Attachment A-2 – 2004 Hydrodynamic Model Validation Plots
Figure B-1 Measured versus Simulated water surface elevation from April 15 to October 1, 2004 at USGS 02172050 Cooper River near Goose Creek, SC

Figure B-2 Measured versus Simulated water surface elevation from April 15 to October 1, 2004 at USGS 02172053 Cooper River at Mobay
Figure B-3 Measured versus Simulated water surface elevation from April 15 to October 1, 2004 at USGS 02172067.7 Cooper River at I-526

Figure B-4 Measured versus Simulated water surface elevation from April 15 to October 1, 2004 at USGS 02172070.9 Cooper River at Hwy 17
Figure B-5 Measured versus Simulated water surface elevation from April 15 to October 1, 2004 at USGS 02172069.8 Wando River above Mt. Pleasant

Figure B-6 Measured versus Simulated water surface elevation from April 15 to October 1, 2004 at USGS 02172086.9 Ashley River near North Charleston
Figure B-7 Measured versus Simulated water surface elevation from April 15 to October 1, 2004 at USGS 02172100 Charleston Harbor at Fort Sumter

Figure B-8 Measured versus Simulated salinity at from April 15 to October 1, 2004 at USGS 02172020 Cooper River near Moncks Corner
Figure B-9 Measured versus Simulated salinity at from April 15 to October 1, 2004 at USGS 02172050 Cooper River near Goose Creek

Figure B-10 Measured versus Simulated salinity at from April 15 to October 1, 2004 at USGS 02172053 Cooper River at Mobay
Figure B-11 Measured versus Simulated bottom salinity from April 15 to October 1, 2004 at USGS 02172067.7 Cooper River at I-526

Figure B-12 Measured versus Simulated mid-depth salinity from April 15 to October 1, 2004 at USGS 02172067.7 Cooper River at I-526
Figure B-13 Measured versus Simulated surface salinity from April 15 to October 1, 2004 at USGS 02172067.7 Cooper River at I-526

Figure B-14 Measured versus Simulated bottom salinity from April 15 to October 1, 2004 at USGS 02172070.9 Cooper River at Hwy 17
Figure B-15 Measured versus Simulated mid-depth salinity from April 15 to October 1, 2004 at USGS 02172070.9 Cooper River at Hwy 17

Figure B-16 Measured versus Simulated surface salinity from April 15 to October 1, 2004 at USGS 02172070.9 Cooper River at Hwy 17
Figure B-17 Measured versus Simulated mid-depth salinity from April 15 to October 1, 2004 at USGS 02172069.6 Wando River at Cainhoy

Figure B-18 Measured versus Simulated bottom salinity from April 15 to October 1, 2004 at USGS 02172069.8 Wando River above Mt. Pleasant
Figure B-19 Measured versus Simulated mid-depth salinity from April 15 to October 1, 2004 at USGS 02172069.8 Wando River above Mt. Pleasant.

Figure B-20 Measured versus Simulated surface salinity from April 15 to October 1, 2004 at USGS 02172069.8 Wando River above Mt. Pleasant.
Figure B-21 Measured versus Simulated salinity from April 15 to October 1, 2004 at USGS 02172084 Ashley River at Bakers Landing

Figure B-22 Measured versus Simulated bottom salinity from April 15 to October 1, 2004 at USGS 02172086.9 Ashley River near North Charleston
Figure B-23 Measured versus Simulated surface salinity from April 15 to October 1, 2004 at USGS 02172086.9 Ashley River near North Charleston

Figure B-24 Measured versus Simulated bottom salinity from April 15 to October 1, 2004 at USGS 02172100 Charleston Harbor at Fort Sumter
Figure B-25 Measured versus Simulated surface salinity from April 15 to October 1, 2004 at USGS 02172100 Charleston Harbor at Fort Sumter

Figure B-26 Measured versus Simulated water temperature at from April 15 to October 1, 2004 at USGS 02172020 Cooper River near Moncks Corner
Figure B-27 Measured versus Simulated water temperature at from April 15 to October 1, 2004 at USGS 02172050 Cooper River near Goose Creek

Figure B-28 Measured versus Simulated water temperature at from April 15 to October 1, 2004 at USGS 02172053 Cooper River at Mobay
Figure B-29 Measured versus Simulated bottom water temperature from April 15 to October 1, 2004 at USGS 02172067.7 Cooper River at I-526

Figure B-30 Measured versus Simulated mid-depth water temperature from April 15 to October 1, 2004 at USGS 02172067.7 Cooper River at I-526
Figure B-31 Measured versus Simulated surface water temperature from April 15 to October 1, 2004 at USGS 02172067.7 Cooper River at I-526

Figure B-32 Measured versus Simulated bottom water temperature from April 15 to October 1, 2004 at USGS 02172070.9 Cooper River at Hwy 17
Figure B-33 Measured versus Simulated mid-depth water temperature from April 15 to October 1, 2004 at USGS 02172070.9 Cooper River at Hwy 17

Figure B-34 Measured versus Simulated surface water temperature from April 15 to October 1, 2004 at USGS 02172070.9 Cooper River at Hwy 17
Figure B-35 Measured versus Simulated mid-depth water temperature from April 15 to October 1, 2004 at USGS 02172069.6 Wando River at Cainhoy

Figure B-36 Measured versus Simulated bottom water temperature from April 15 to October 1, 2004 at USGS 02172069.8 Wando River above Mt. Pleasant
Figure B-37 Measured versus Simulated mid-depth water temperature from April 15 to October 1, 2004 at USGS 02172069.8 Wando River above Mt. Pleasant

Figure B-38 Measured versus Simulated surface water temperature from April 15 to October 1, 2004 at USGS 02172069.8 Wando River above Mt. Pleasant
Figure B-39 Measured versus Simulated water temperature from April 15 to October 1, 2004 at USGS 02172084 Ashley River at Bakers Landing

Figure B-40 Measured versus Simulated bottom water temperature from April 15 to October 1, 2004 at USGS 02172086.9 Ashley River near North Charleston
Figure B-41 Measured versus Simulated surface water temperature from April 15 to October 1, 2004 at USGS 02172086.9 Ashley River near North Charleston

Figure B-42 Measured versus Simulated bottom water temperature from April 15 to October 1, 2004 at USGS 02172100 Charleston Harbor at Fort Sumter
Figure B-43 Measured versus Simulated surface water temperature from April 15 to October 1, 2004 at USGS 02172100 Charleston Harbor at Fort Sumter