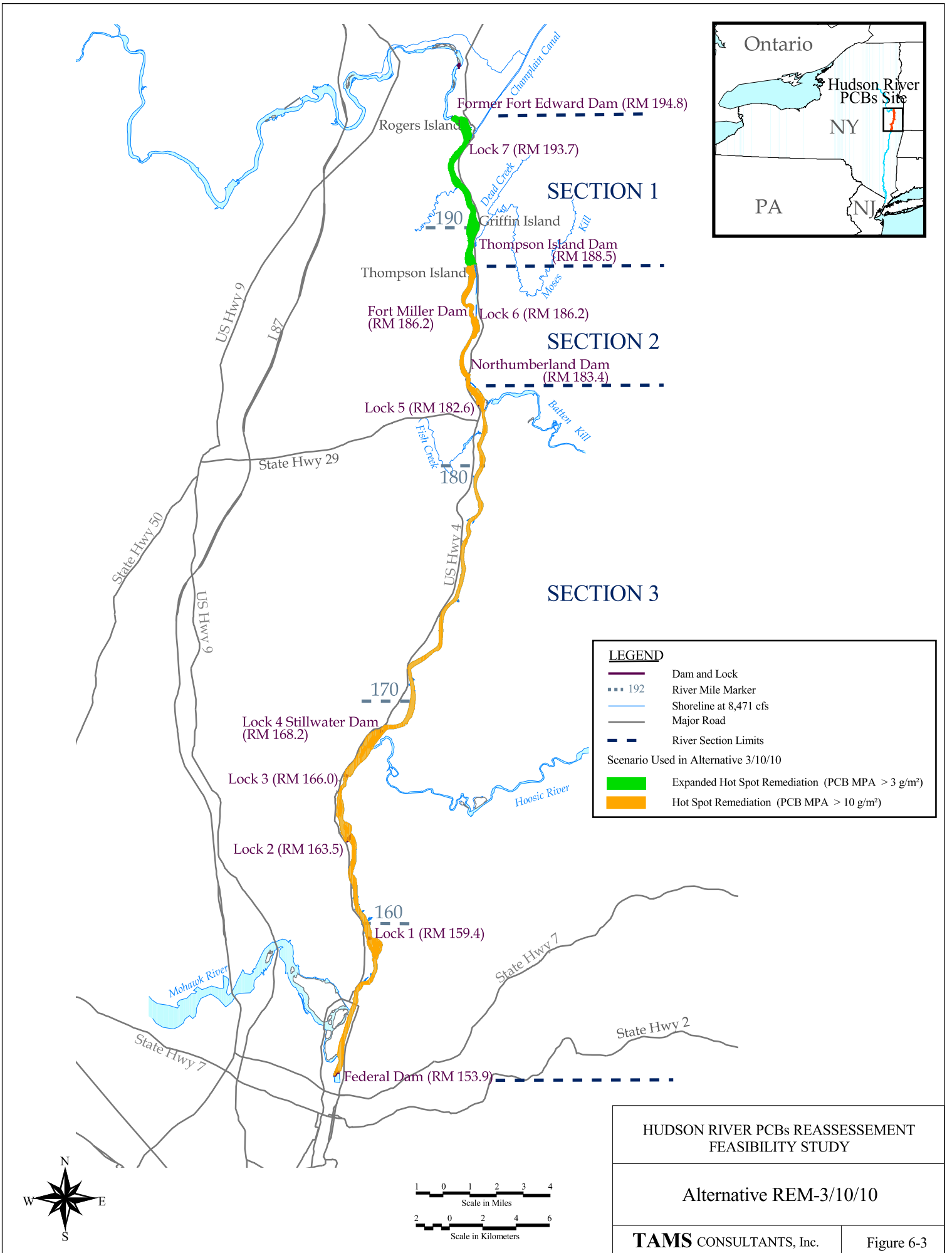


HUDSON RIVER PCBs REASSESSMENT
FEASIBILITY STUDY

Alternative REM-0/MNA/MNA

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Figure 6-2



Former Fort Edward Dam (RM 194.8)

Rogers Island

Lock 7 (RM 193.7)

SECTION 1

190

Griffin Island

Thompson Island Dam (RM 188.5)

Thompson Island

Fort Miller Dam (RM 186.2)

Lock 6 (RM 186.2)

SECTION 2

Northumberland Dam (RM 183.4)

Lock 5 (RM 182.6)

SECTION 3

170

Lock 4 Stillwater Dam (RM 168.2)

Lock 3 (RM 166.0)

Lock 2 (RM 163.5)

160

Lock 1 (RM 159.4)

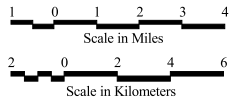
Federal Dam (RM 153.9)

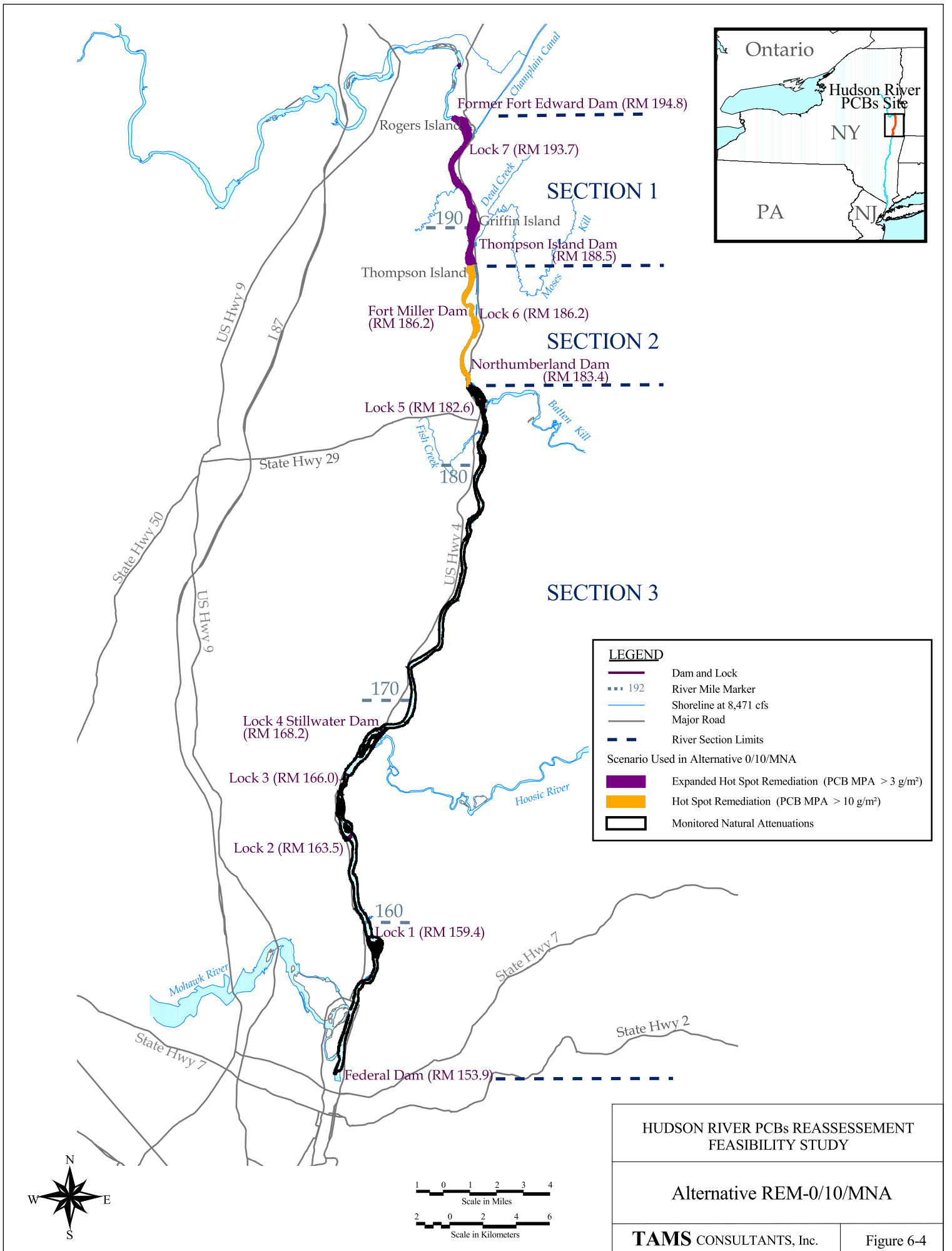
LEGEND

- Dam and Lock
- River Mile Marker
- Shoreline at 8,471 cfs
- Major Road
- River Section Limits

Scenario Used in Alternative 3/10/10

- Expanded Hot Spot Remediation (PCB MPA > 3 g/m²)
- Hot Spot Remediation (PCB MPA > 10 g/m²)





LEGEND

- Dam and Lock
- River Mile Marker
- Shoreline at 8,471 cfs
- Major Road
- River Section Limits

Scenario Used in Alternative 0/10/MNA

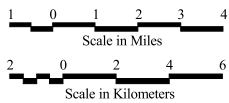
- Expanded Hot Spot Remediation (PCB MPA > 3 g/m²)
- Hot Spot Remediation (PCB MPA > 10 g/m²)
- Monitored Natural Attenuations

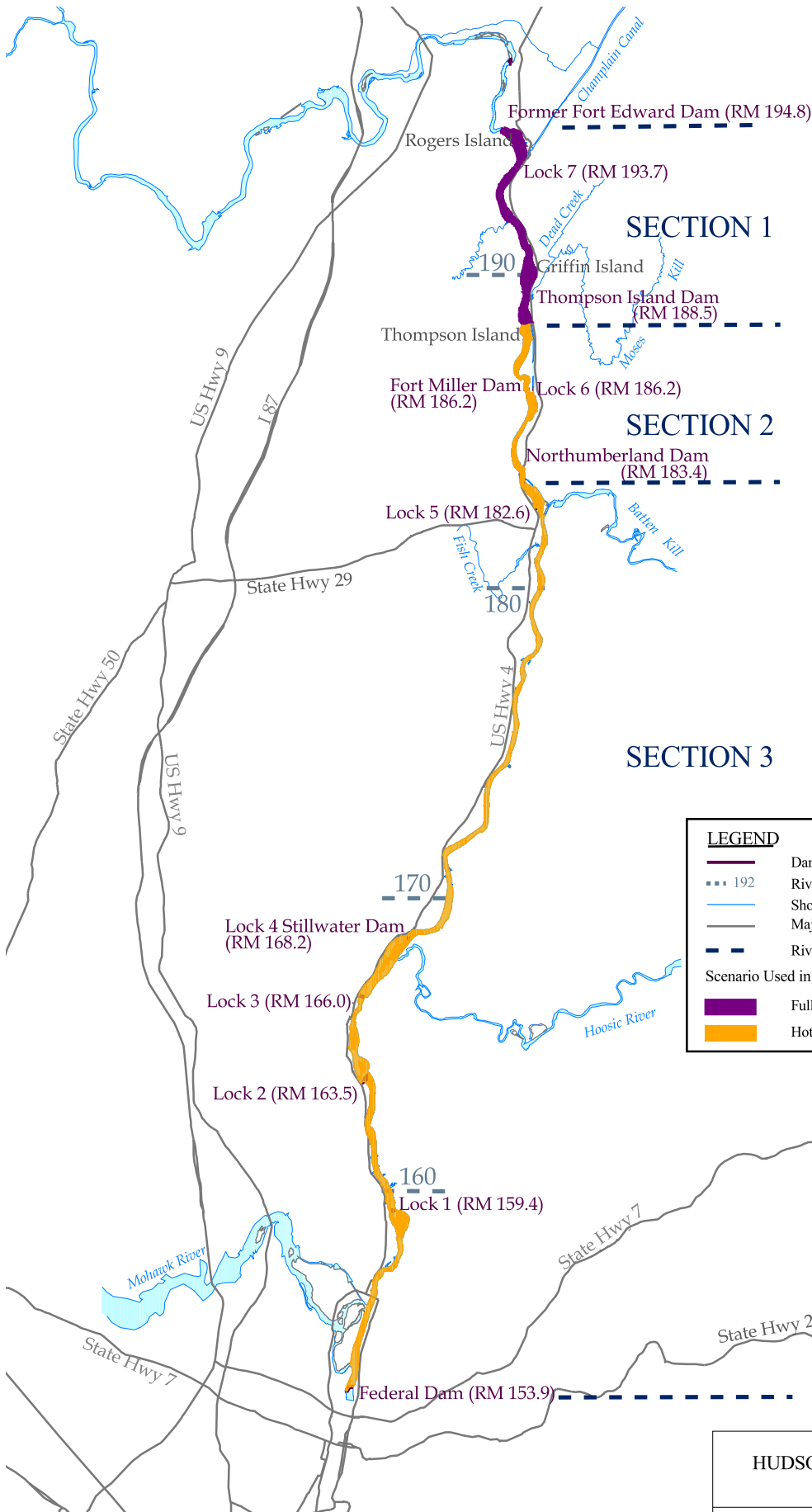
HUDSON RIVER PCBs REASSESSMENT
FEASIBILITY STUDY

Alternative REM-0/10/MNA

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Figure 6-4



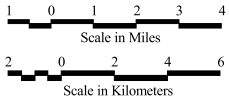


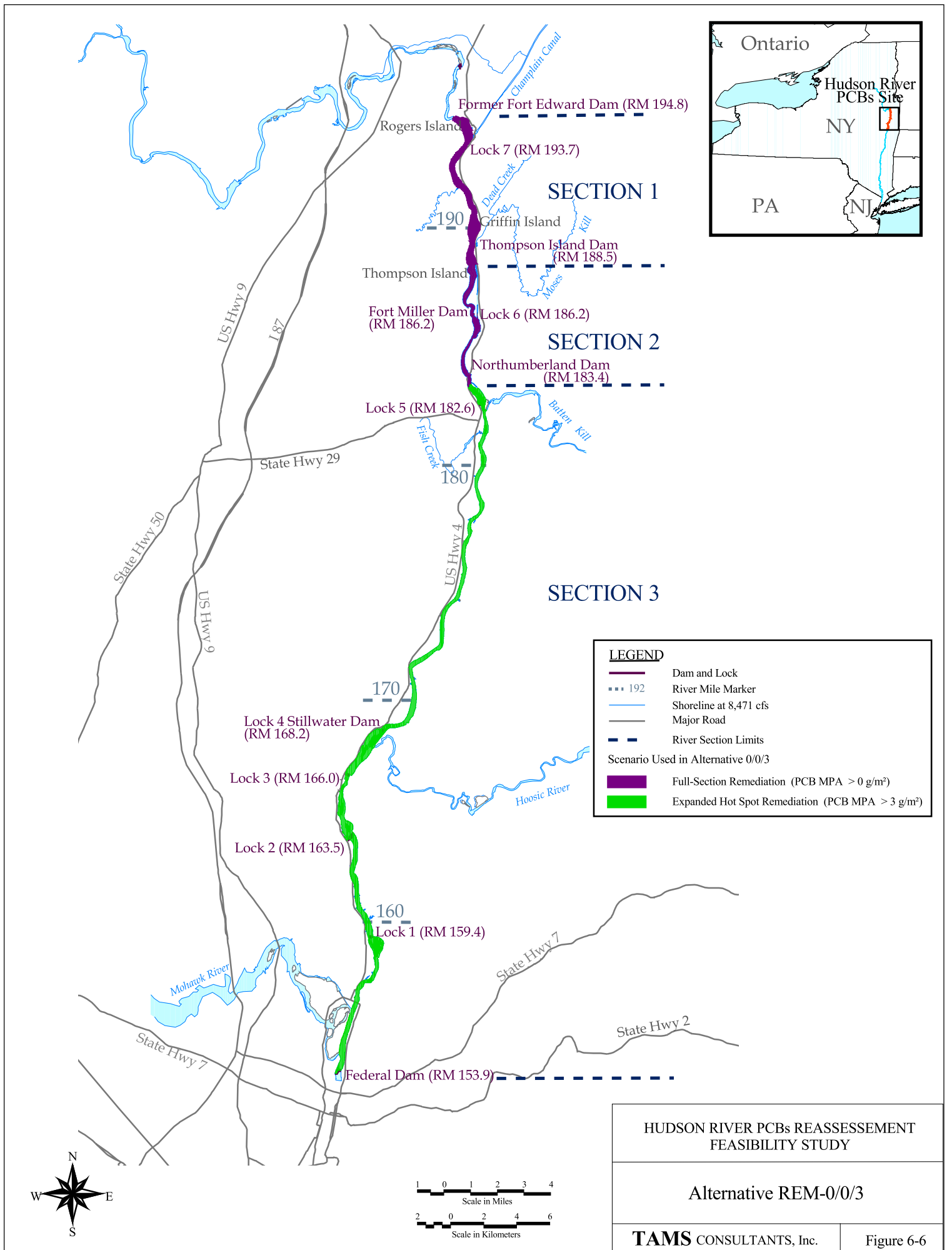
LEGEND

- Dam and Lock
- River Mile Marker
- Shoreline at 8,471 cfs
- Major Road
- River Section Limits

Scenario Used in Alternative 0/10/10

- Full-Section Remediation (PCB MPA > 0 g/m²)
- Hot Spot Remediation (PCB MPA > 10 g/m²)





LEGEND

- Dam and Lock
- River Mile Marker
- Shoreline at 8,471 cfs
- Major Road
- River Section Limits

Scenario Used in Alternative 0/0/3

- Full-Section Remediation (PCB MPA > 0 g/m²)
- Expanded Hot Spot Remediation (PCB MPA > 3 g/m²)

HUDSON RIVER PCBs REASSESSMENT
FEASIBILITY STUDY

Alternative REM-0/0/3

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Figure 6-6

Figure 6-7. Comparison Between Forecasts for Thompson Island Pool Cohesive Surficial Sediments for Alternatives for Screening

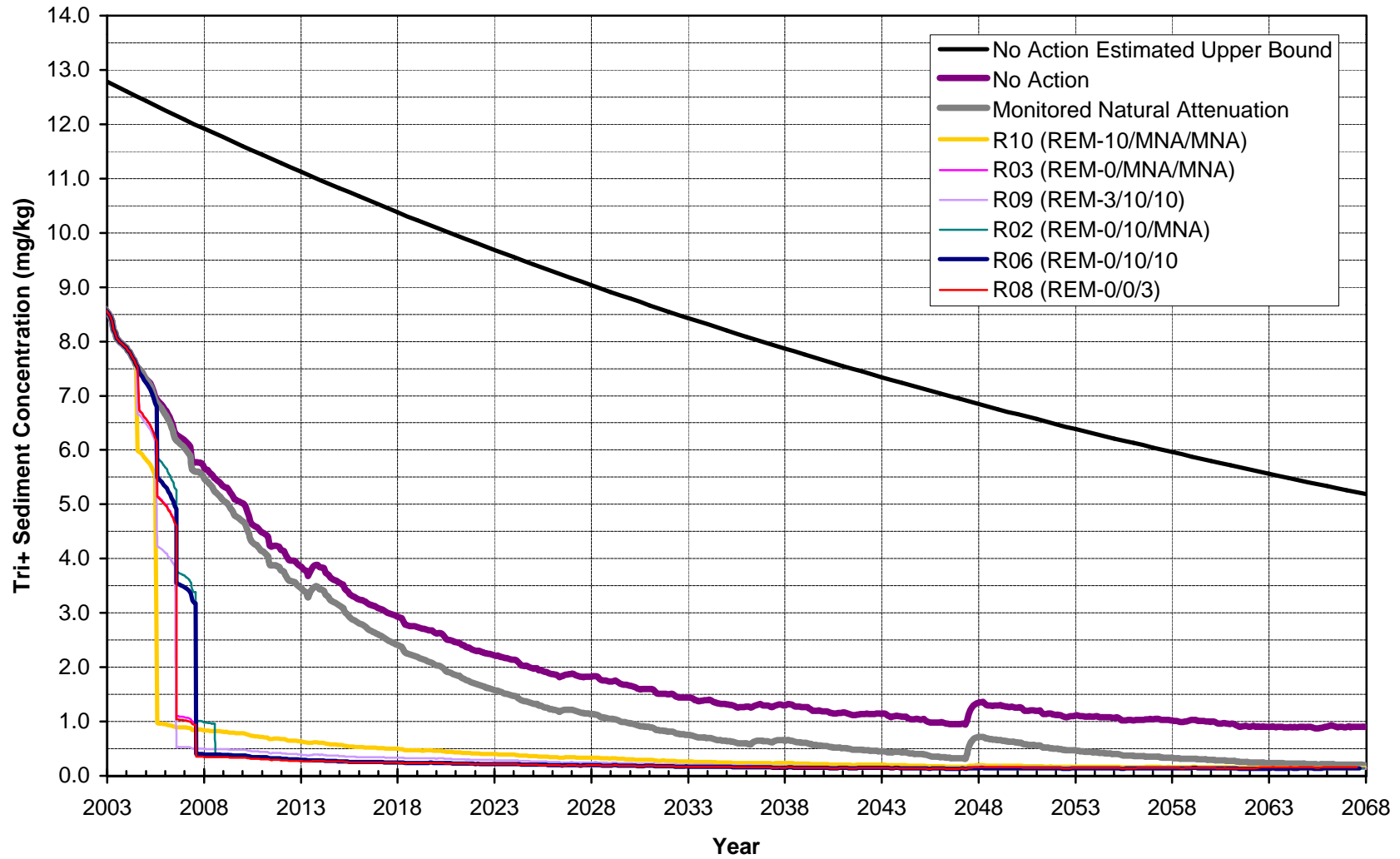


Figure 6-8. Comparison Between Forecasts for Thompson Island Pool Non-Cohesive Surficial Sediments for Alternatives for Screening

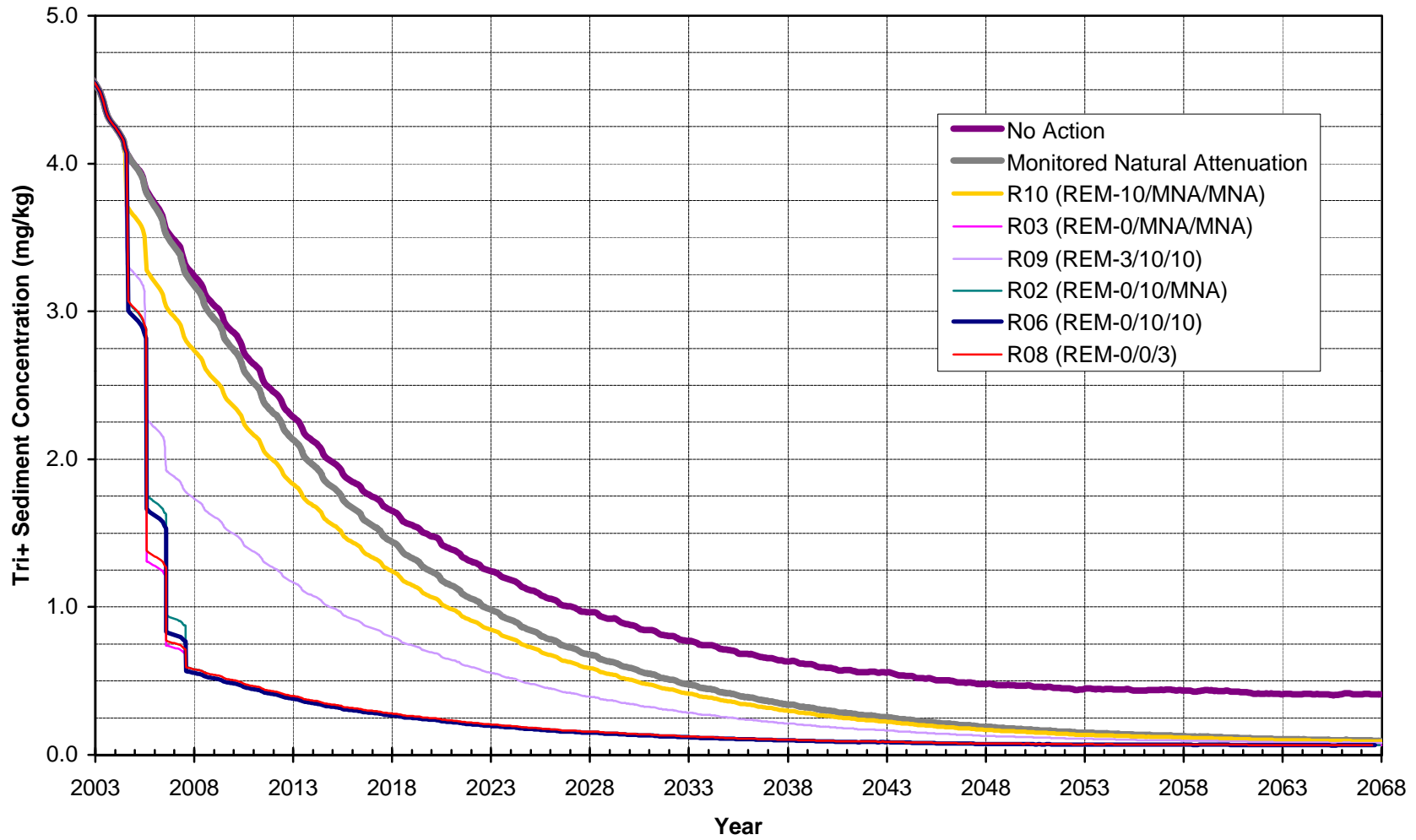


Figure 6-9. Comparison Between Forecasts for Schuylerville Cohesive Surficial Sediments for Alternatives for Screening

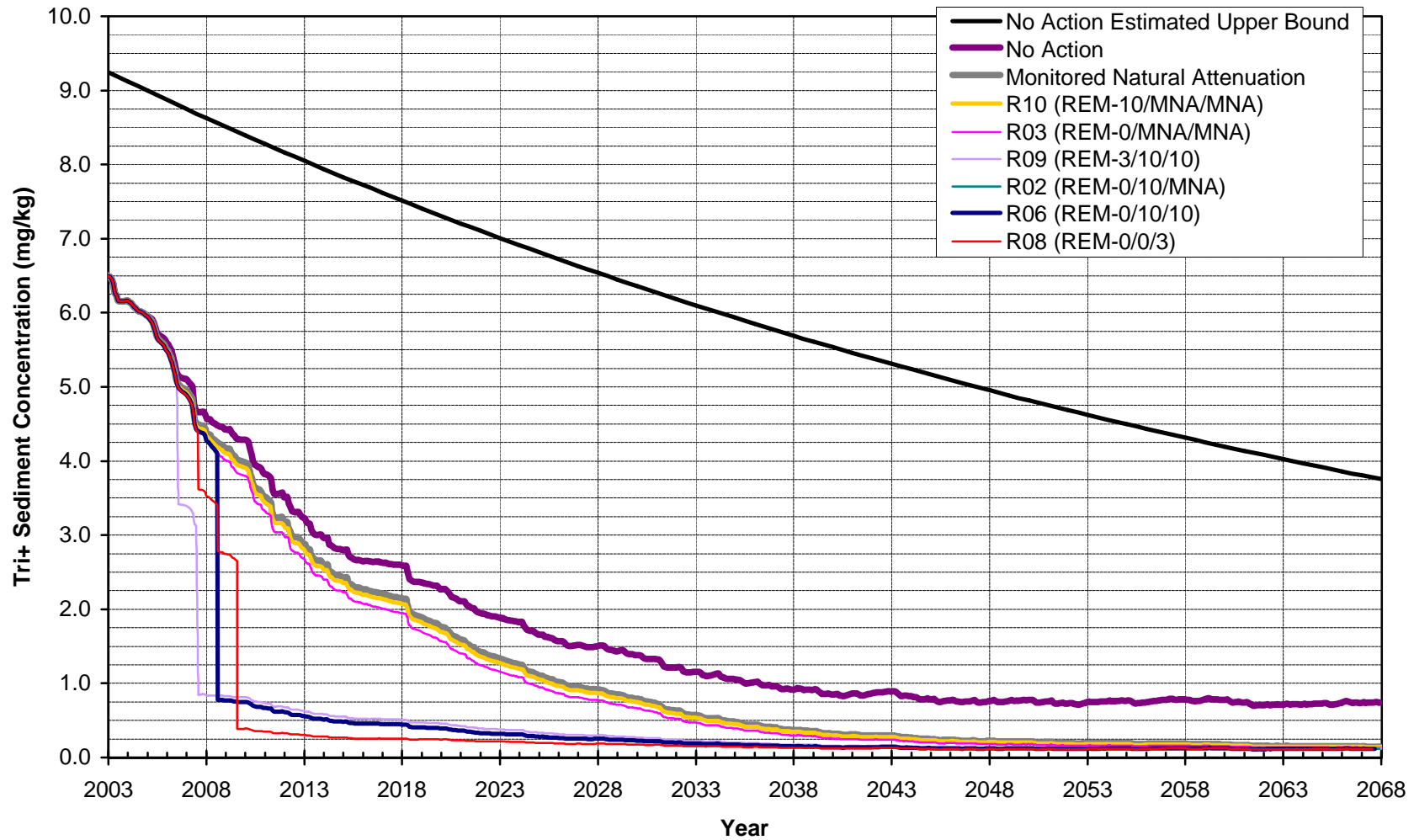


Figure 6-10. Comparison Between Forecasts for Schuylerville Non-Cohesive Surficial Sediments for Alternatives for Screening

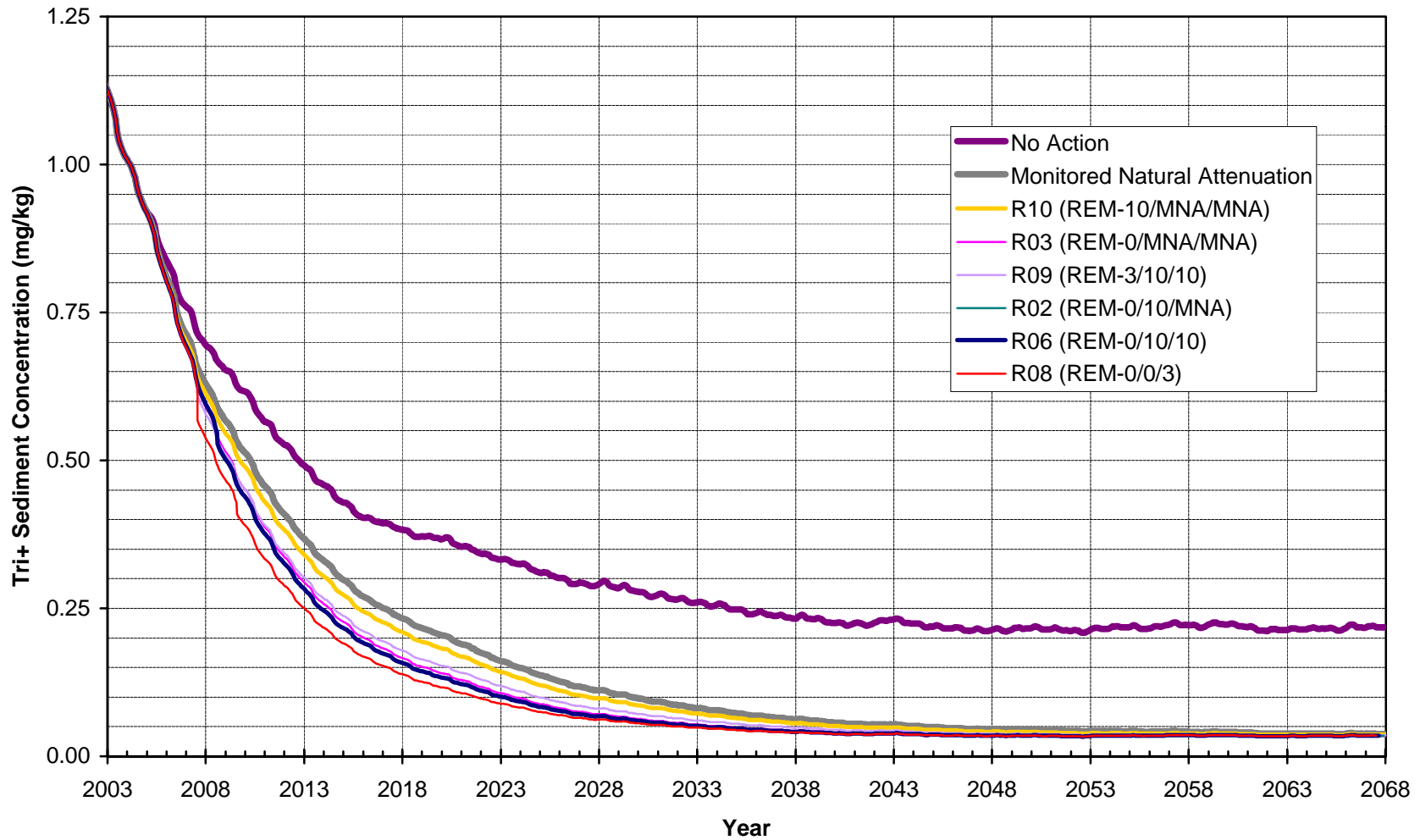


Figure 6-11. Comparison Between Forecasts for Stillwater Cohesive Surficial Sediments for Alternatives for Screening

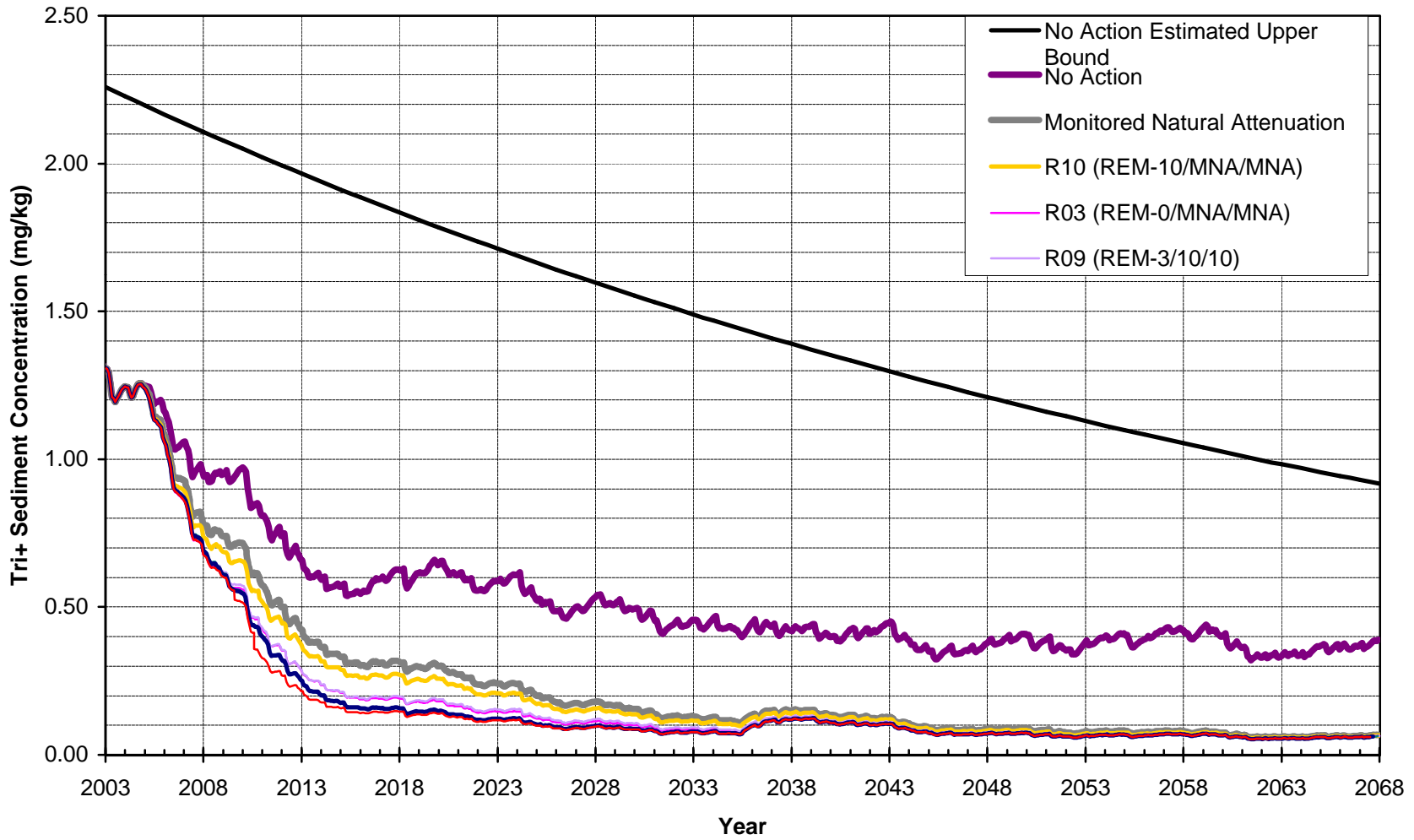


Figure 6-12. Comparison Between Forecasts for Stillwater Non-Cohesive Surficial Sediments for Alternatives for Screening

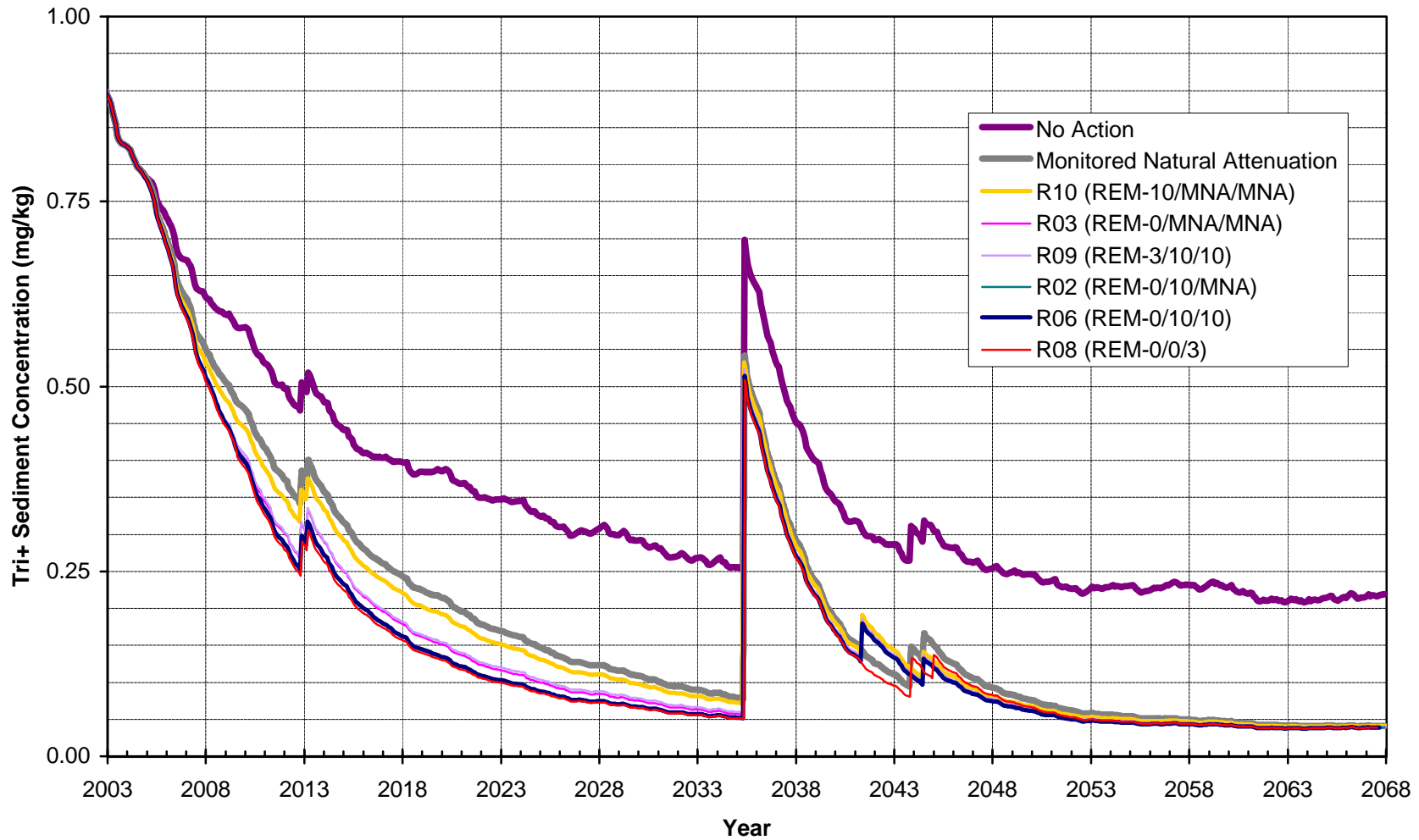


Figure 6-13. Comparison Between Forecasts for Waterford Cohesive Surficial Sediments for Alternatives for Screening

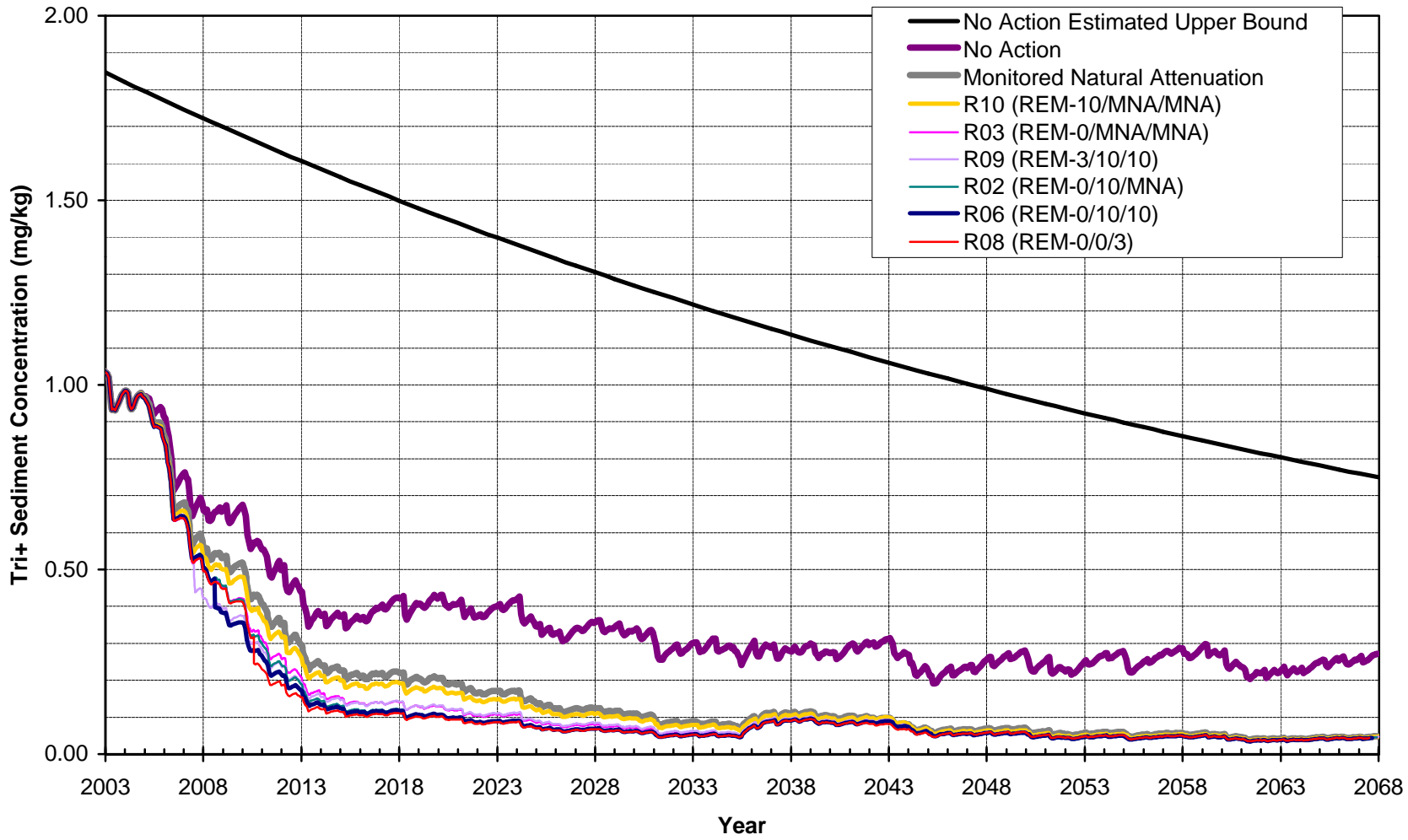


Figure 6-14. Comparison Between Forecasts for Waterford Non-Cohesive Surficial Sediments for Alternatives for Screening

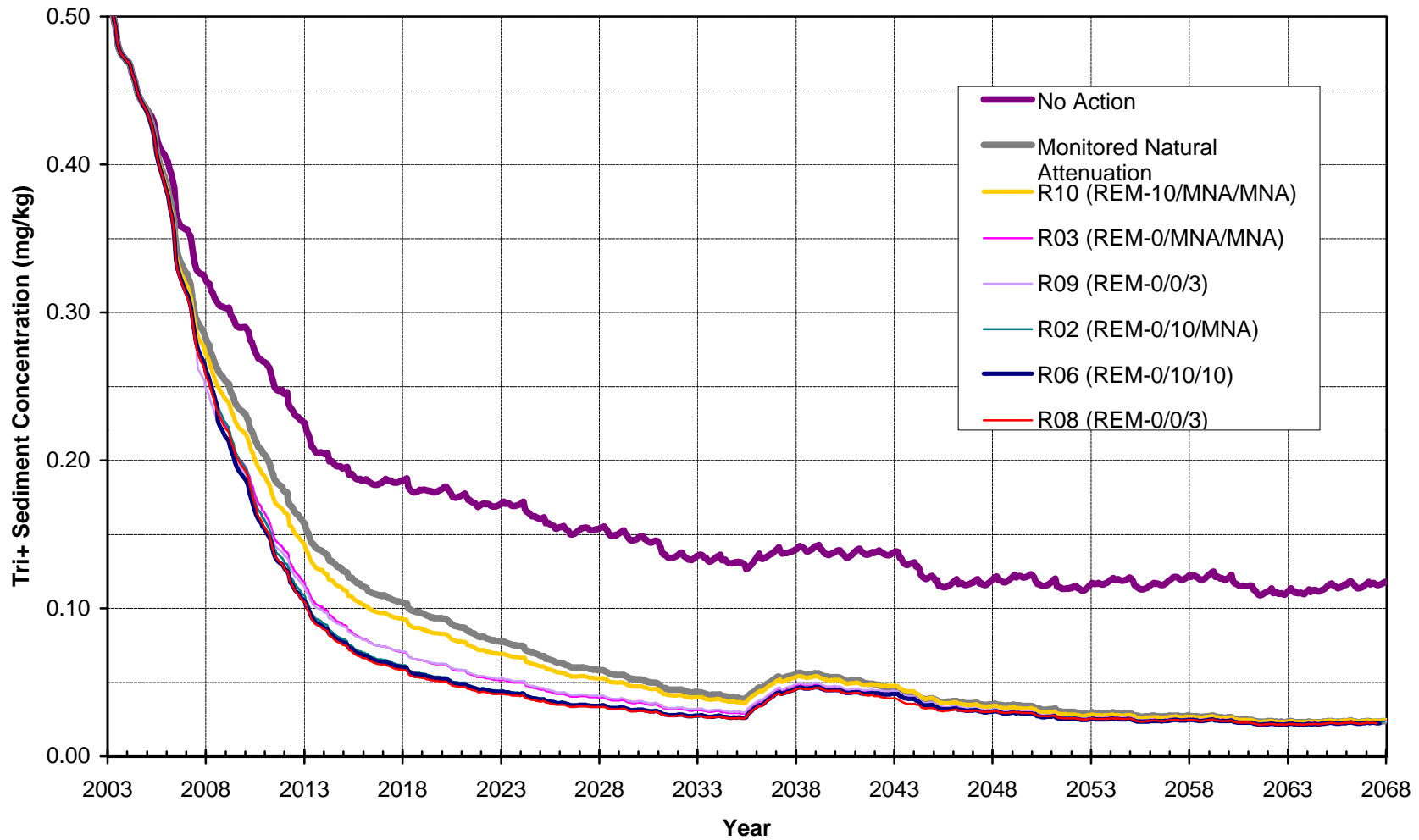


Figure 6-15. Comparison Between Forecasts for Federal Dam Non-Cohesive Surficial Sediments for Alternatives for Screening

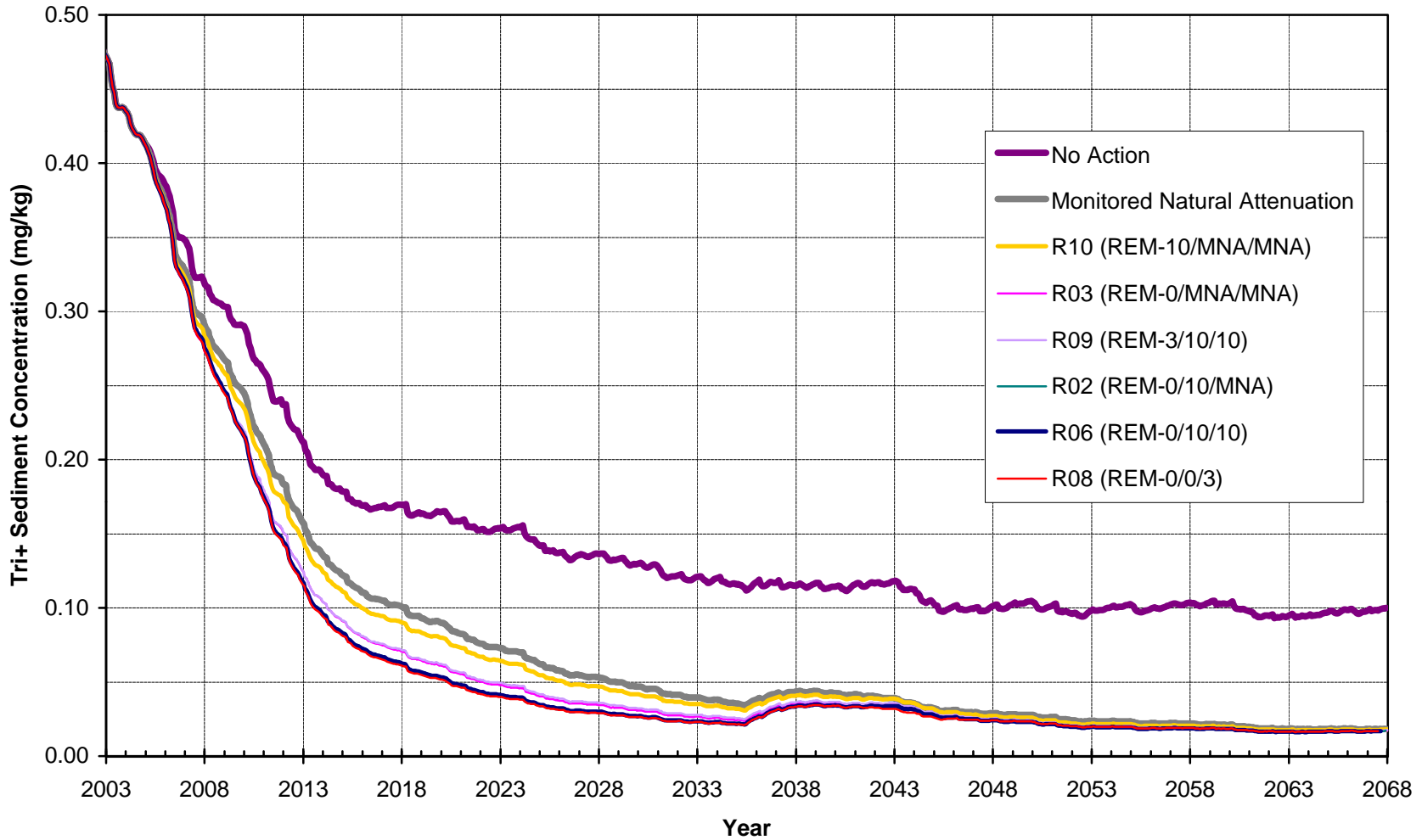


Figure 6-16. Comparison Between Water Column Total PCB Forecasts at Thompson Island Dam for Alternatives for Screening

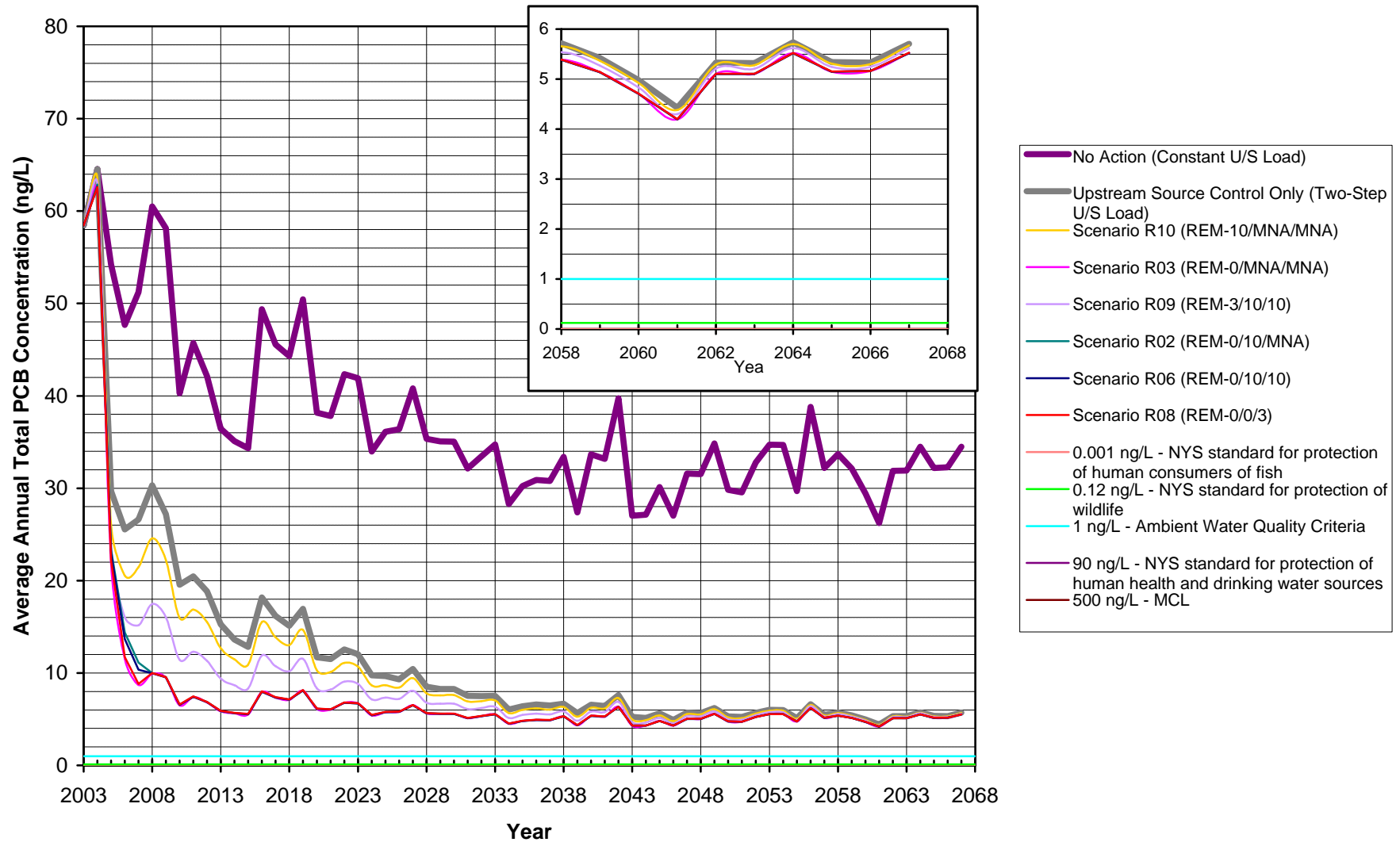


Figure 6-17. Comparison Between Water Column Total PCB Forecasts at Schuylerville for Alternatives for Screening

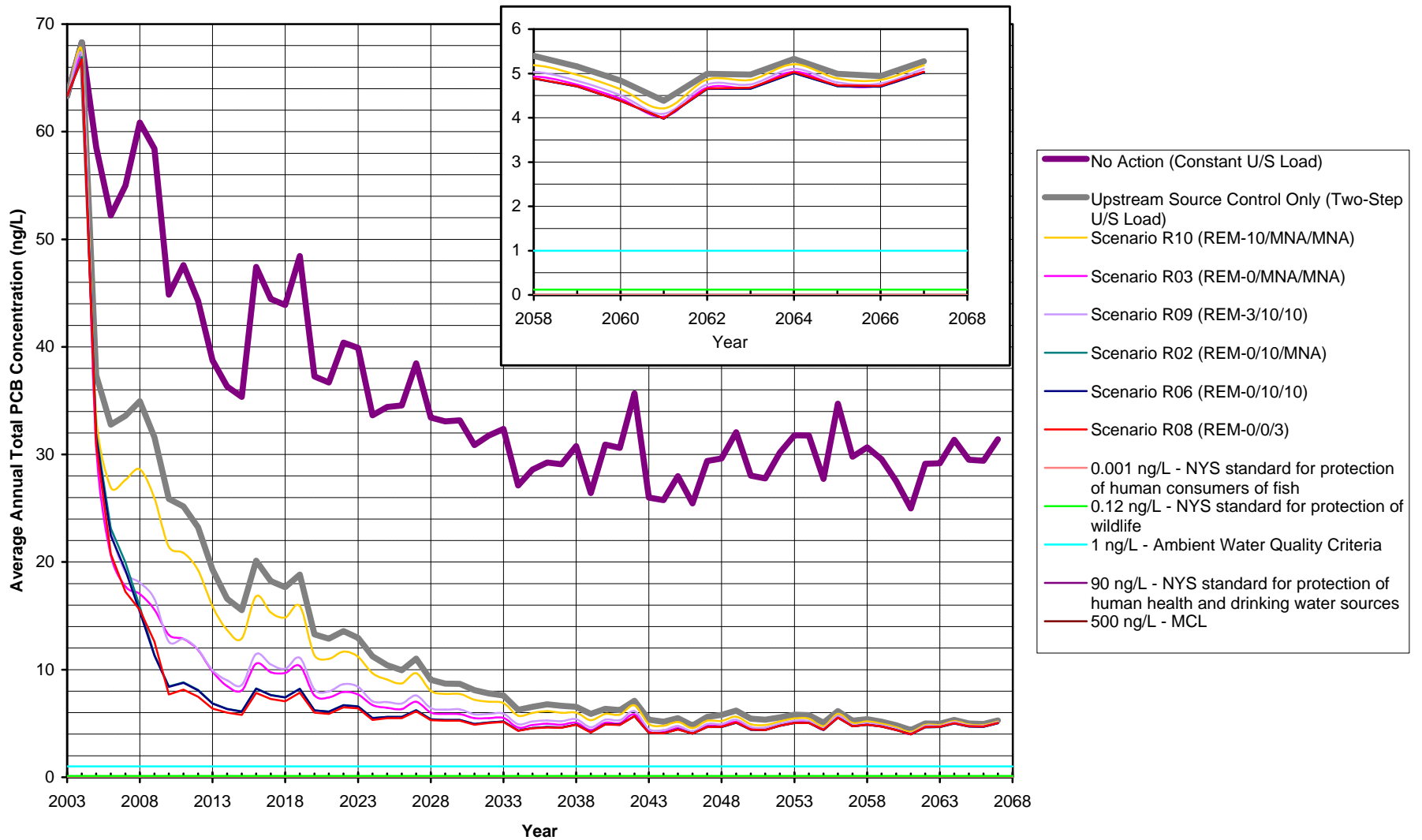


Figure 6-18. Comparison Between Water Column Total PCB Forecasts at Stillwater for Alternatives for Screening

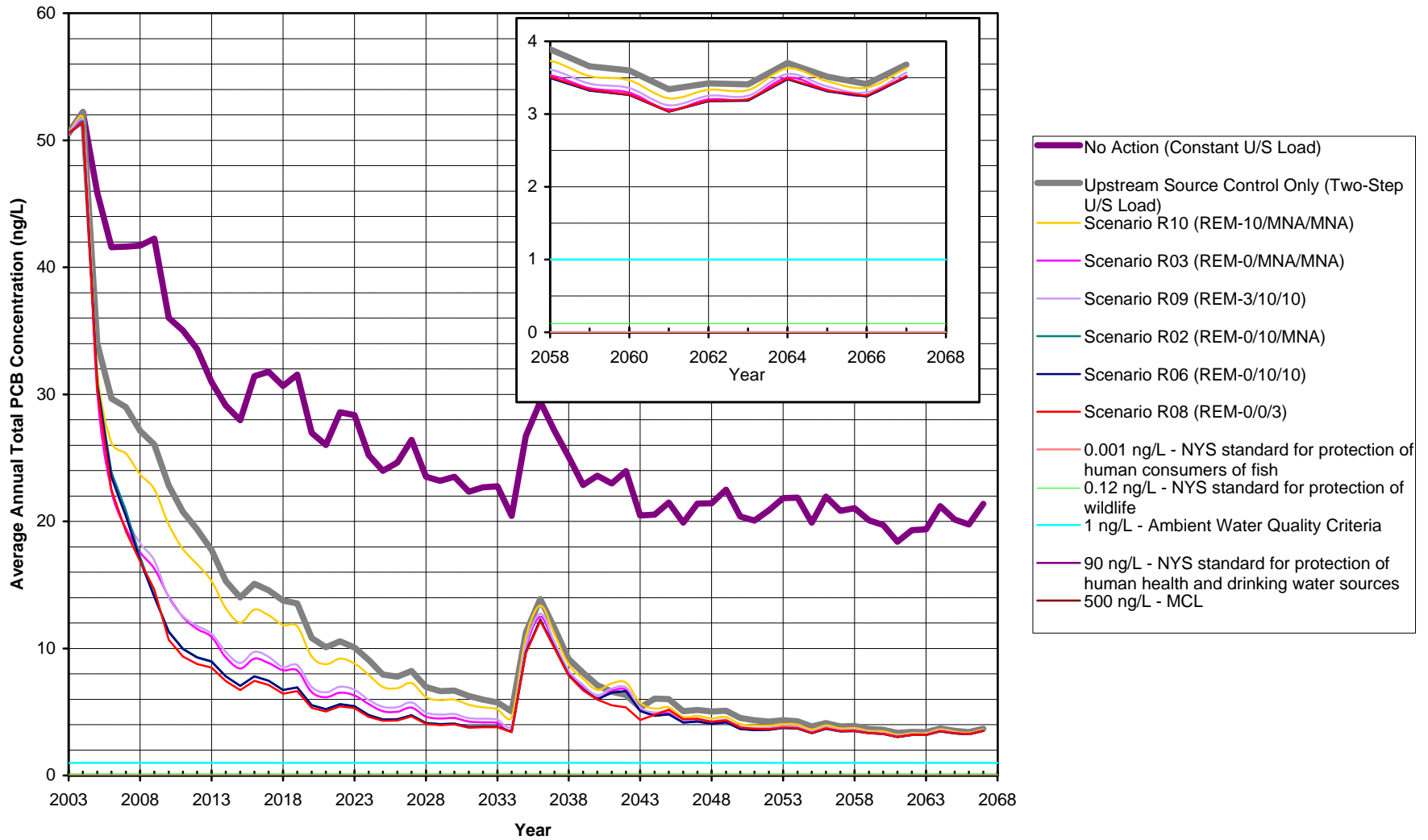


Figure 6-19. Comparison Between Water Column Total PCB Forecasts at Waterford for Alternatives for Screening

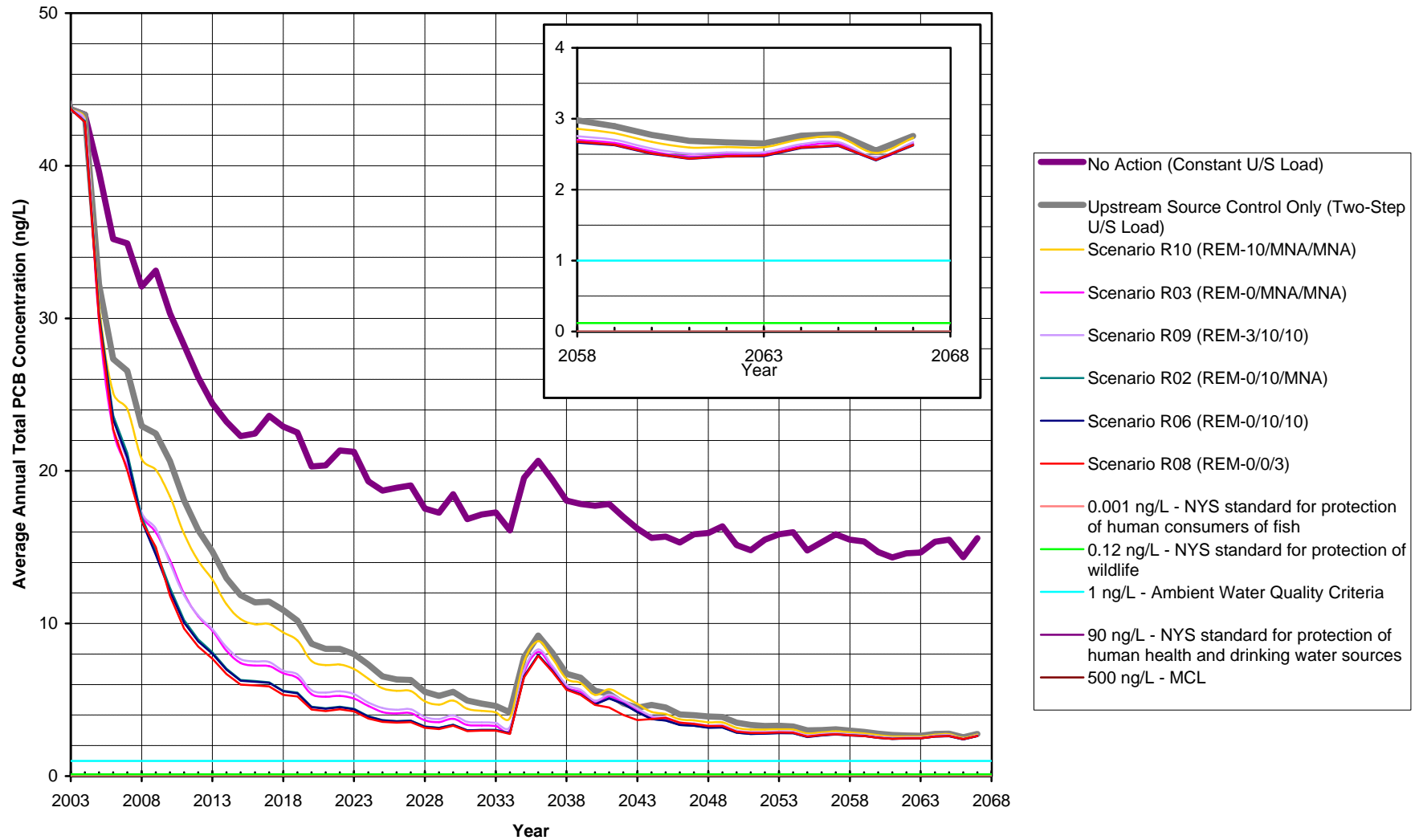


Figure 6-20. Comparison Between Water Column Total PCB Forecasts at Federal Dam for Alternatives for Screening

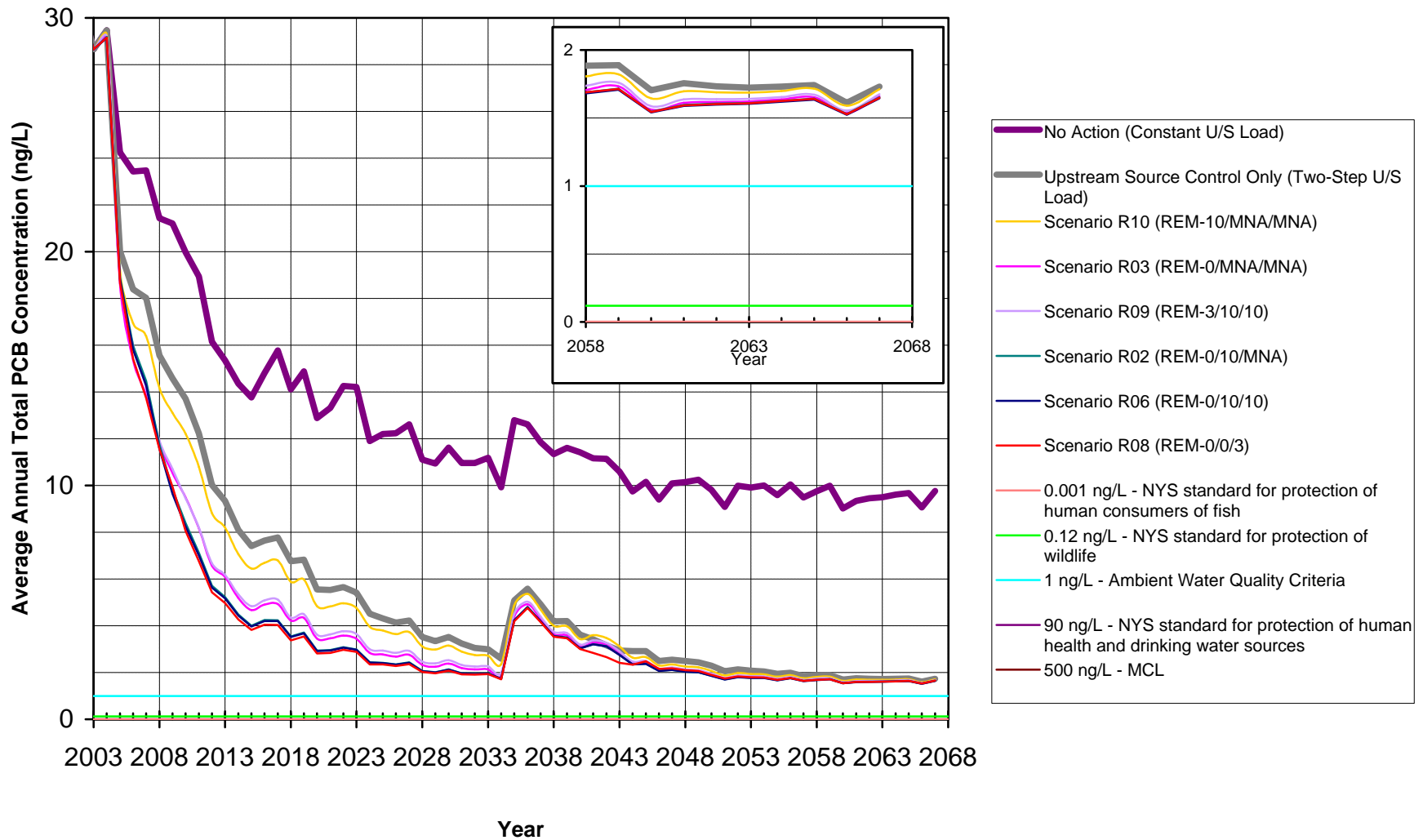


Figure 6-21. Comparison of Species-Weighted Fish Fillet Average PCB Concentration in River Section 1 for Alternatives for Screening

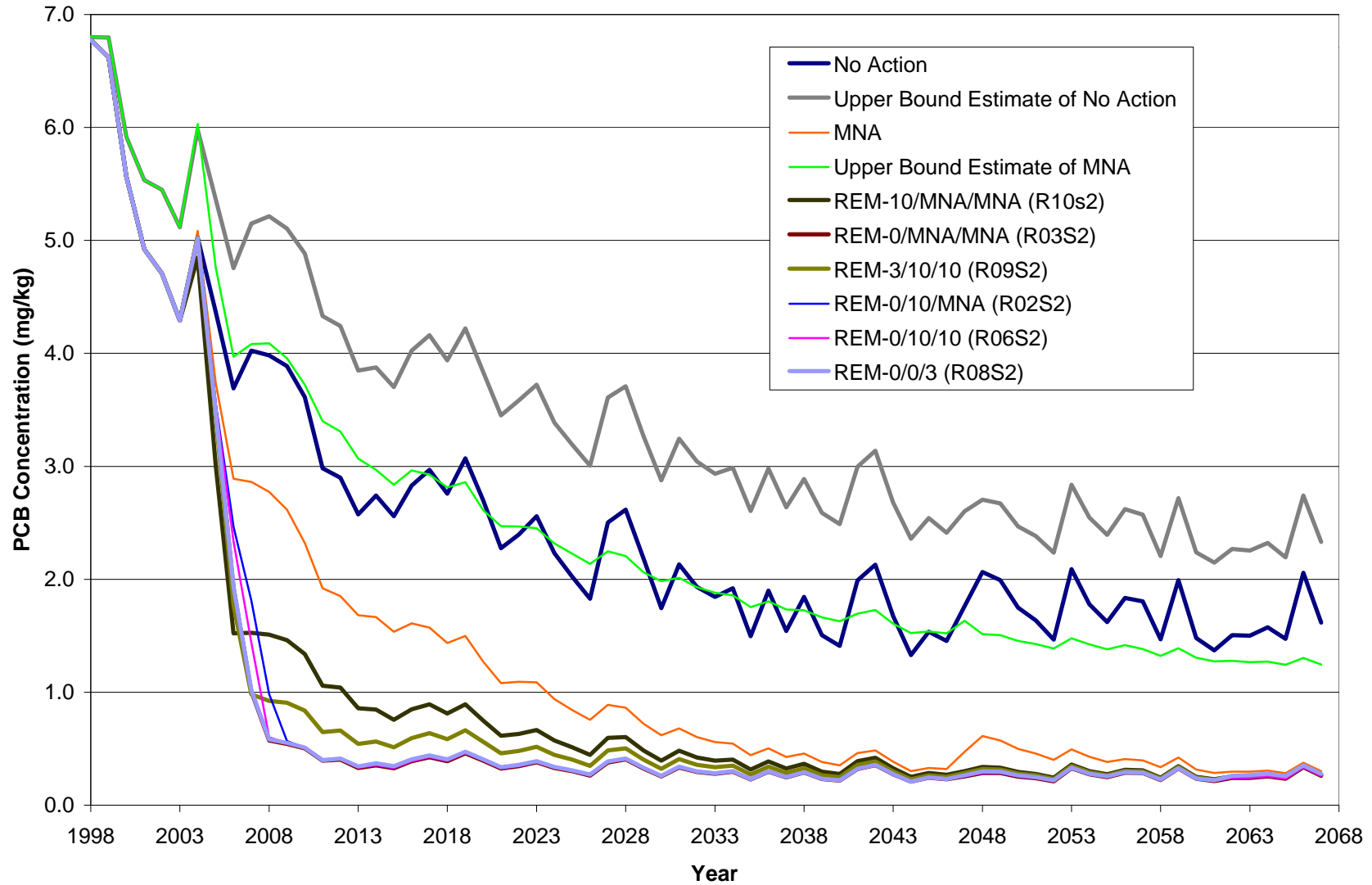


Figure 6-22. Comparison of Species-Weighted Fish Fillet Average PCB Concentration in River Section 2 for Alternatives for Screening

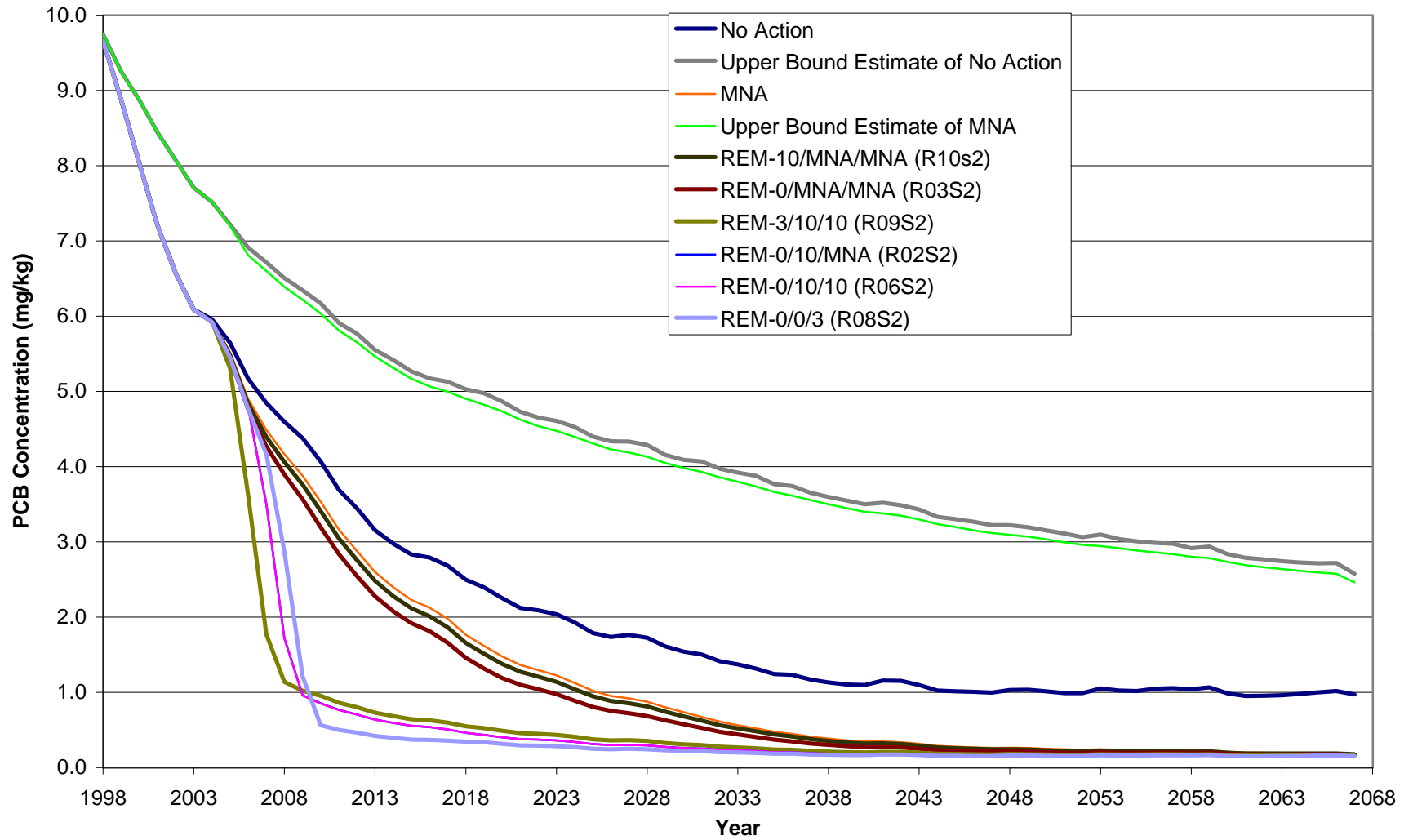


Figure 6-23. Comparison of Species-Weighted Fish Fillet Average PCB Concentration in River Section 3 for Alternatives for Screening

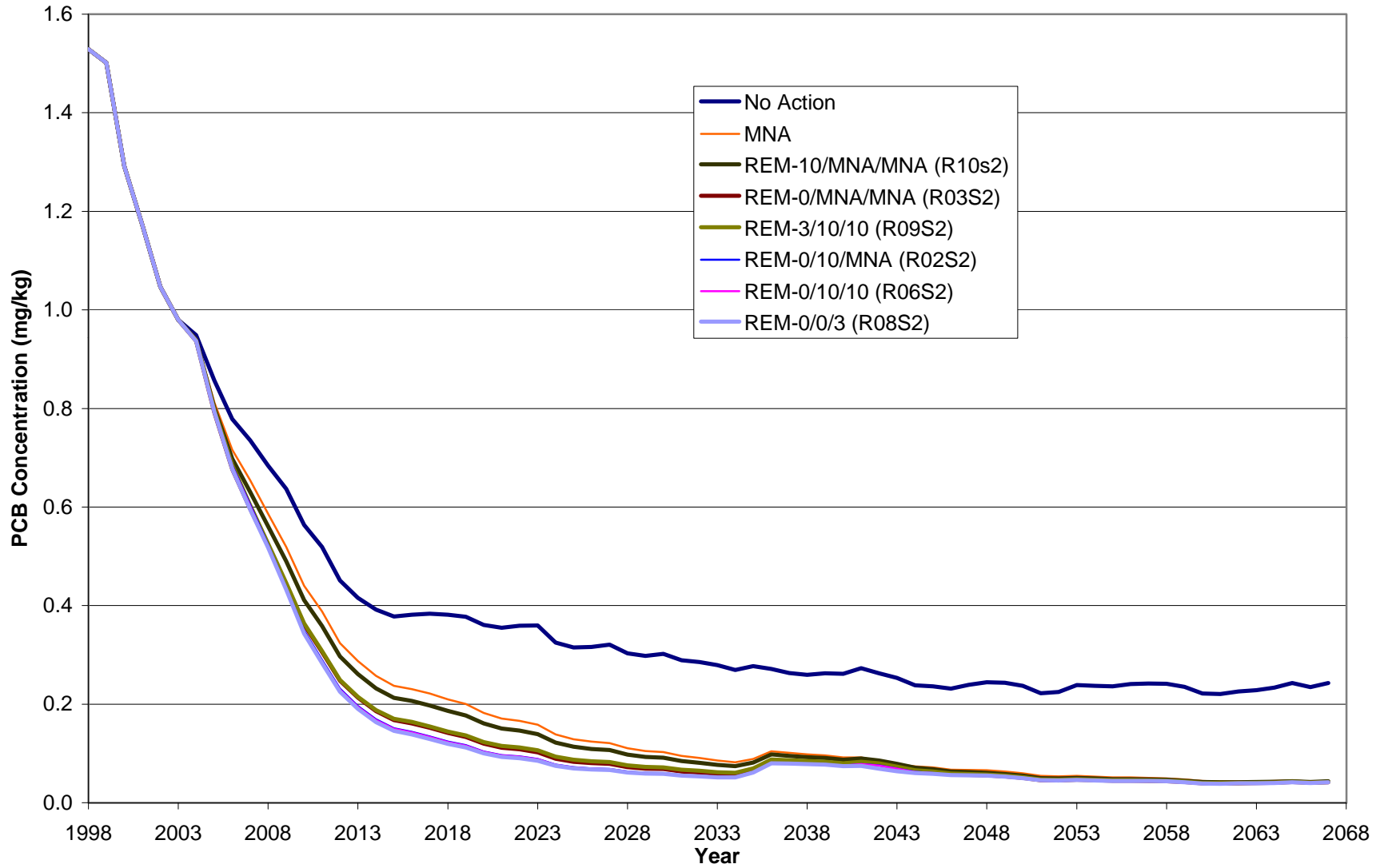


Figure 6-24. Comparison Between Forecasts for Thompson Island Pool Cohesive Surficial Sediments for Alternatives Retained for Detailed Analysis

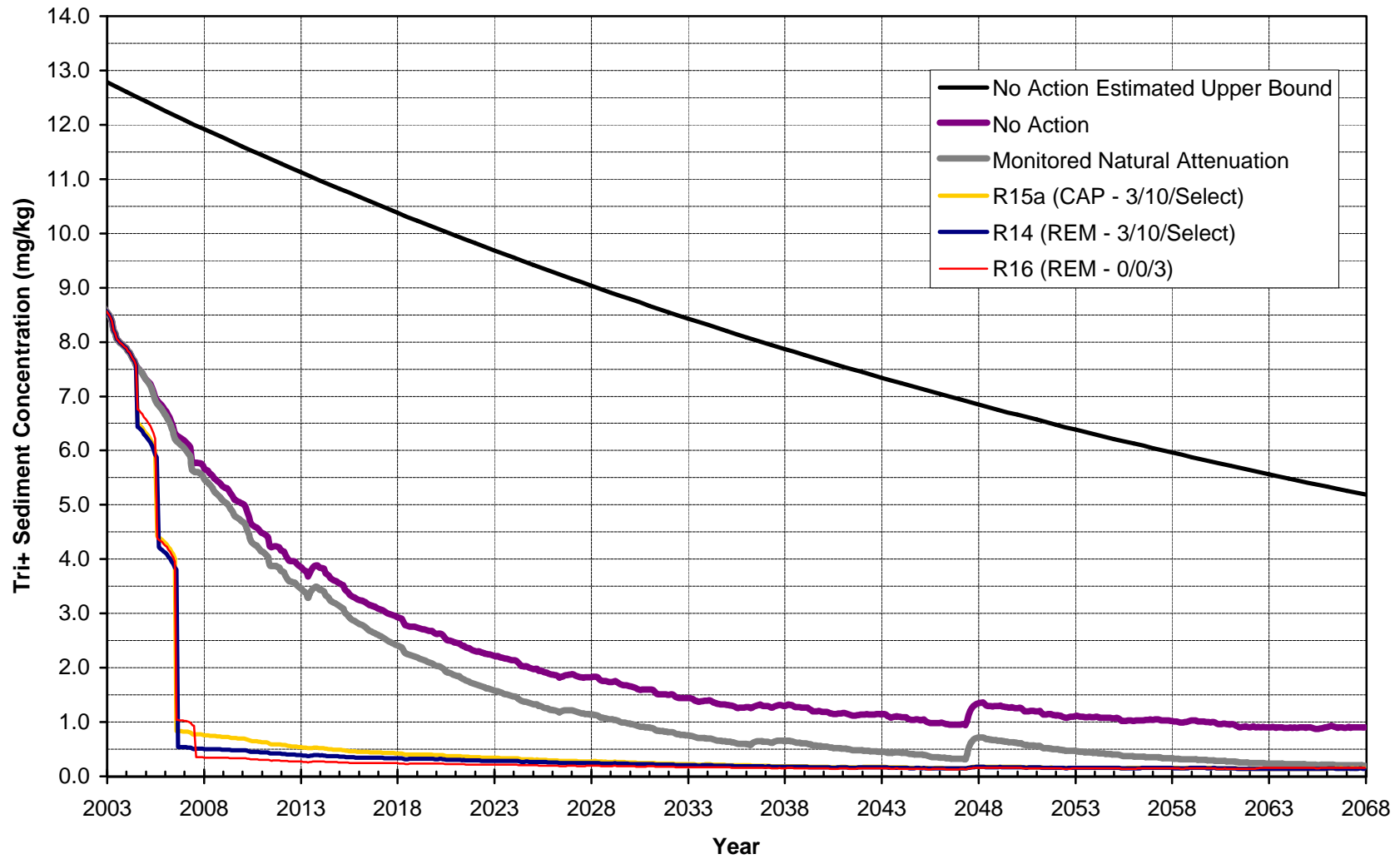


Figure 6-25. Comparison Between Forecasts for Thompson Island Pool Non-Cohesive Surficial Sediments for Alternatives Retained for Detailed Analysis

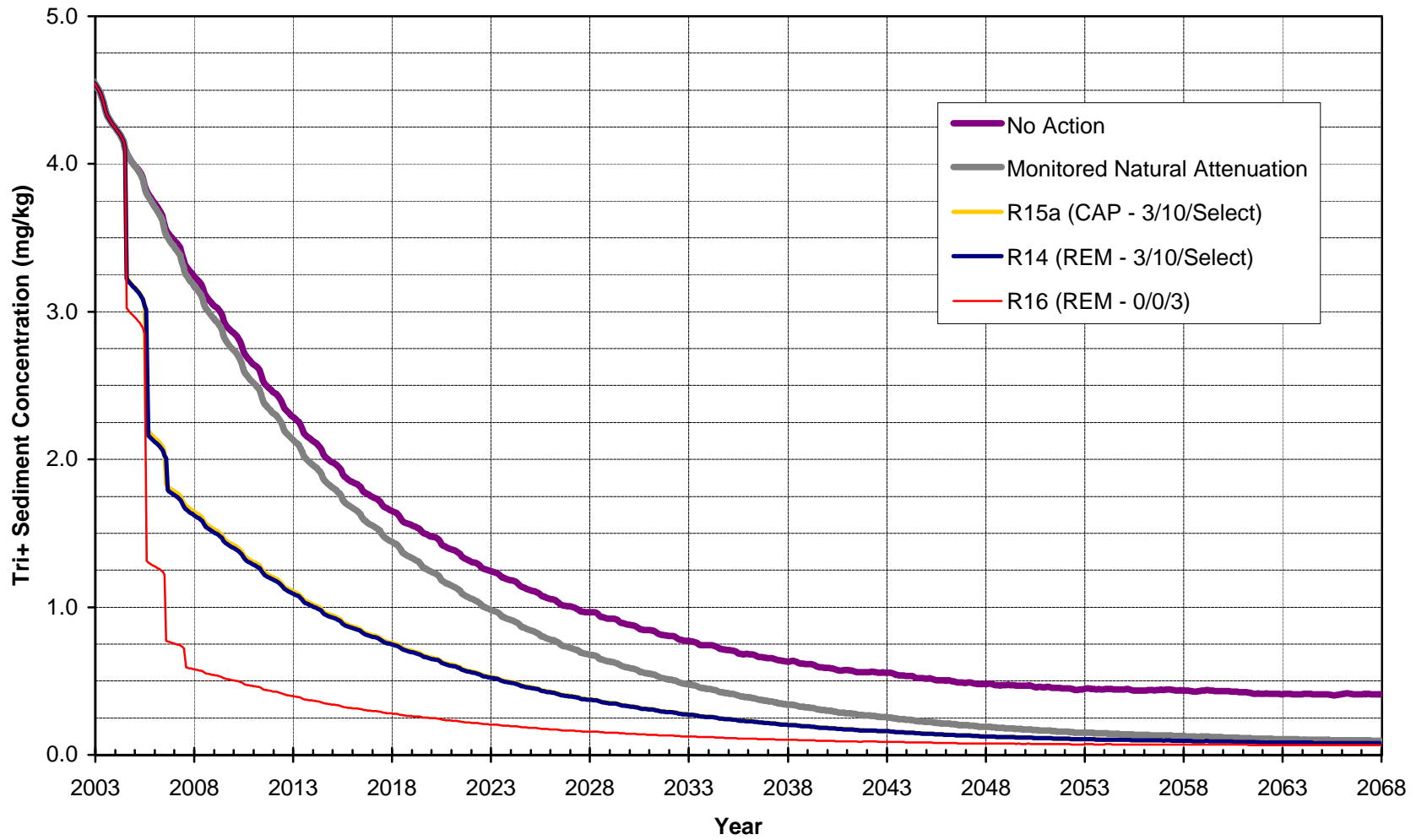


Figure 6-26. Comparison Between Forecasts for Schuylerville Cohesive Surficial Sediments for Alternatives Retained for Detailed Analysis

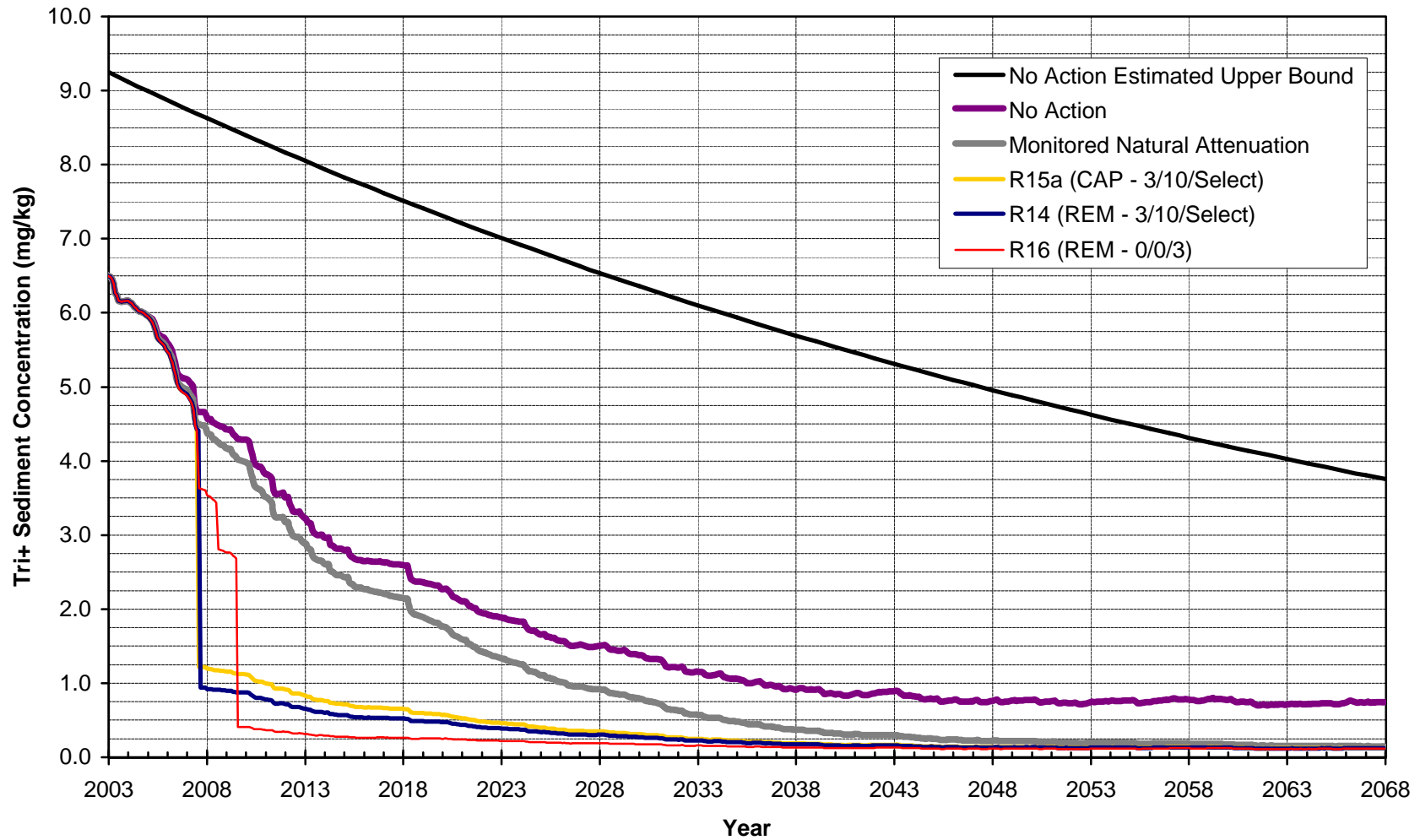


Figure 6-27. Comparison Between Forecasts for Schuylerville Non-Cohesive Surficial Sediments for Alternatives Retained for Detailed Analysis

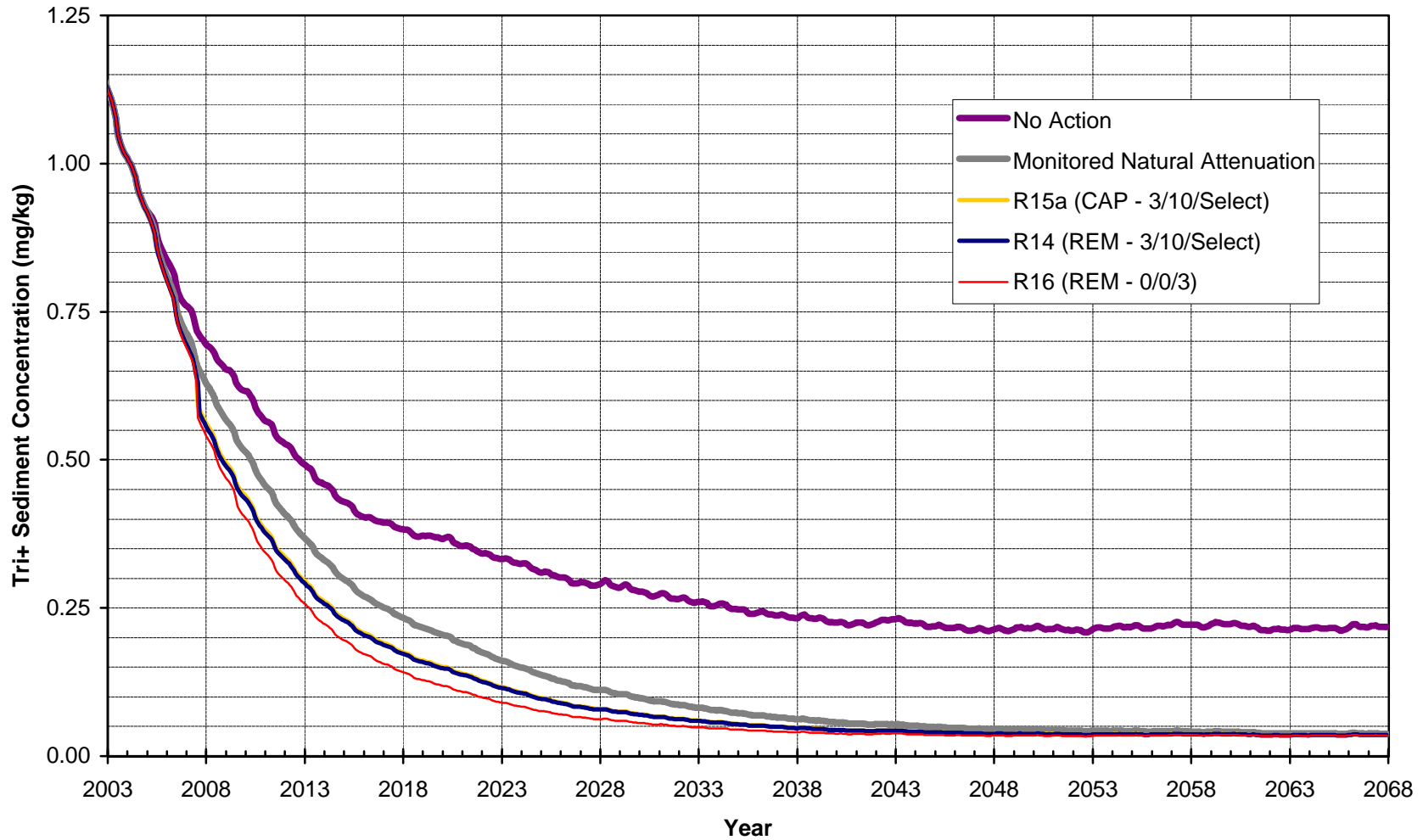


Figure 6-28. Comparison Between Forecasts for Stillwater Cohesive Surficial Sediments for Alternatives Retained for Detailed Analysis

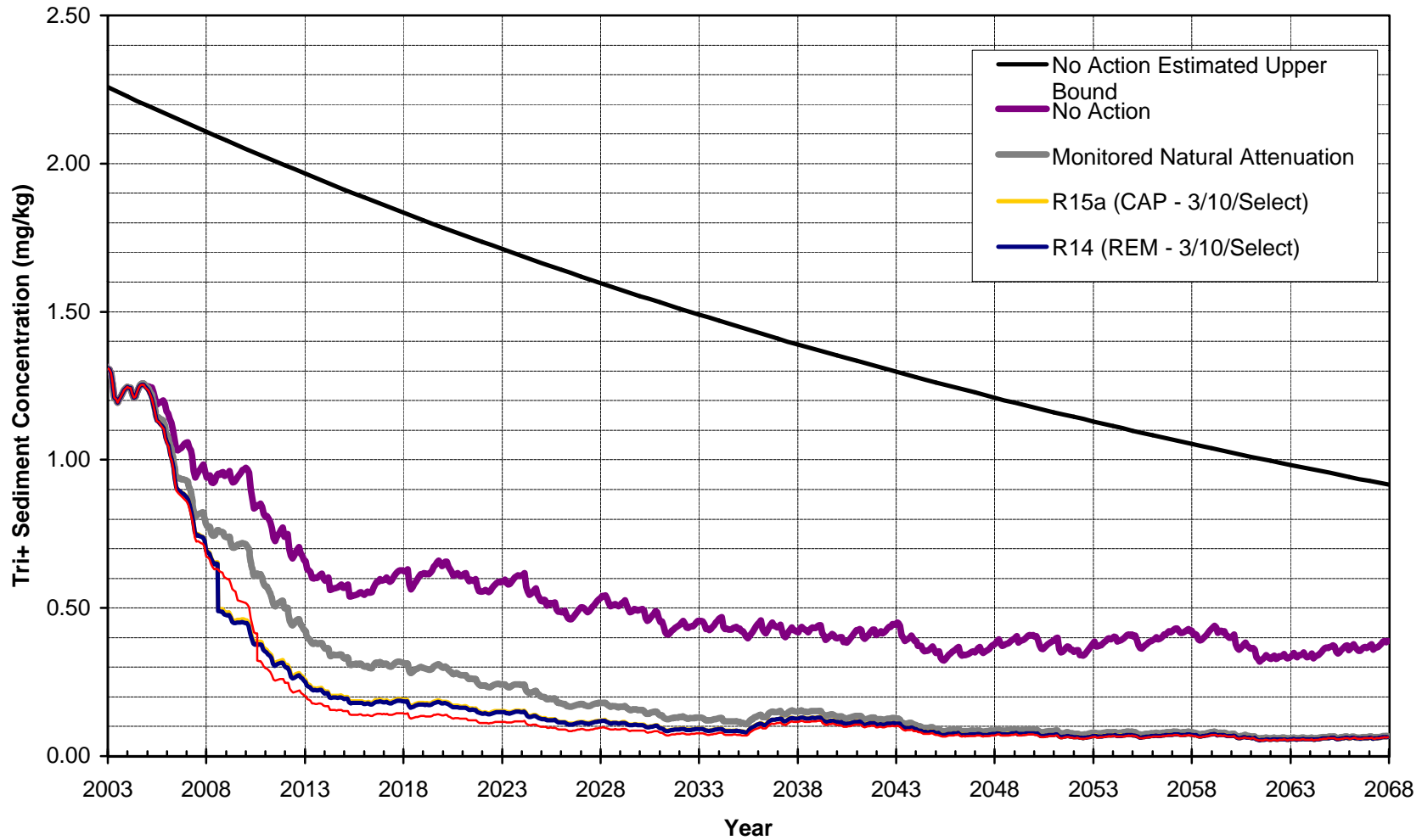


Figure 6-29. Comparison Between Forecasts for Stillwater Non-Cohesive Surficial Sediments for Alternatives Retained for Detailed Analysis

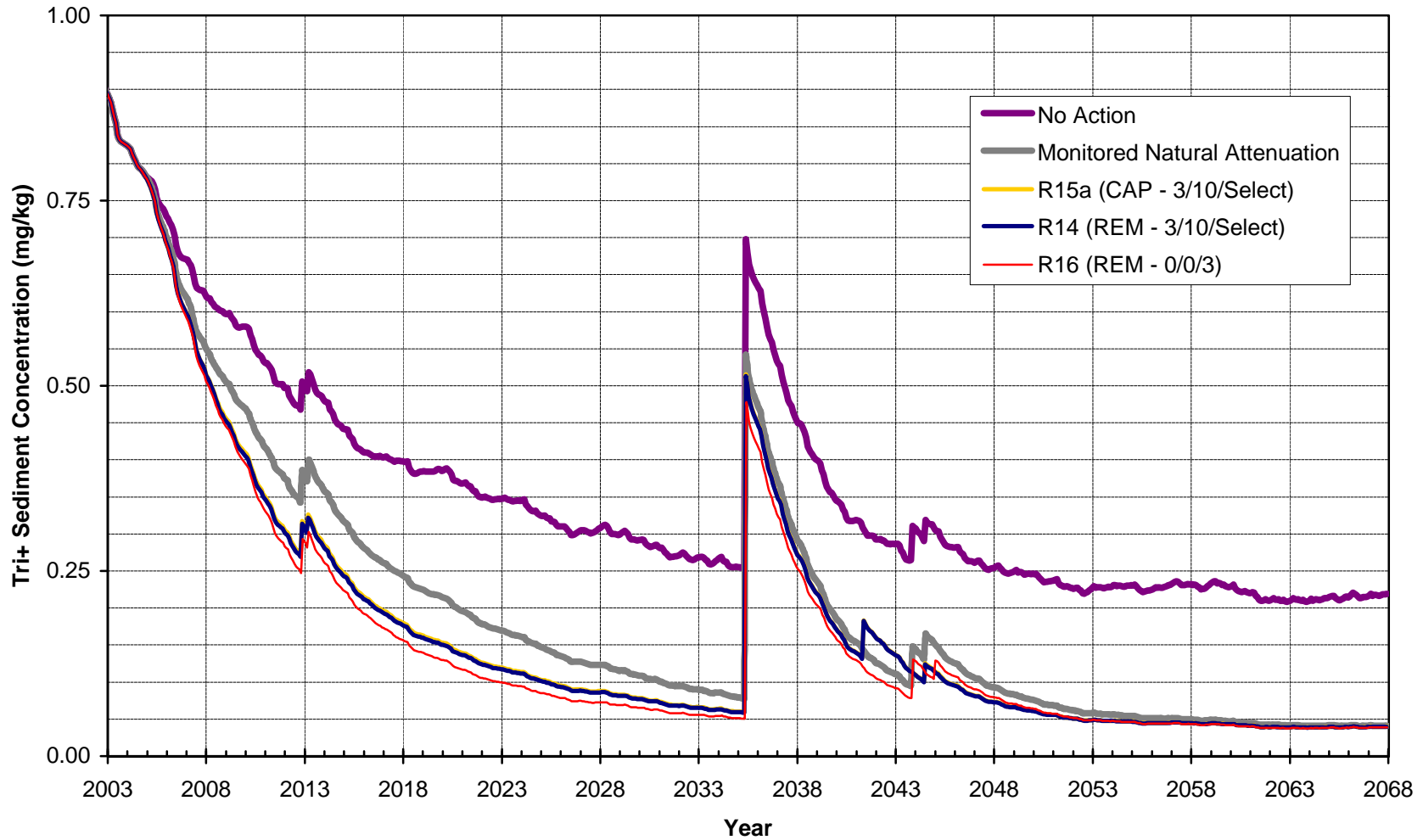


Figure 6-30. Comparison Between Forecasts for Waterford Cohesive Surficial Sediments for Alternatives Retained for Detailed Analysis

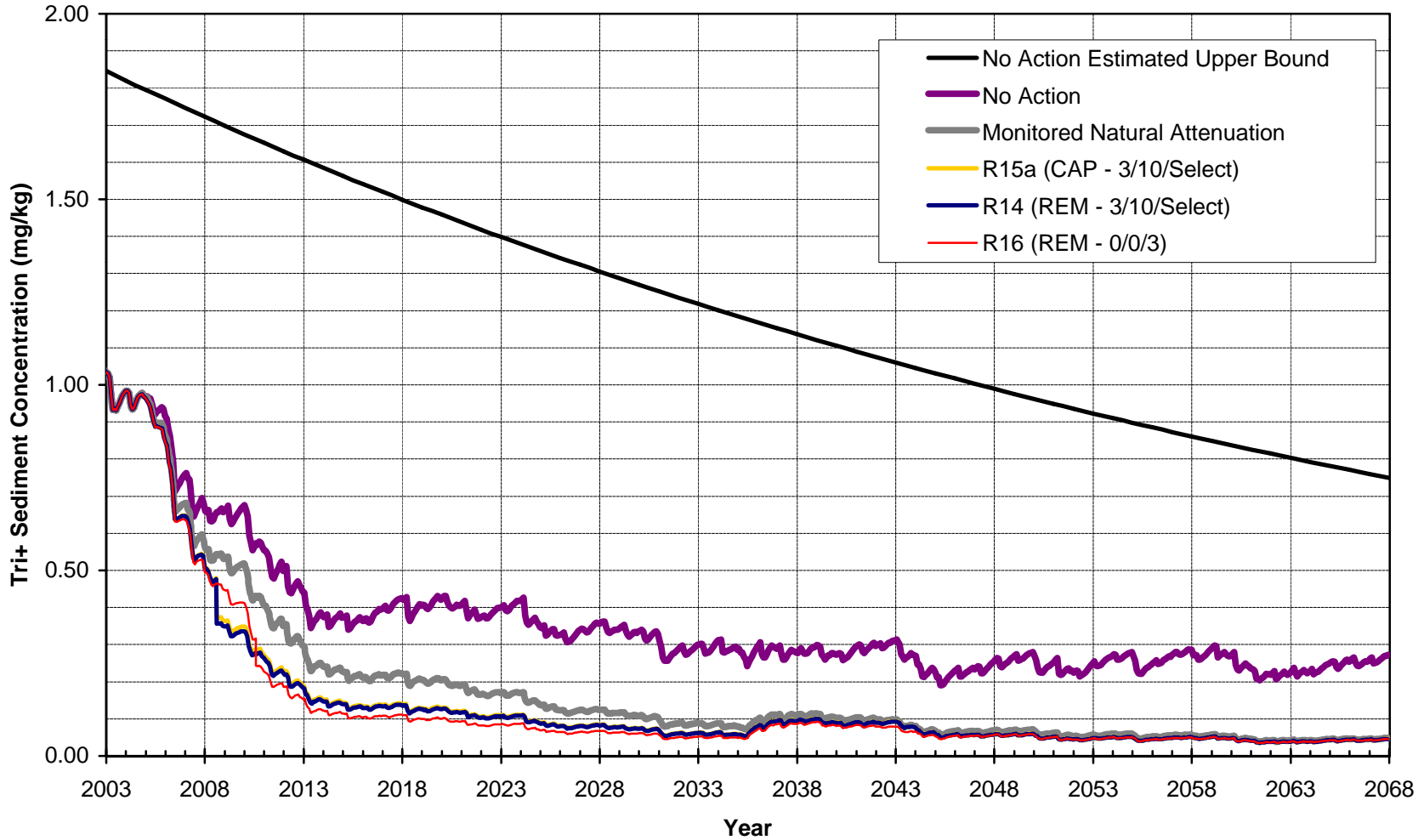


Figure 6-31. Comparison Between Forecasts for Waterford Non-Cohesive Surficial Sediments for Alternatives Retained for Detailed Analysis

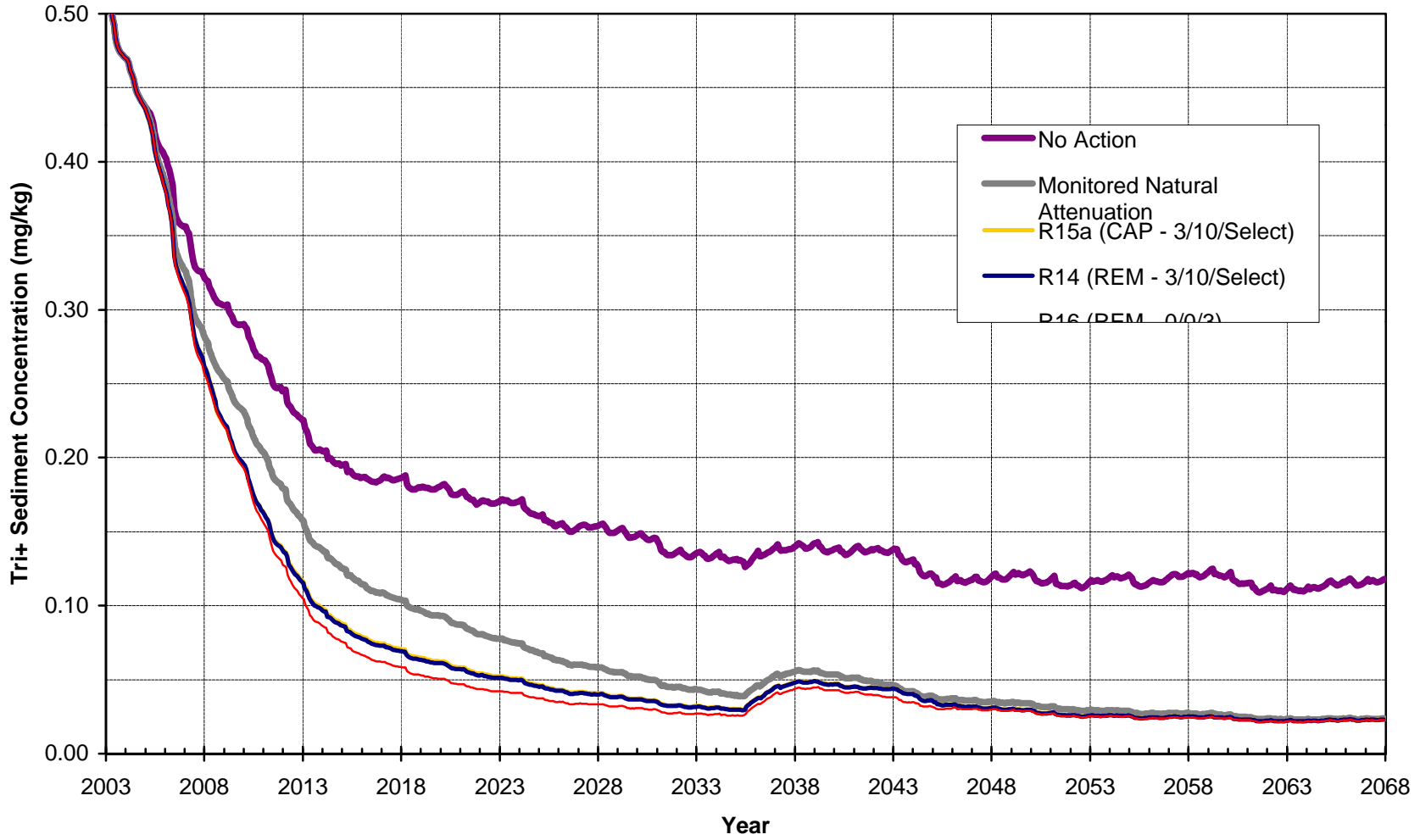


Figure 6-32. Comparison Between Forecasts for Federal Dam Non-Cohesive Surficial Sediments for Alternatives Retained for Detailed Analysis

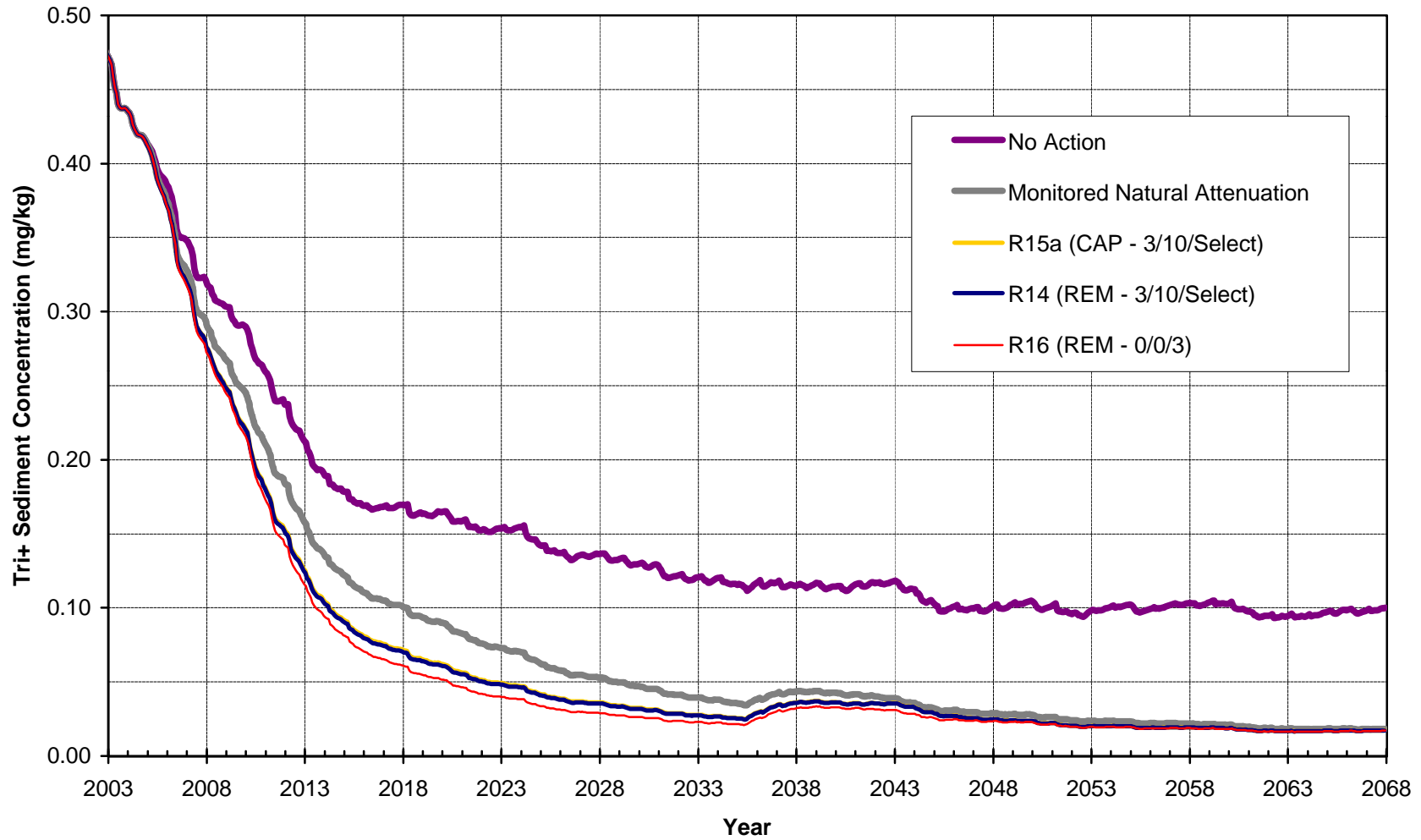


Figure 6-33. Comparison Between Water Column Total PCB Forecasts at Thompson Island Dam for Alternatives Retained for Detailed Analysis

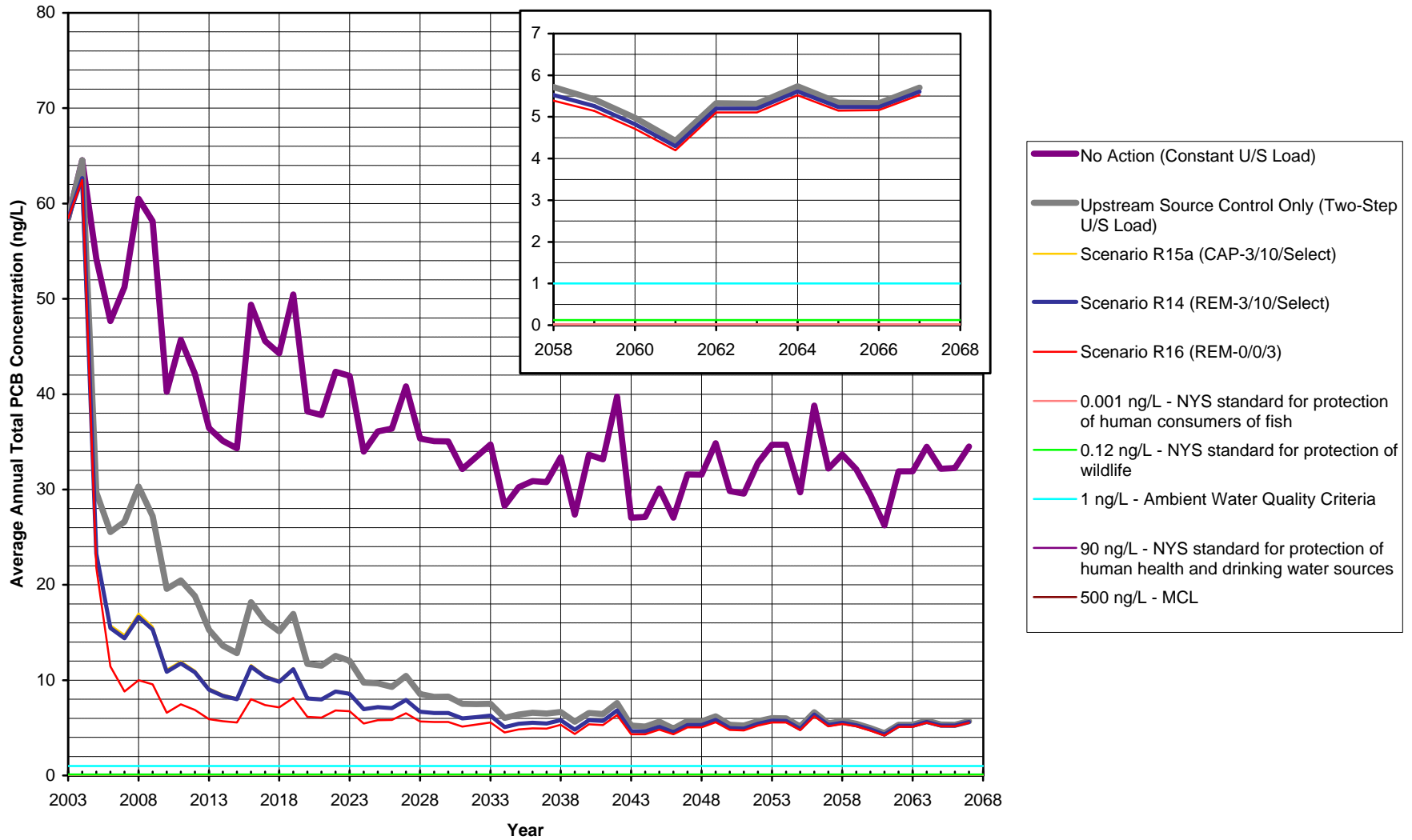


Figure 6-34. Comparison Between Water Column Total PCB Forecasts at Schuylerville for Alternatives Retained for Detailed Analysis

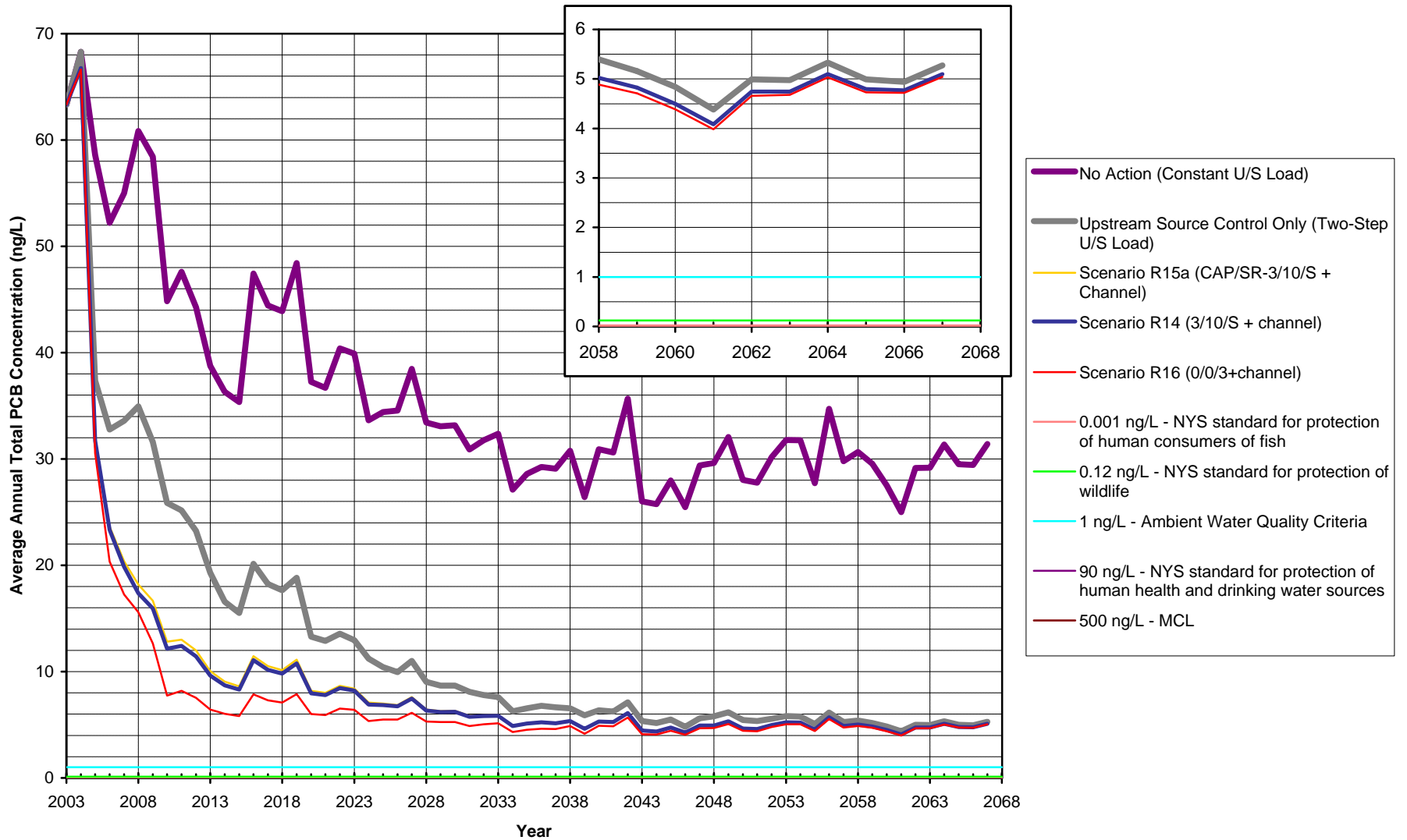


Figure 6-35. Comparison Between Water Column Total PCB Forecasts at Stillwater for Alternatives Retained for Detailed Analysis

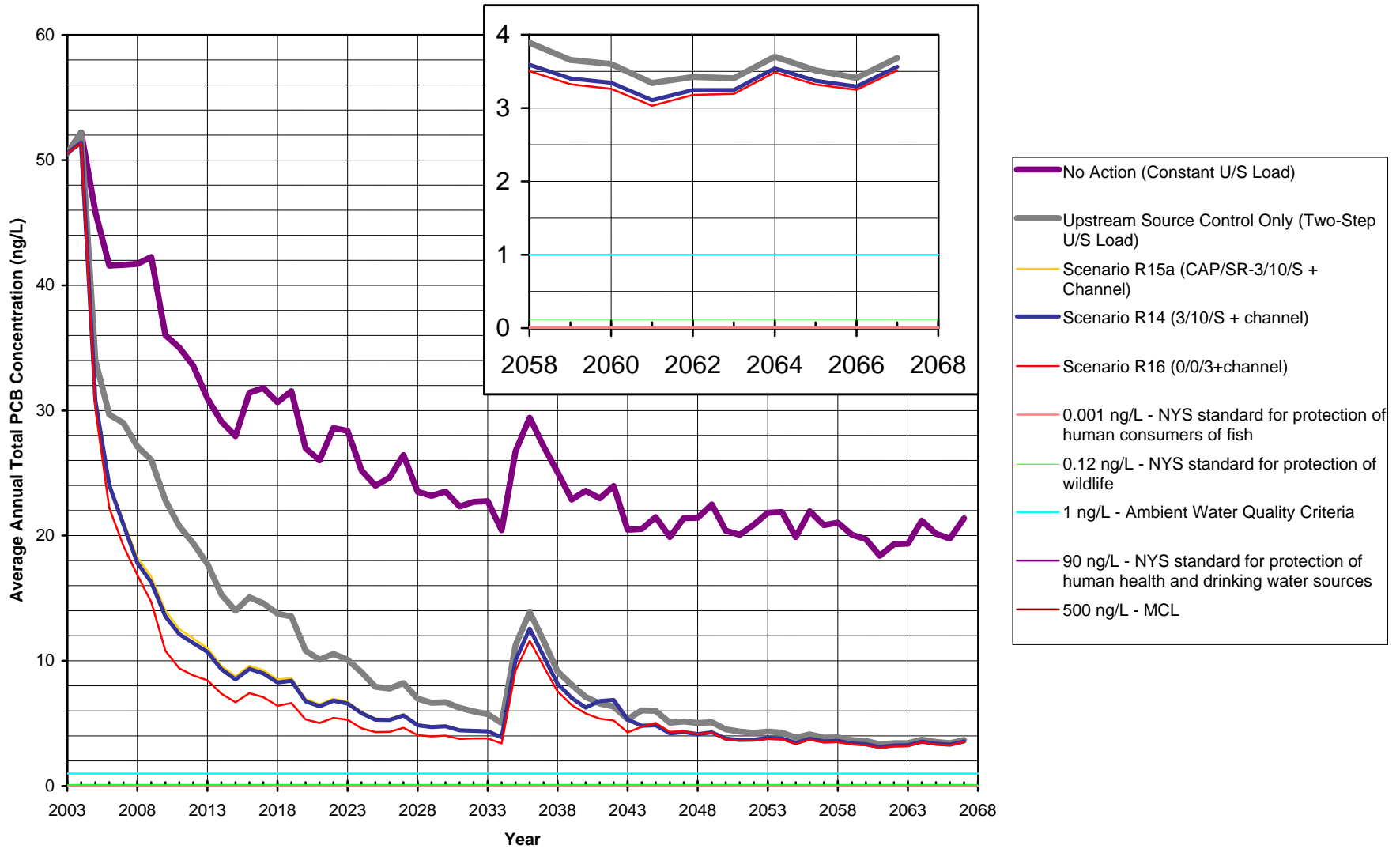


Figure 6-36. Comparison Between Water Column Total PCB Forecasts at Waterford for Alternatives Retained for Detailed Analysis

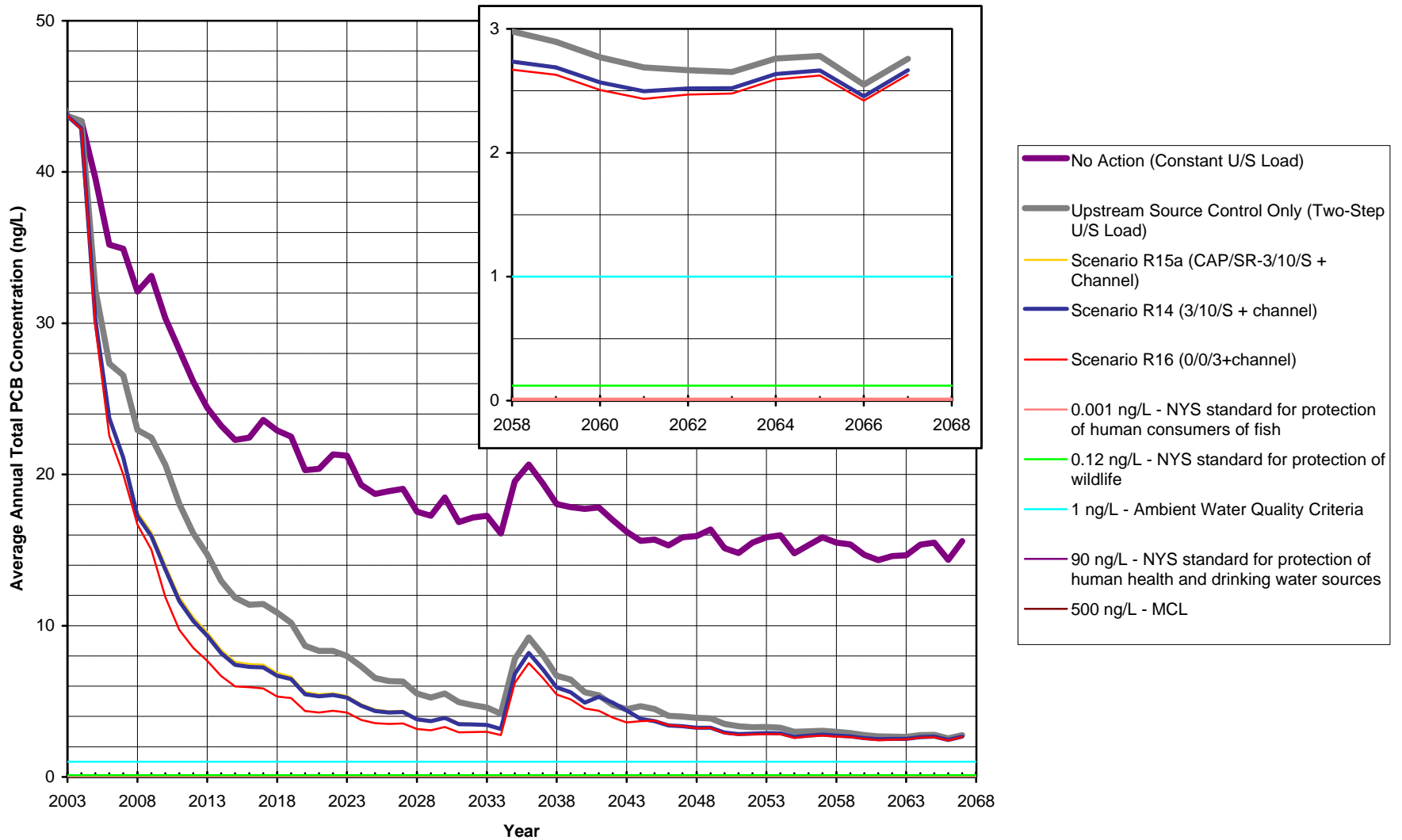


Figure 6-37. Comparison Between Water Column Total PCB Forecasts at Federal Dam for Alternatives Retained for Detailed Analysis

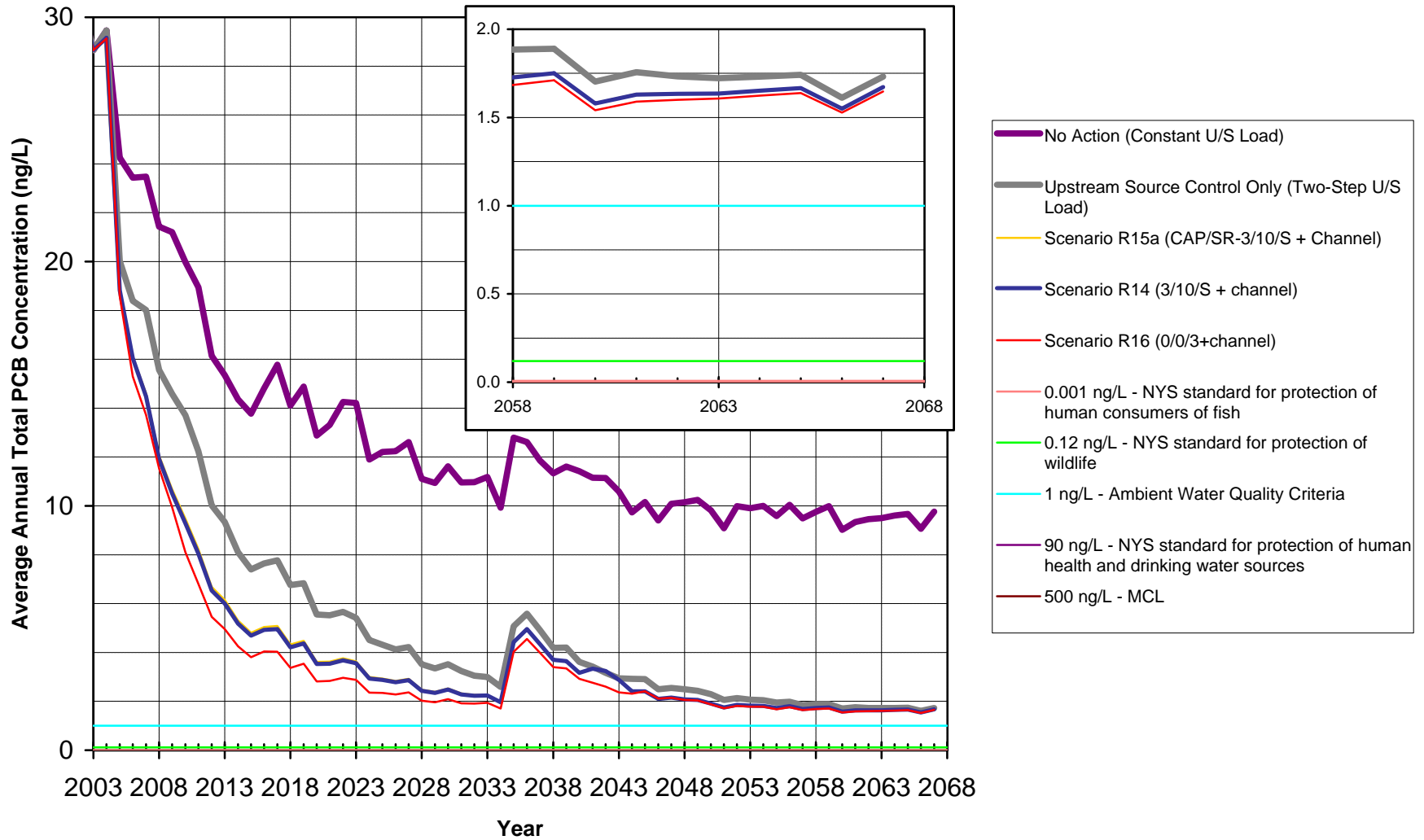


Figure 6-38. Comparison between Species-Weighted Fish Fillet Average PCB Concentration in River Section 1 for Alternatives Retained for Detailed Analysis

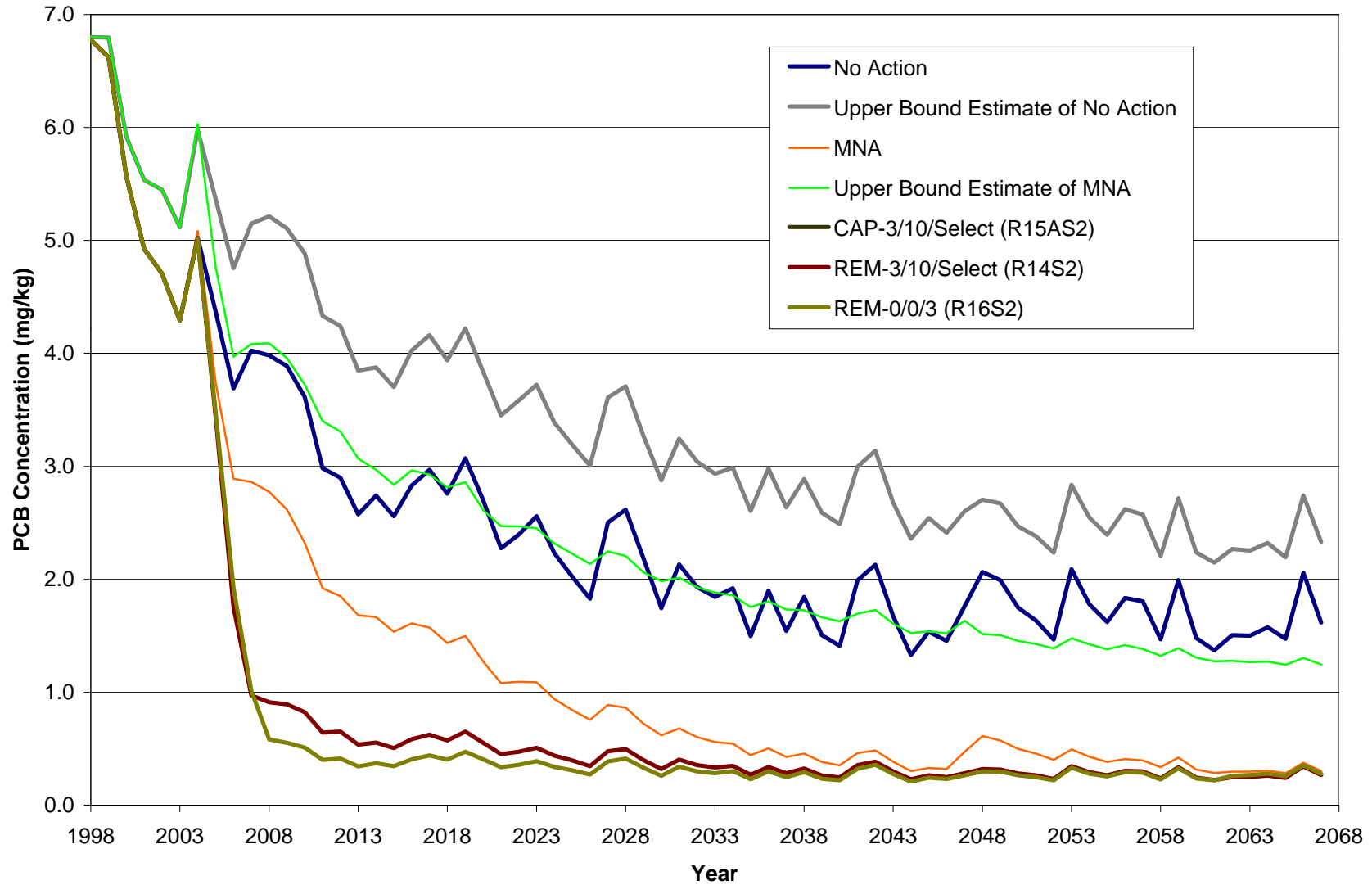


Figure 6-39. Comparison between Species-Weighted Fish Fillet Average PCB Concentration in River Section 2 for Alternatives Retained for Detailed Analysis

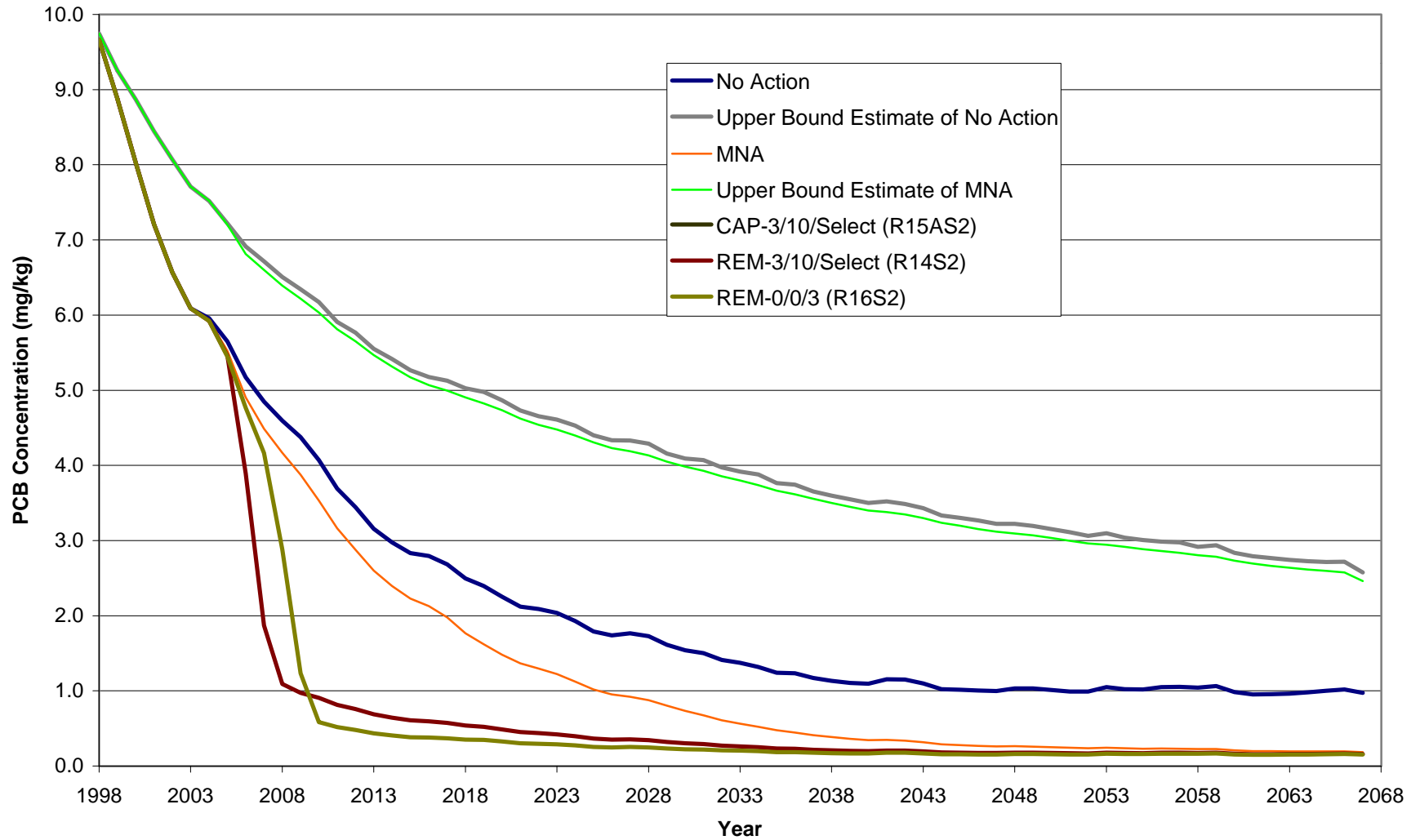


Figure 6-40. Comparison between Species-Weighted Fish Fillet Average PCB Concentration in River Section 3 for Alternatives Retained for Detailed Analysis

