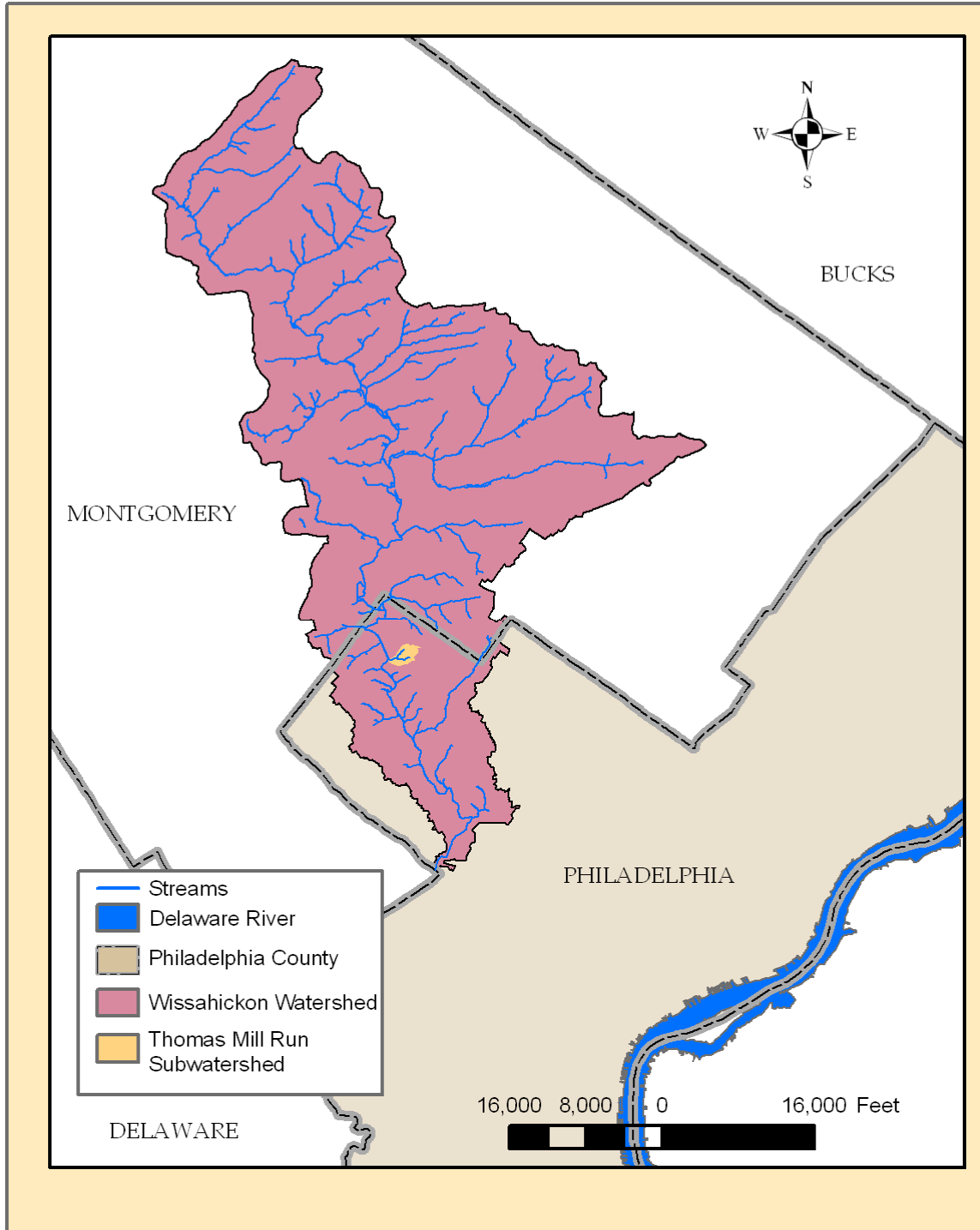


APPENDIX D
UNIFIED STREAM ASSESSMENT METHODOLOGY

Wissahickon Creek Watershed Stream Assessment Report
Thomas Mill Run Subwatershed

APPENDIX D1: THOMAS MILL RUN



SECTION D1-1: OVERALL STREAM CONDITION

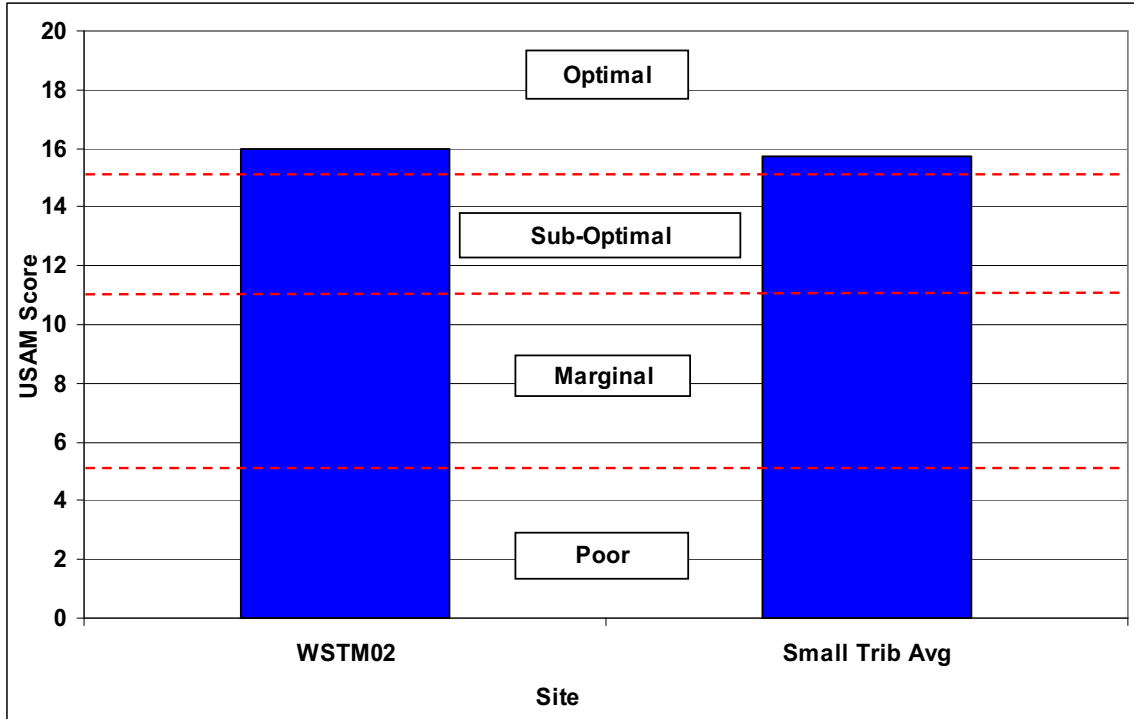


Figure D1-1: Instream Habitat

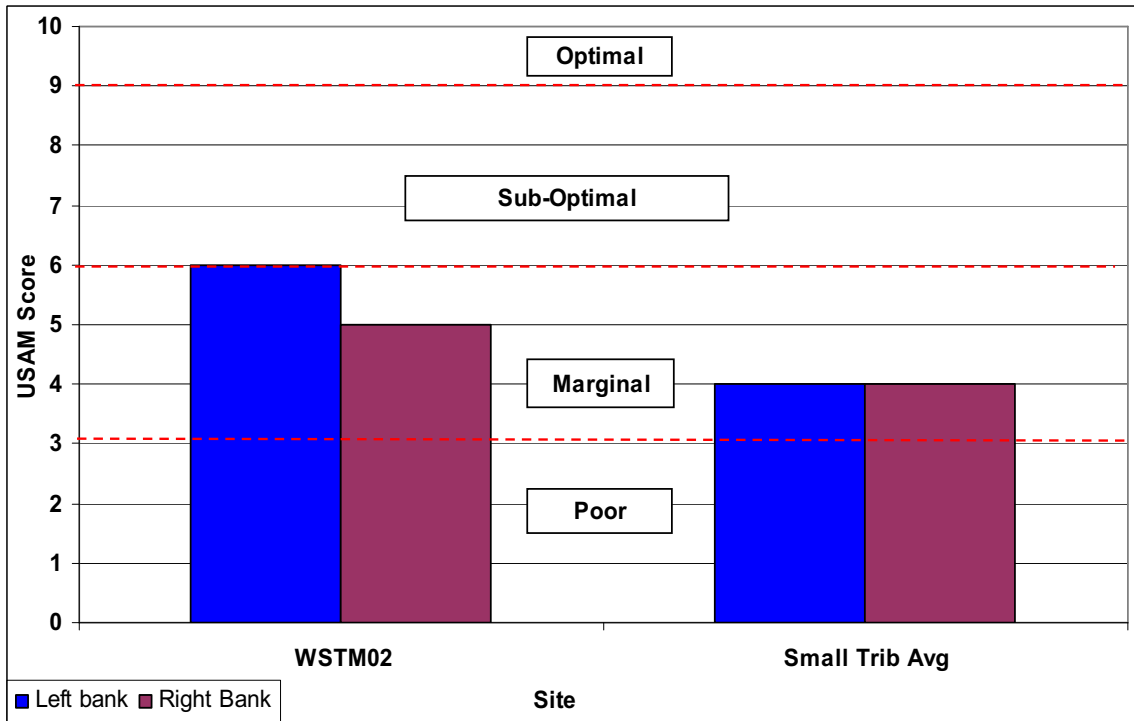


Figure D1-2: Vegetative Protection

Wissahickon Creek Watershed Stream Assessment Report
Thomas Mill Run Subwatershed

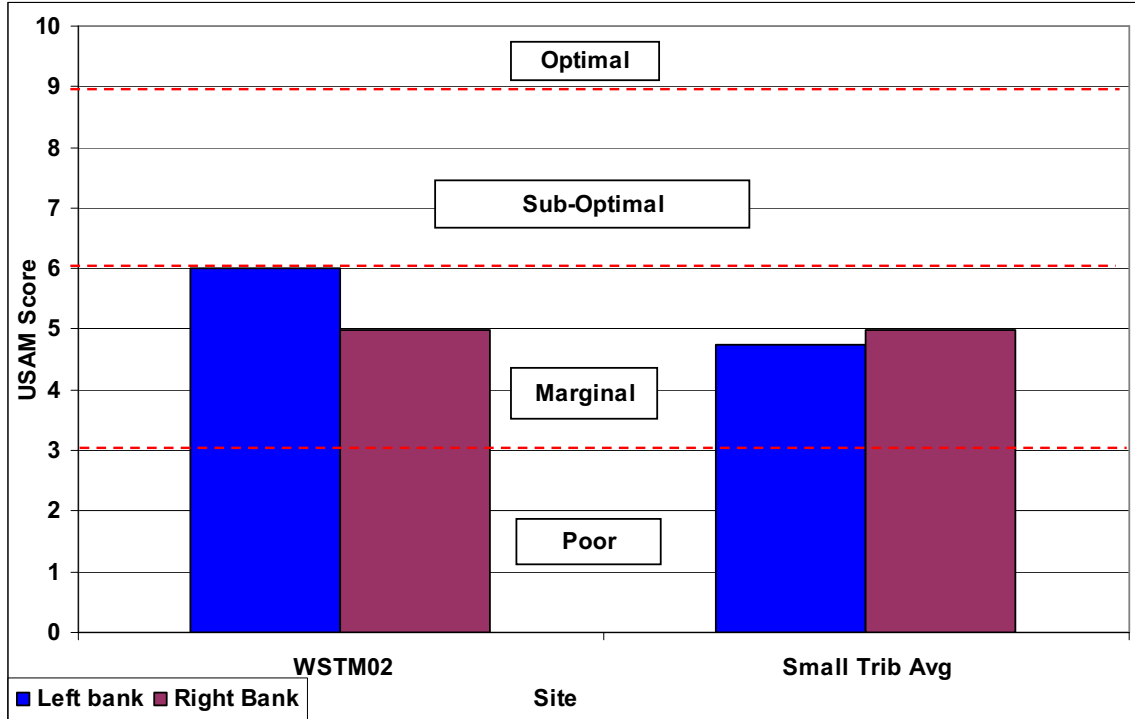


Figure D1-3: Bank Erosion

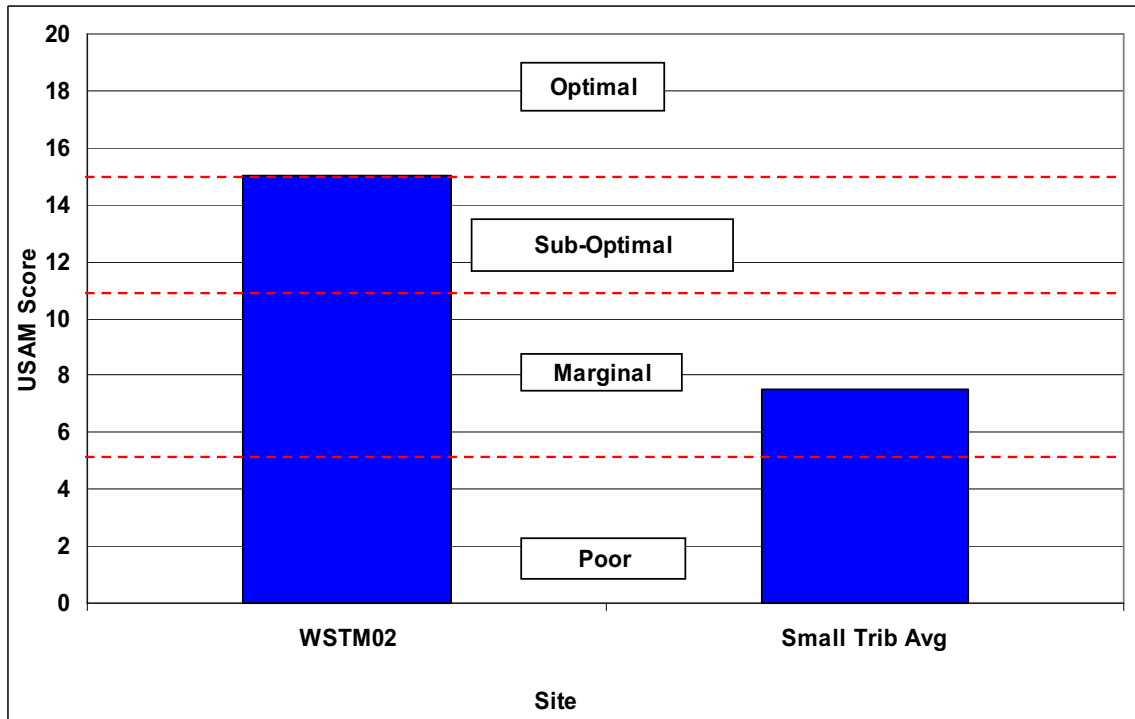


Figure D1-4: Floodplain Connection

SECTION D1-2: BUFFER/FLOODPLAIN CONDITION

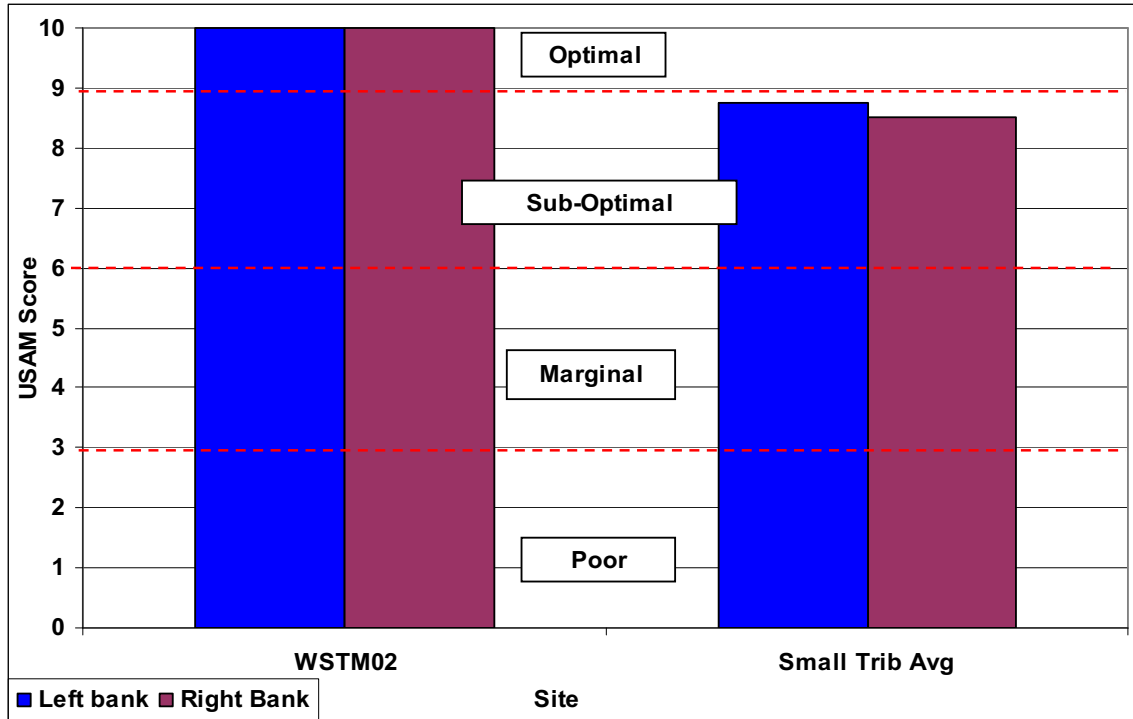


Figure D1-5: Vegetated Buffer Width

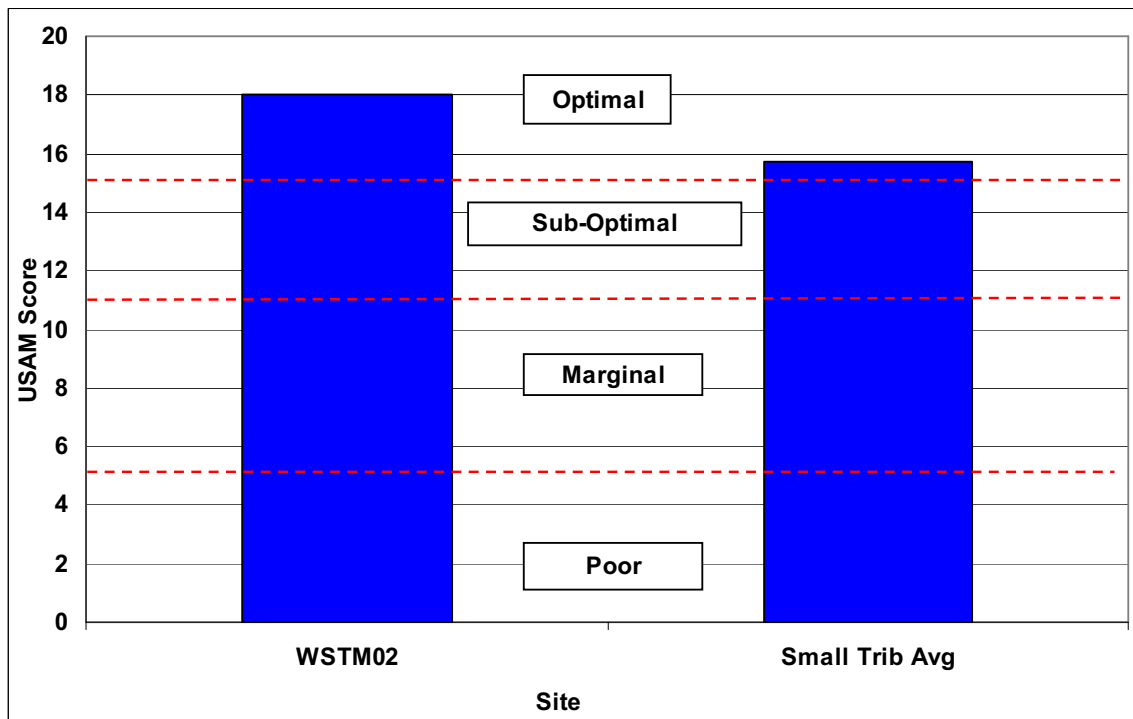


Figure D1-6: Floodplain Vegetation

Wissahickon Creek Watershed Stream Assessment Report
Thomas Mill Run Subwatershed

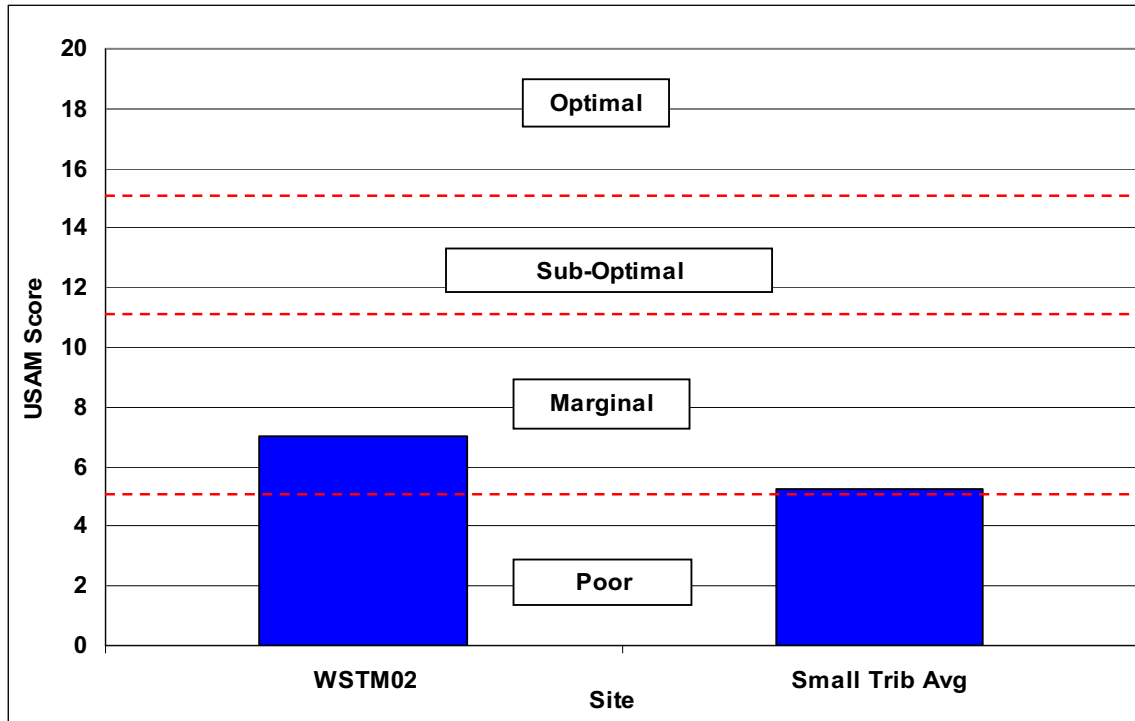


Figure D1-7: Floodplain Habitat

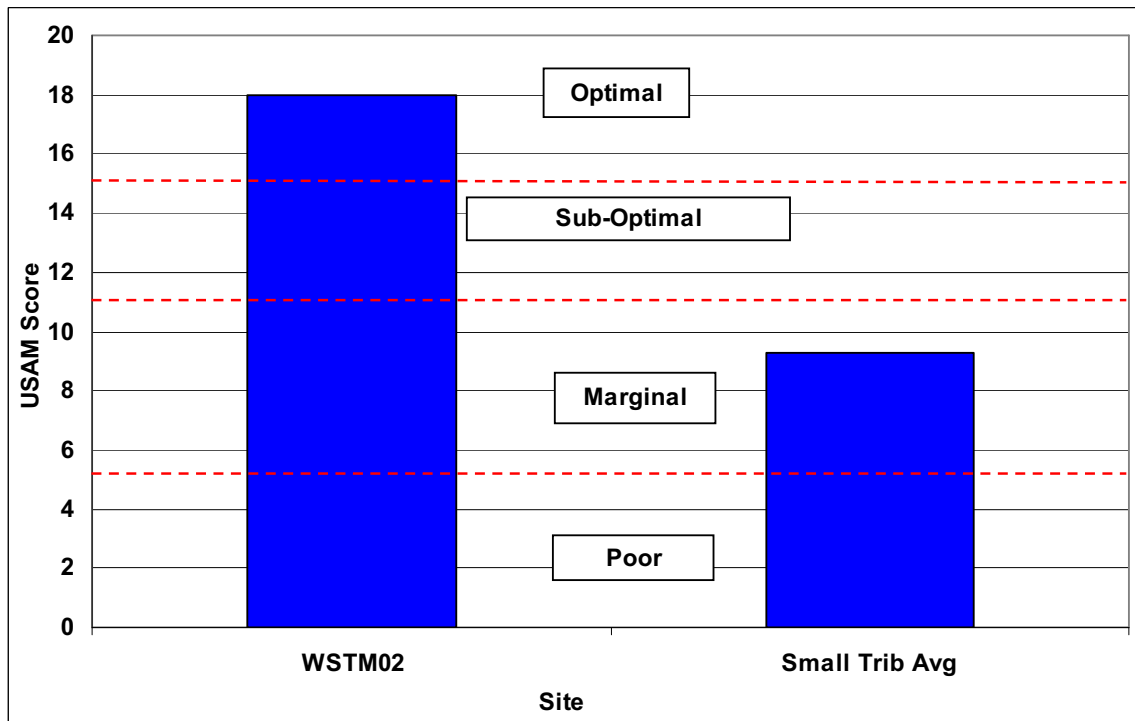
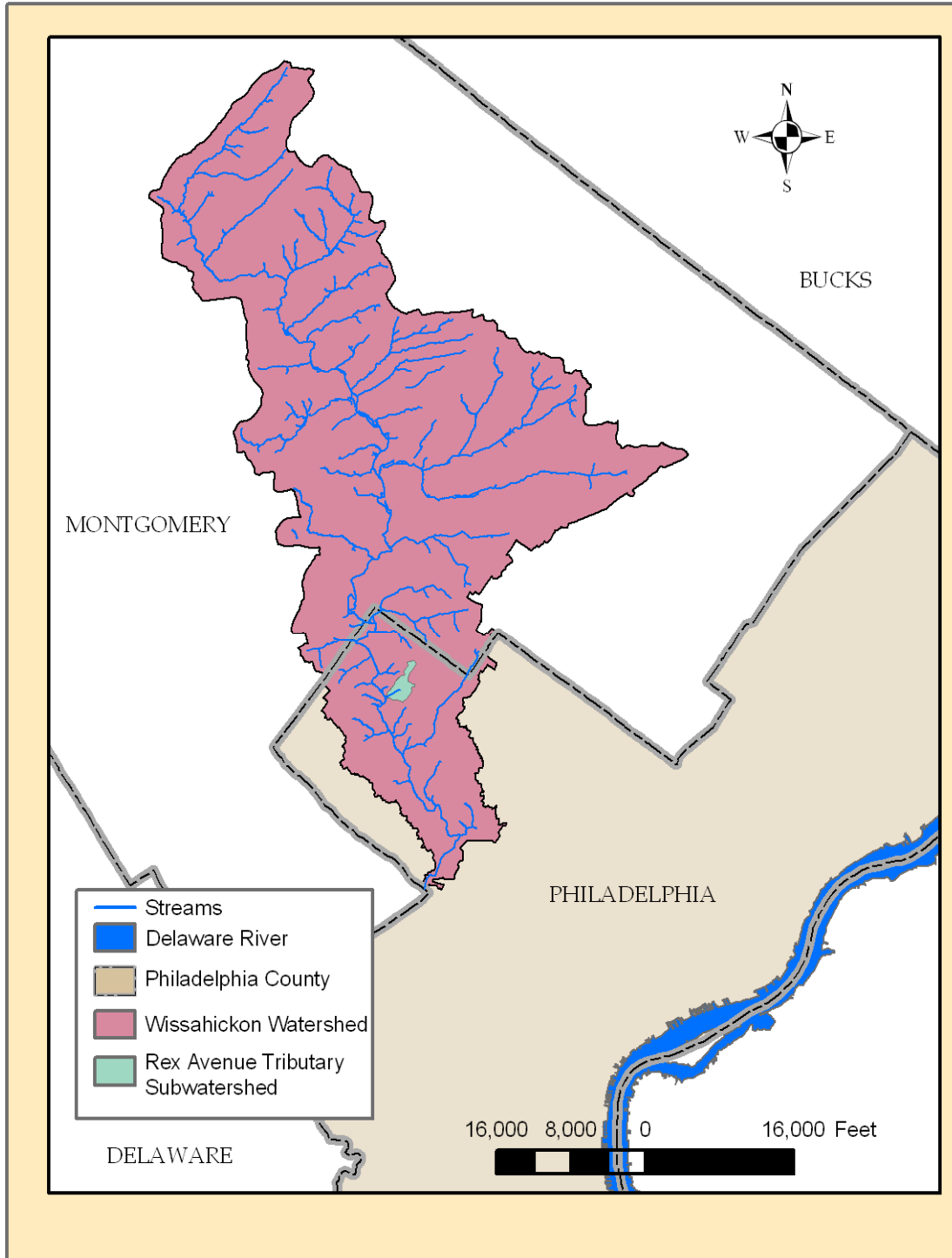


Figure D1-8: Floodplain Encroachment

Wissahickon Creek Watershed Stream Assessment Report
Mainstem Tributary I Subwatershed

APPENDIX D2: MAINSTEM TRIBUTARY I (REX AVE)



SECTION D2-1: OVERALL STREAM CONDITION

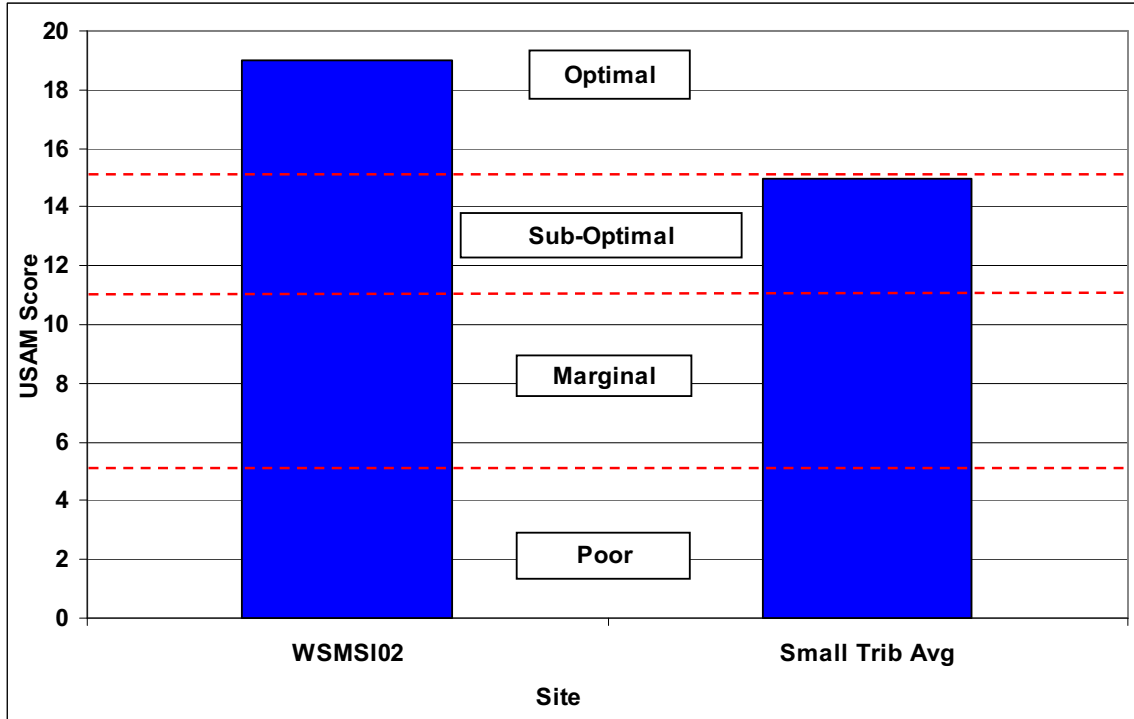


Figure D2-1: Instream Habitat

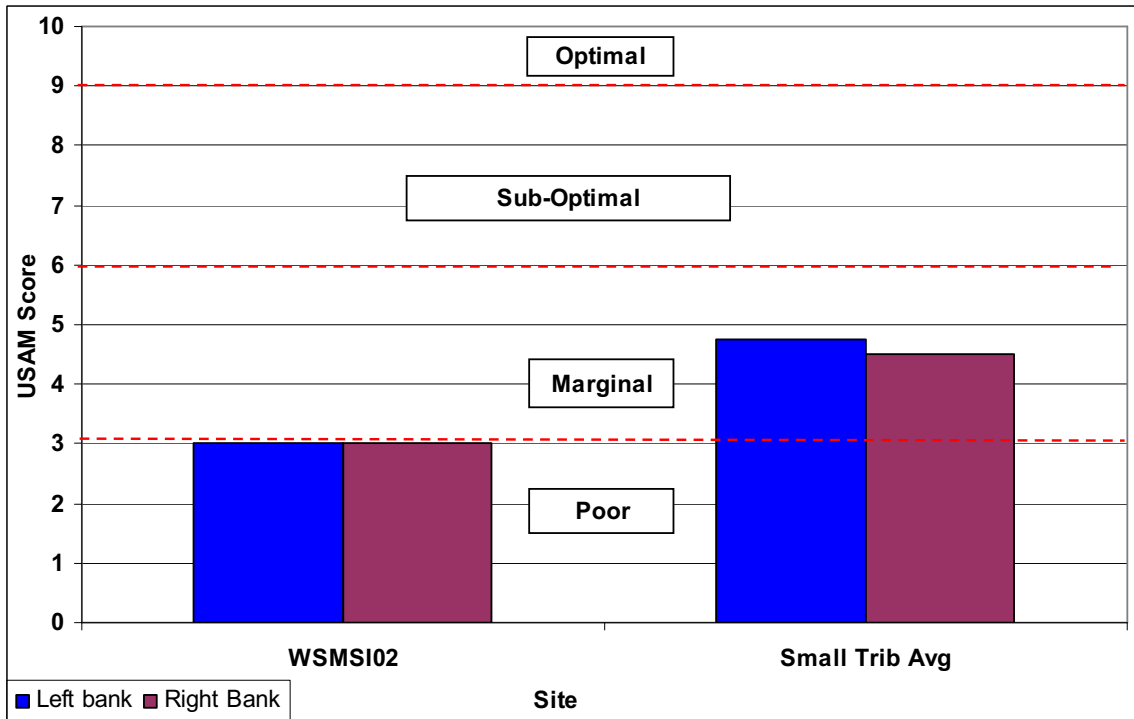


Figure D2-2: Vegetative Protection

Wissahickon Creek Watershed Stream Assessment Report
Mainstem Tributary I Subwatershed

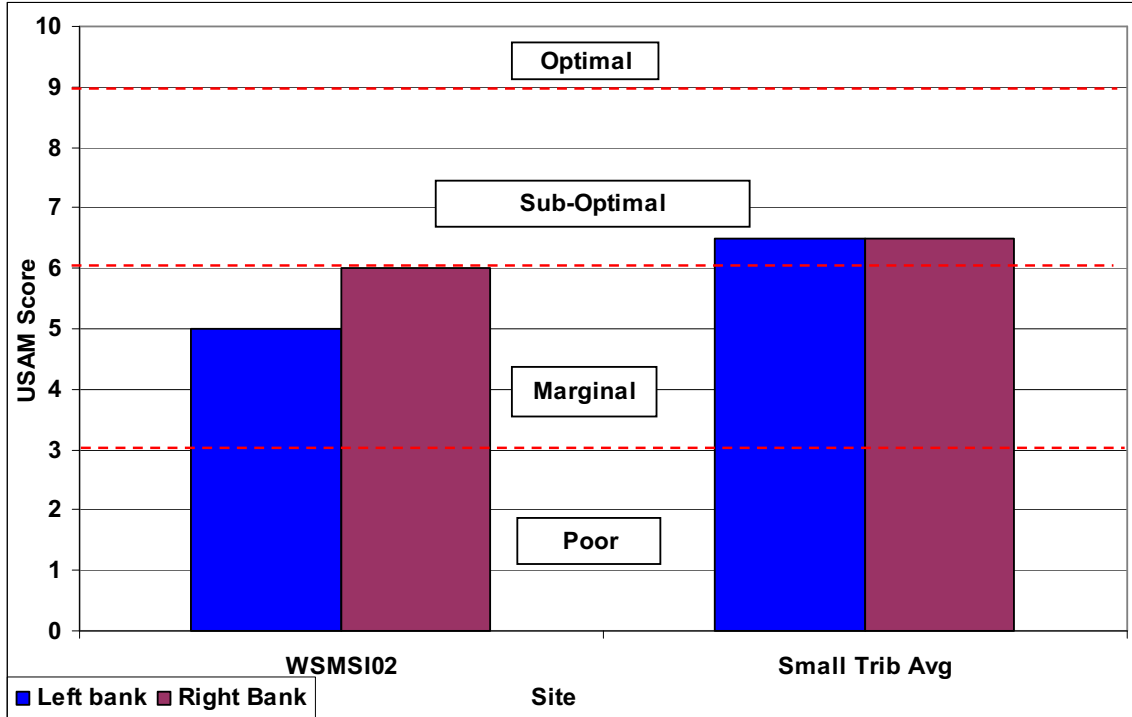


Figure D2-3: Bank Erosion

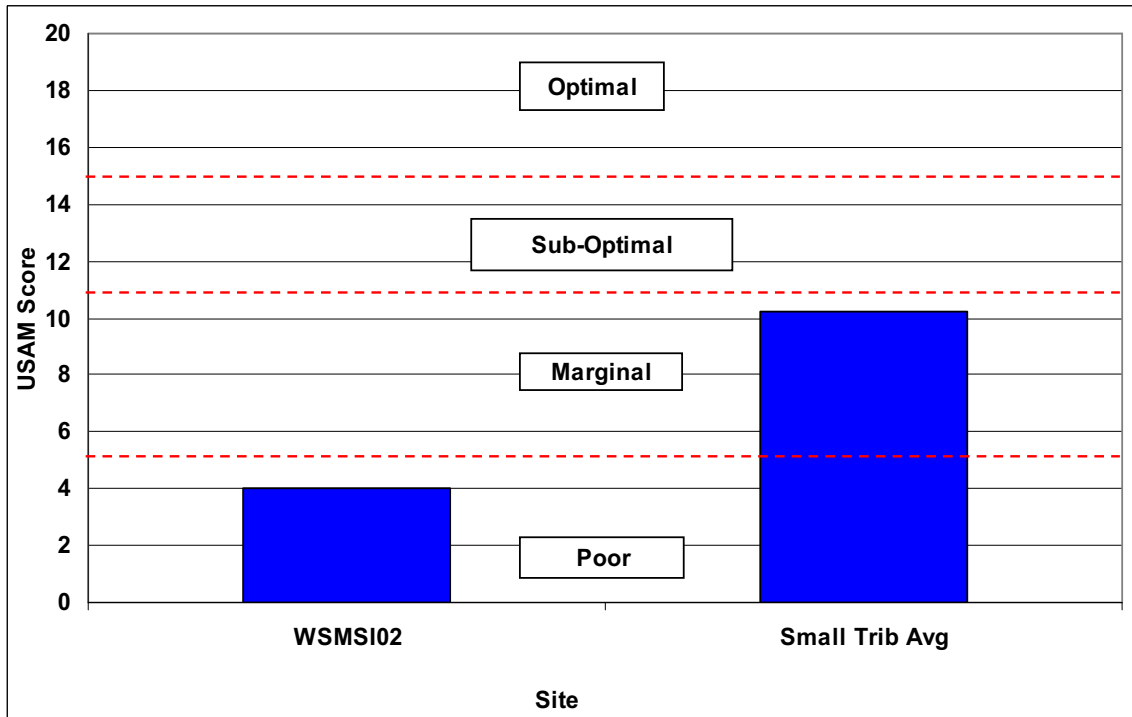


Figure D2-4: Floodplain Connection

SECTION D2-2: BUFFER/FLOODPLAIN CONDITION

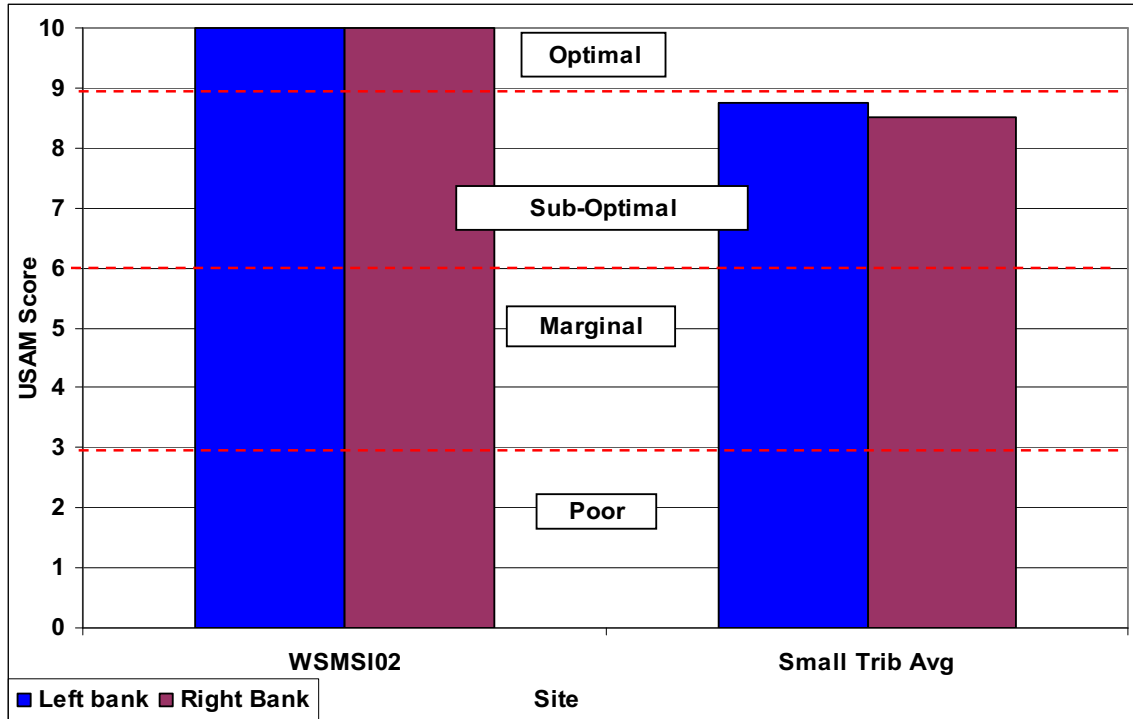


Figure D2-5: Vegetated Buffer Width

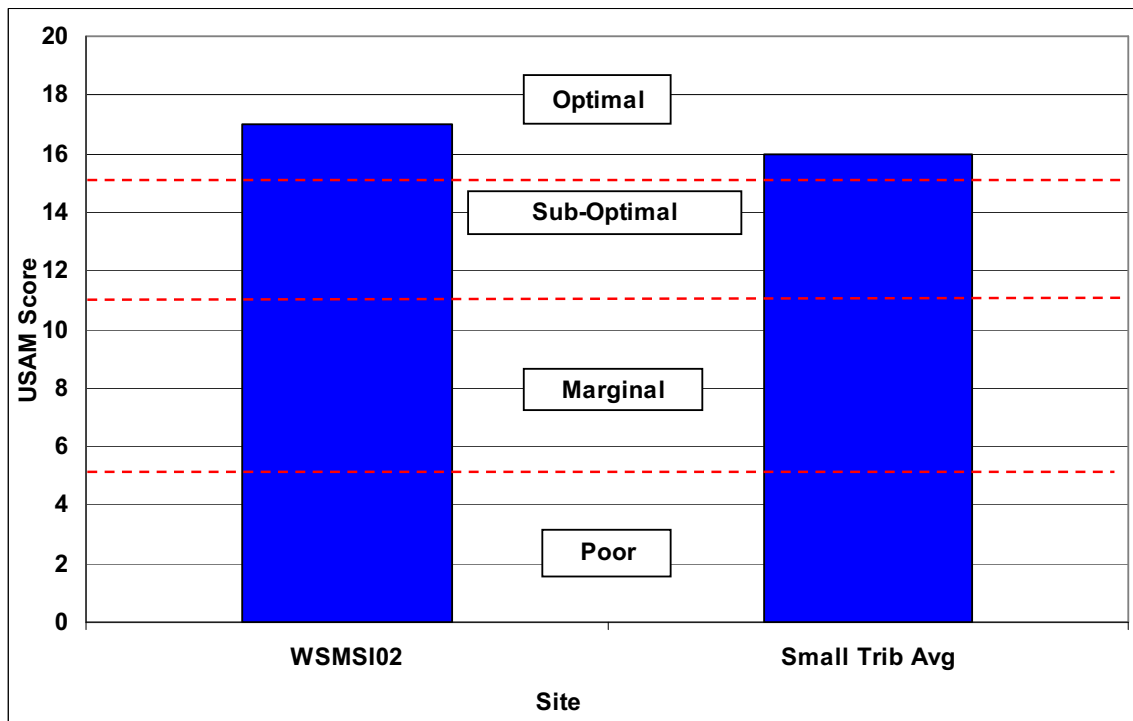


Figure D2-6: Floodplain Vegetation

Wissahickon Creek Watershed Stream Assessment Report
Mainstem Tributary I Subwatershed

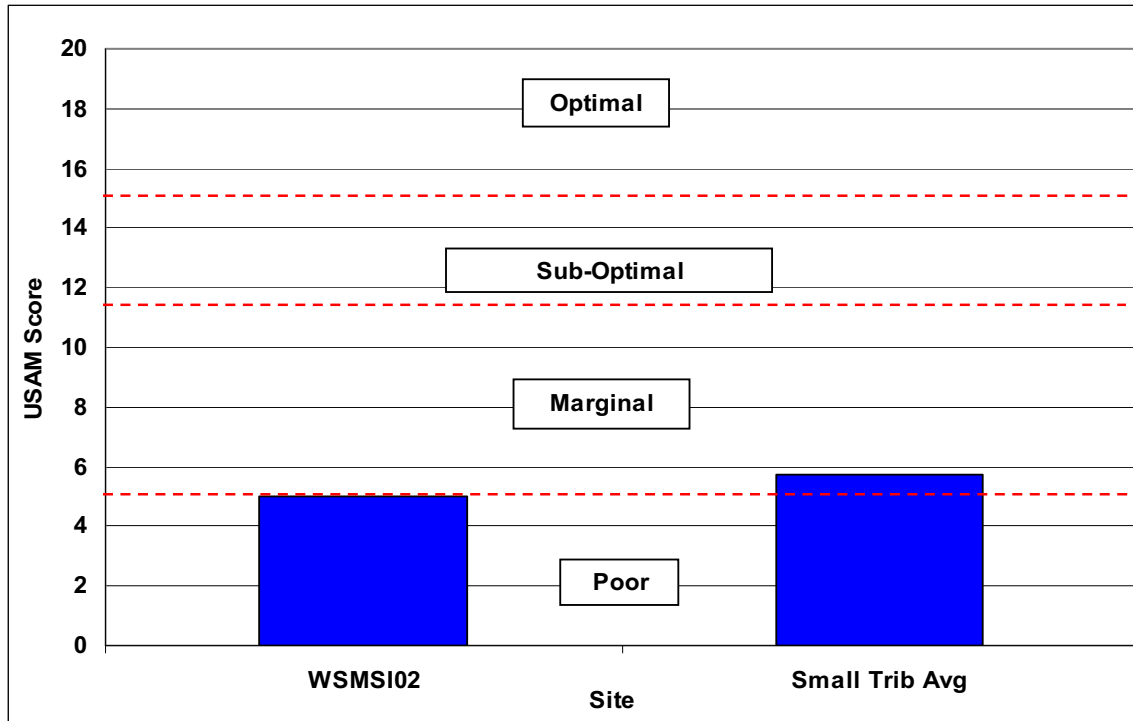


Figure D2-7: Floodplain Habitat

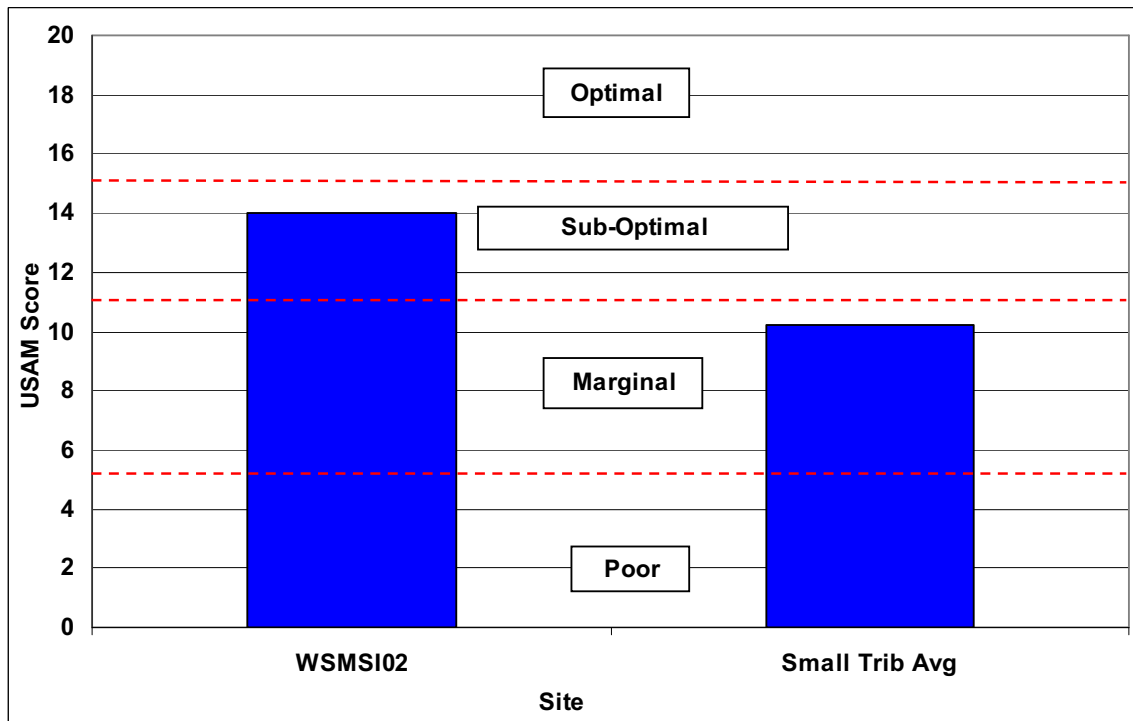
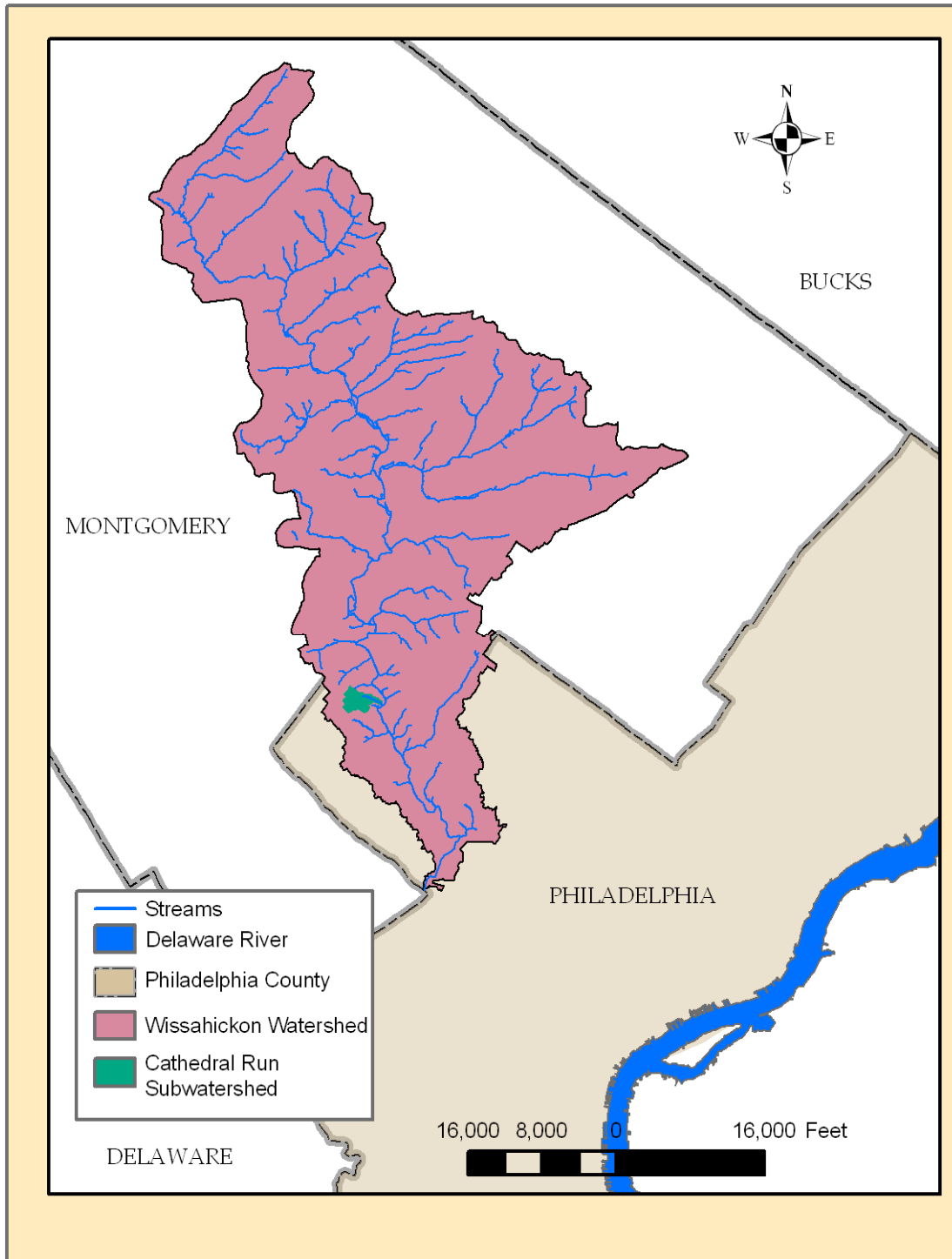


Figure D2-8: Floodplain Encroachment

Wissahickon Creek Watershed Stream Assessment Report
Cathedral Run Subwatershed

APPENDIX D3: CATHEDRAL RUN



SECTION D3-1: OVERALL STREAM CONDITION

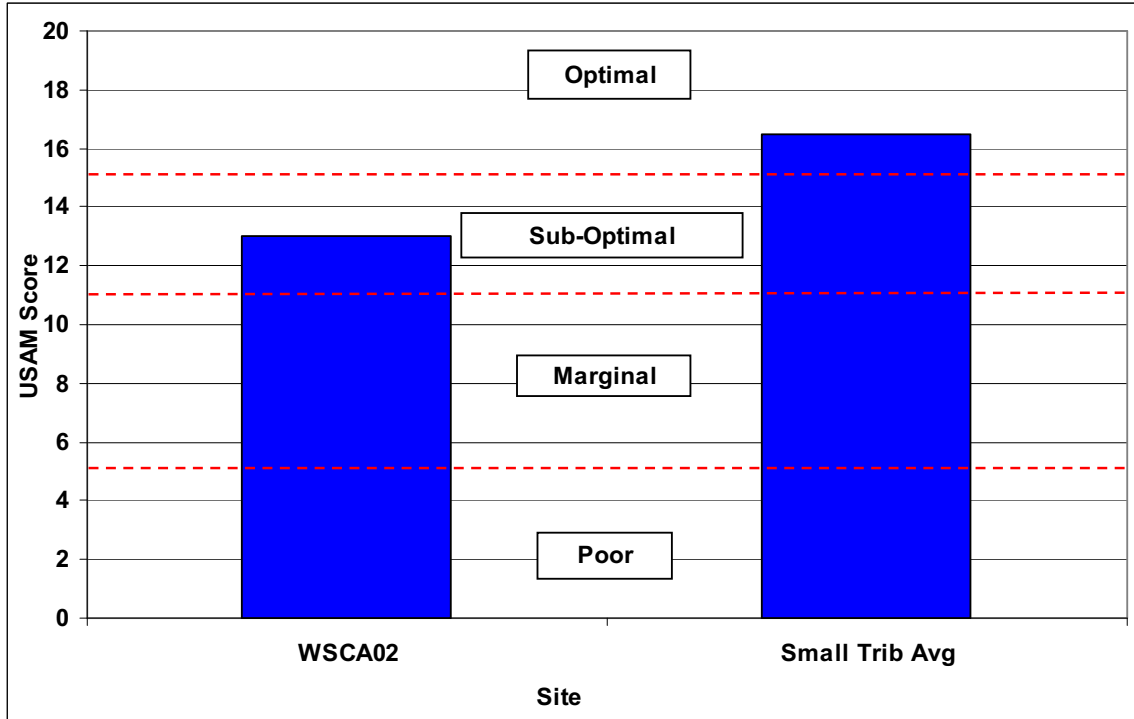


Figure D3-1: Instream Habitat

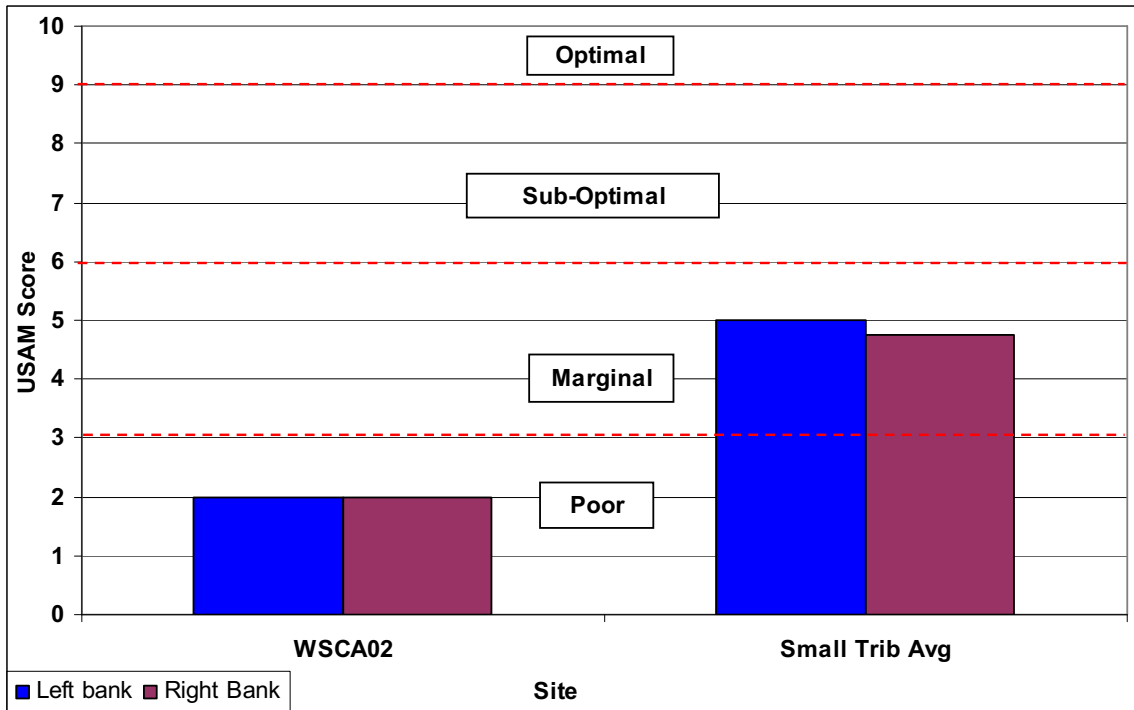


Figure D3-2: Vegetative Protection

Wissahickon Creek Watershed Stream Assessment Report
Cathedral Run Subwatershed

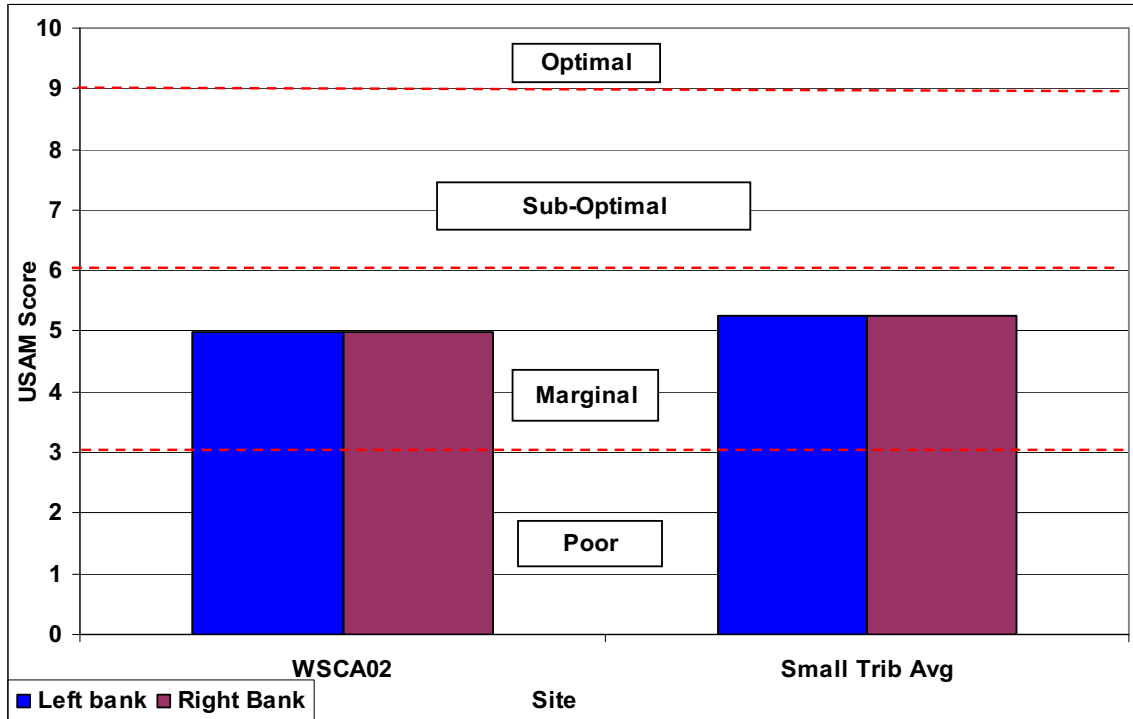


Figure D3-3: Bank Erosion

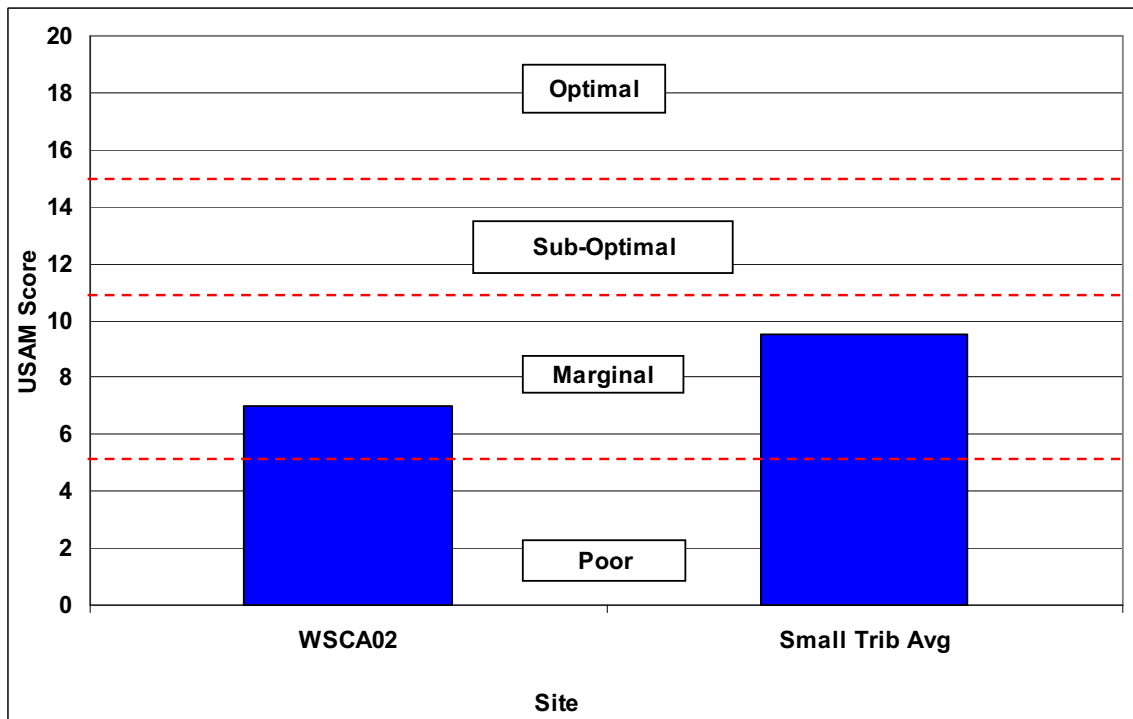


Figure D3-4: Floodplain Connection

SECTION D3-2: BUFFER/FLOODPLAIN CONDITION

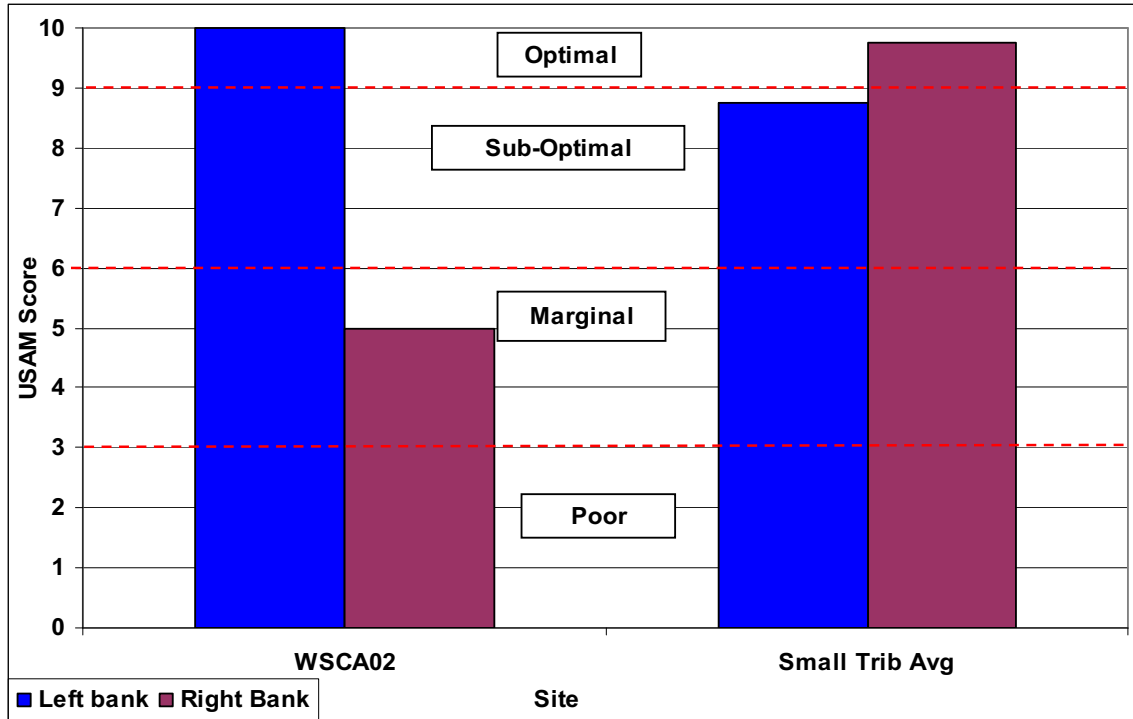


Figure D3-5: Vegetated Buffer Width

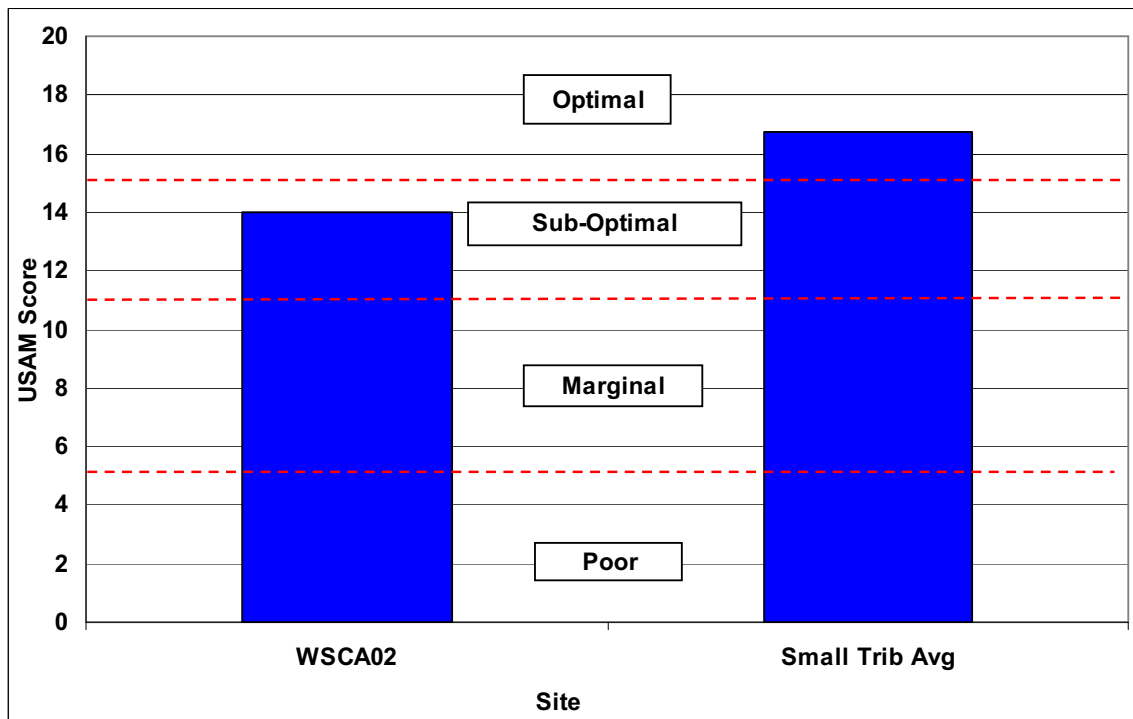


Figure D3-6: Floodplain Vegetation

Wissahickon Creek Watershed Stream Assessment Report
Cathedral Run Subwatershed

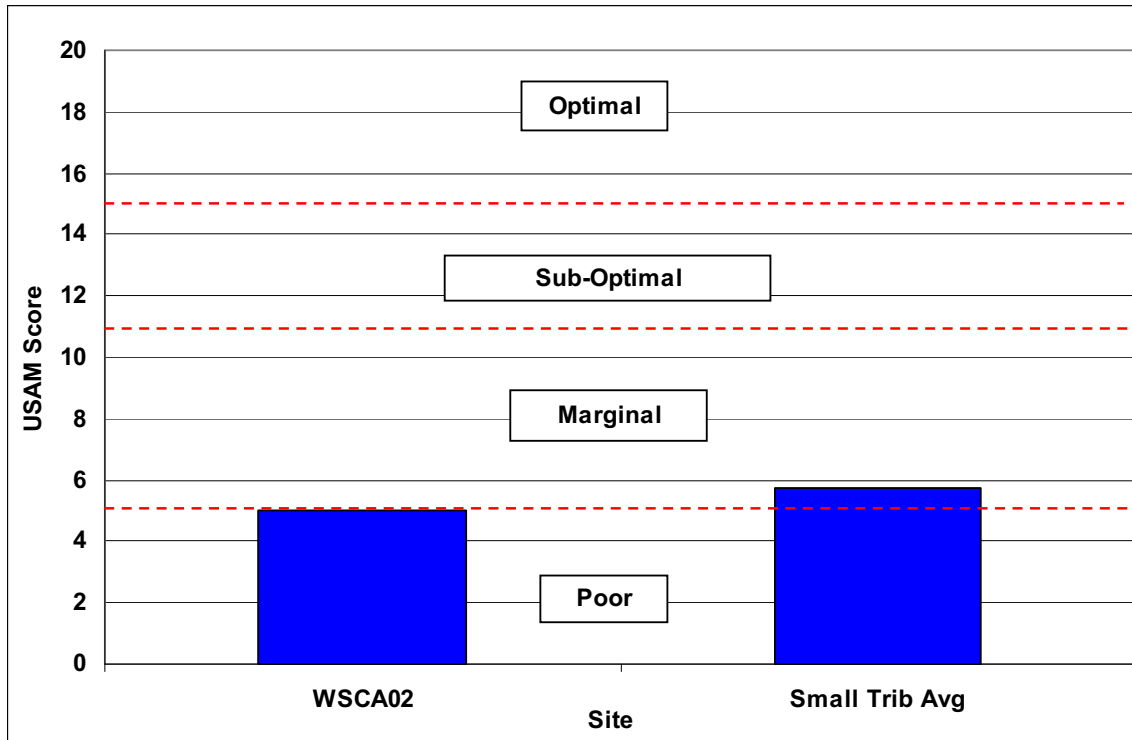


Figure D3-7: Floodplain Habitat

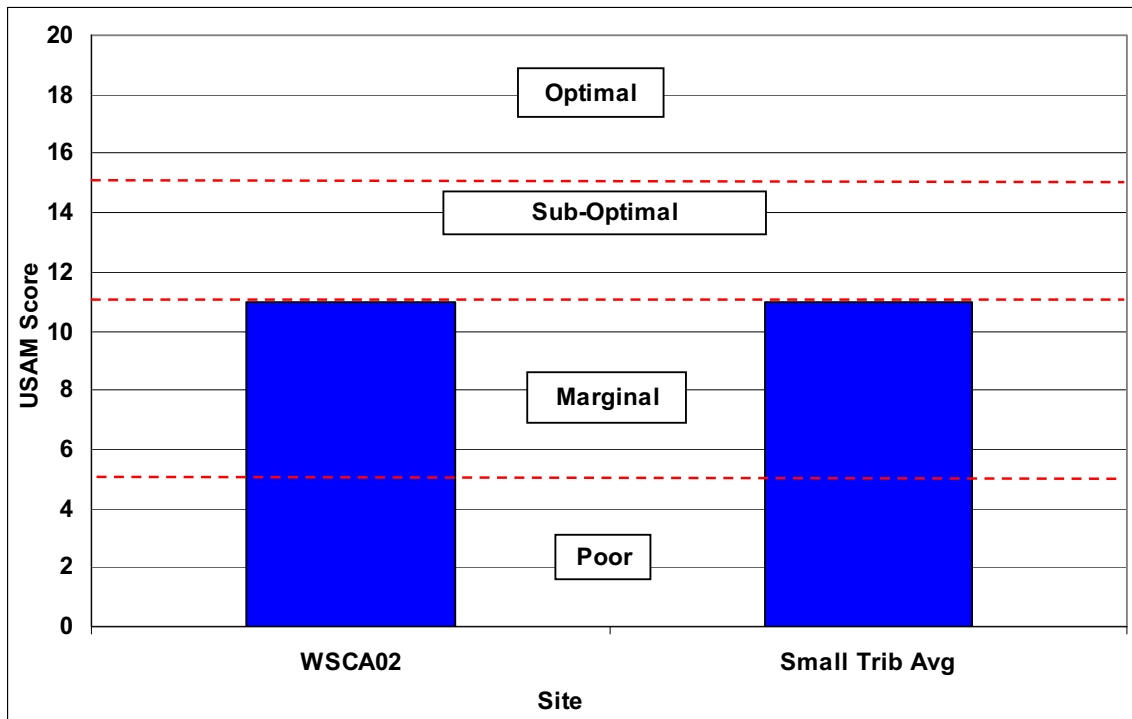
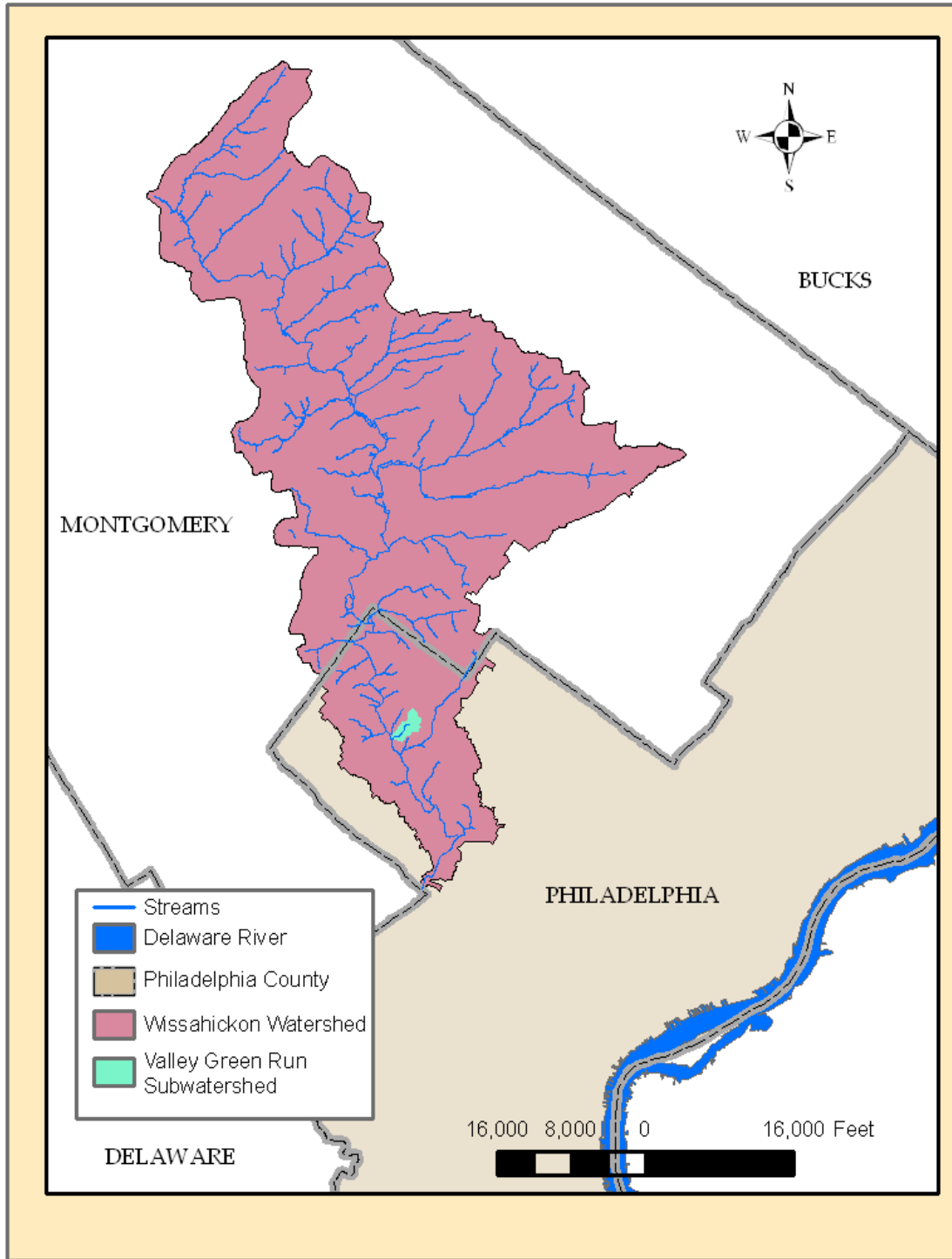


Figure D3-8: Floodplain Encroachment

Wissahickon Creek Watershed Stream Assessment Report
Valley Green Run Subwatershed

APPENDIX D4: VALLEY GREEN RUN



SECTION D4-1: OVERALL STREAM CONDITION

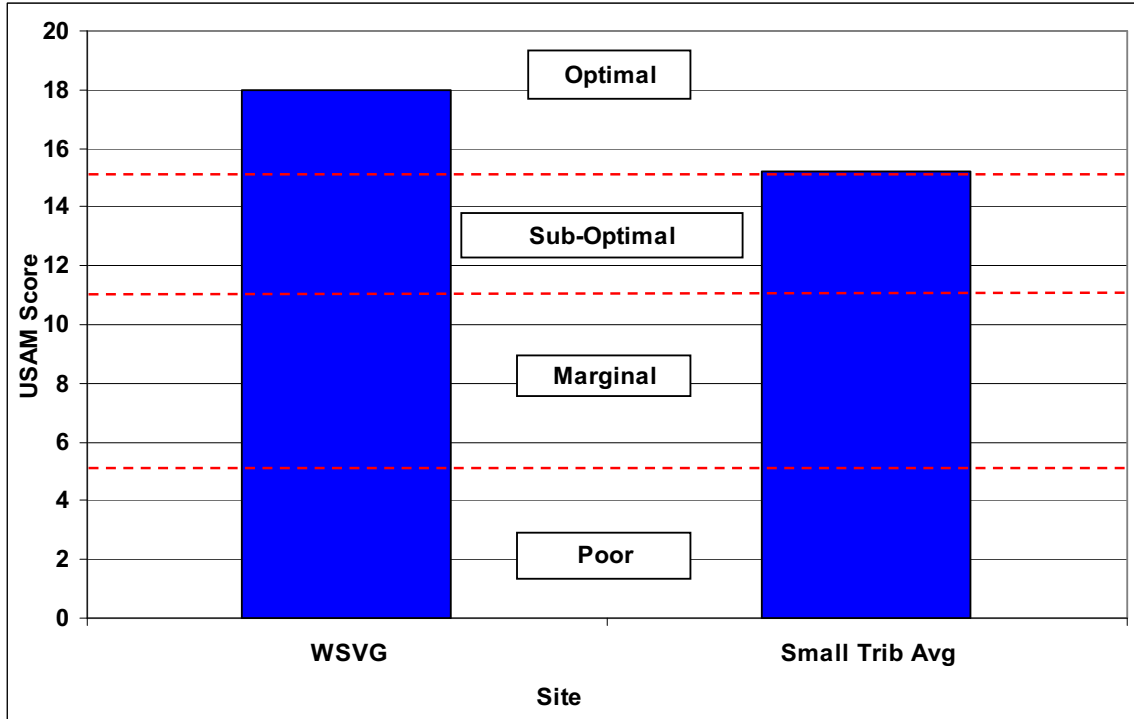


Figure D4-1: Instream Habitat

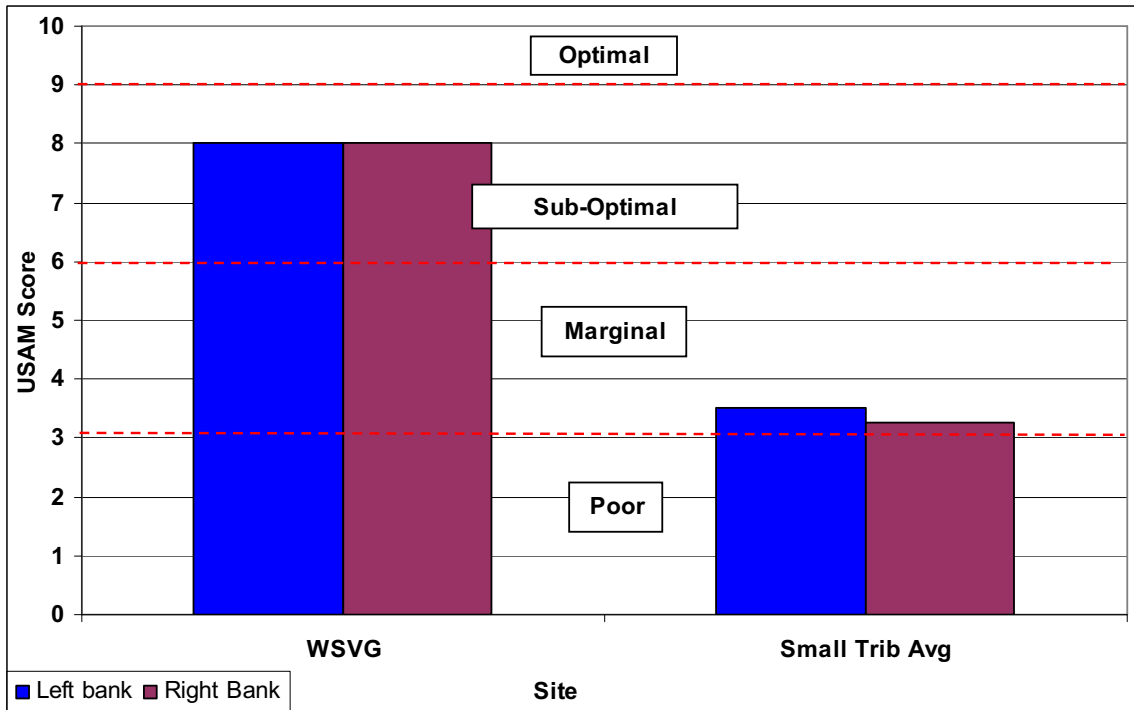


Figure D4-2: Vegetative Protection

Wissahickon Creek Watershed Stream Assessment Report
Valley Green Run Subwatershed

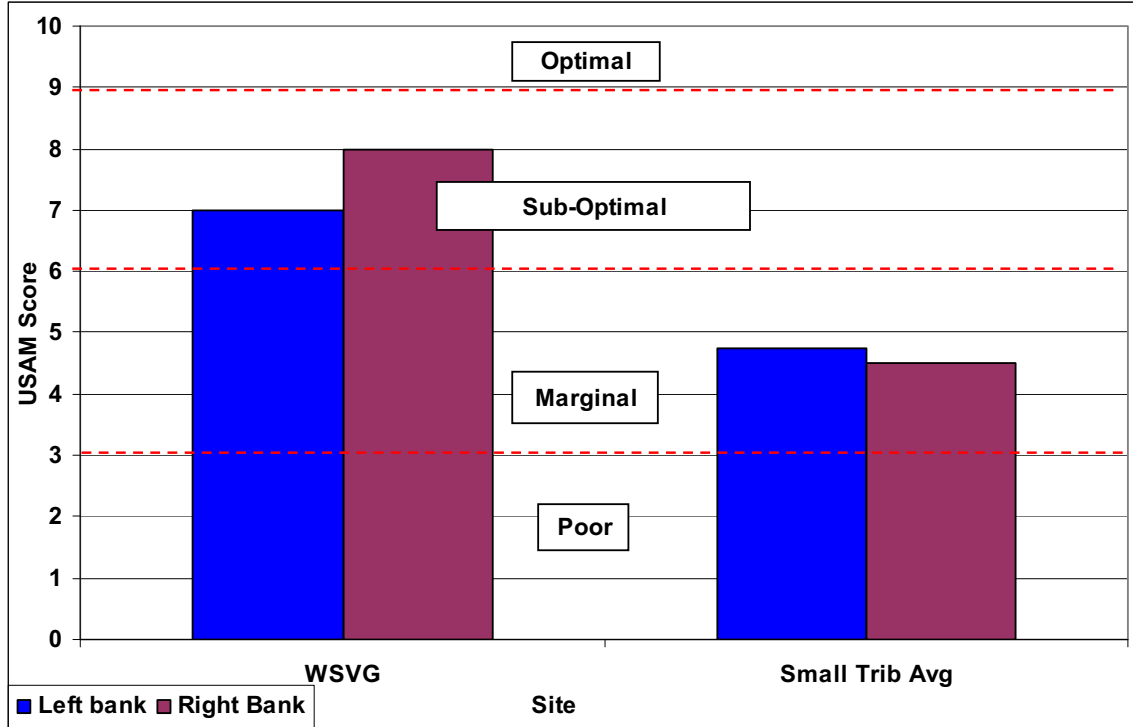


Figure D4-3: Bank Erosion

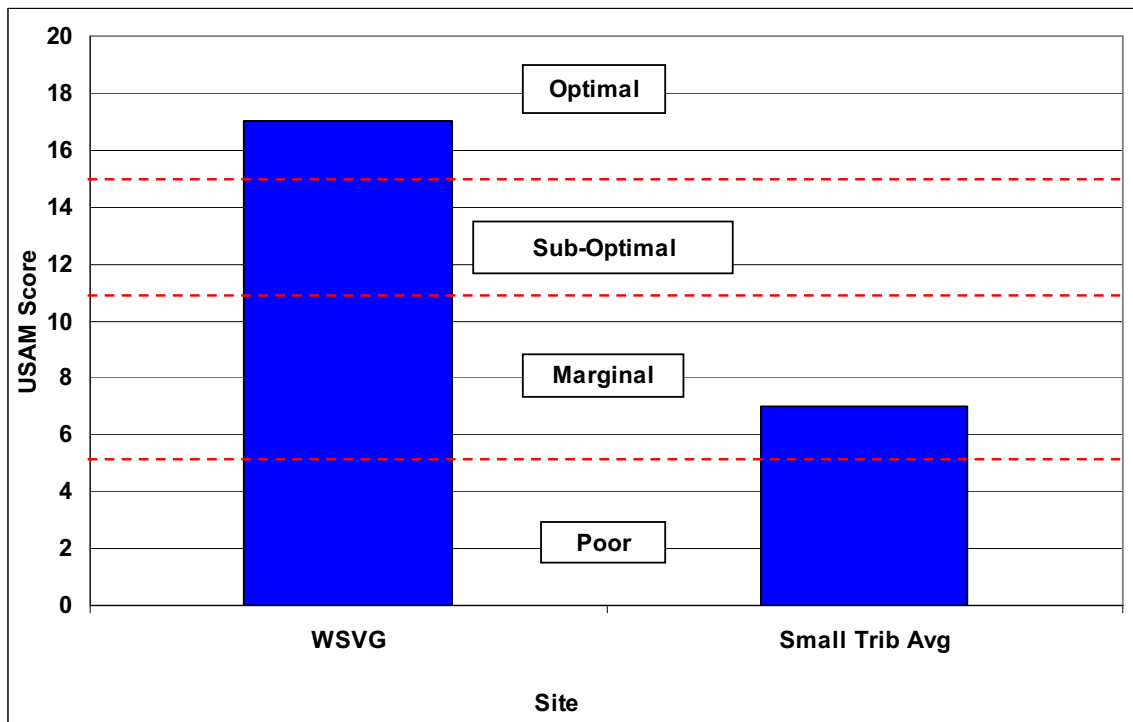


Figure D4-4: Floodplain Connection

SECTION D4-2: BUFFER/FLOODPLAIN CONDITION

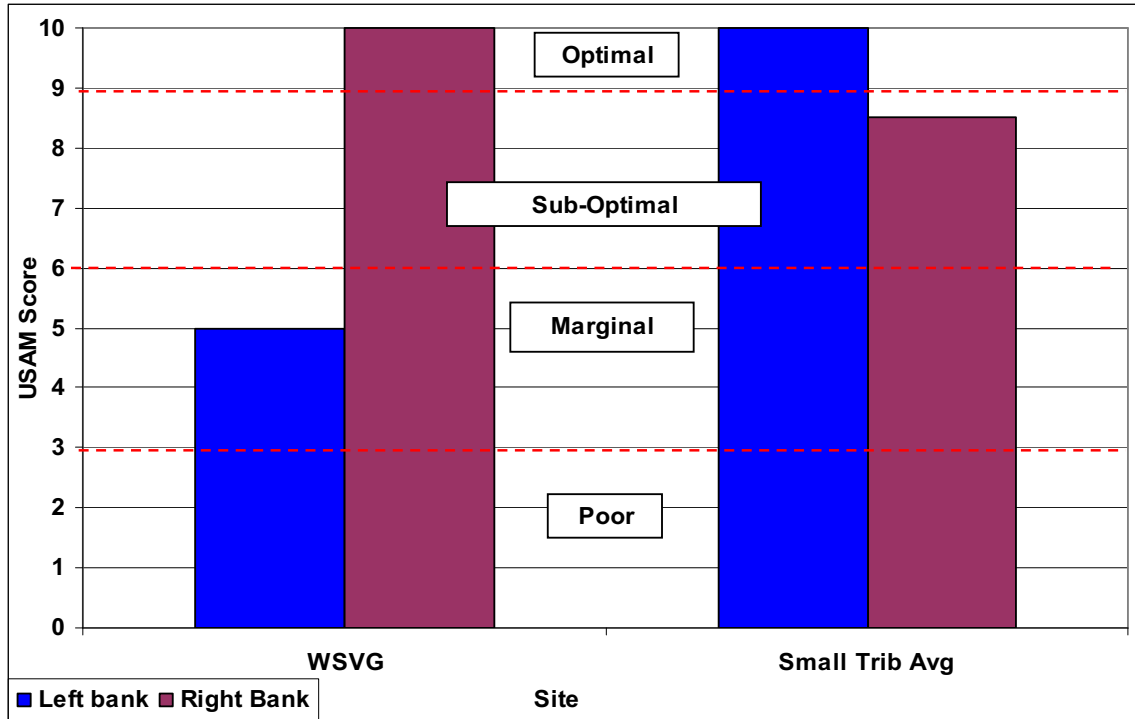


Figure D4-5: Vegetated Buffer Width

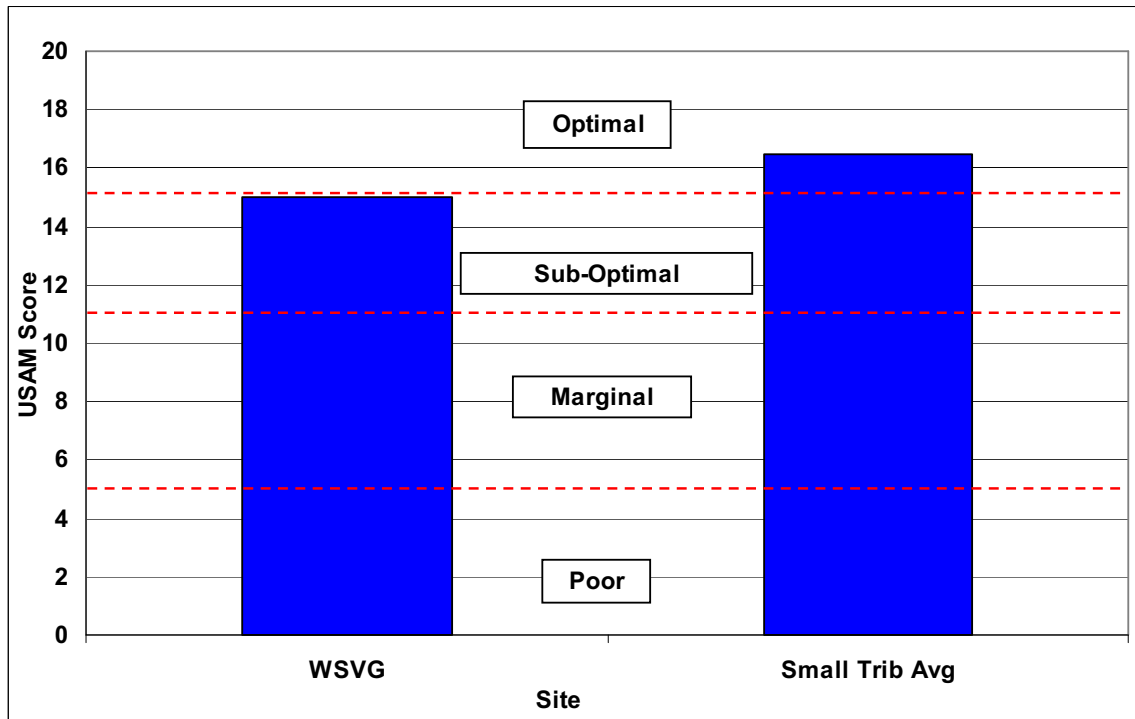


Figure D4-6: Floodplain Vegetation

Wissahickon Creek Watershed Stream Assessment Report
Valley Green Run Subwatershed

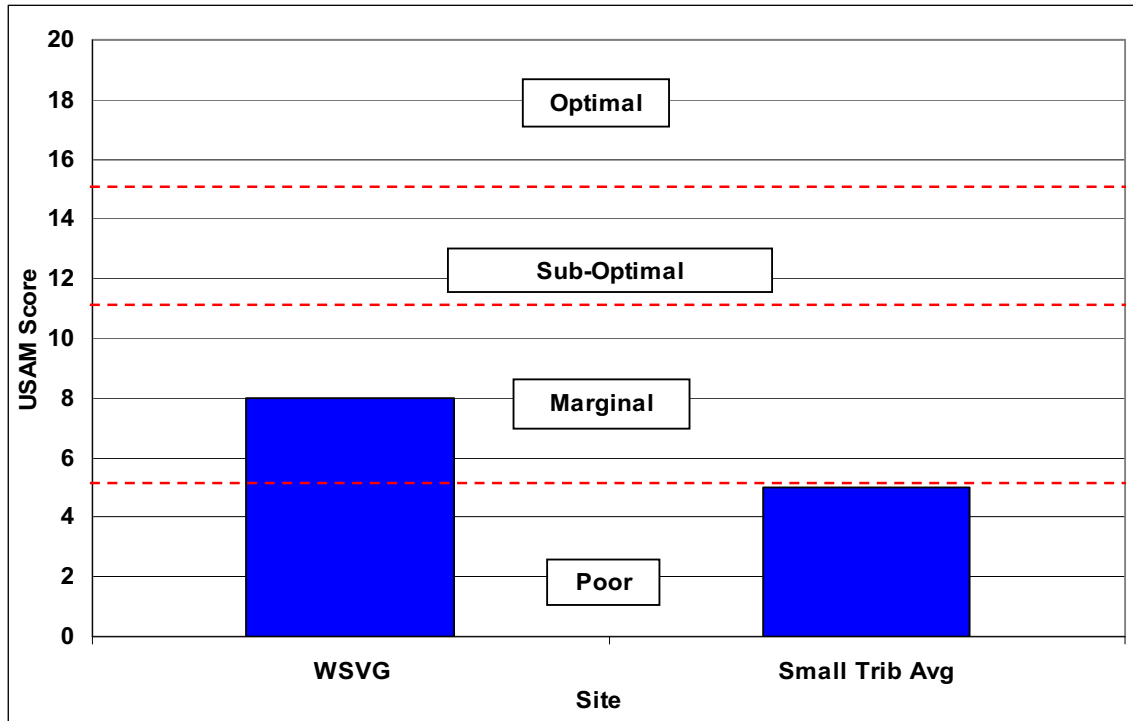


Figure D4-7: Floodplain Habitat

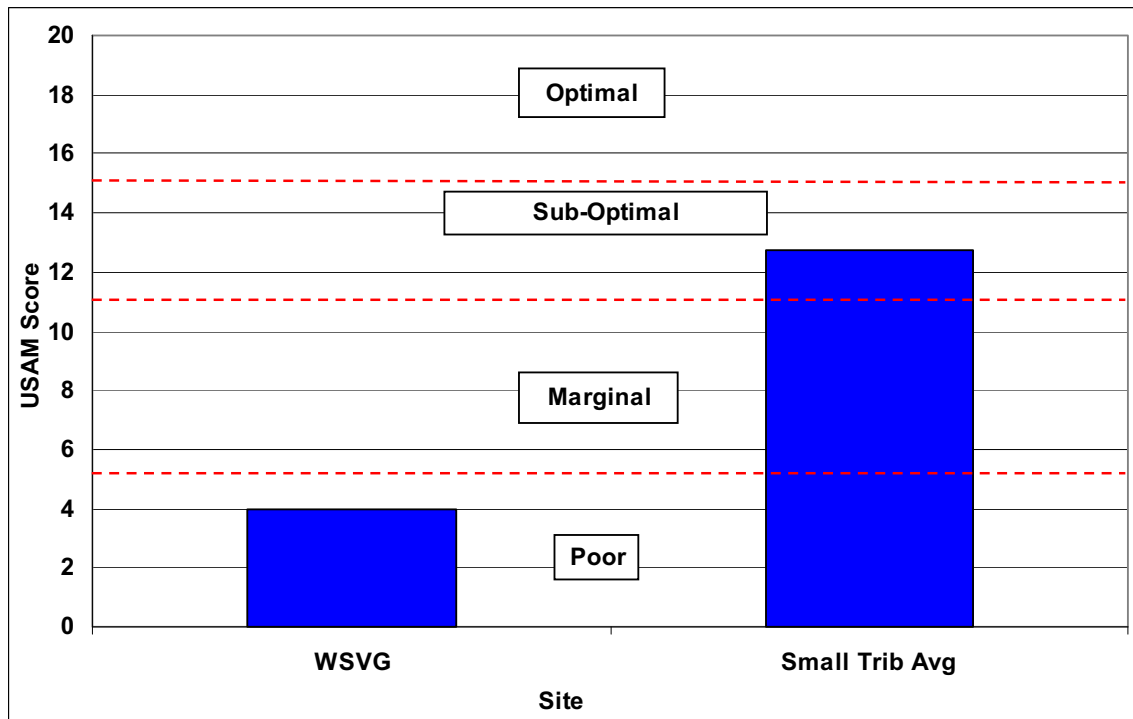
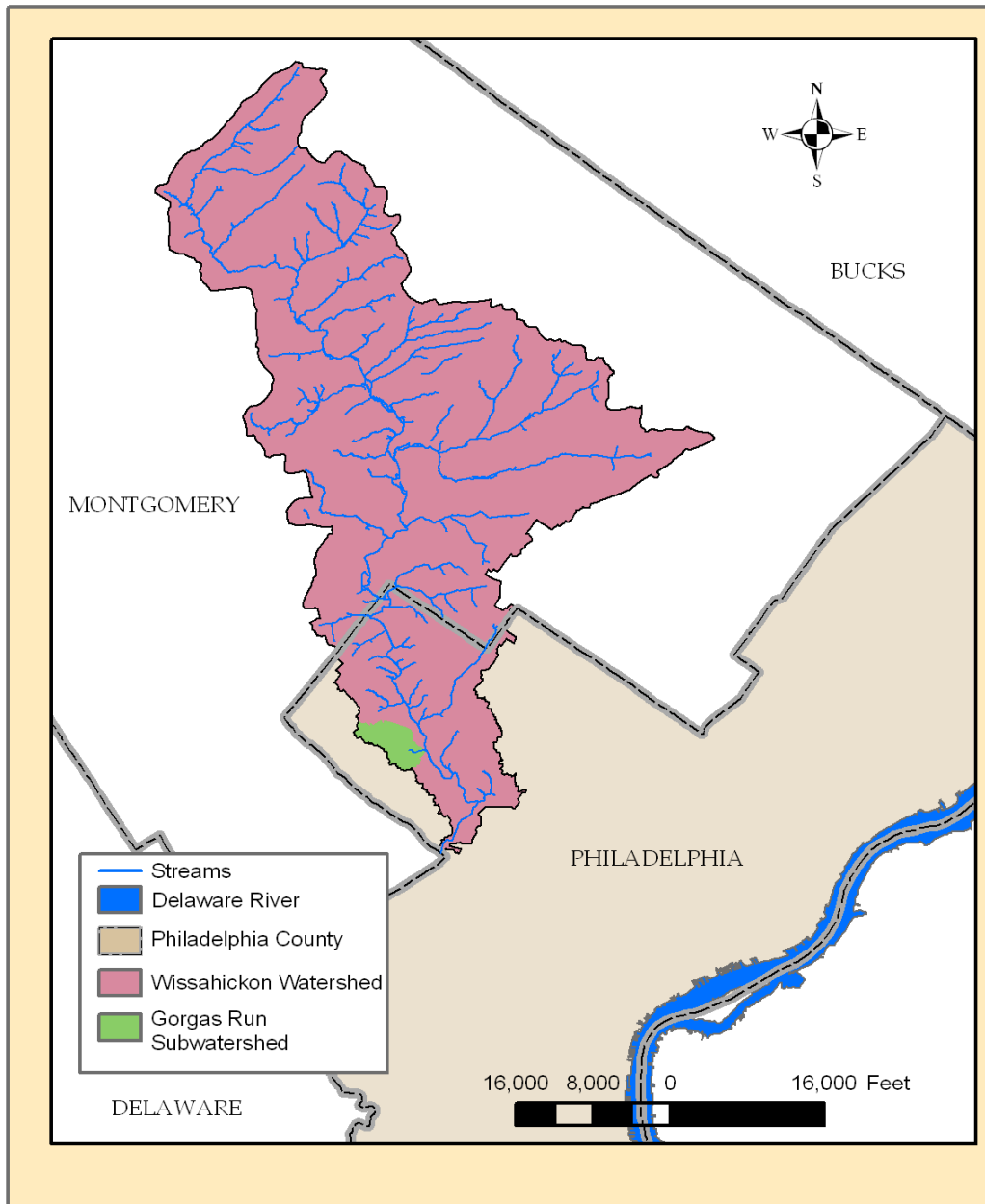


Figure D4-8: Floodplain Encroachment

Wissahickon Creek Watershed Stream Assessment Report
Gorgas Run Subwatershed

APPENDIX D5: GORGAS RUN



SECTION D5-1: OVERALL STREAM CONDITION

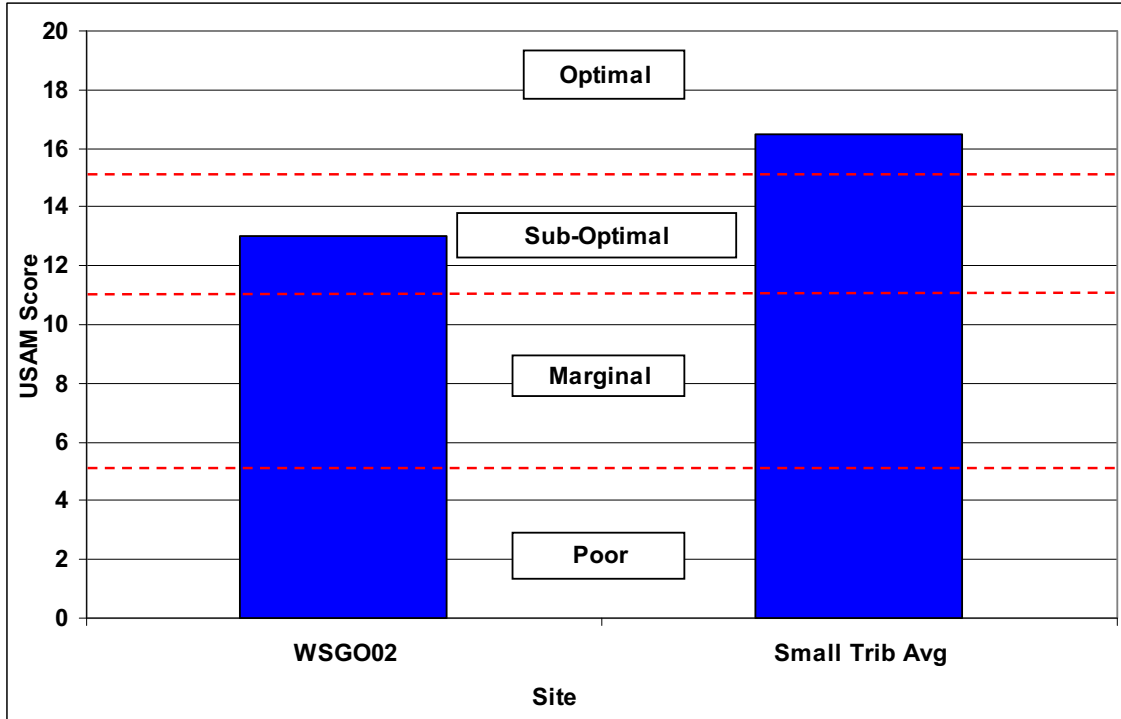


Figure D5-1: Instream Habitat

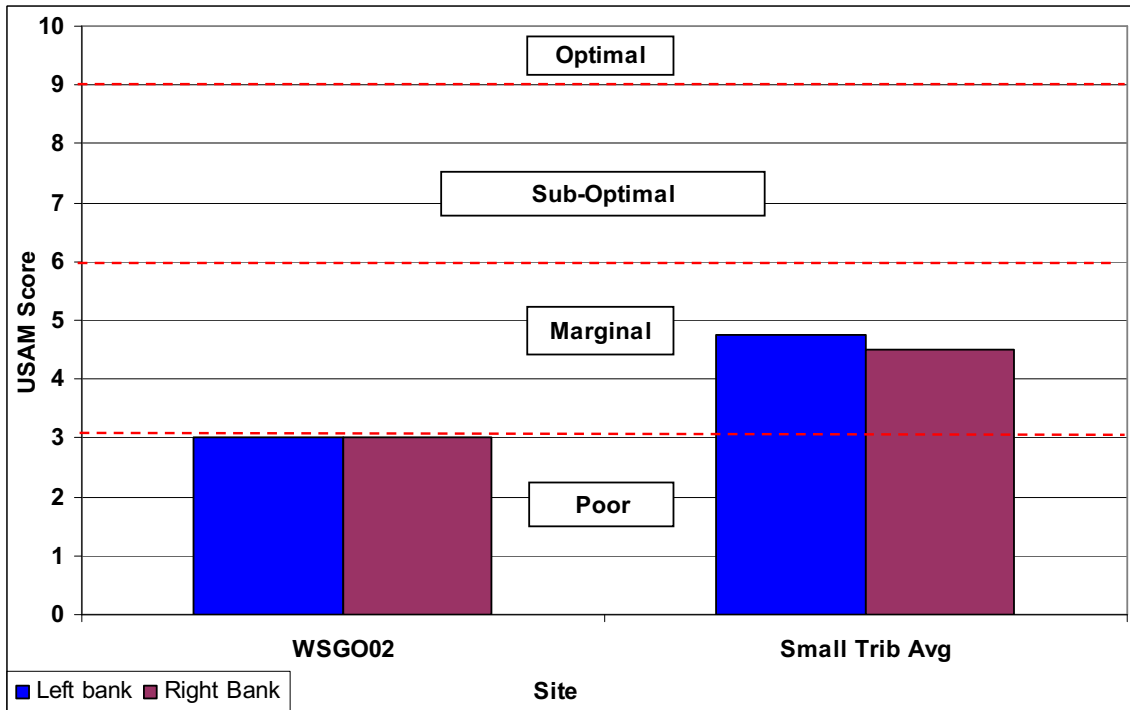


Figure D5-2: Vegetative Protection

Wissahickon Creek Watershed Stream Assessment Report
Gorgas Run Subwatershed

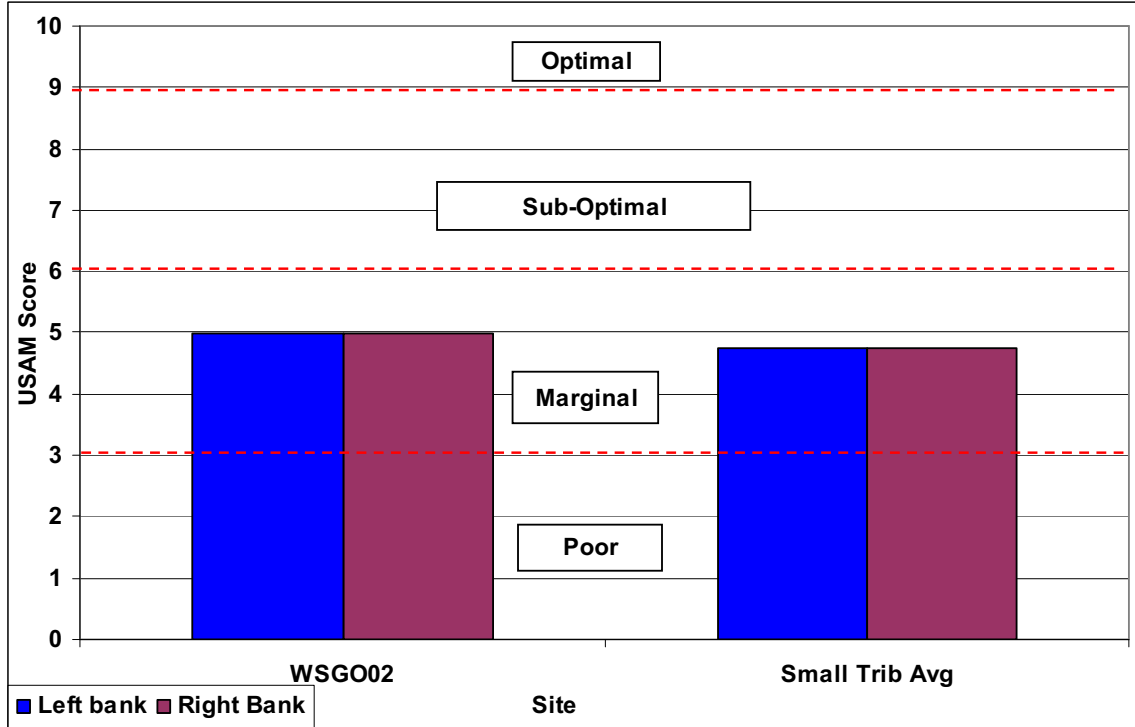


Figure D5-3: Bank Erosion

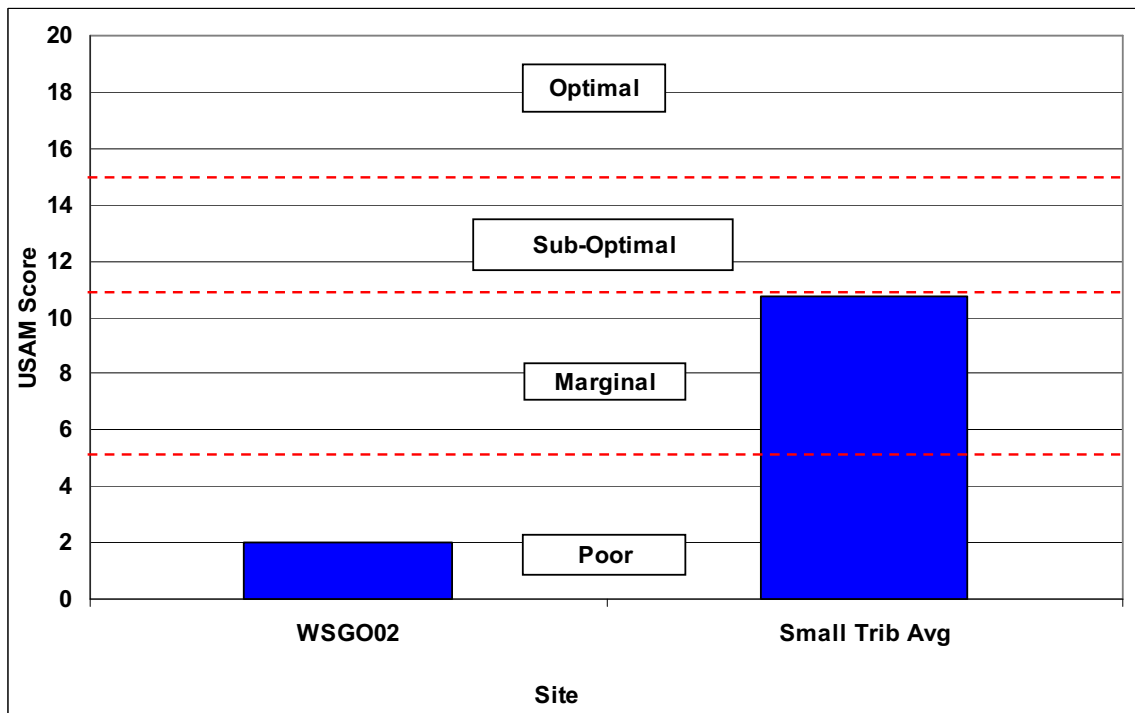


Figure D5-4: Floodplain Connection

SECTION D5-2: BUFFER/FLOODPLAIN CONDITION

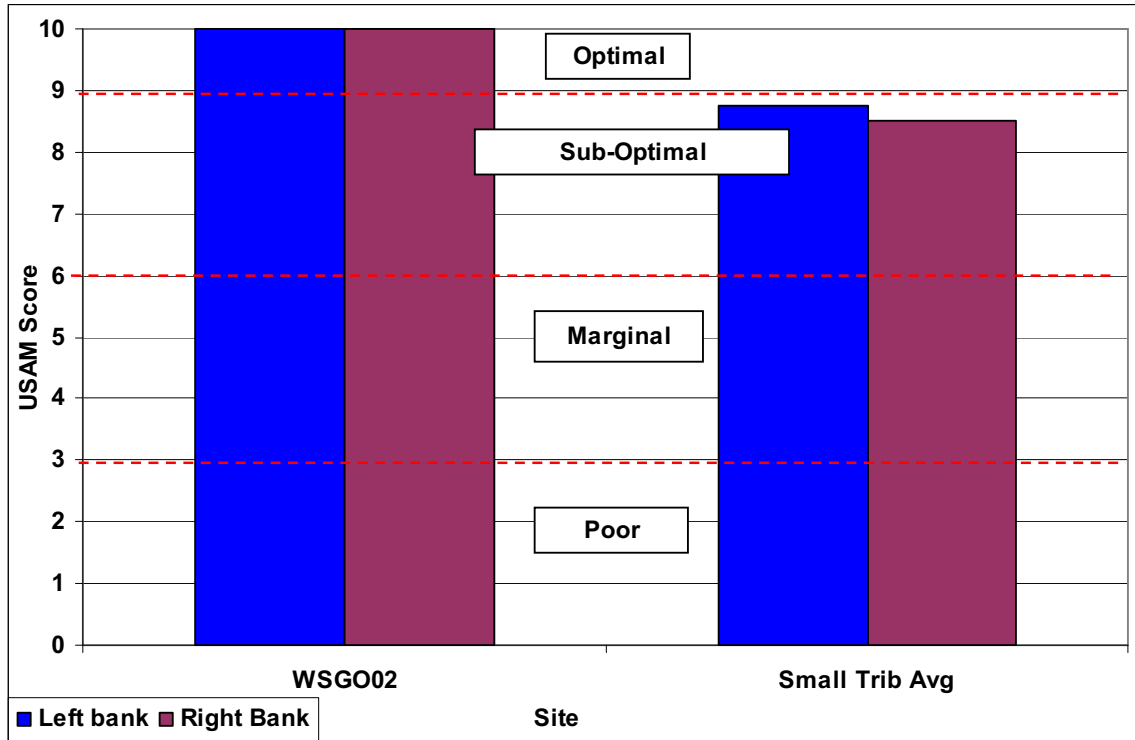


Figure D5-5: Vegetated Buffer Width

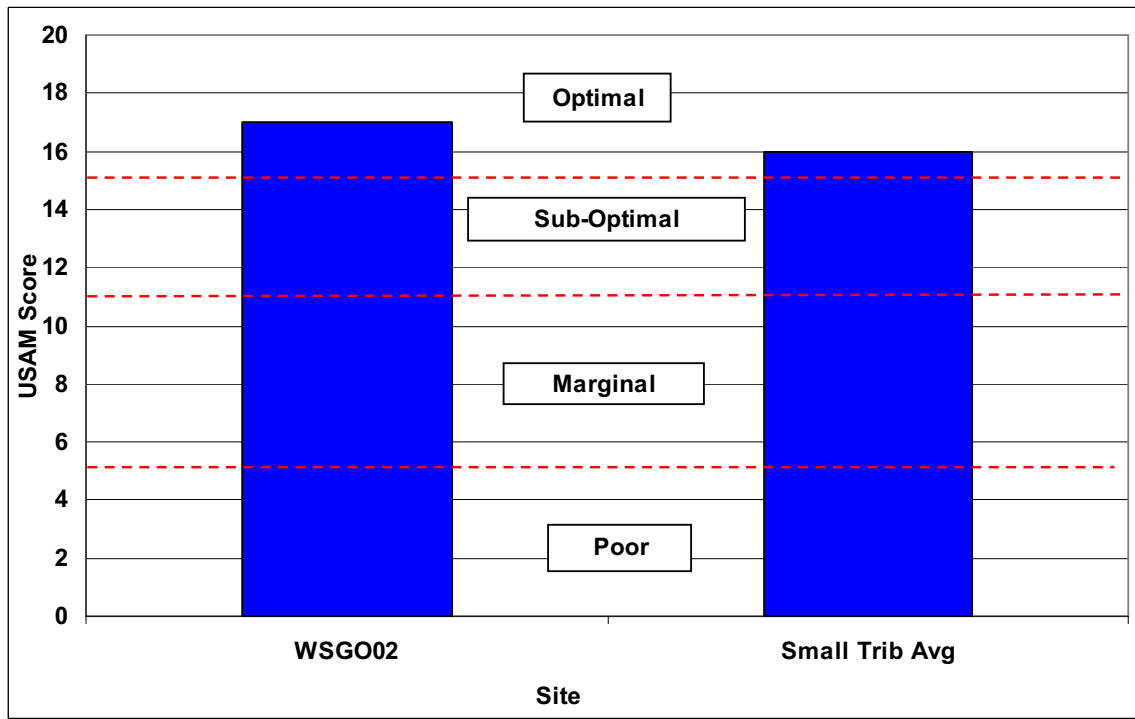


Figure D-6: Floodplain Vegetation

Wissahickon Creek Watershed Stream Assessment Report
Gorgas Run Subwatershed

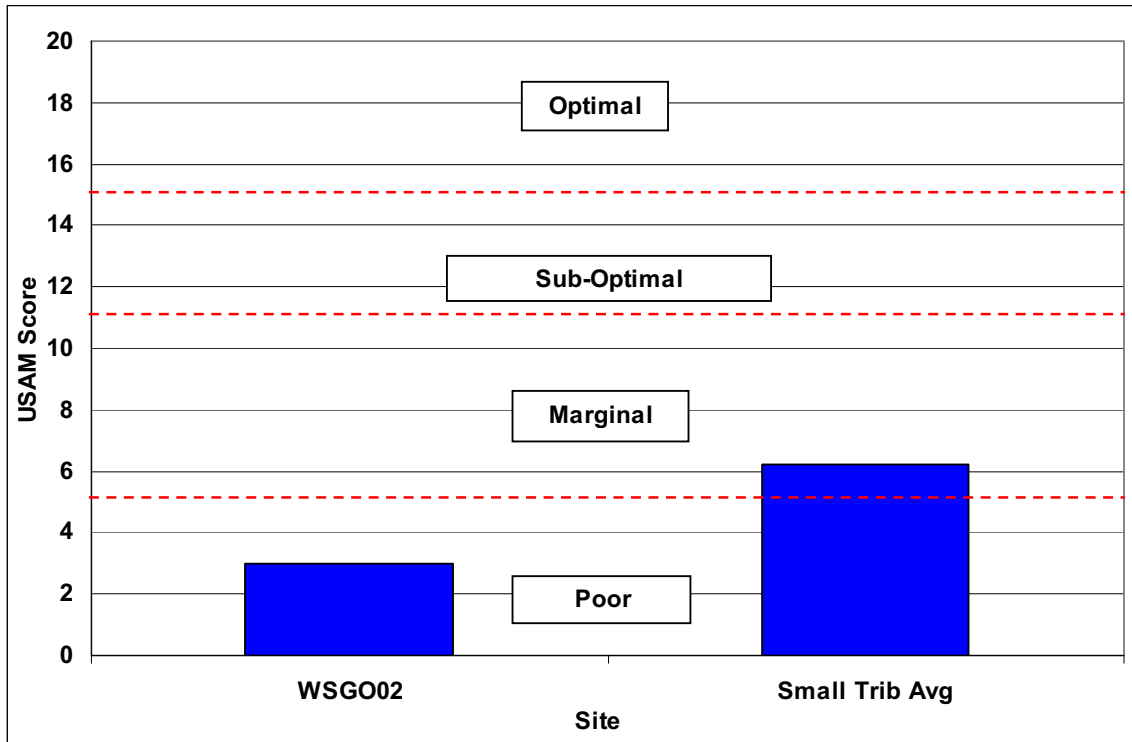


Figure D-7: Floodplain Habitat

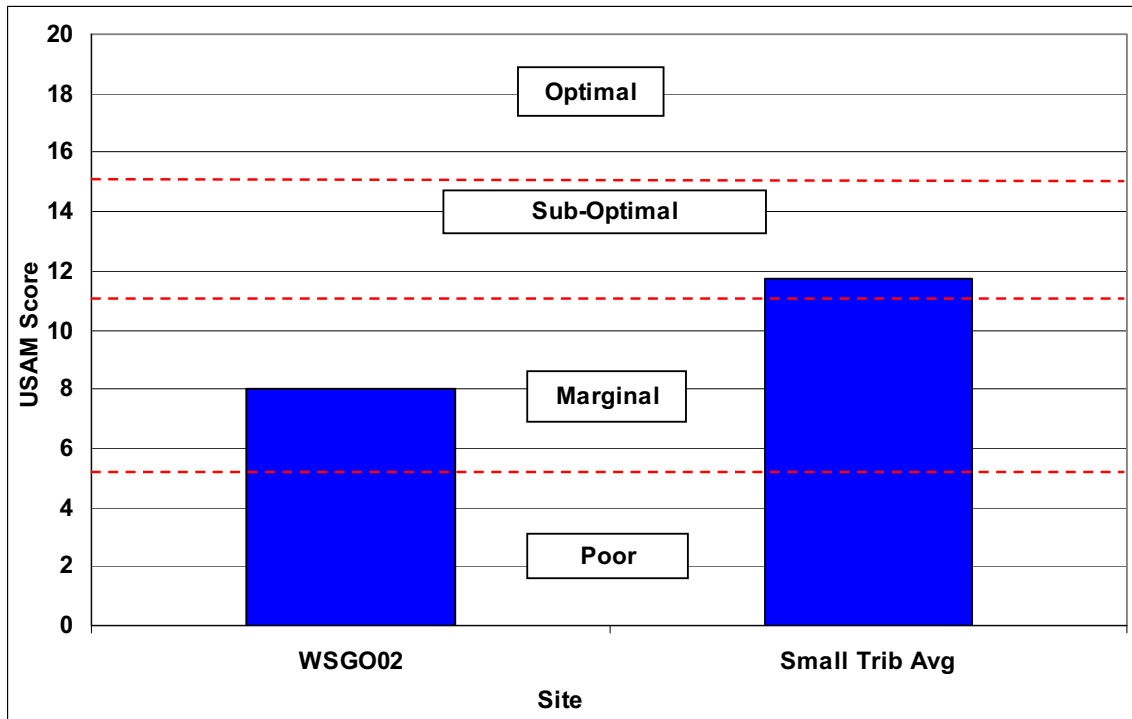
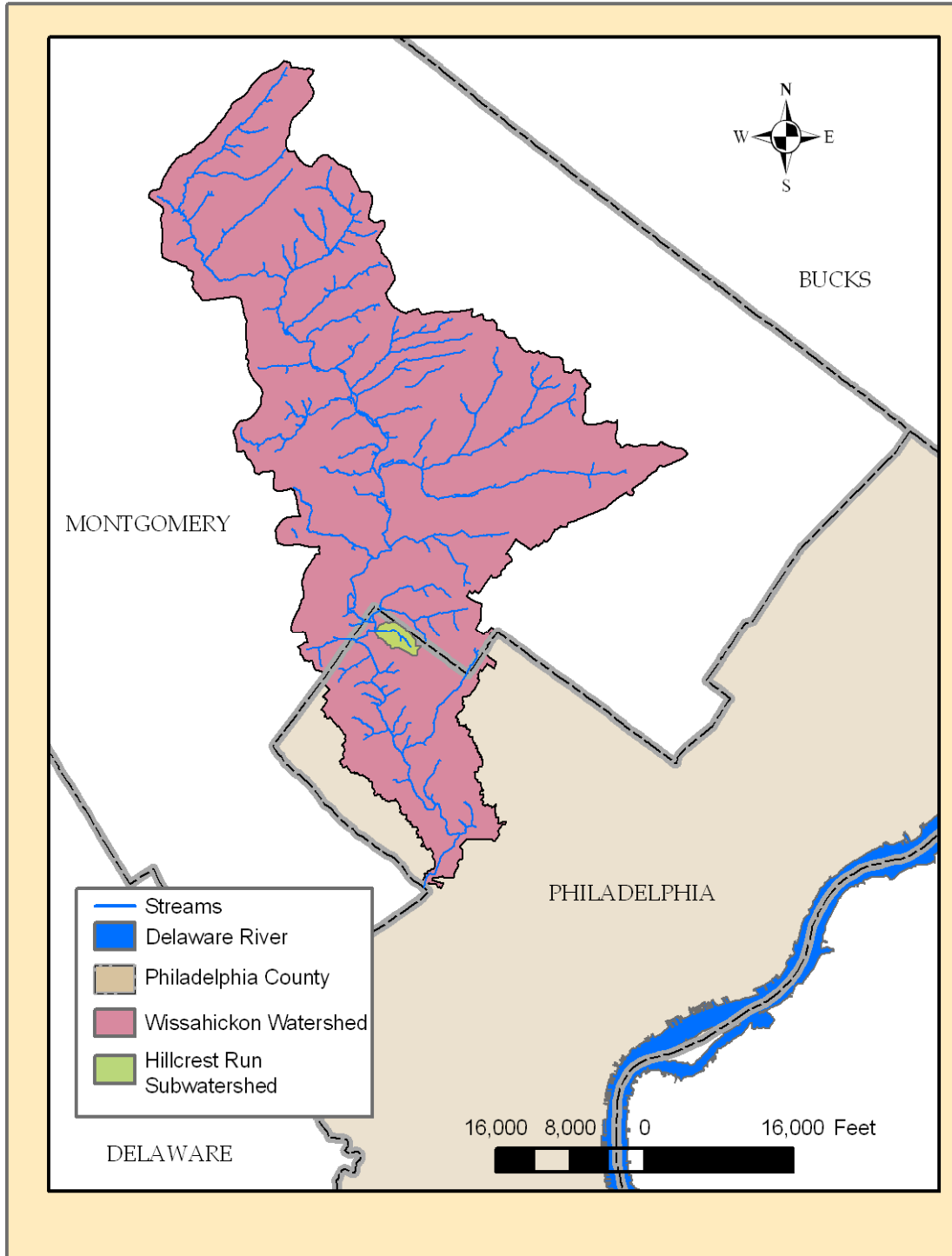


Figure D-8: Floodplain Encroachment

Wissahickon Creek Watershed Stream Assessment Report
Hillcrest Run Subwatershed

APPENDIX D6: HILLCREST RUN



SECTION D6-1: OVERALL STREAM CONDITION

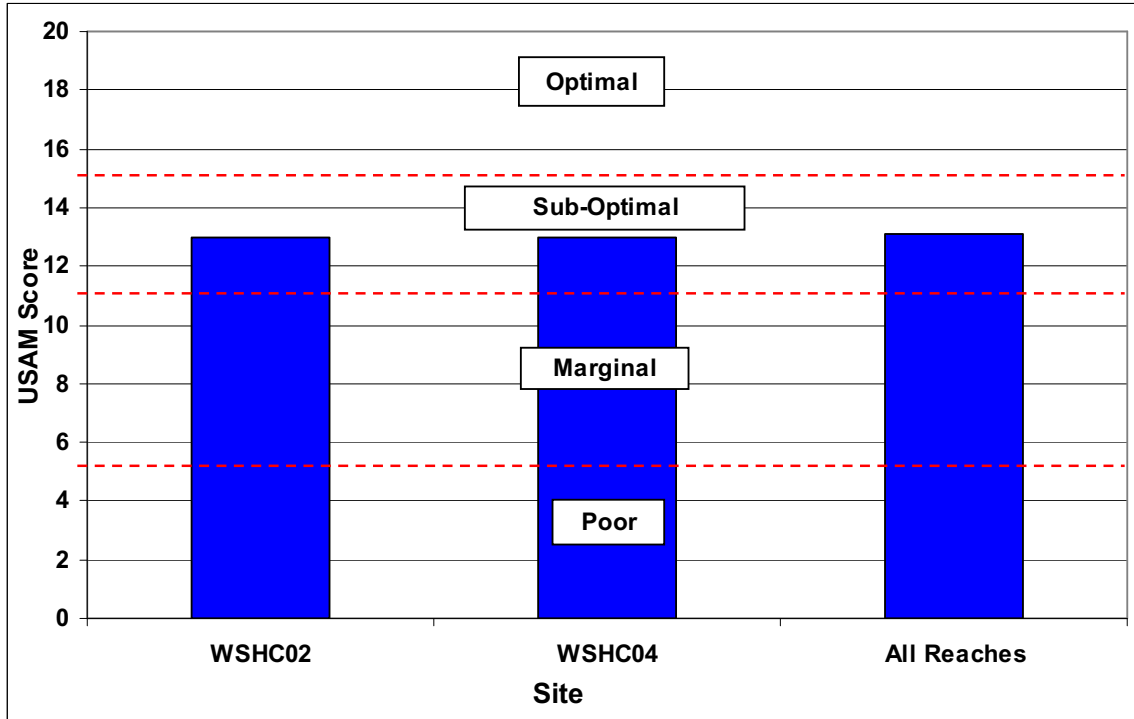


Figure D6-1: Instream Habitat

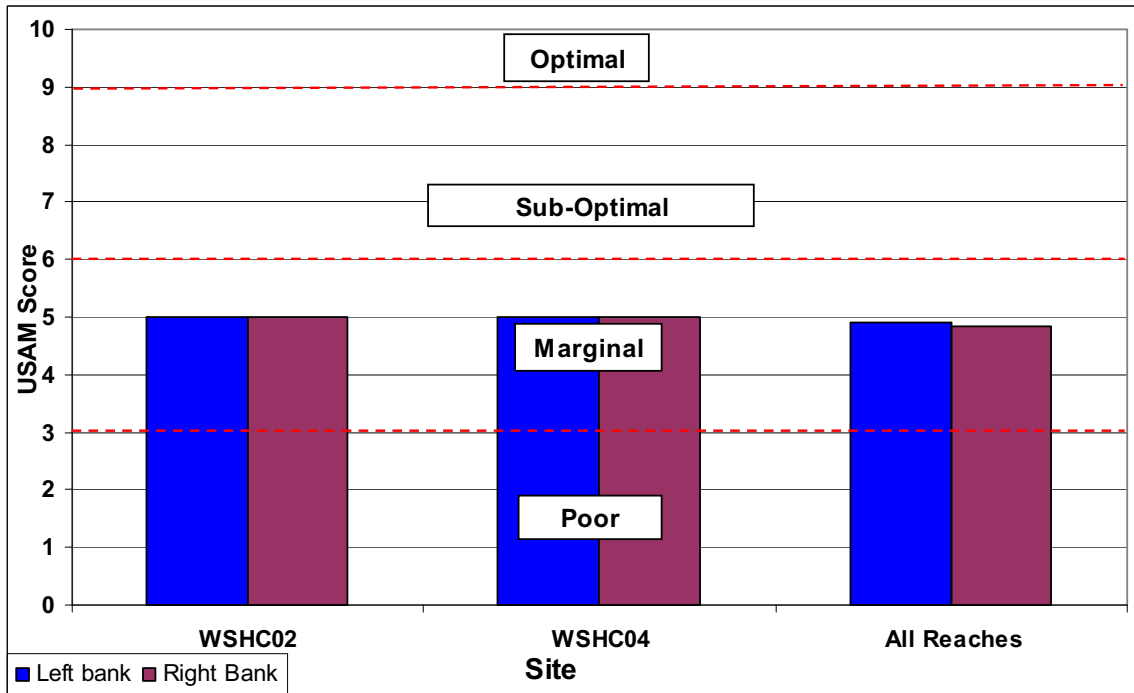


Figure D6-2: Vegetative Protection

Wissahickon Creek Watershed Stream Assessment Report
Hillcrest Run Subwatershed

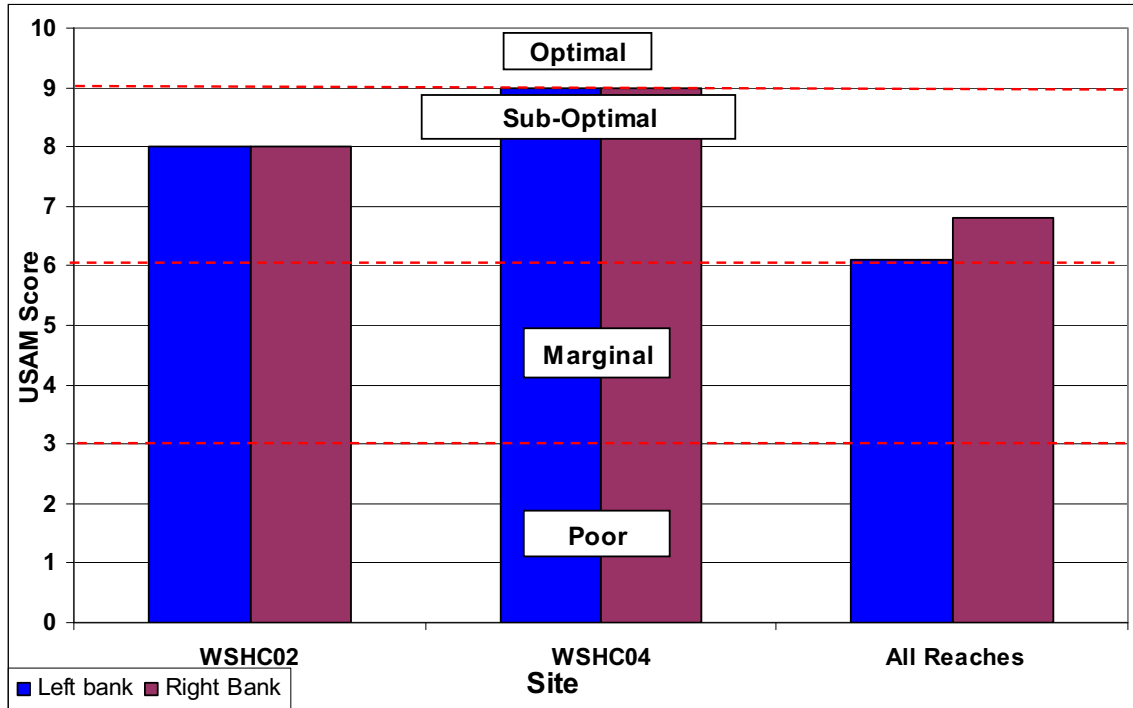


Figure D6-3: Bank Erosion

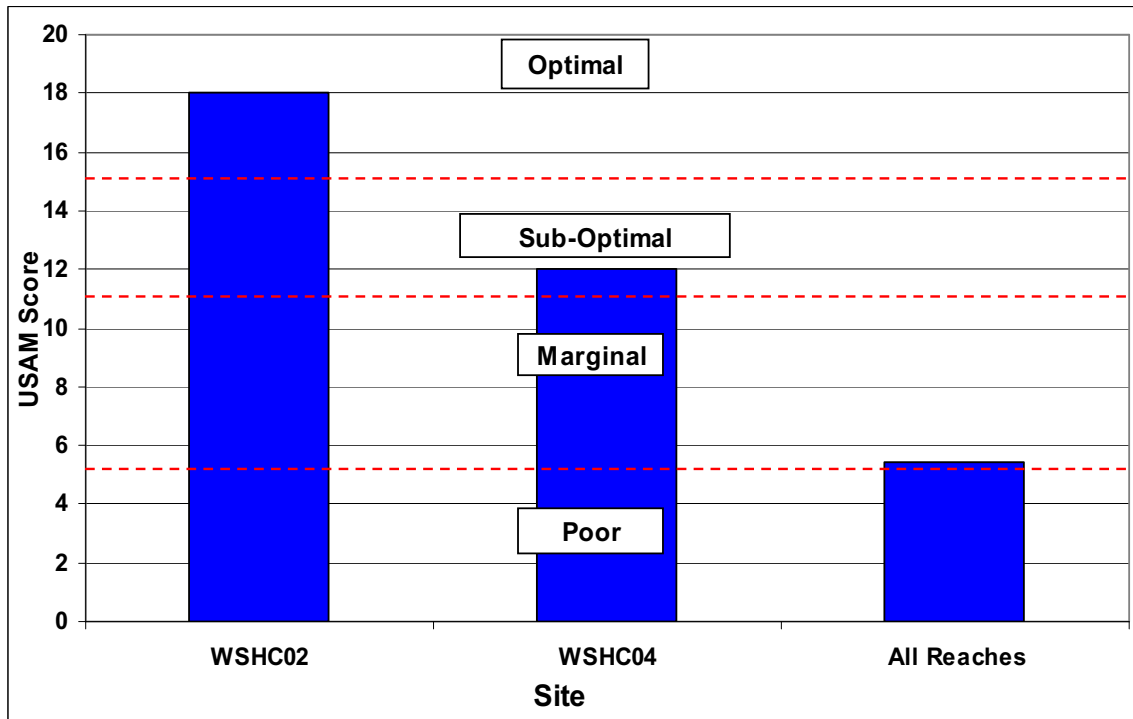


Figure D6-4: Floodplain Connection

SECTION D6-2: BUFFER/FLOODPLAIN CONDITION

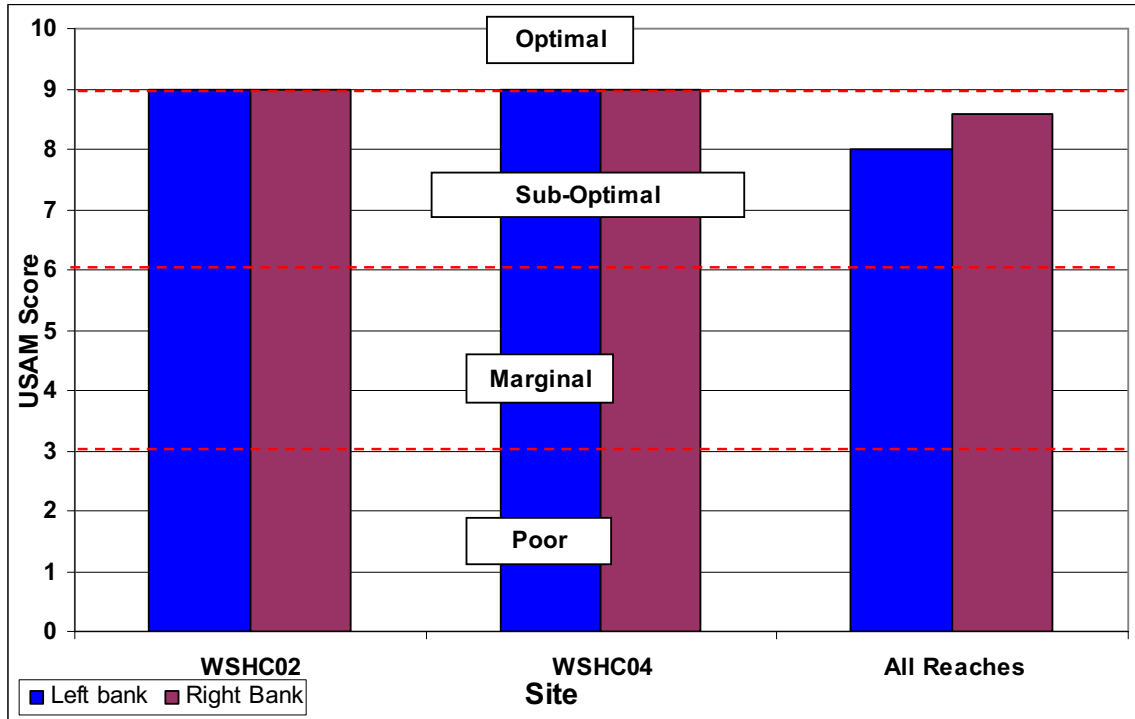


Figure D6-5: Vegetated Buffer Width

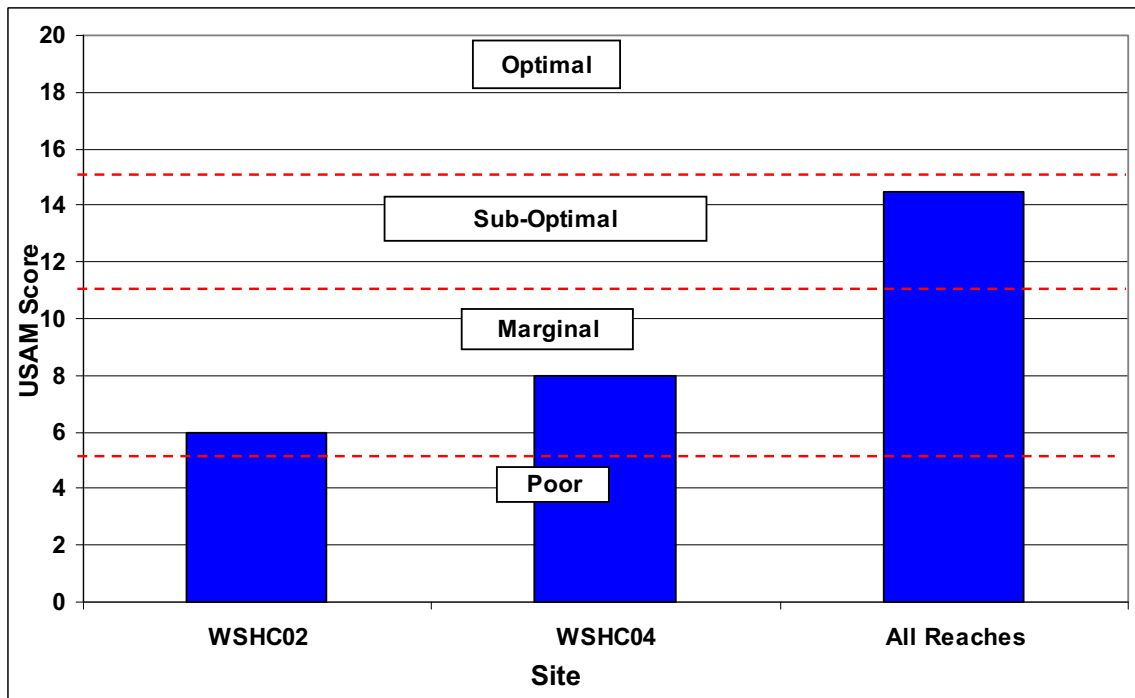


Figure D6-6: Floodplain Vegetation

Wissahickon Creek Watershed Stream Assessment Report
Hillcrest Run Subwatershed

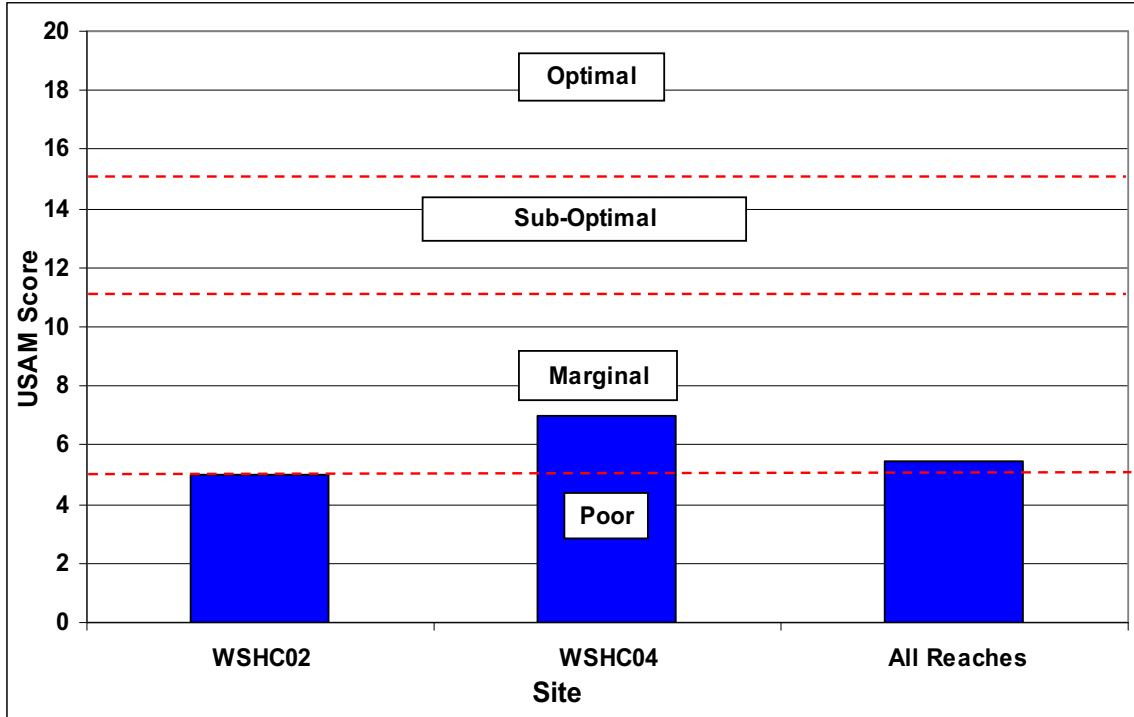


Figure D6-7: Floodplain Habitat

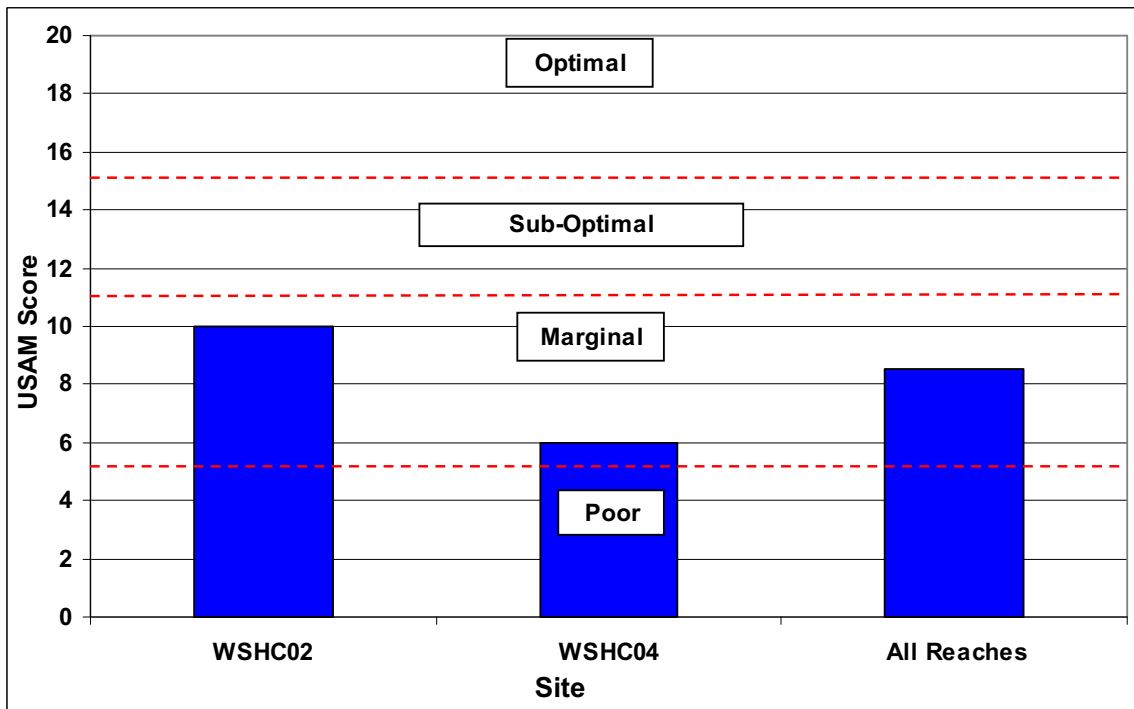
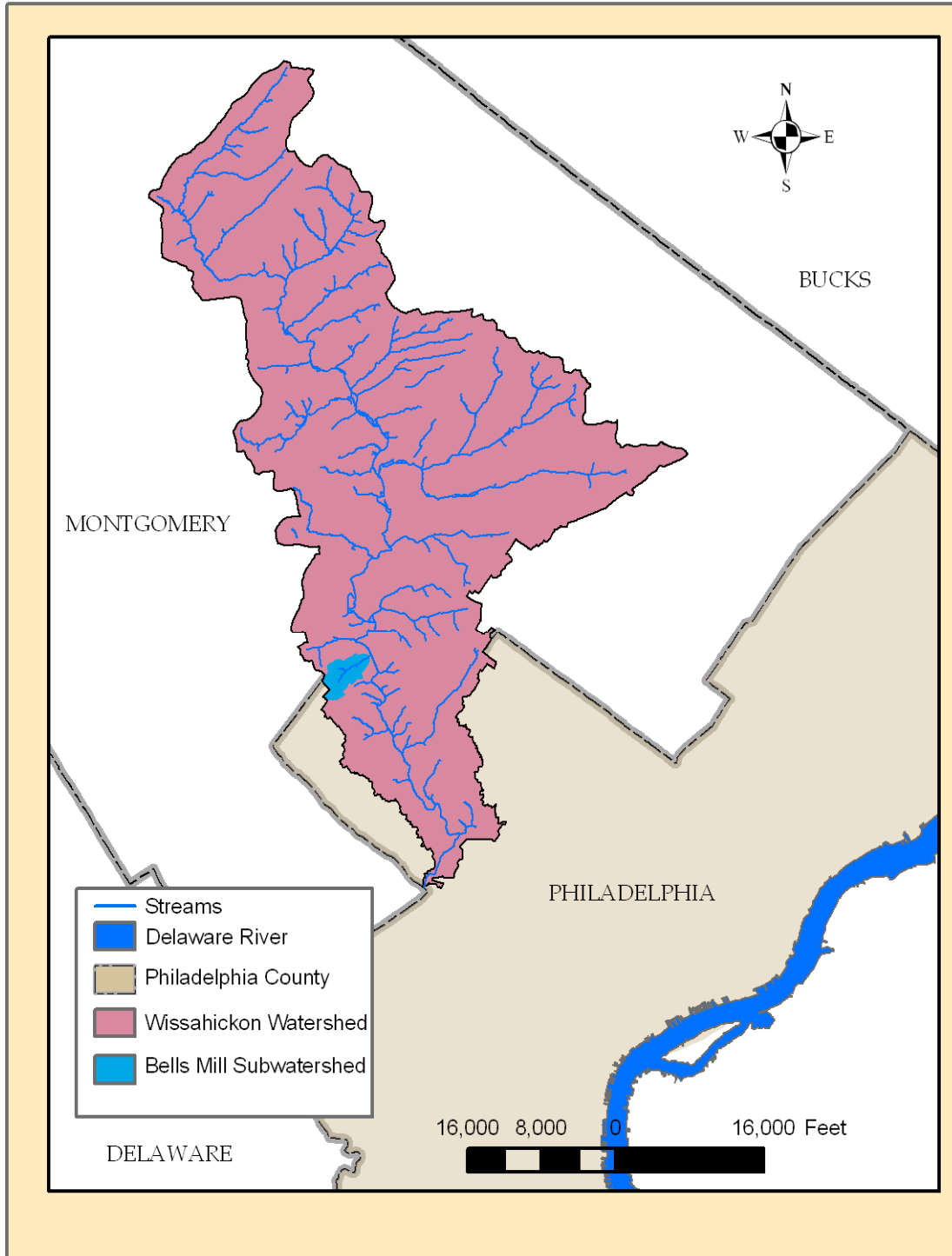


Figure D6-8: Floodplain Encroachment

Wissahickon Creek Watershed Stream Assessment Report
Bell's Mill Run Subwatershed

APPENDIX D7: BELL'S MILL RUN



SECTION D7-1: OVERALL STREAM CONDITION

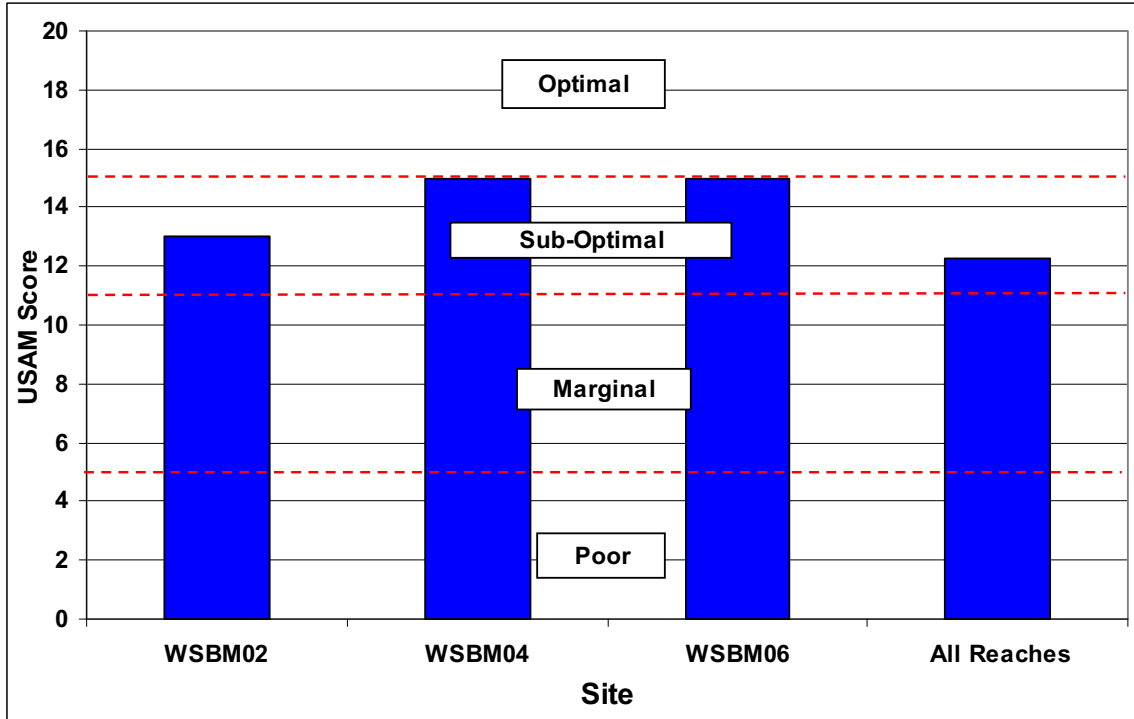


Figure D7-1: Instream Habitat

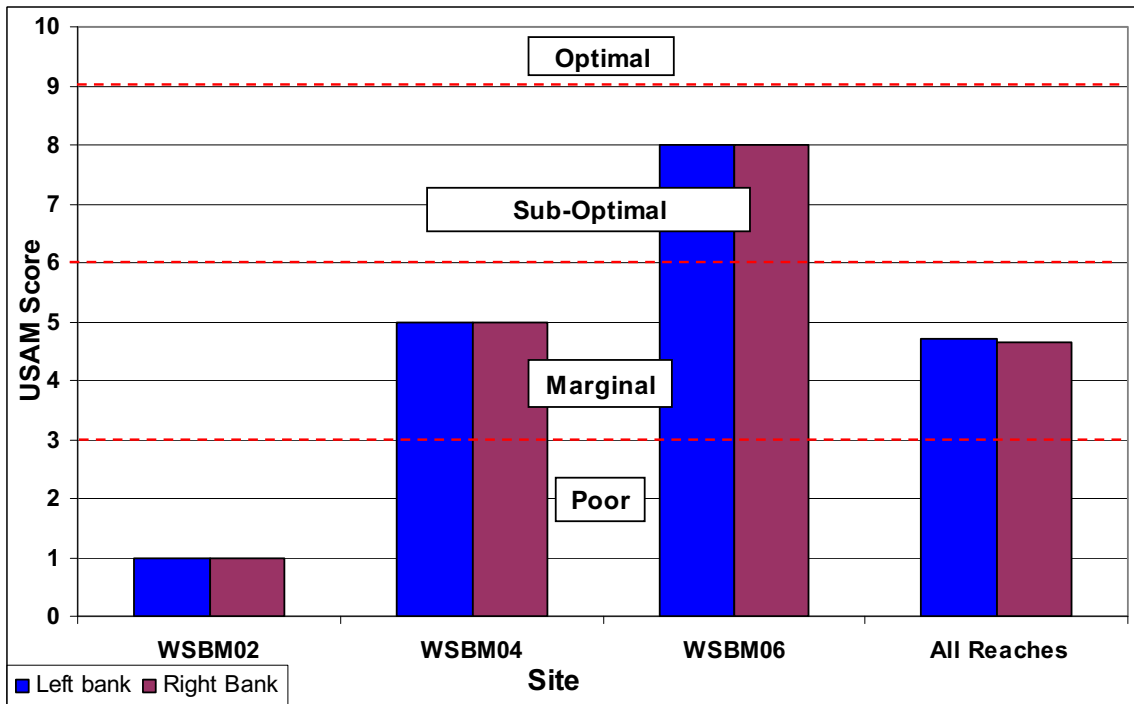


Figure D7-2: Vegetative Protection

Wissahickon Creek Watershed Stream Assessment Report
 Bell's Mill Run Subwatershed

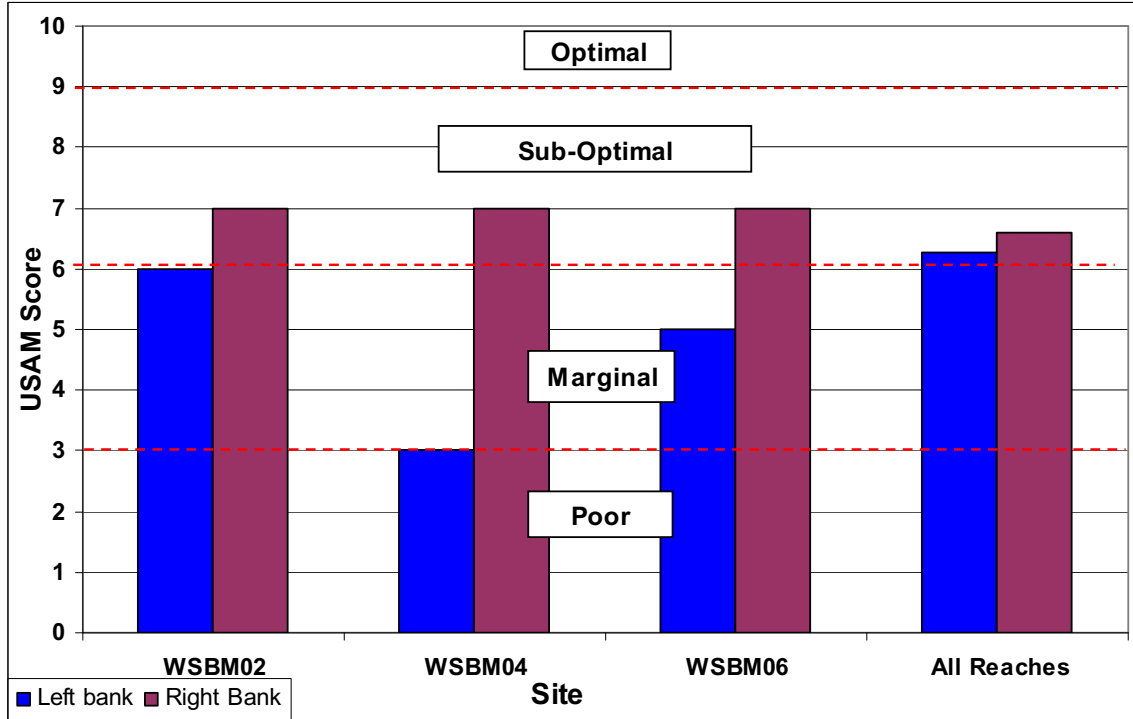


Figure D7-3: Bank Erosion

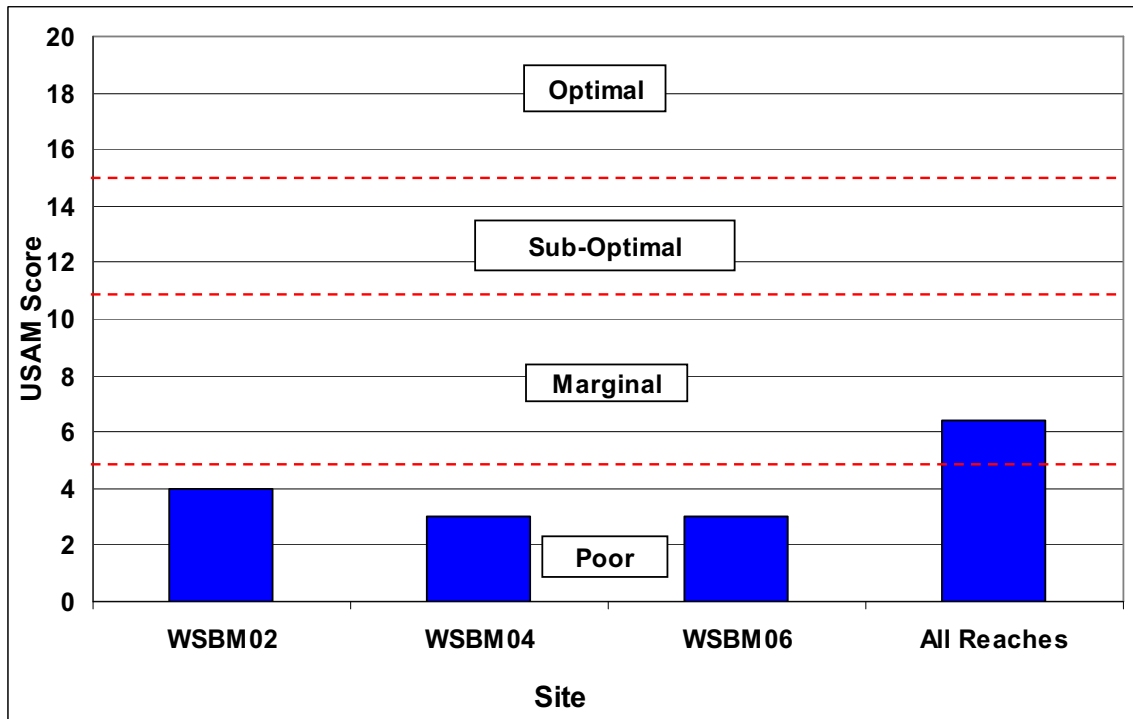


Figure D7-4: Floodplain Connection

SECTION D7-2: BUFFER/FLOODPLAIN CONDITION

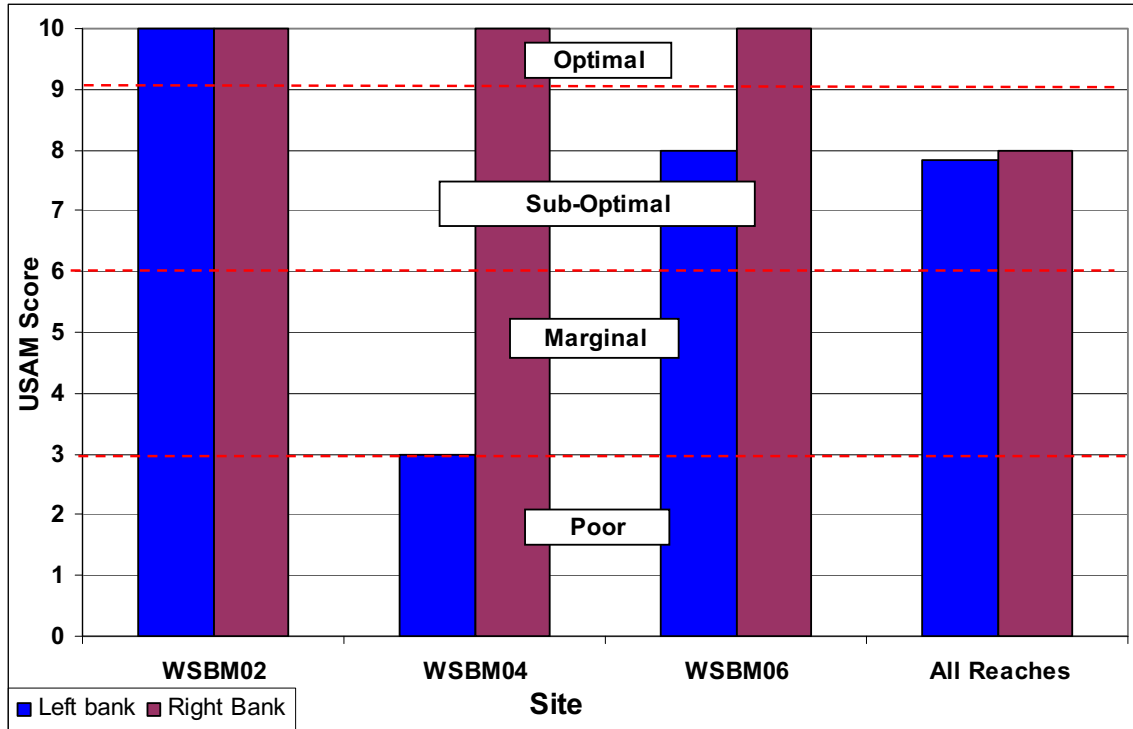


Figure D7-5: Vegetated Buffer Width

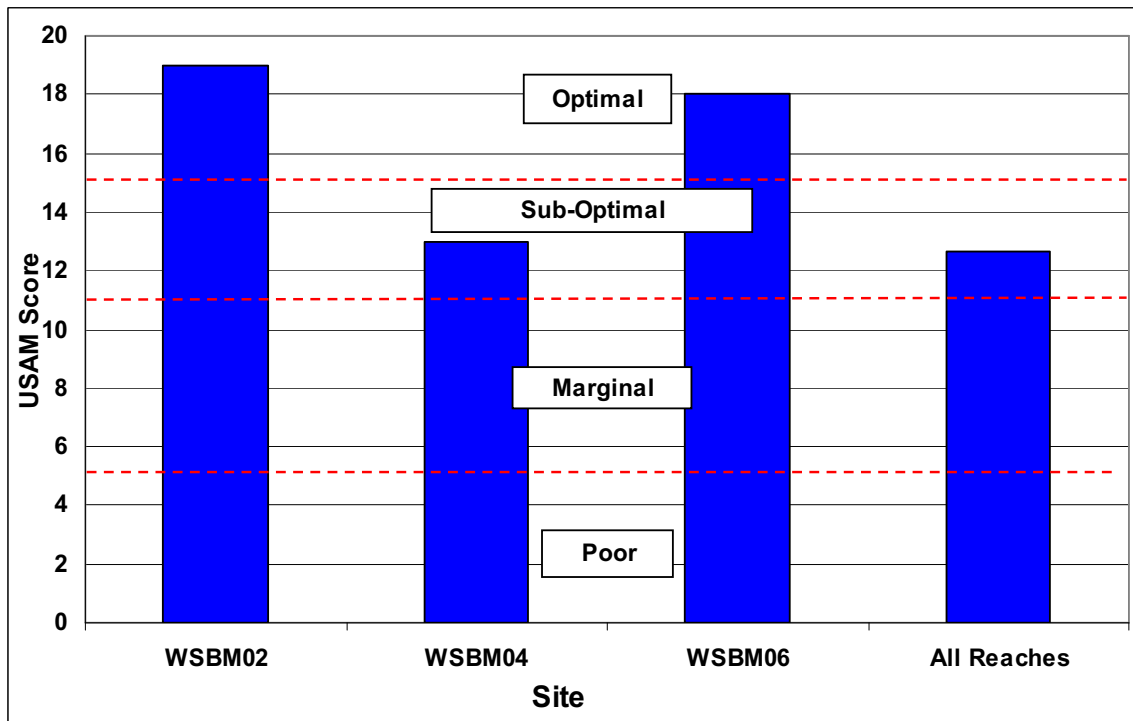


Figure D7-6: Floodplain Vegetation

Wissahickon Creek Watershed Stream Assessment Report
Bell's Mill Run Subwatershed

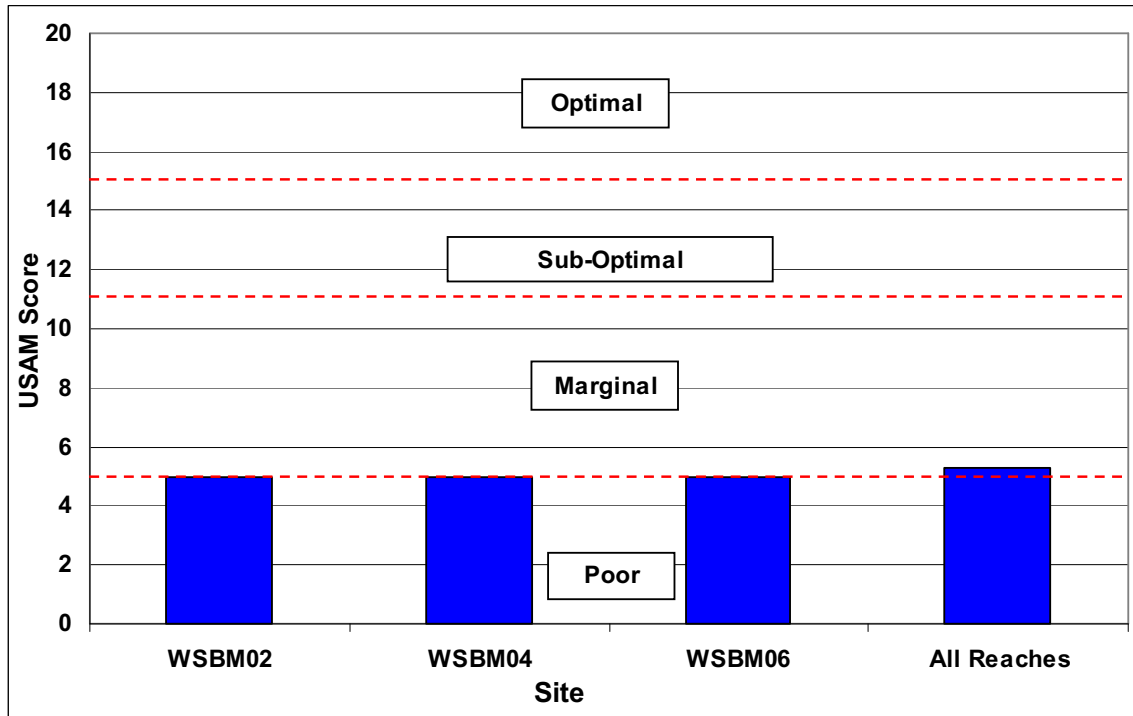


Figure D7-7: Floodplain Habitat

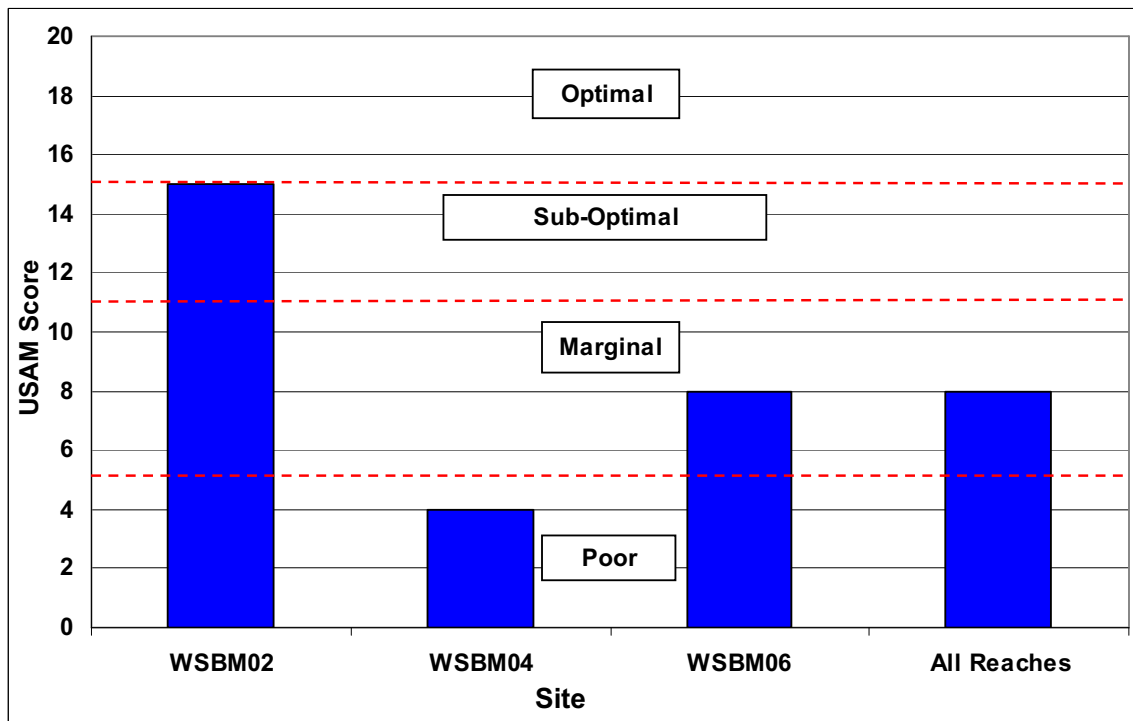
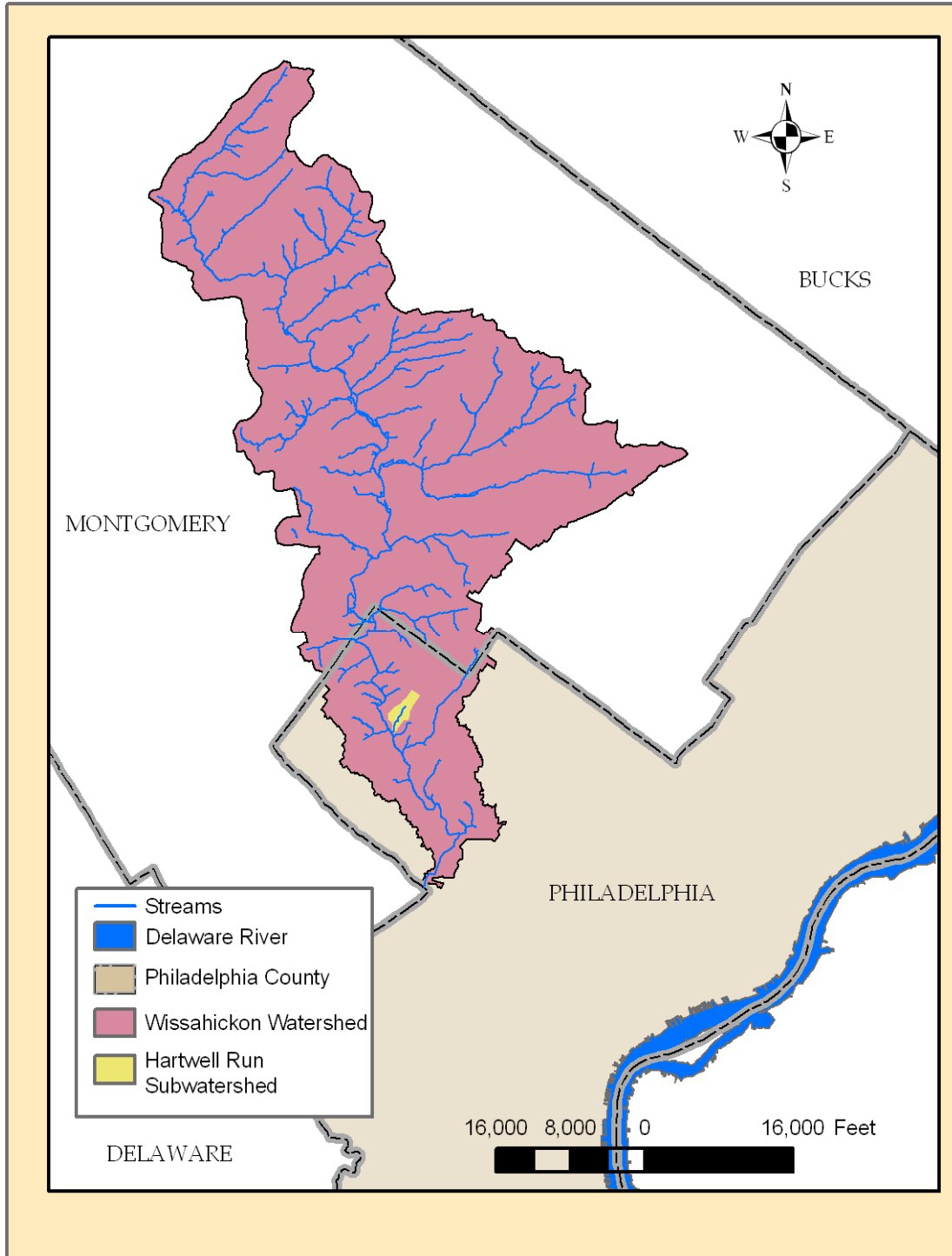


Figure D7-8: Floodplain Encroachment

Wissahickon Creek Watershed Stream Assessment Report
Hartwell Run Subwatershed

APPENDIX D8: HARTWELL RUN



SECTION D8-1: OVERALL STREAM CONDITION

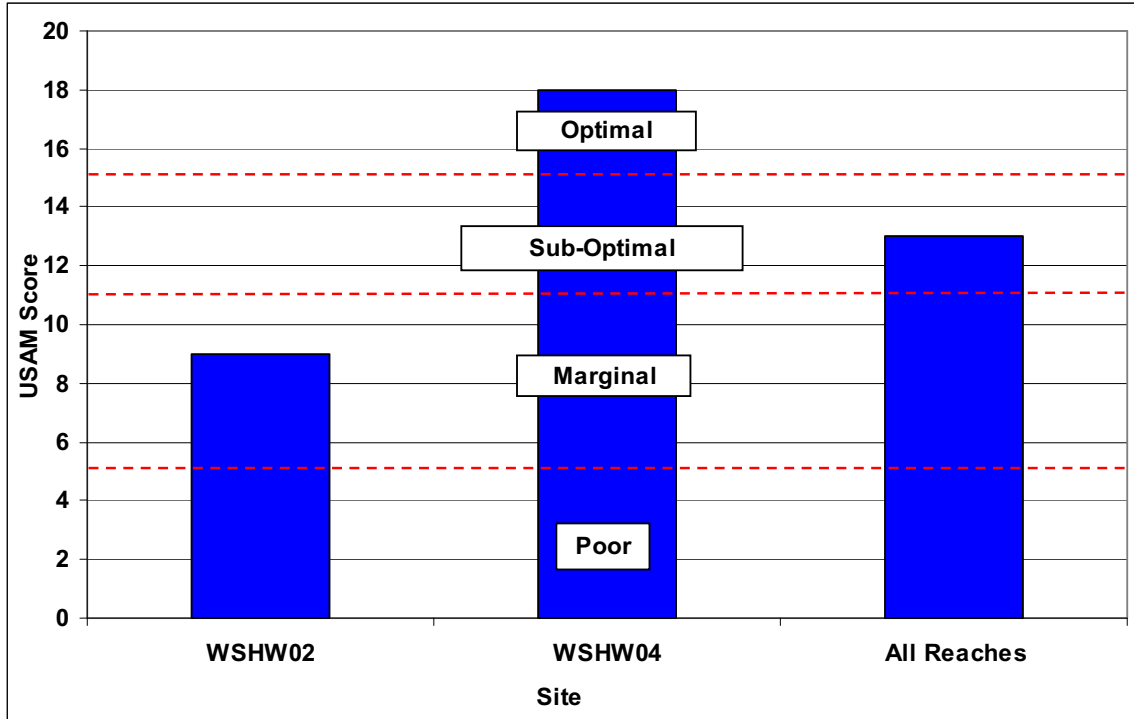


Figure D8-1: Instream Habitat

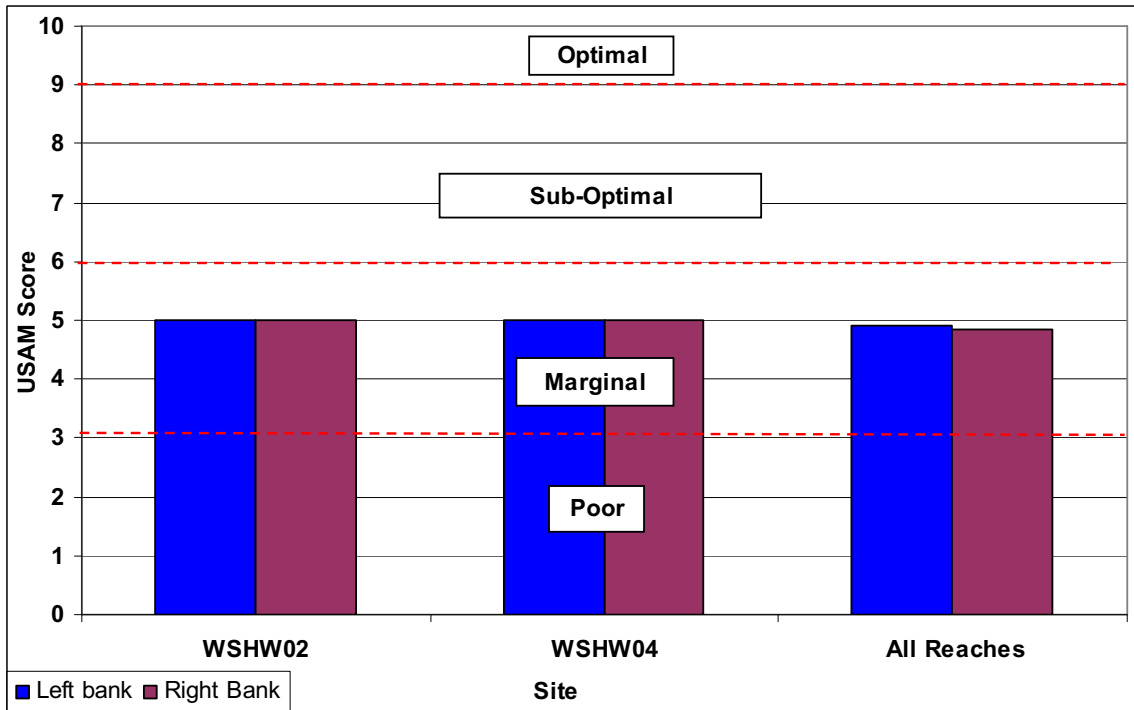


Figure D8-2: Vegetative Protection

Wissahickon Creek Watershed Stream Assessment Report
Hartwell Run Subwatershed

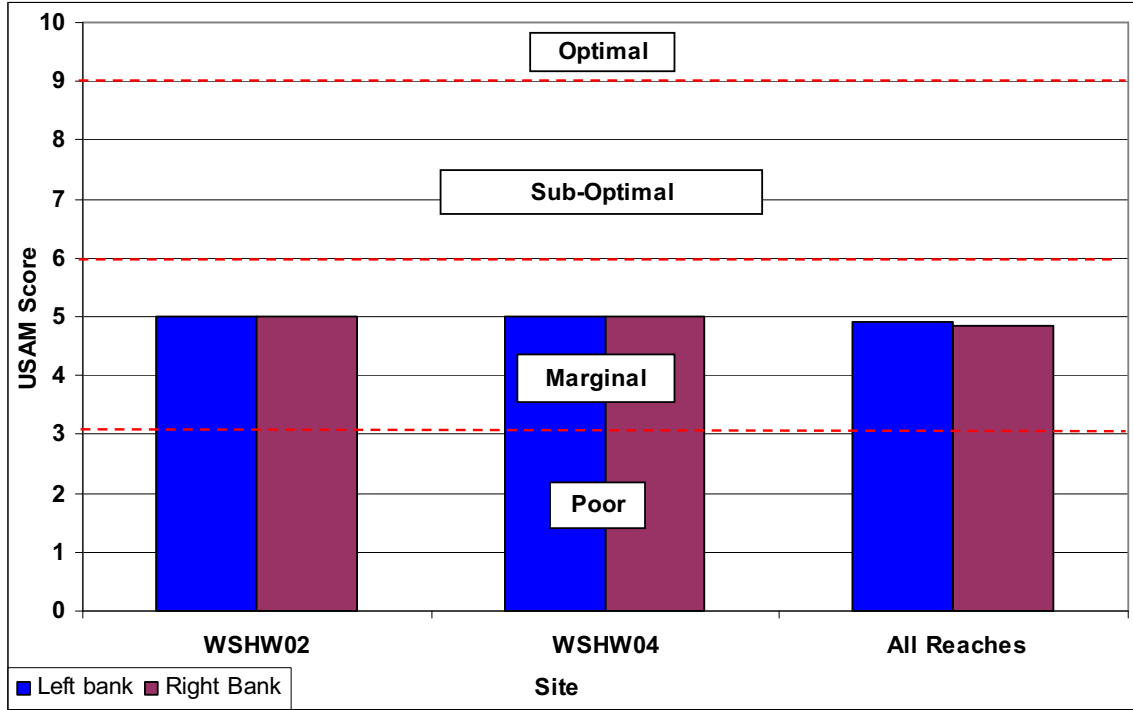


Figure D8-3: Bank Erosion

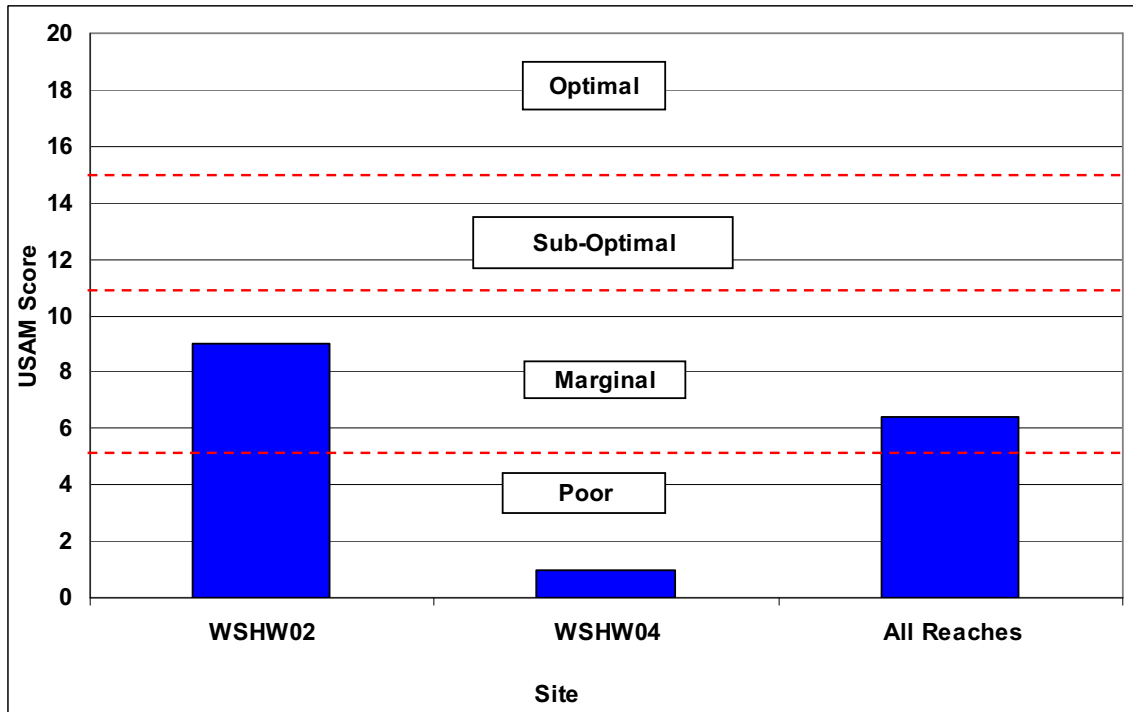


Figure D8-4: Floodplain Connection

SECTION D8-2: BUFFER/FLOODPLAIN CONDITION

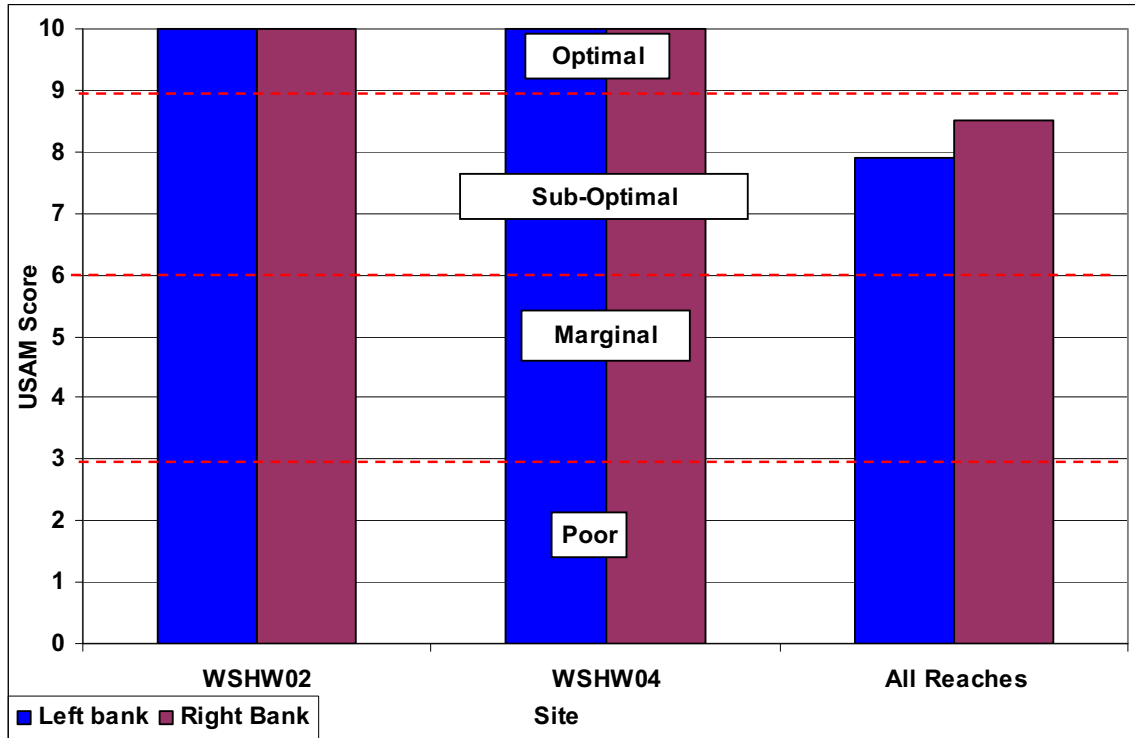


Figure D8-5: Vegetated Buffer Width

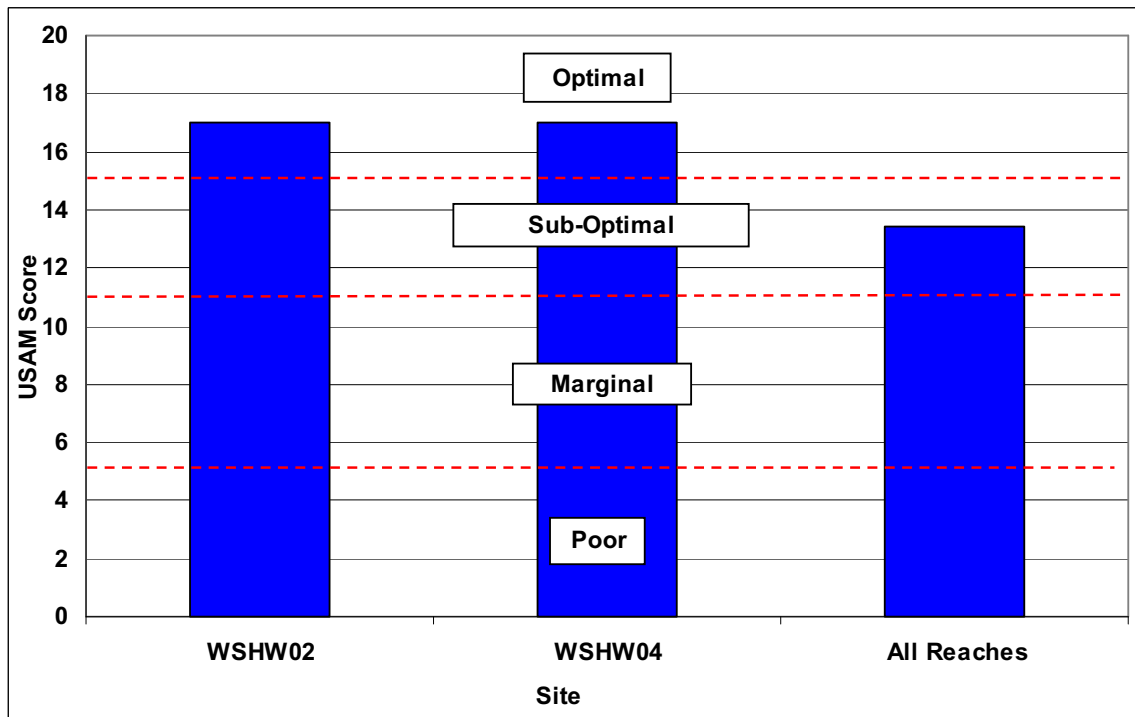


Figure D8-6: Floodplain Vegetation

Wissahickon Creek Watershed Stream Assessment Report
Hartwell Run Subwatershed

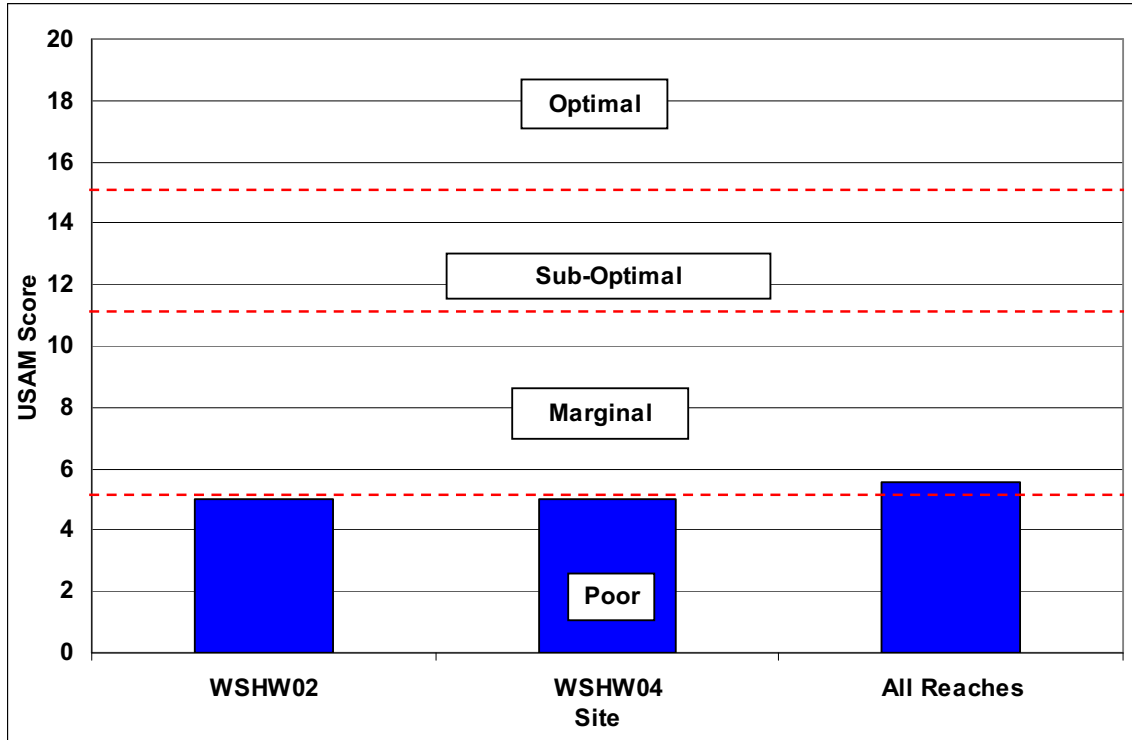


Figure D8-7: Floodplain Habitat

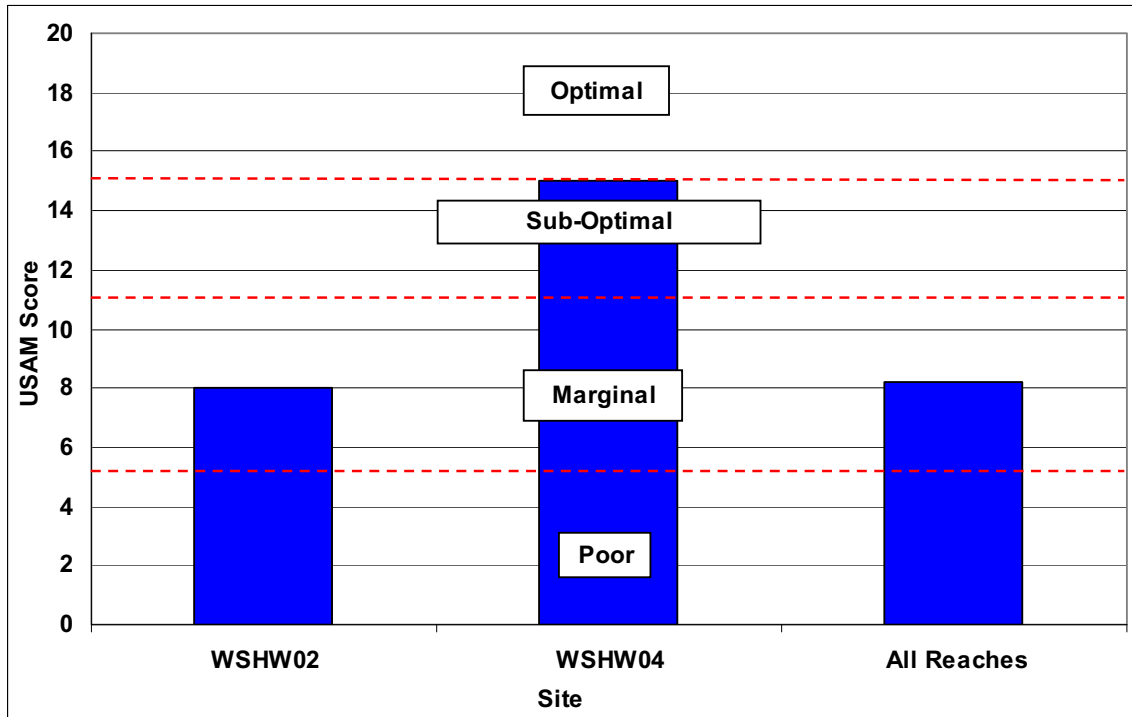
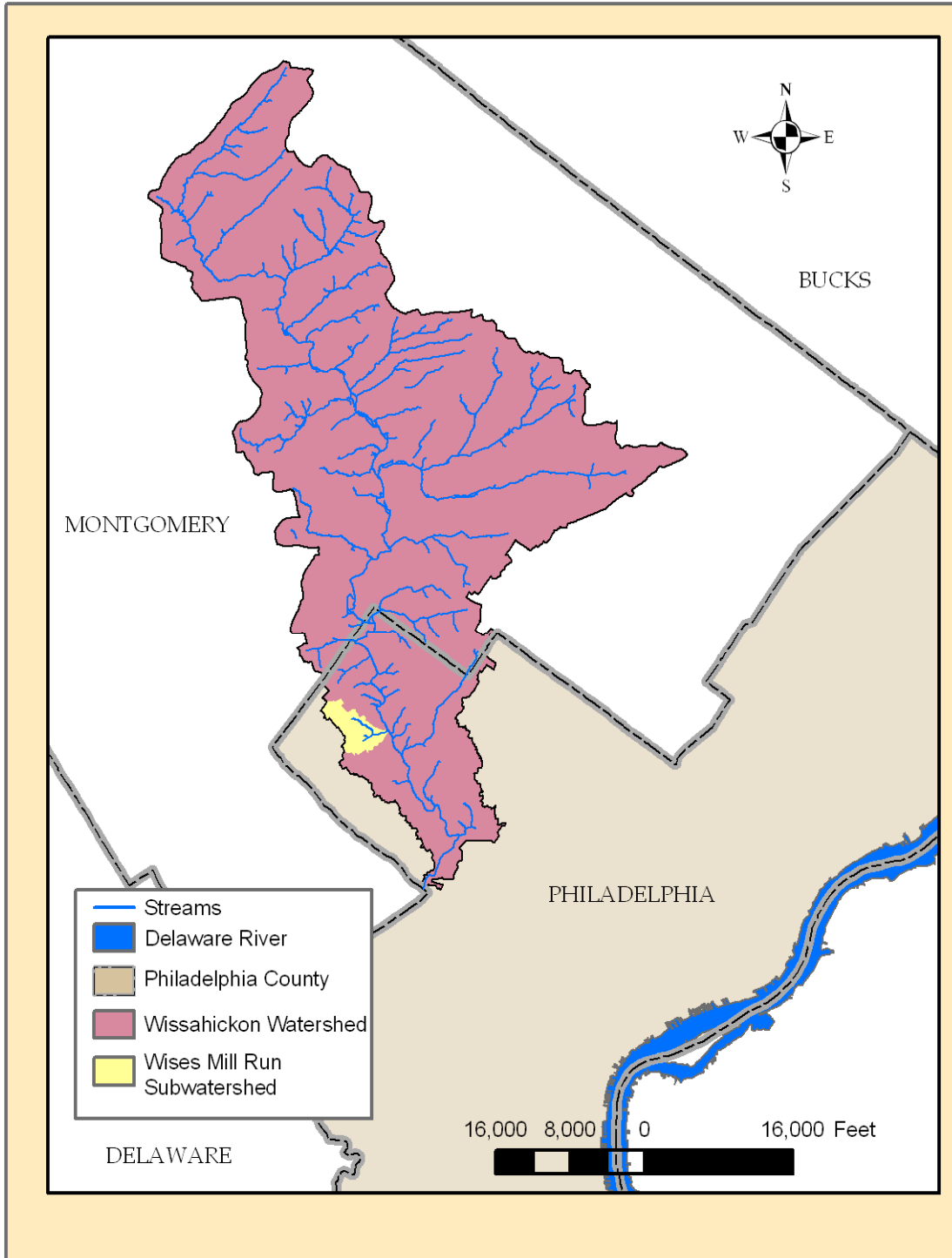


Figure D8-8: Floodplain Encroachment

Wissahickon Creek Watershed Stream Assessment Report
Wise's Mill Run Subwatershed

APPENDIX D9: WISE'S MILL RUN



Wissahickon Creek Watershed Stream Assessment Report
 Wise's Mill Run Subwatershed

SECTION D9-1: OVERALL STREAM CONDITION

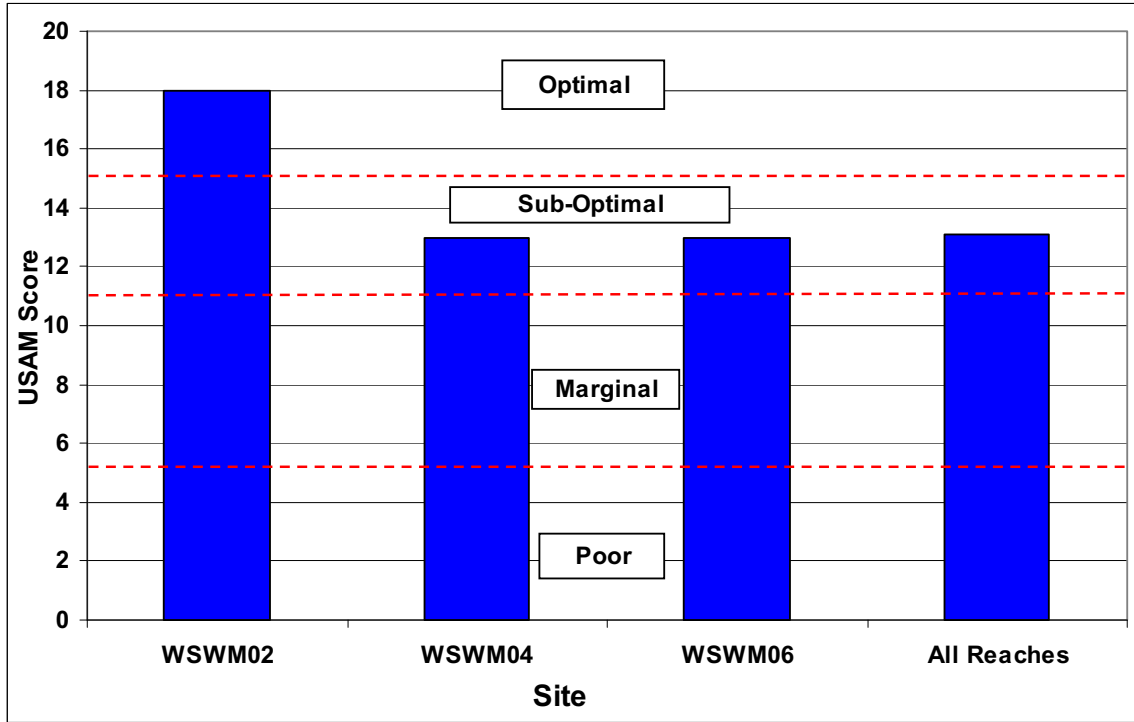


Figure D9-1: Instream Habitat

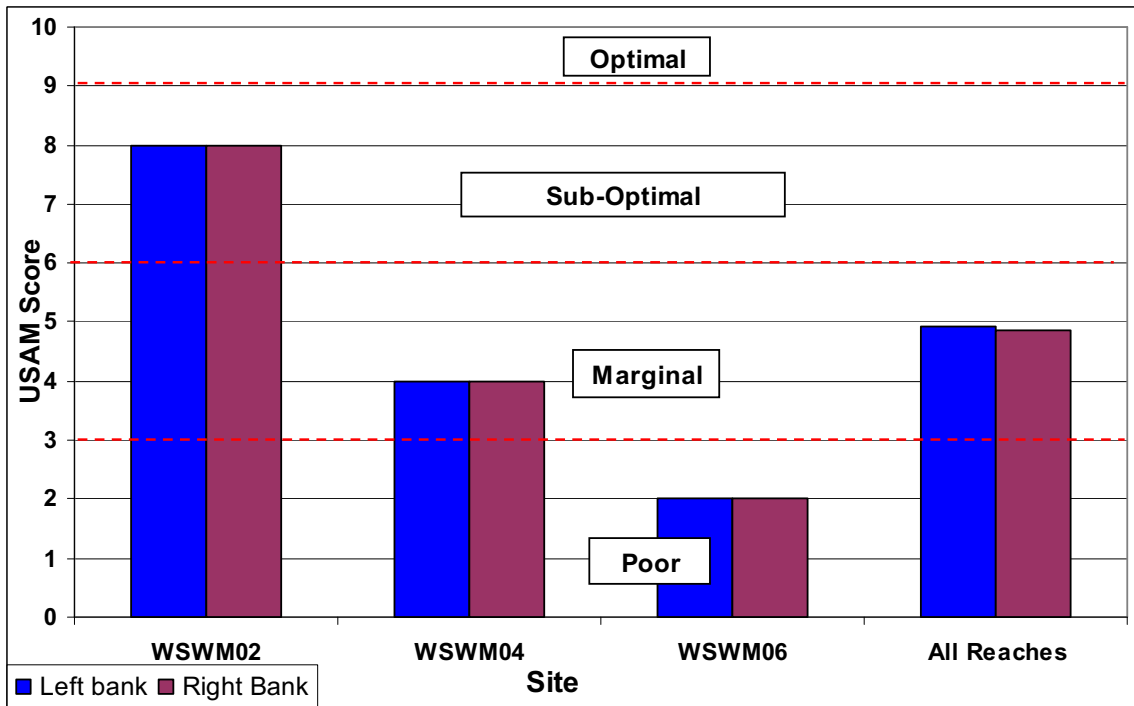


Figure D9-2: Vegetative Protection

Wissahickon Creek Watershed Stream Assessment Report
 Wise's Mill Run Subwatershed

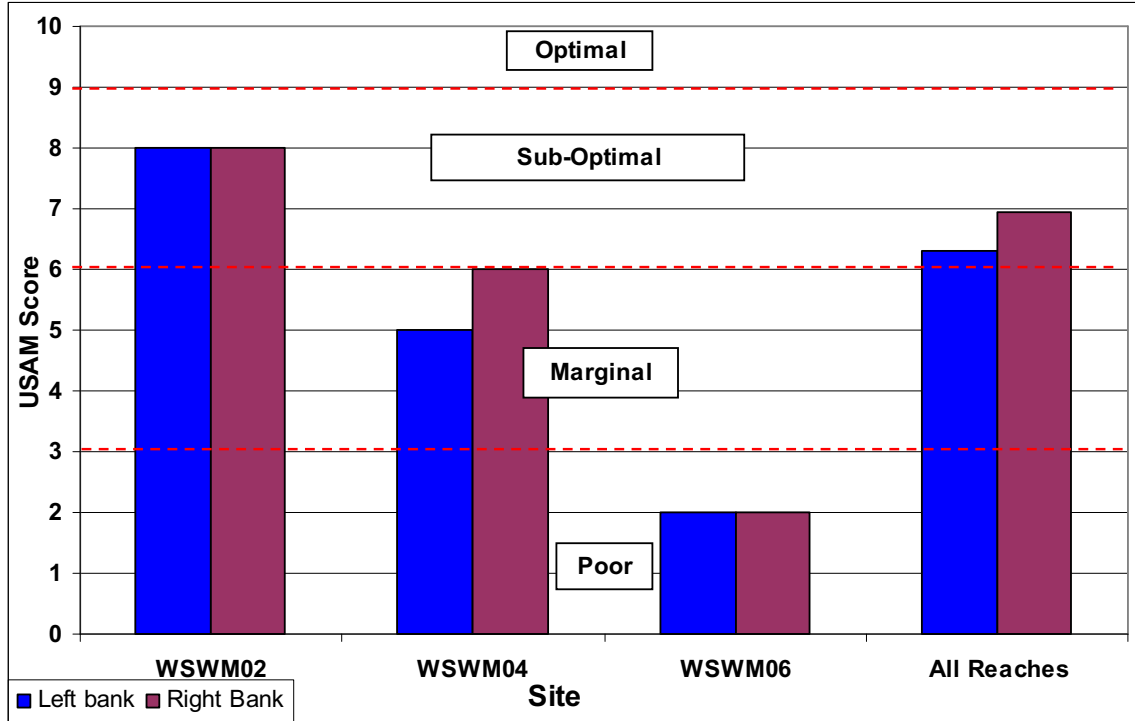


Figure D9-3: Bank Erosion

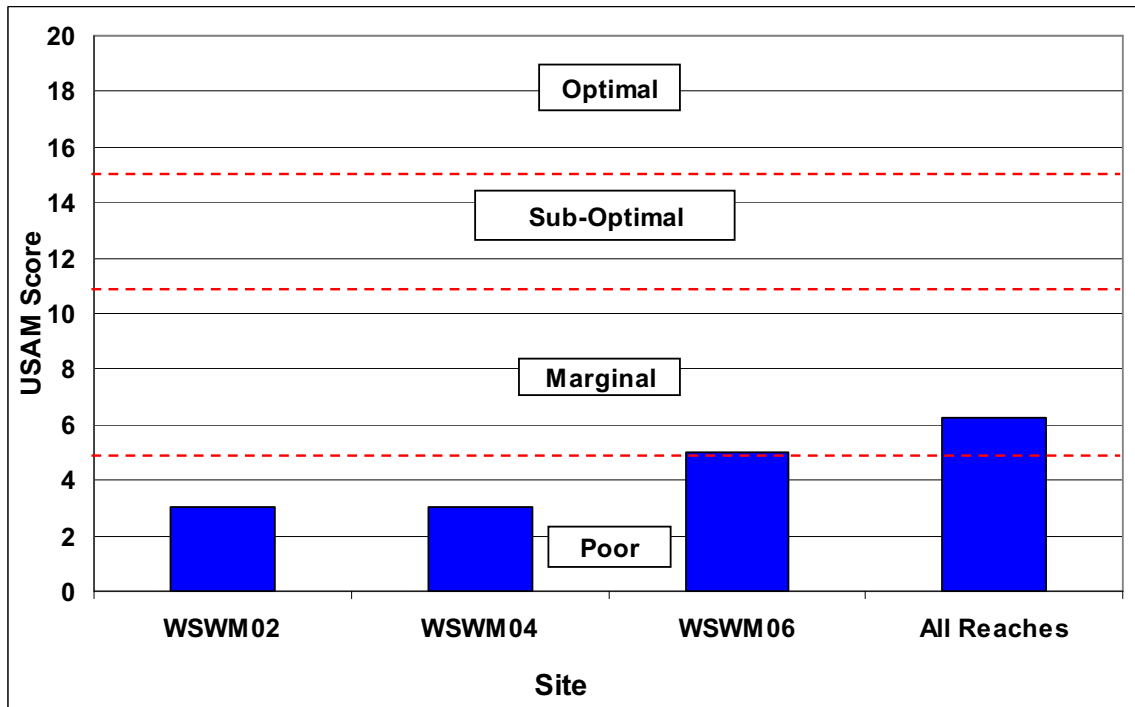


Figure D9-4: Floodplain Connection

SECTION D9-2: BUFFER/FLOODPLAIN CONDITION

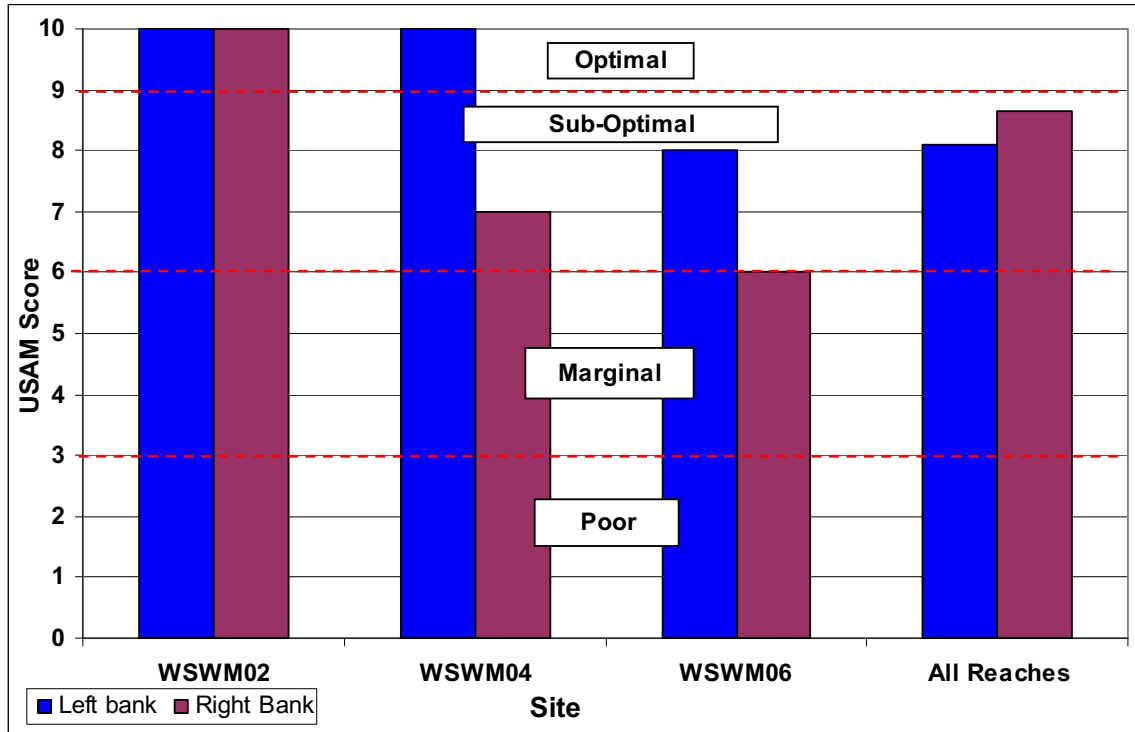


Figure D9-5: Vegetated Buffer Width

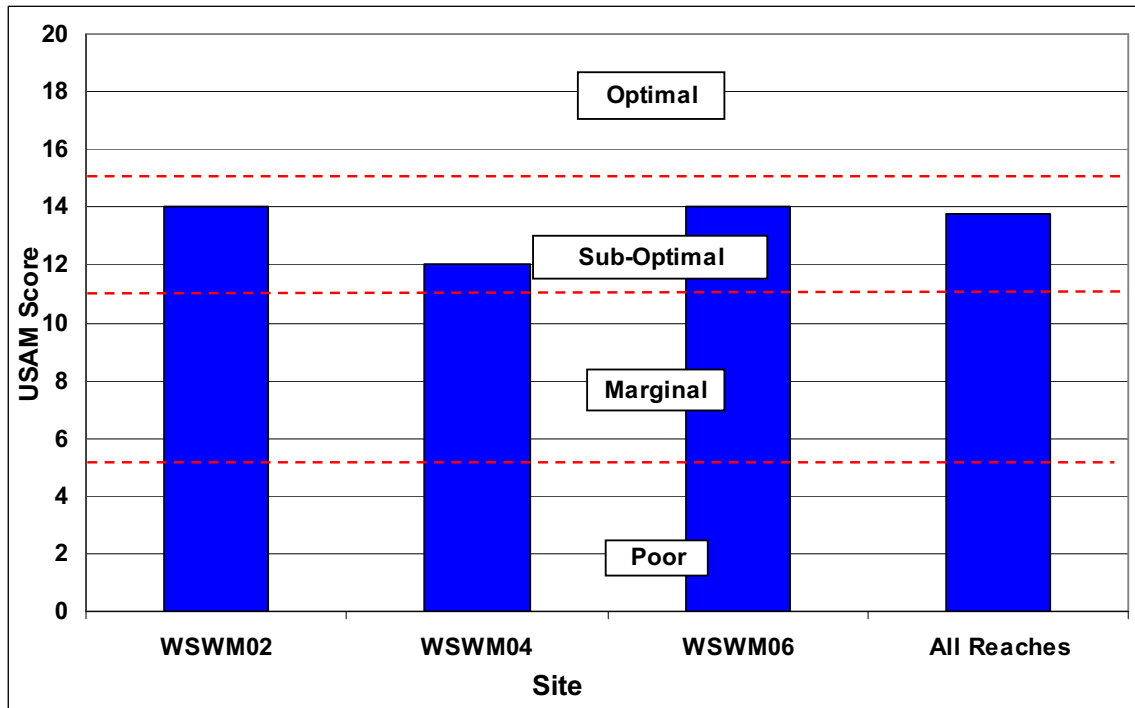


Figure D9-6: Floodplain Vegetation

Wissahickon Creek Watershed Stream Assessment Report
Wise's Mill Run Subwatershed

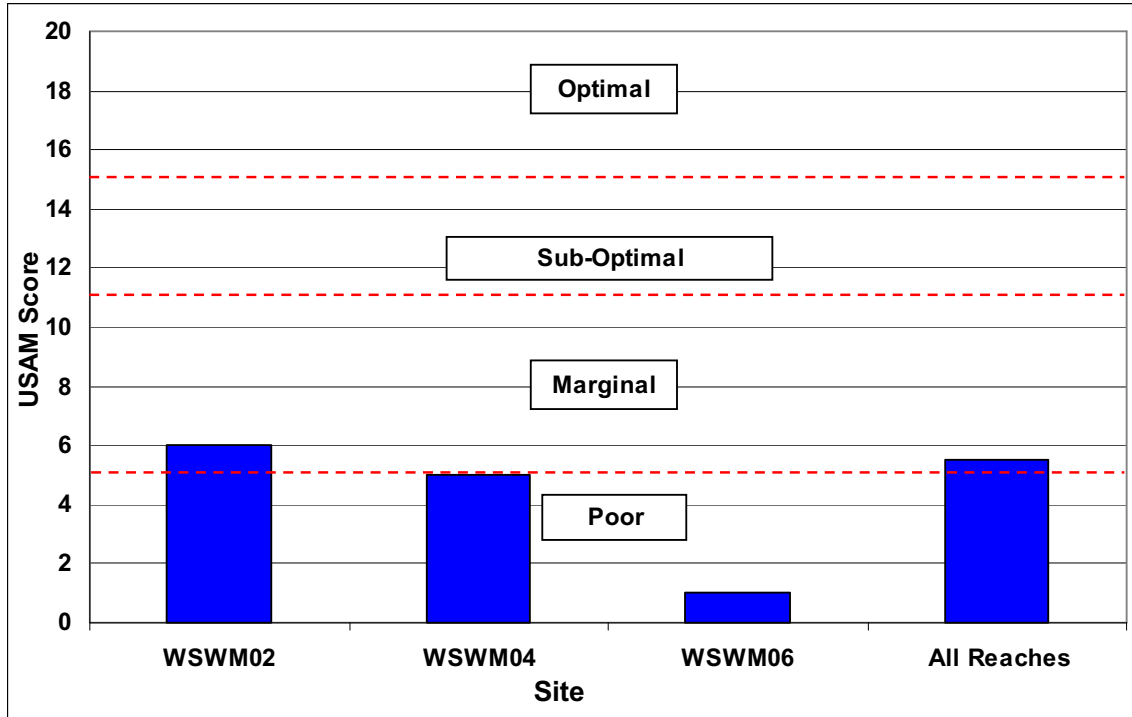


Figure D9-7: Floodplain Habitat

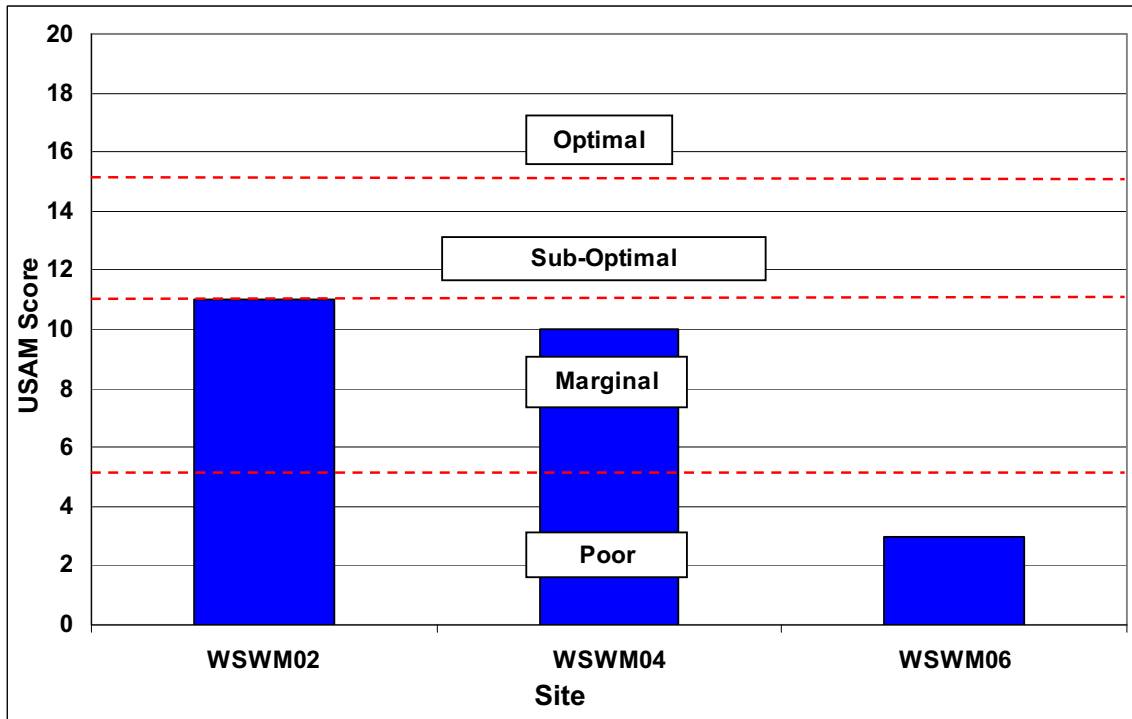
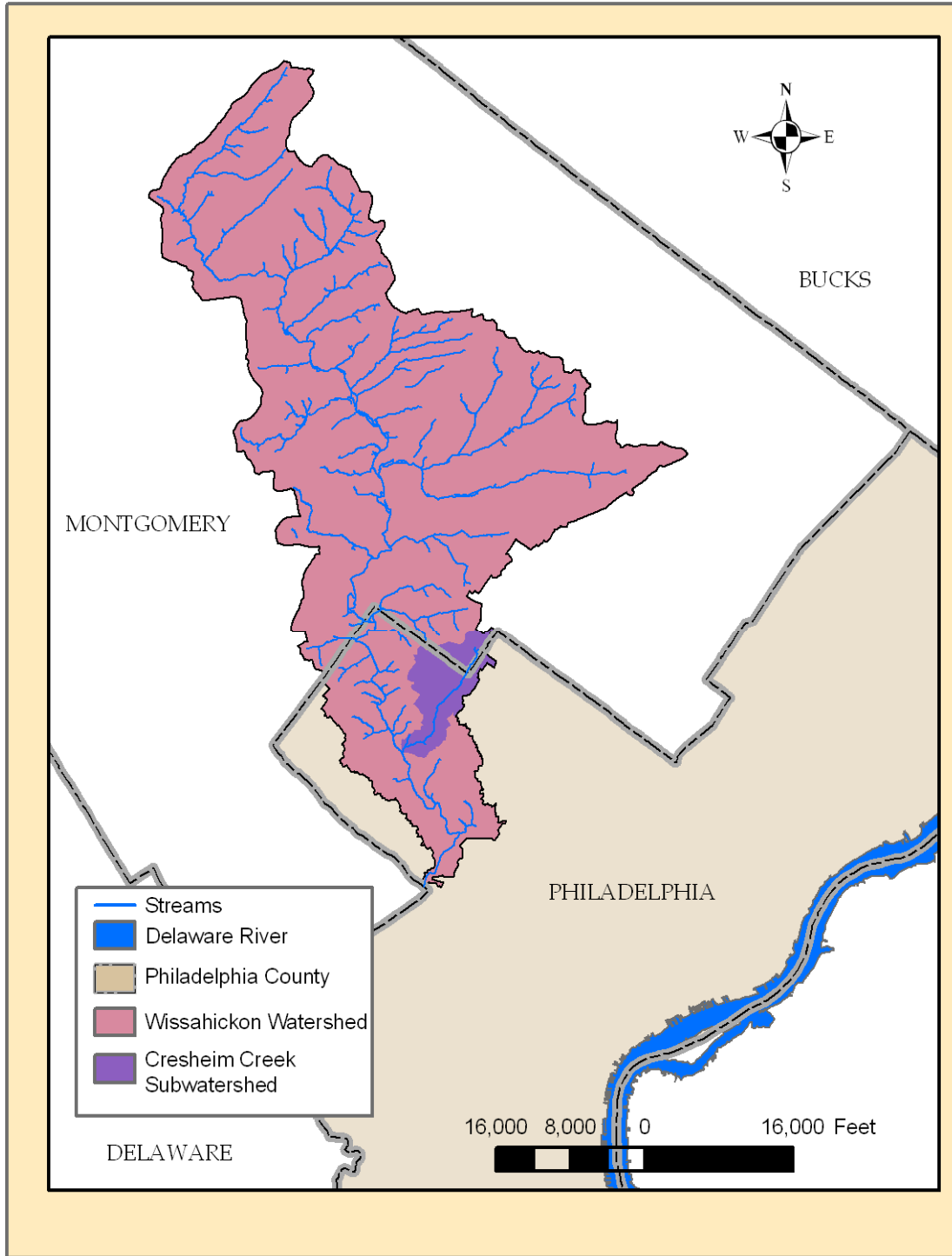


Figure D9-8: Floodplain Encroachment

Wissahickon Creek Watershed Stream Assessment Report
Cresheim Creek Subwatershed

APPENDIX D10: CRESHEIM CREEK



SECTION D10-1: OVERALL STREAM CONDITION

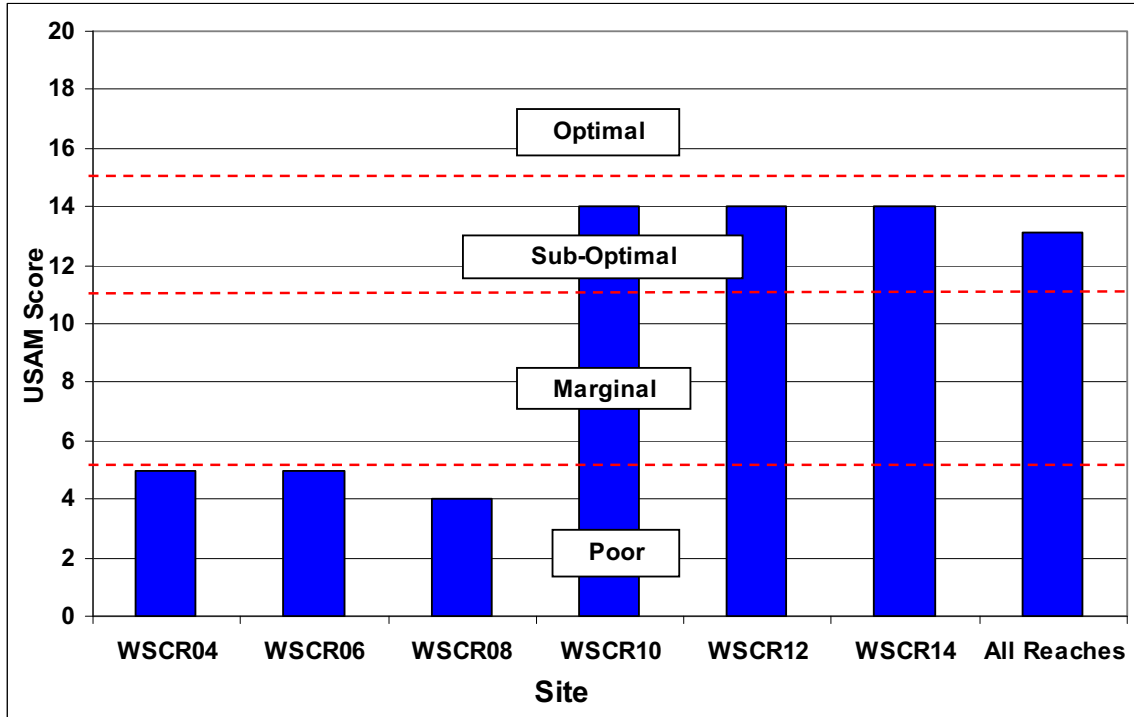


Figure D10-1: Instream Habitat

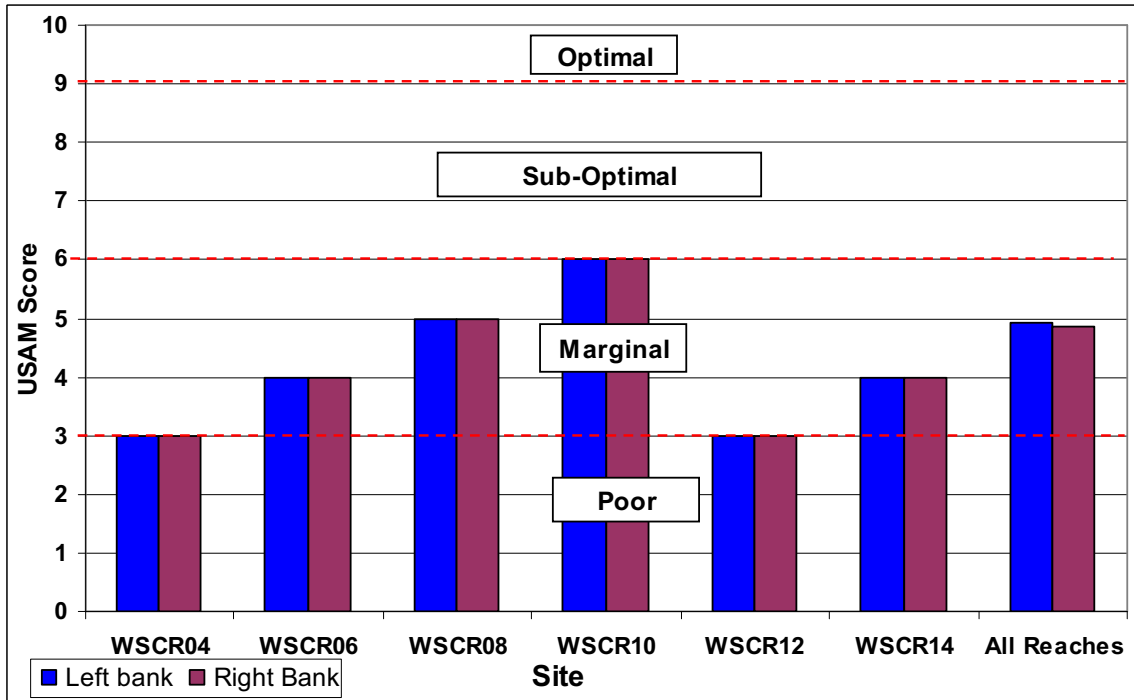


Figure D10-2: Vegetative Protection

Wissahickon Creek Watershed Stream Assessment Report
Cresheim Creek Subwatershed

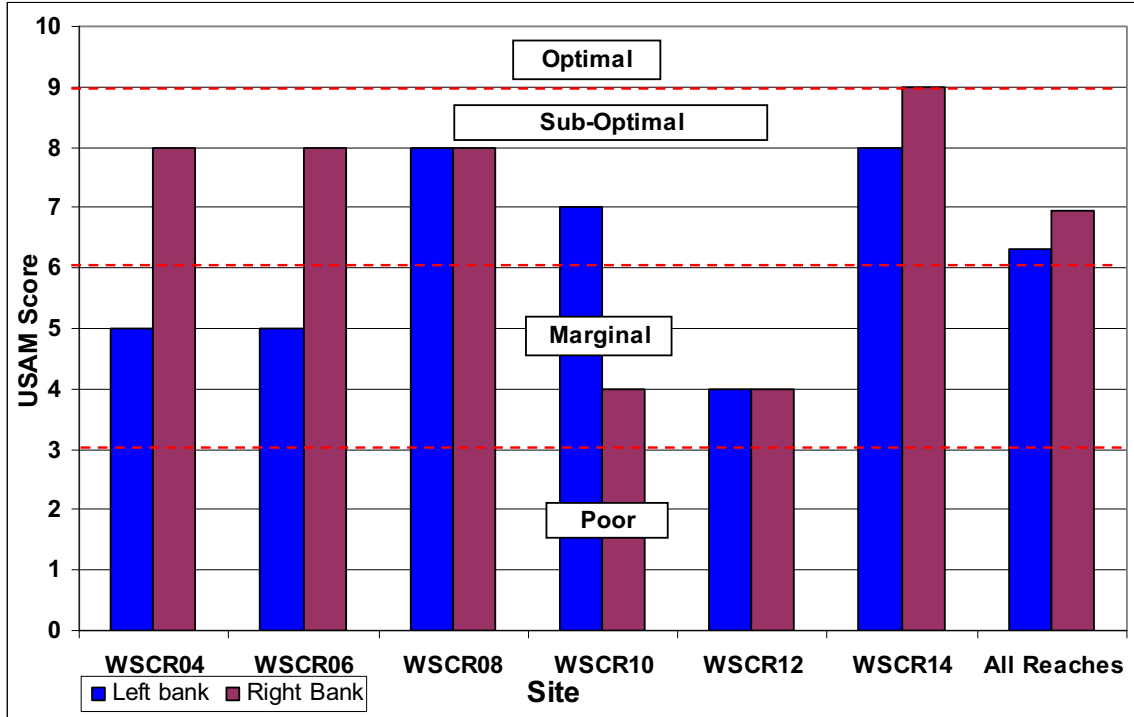


Figure D10-3: Bank Erosion

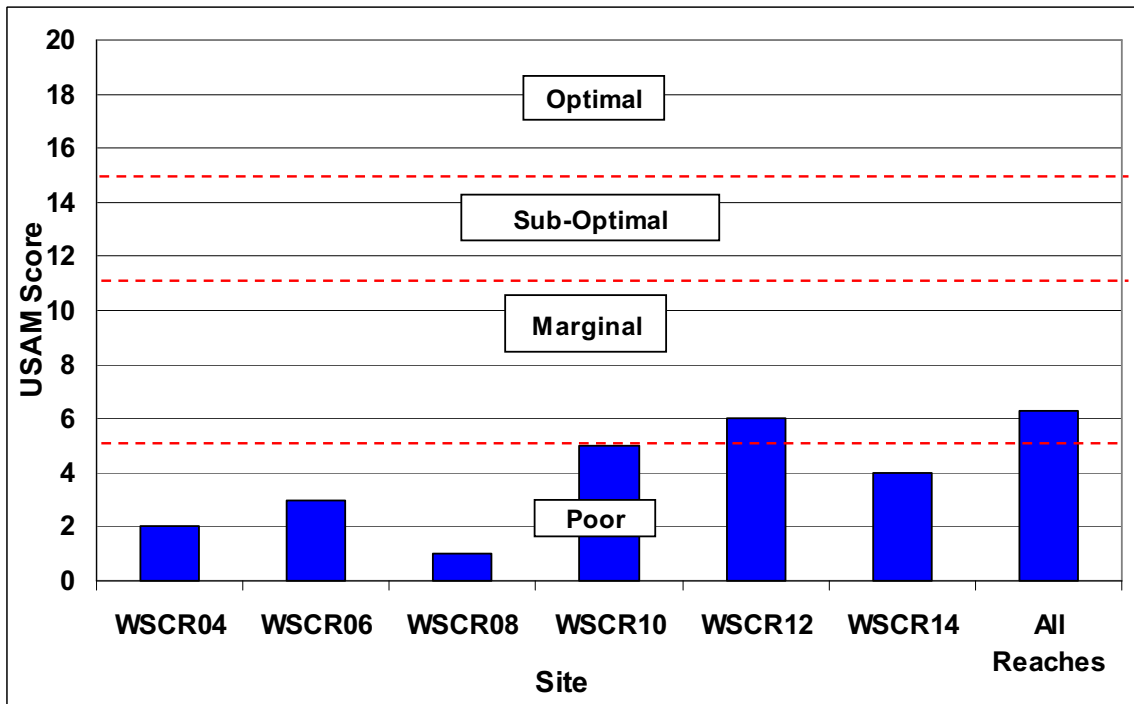


Figure D10-4: Floodplain Connection

SECTION D10-2: BUFFER/FLOODPLAIN CONDITION

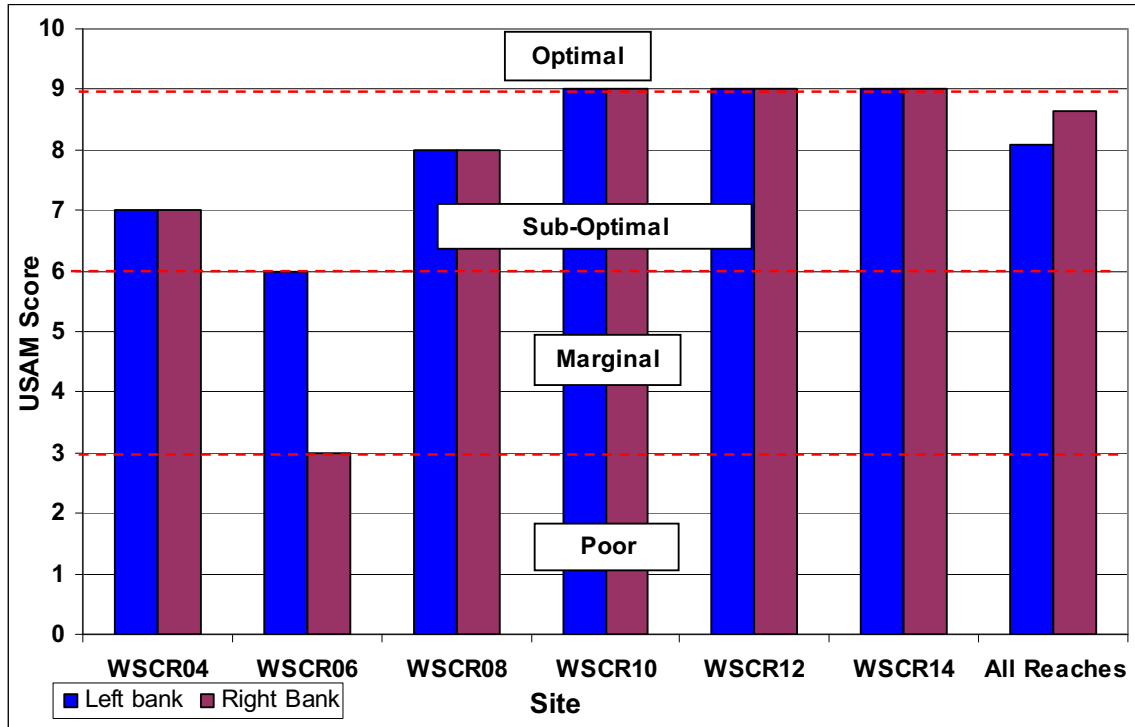


Figure D10-5: Vegetated Buffer Width

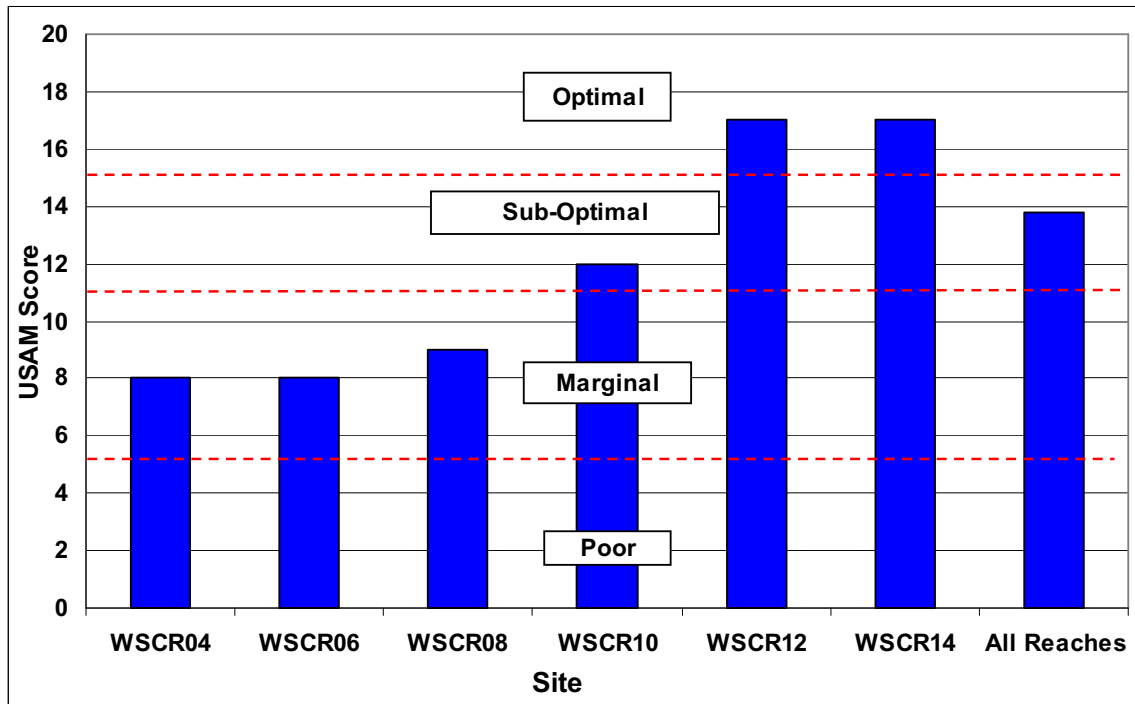


Figure D10-6: Floodplain Vegetation

Wissahickon Creek Watershed Stream Assessment Report
Cresheim Creek Subwatershed

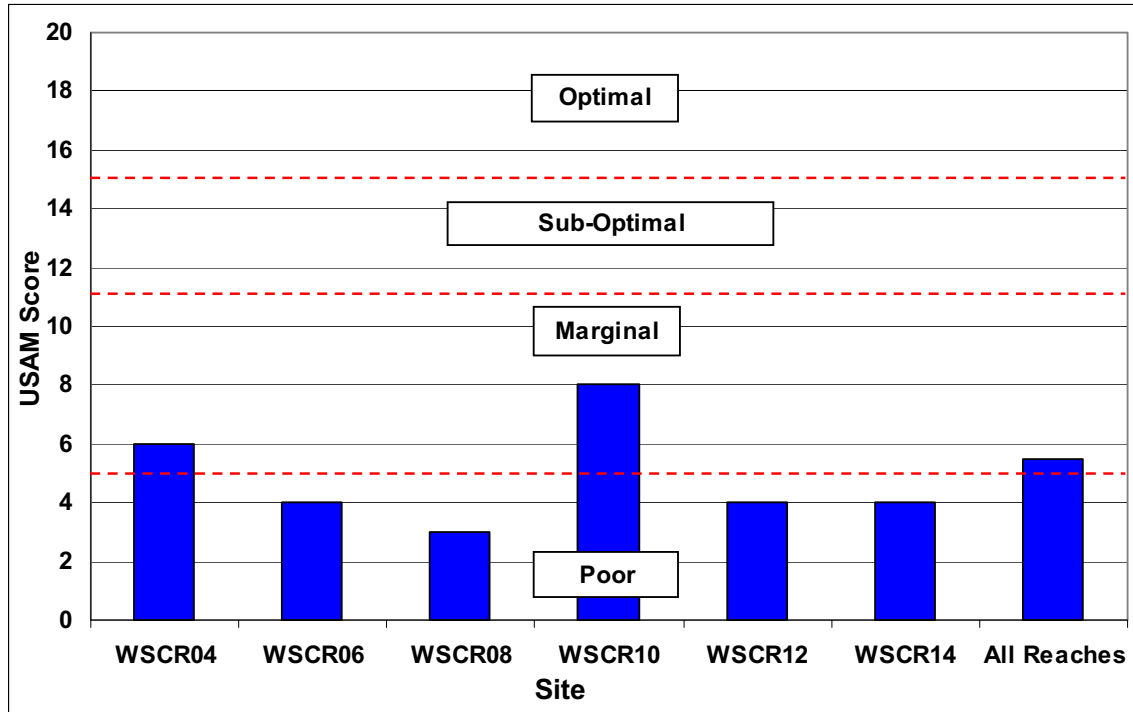


Figure D10-7: Floodplain Habitat

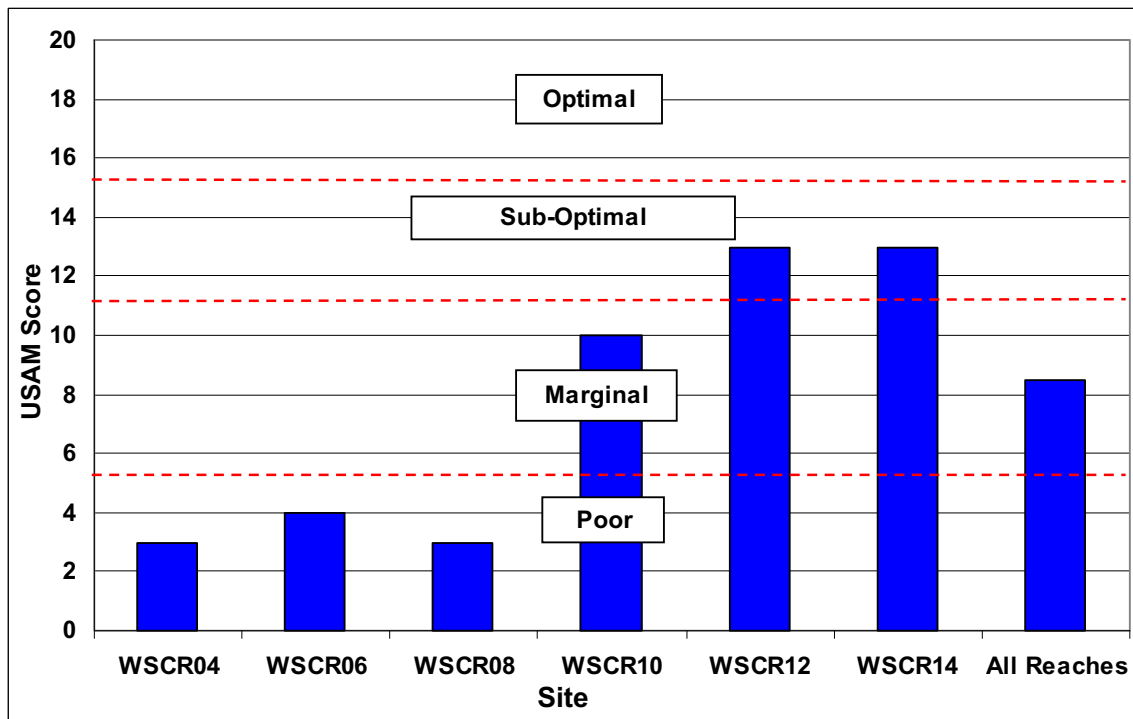
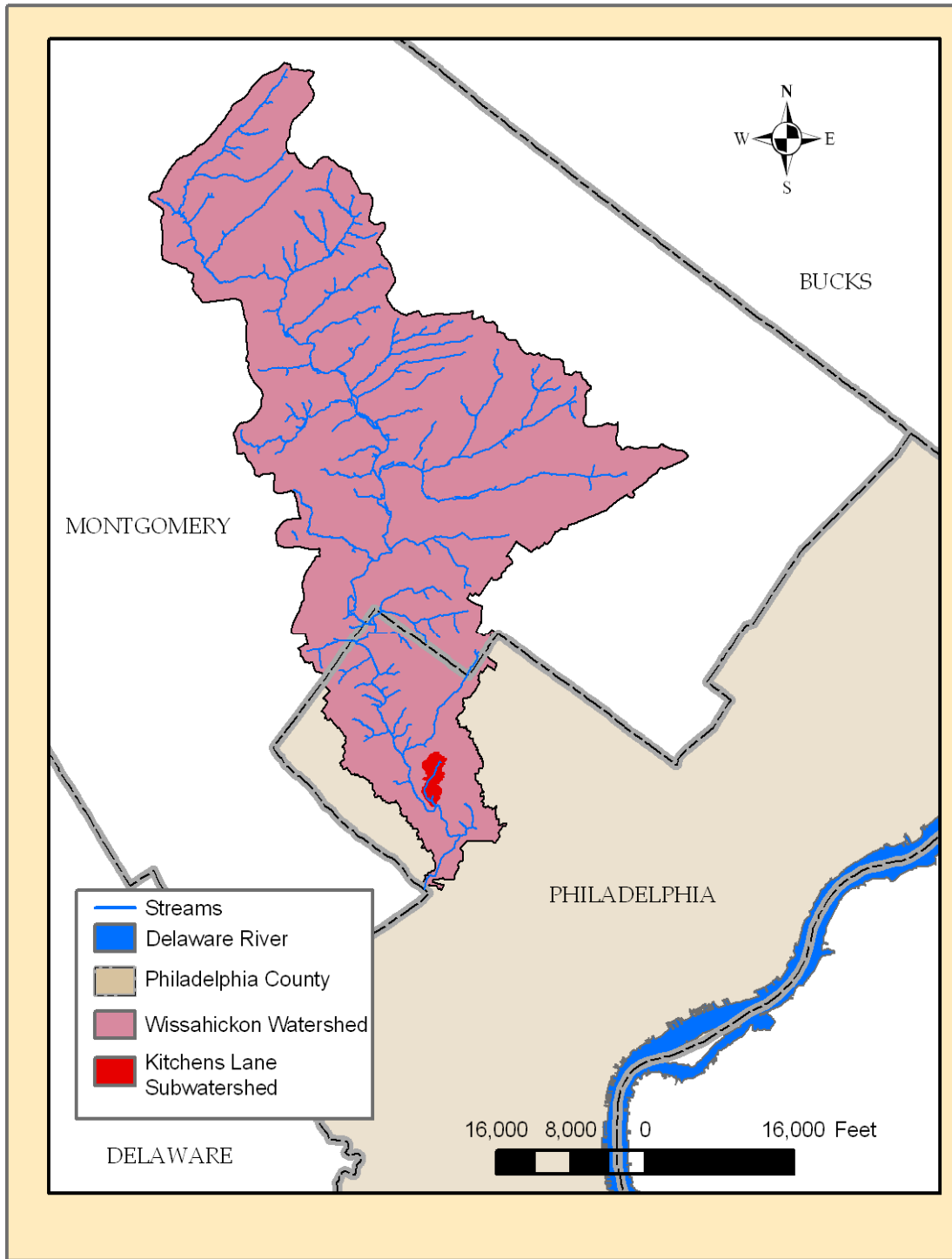


Figure D10-8: Floodplain Encroachment

Wissahickon Creek Watershed Stream Assessment Report
Kitchen's Lane Subwatershed

APPENDIX D11: KITCHEN'S LANE



SECTION D11-1: OVERALL STREAM CONDITION

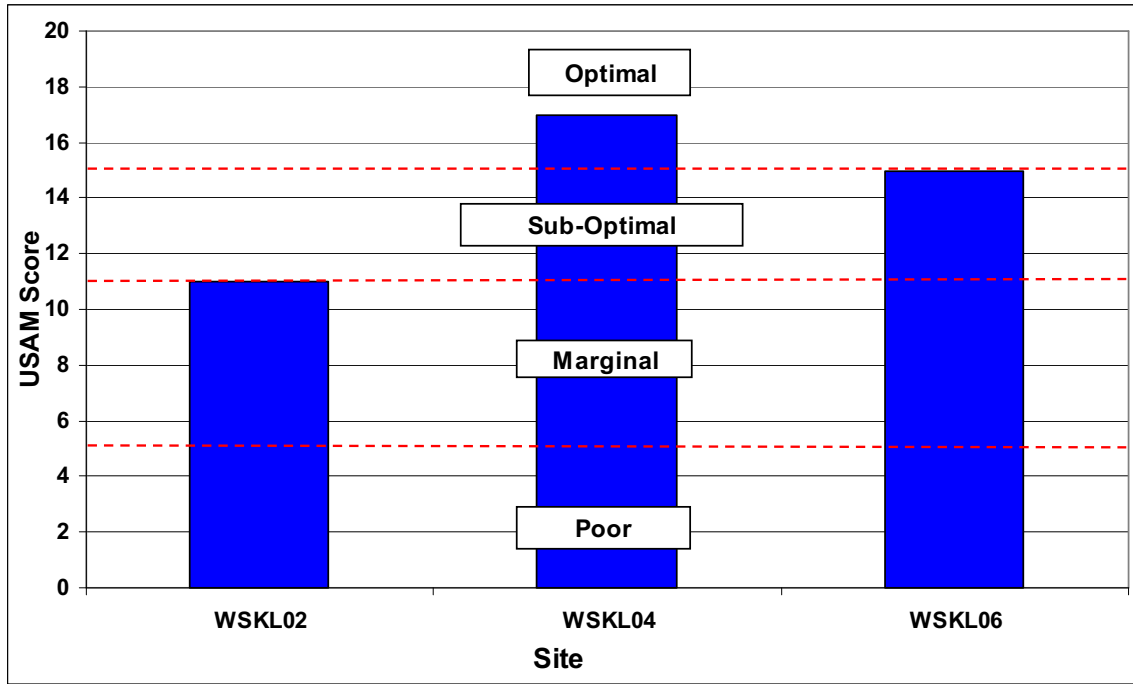


Figure D11-1: Instream Habitat

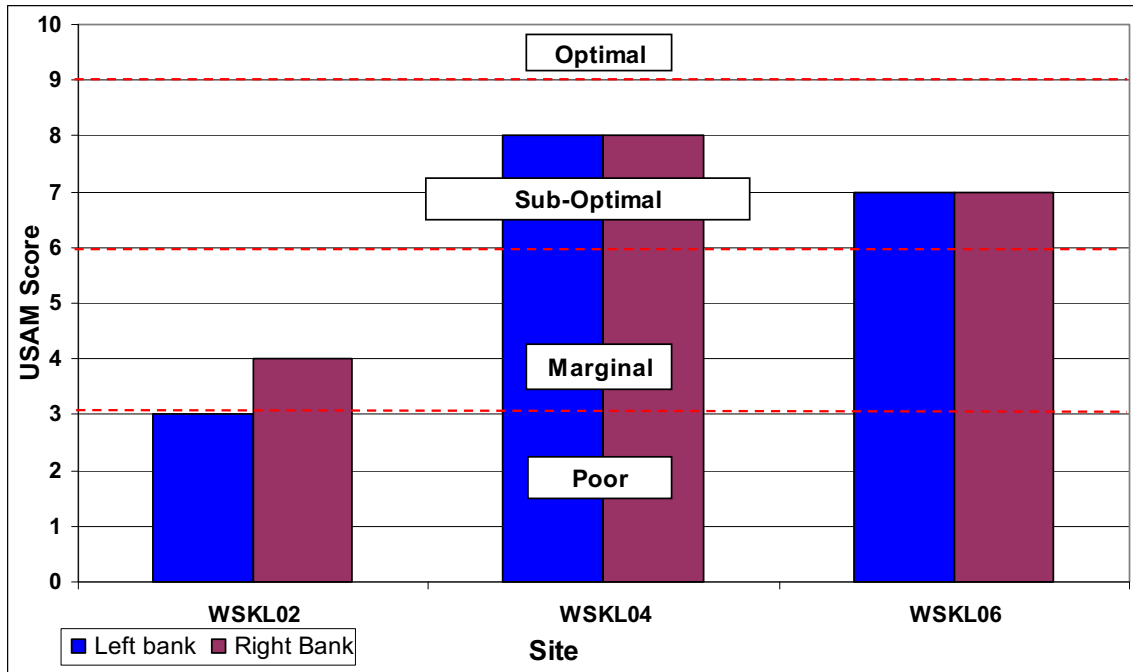


Figure D11-2: Vegetative Protection

Wissahickon Creek Watershed Stream Assessment Report
Kitchen's Lane Subwatershed

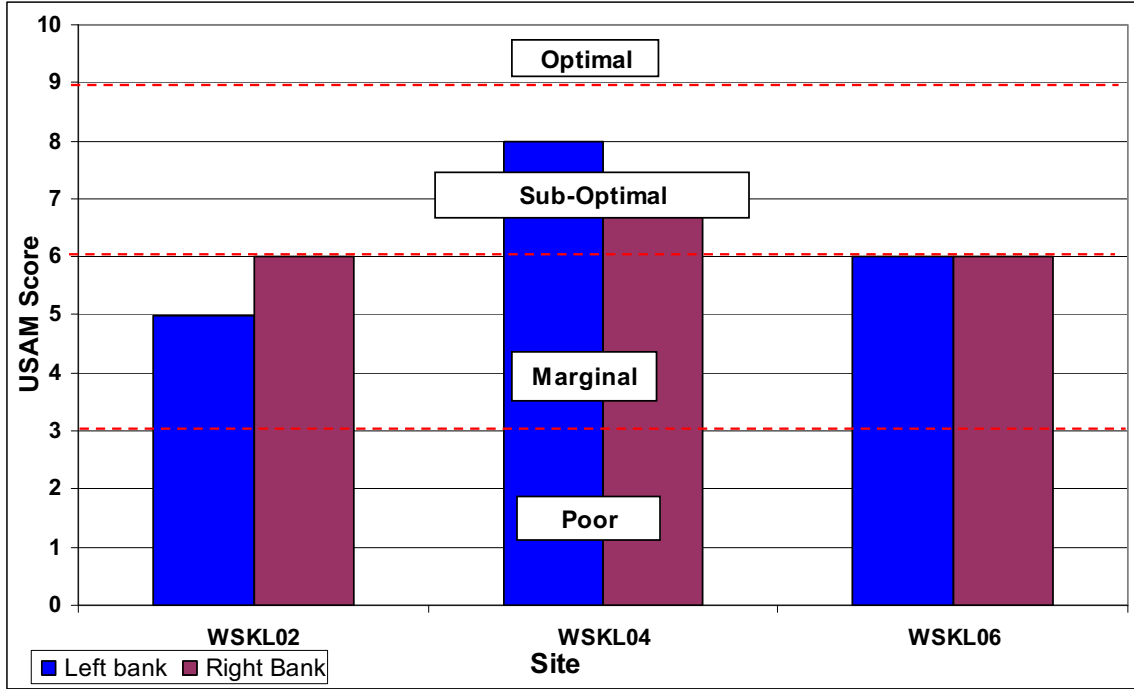


Figure D11-3: Bank Erosion

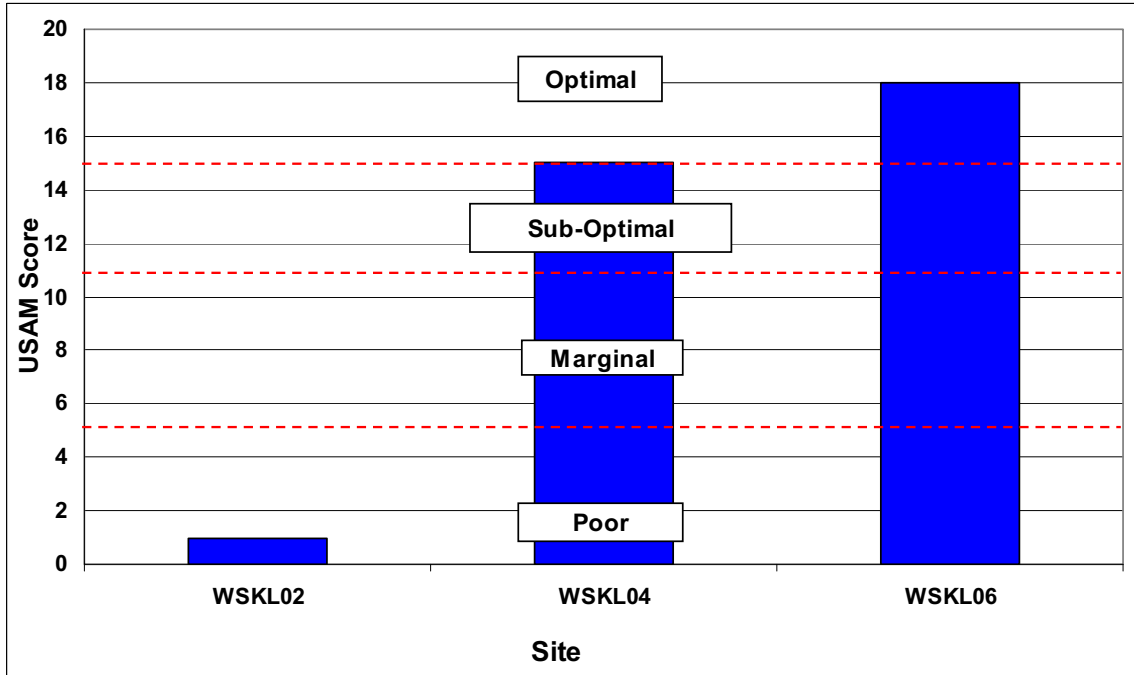


Figure D11-4: Floodplain Connection

SECTION D11-2: BUFFER/FLOODPLAIN CONDITION

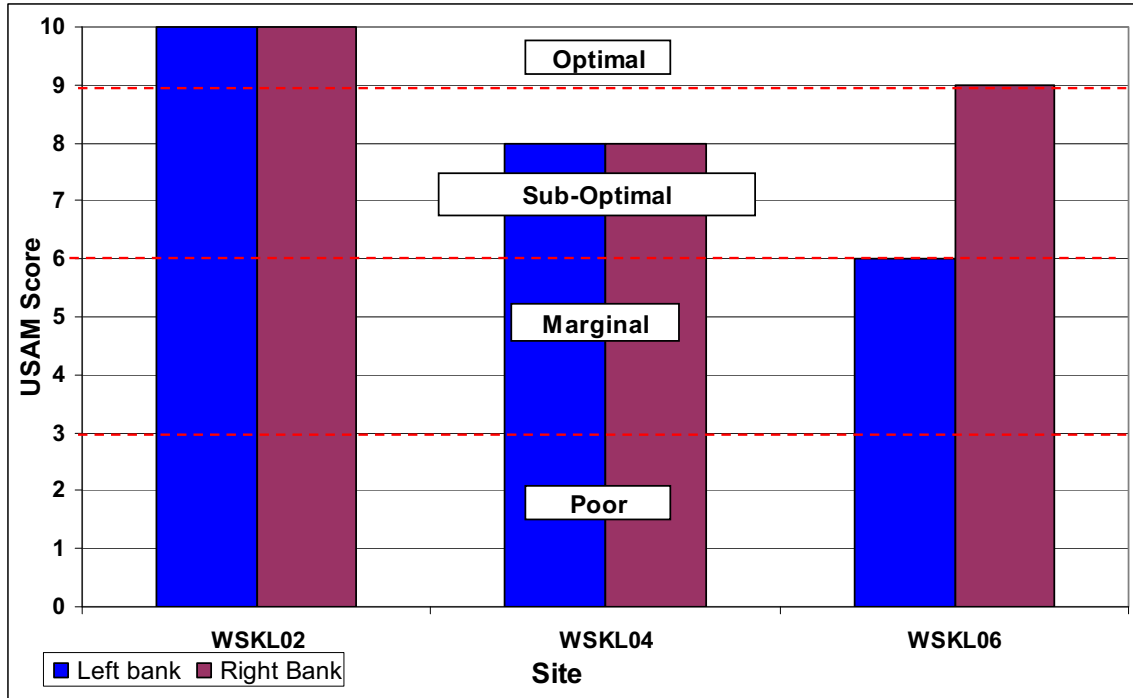


Figure D11-5: Vegetated Buffer Width

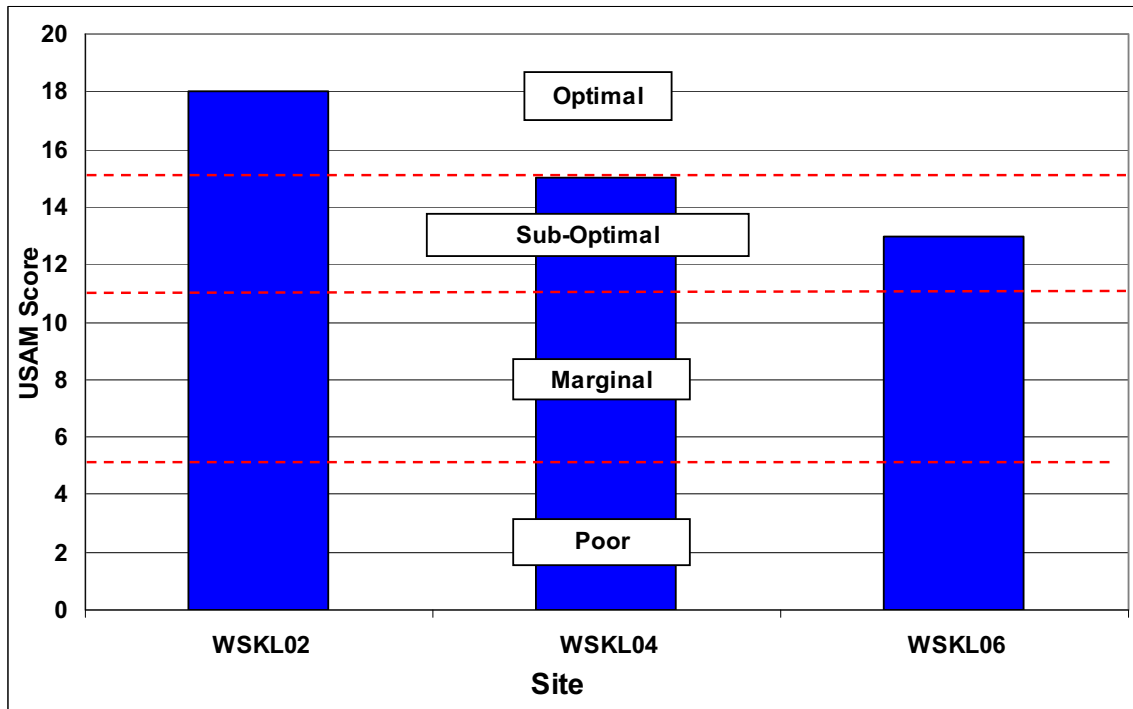


Figure D11-6: Floodplain Vegetation

Wissahickon Creek Watershed Stream Assessment Report
Kitchen's Lane Subwatershed

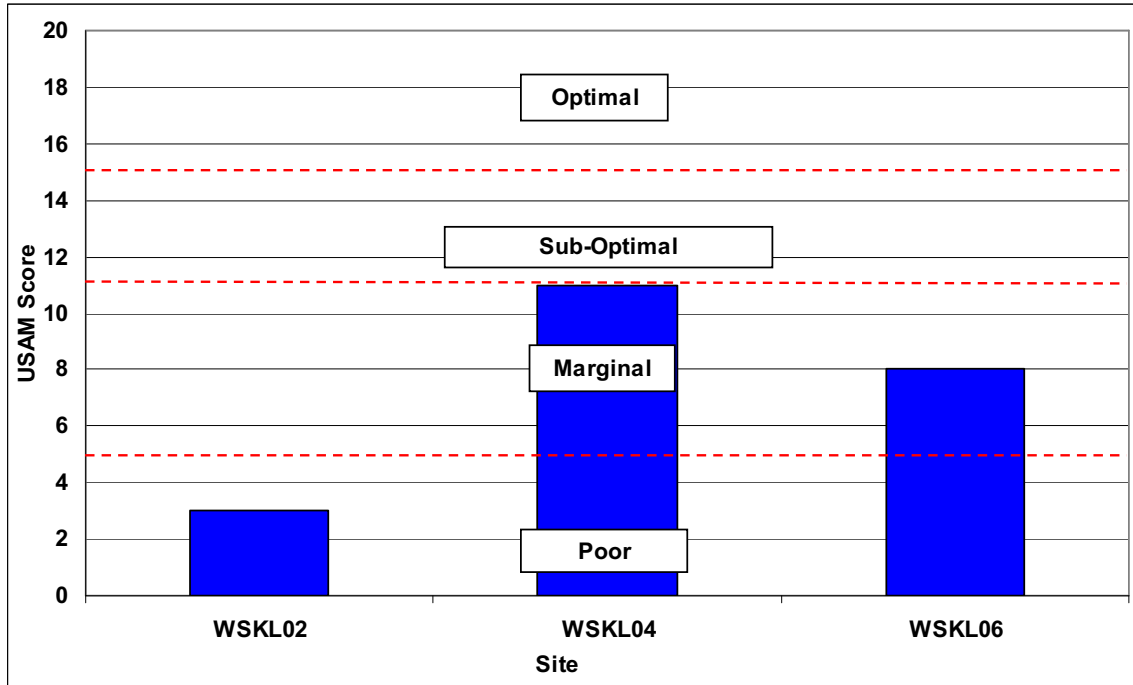


Figure D11-7: Floodplain Habitat

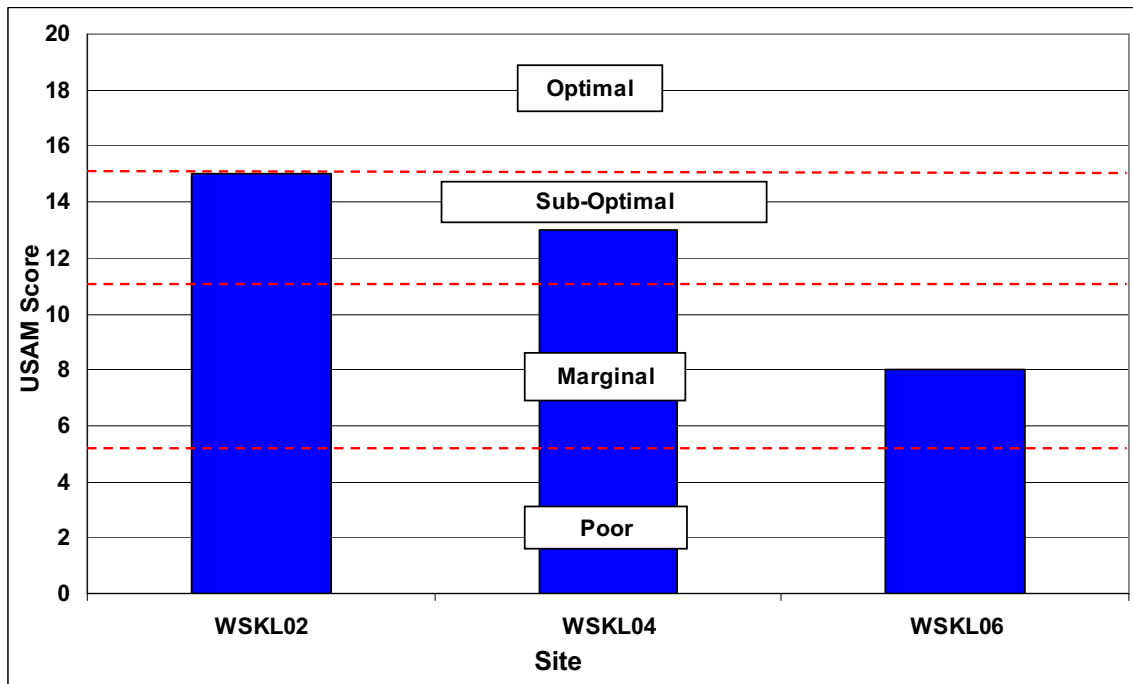
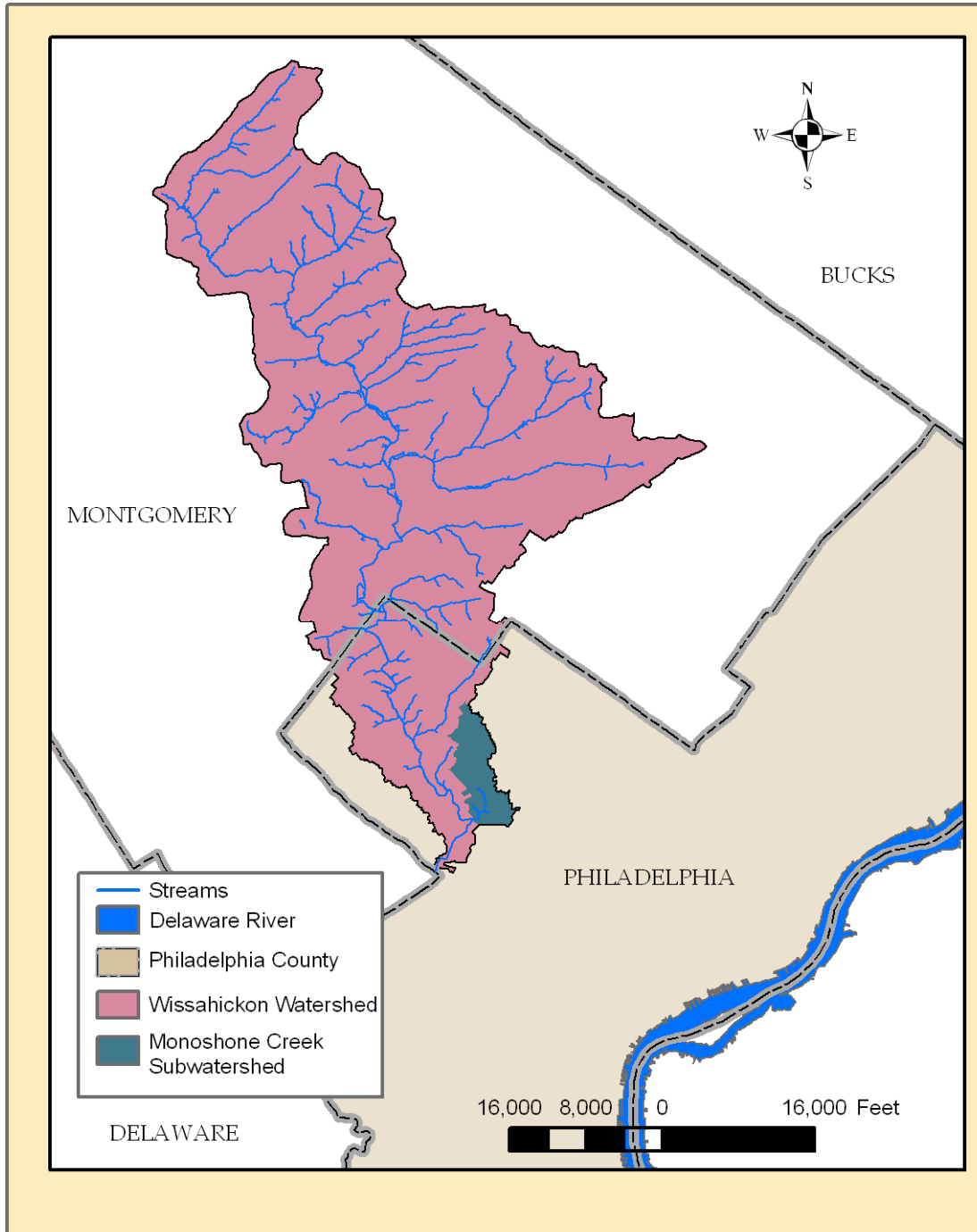


Figure D11-8: Floodplain Encroachment

Wissahickon Creek Watershed Stream Assessment Report
Monoshone Creek Subwatershed

APPENDIX D12: MONOSHONE CREEK



SECTION D12-1: OVERALL STREAM CONDITION

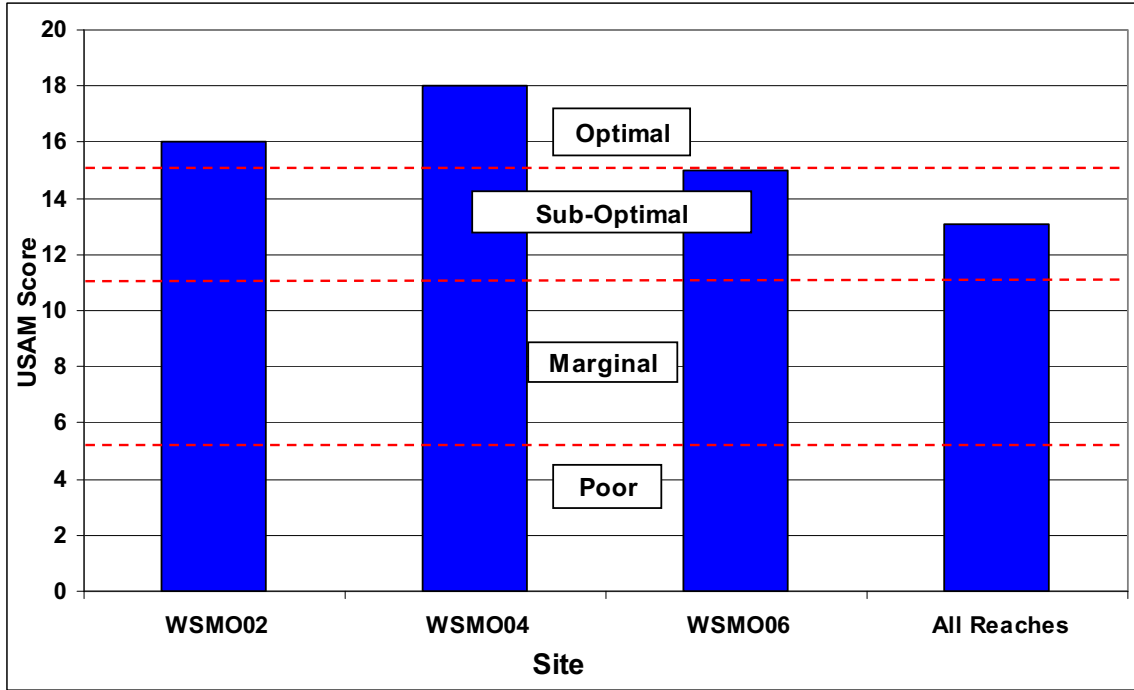


Figure D12-1: Instream Habitat

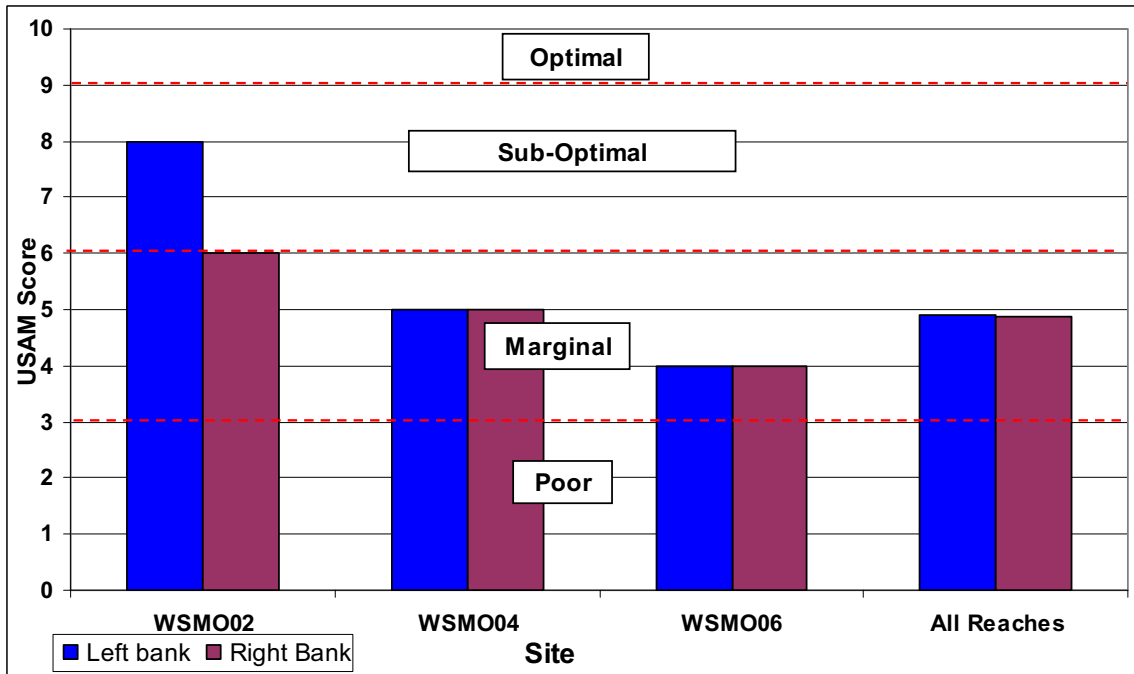


Figure D12-2: Vegetative Protection

Wissahickon Creek Watershed Stream Assessment Report
 Monoshone Creek Subwatershed

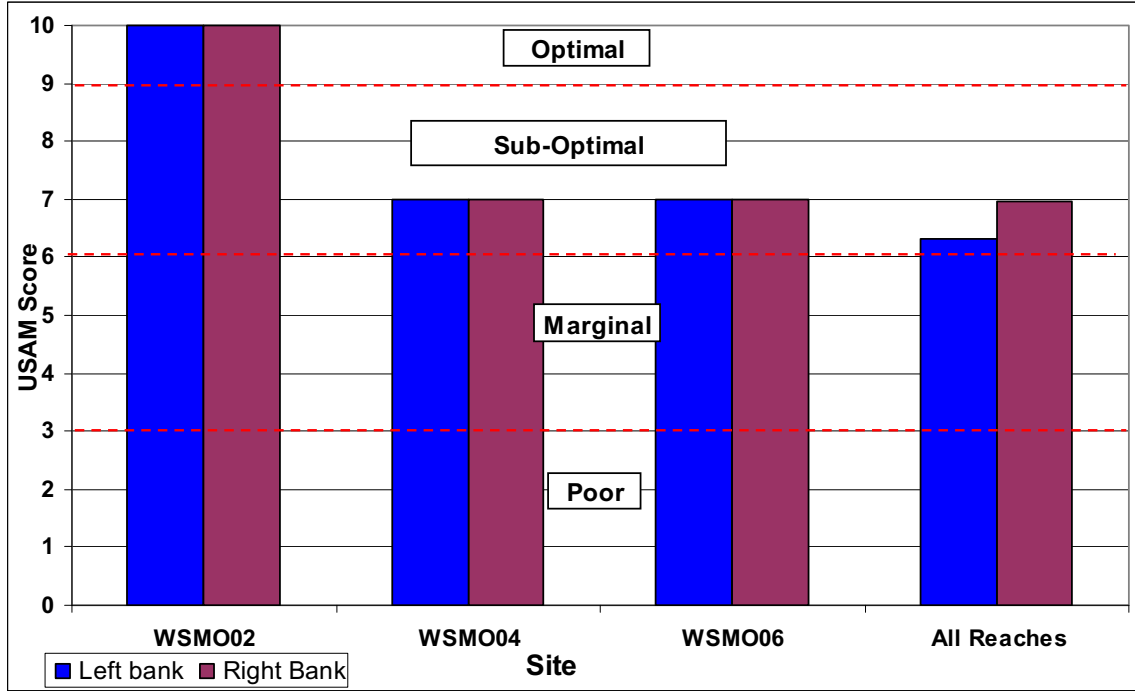


Figure D12-3: Bank Erosion

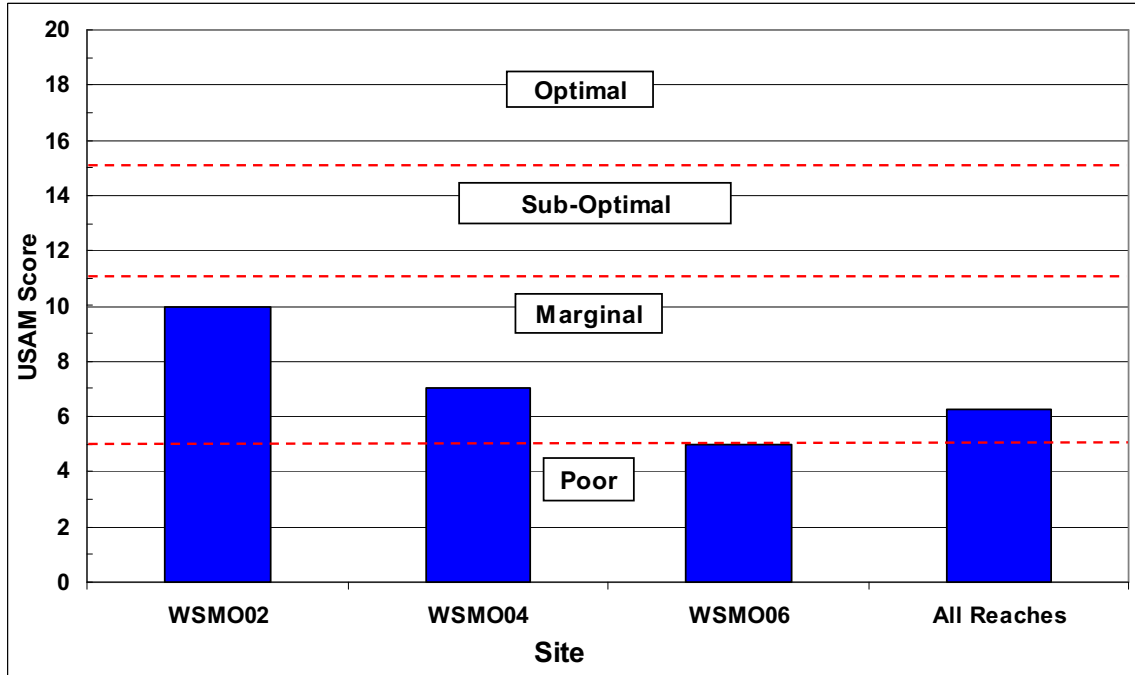


Figure D12-4: Floodplain Connection

SECTION D12-2: BUFFER/FLOODPLAIN CONDITION

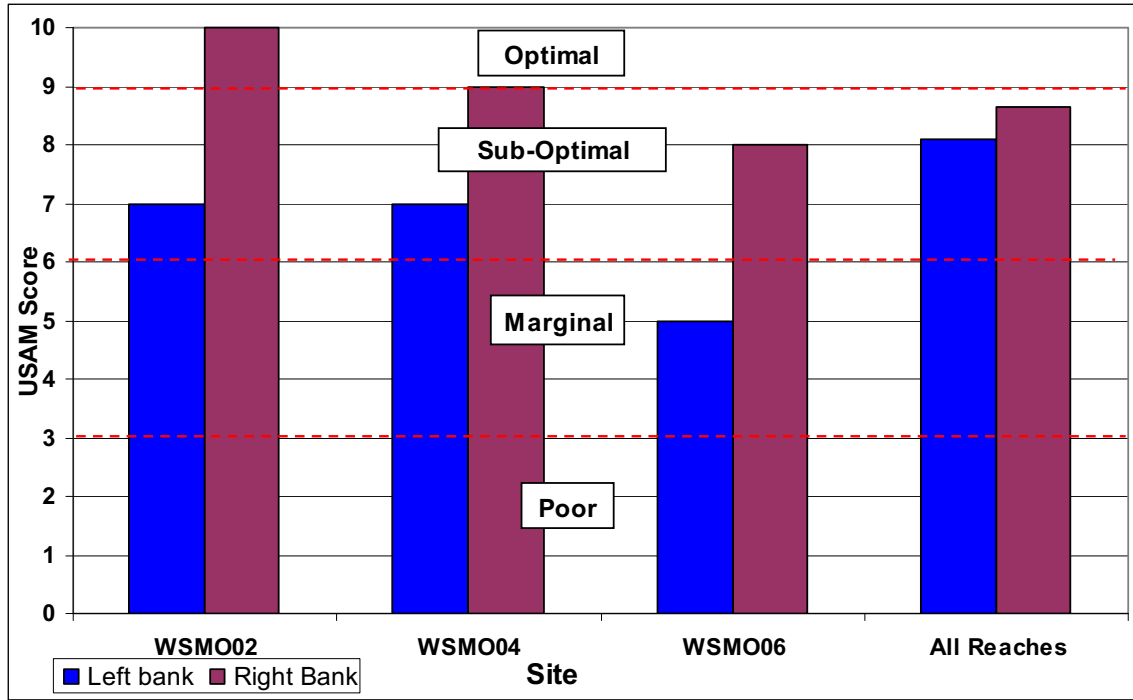


Figure D12-5: Vegetated Buffer Width

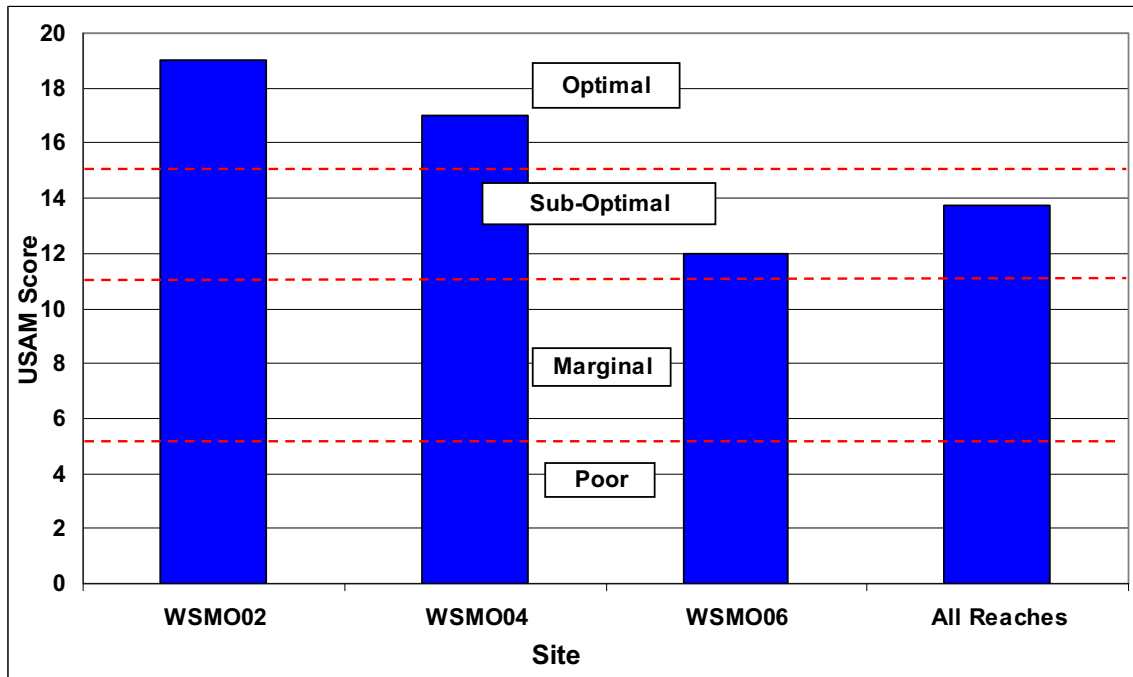


Figure D12-6: Floodplain Vegetation

Wissahickon Creek Watershed Stream Assessment Report
Monoshone Creek Subwatershed

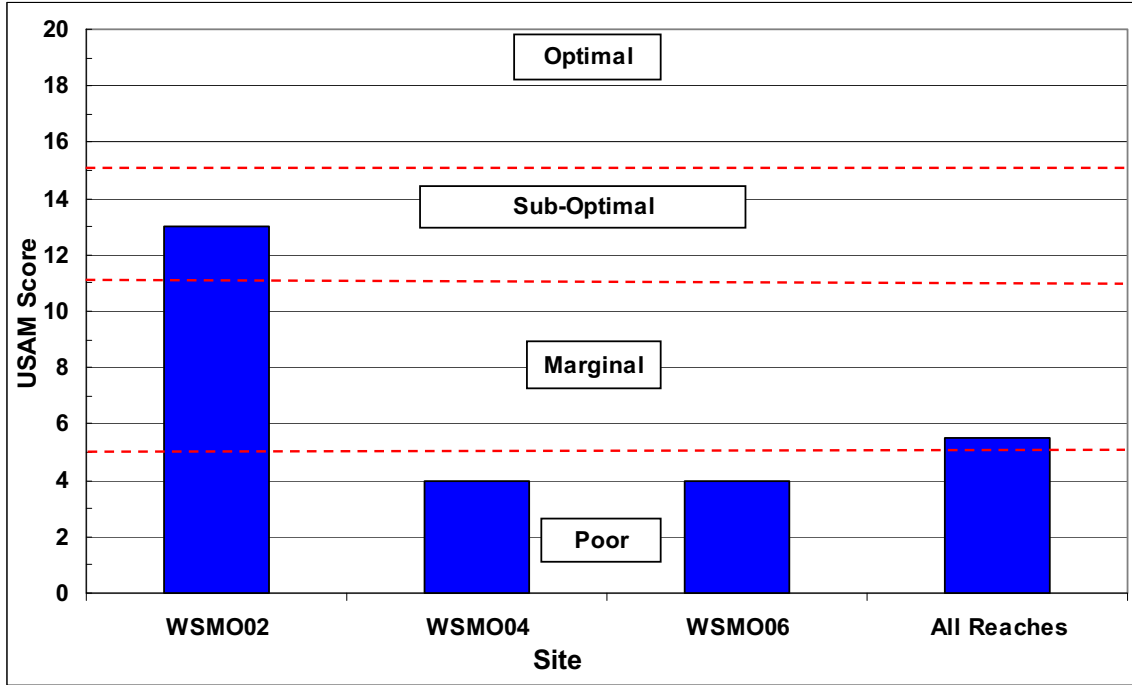


Figure D12-7: Floodplain Habitat

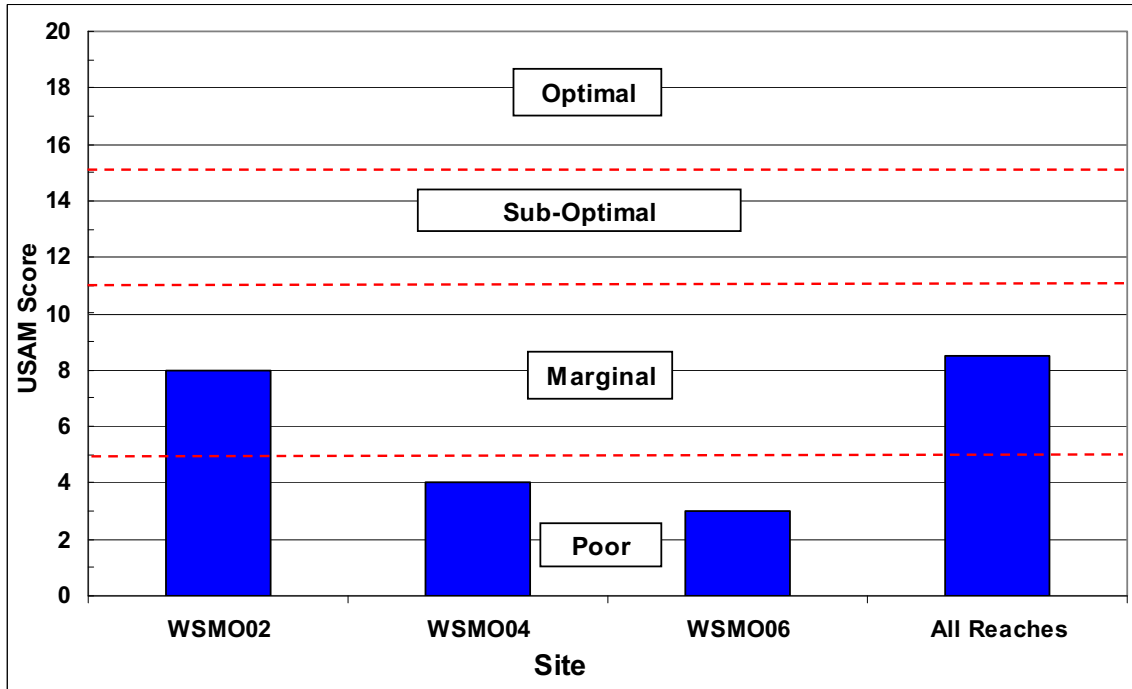
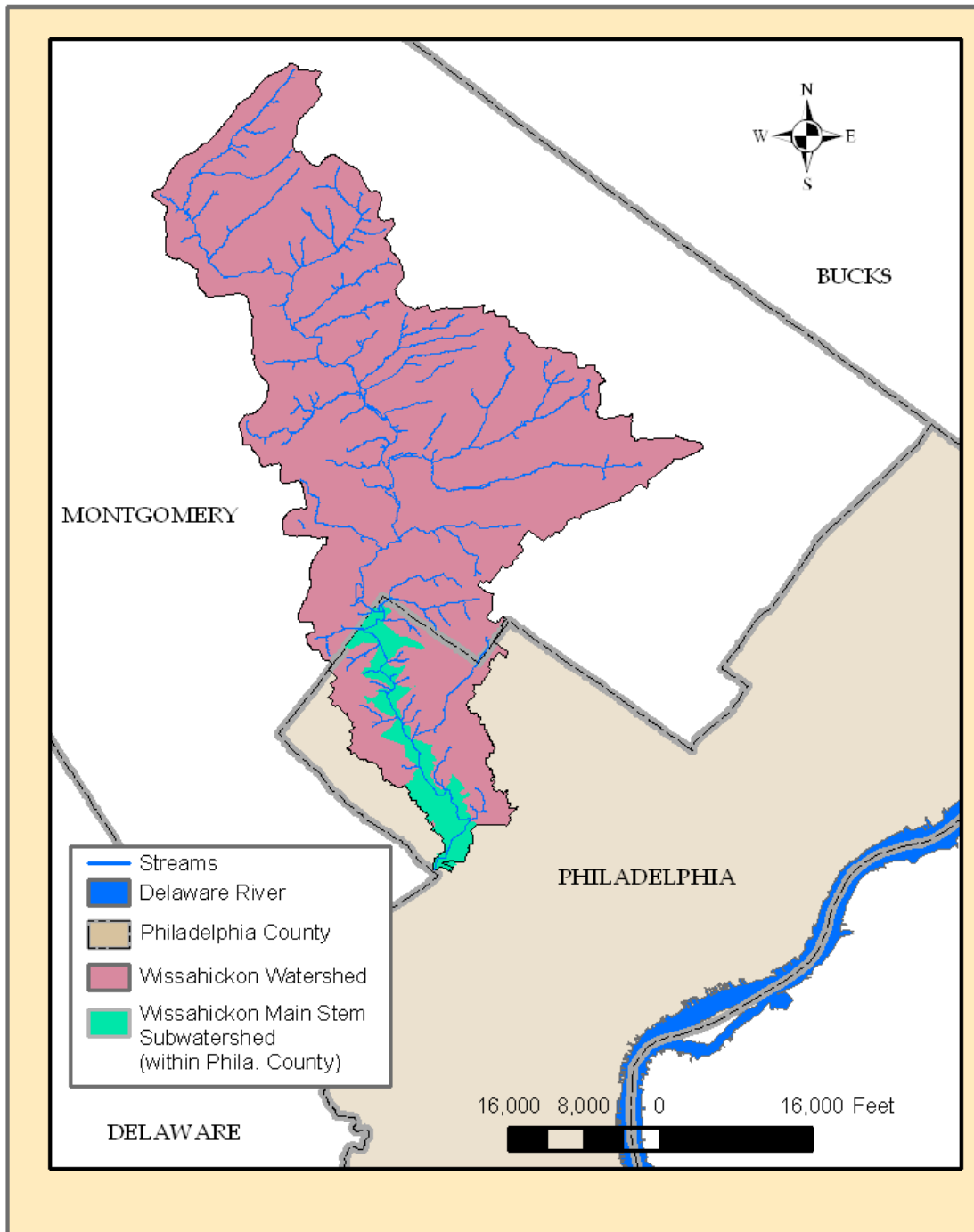


Figure D12-8: Floodplain Encroachment

Wissahickon Creek Watershed Stream Assessment Report
Lower Wissahickon Mainstem

APPENDIX D13: LOWER WISSAHICKON MAINSTEM



SECTION D-1: OVERALL STREAM CONDITION

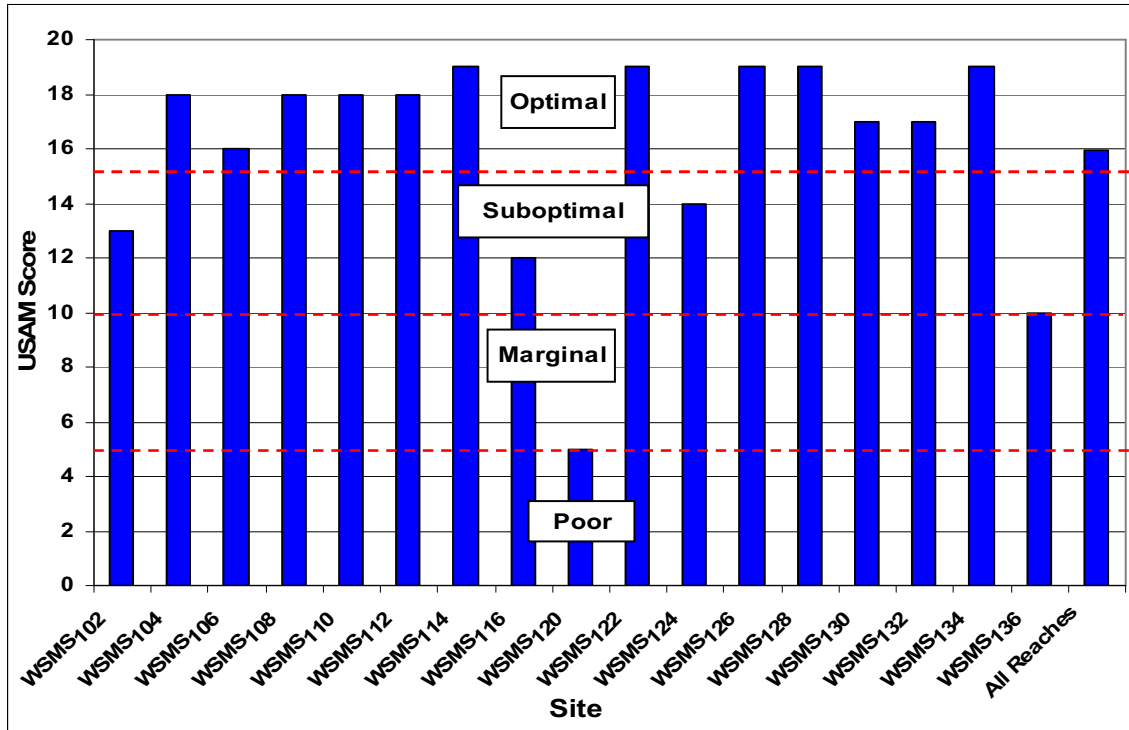


Figure D13-1: Instream Habitat

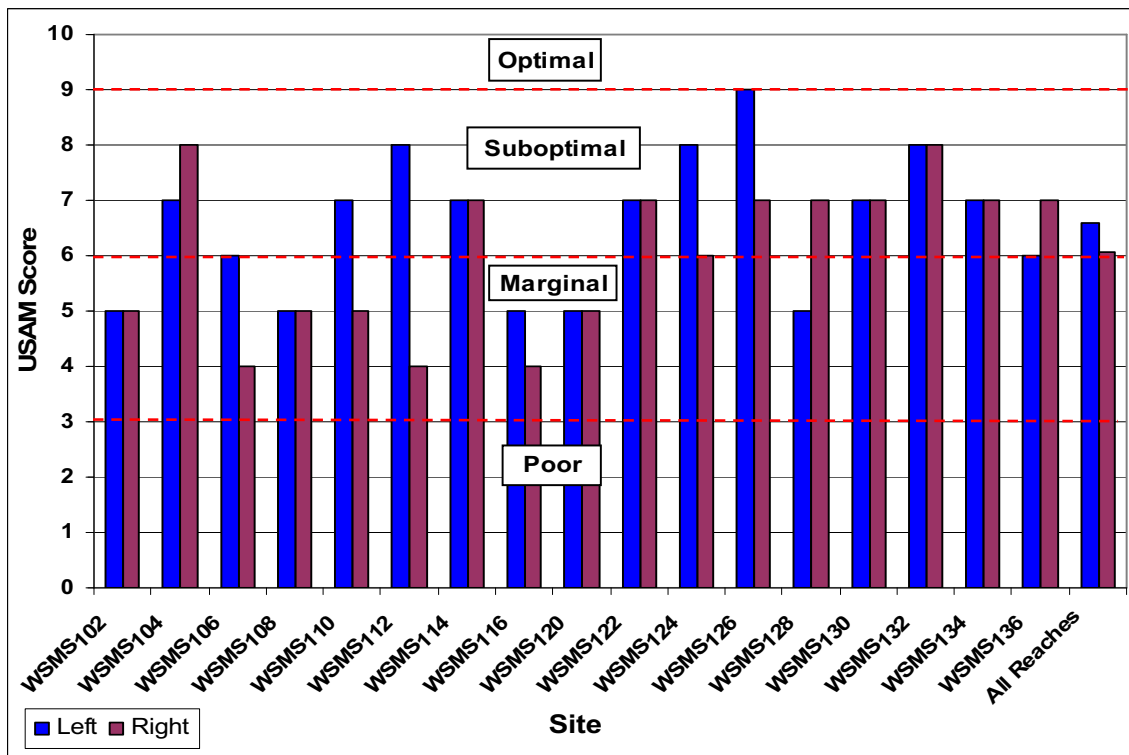


Figure D13-2: Vegetative Protection

Wissahickon Creek Watershed Stream Assessment Report
Lower Wissahickon Mainstem

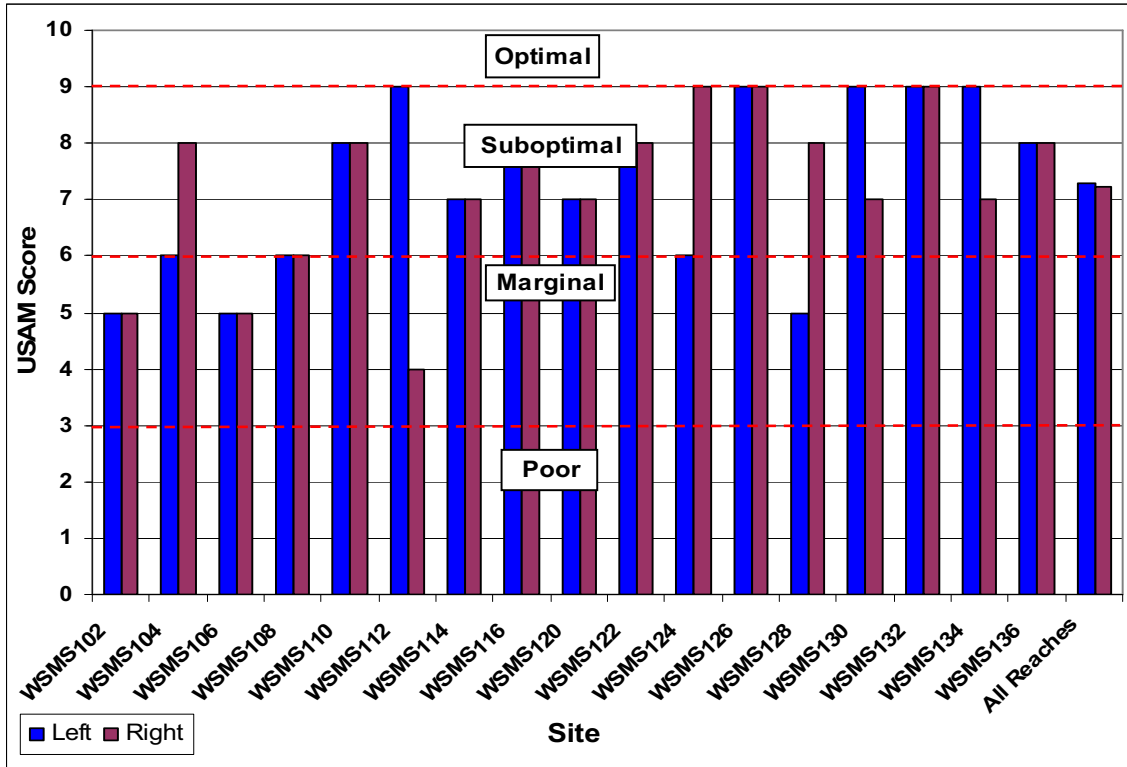


Figure D13-3: Bank Erosion

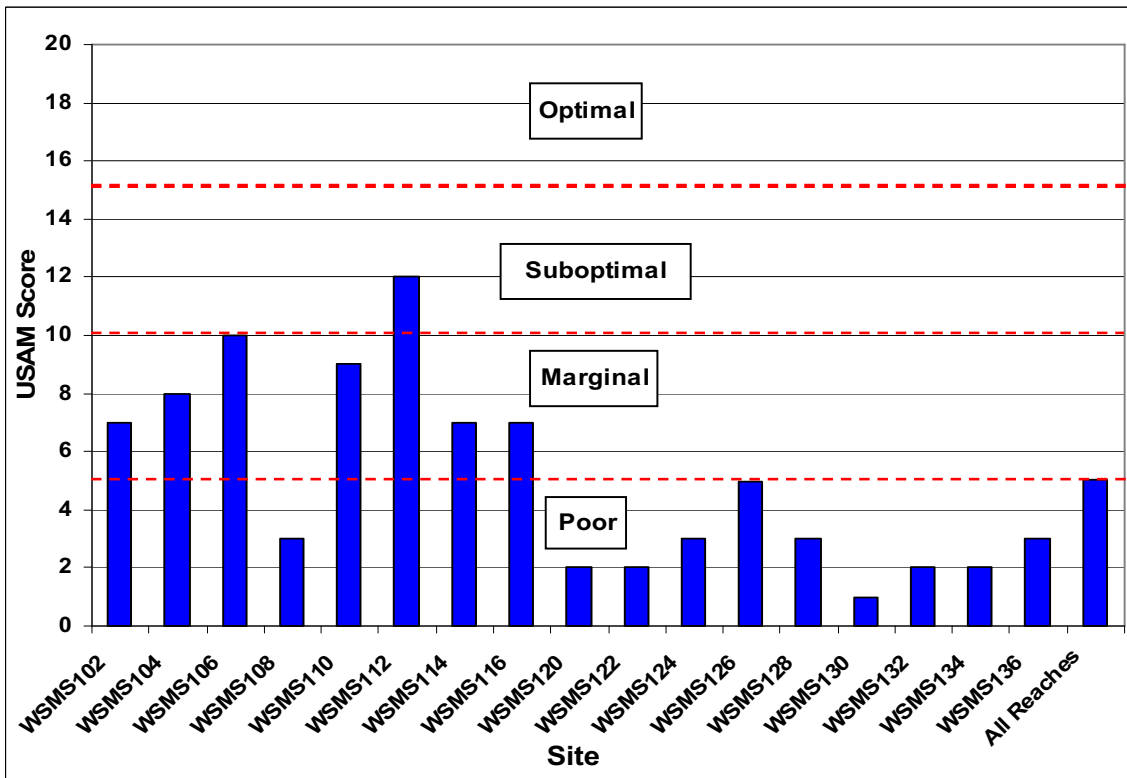


Figure D13-4: Floodplain Connection

SECTION D13-2: BUFFER/FLOODPLAIN CONDITION

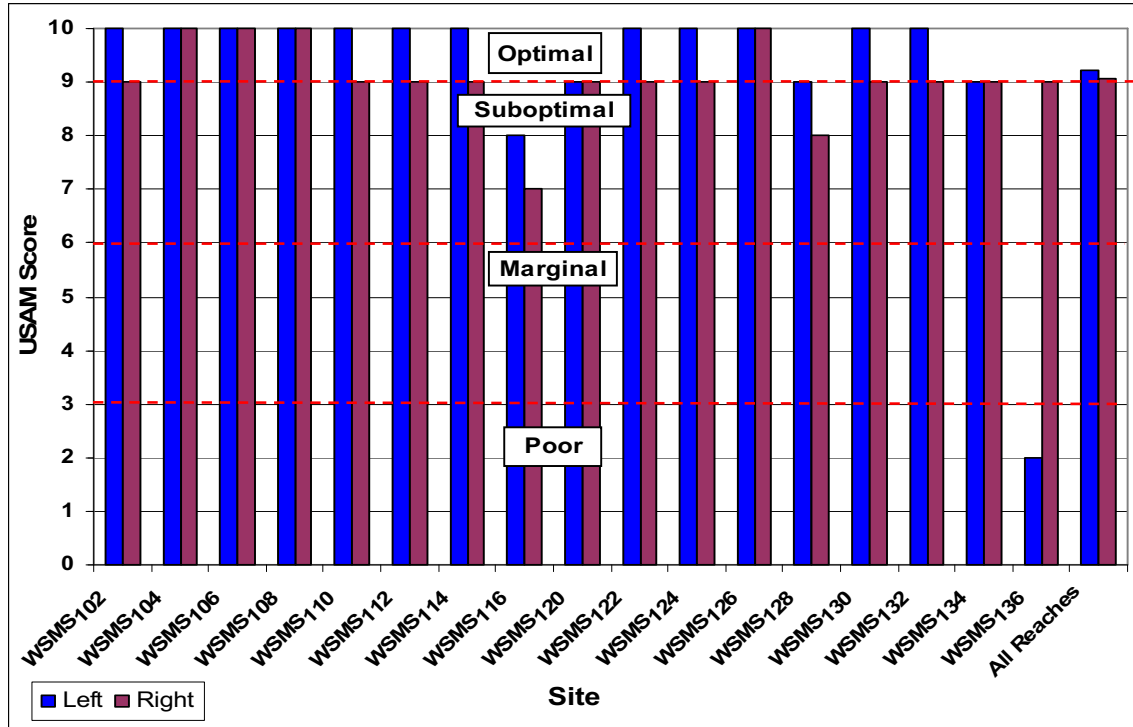


Figure D13-5: Vegetated Buffer Width

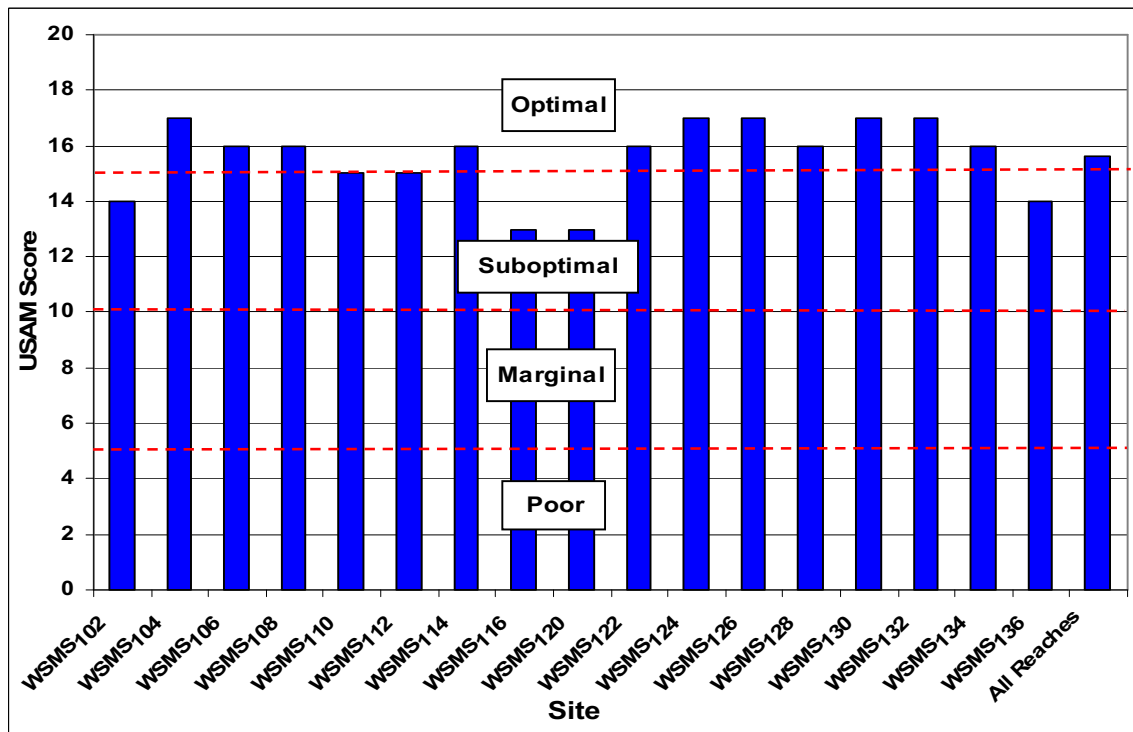


Figure D13-6: Floodplain Vegetation

Wissahickon Creek Watershed Stream Assessment Report
Lower Wissahickon Mainstem

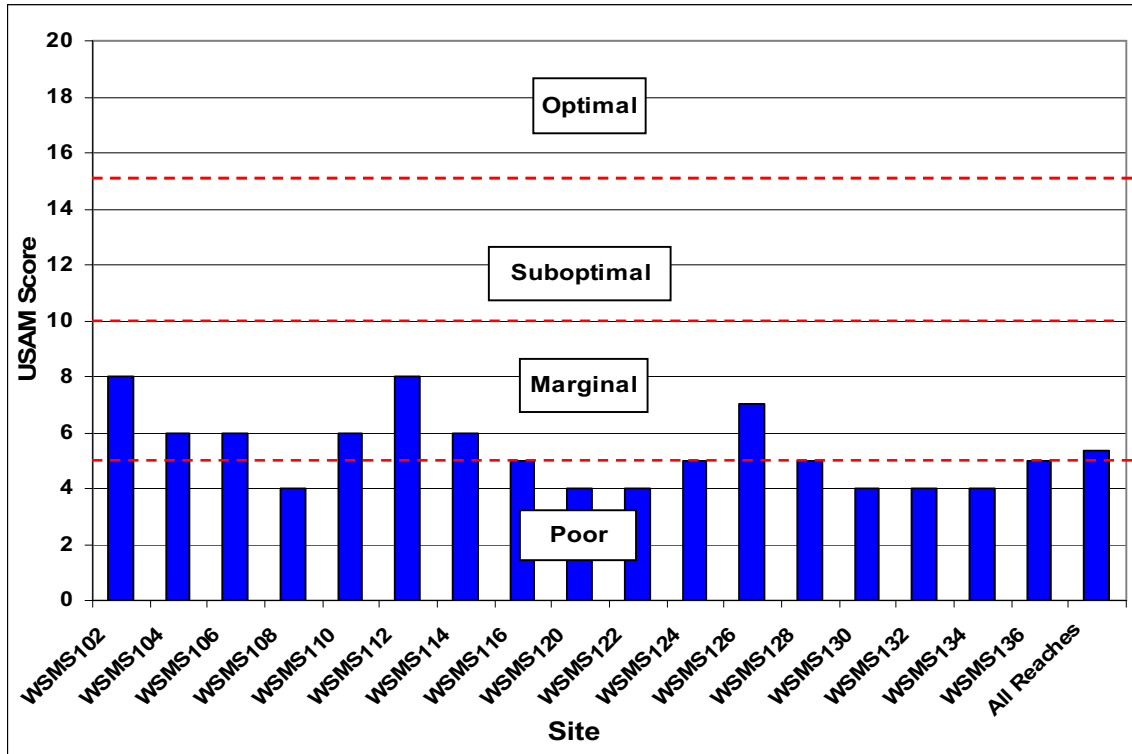


Figure D13-7: Floodplain Habitat

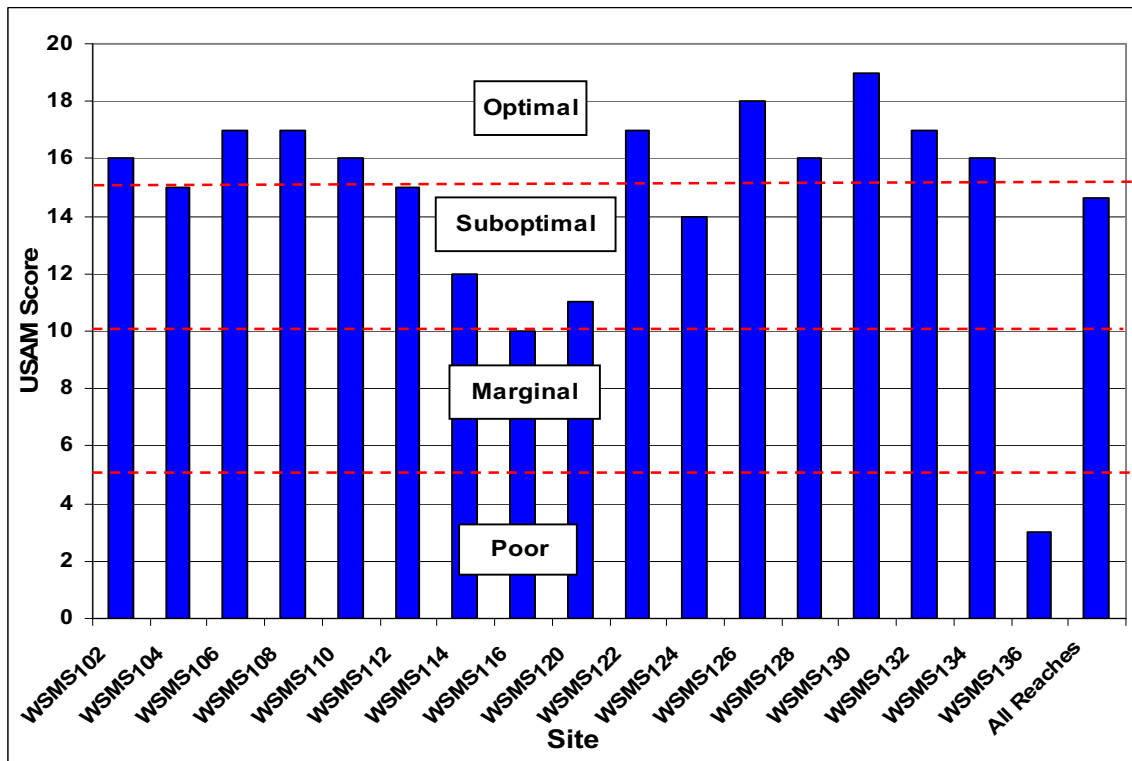


Figure D12-8: Floodplain Encroachment

Wissahickon Creek Watershed Stream Assessment Report
Lower Wissahickon Mainstem