


FIGURES

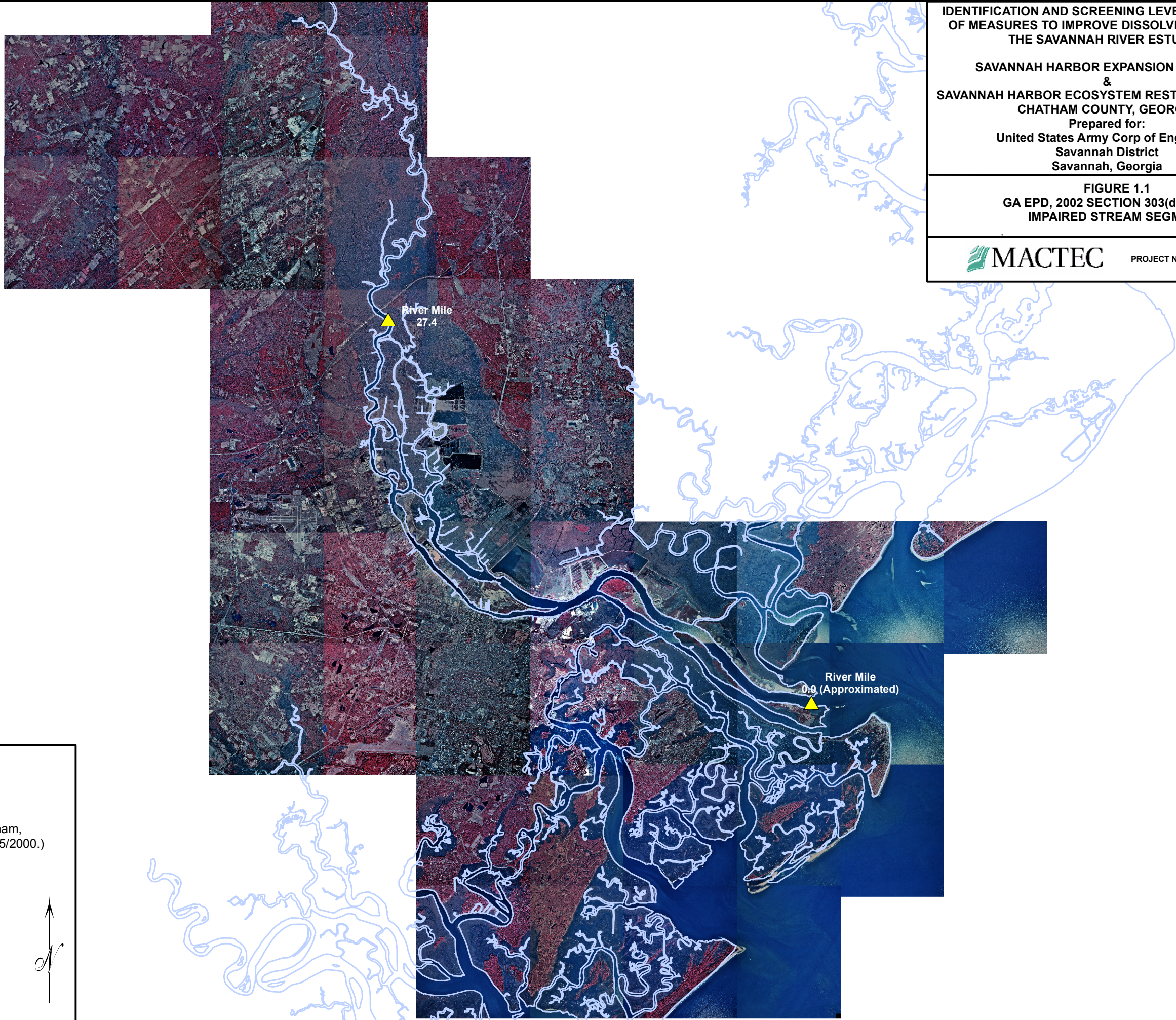
IDENTIFICATION AND SCREENING LEVEL EVALUATION
OF MEASURES TO IMPROVE DISSOLVED OXYGEN IN
THE SAVANNAH RIVER ESTUARY

SAVANNAH HARBOR EXPANSION PROJECT
&
SAVANNAH HARBOR ECOSYSTEM RESTORATION STUDY
CHATHAM COUNTY, GEORGIA


Prepared for:
United States Army Corp of Engineers
Savannah District
Savannah, Georgia


FIGURE 1.1
GA EPD, 2002 SECTION 303(d) LISTED:
IMPAIRED STREAM SEGMENT

 MACTEC PROJECT NUMBER: 6301-05-0001



Legend

 River Mile
(SOURCE: USGS 7.5 Minute Topographic
Quadrangle: Richmond, Burke, Screven, Effingham,
and Chatham Counties, GA, 1:24,000, updated 5/2000.)

 Savannah River and Harbor
(SOURCE: NOAA Medium Resolution Digital
Vector Shoreline of Georgia, 1997)

0 3 6 9
Miles

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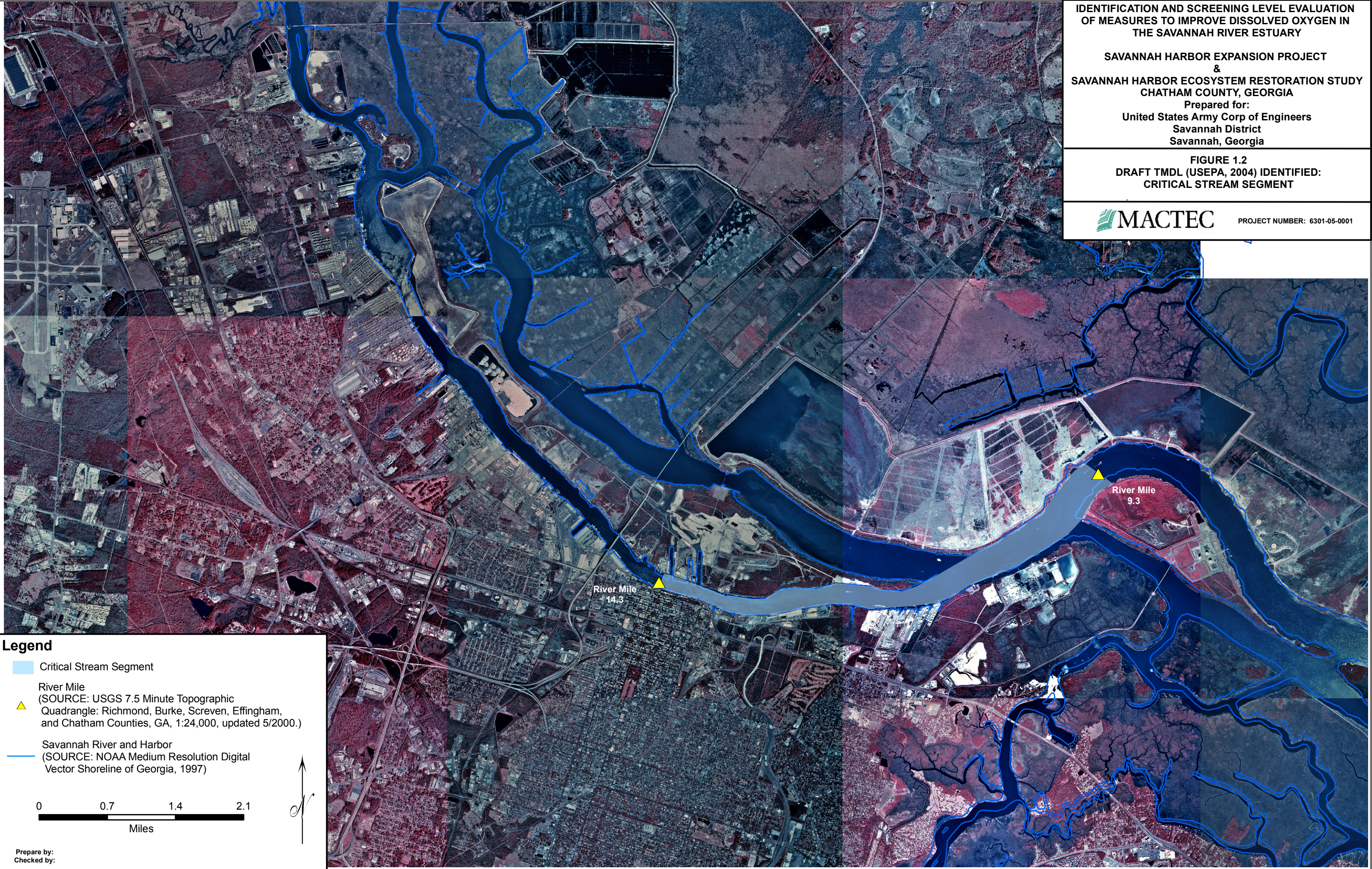
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FIGURE 1.2
DRAFT TMDL (USEPA, 2004) IDENTIFIED:
CRITICAL STREAM SEGMENT

 MACTEC PROJECT NUMBER: 6301-05-0001



Legend

-  Critical Stream Segment
-  River Mile
(SOURCE: USGS 7.5 Minute Topographic
Quadrangle: Richmond, Burke, Screven, Effingham,
and Chatham Counties, GA, 1:24,000, updated 5/2000.)
-  Savannah River and Harbor
(SOURCE: NOAA Medium Resolution Digital
Vector Shoreline of Georgia, 1997)

0 0.7 1.4 2.1
Miles


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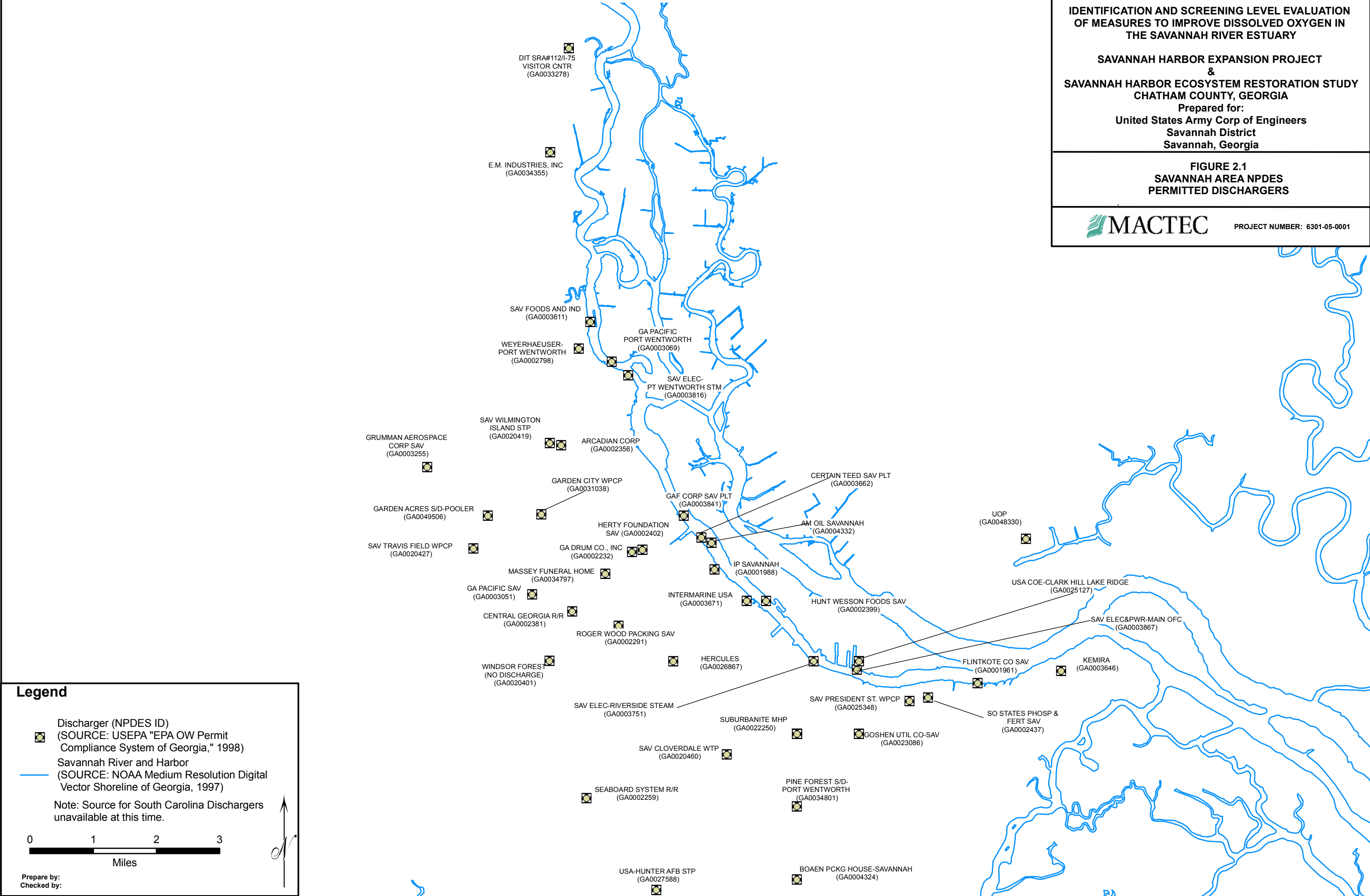
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FIGURE 2.1
SAVANNAH AREA NPDES
PERMITTED DISCHARGERS

PROJECT NUMBER: 6301-05-0001



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FIGURE 2.2
AUGUSTA AREA NPDES
PERMITTED DISCHARGERS



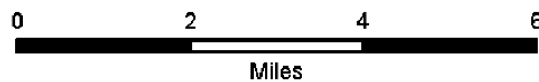
PROJECT NUMBER: 6301-05-0001

Facility Name	NPDES ID
City of Aiken (Horse Creek)	SC6641003
Kimberly-Clark	SC0000582
Savannah River Site	Unknown
Town of Allendale	SC0039918
Town of Hardeeville	SC0034584
Clariant Corporation-Martin Plant	SC0042803
SC Electric and Gas, Urquhart	SC0047431

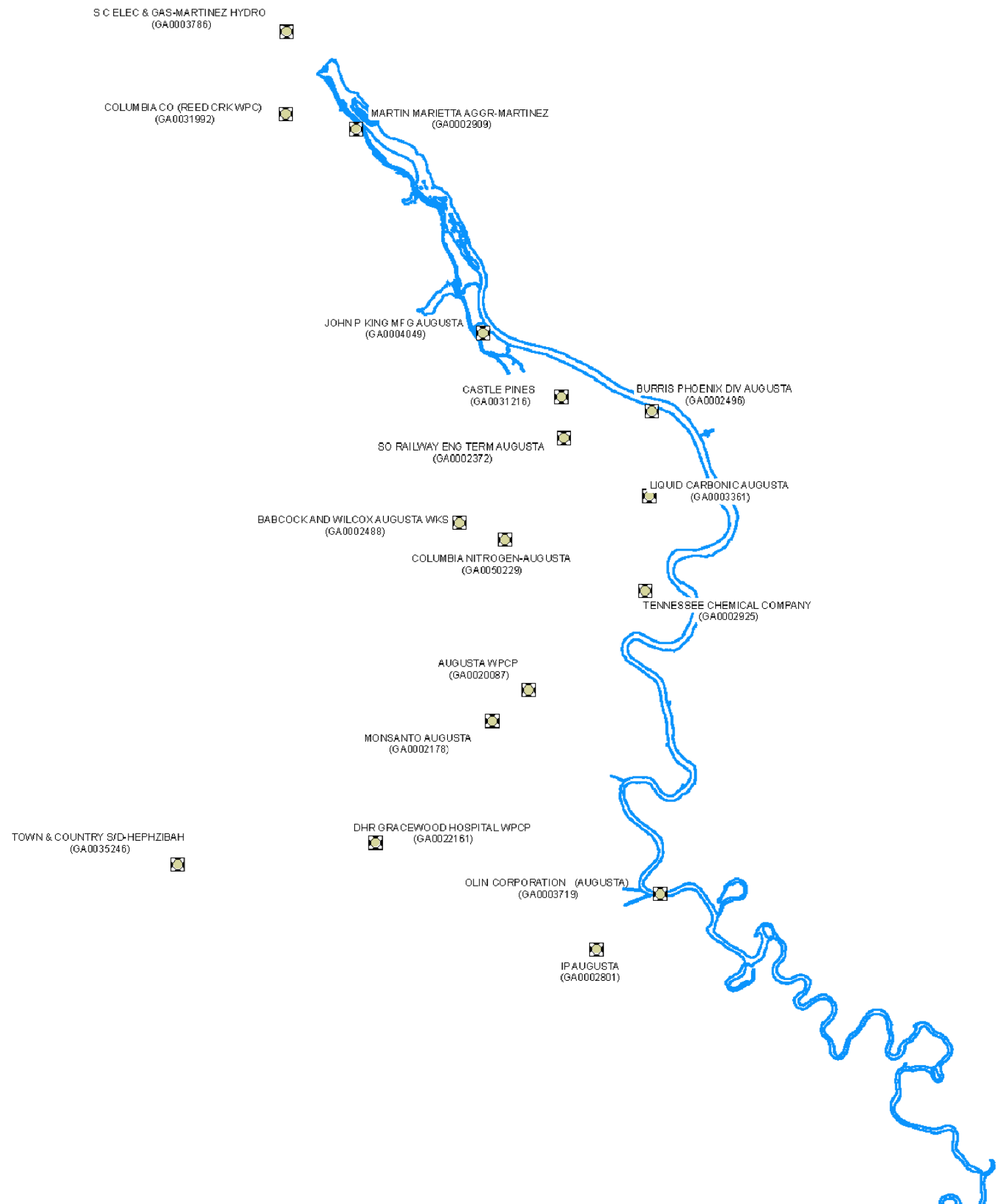
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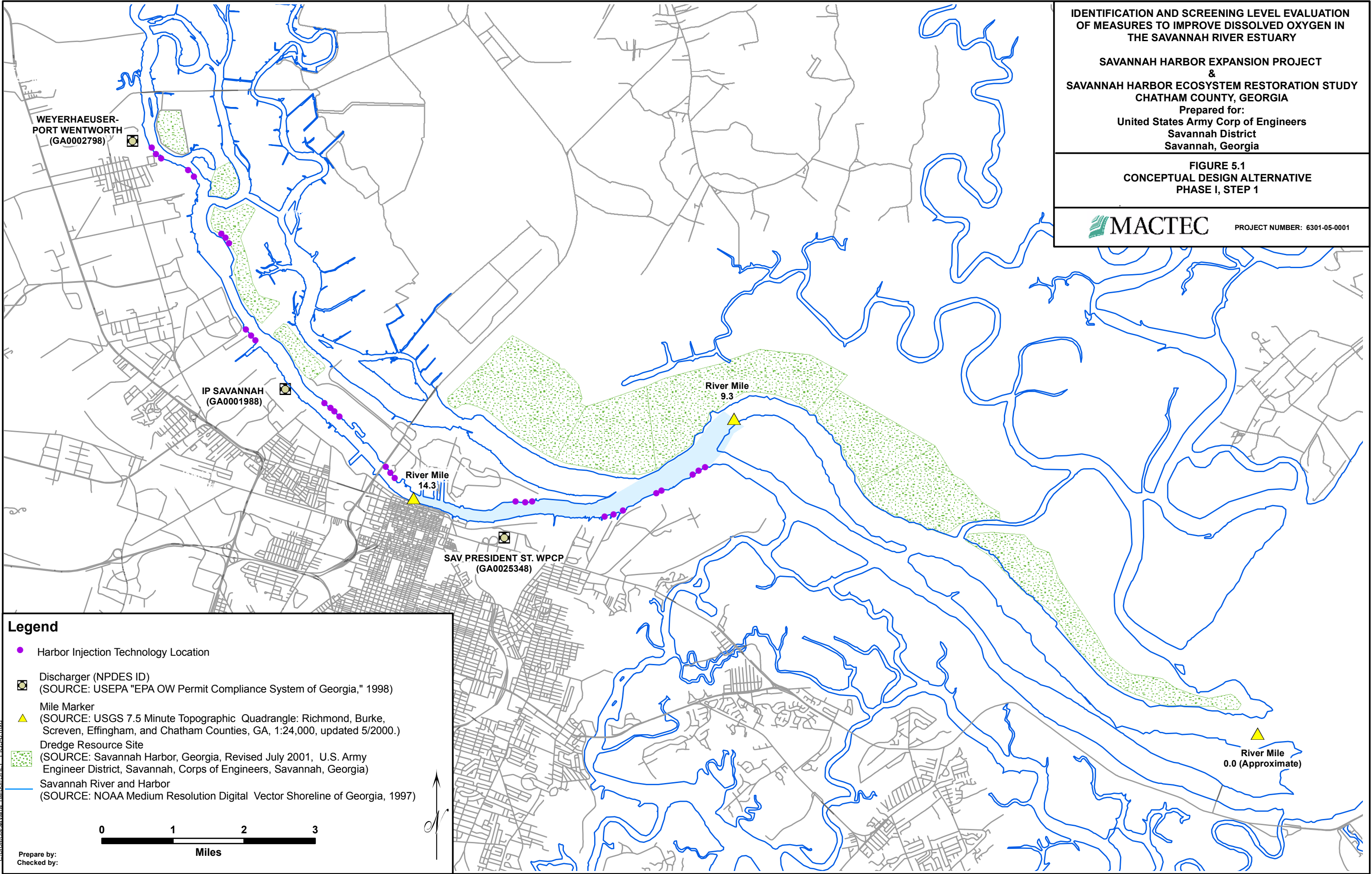
- Discharger (NPDES ID)
(SOURCE: USEPA "EPA OW Permit
Compliance System of Georgia," 1998)
- Savannah River and Harbor
(SOURCE: NOAA Medium Resolution Digital
Vector Shoreline of Georgia, 1997)

Note: Source for South Carolina Dischargers
unavailable at this time.



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FIGURE 5.1
CONCEPTUAL DESIGN ALTERNATIVE
PHASE I, STEP 1



PROJECT NUMBER: 6301-05-0001

Legend

- Harbor Injection Technology Location
- Discharger (NPDES ID)
(SOURCE: USEPA "EPA OW Permit Compliance System of Georgia," 1998)
- ▲ Mile Marker
(SOURCE: USGS 7.5 Minute Topographic Quadrangle: Richmond, Burke, Screven, Effingham, and Chatham Counties, GA, 1:24,000, updated 5/2000.)
- Dredge Resource Site
(SOURCE: Savannah Harbor, Georgia, Revised July 2001, U.S. Army Engineer District, Savannah, Corps of Engineers, Savannah, Georgia)
- Savannah River and Harbor
(SOURCE: NOAA Medium Resolution Digital Vector Shoreline of Georgia, 1997)

0 1 2 3
Miles



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IDENTIFICATION AND SCREENING LEVEL EVALUATION
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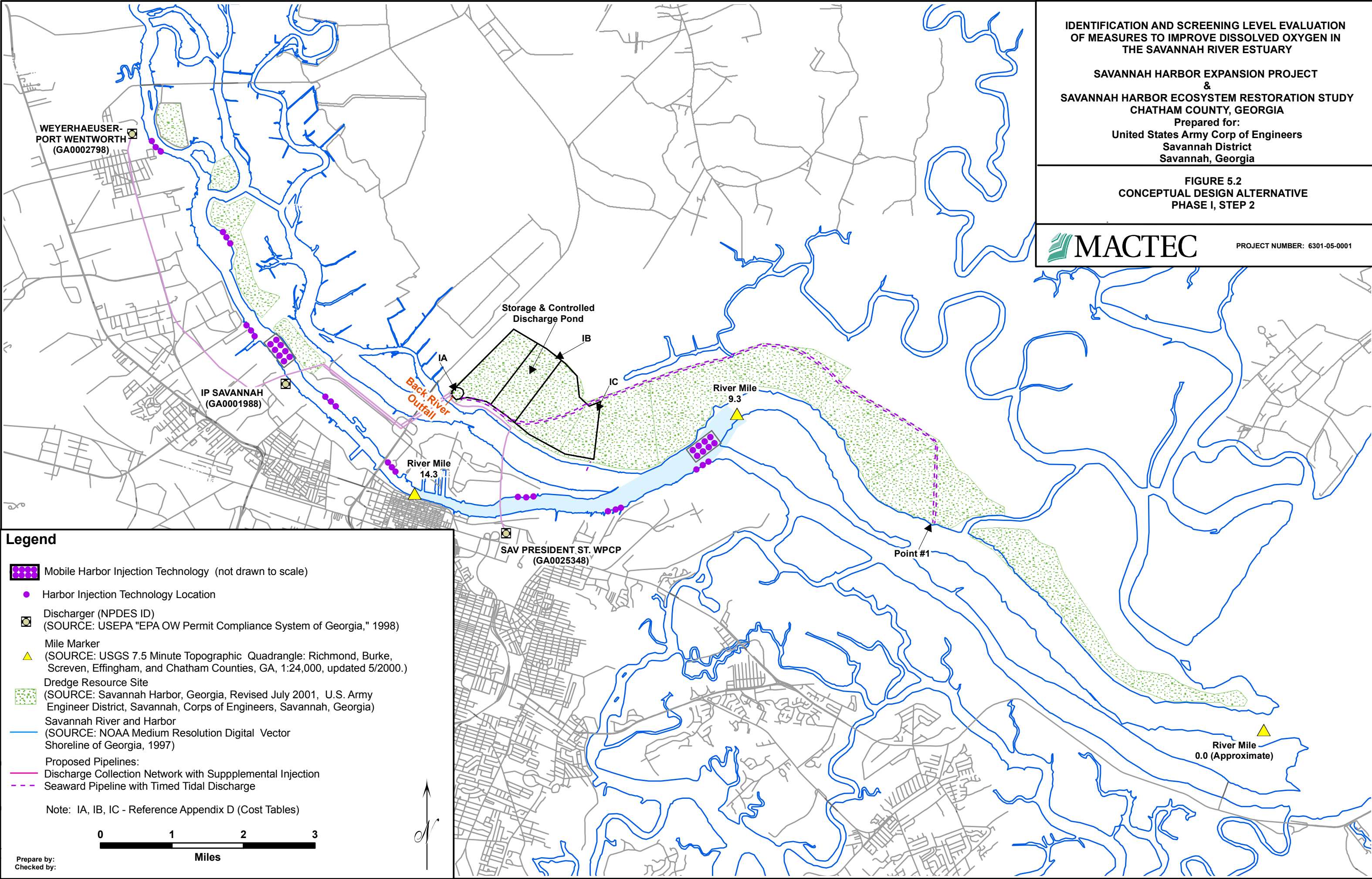
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Savannah, Georgia

FIGURE 5.2
CONCEPTUAL DESIGN ALTERNATIVE
PHASE I, STEP 2



PROJECT NUMBER: 6301-05-0001



Legend

- Mobile Harbor Injection Technology (not drawn to scale)
- Harbor Injection Technology Location
- Discharger (NPDES ID)
(SOURCE: USEPA "EPA OW Permit Compliance System of Georgia," 1998)
- Mile Marker
(SOURCE: USGS 7.5 Minute Topographic Quadrangle: Richmond, Burke, Screven, Effingham, and Chatham Counties, GA, 1:24,000, updated 5/2000.)
- Dredge Resource Site
(SOURCE: Savannah Harbor, Georgia, Revised July 2001, U.S. Army Engineer District, Savannah, Corps of Engineers, Savannah, Georgia)
- Savannah River and Harbor
(SOURCE: NOAA Medium Resolution Digital Vector Shoreline of Georgia, 1997)
- Proposed Pipelines:
 - Discharge Collection Network with Supplemental Injection
 - Seaward Pipeline with Timed Tidal Discharge

Note: IA, IB, IC - Reference Appendix D (Cost Tables)

0 1 2 3
Miles

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