

Annex F

Wet Season Contour Plots

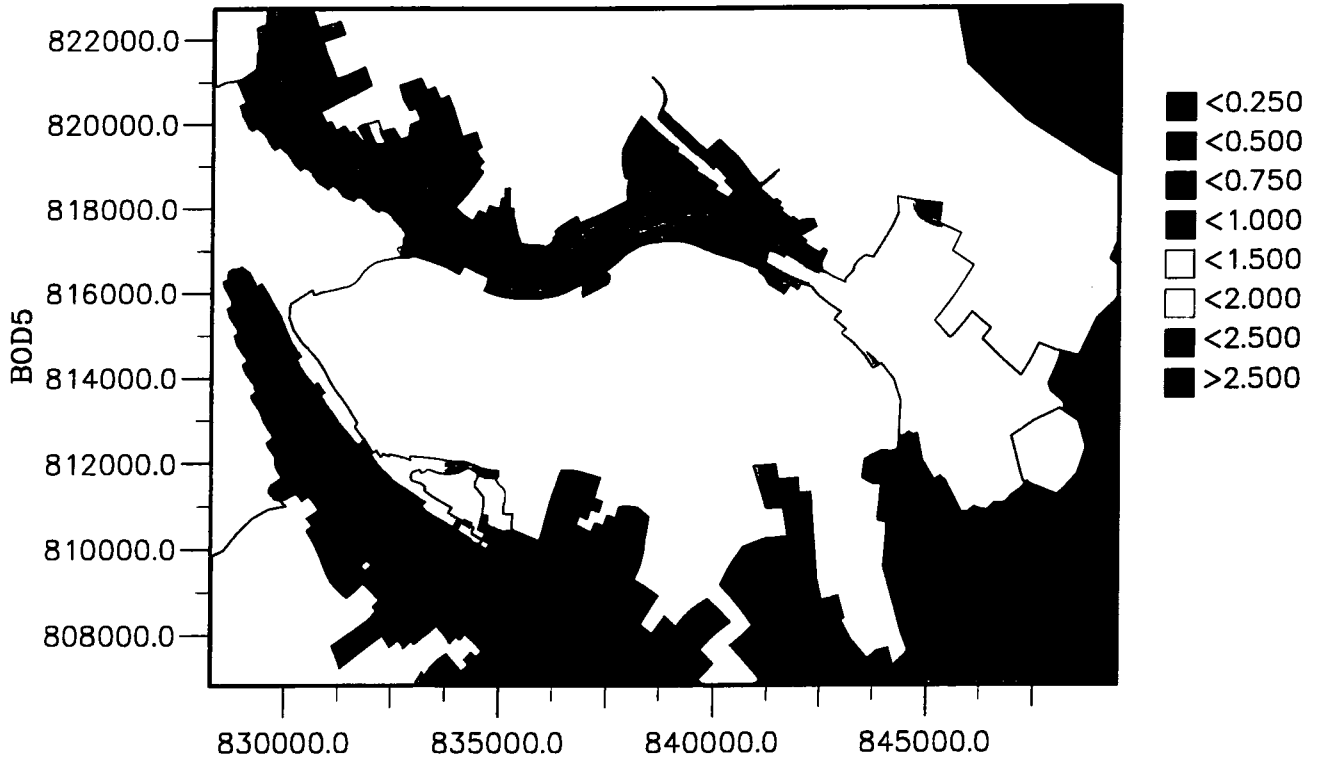


FIGURE 1

SCENARIO: STAGE I/II WET SEASON 1997
DEPTH AVERAGED
UPPER: OXYGEN (mg/l); LOWER: BOD5 (mg/l)

Environmental
Resources
Management



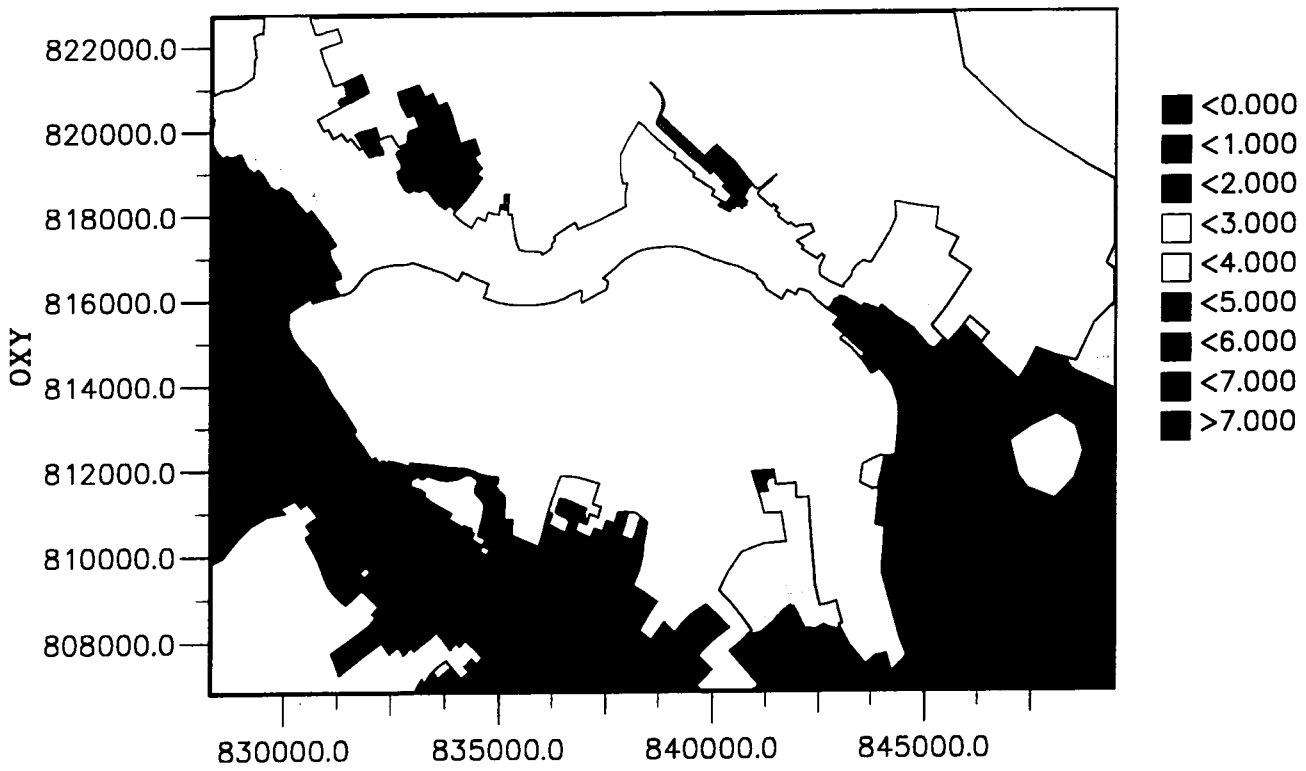
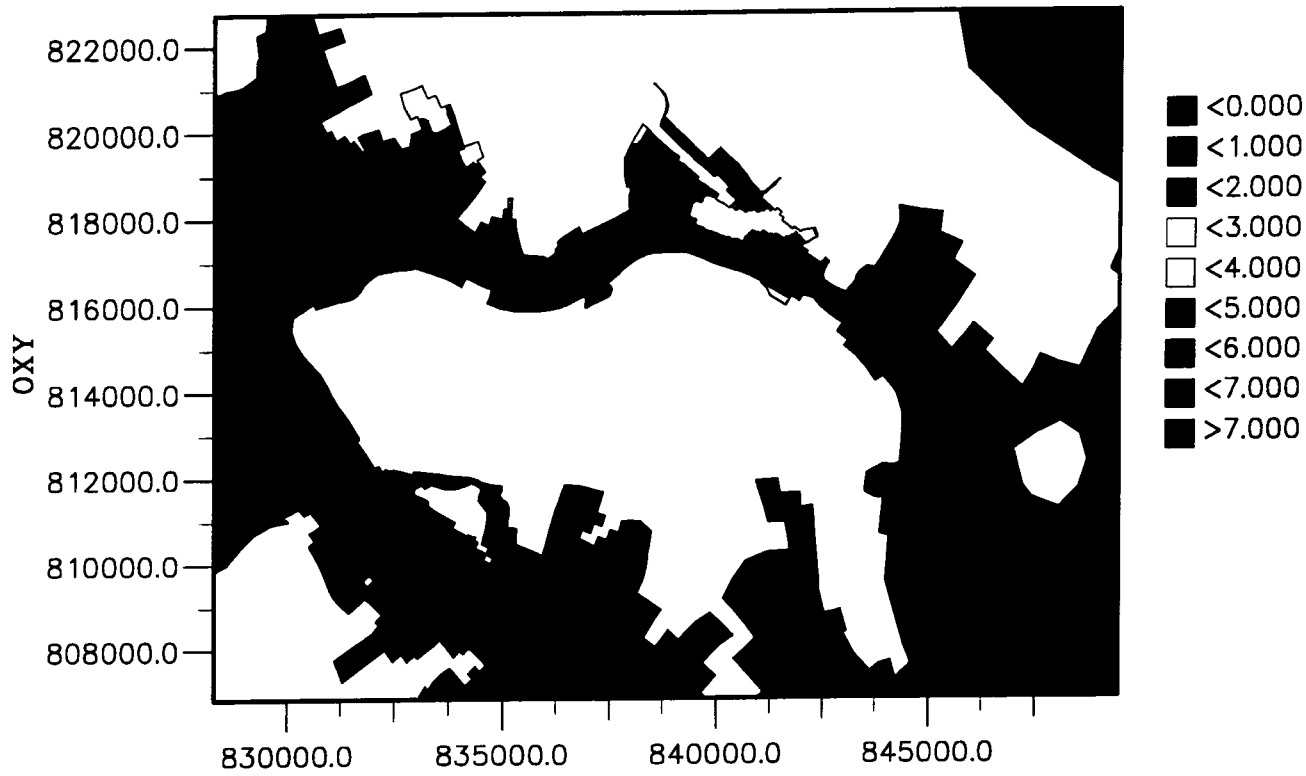


FIGURE 2

SCENARIO: STAGE I/III WET SEASON 1997
 MINIMUM OXYGEN CONCENTRATION (mg/l)
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management



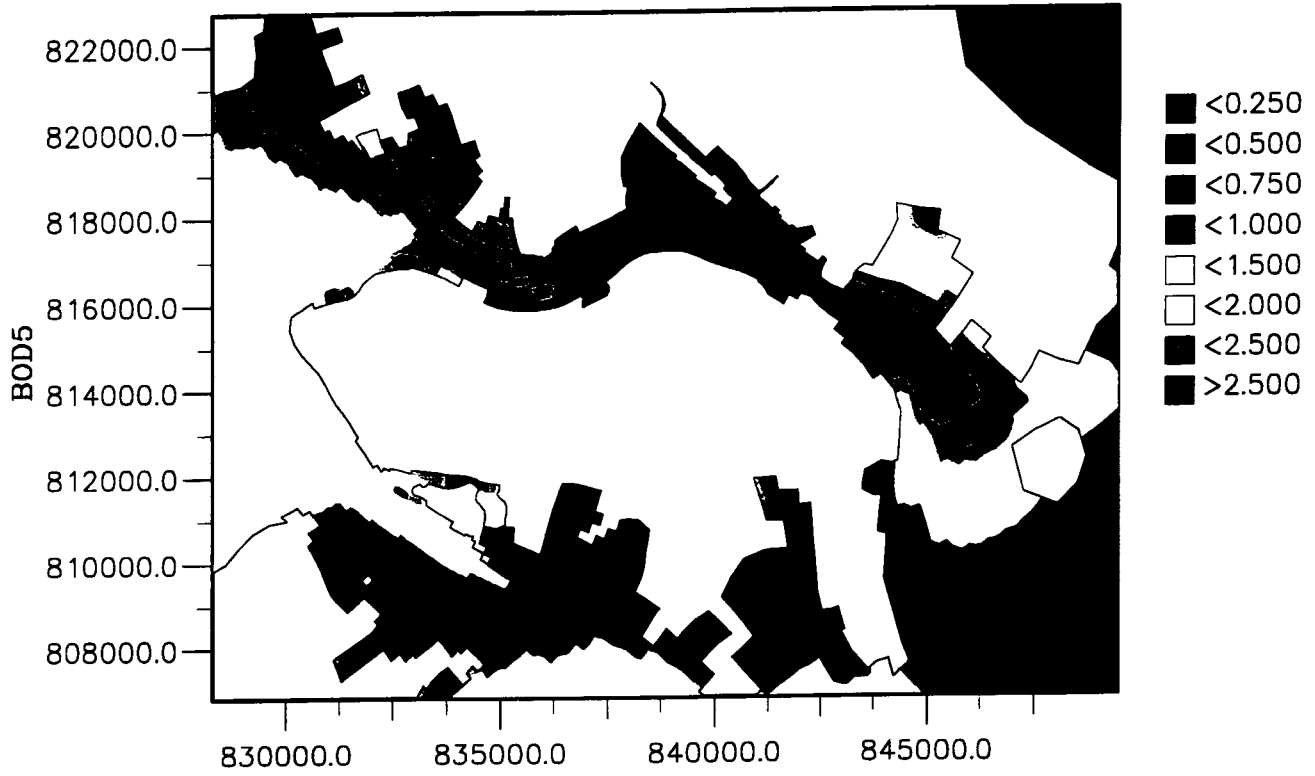


FIGURE 3 SCENARIO: STAGE I/II WET SEASON 1997
BOD5 (mg/l)
UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

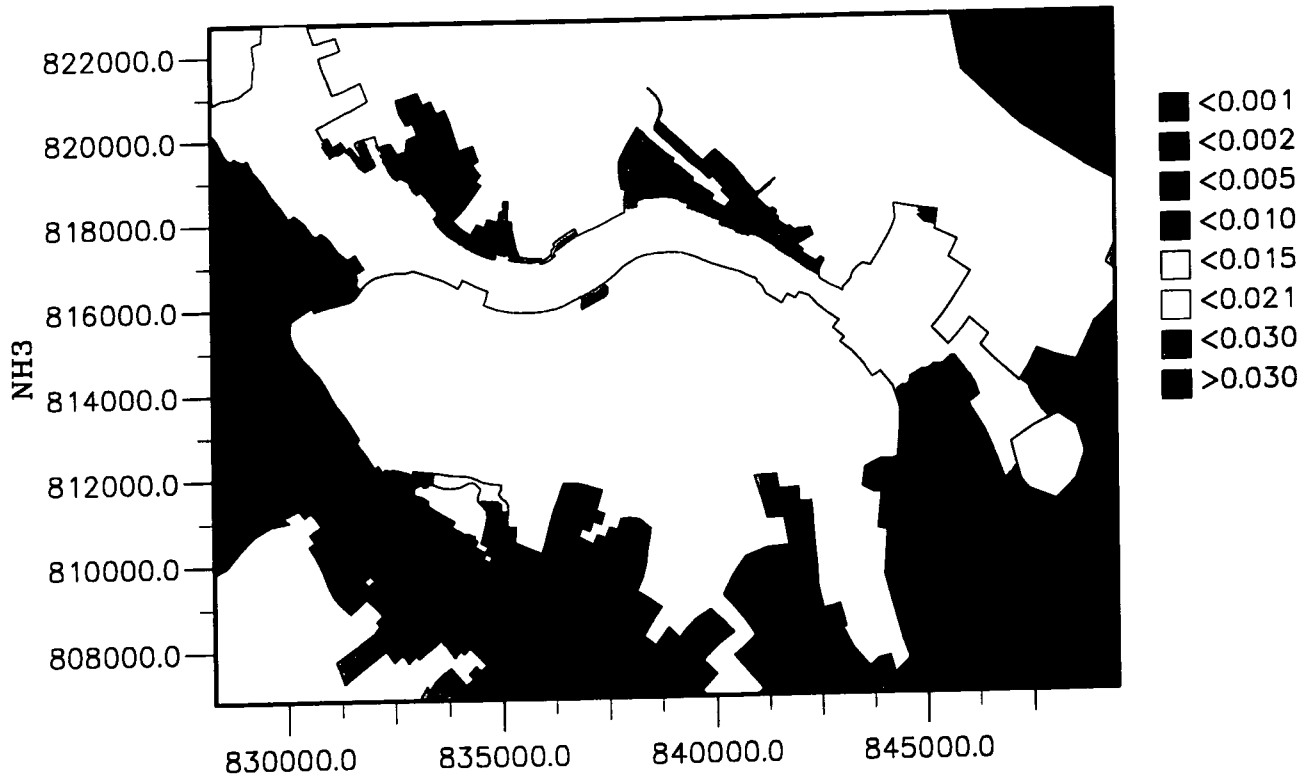
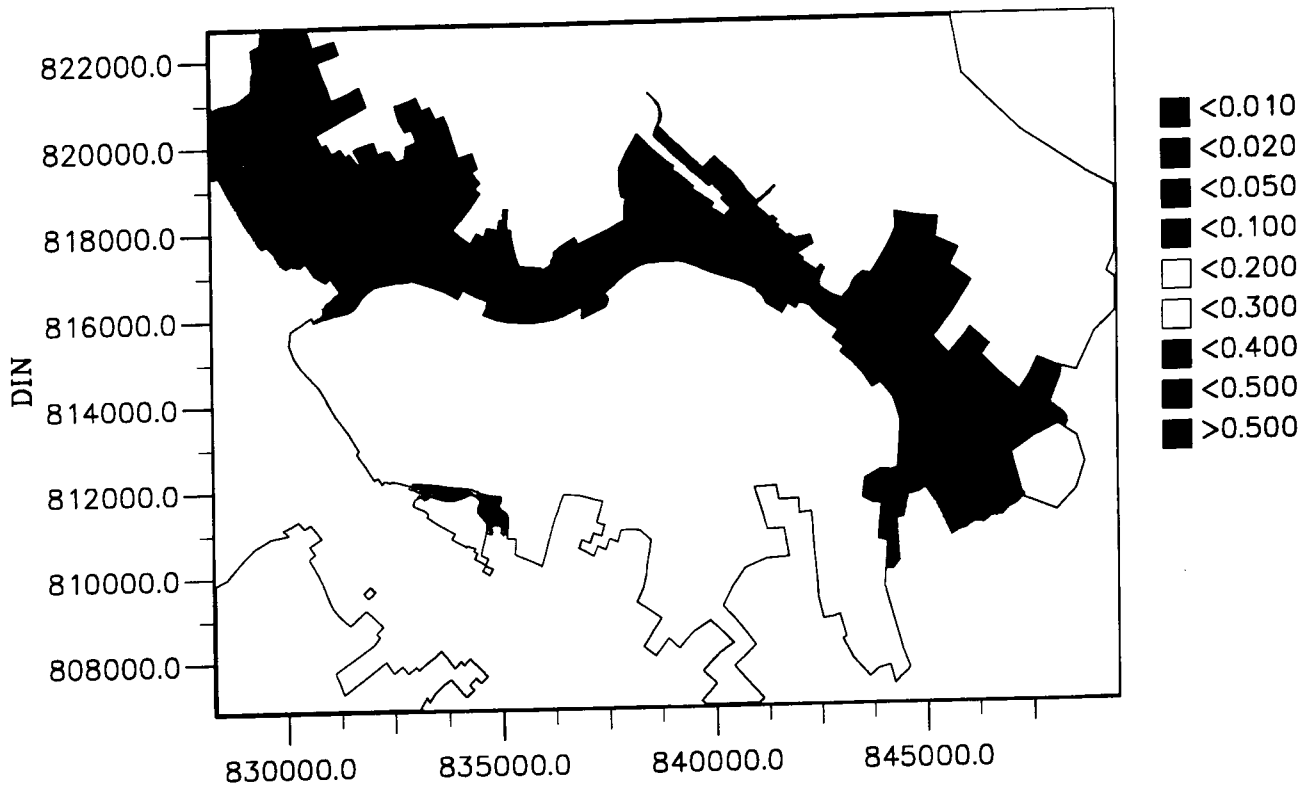


FIGURE 4

SCENARIO: STAGE I/II WET SEASON 1997
 DEPTH AVERAGED
 UPPER: DIS. INORGE. N (mgN/l); LOWER: NH3 (mgN/l)

Environmental
 Resources
 Management



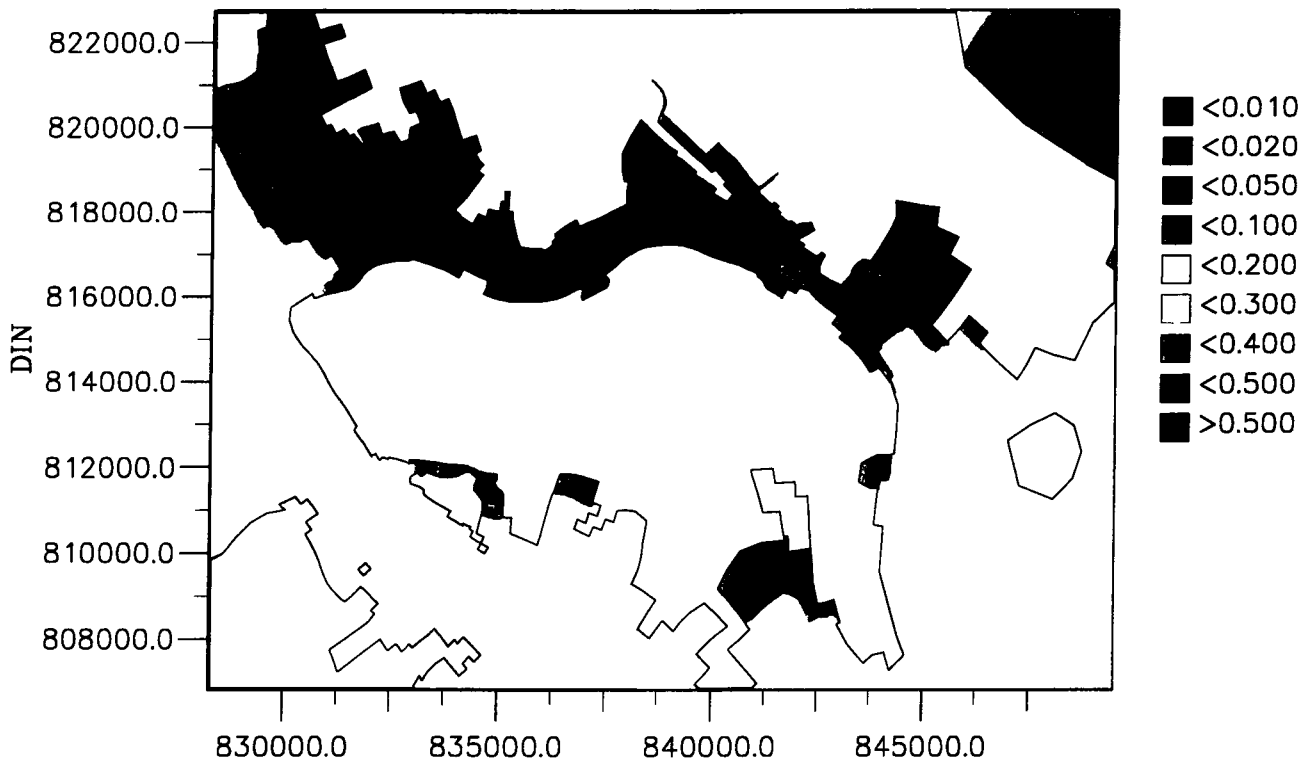
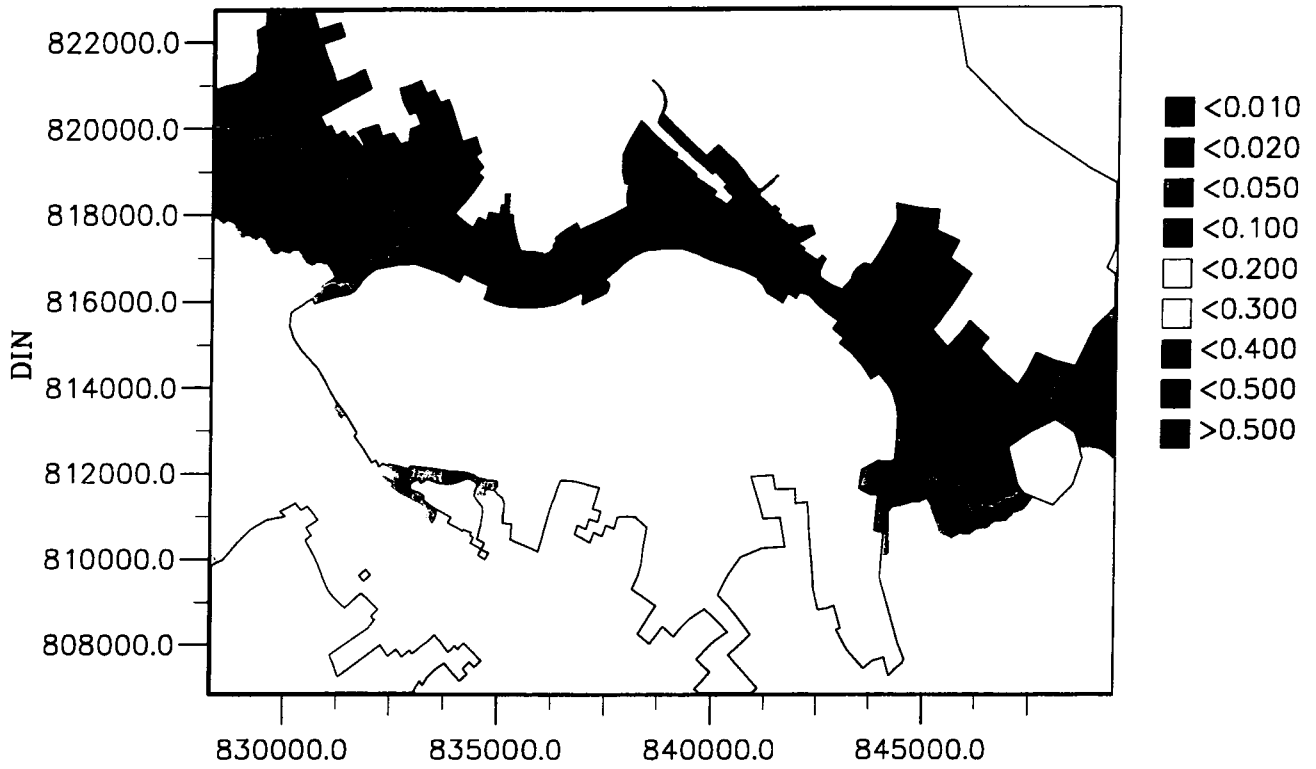


FIGURE 5

SCENARIO: STAGE I/II WET SEASON 1997
DISSOLVED INORGANIC NITROGEN (mgN/l)
UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
Resources
Management



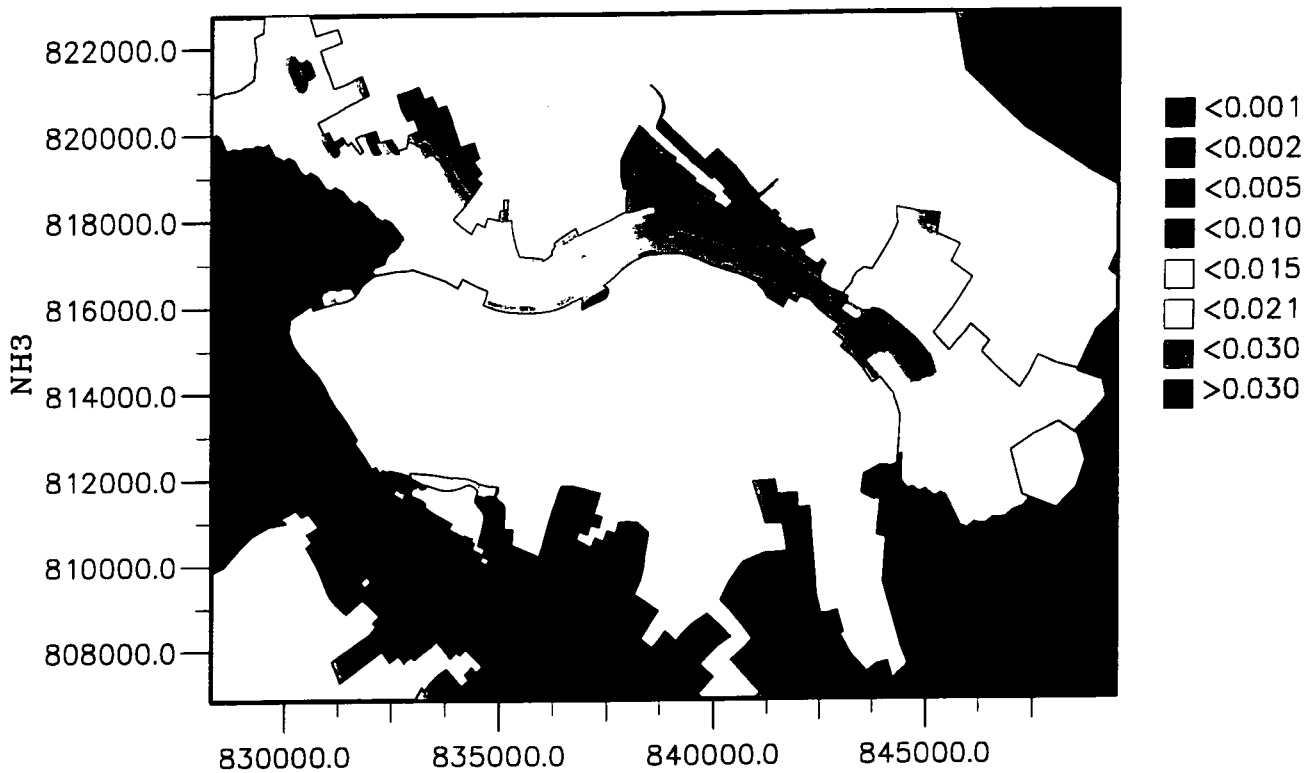


FIGURE 6

SCENARIO: STAGE III WET SEASON 1997
 UNIONISED AMMONIUM (mgN/l)
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management



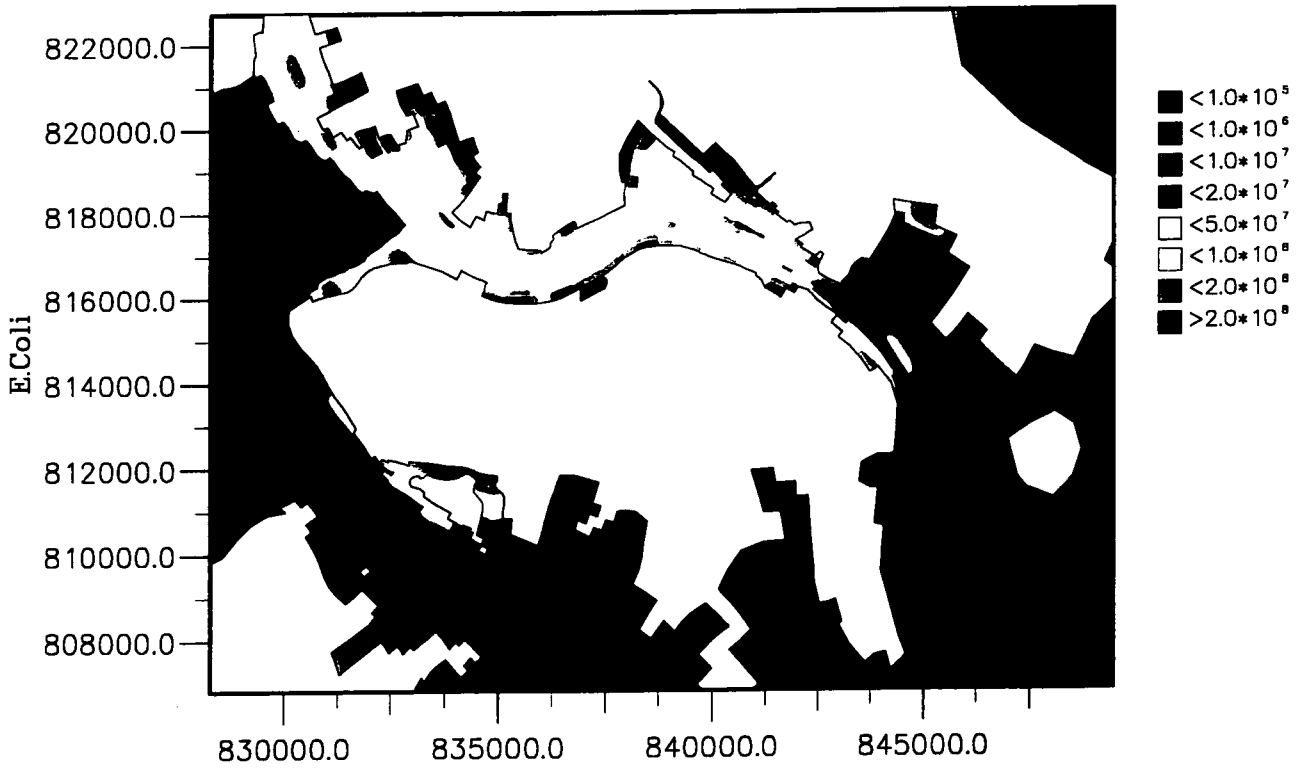
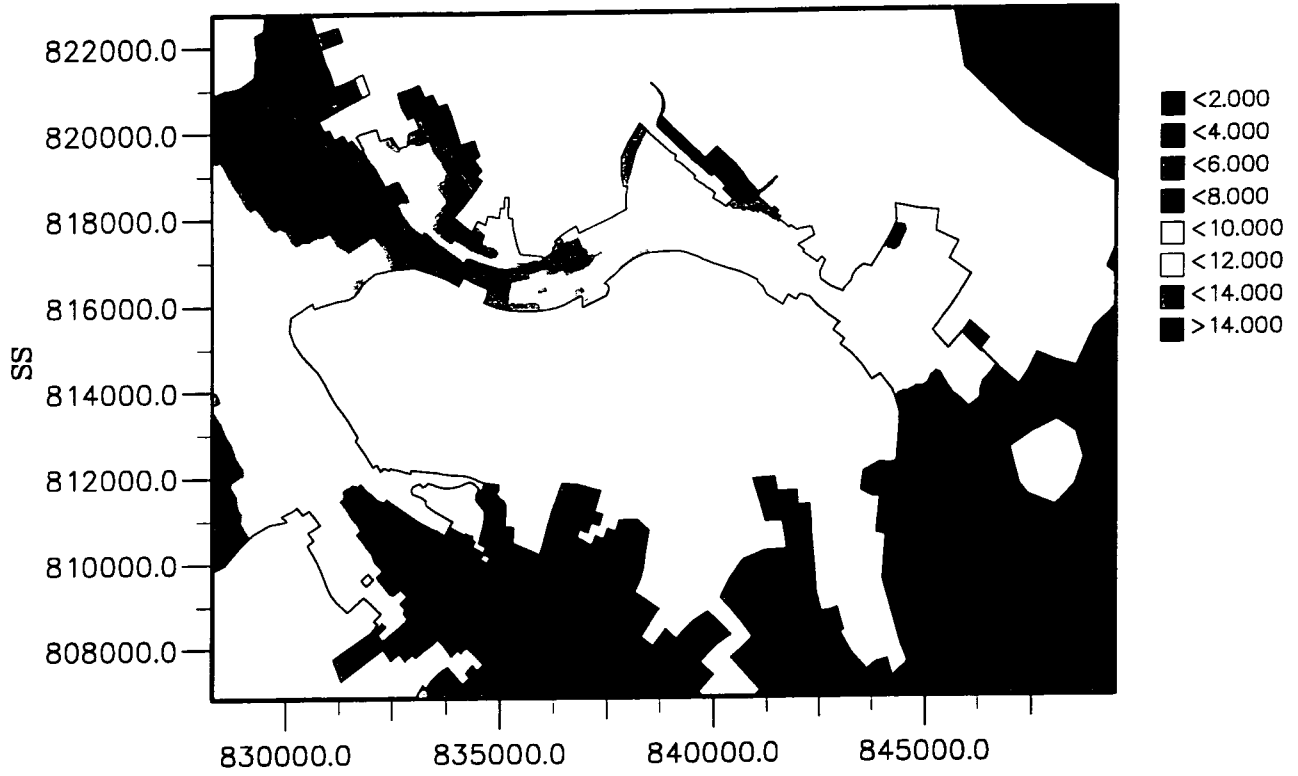


FIGURE 7

SCENARIO: STAGE I/II WET SEASON 1997
 DEPTH AVERAGED
 UPPER: SUSP. SOLIDS (mg/l); LOWER: E. COLI (MPN/m3)

Environmental
 Resources
 Management



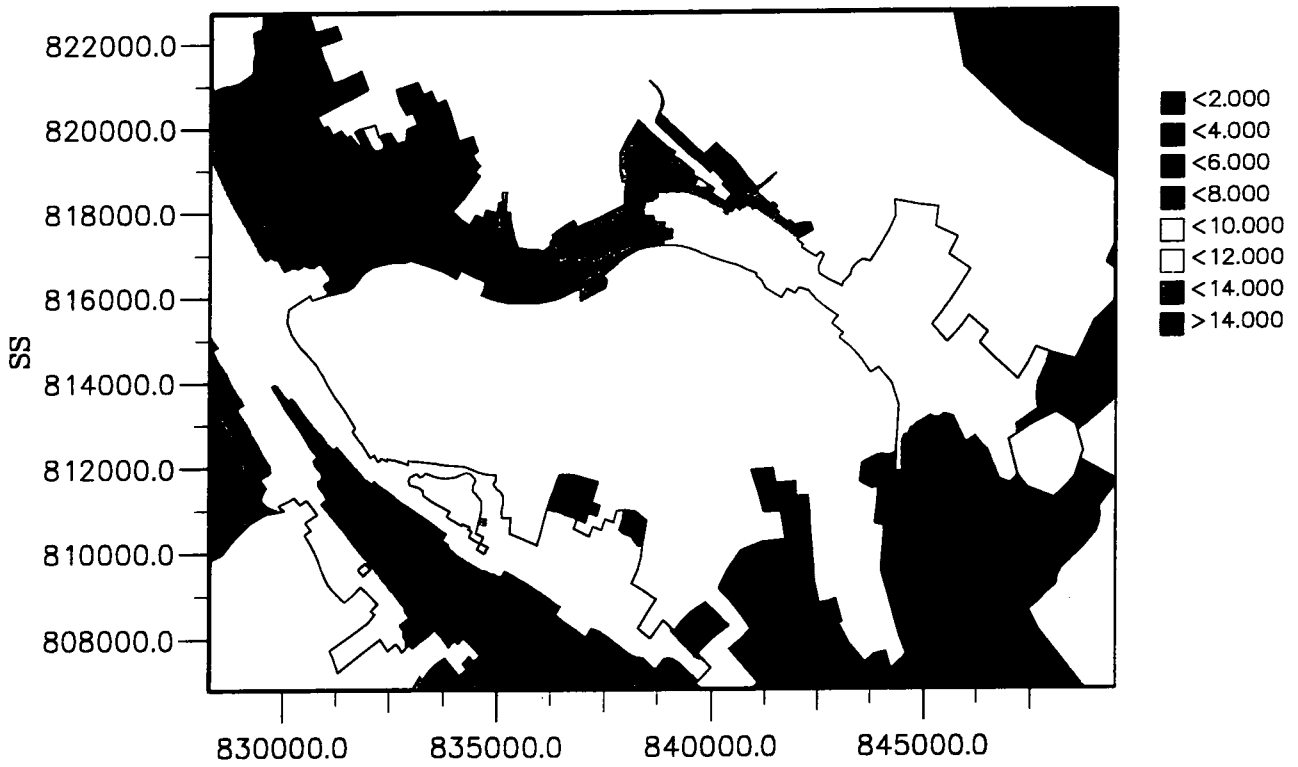
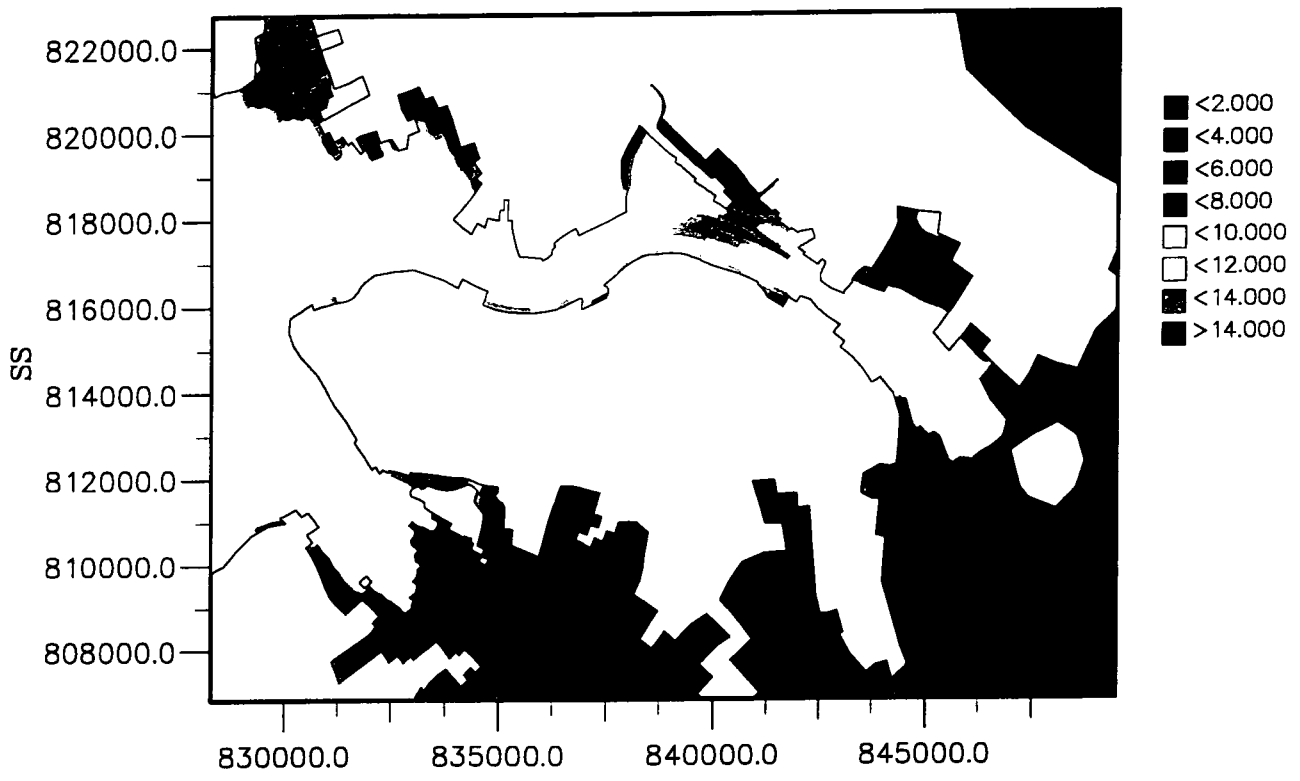


FIGURE 8

SCENARIO: STAGE I/II WET SEASON 1997
 SUSPENDED SOLIDS (mg/l)
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management



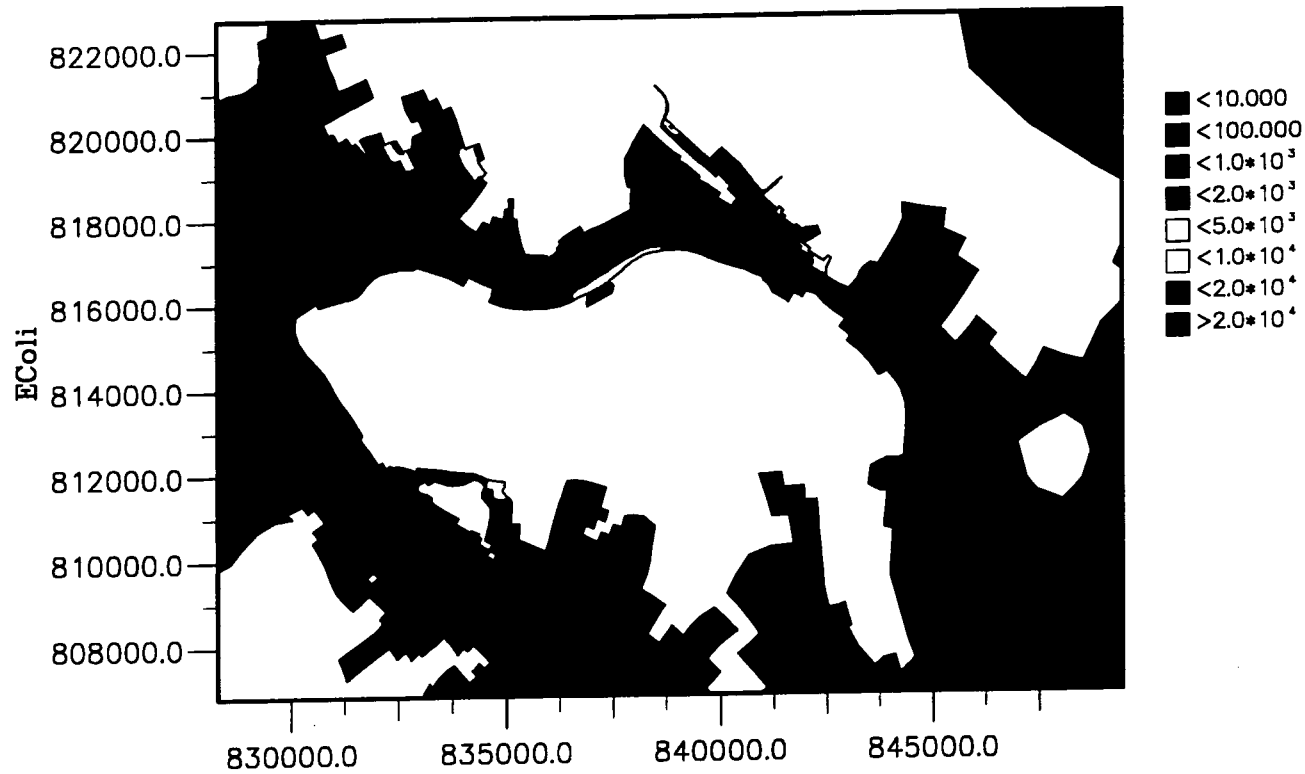
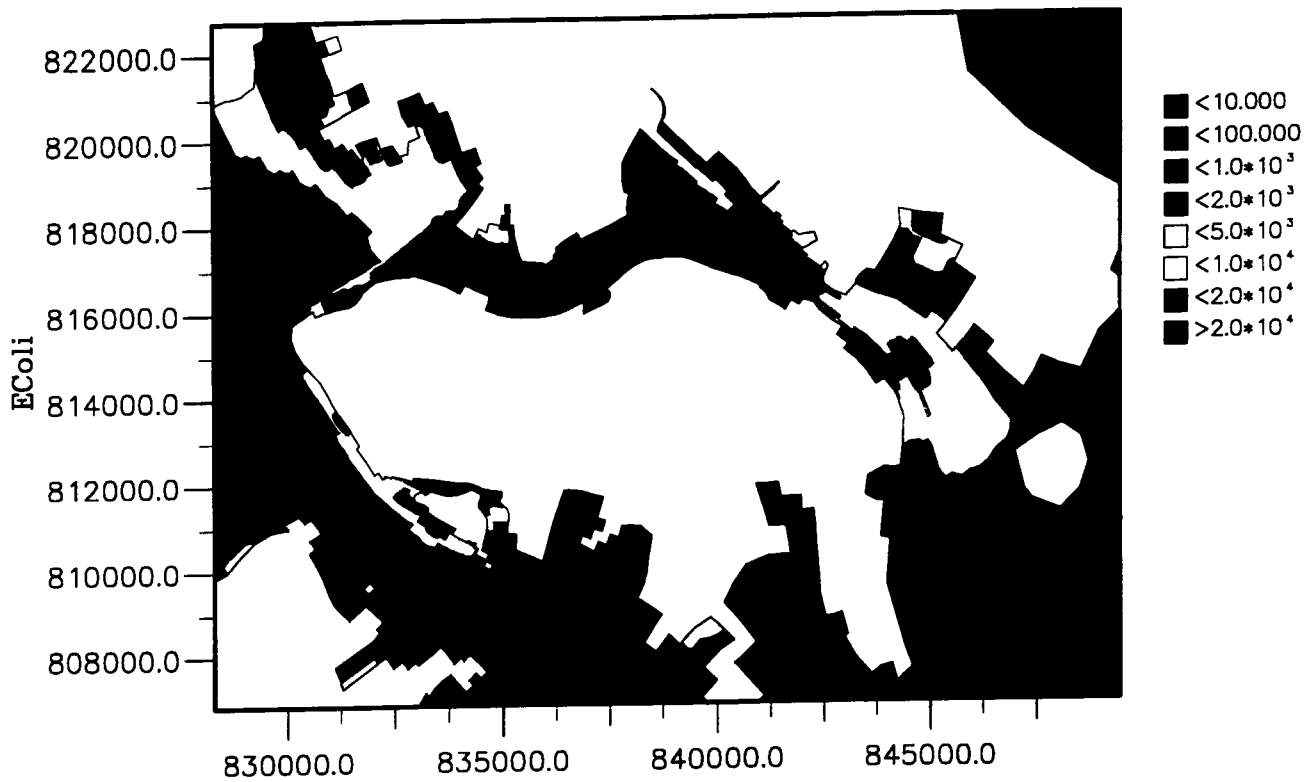


FIGURE 9

SCENARIO: STAGE I/II WET SEASON 1997
 E. COLI GEOMETRIC MEAN (MPN/100ml)
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management



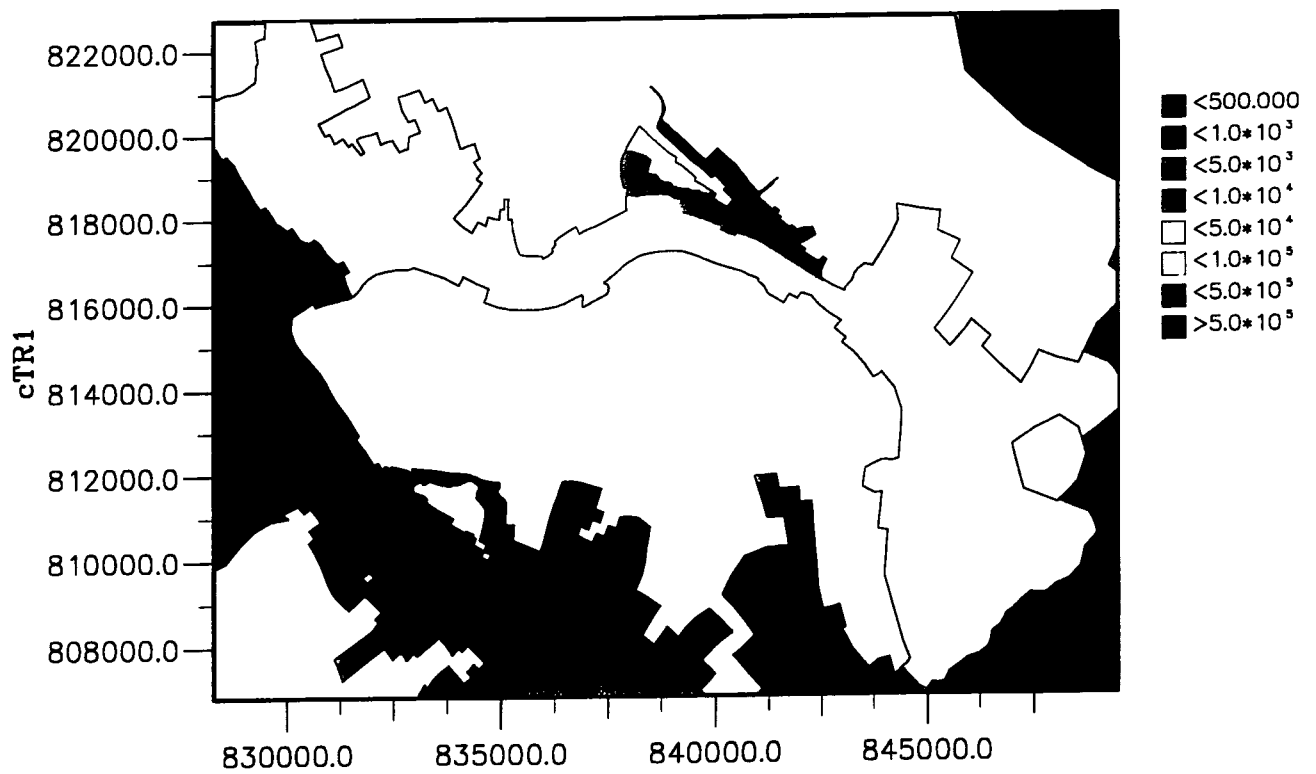


FIGURE 10

SCENARIO: STAGE I/II WET SEASON 1997
 DEPTH AVERAGED
 UPPER: CHLOROPHYLL-a (ug/l); LOWER: TRACER (no./m3)

Environmental
 Resources
 Management



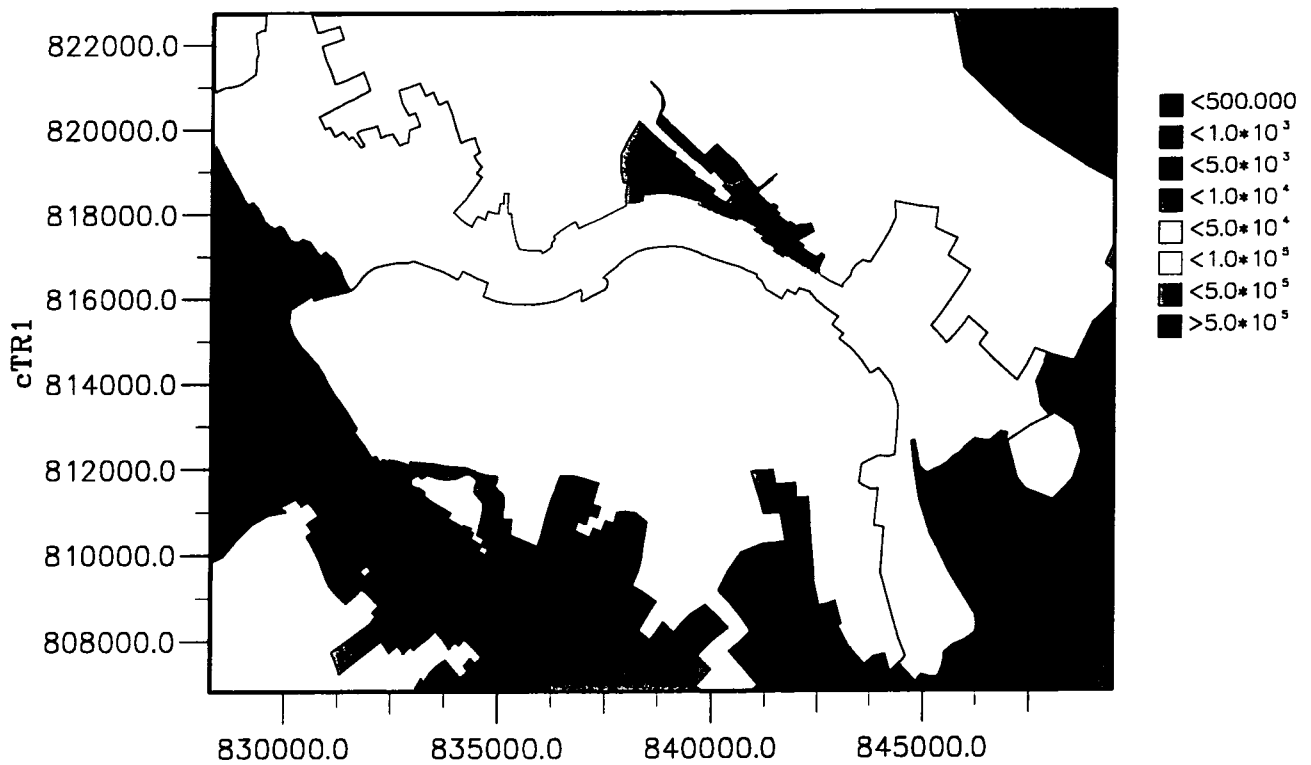
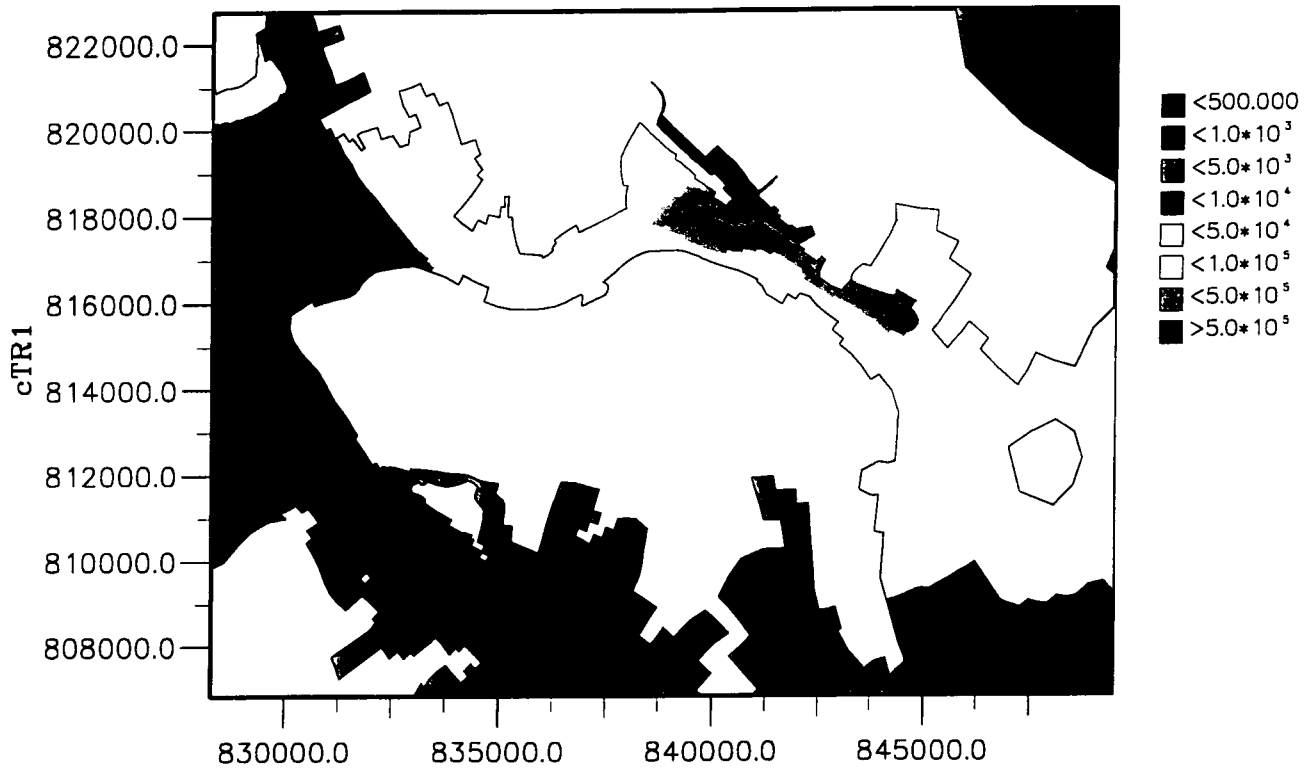


FIGURE 11

SCENARIO: STAGE I/II WET SEASON 1997
 TRACER RELEASED AT KAI TAK NULLAH ($8.64e7 \text{ no/m}^3$)
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management



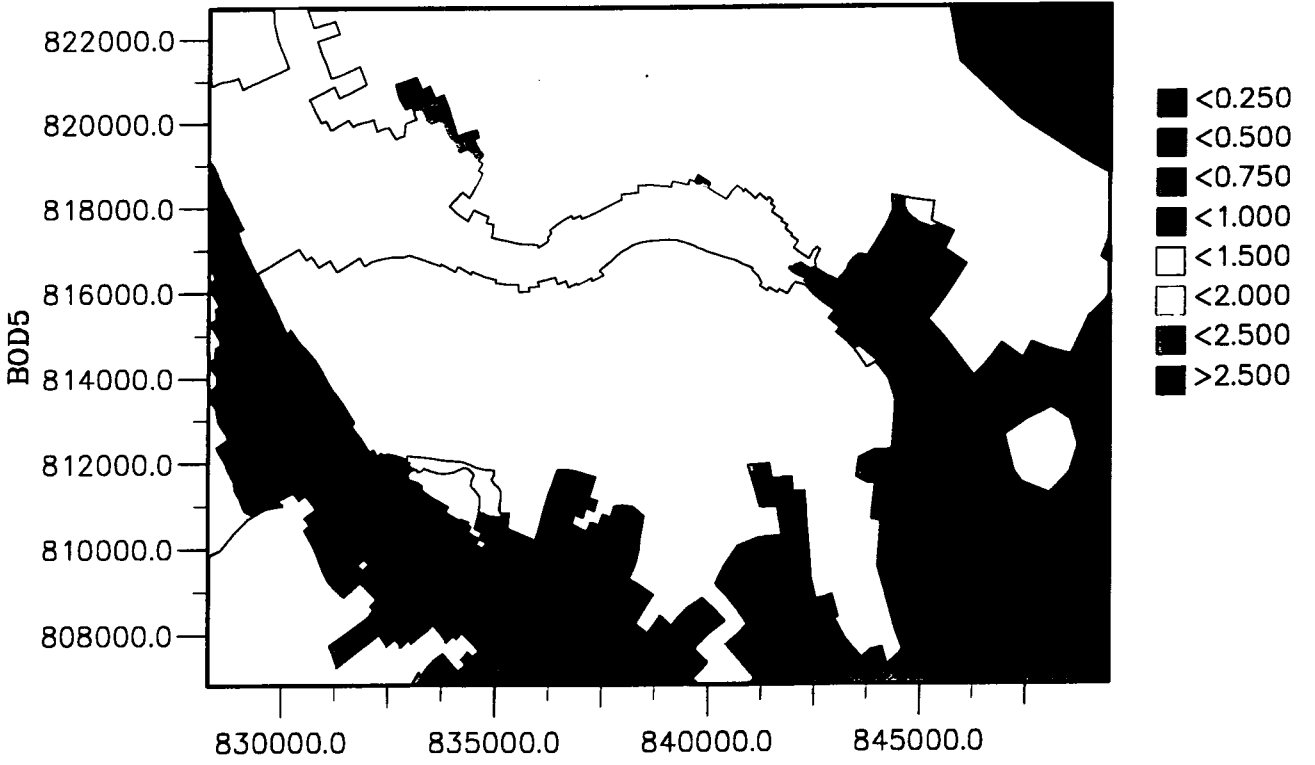
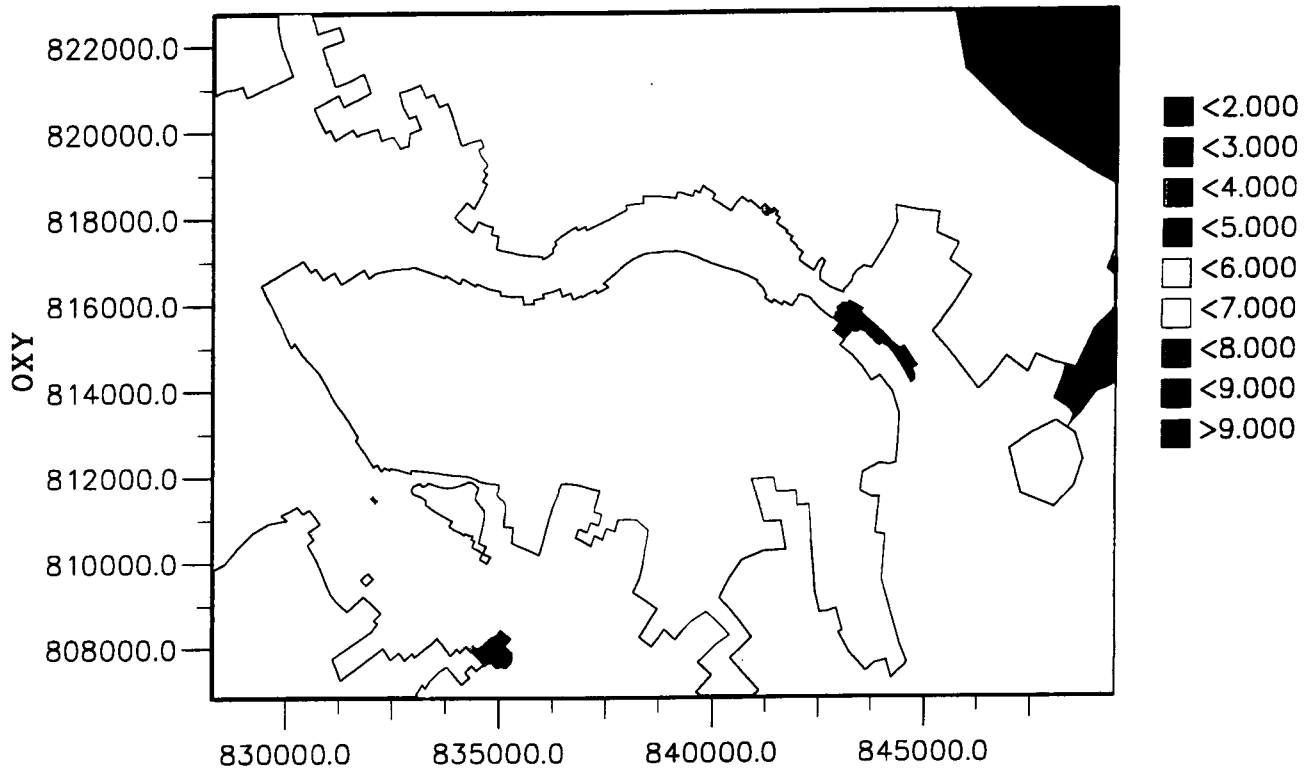


FIGURE 12

SCENARIO: TEST 1 WET SEASON 2012
DEPTH AVERAGED
UPPER: OXYGEN (mg/l); LOWER: BOD5 (mg/l)

Environmental
Resources
Management



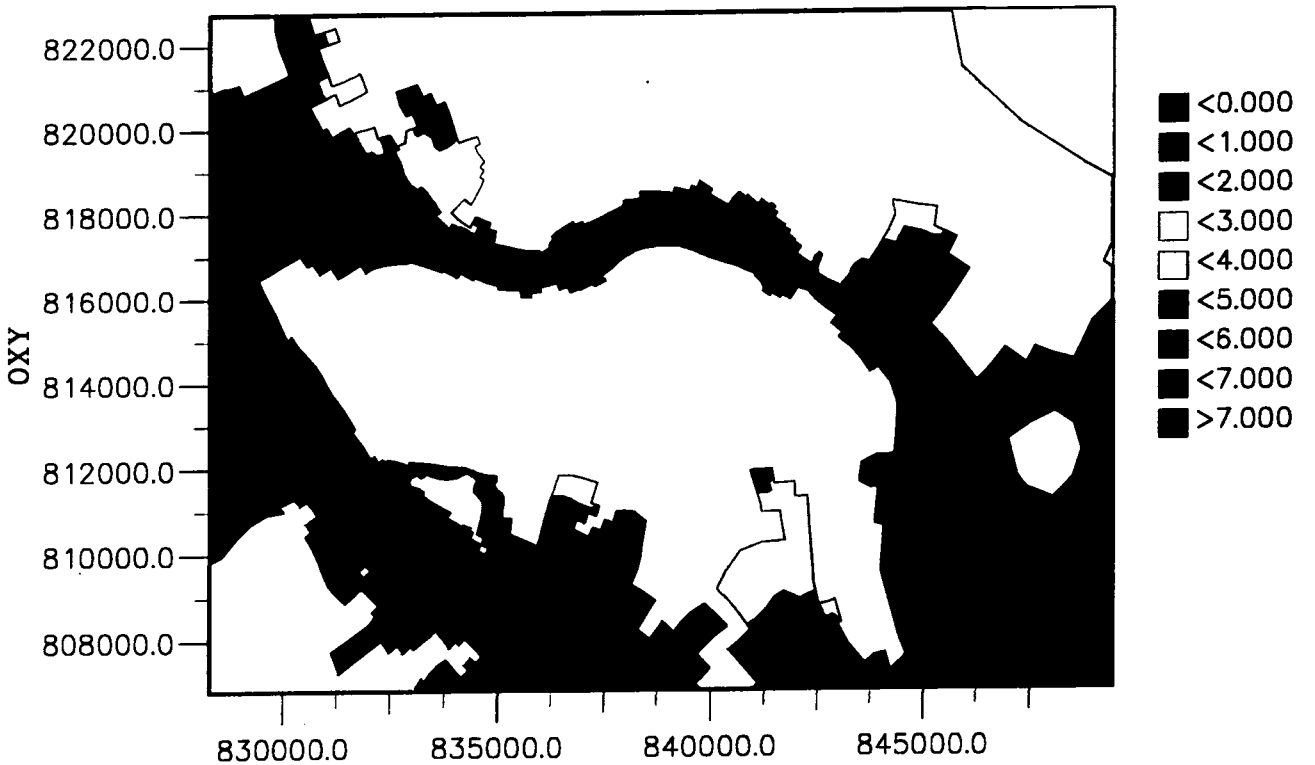
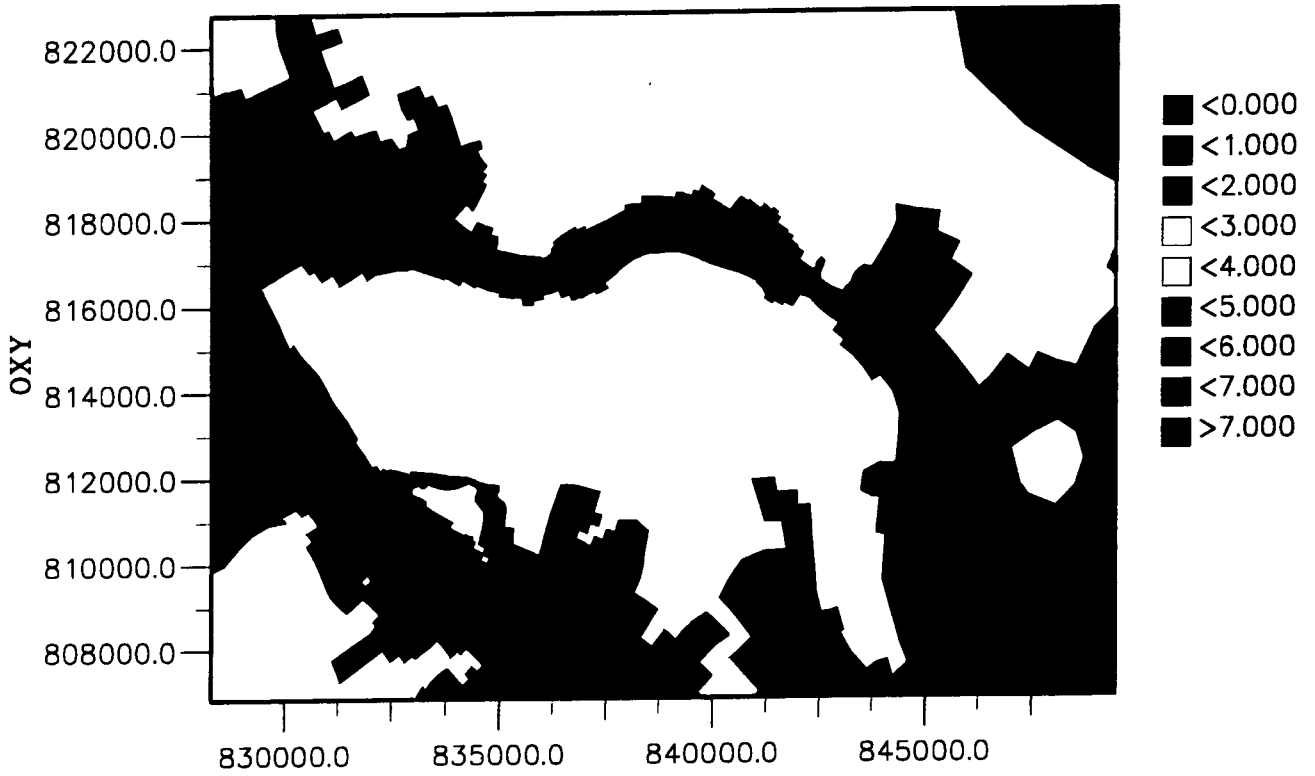


FIGURE 13

SCENARIO: TEST 1 WET SEASON 2012
 MINIMUM OXYGEN CONCENTRATION (mg/l)
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management



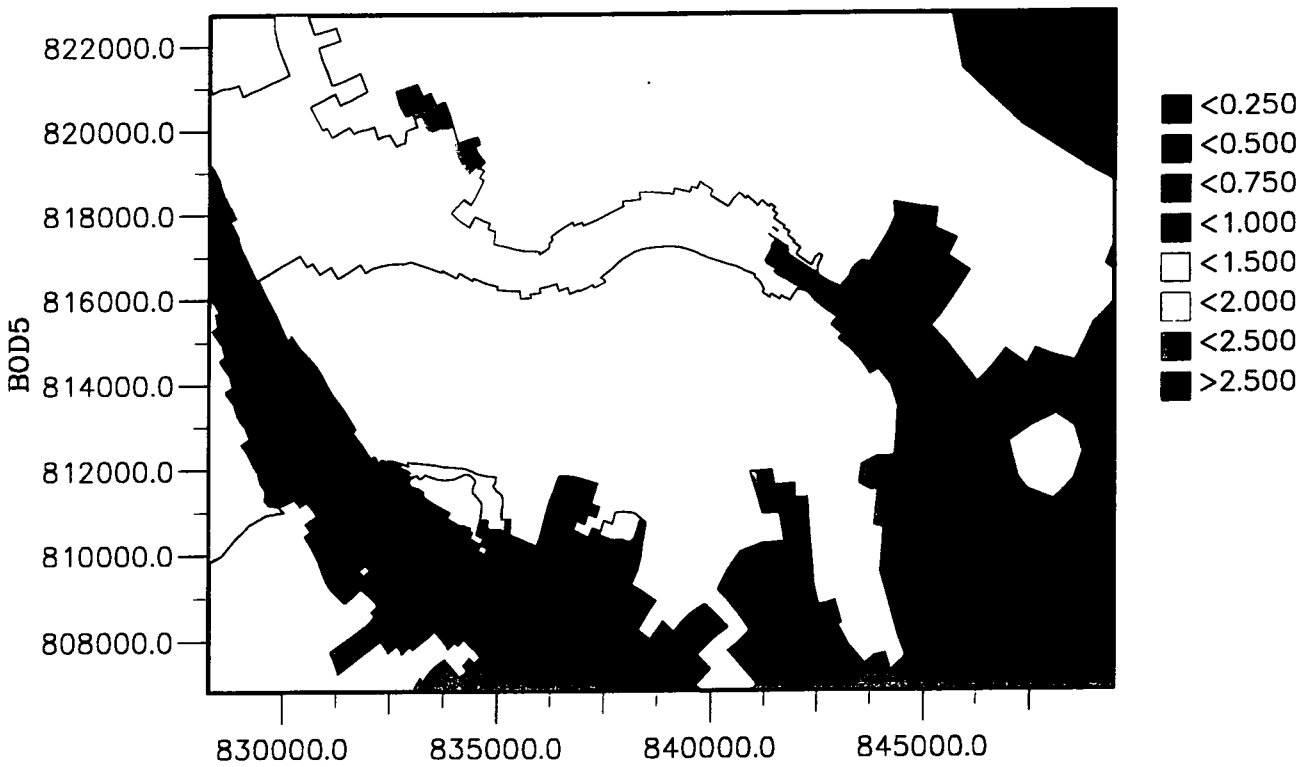
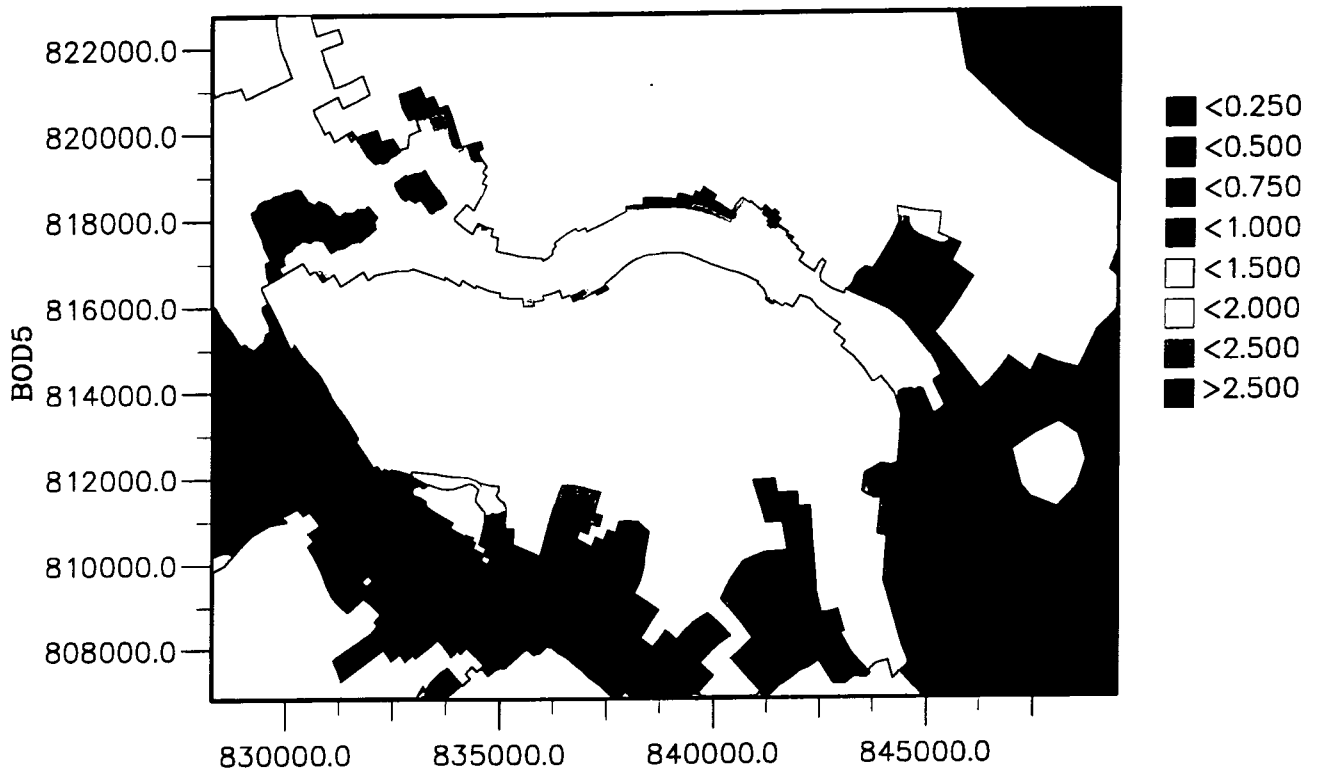


FIGURE 14

SCENARIO: TEST 1 WET SEASON 2012
 BOD5 (mg/l); NEAP/SPRING AVERAGED
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management



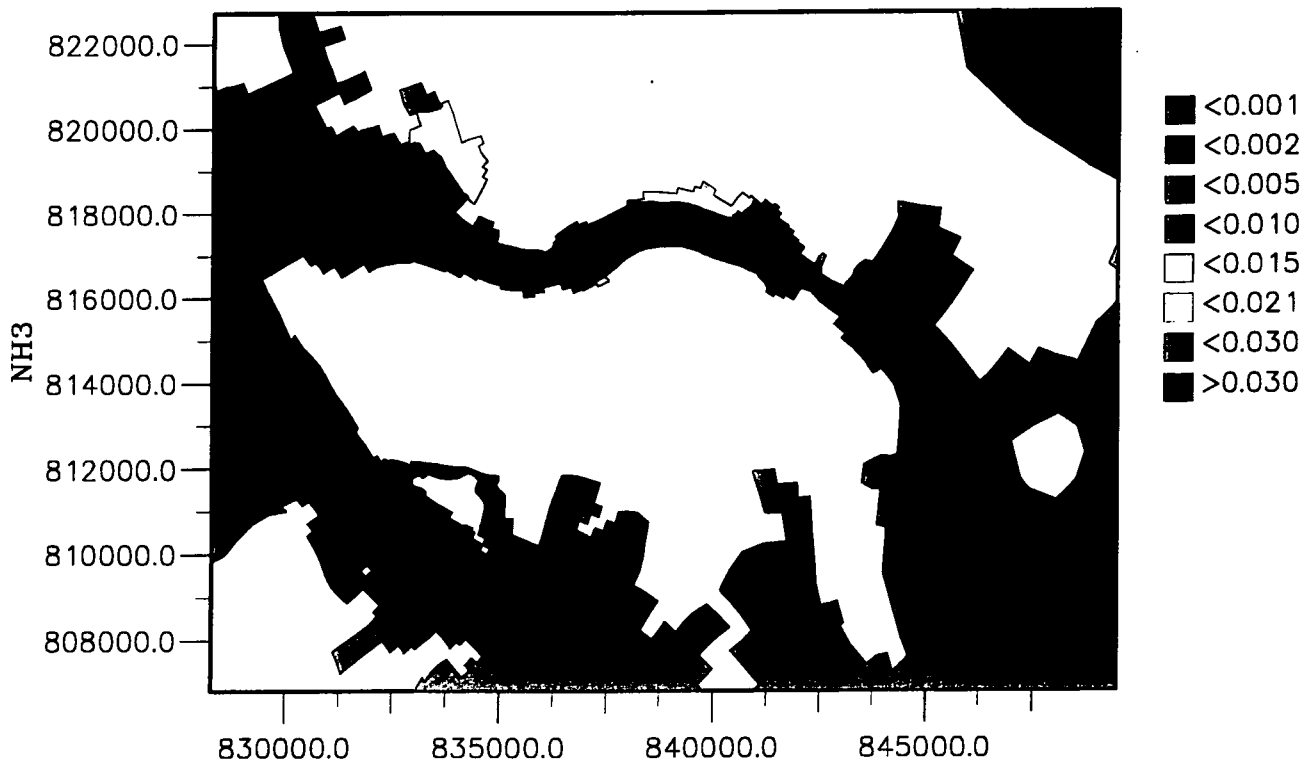
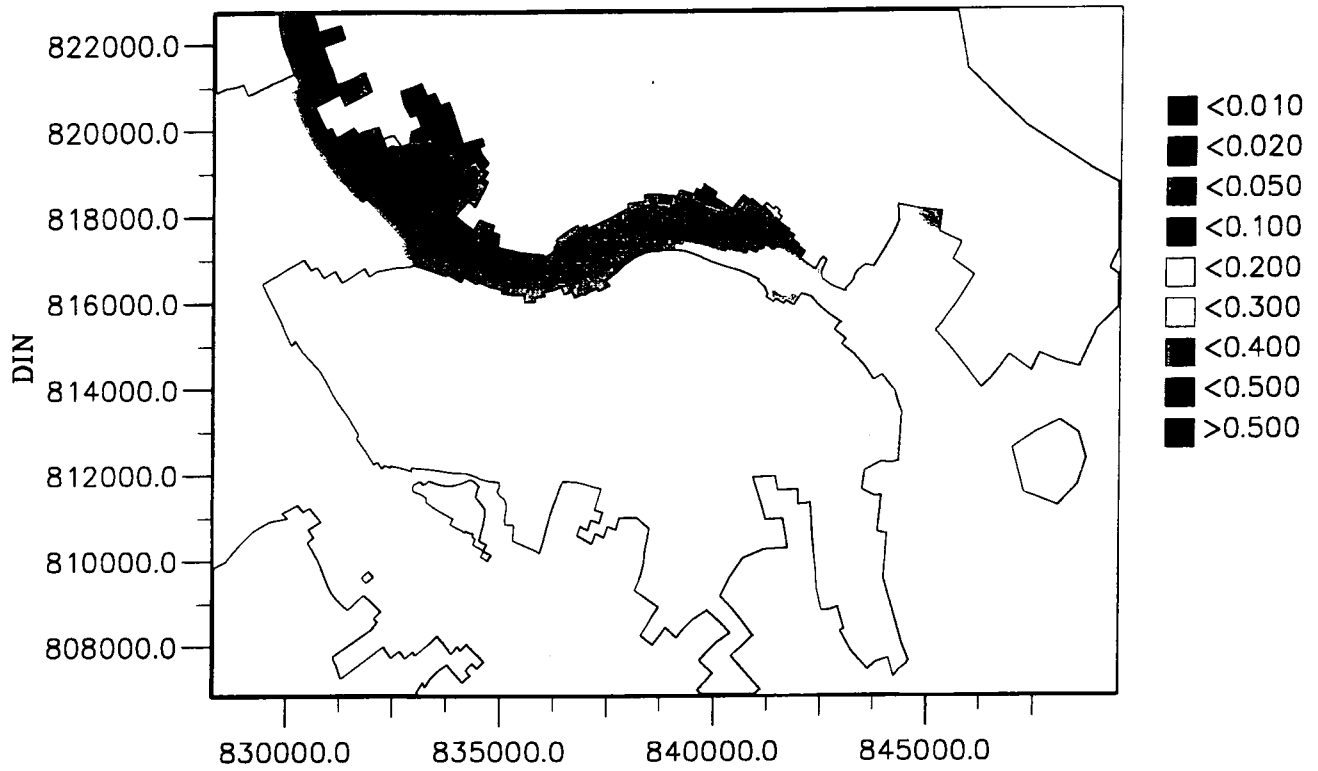


FIGURE 15

SCENARIO: TEST 1 WET SEASON 2012
 DEPTH AVERAGED
 UPPER: DIS. INORG N (mgN/l); LOWER: NH3 (mgN/l)

Environmental
 Resources
 Management



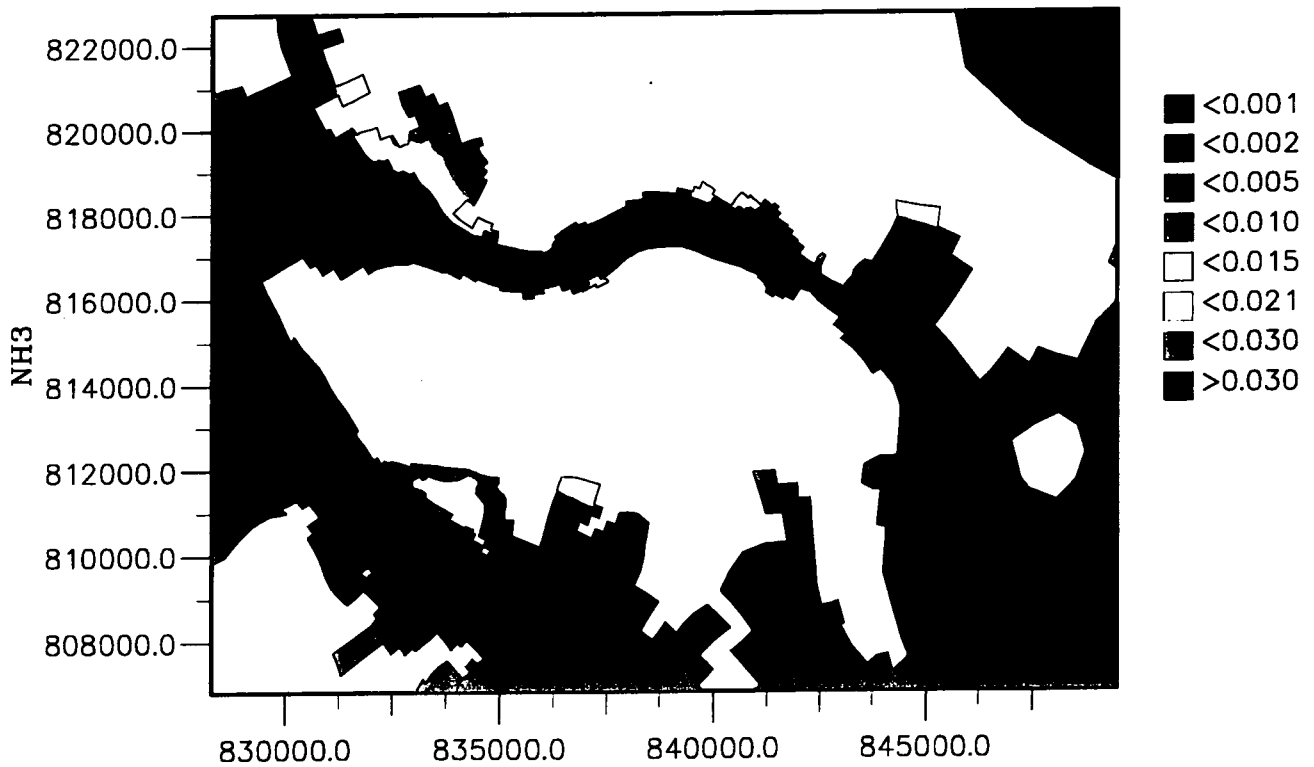
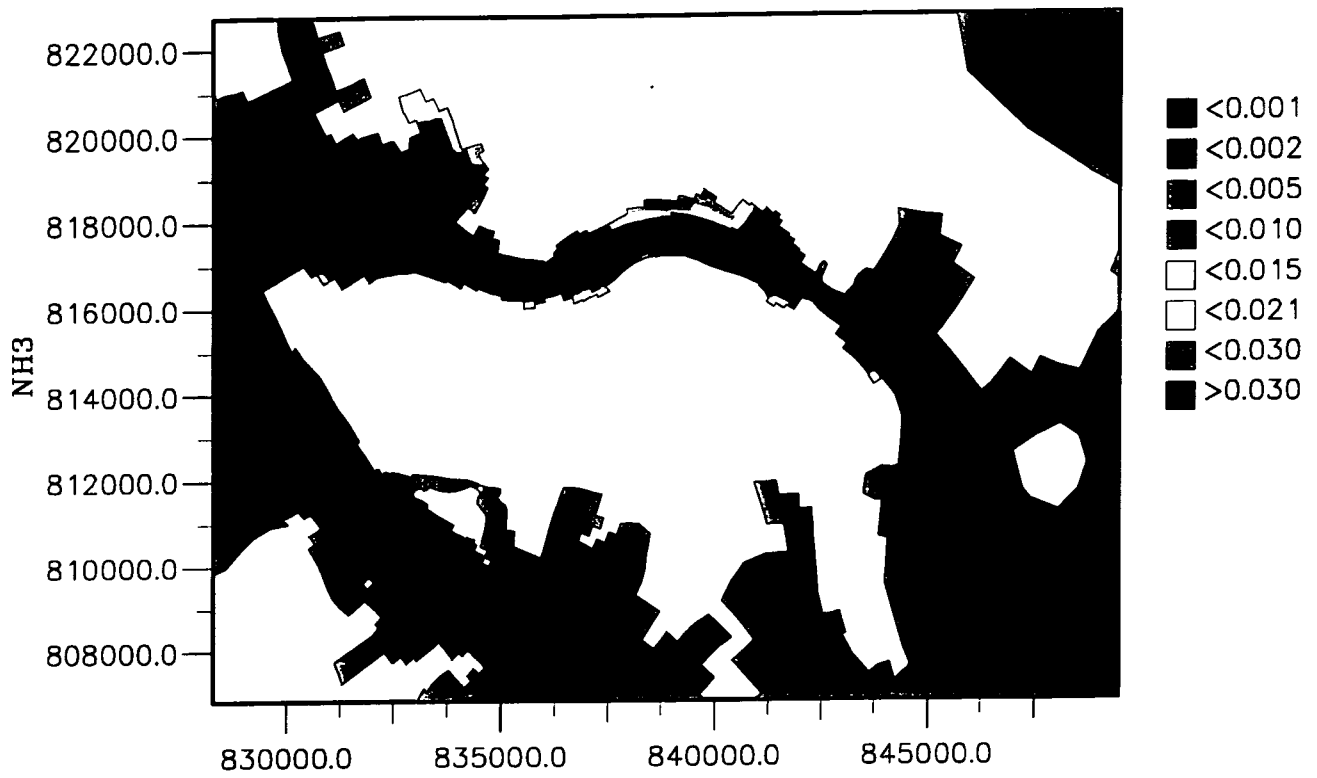


FIGURE 16

SCENARIO: TEST 1 WET SEASON 2012
 UNIONISED AMMONIUM (mg/l); NEAP/SPRING AVERAGED
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management



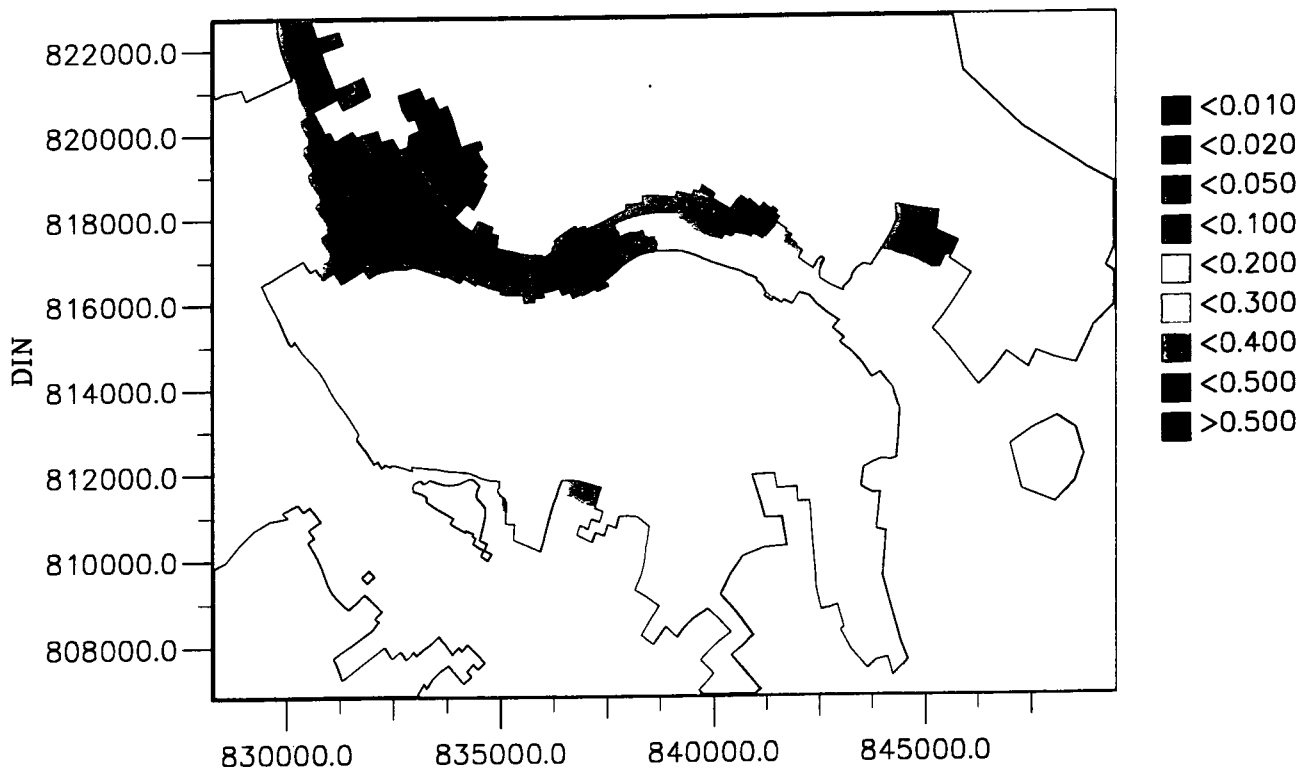
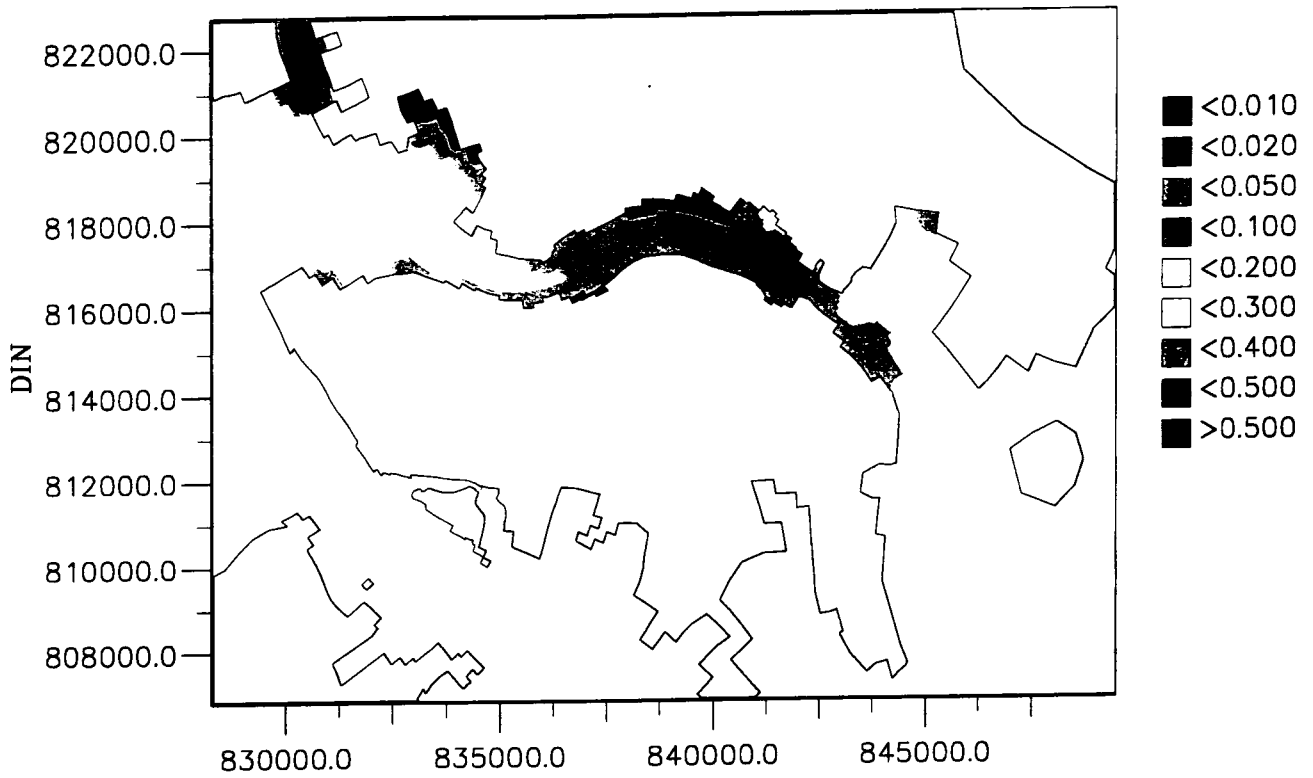


FIGURE 17

SCENARIO: TEST 1 WET SEASON 2012
DISSOLVED INORGANIC NITROGEN (mgN/l)
UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
Resources
Management



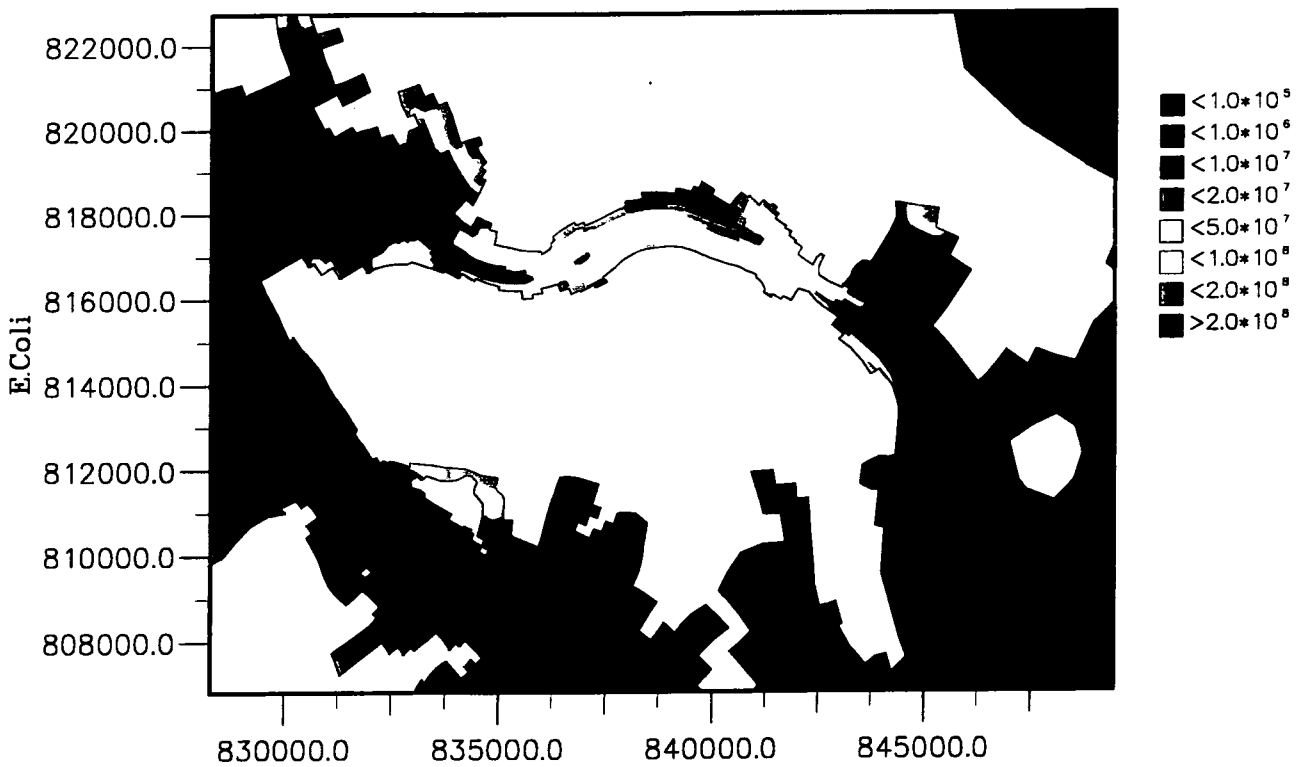
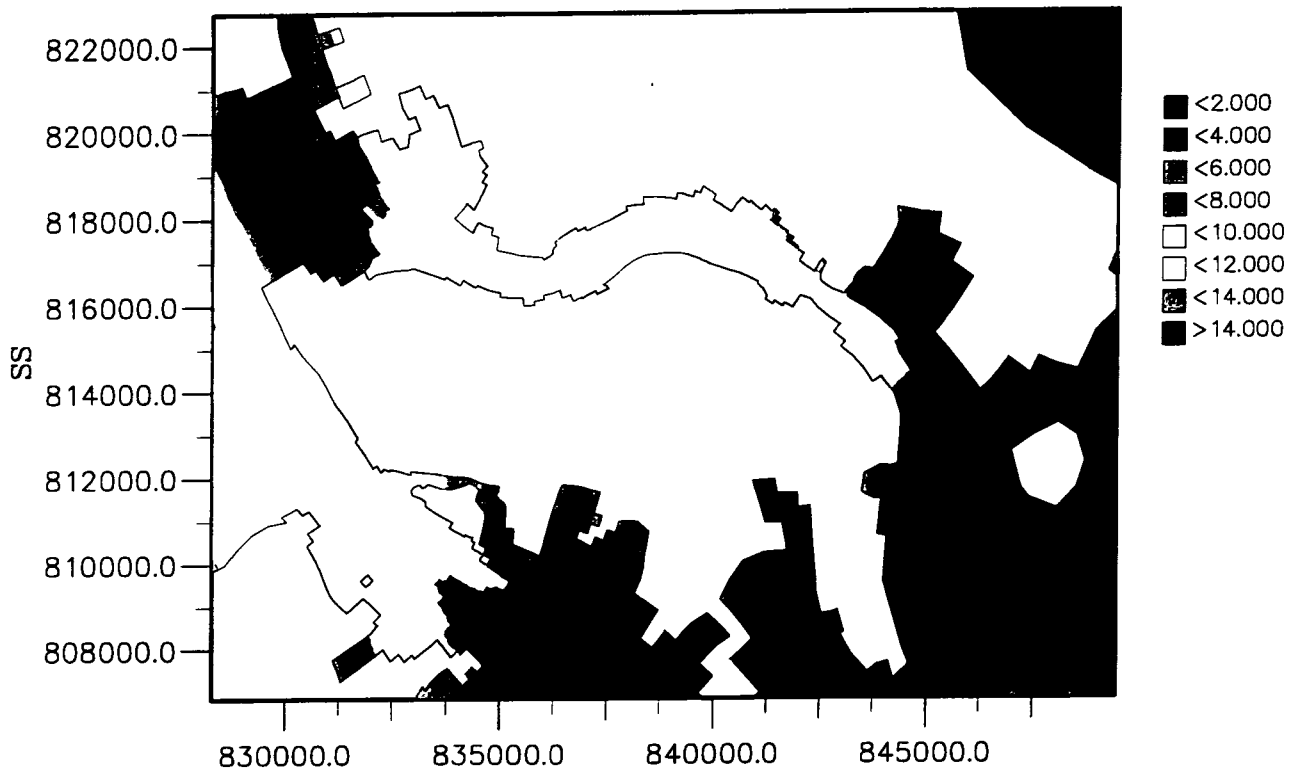


FIGURE 18

SCENARIO: TEST 1 WET SEASON 2012
DEPTH AVERAGED
UPPER: SUSP. SOLIDS (mg/l); LOWER: E. COLI (MPN/m³)

Environmental
Resources
Management





FIGURE 19

SCENARIO: TEST 1 WET SEASON 2012
SUSPENDED SOLIDS (mg/l); NEAP/SPRING AVERAGED
UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
Resources
Management



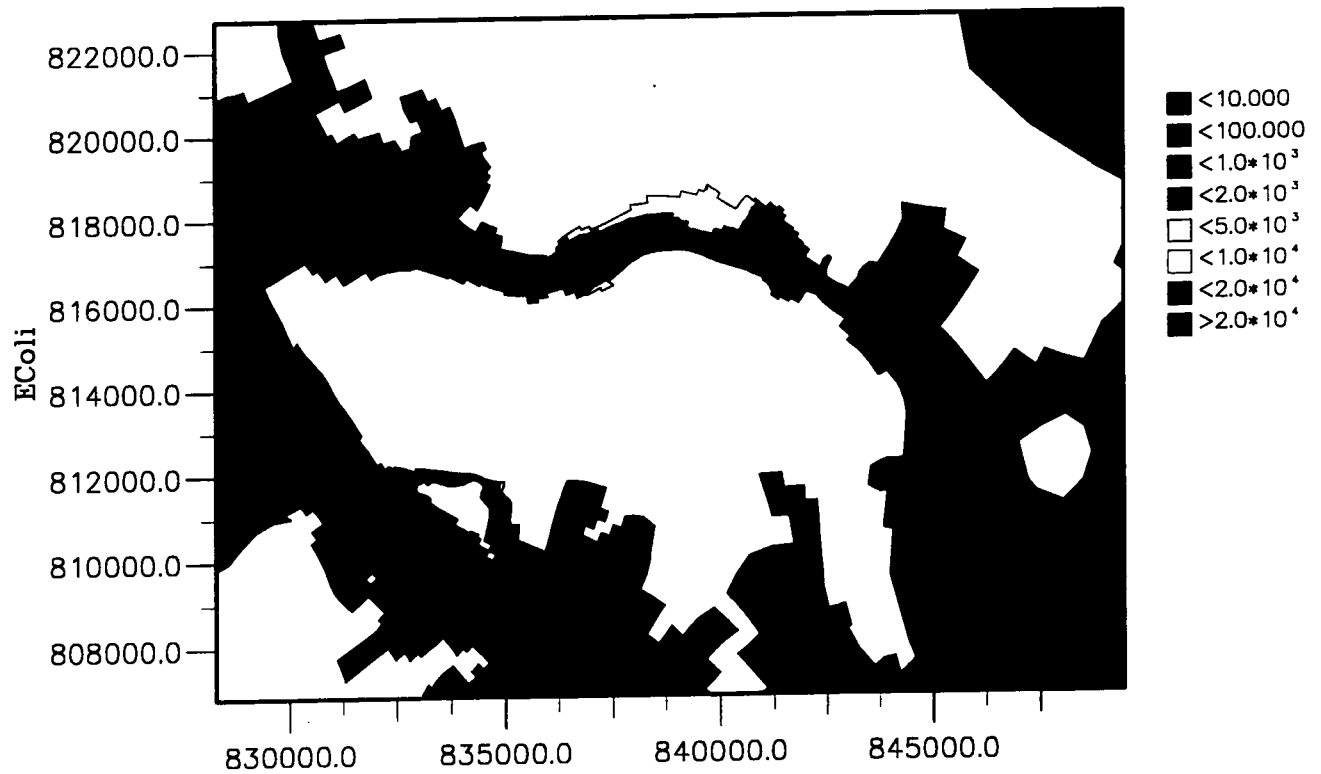
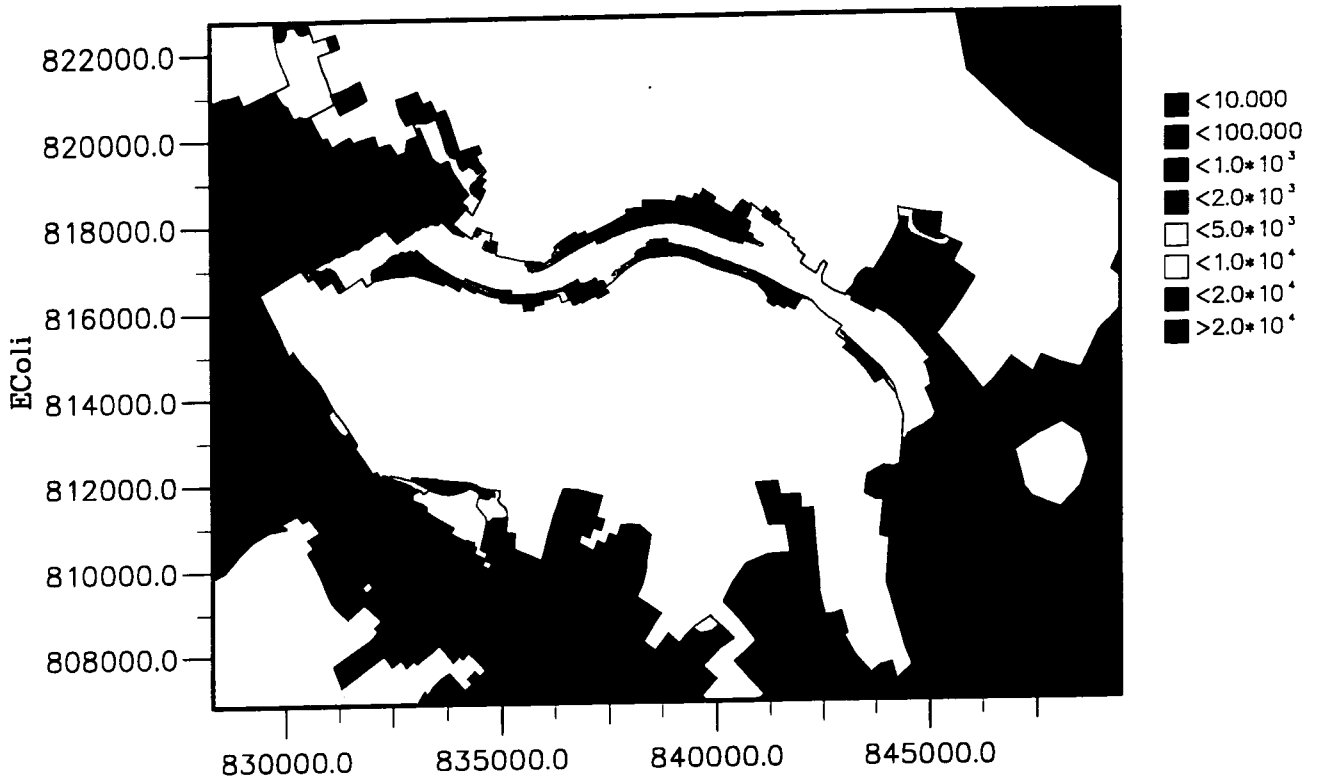


FIGURE 20

SCENARIO: TEST 1 WET SEASON 2012
 E. COLI GEOMETRIC MEAN (MPN/100ml)
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management



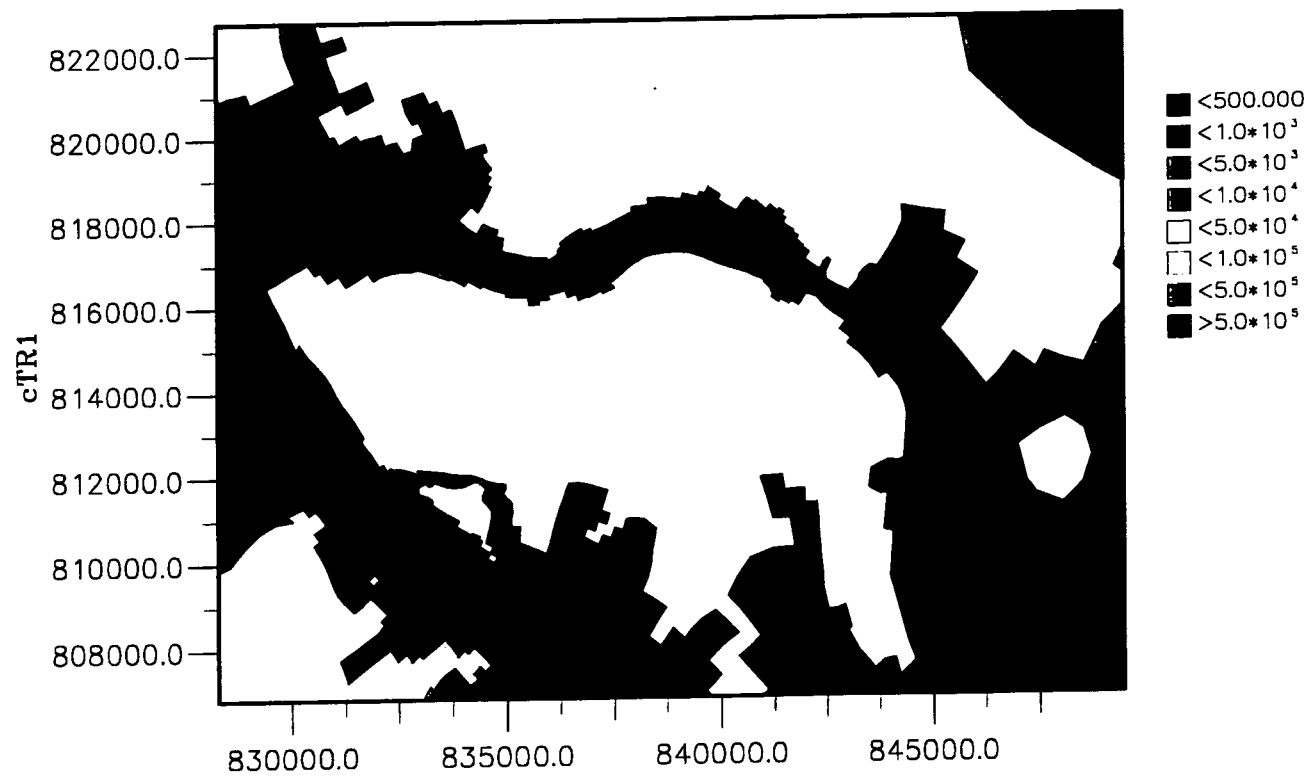
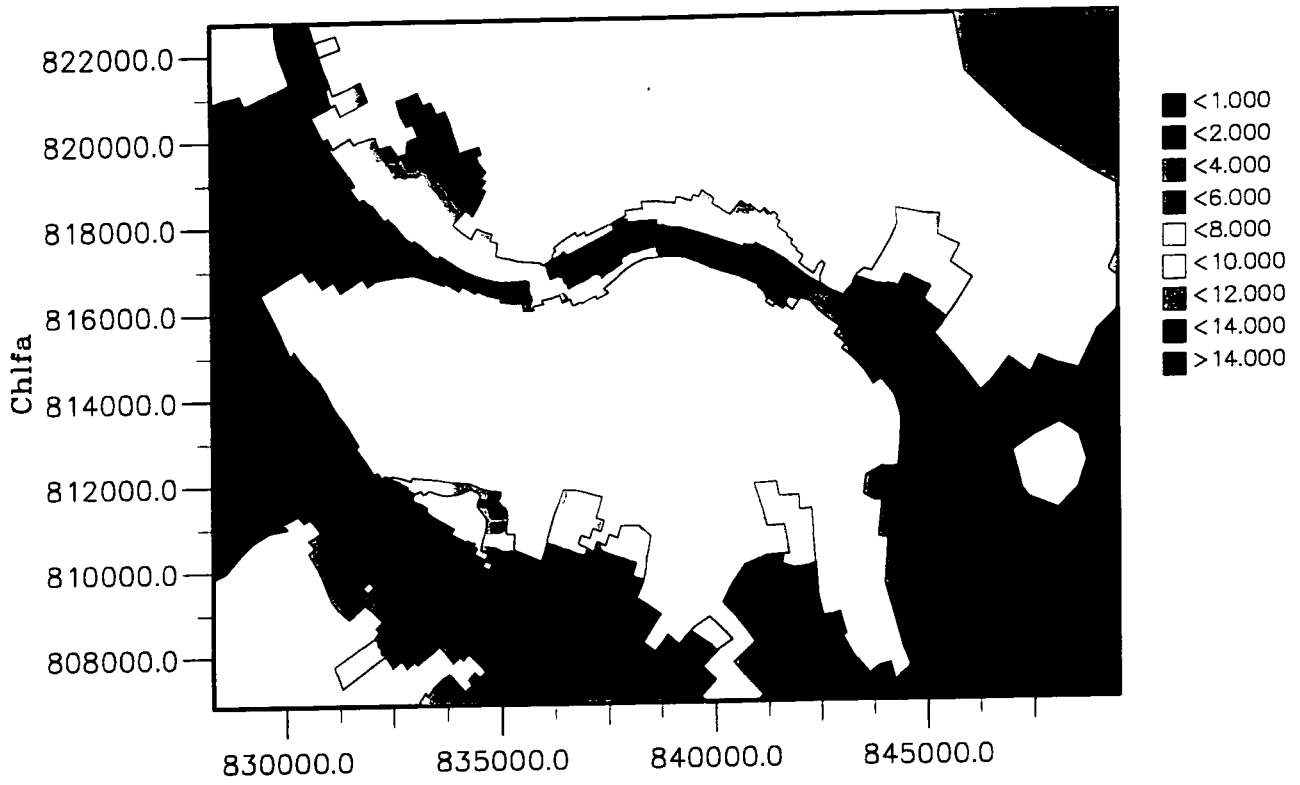


FIGURE 21

SCENARIO: TEST 1 WET SEASON 2012
 DEPTH AVERAGED
 UPPER: CHLOROPHYLL-A (ug/l); LOWER: TRACER (no./m³)

Environmental
 Resources
 Management



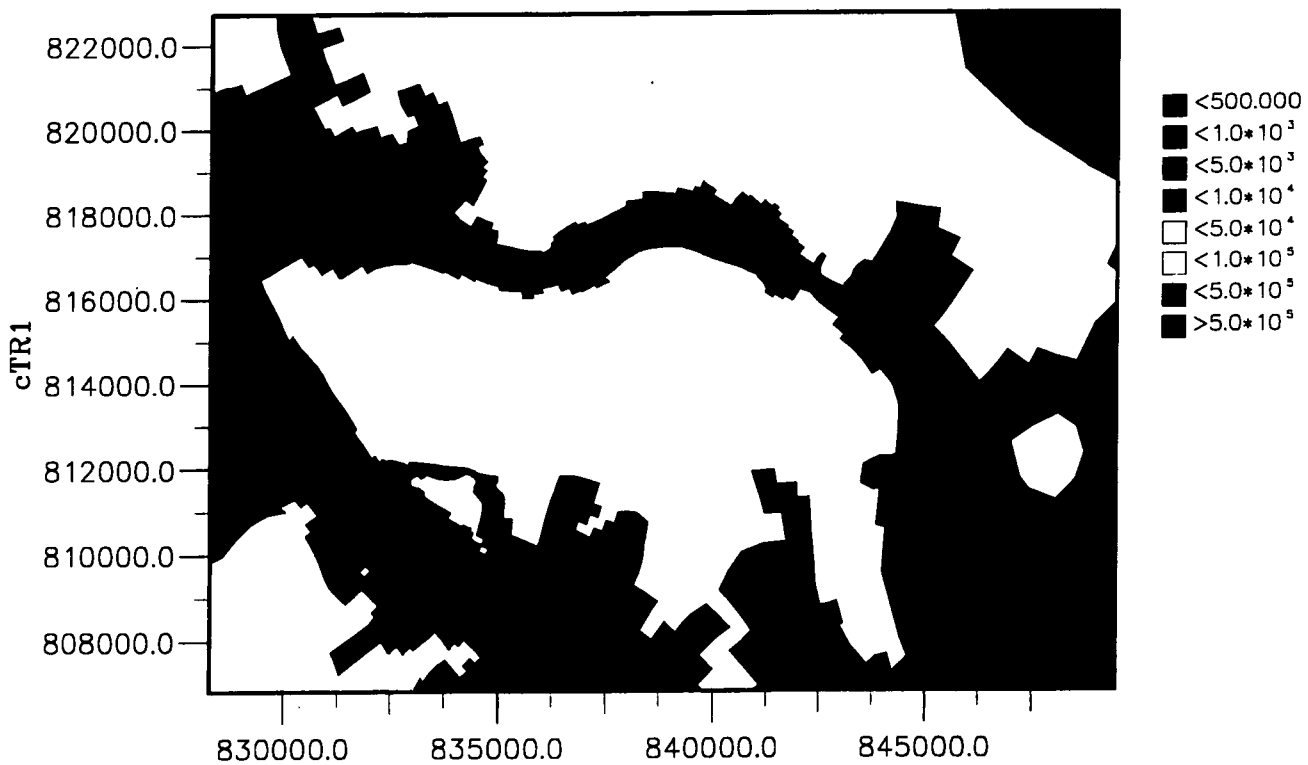


FIGURE 22

SCENARIO: TEST 1 WET SEASON 1997
 TRACER RELEASED AT KAI TAK NULLAH ($8.64e7 \text{ no/m}^3$)
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management



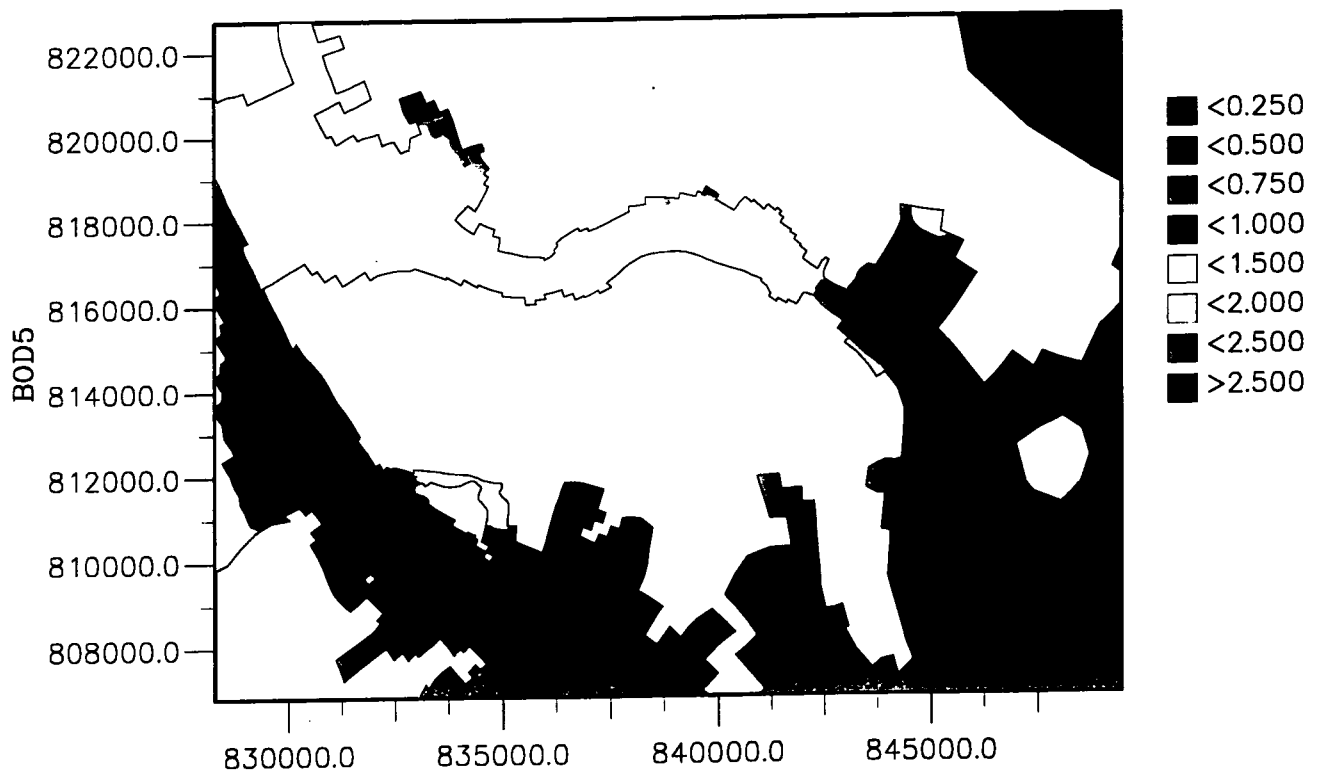
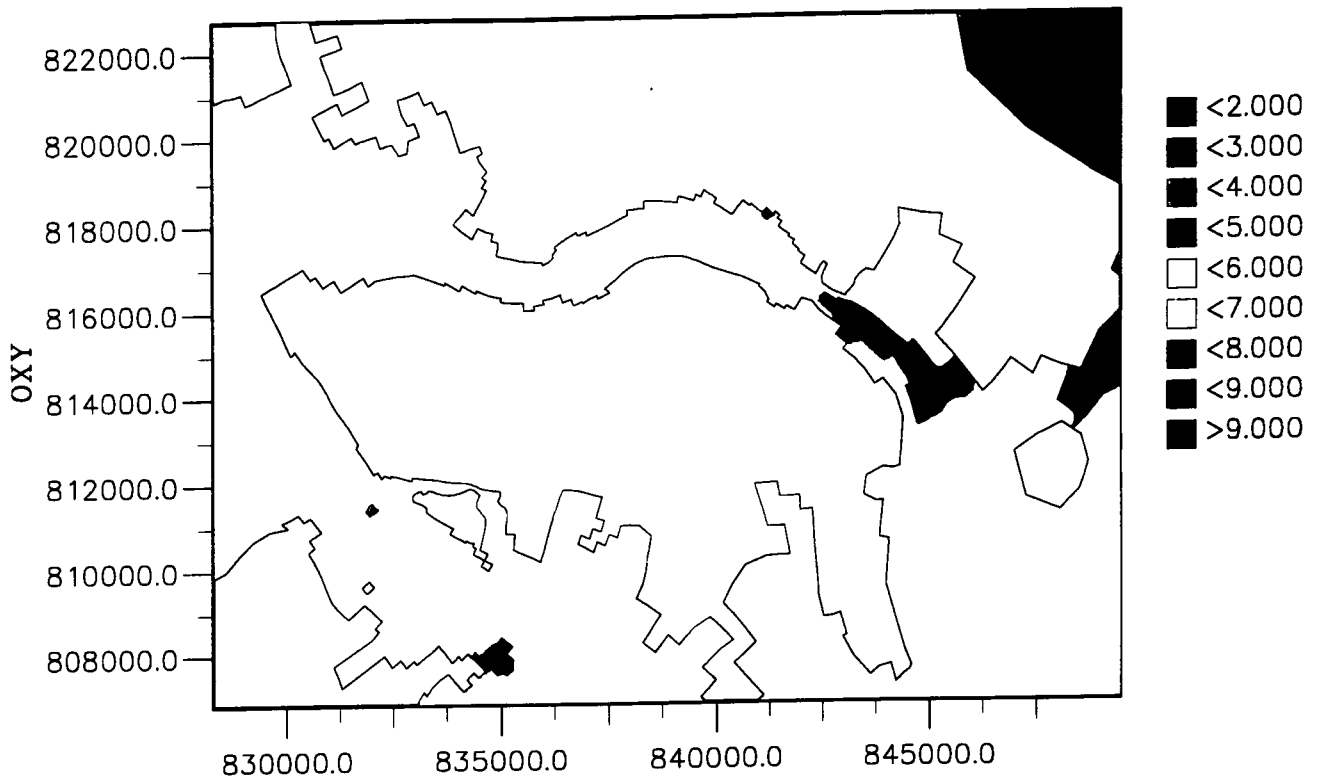


FIGURE 23

SCENARIO: TEST 2 WET SEASON 2012
DEPTH AVERAGED
UPPER: OXYGEN (mg/l); LOWER: BOD5 (mg/l)

Environmental
Resources
Management



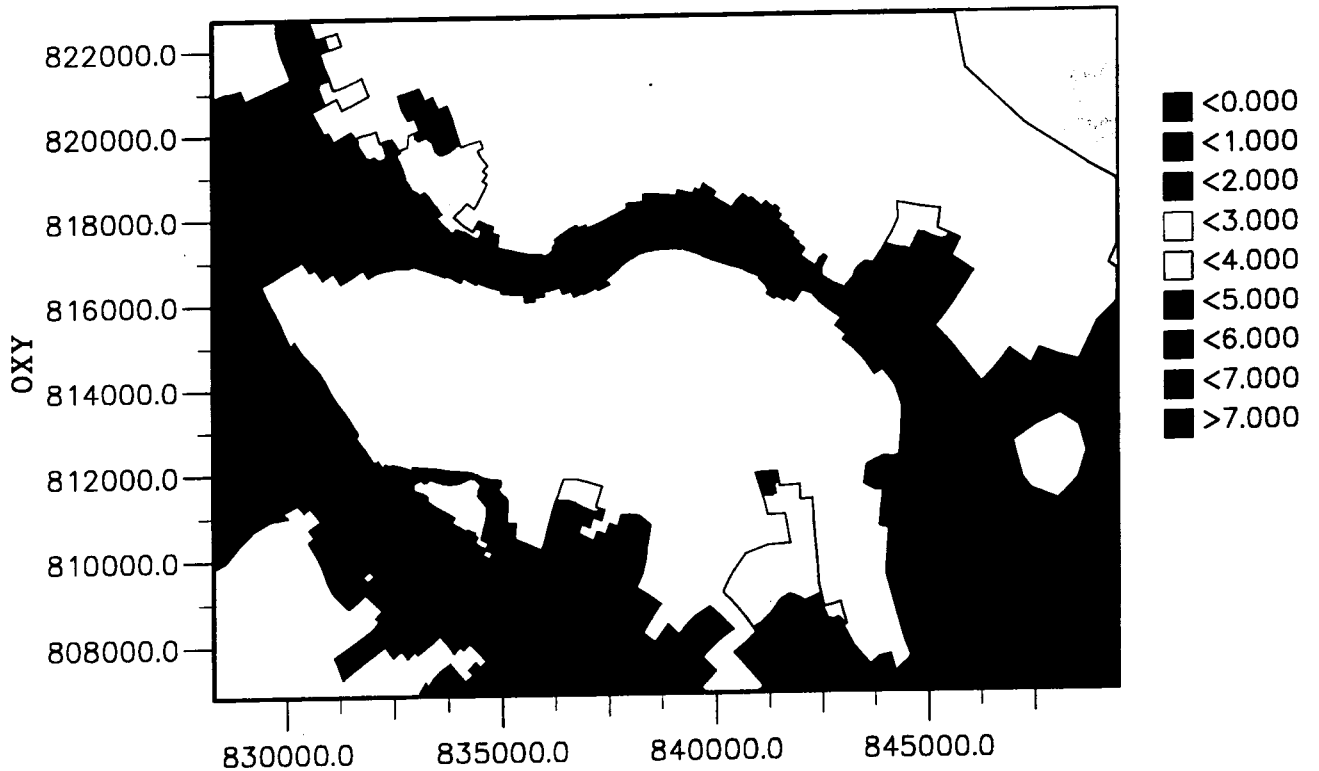
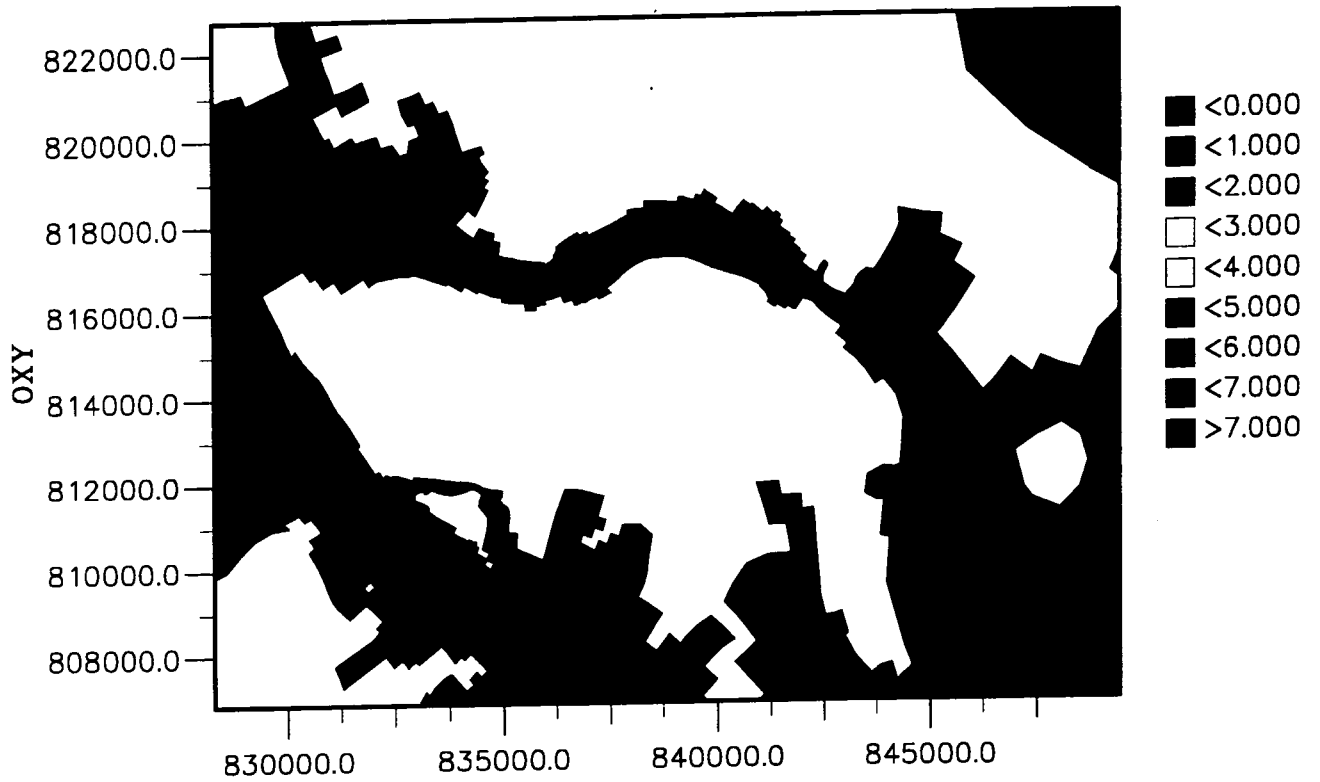


FIGURE 24

SCENARIO: TEST 2 WET SEASON 2012
 MINIMUM OXYGEN CONCENTRATION (mg/l)
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management



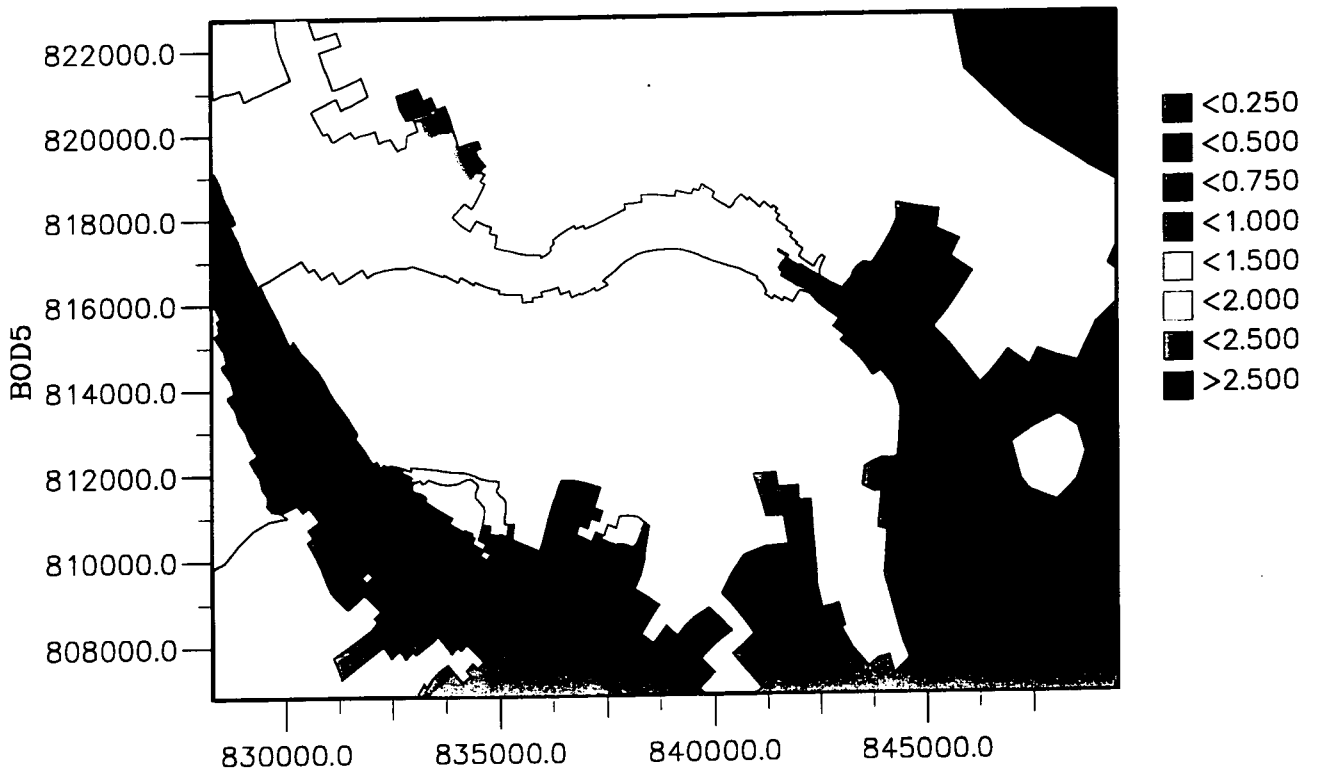
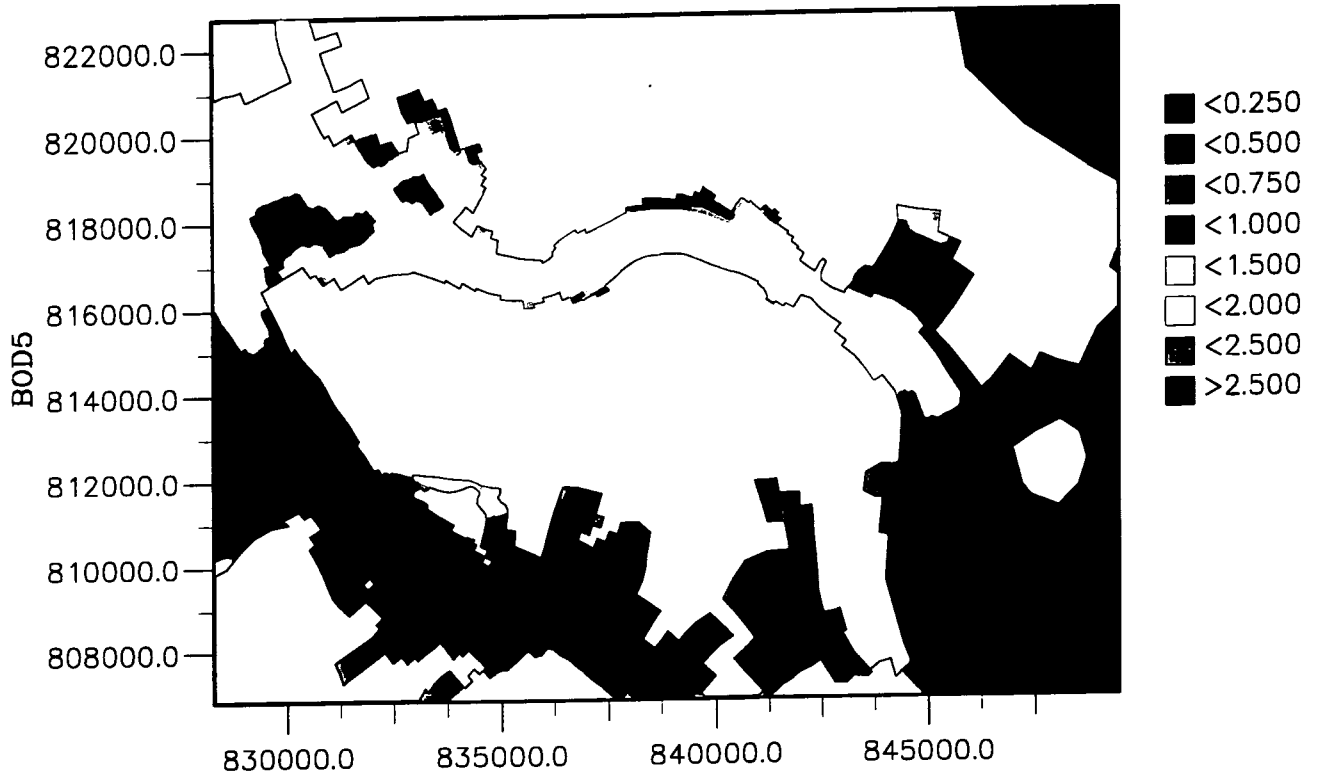


FIGURE 25

SCENARIO: TEST 2 WET SEASON 2012
 BOD5 (mg/l); NEAP/SPRING AVERAGED
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management



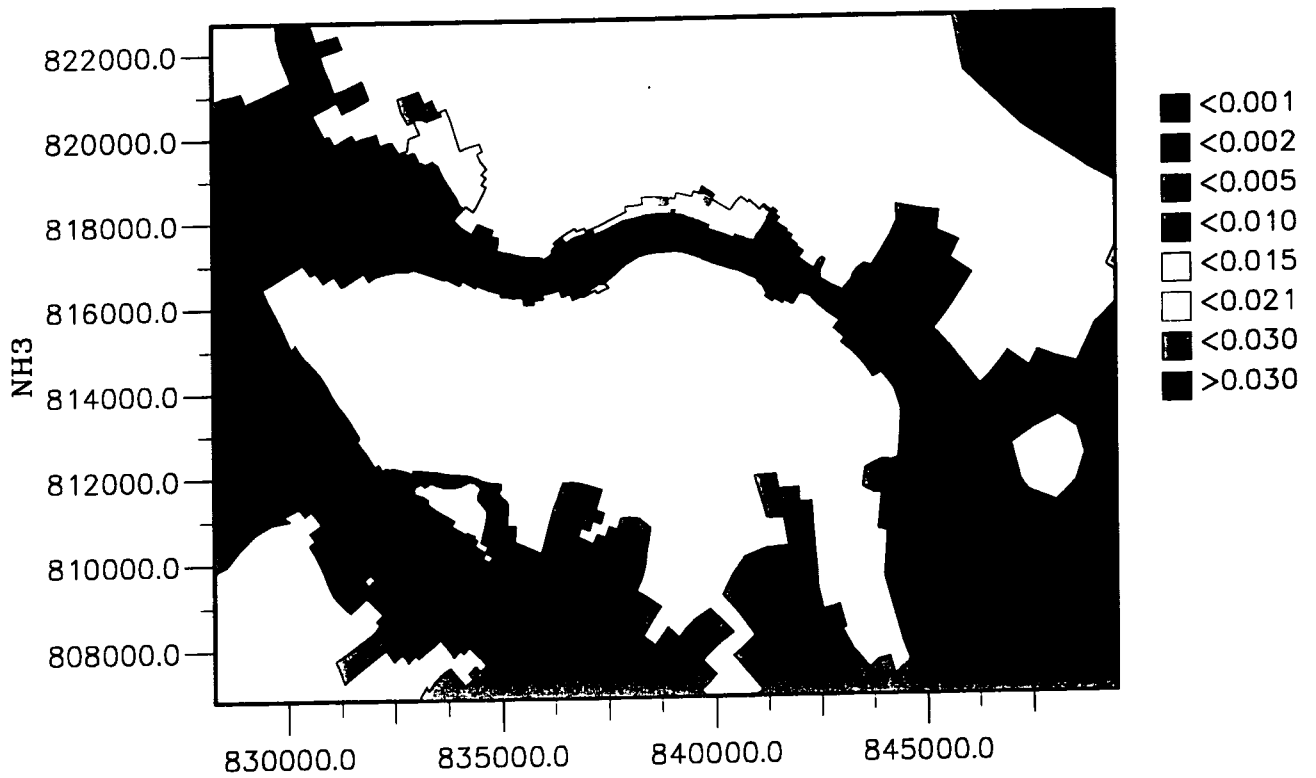
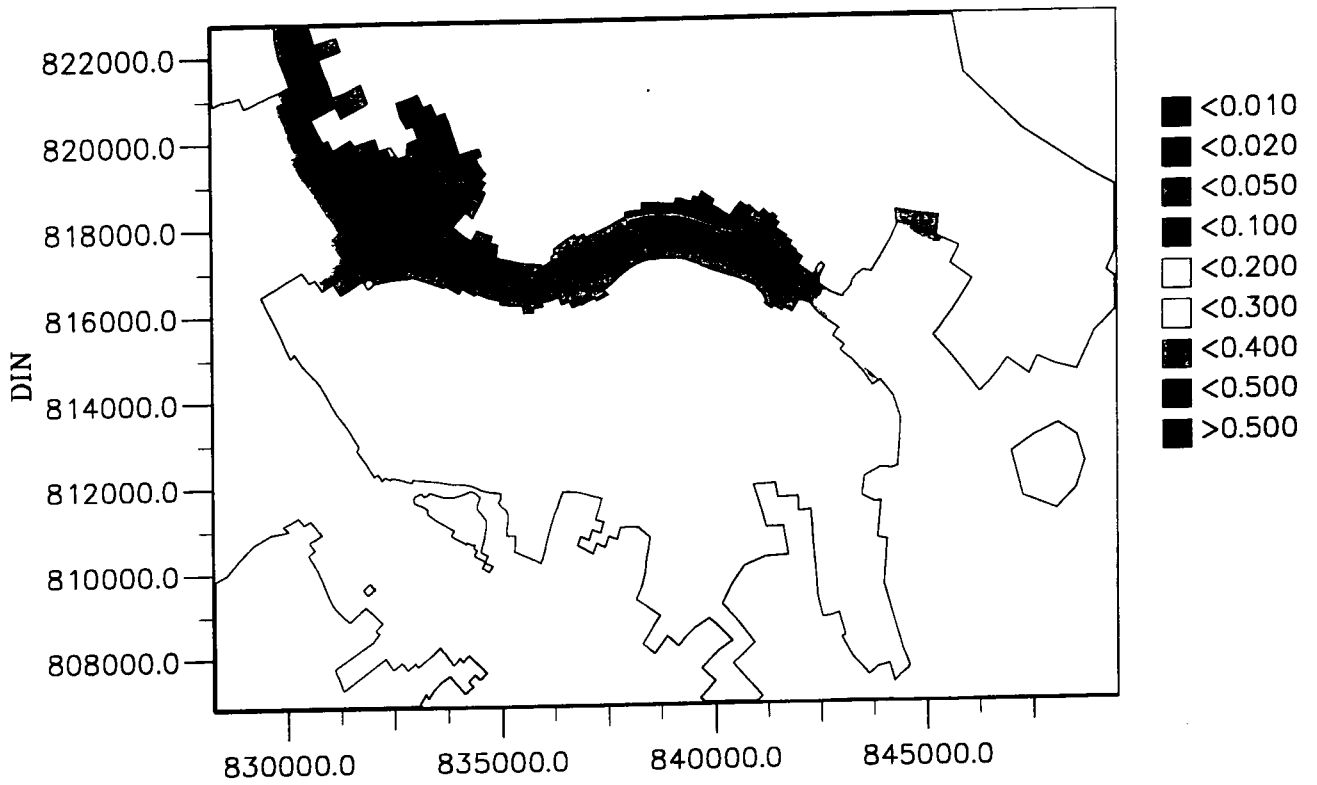


FIGURE 26

SCENARIO: TEST 2 WET SEASON 2012
DEPTH AVERAGED
UPPER: DIS. INORG. N (mgN/l); LOWER: NH3 (mgN/l)

Environmental
Resources
Management



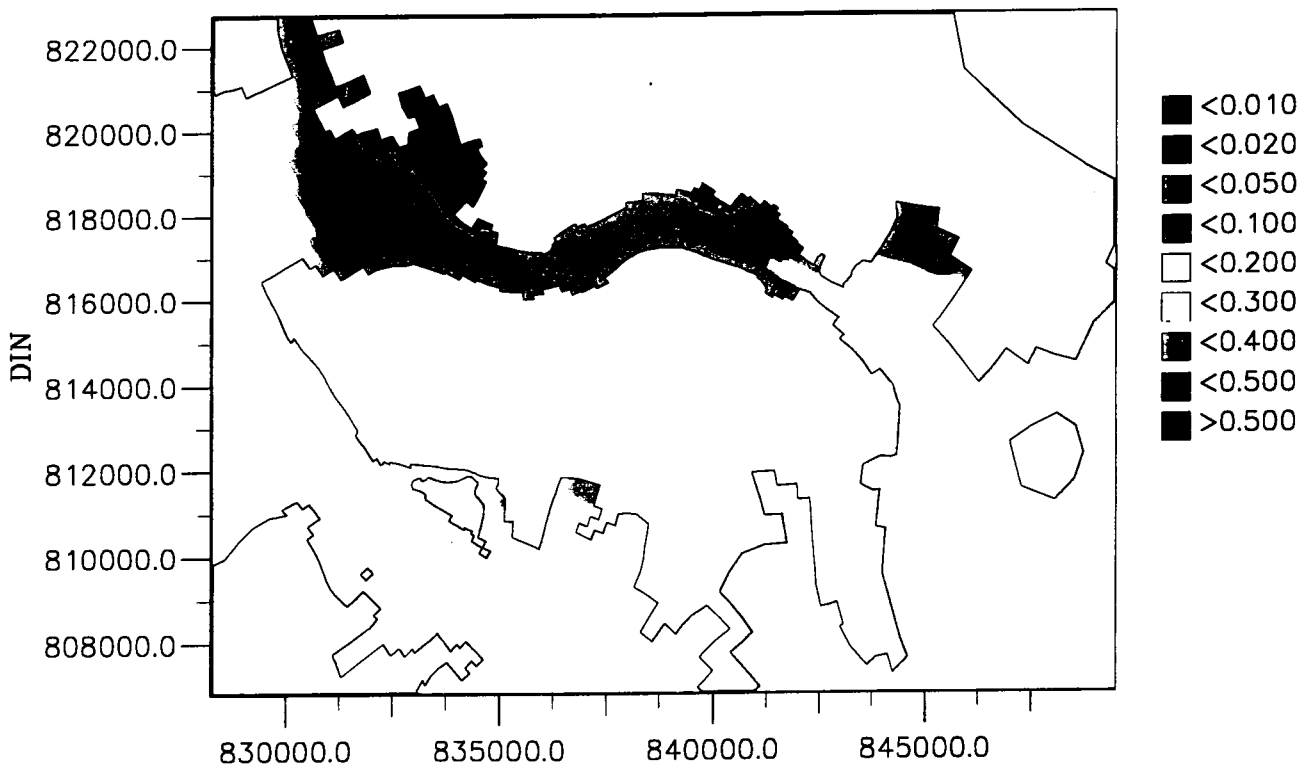
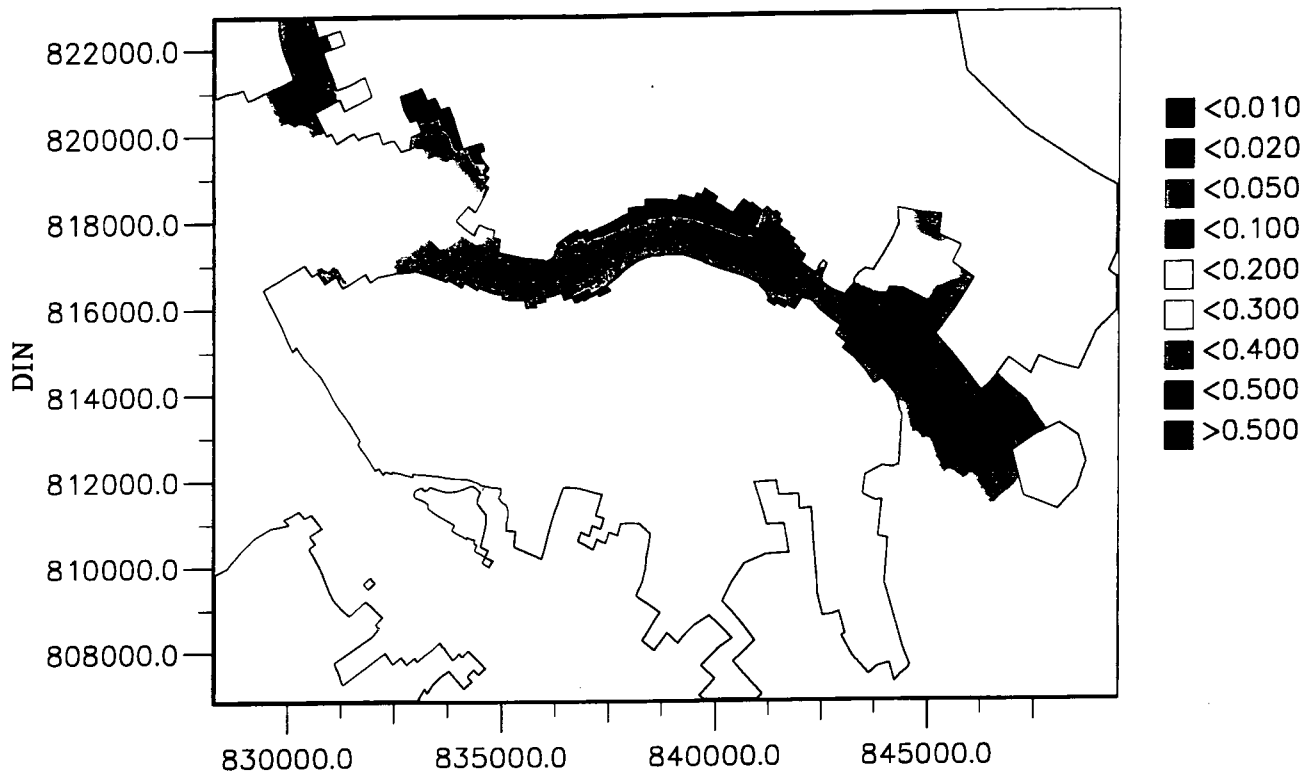


FIGURE 27

SCENARIO: TEST 2 WET SEASON 2012
DISSOLVED INORGANIC NITROGEN (mgN/L)
UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
Resources
Management



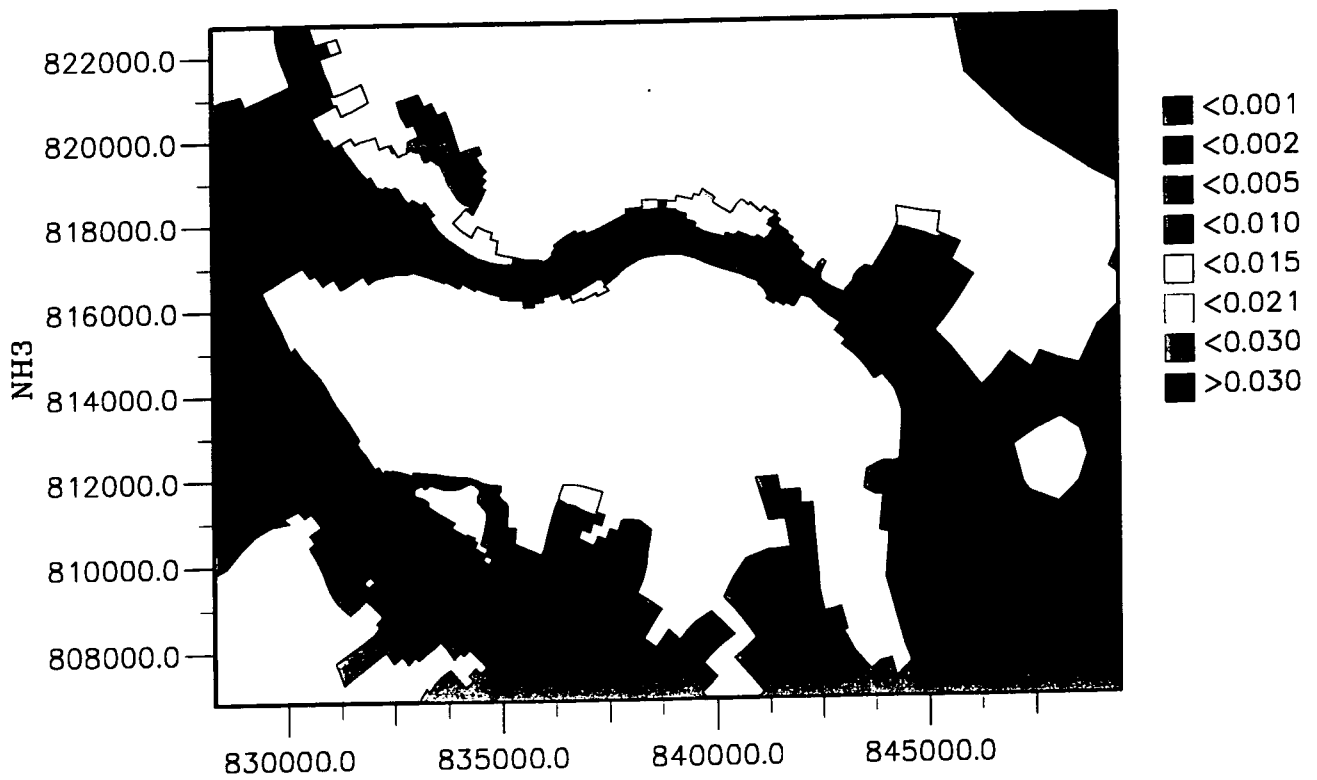
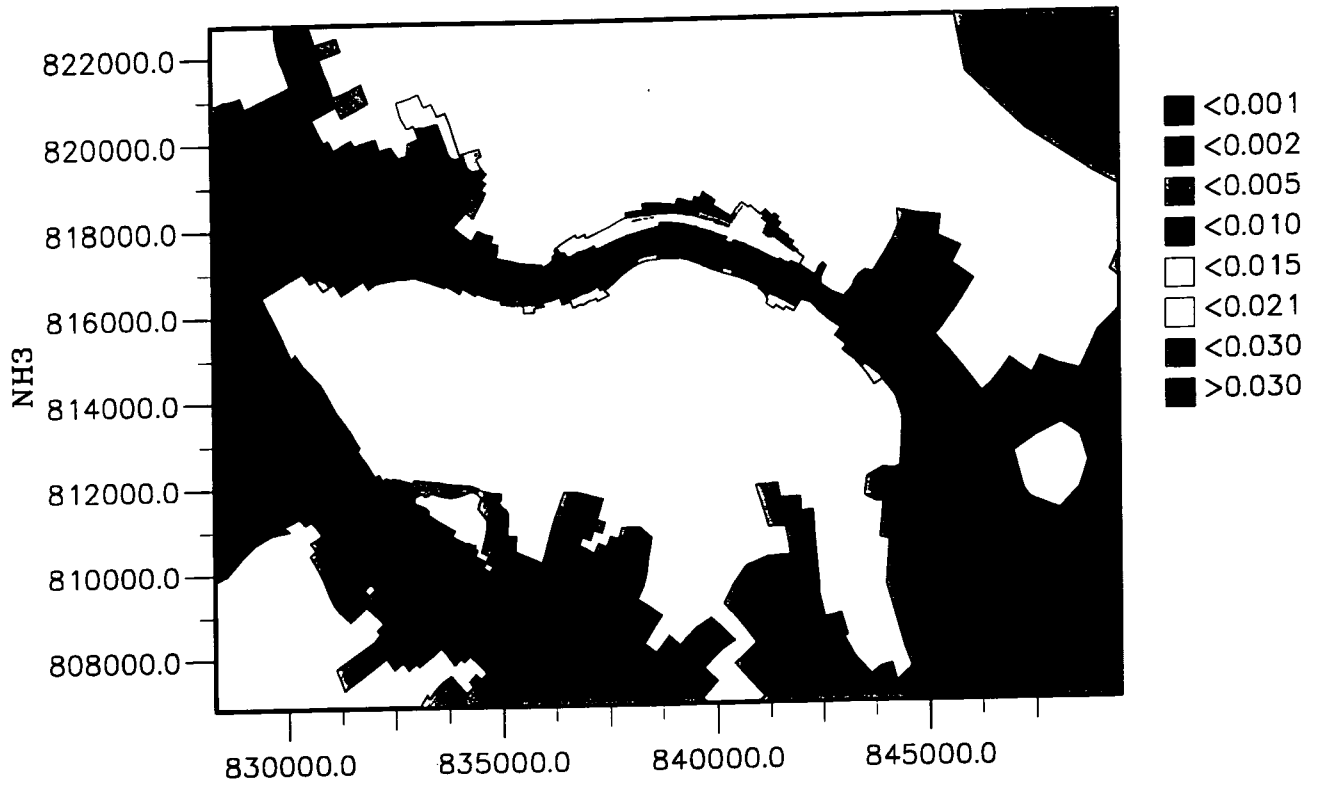


FIGURE 28

SCENARIO: TEST 2 WET SEASON 2012
UNIONISED AMMONIUM (mgN/L); NEAP/SPRING AVERAGED
UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
Resources
Management



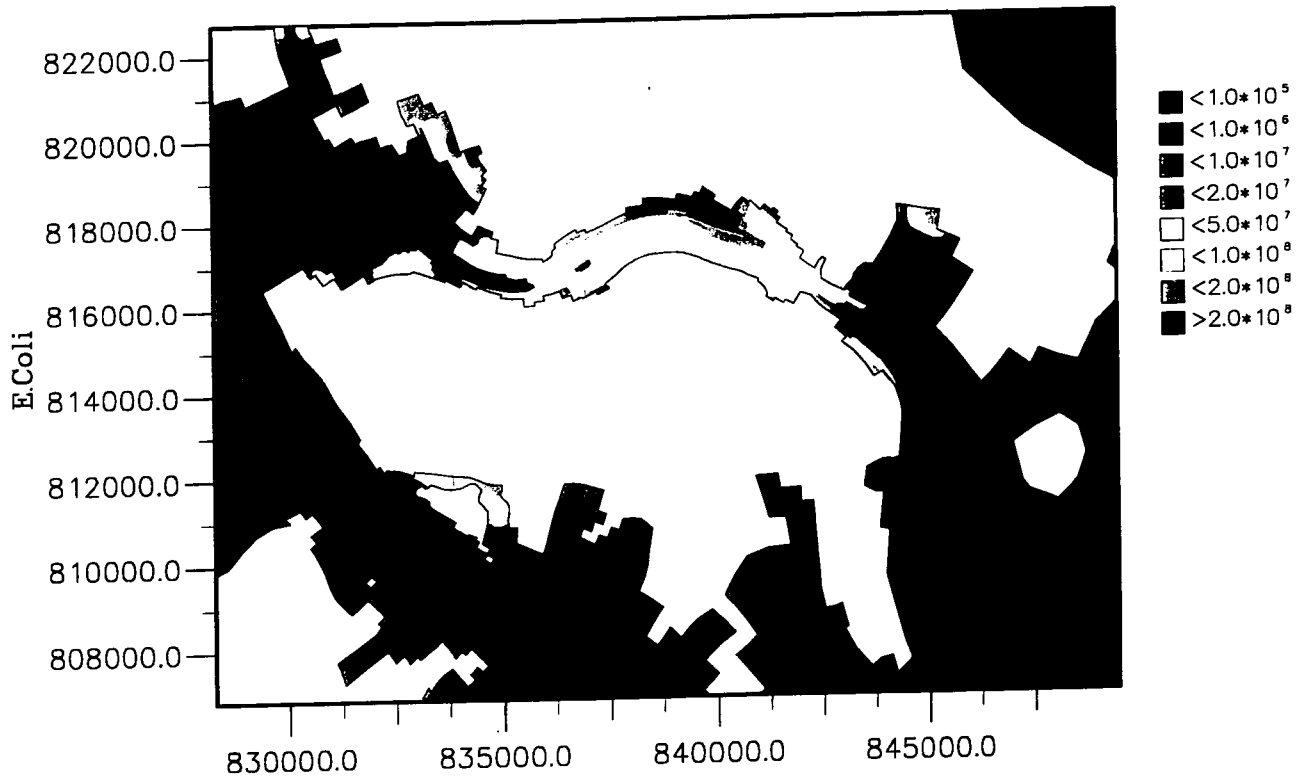
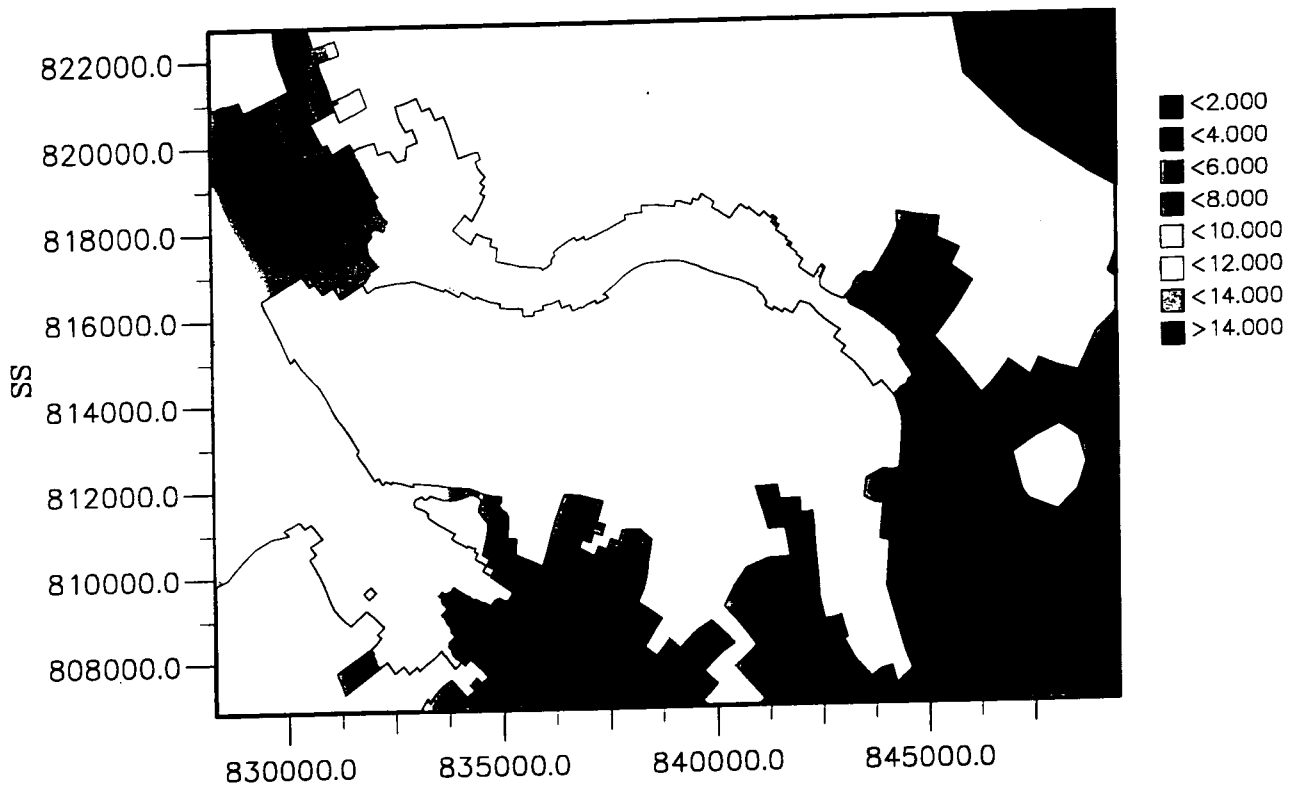


FIGURE 29

SCENARIO: TEST 2 WET SEASON 2012
DEPTH AVERAGED
UPPER: SUSP. SOLIDS (mg/l); LOWER: E. COLI (MPN/m³)

Environmental
Resources
Management



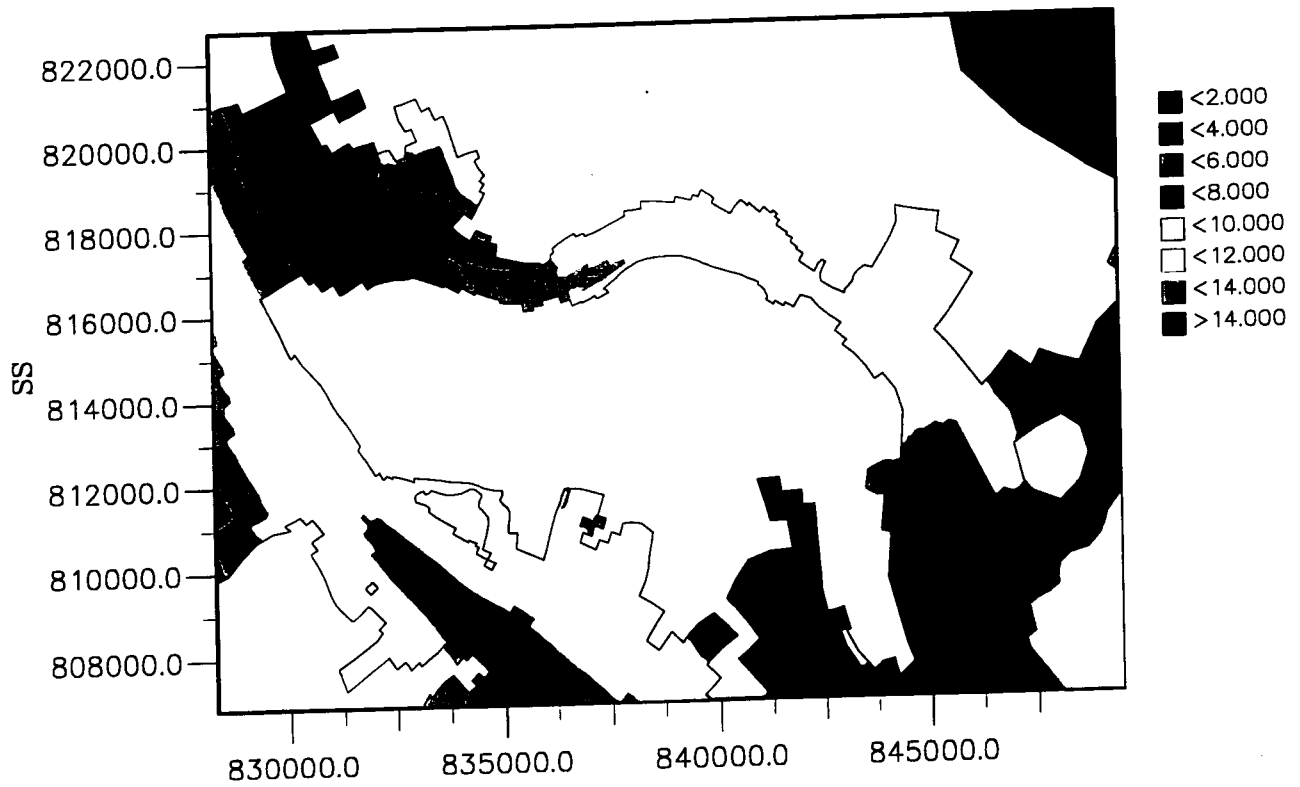
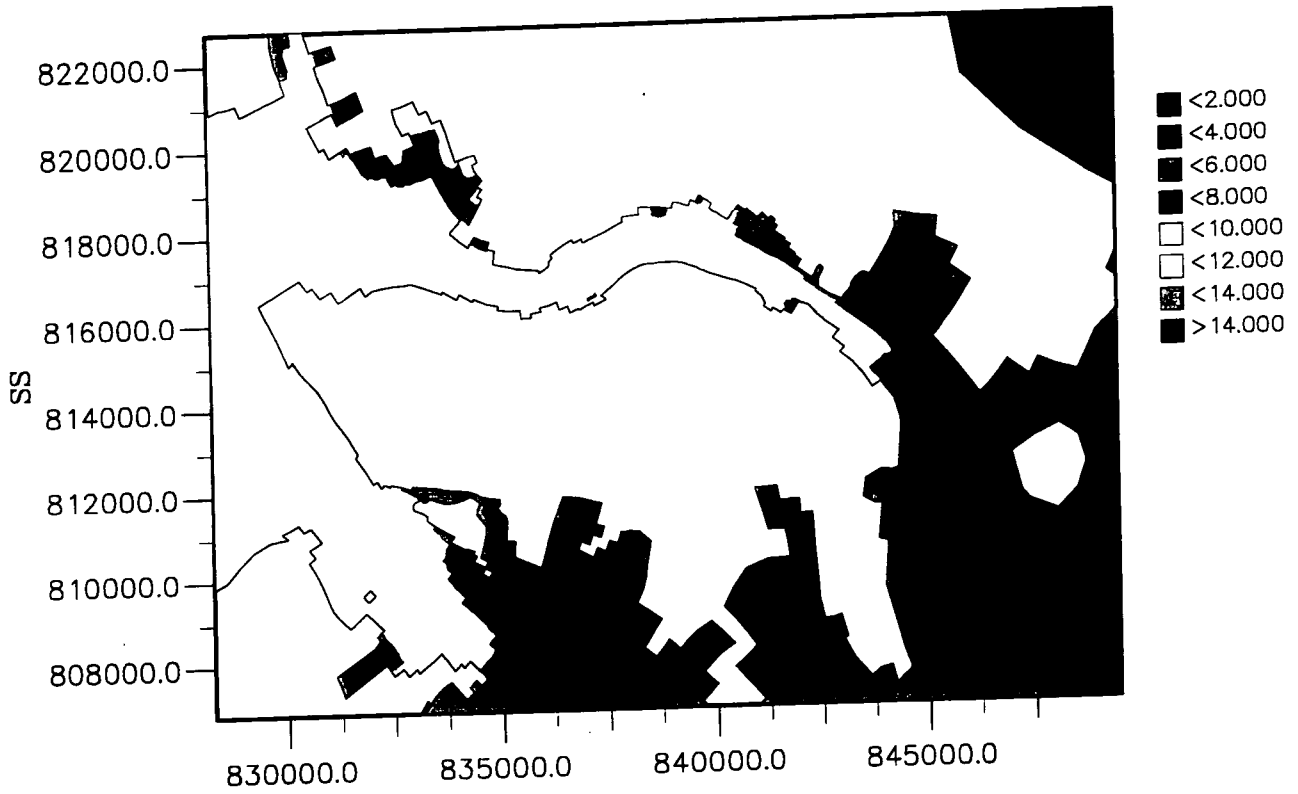


FIGURE 30

SCENARIO: TEST 2 WET SEASON 2012
 SUSPENDED SOLIDS (mg/l); NEAP/SPRING AVERAGED
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management



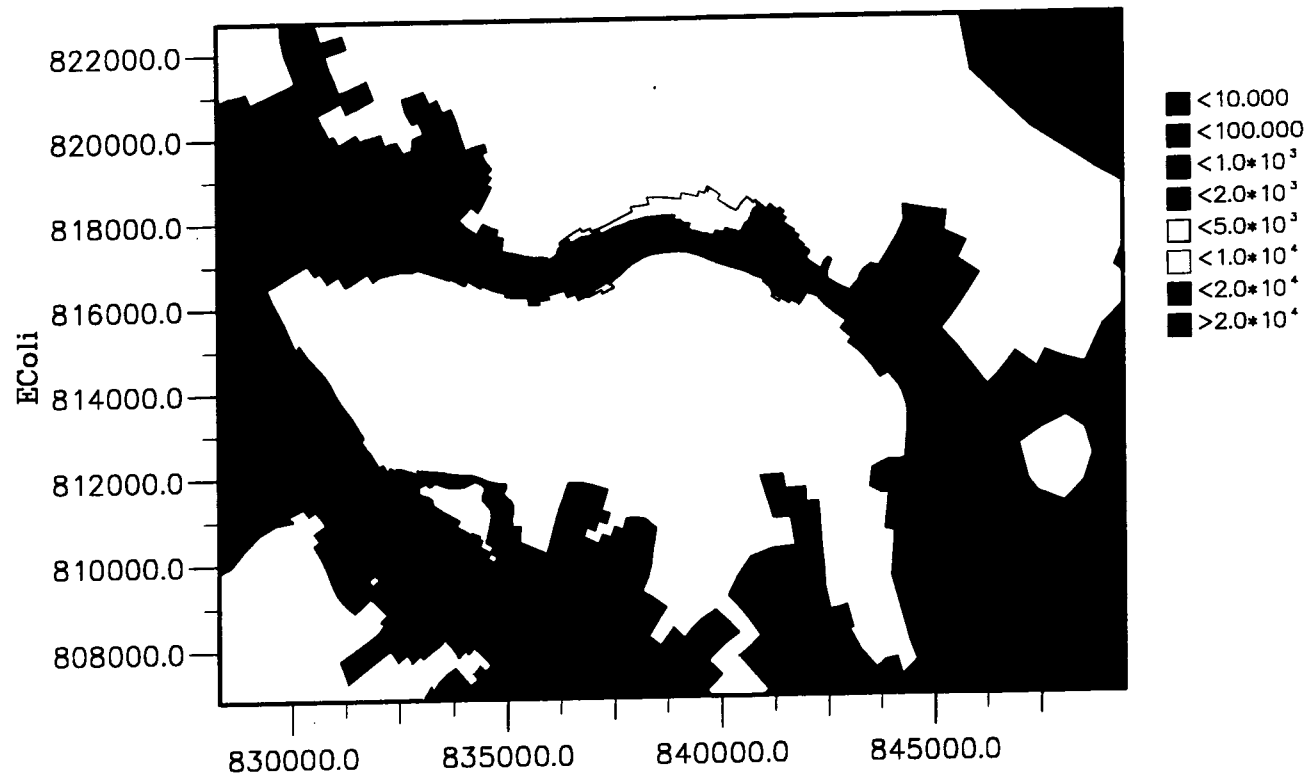
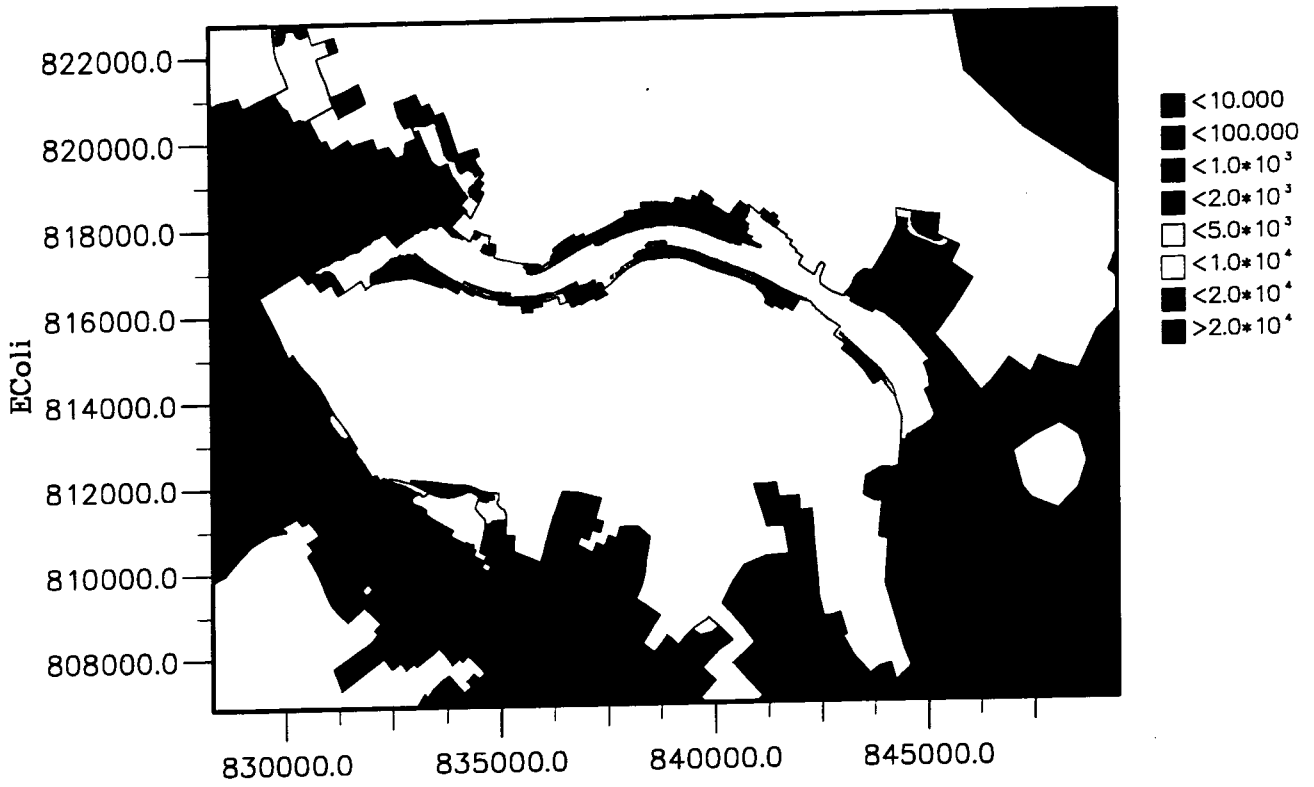


FIGURE 31

SCENARIO: TEST 2 WET SEASON 2012
 E. COLI GEOMETRIC MEAN (MPN/100ml)
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management



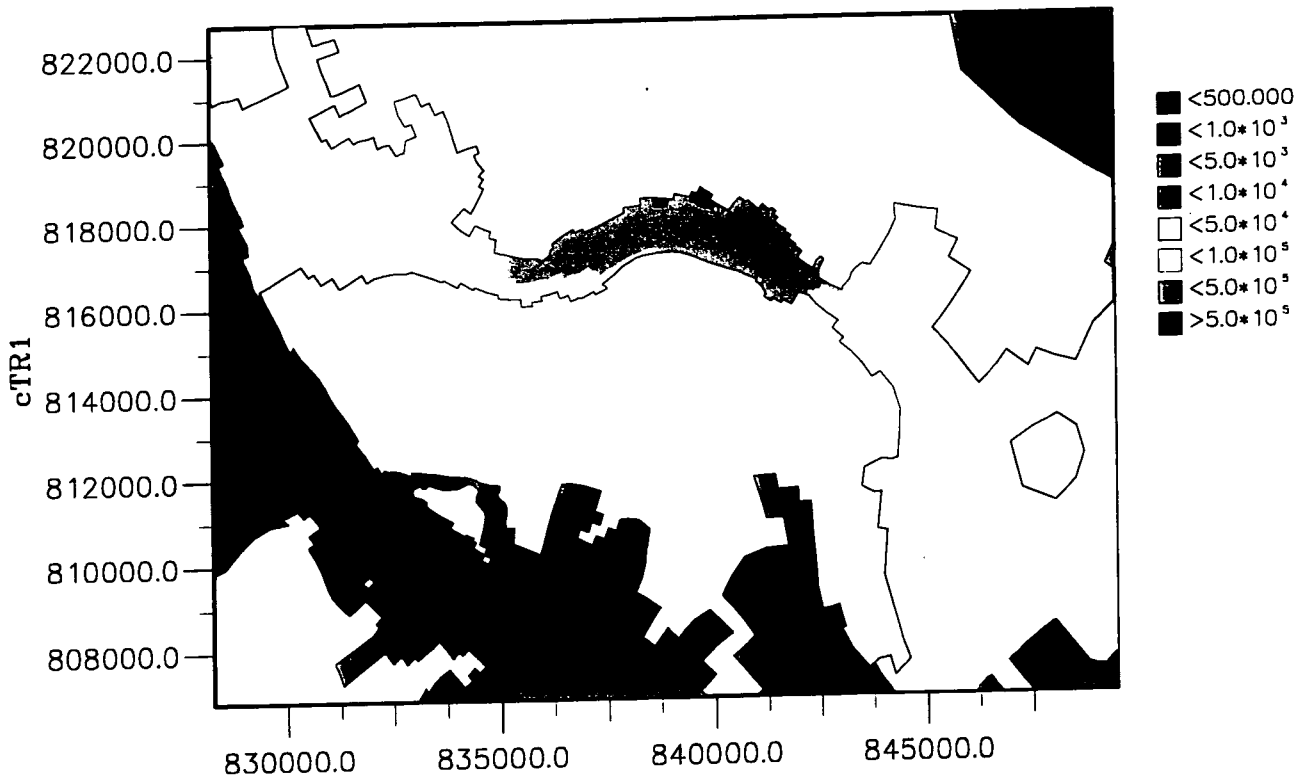
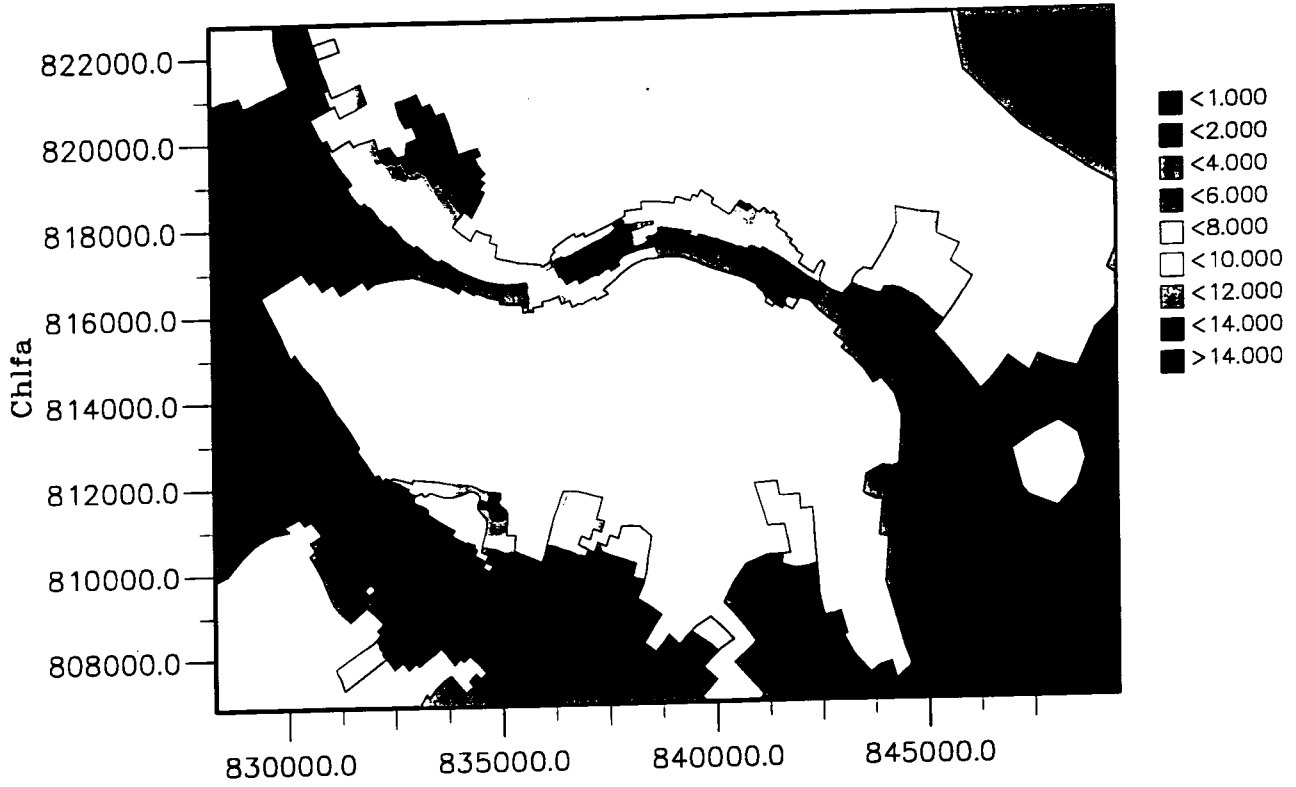


FIGURE 32

SCENARIO: TEST 2 WET SEASON 2012
 DEPTH AVERAGED
 UPPER: CHLOROPHYLL-A (ug/l); LOWER: TRACER (no./m³)

Environmental
 Resources
 Management



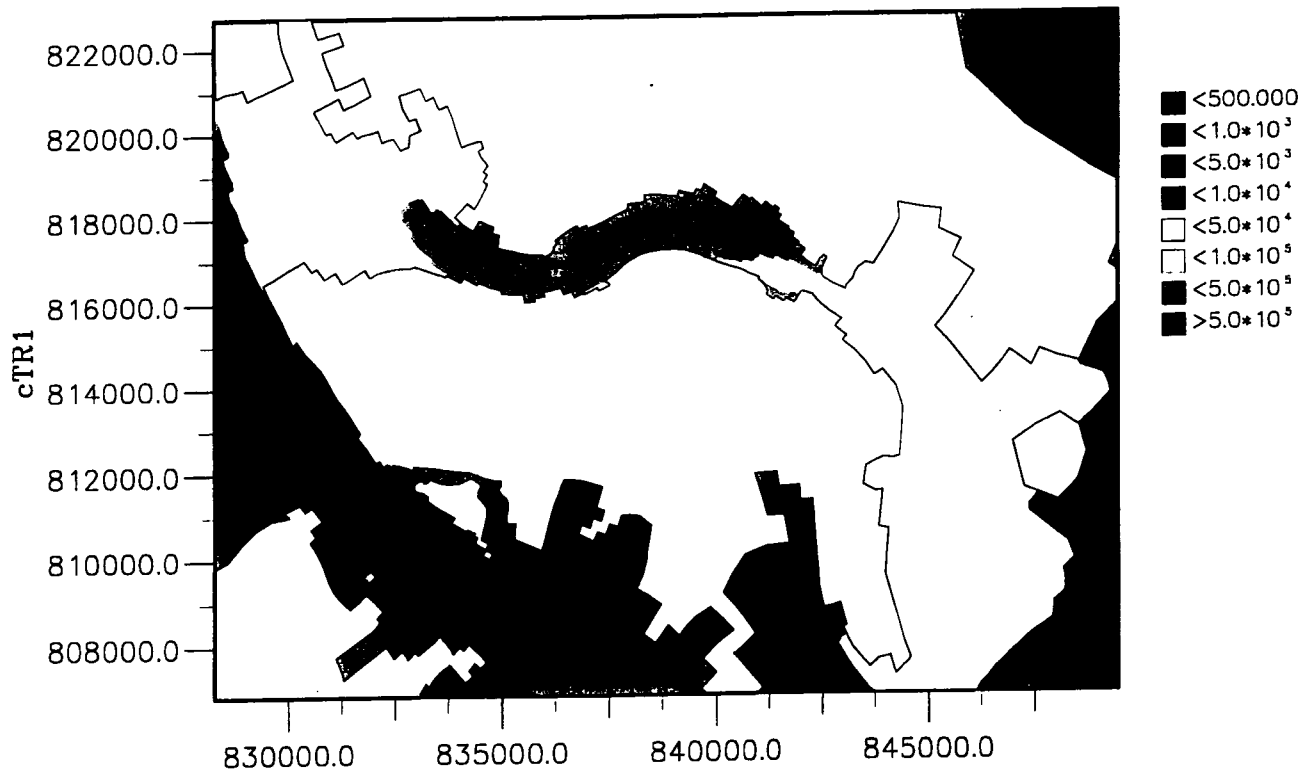
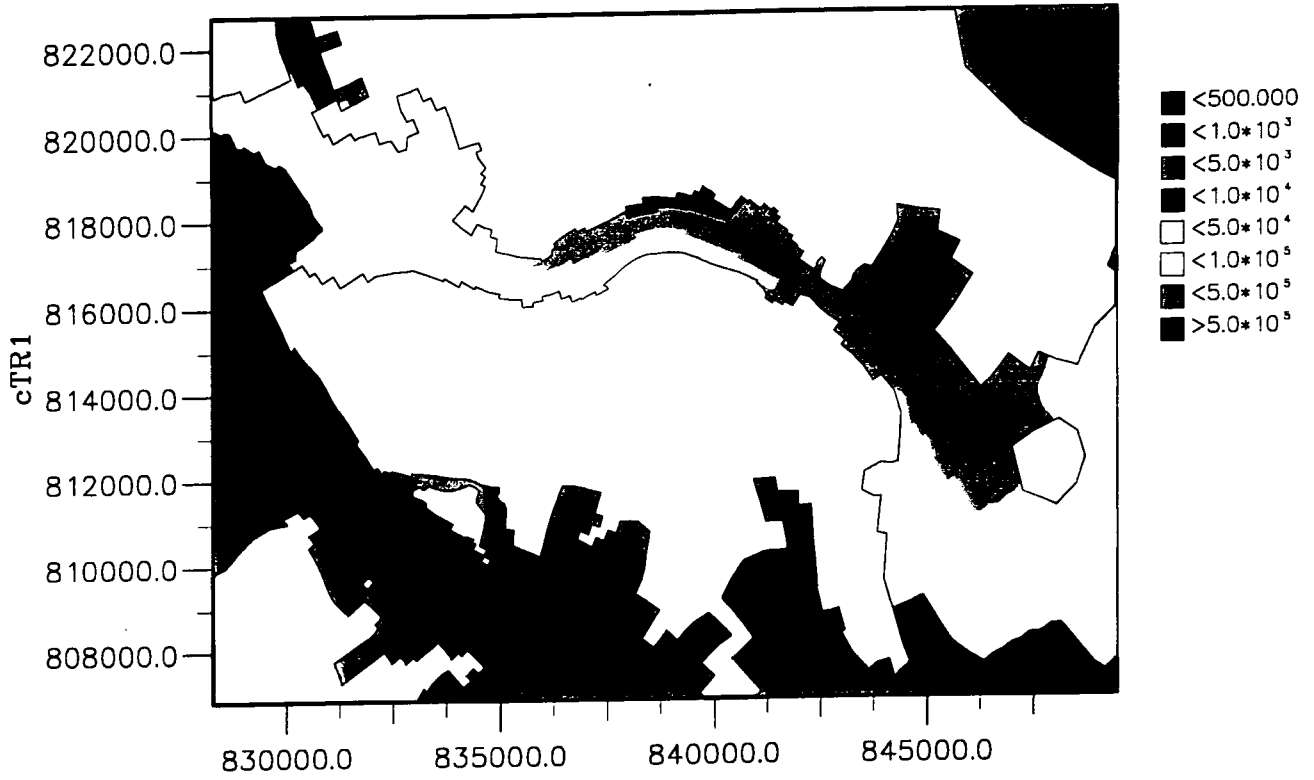


FIGURE 33

SCENARIO: TEST 2 WET SEASON 1997
 TRACER RELEASED AT KAI TAK NULLAH ($8.64e7 \text{ no/m}^3$)
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management



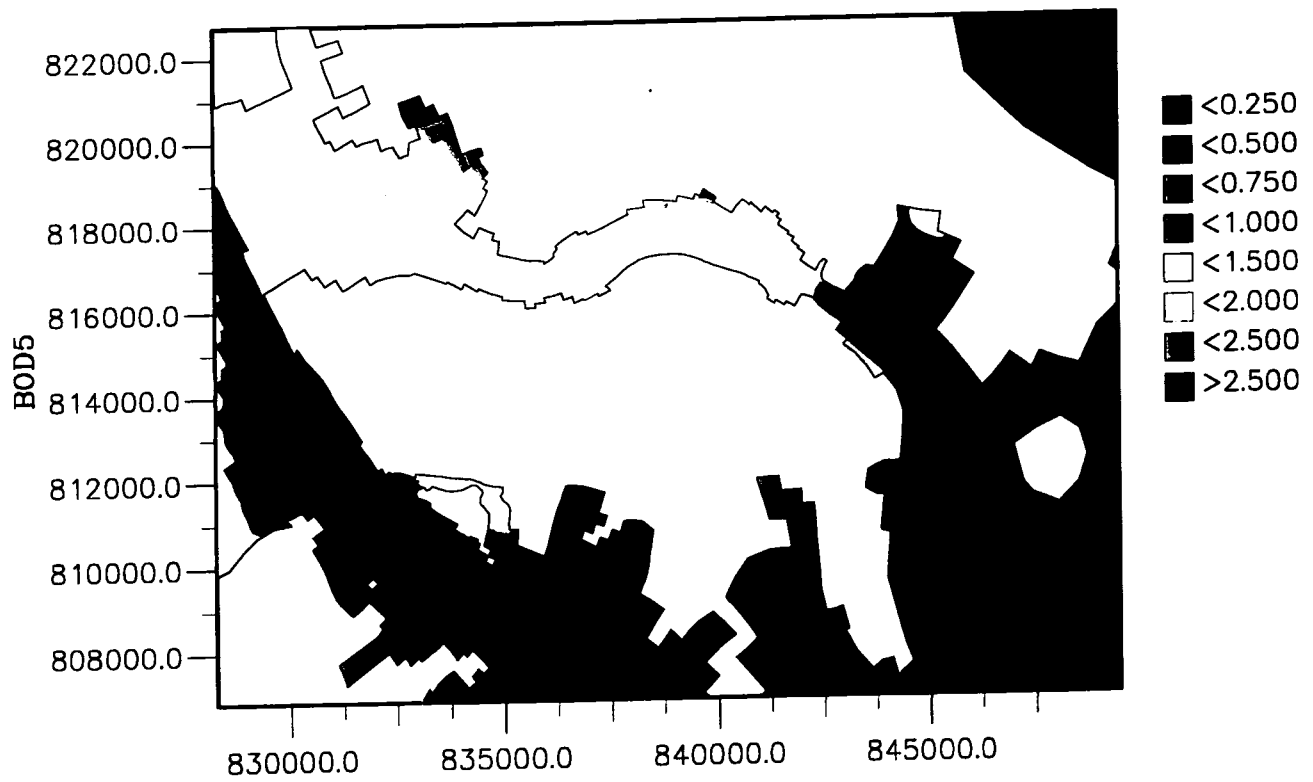
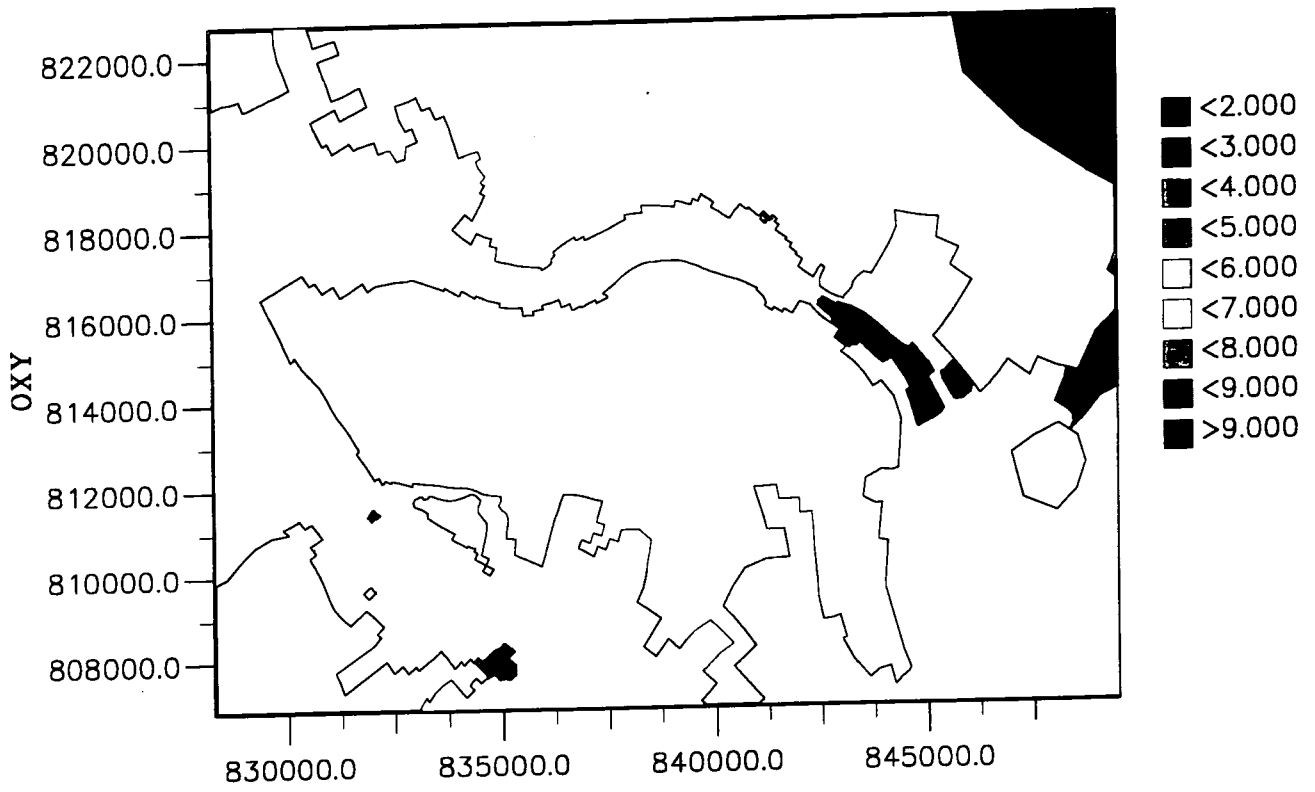


FIGURE 34

SCENARIO: TEST 3 WET SEASON 2012
DEPTH AVERAGED
UPPER: OXYGEN (mg/l); LOWER: BOD5 (mg/l)

Environmental
Resources
Management



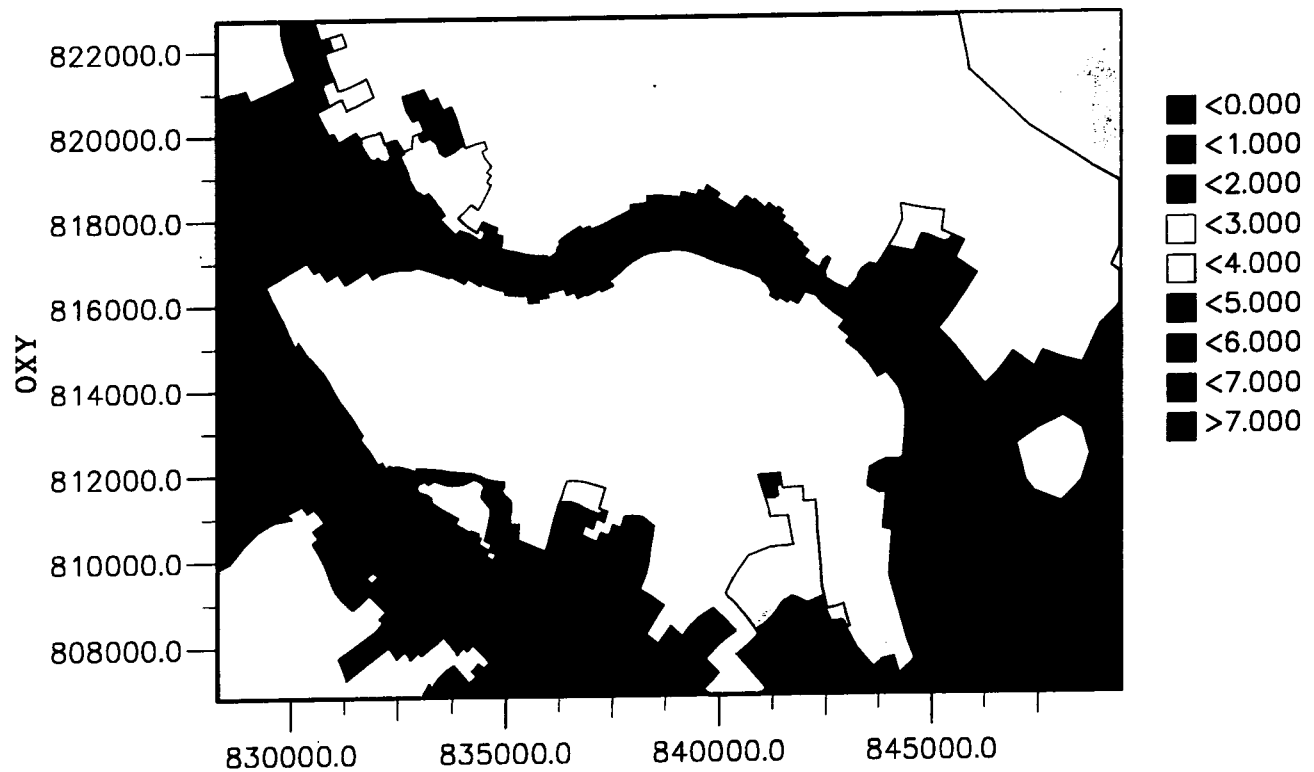
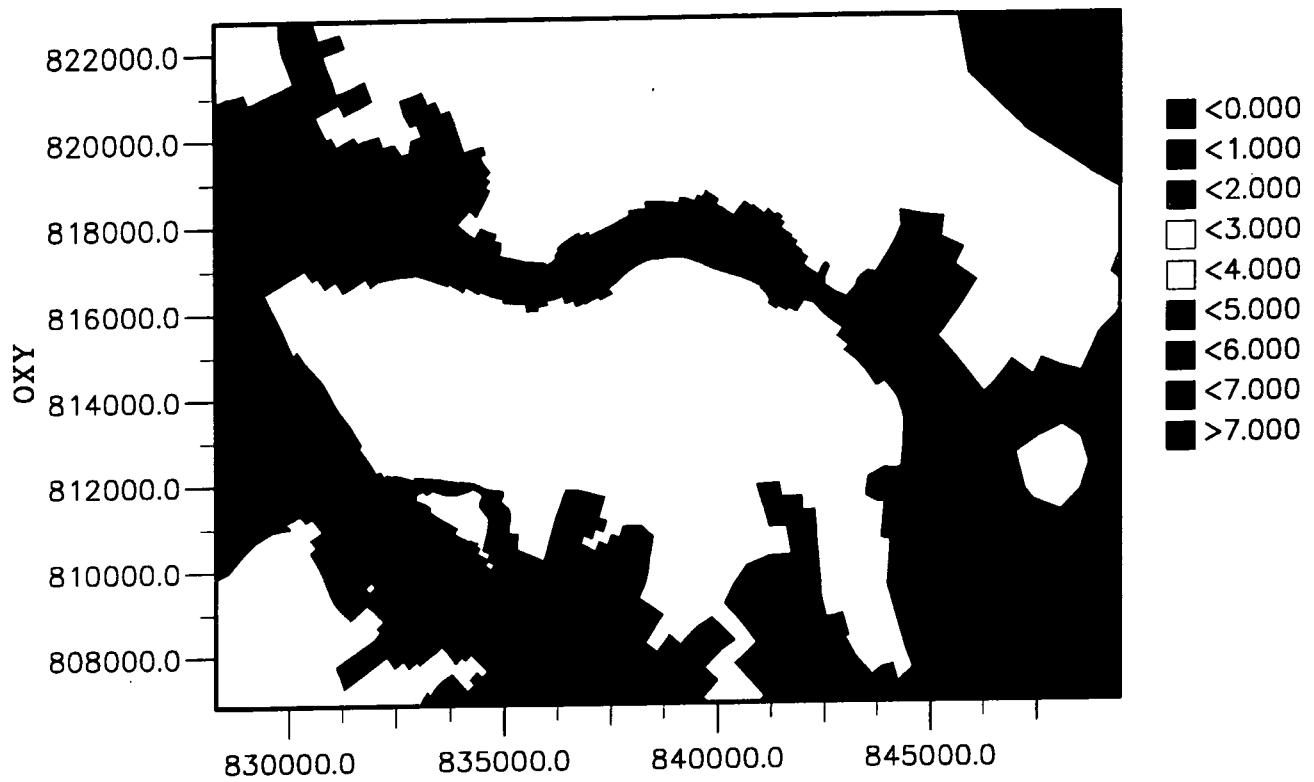


FIGURE 35

SCENARIO: TEST 3 WET SEASON 2012
 MINIMUM OXYGEN CONCENTRATION (mg/l)
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management



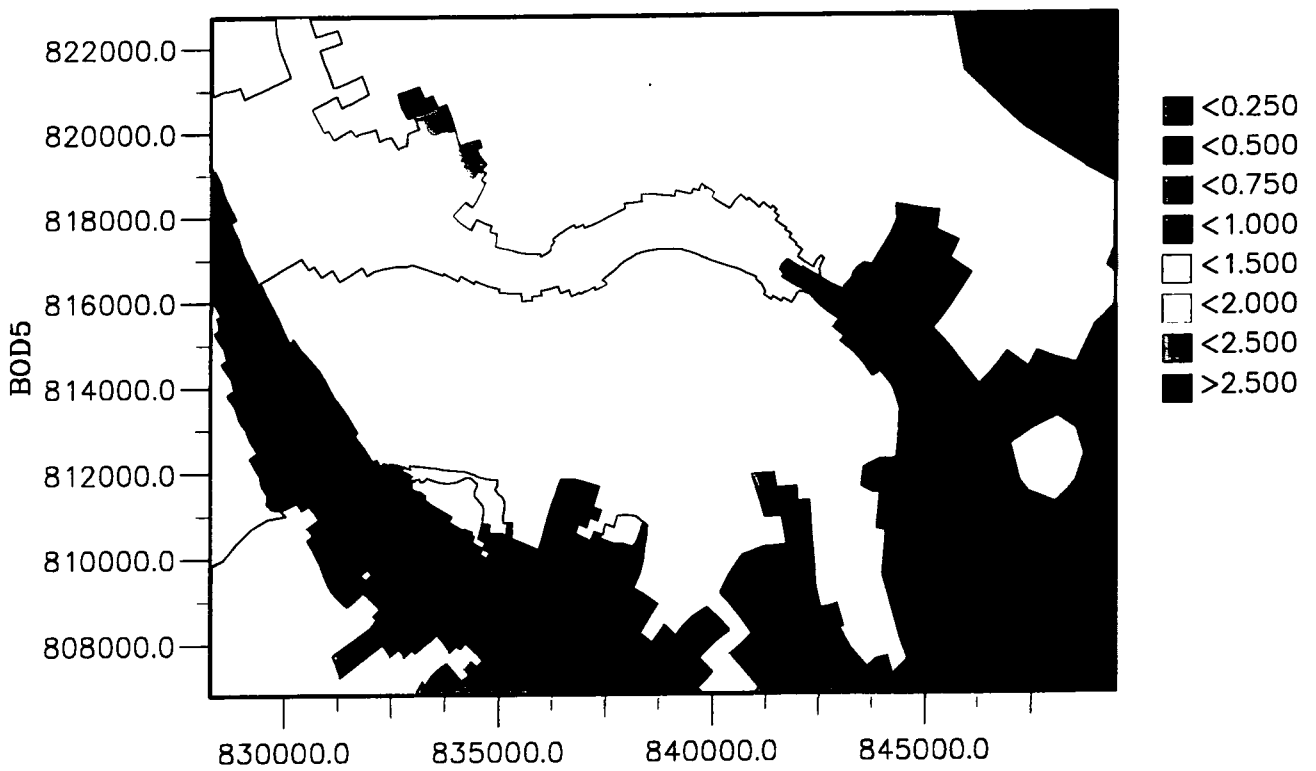
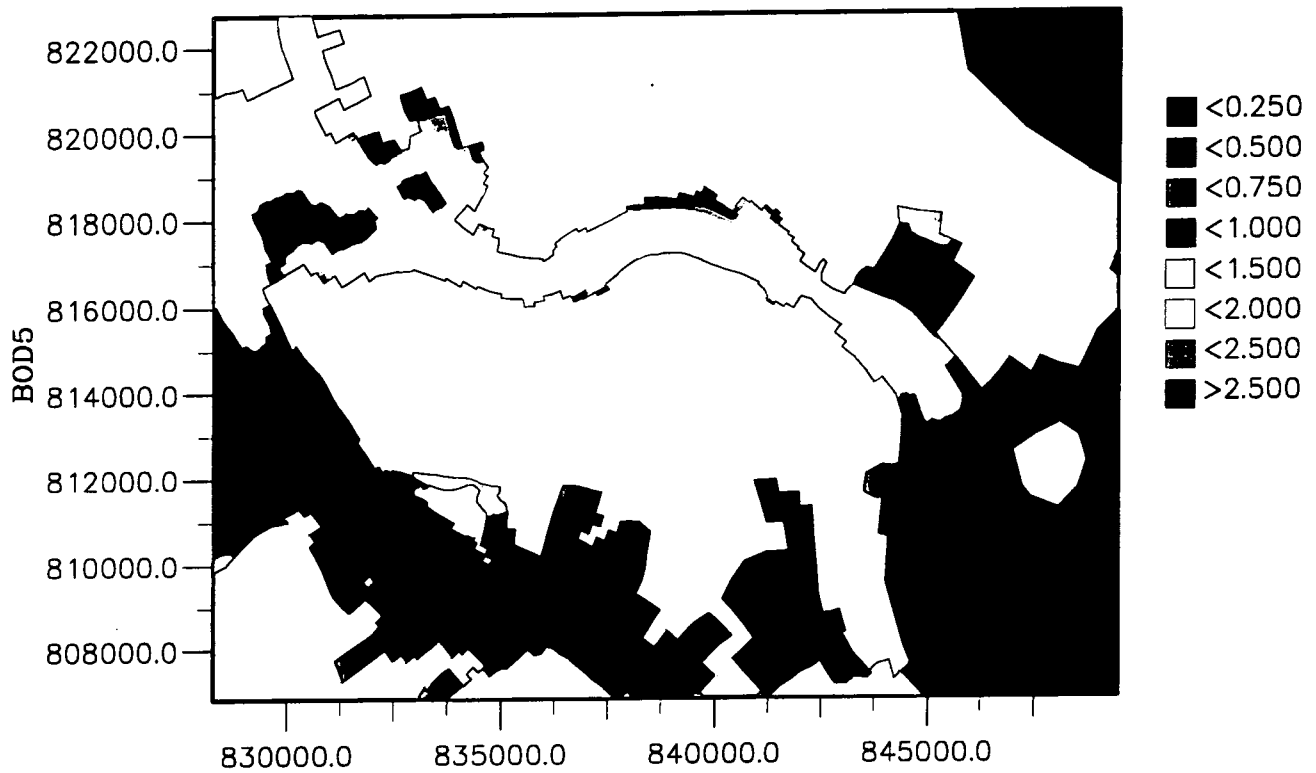


FIGURE 36

SCENARIO: TEST 3 WET SEASON 2012
 BOD5 (mg/l); NEAP/SPRING AVERAGED
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management



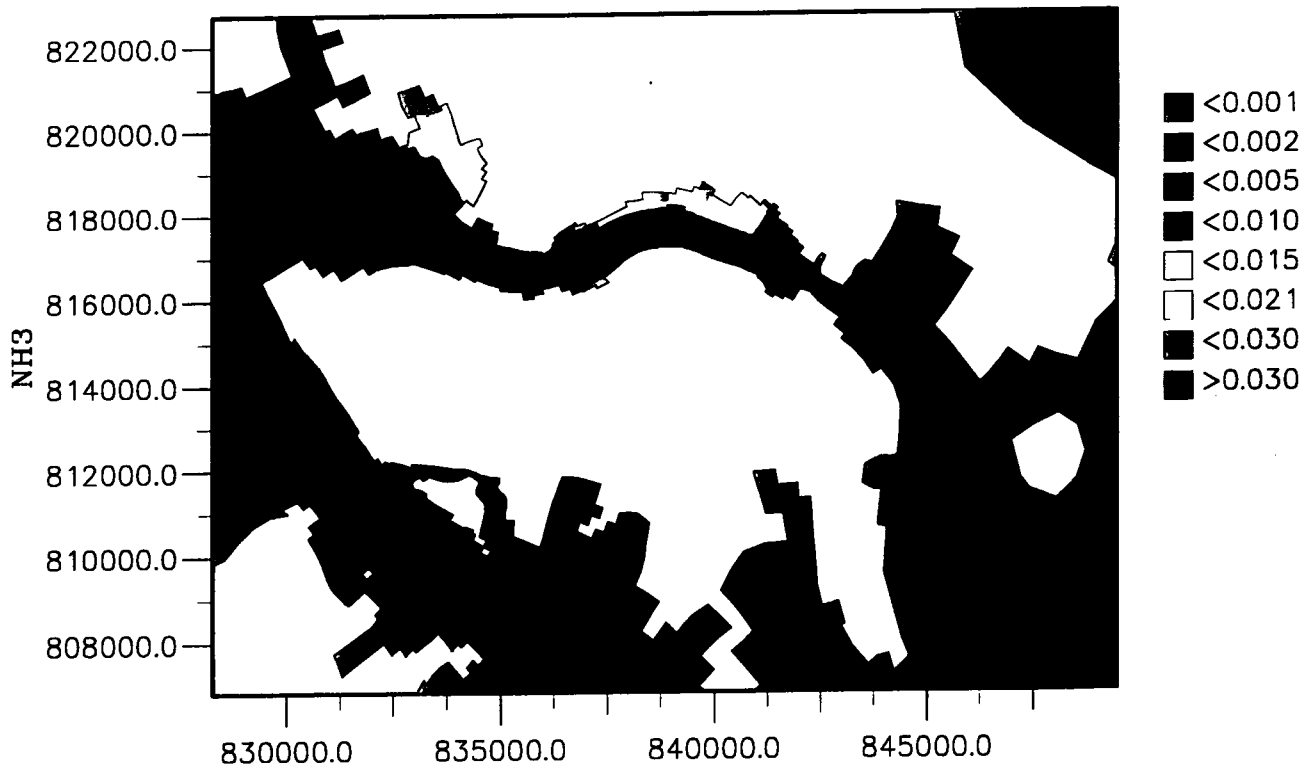
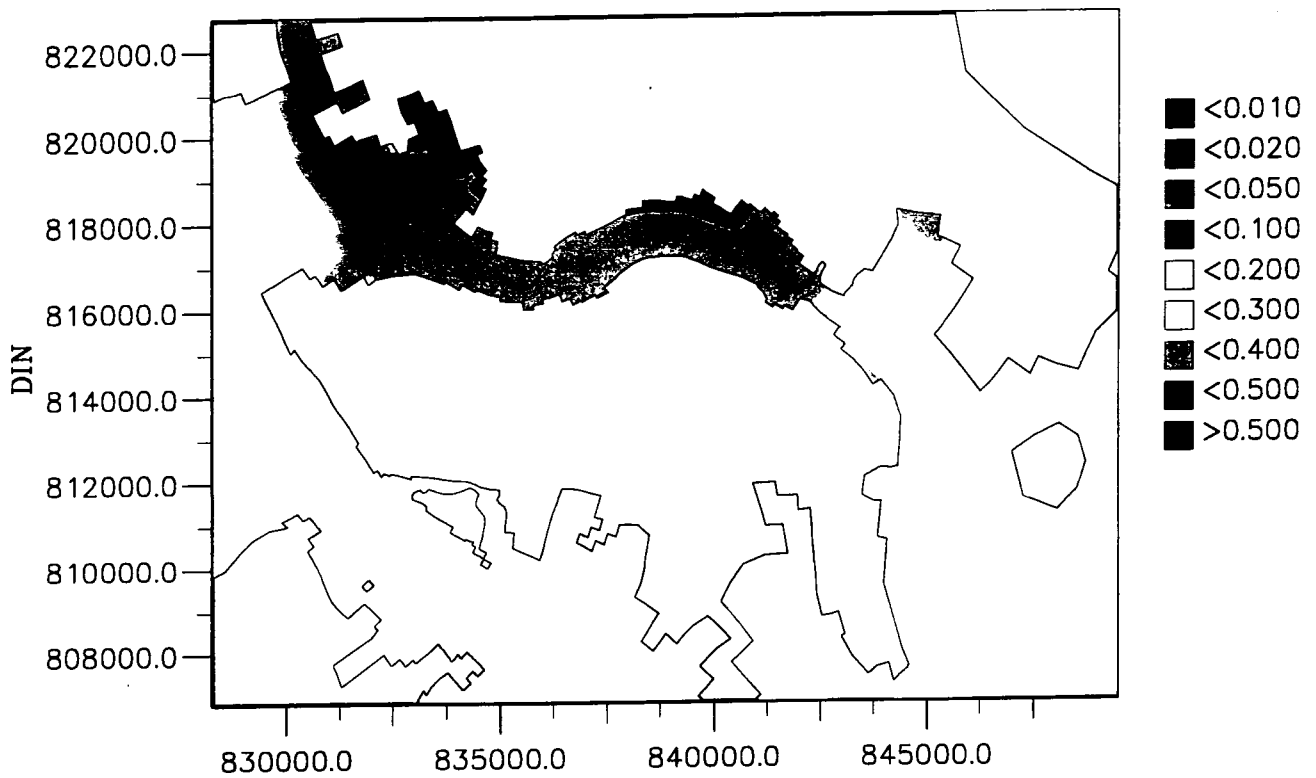


FIGURE 37

SCENARIO: TEST 3 WET SEASON 2012
DEPTH AVERAGED
UPPER: DIS. INORG N (mgN/l); LOWER: NH3 (mgN/l)

Environmental
Resources
Management



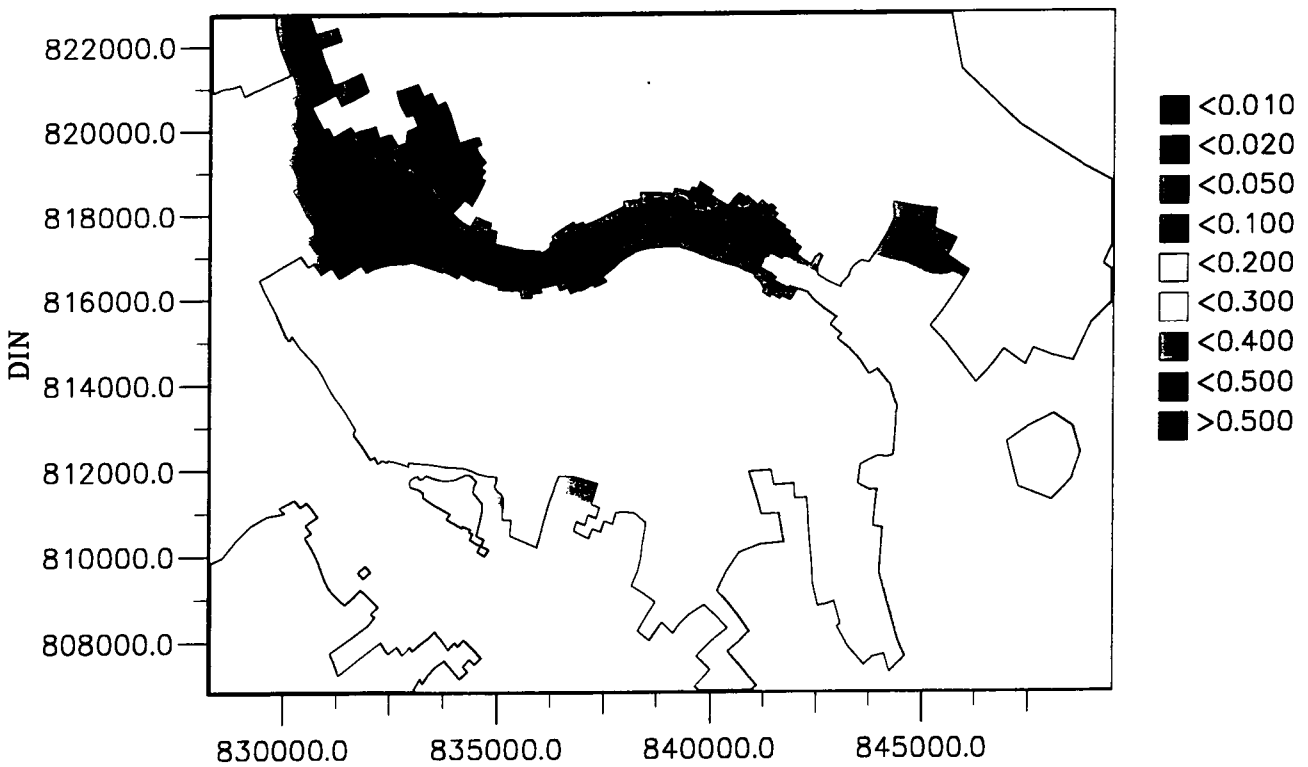
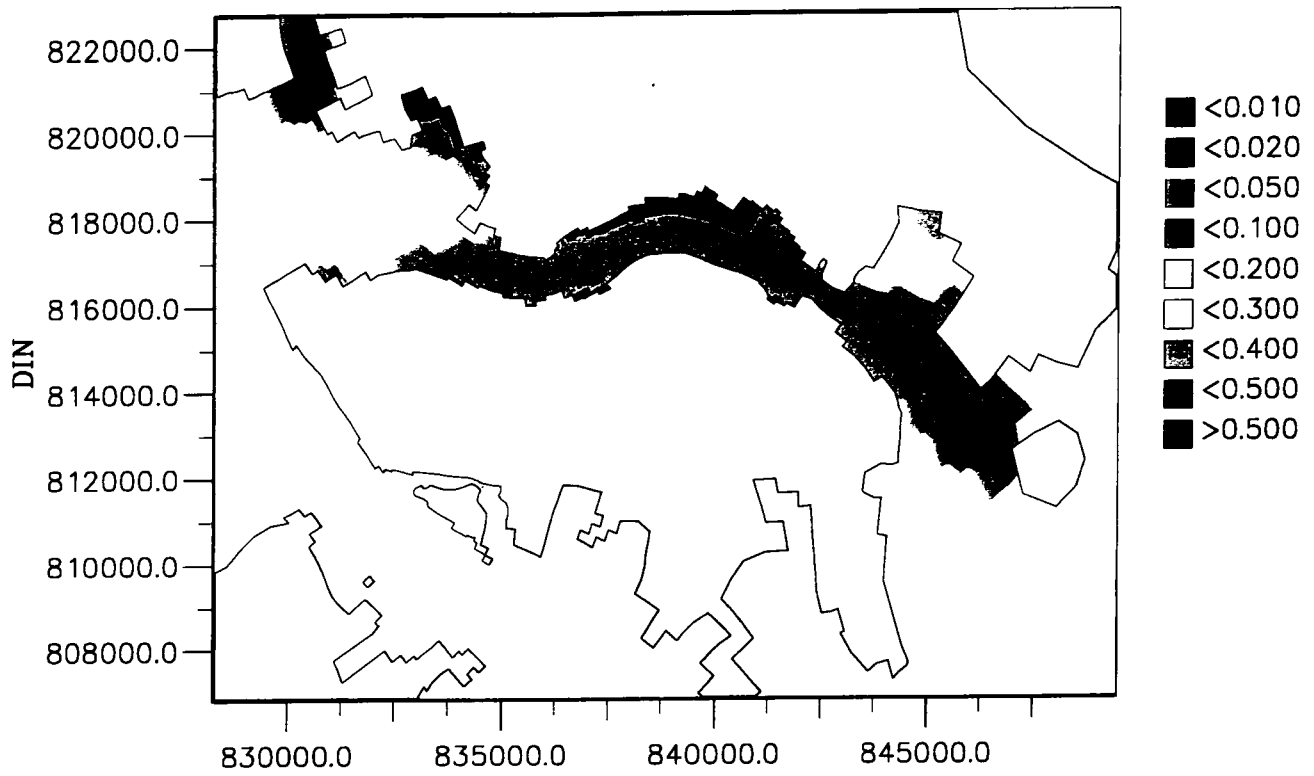


FIGURE 38

SCENARIO: TEST 3 WET SEASON 2012
DISSOLVED INORGANIC NITROGEN (mg/l)
UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
Resources
Management



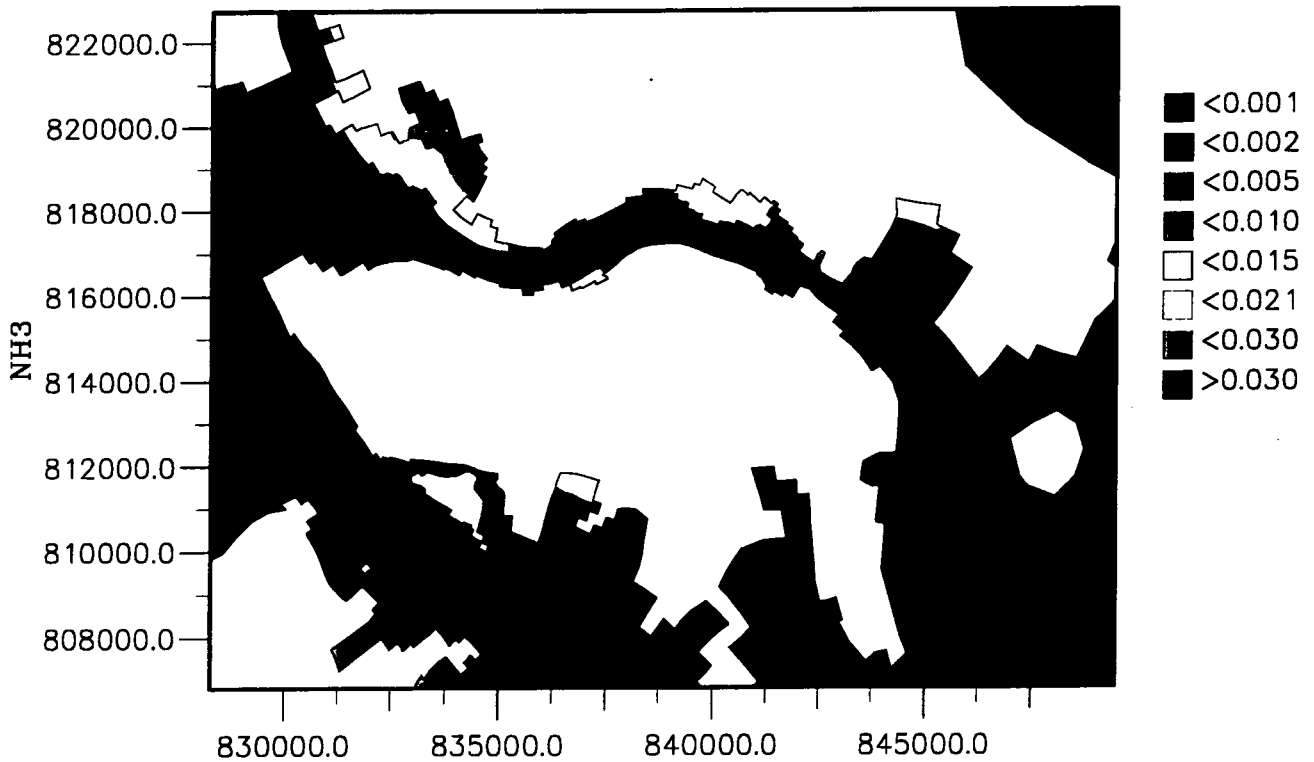
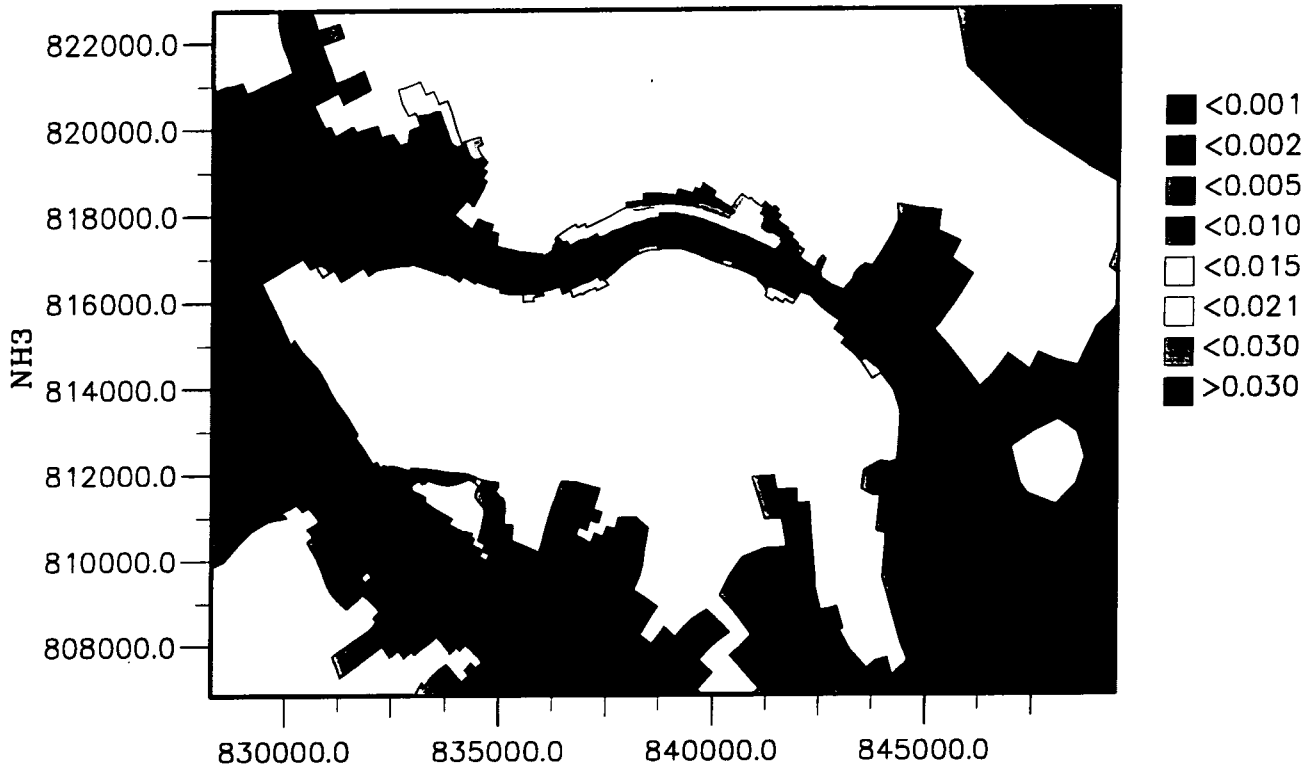


FIGURE 39

SCENARIO: TEST 3 WET SEASON 2012
 UNIONISED AMMONIUM (mgN/l); NEAP/SPRING AVERAGED
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management



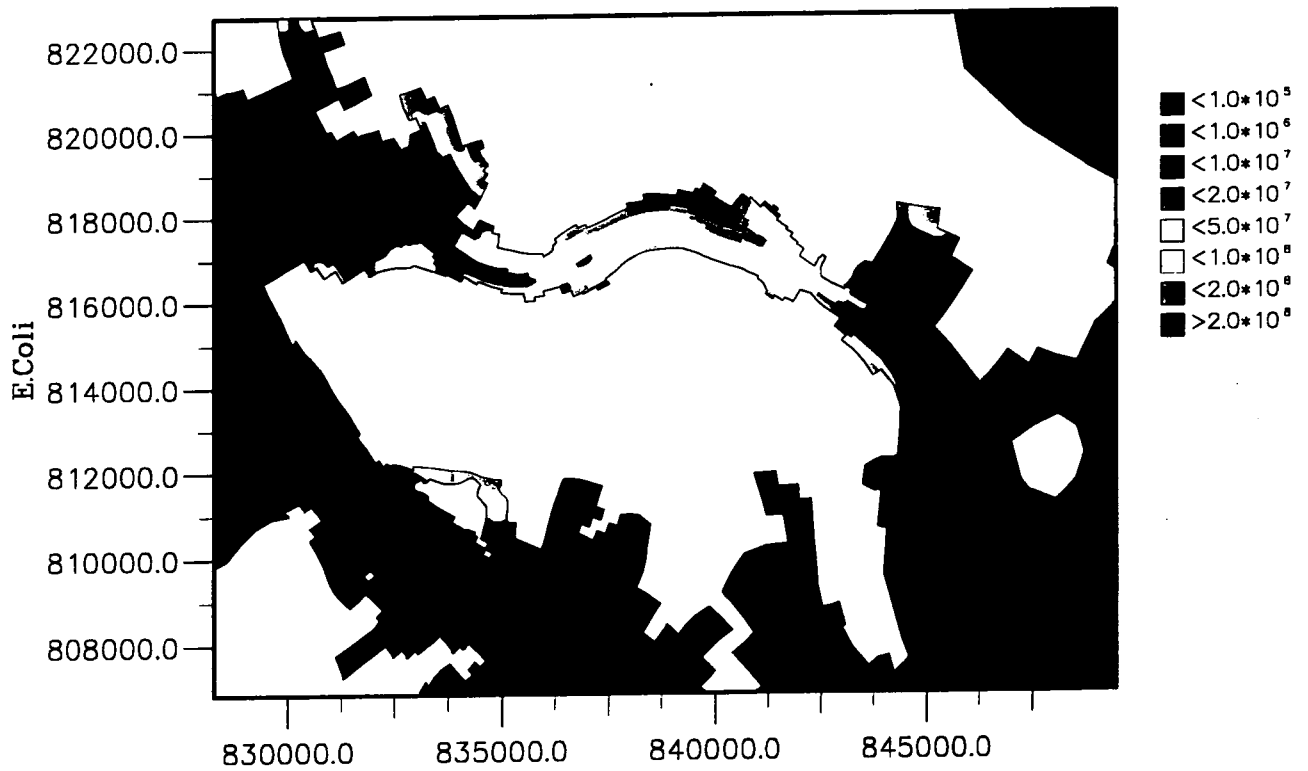
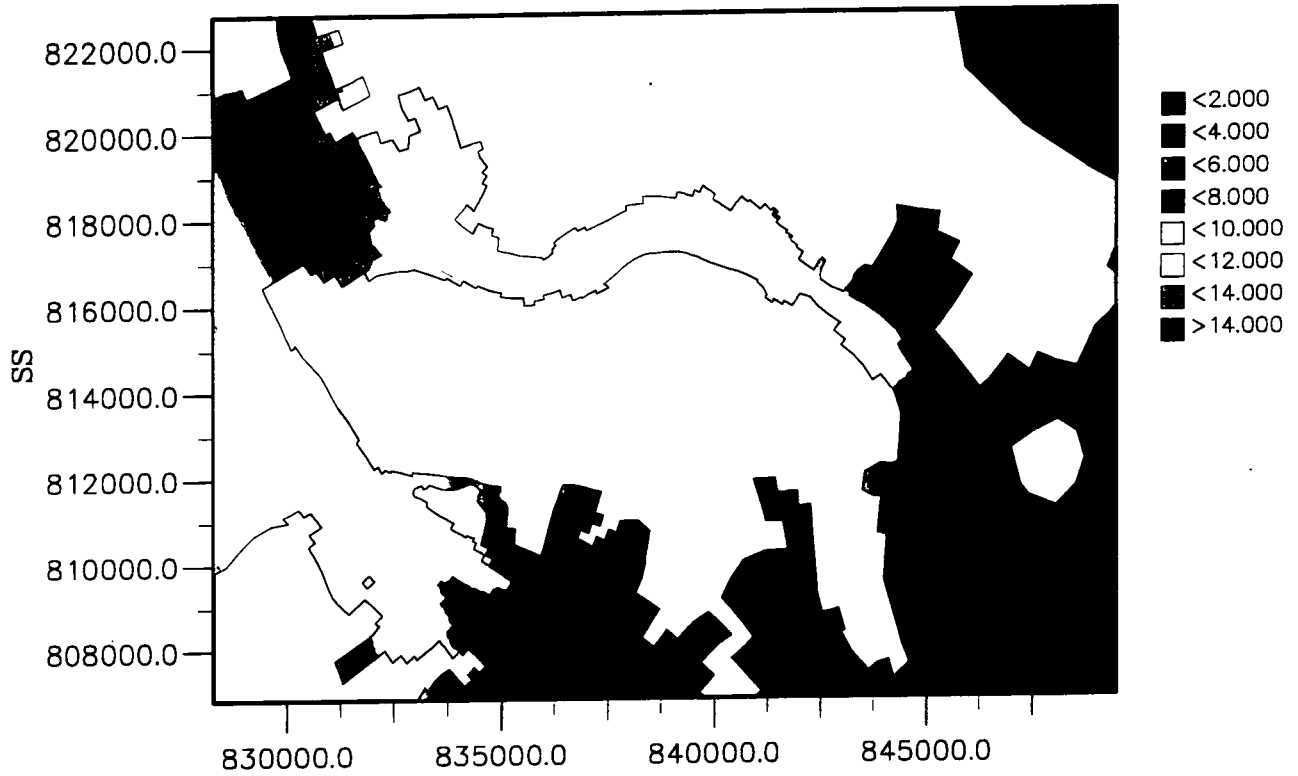


FIGURE 40

SCENARIO: TEST 3 WET SEASON 2012
DEPTH AVERAGED
UPPER: SUSP. SOLIDS (mg/l); LOWER: E. COLI (MPN/m³)

Environmental
Resources
Management



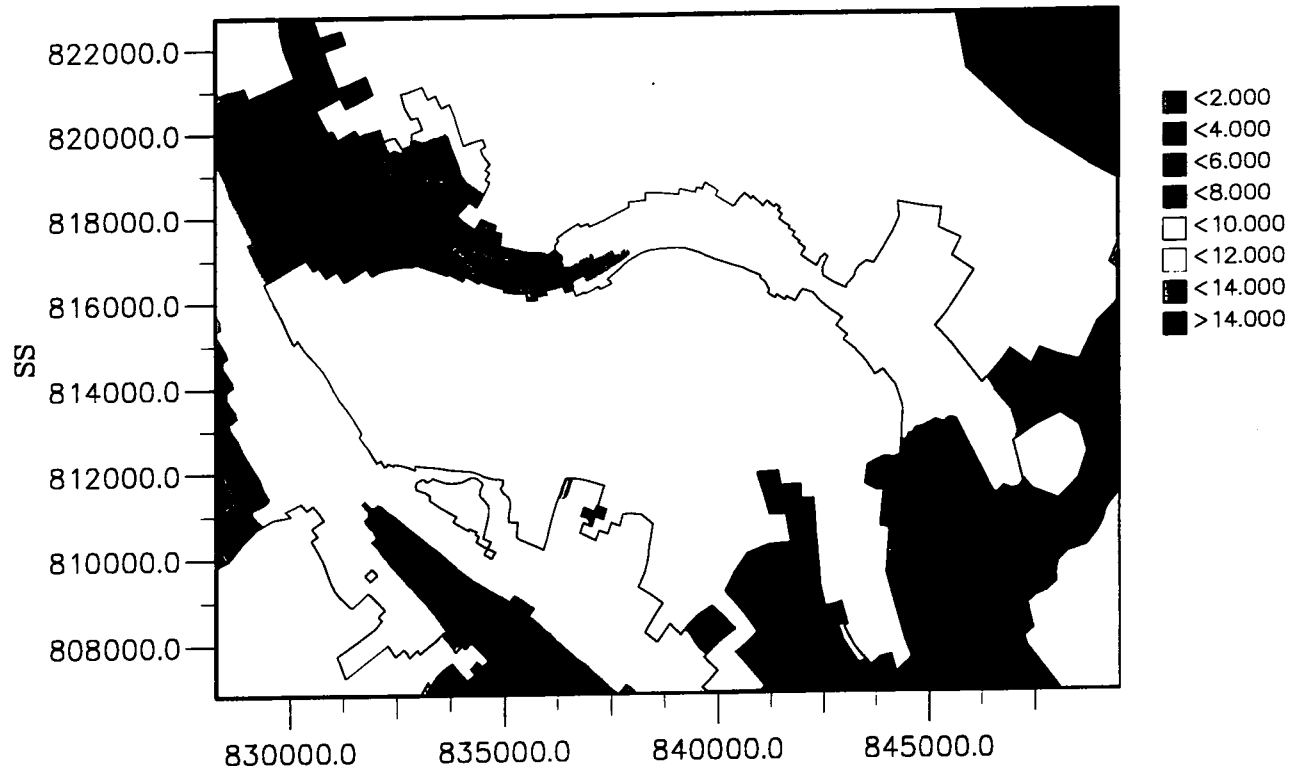
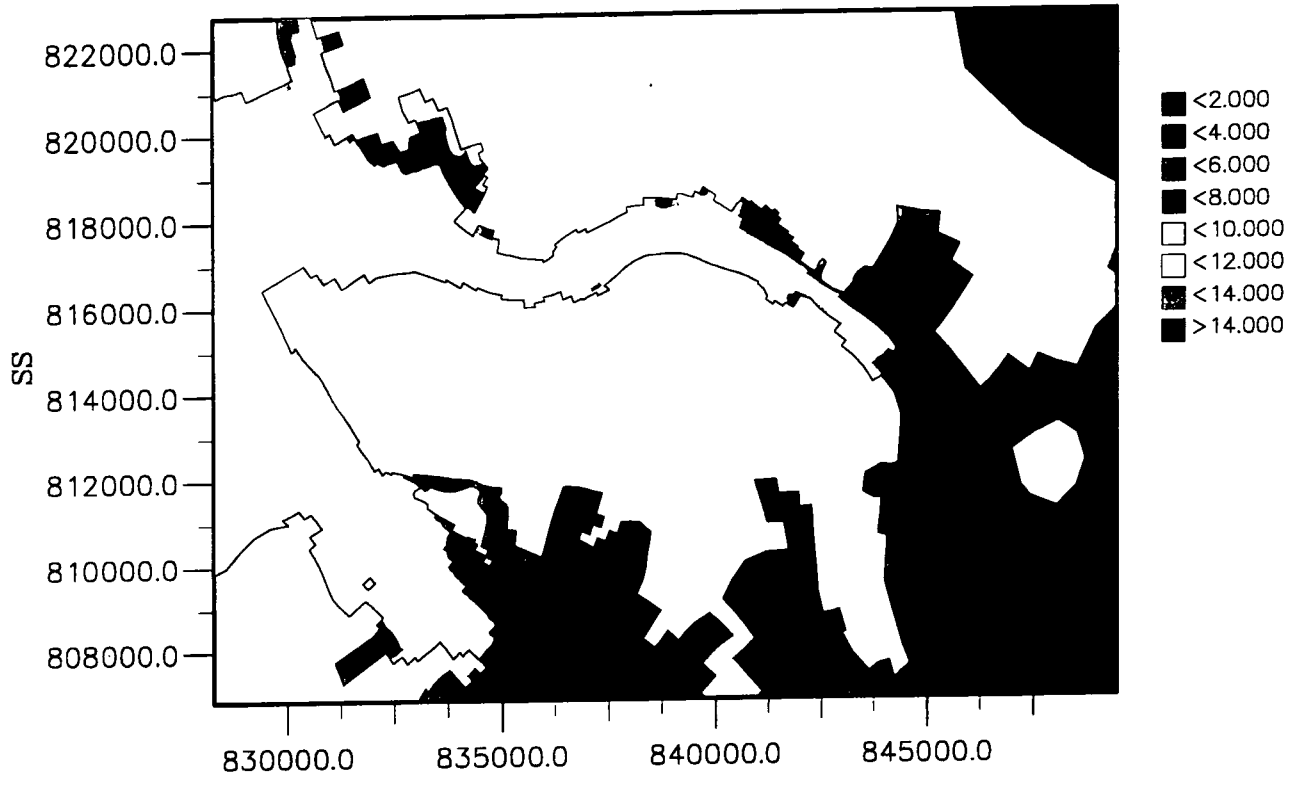


FIGURE 41 SCENARIO: TEST 3 WET SEASON 2012
 SUSPENDED SOLIDS (mg/l); NEAP/SPRING AVERAGED
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

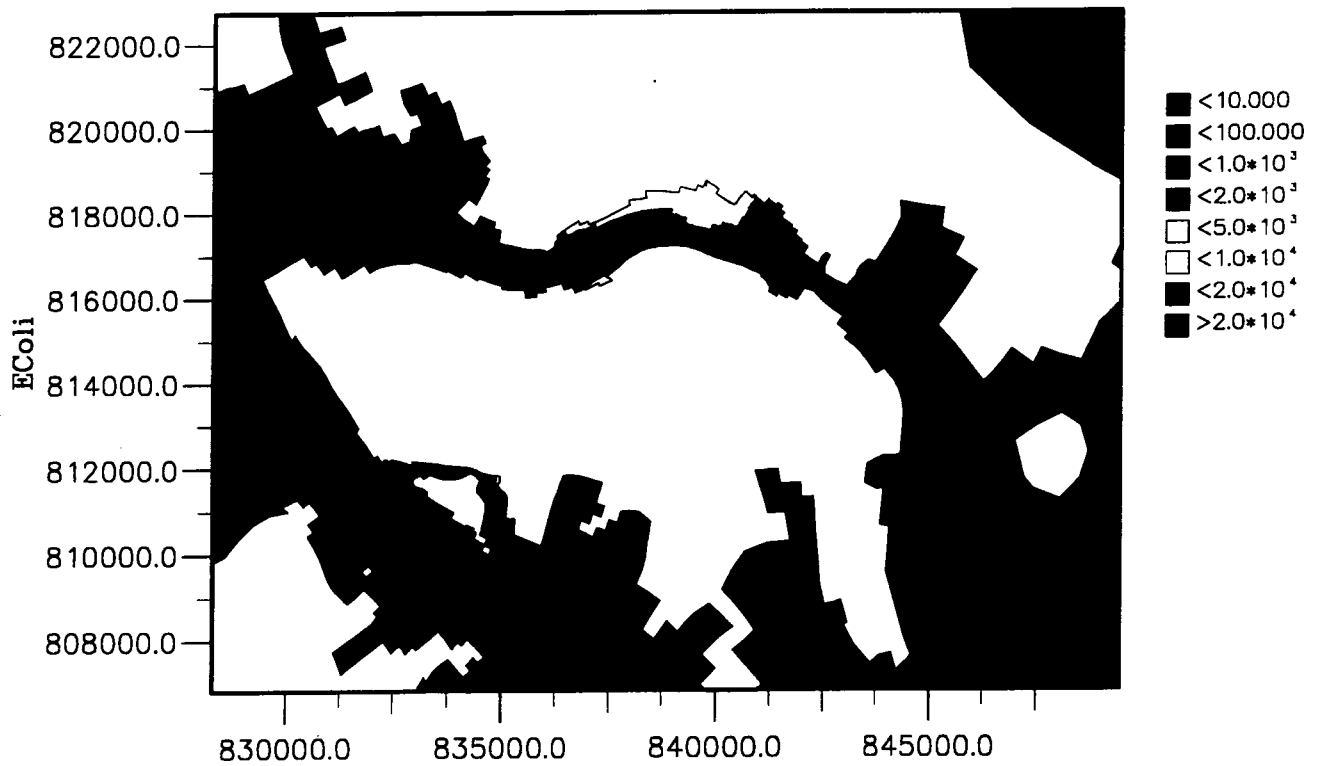
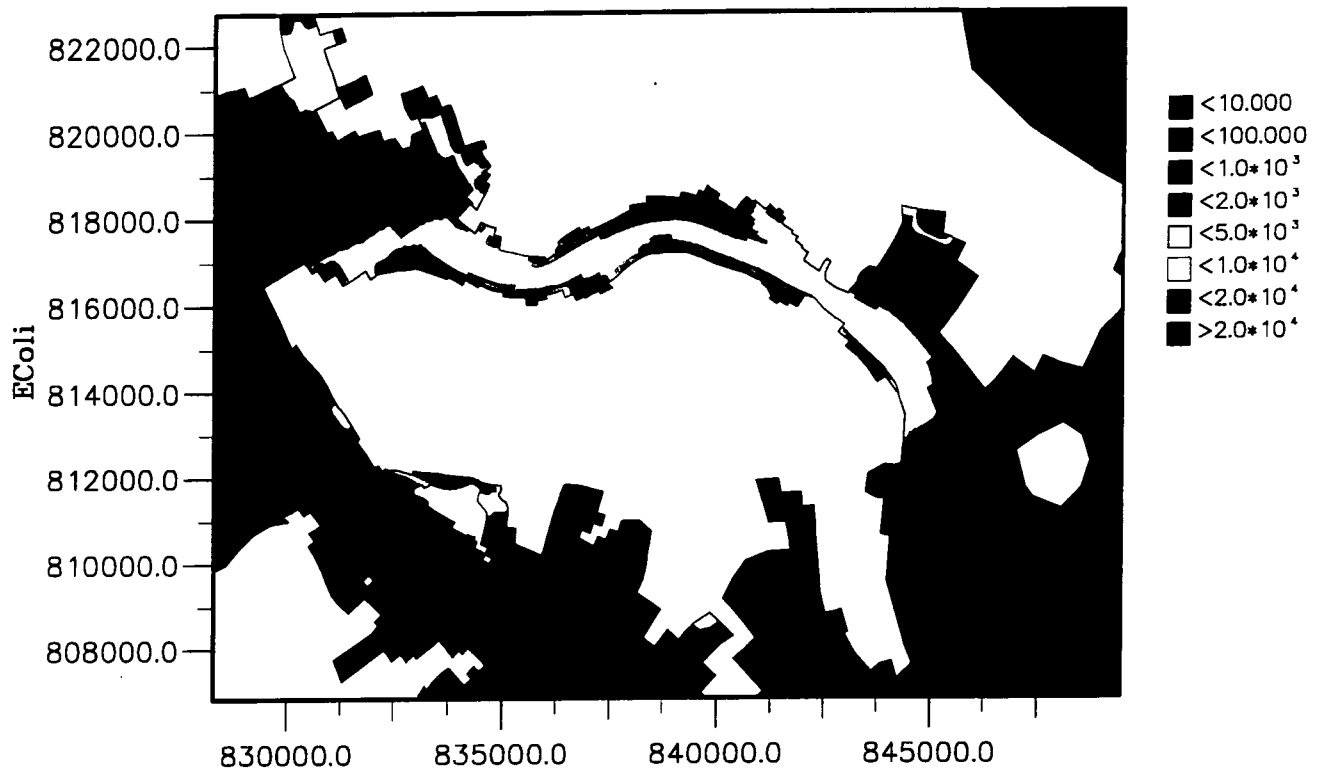


FIGURE 42

SCENARIO: TEST 3 WET SEASON 2012
 E. COLI GEOMETRIC MEAN (MPN/100ml)
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management



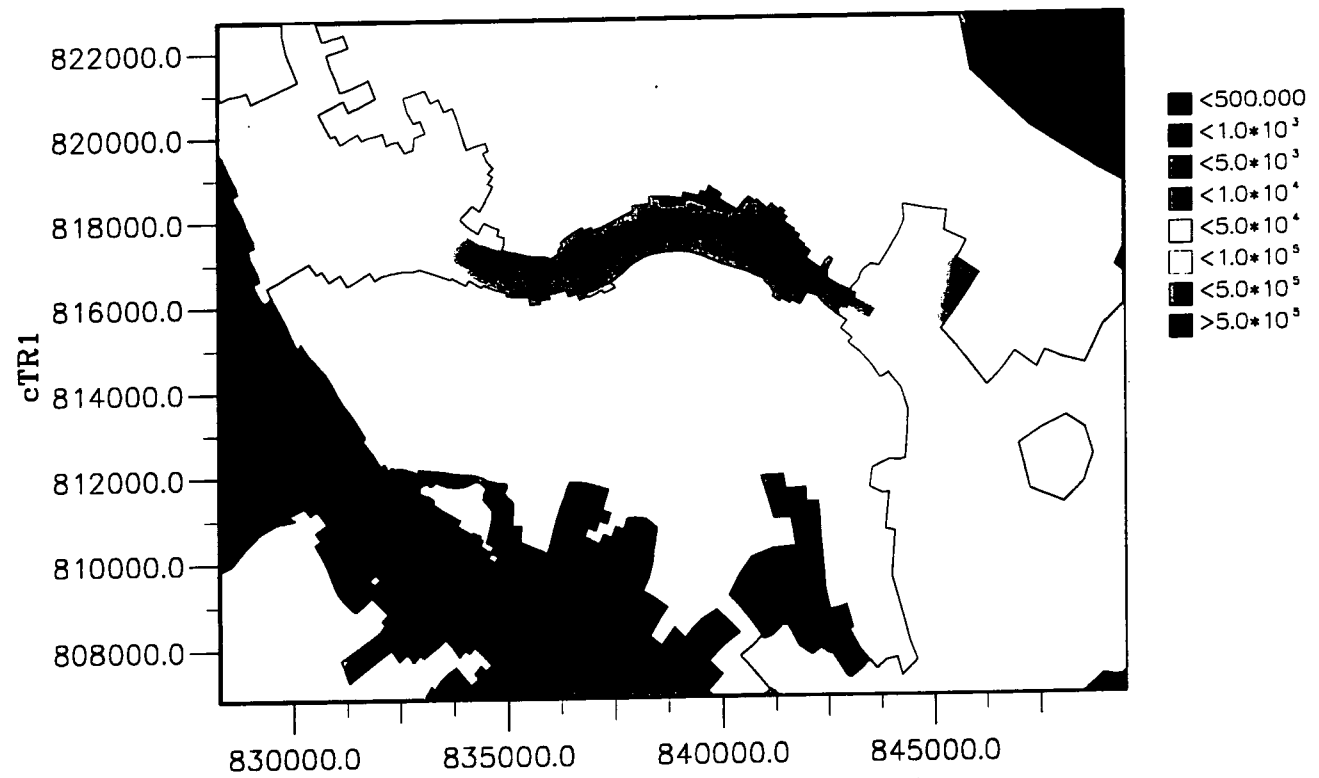
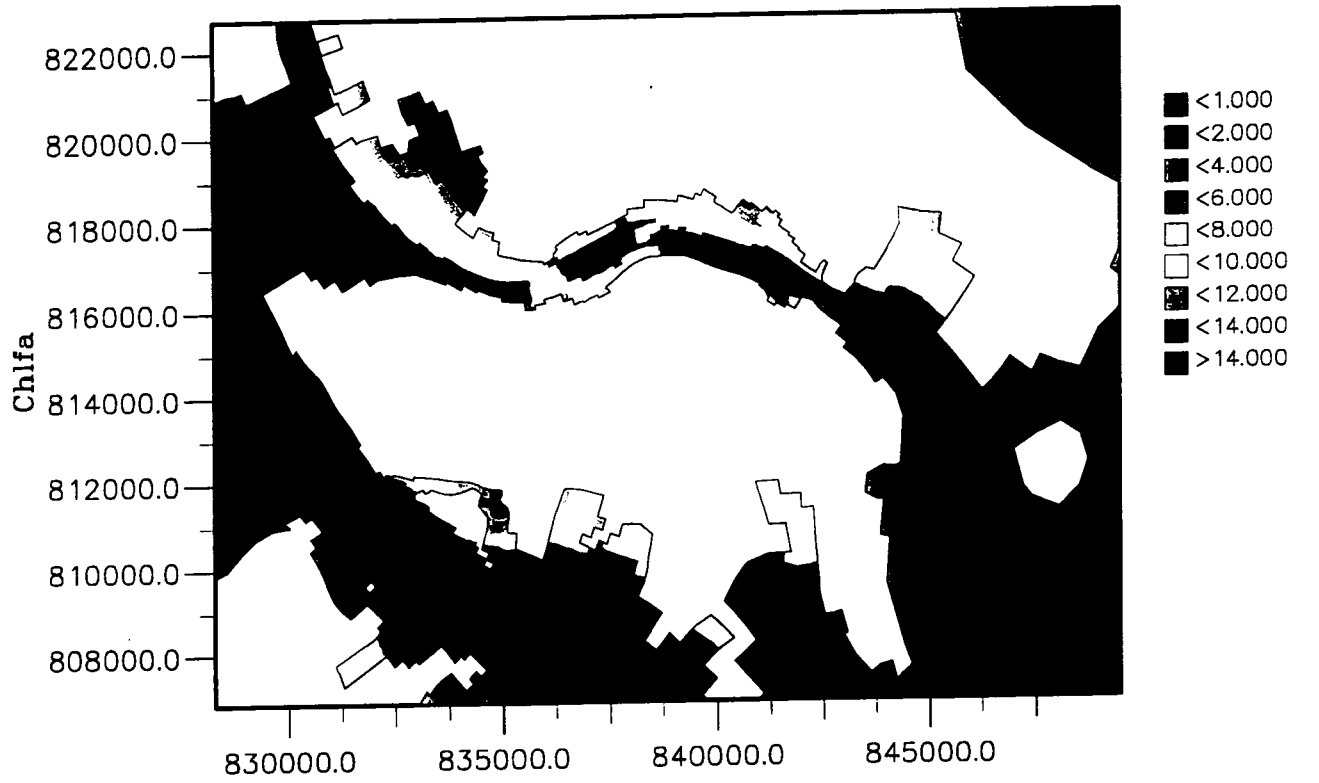


FIGURE 43

SCENARIO: TEST 3 WET SEASON 2012
 DEPTH AVERAGED
 UPPER: CHLOROPHYLL (ug/l); LOWER: TRACER (no./m³)

Environmental
 Resources
 Management



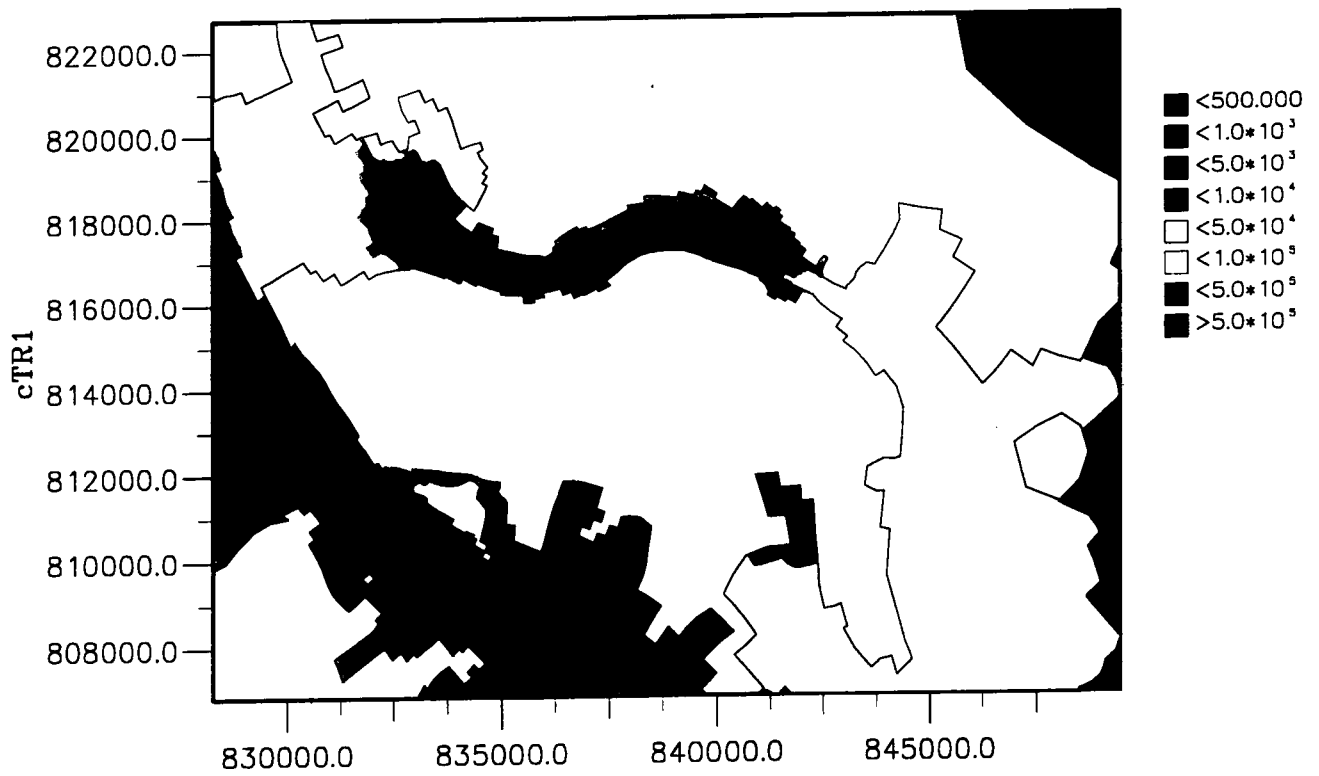
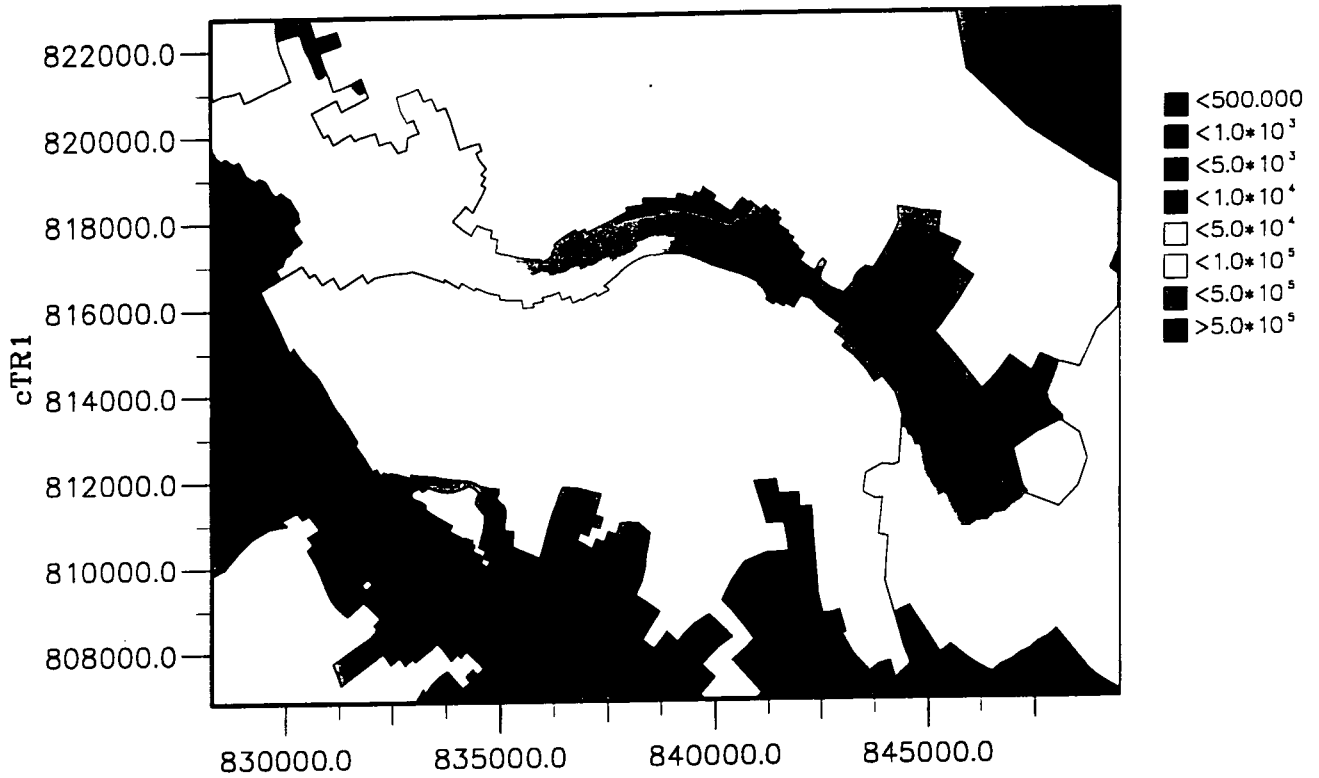


FIGURE 44

SCENARIO: TEST 3 WET SEASON 1997
 TRACER RELEASED AT KAI TAK NULLAH ($8.64e7 \text{ no/m}^3$)
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management



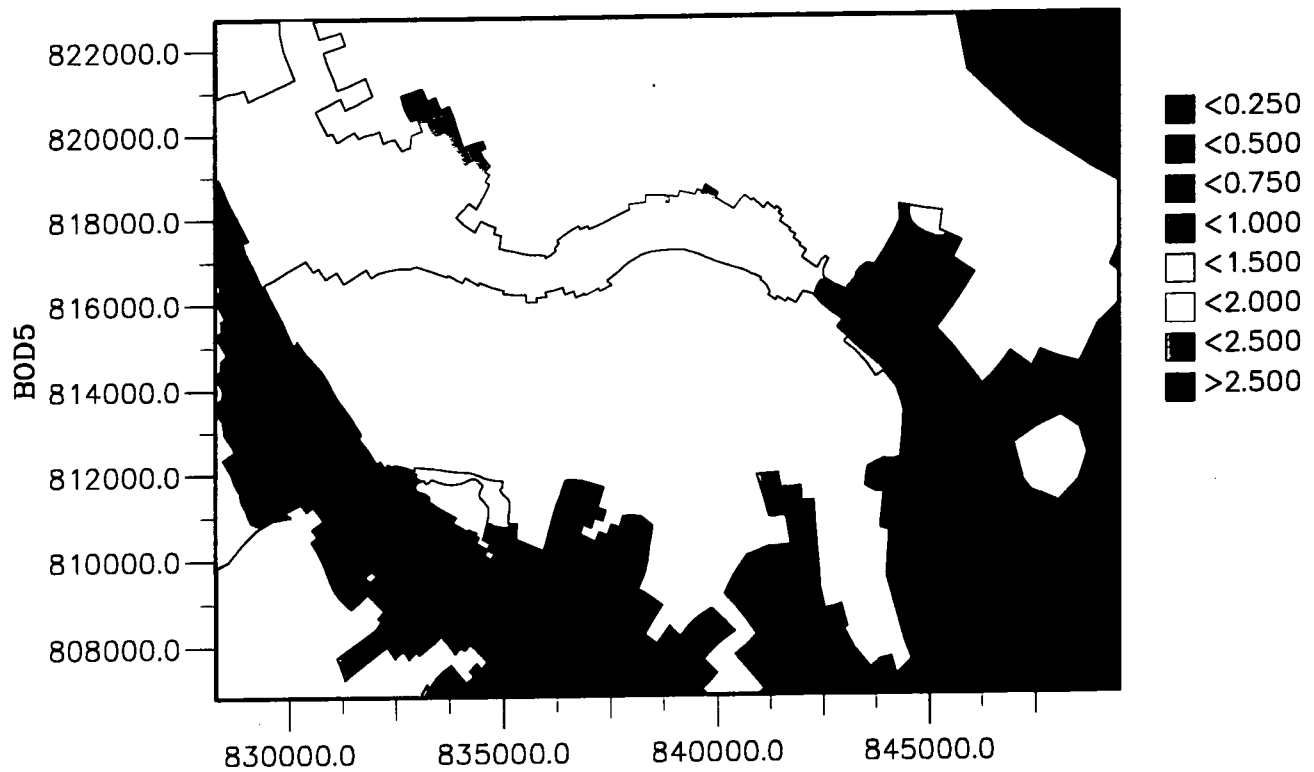
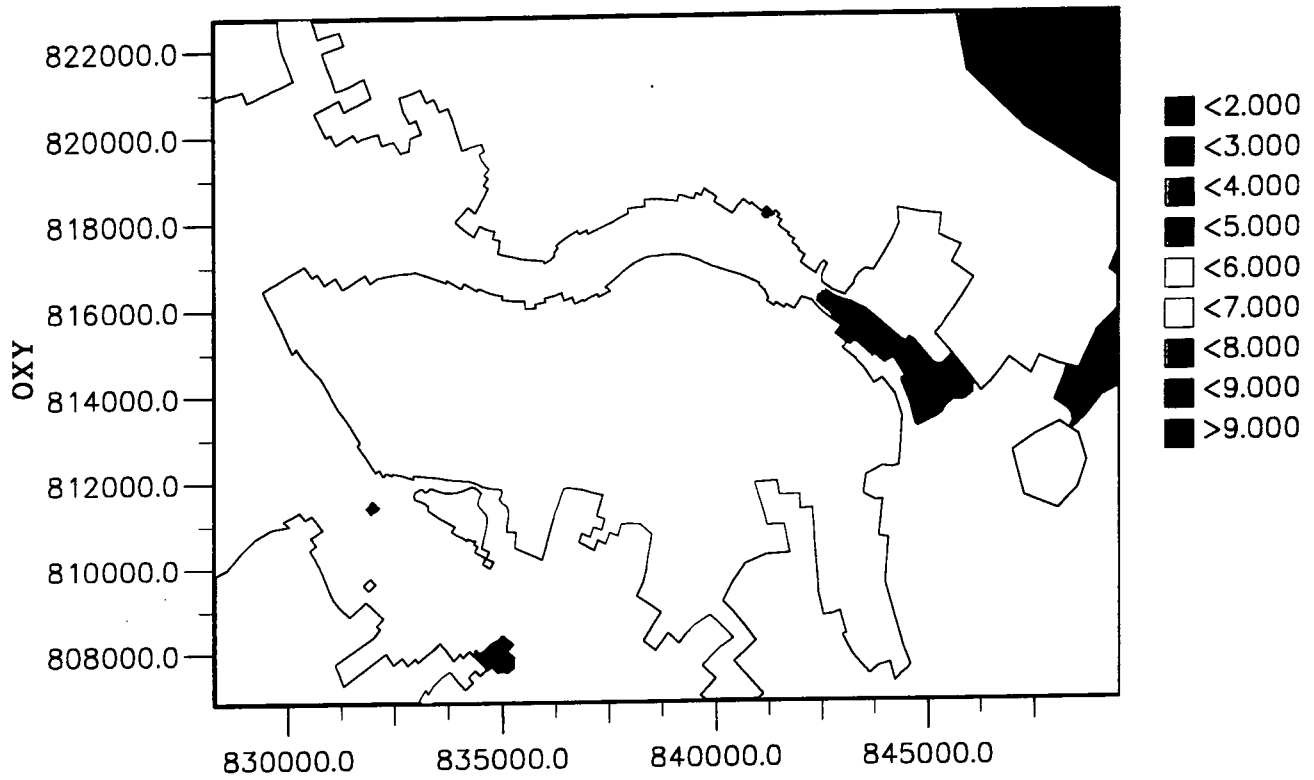


FIGURE 45

SCENARIO: TEST 4 WET SEASON 2012
DEPTH AVERAGED
UPPER: OXYGEN (mg/l); LOWER: BOD5 (mg/l)

Environmental
Resources
Management



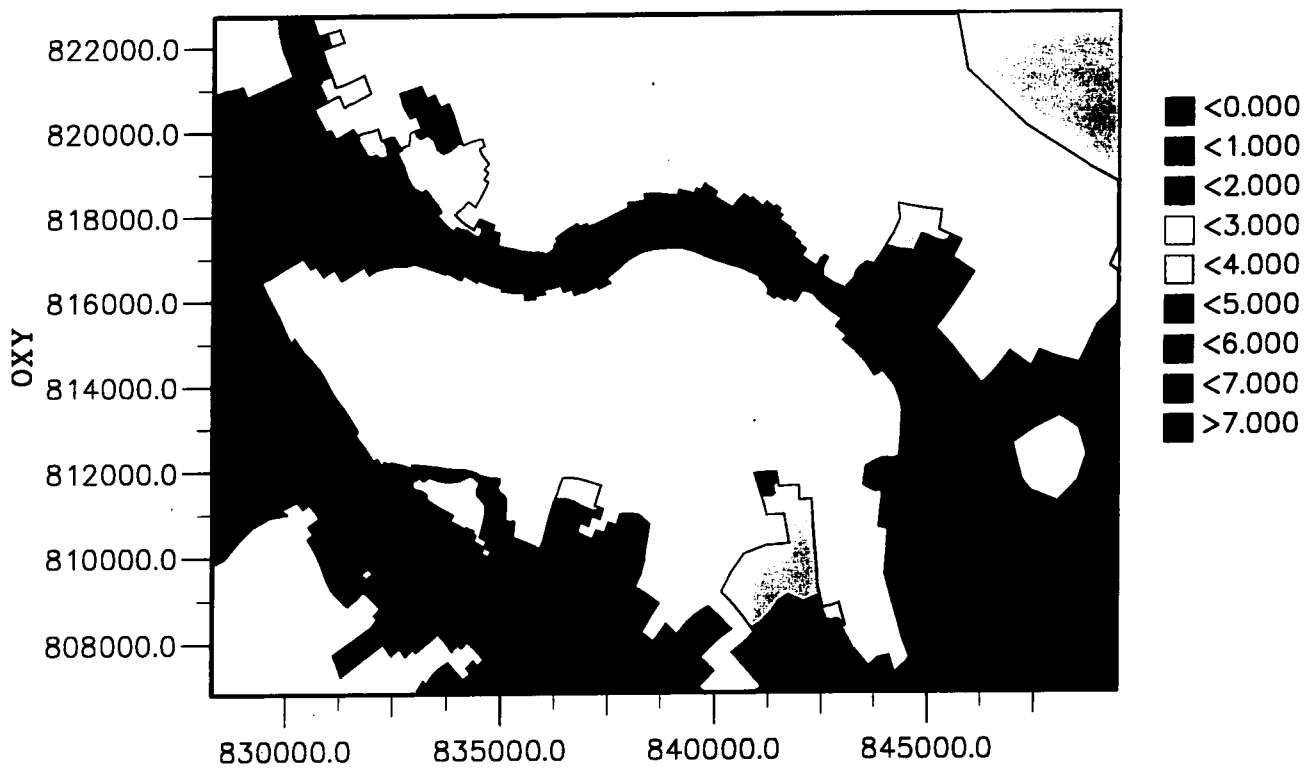
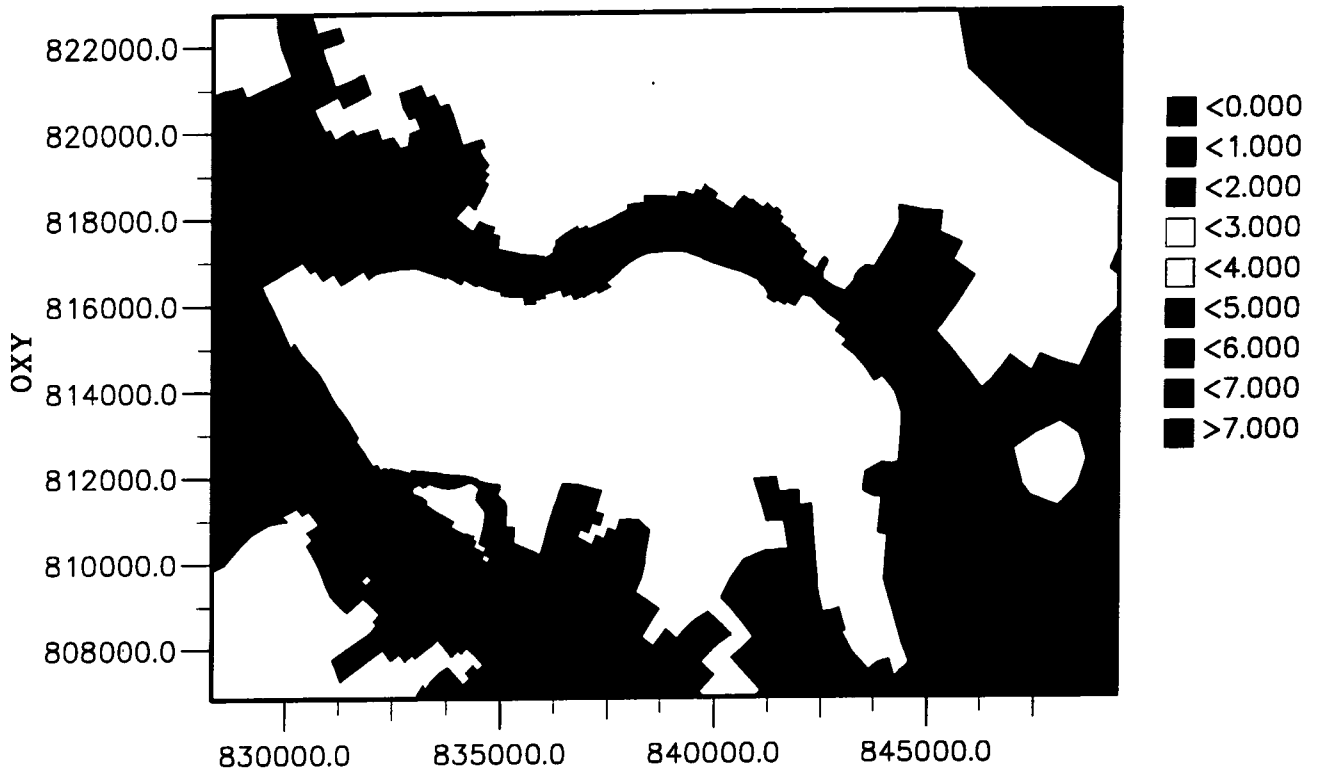


FIGURE 46

SCENARIO: TEST 4 WET SEASON 2012
 MINIMUM OXYGEN CONCENTRATION (mg/l)
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management



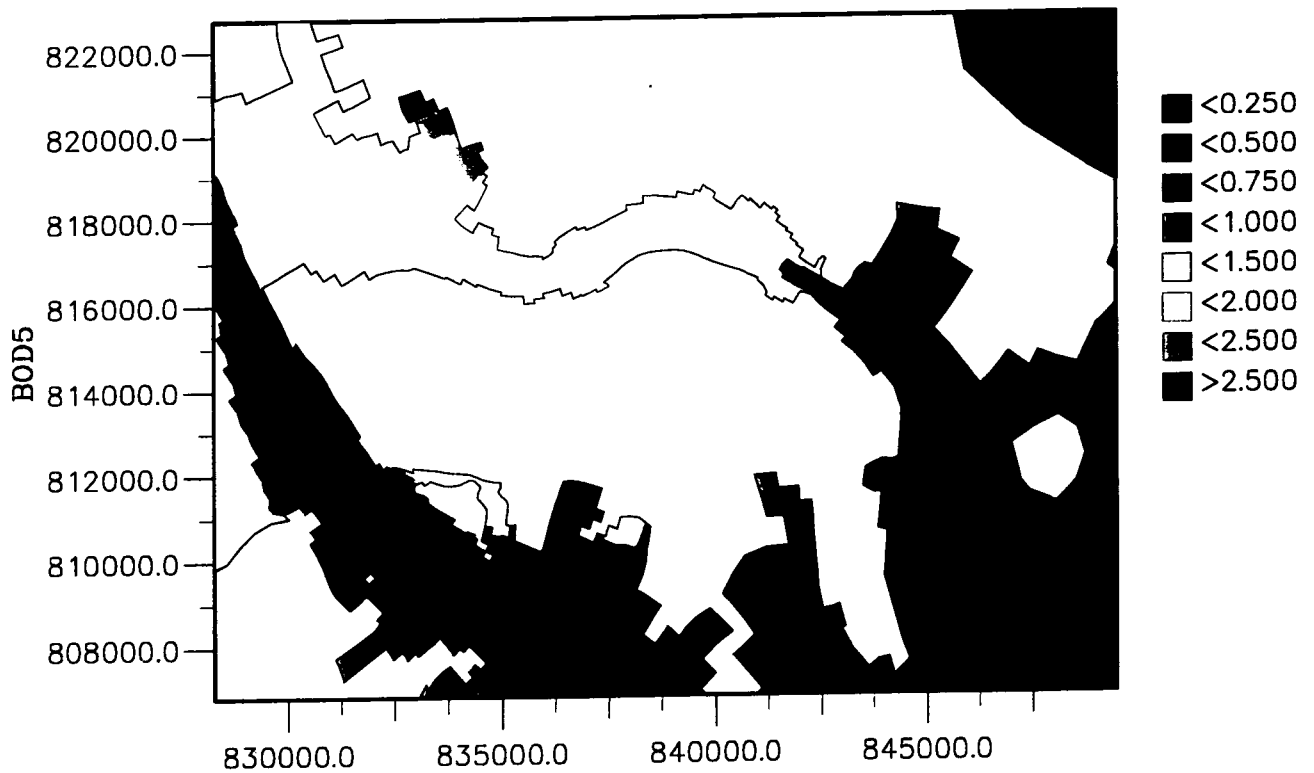
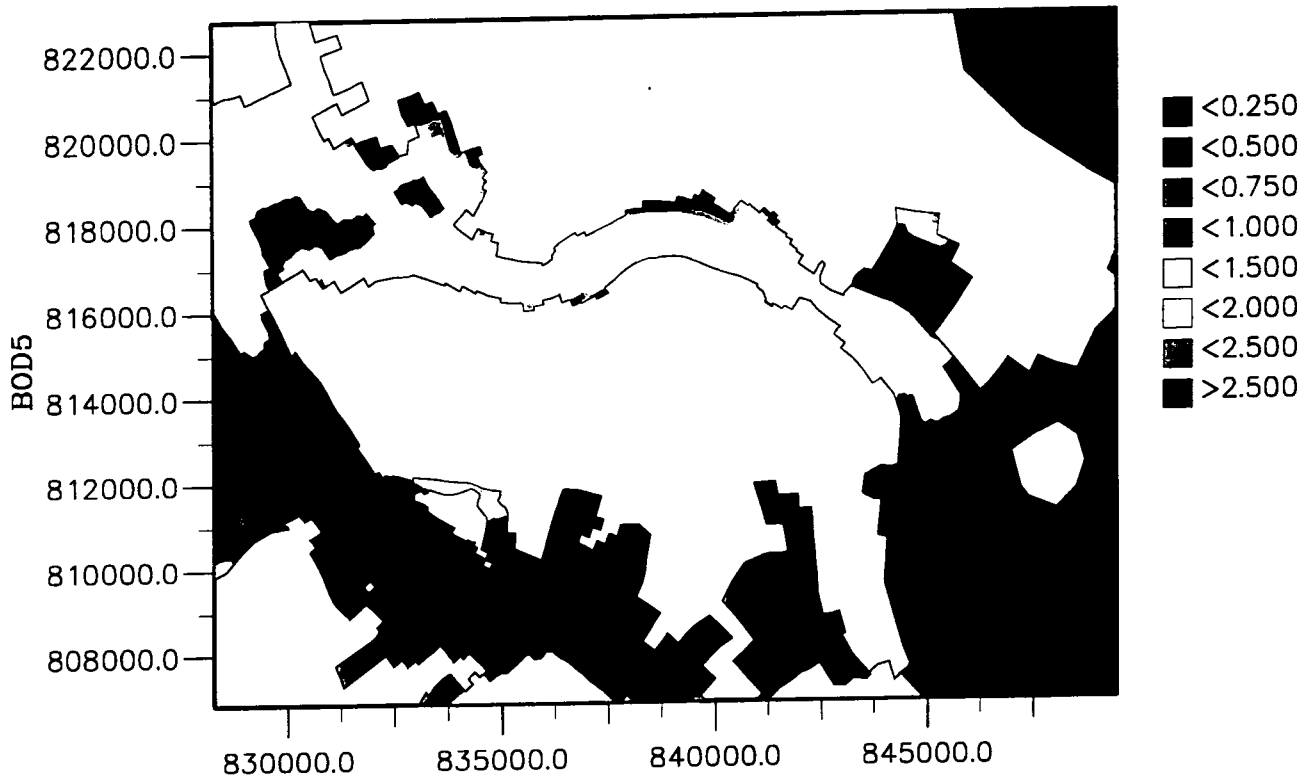


FIGURE 47

SCENARIO: TEST 4 WET SEASON 2012
BOD5 (mg/l); NEAP/SPRING AVERAGED
UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
Resources
Management



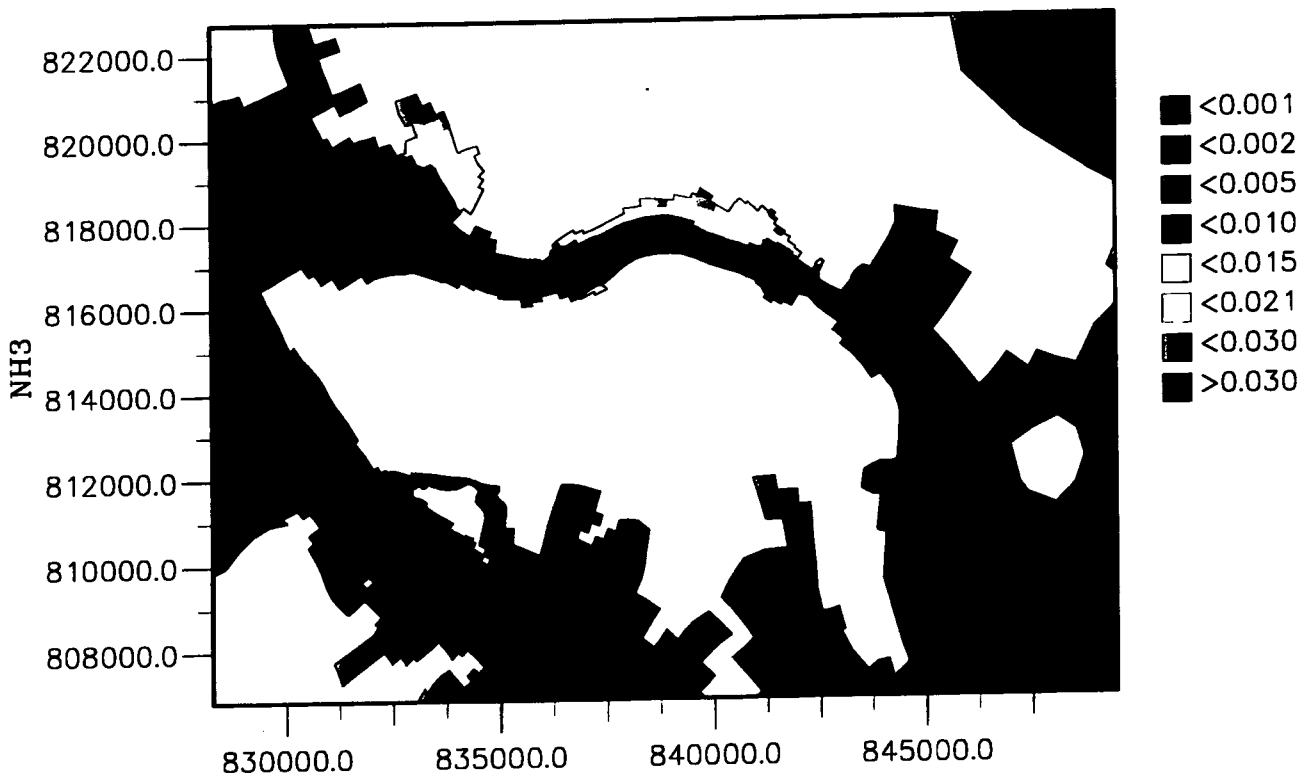
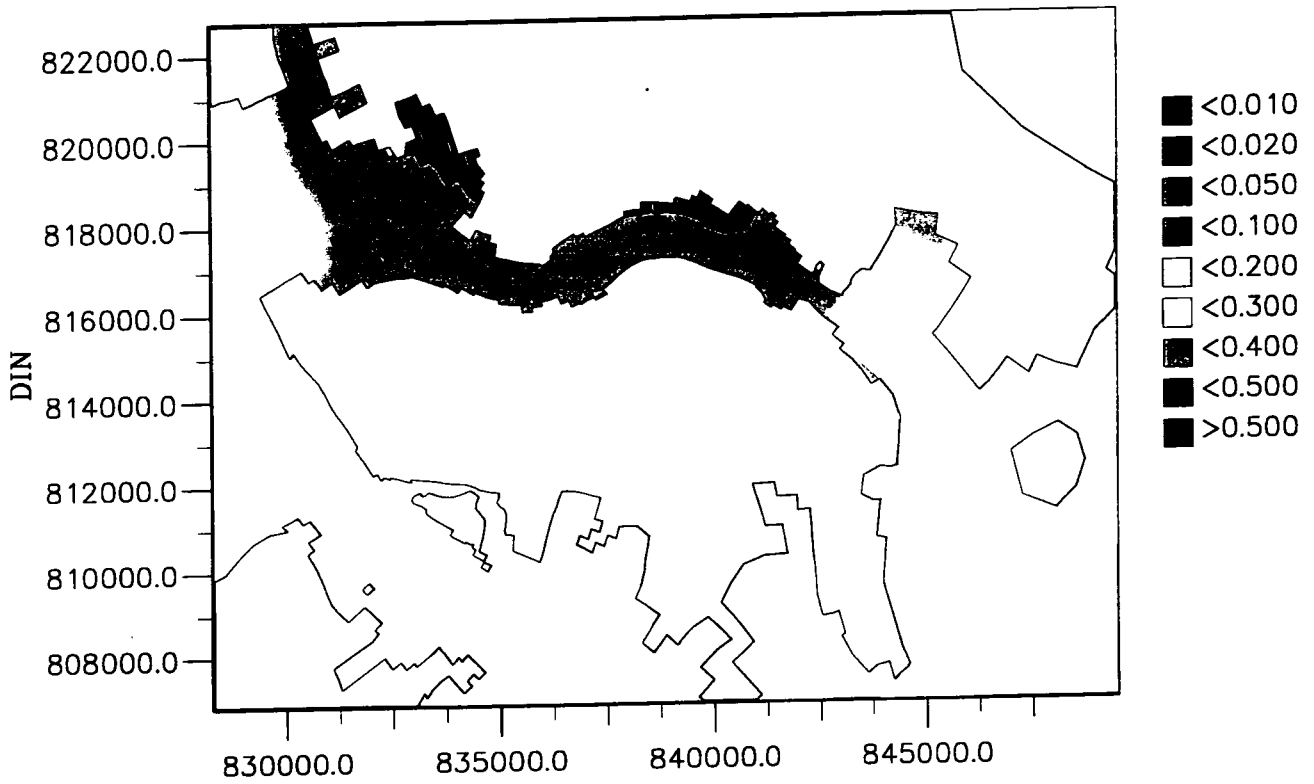


FIGURE 48

SCENARIO: TEST 4 WET SEASON 2012
DEPTH AVERAGED
UPPER: DIS. INORG N (mgN/l); LOWER: NH3 (mgN/l)

Environmental
Resources
Management



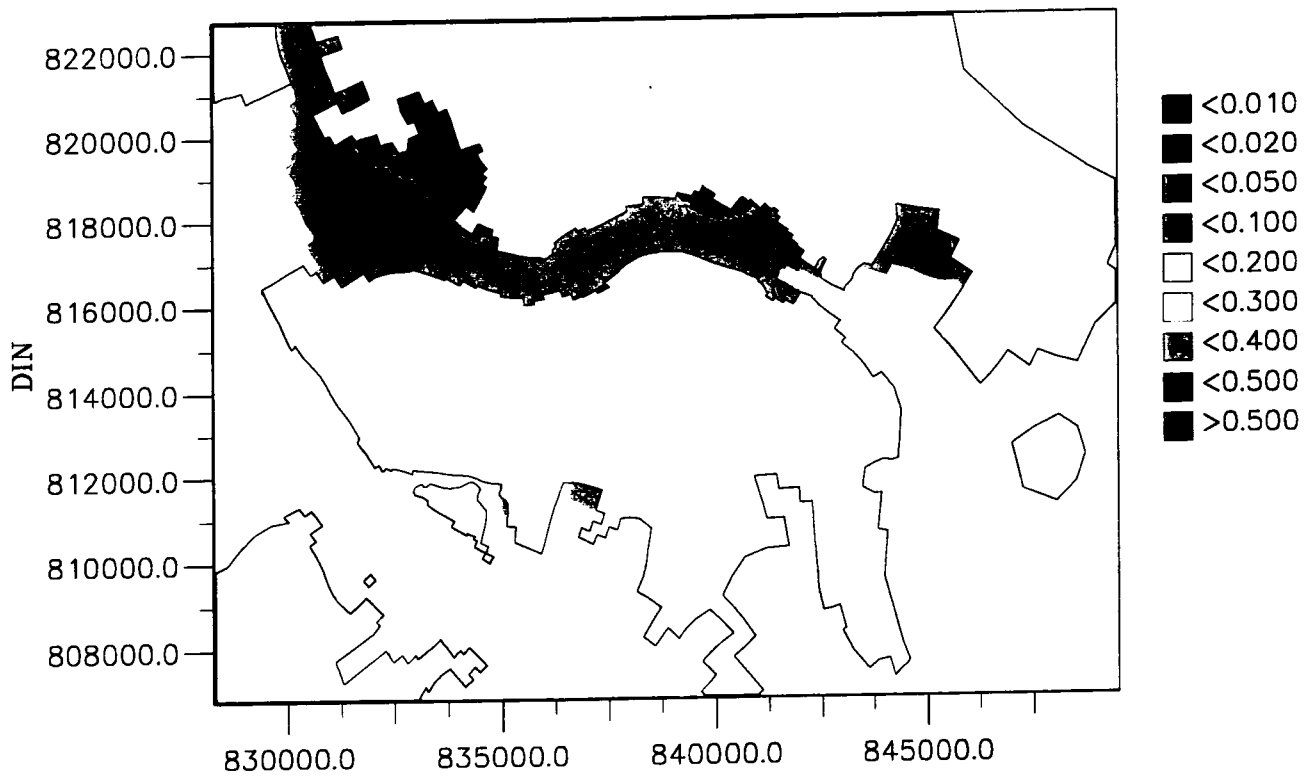
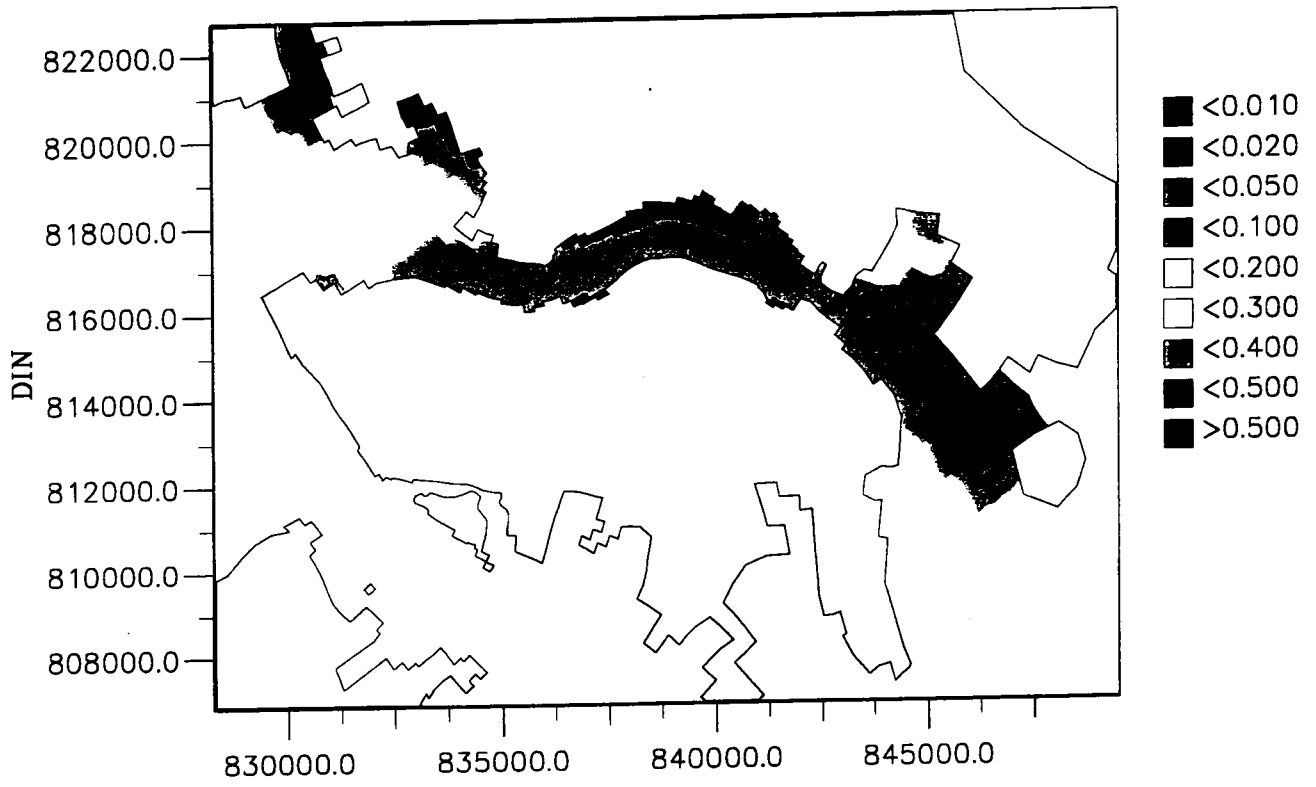


FIGURE 49

SCENARIO: TEST 4 WET SEASON 2012
DISSOLVED INORGANIC NITROGEN (mgN/l)
UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
Resources
Management



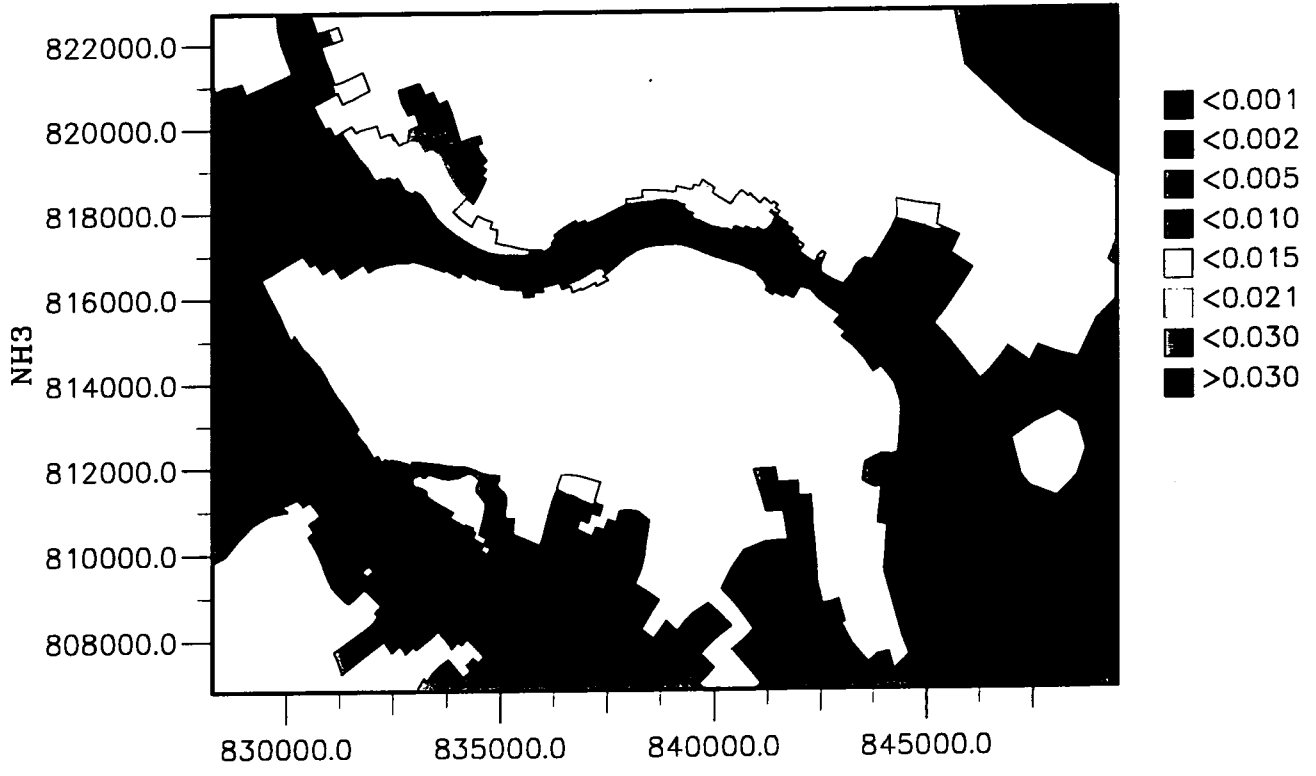
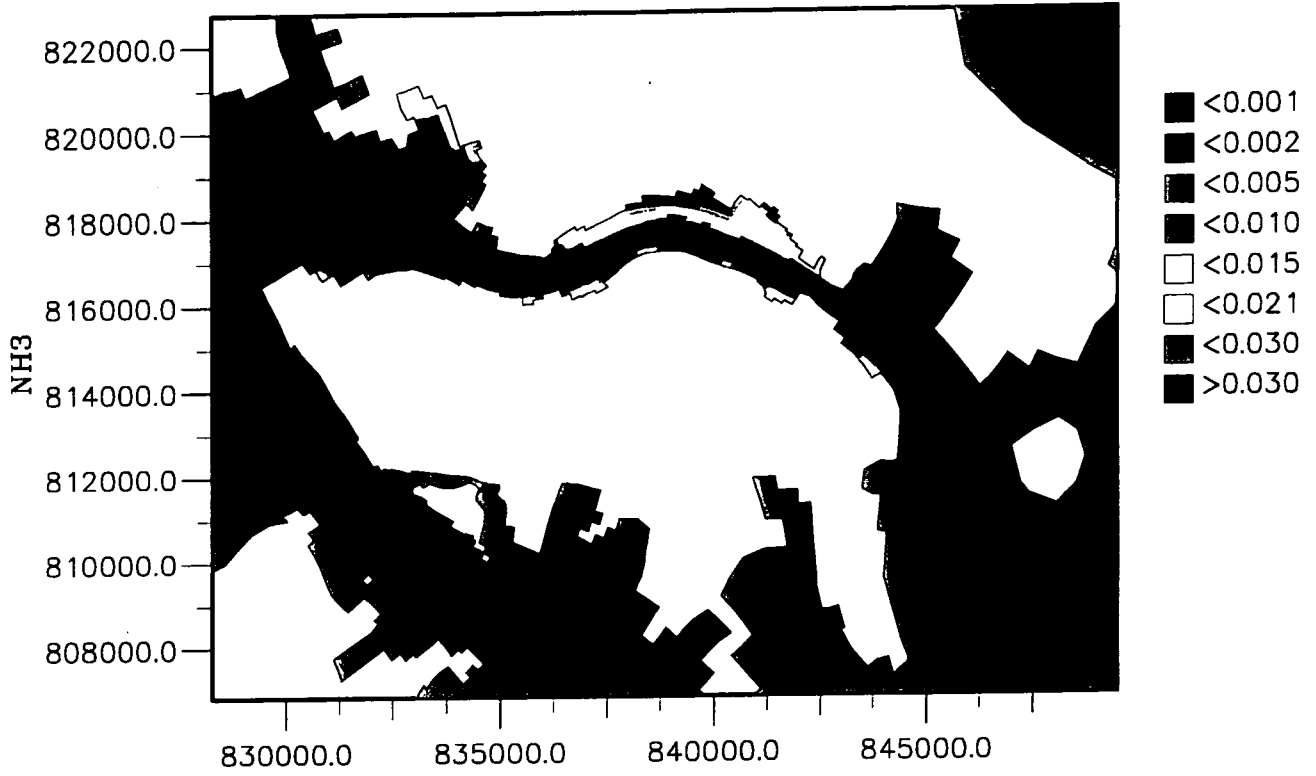


FIGURE 50 SCENARIO: TEST 4 WET SEASON 2012
 UNIONISED AMMONIUM (mgN/l); NEAP/SPRING AVERAGED
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

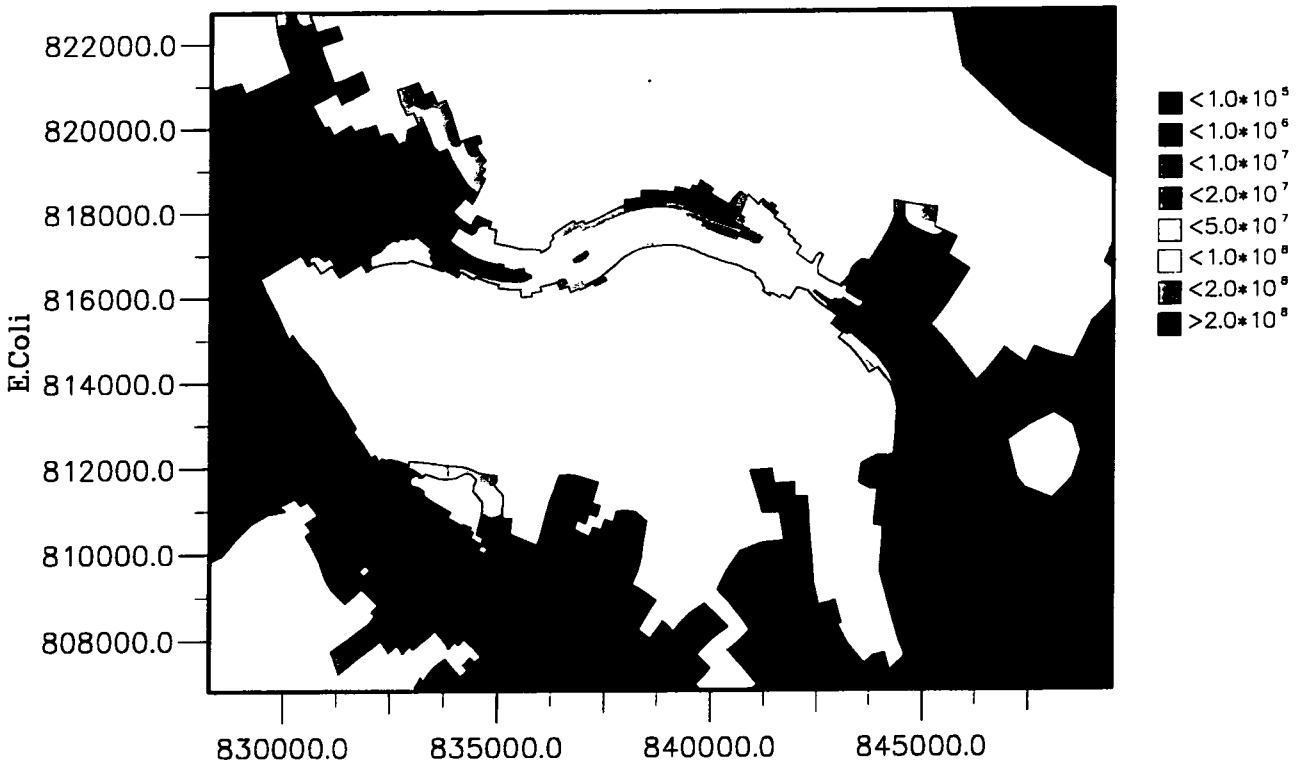
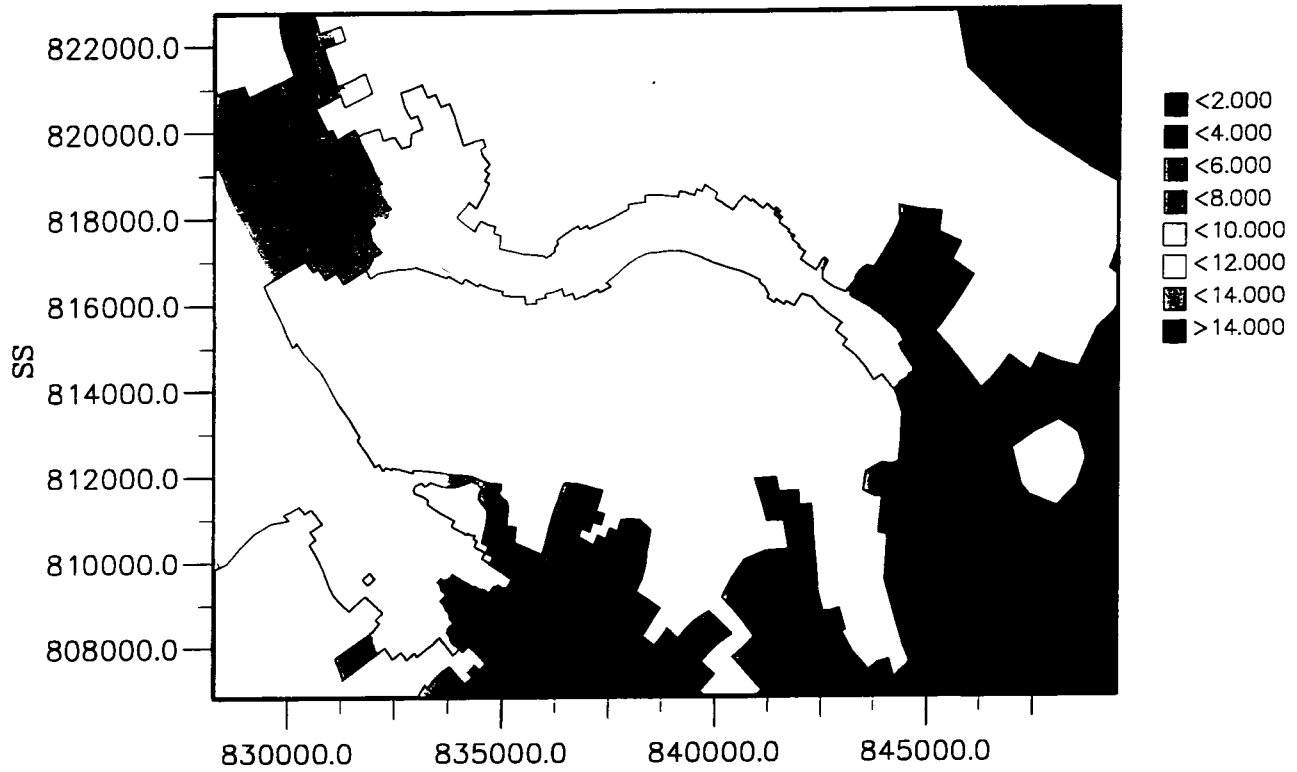


FIGURE 51

SCENARIO: TEST 4 WET SEASON 2012
DEPTH AVERAGED
UPPER: SUSP. SOLIDS (mg/l); LOWER: E. COLI (MPN/m³)

Environmental
Resources
Management



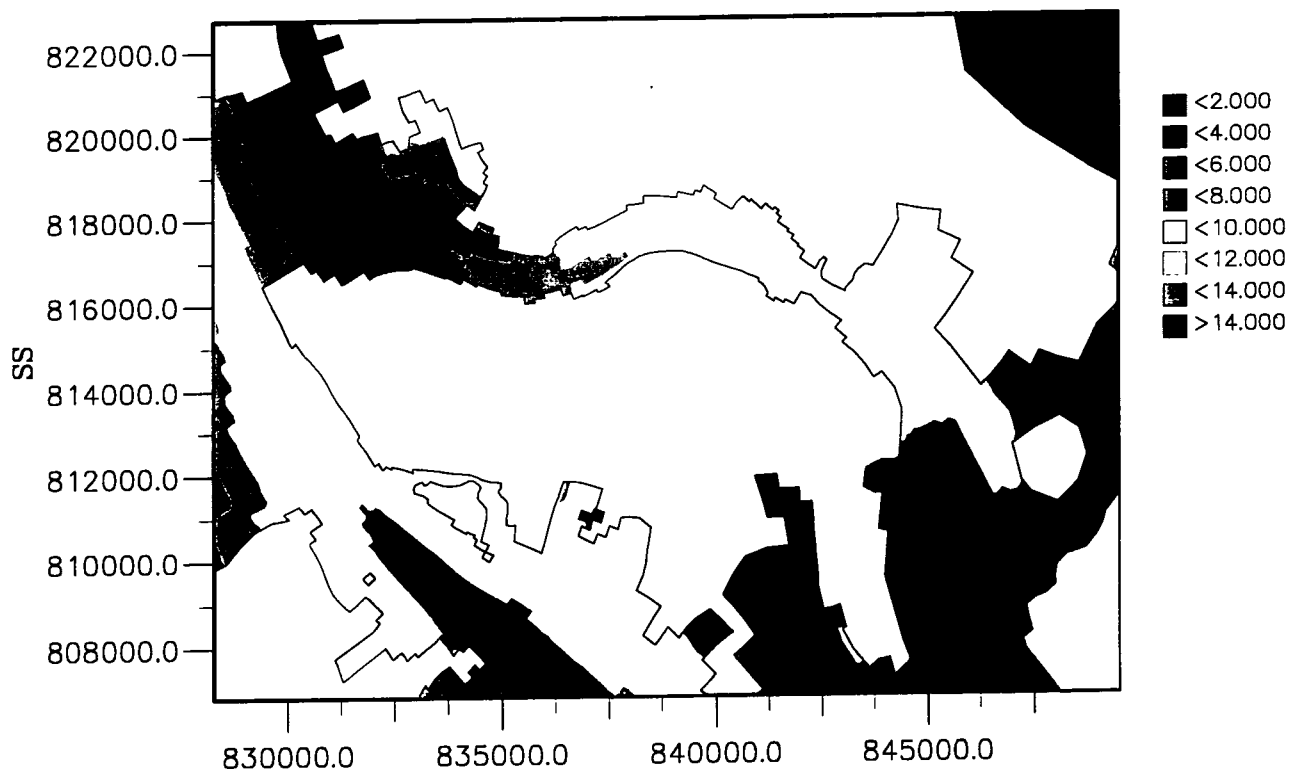


FIGURE 52

SCENARIO: TEST 4 WET SEASON 2012
SUSPENDED SOLIDS (mg/l); NEAP/SPRING AVERAGED
UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
Resources
Management



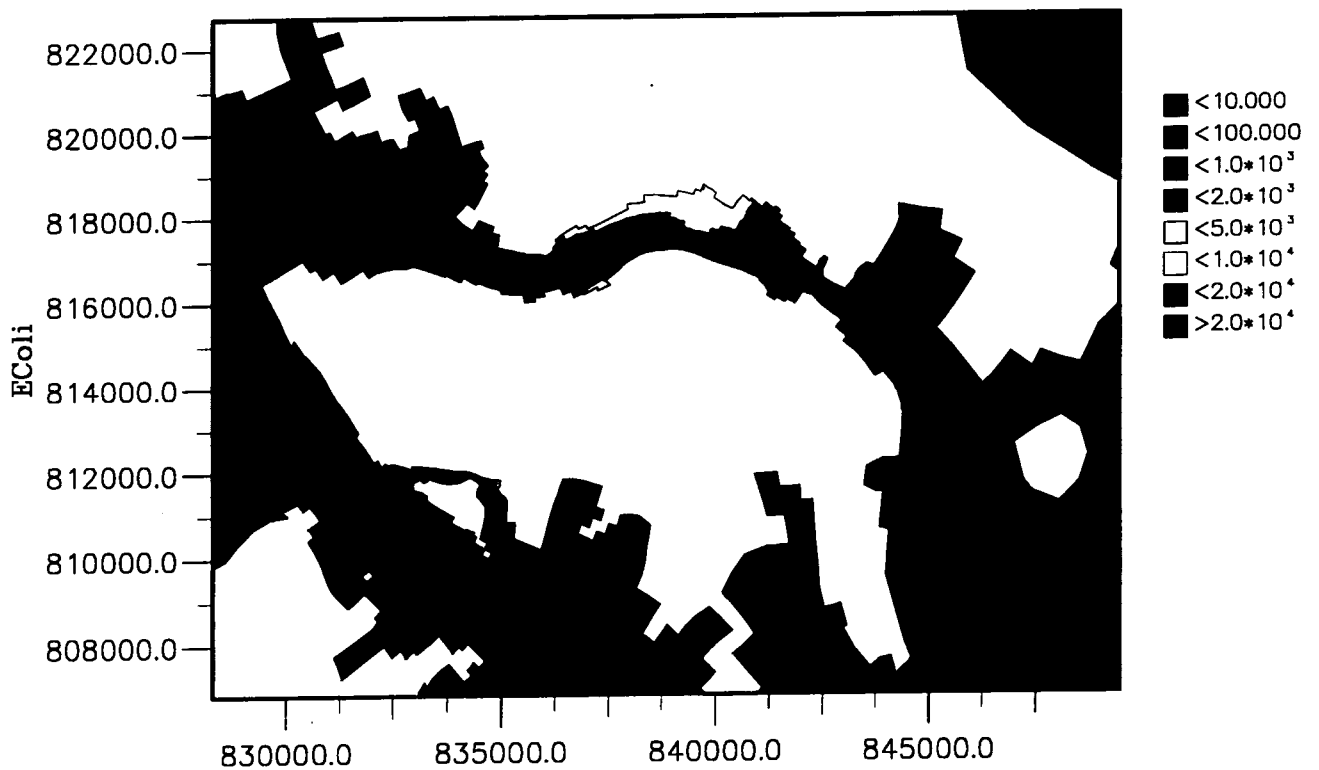
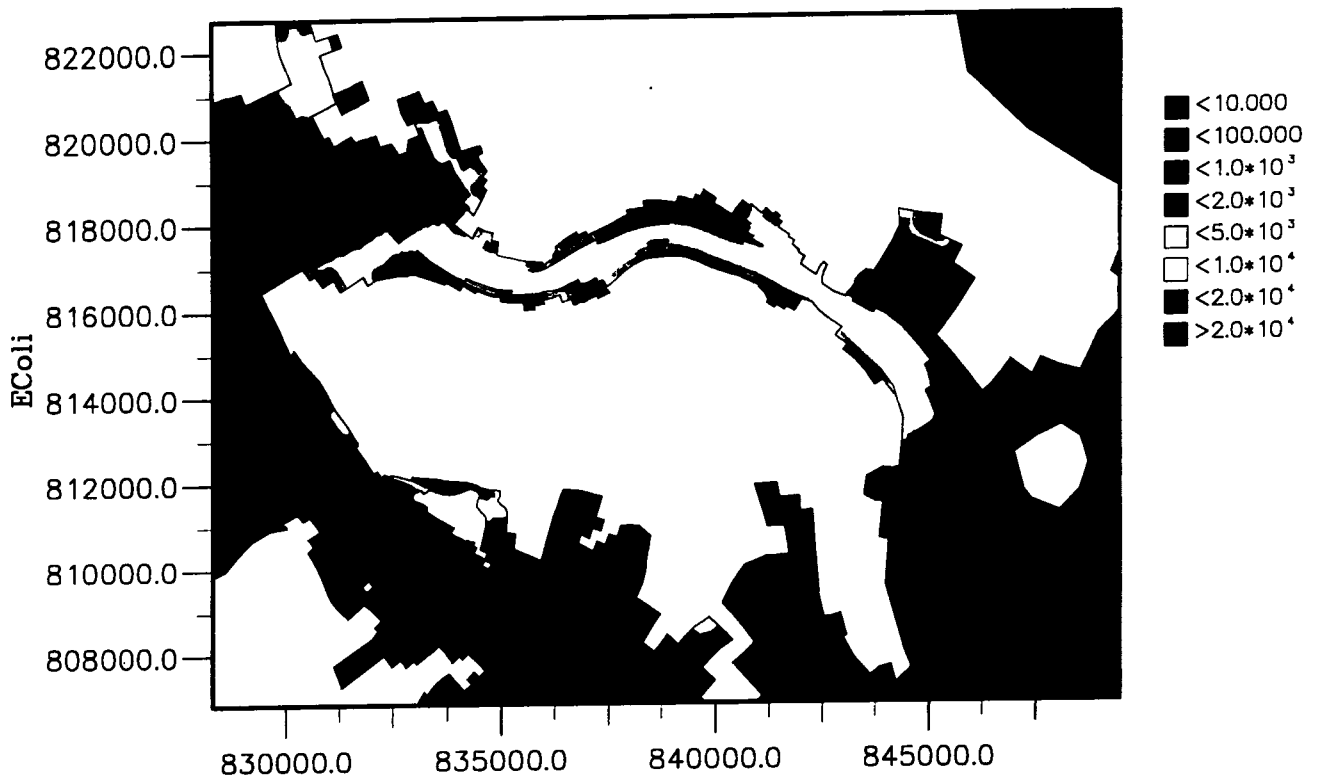


FIGURE 53

SCENARIO: TEST 4 WET SEASON 2012
E. COLI GEOMETRIC MEAN (MPN/100ml)
UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
Resources
Management



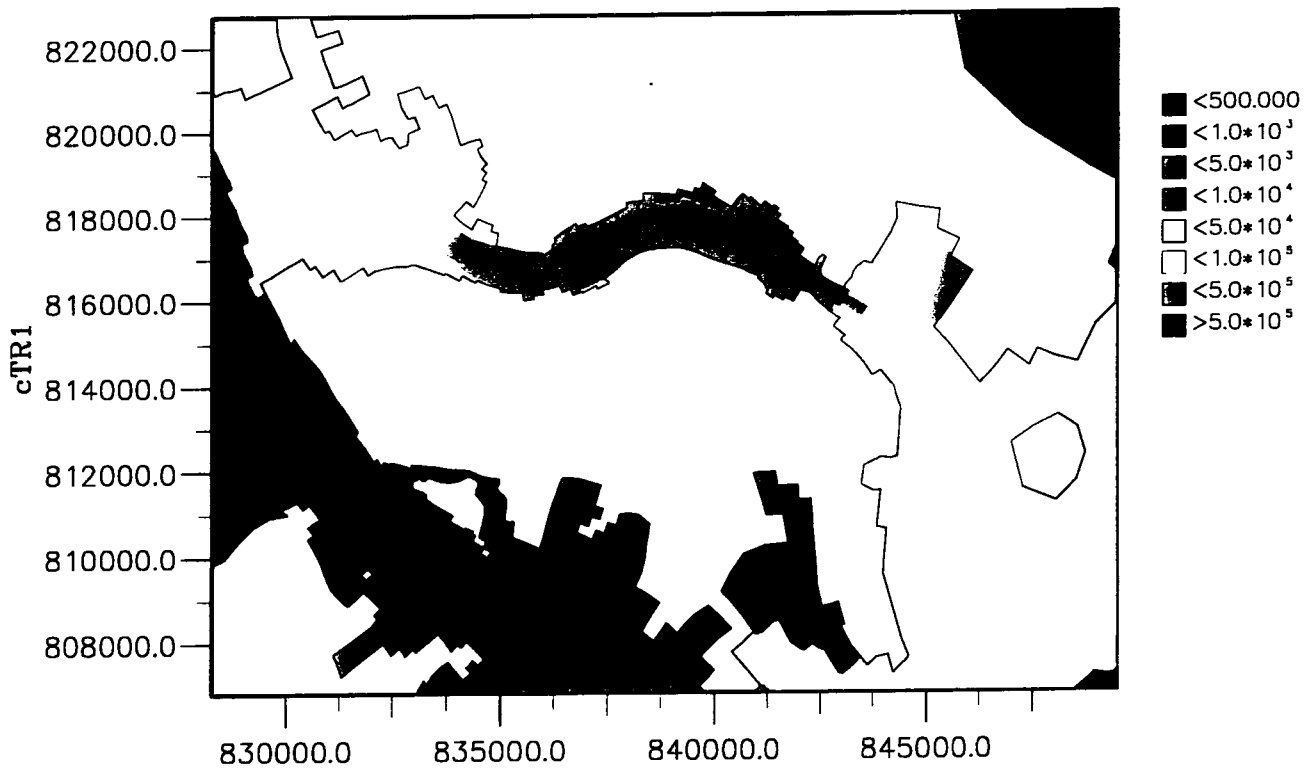
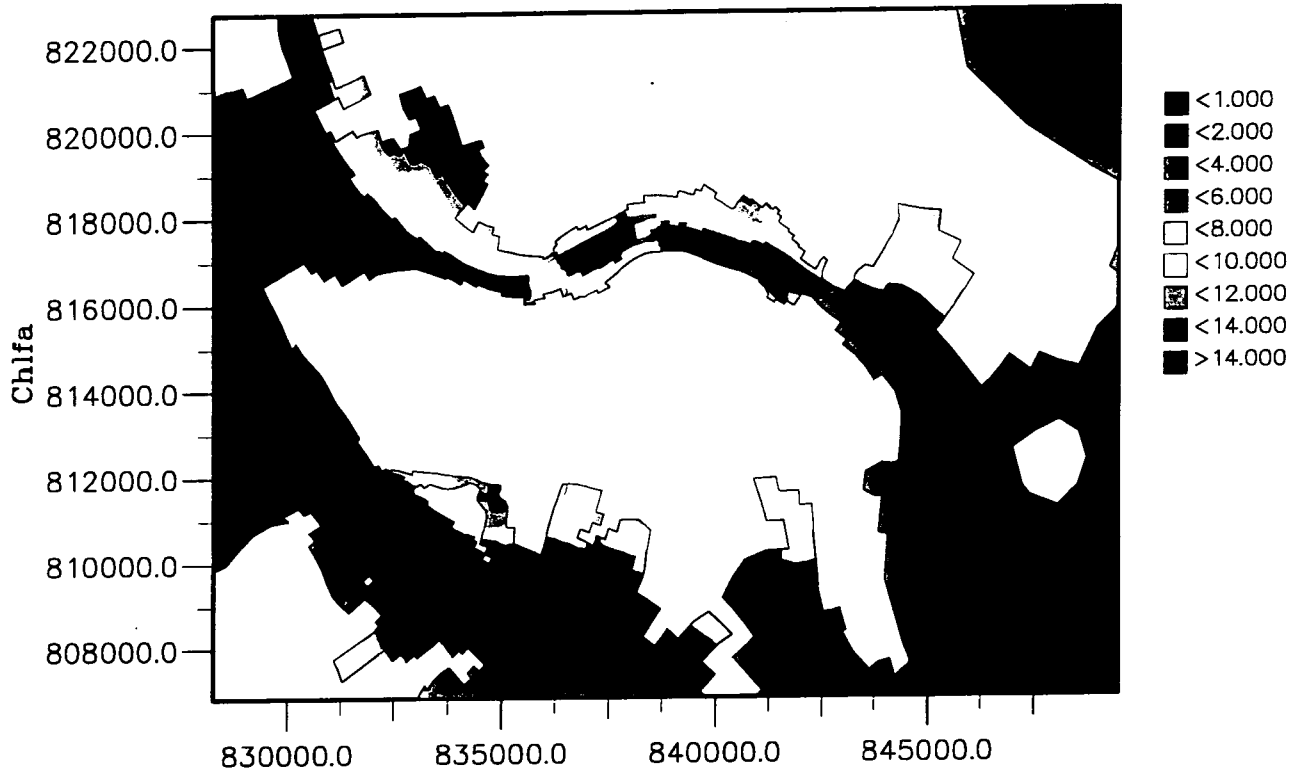


FIGURE 54

SCENARIO: TEST 4 WET SEASON 2012
DEPTH AVERAGED
UPPER: CHLOROPHYLL-A (ug/l); LOWER: TRACER (no./m³)

Environmental
Resources
Management



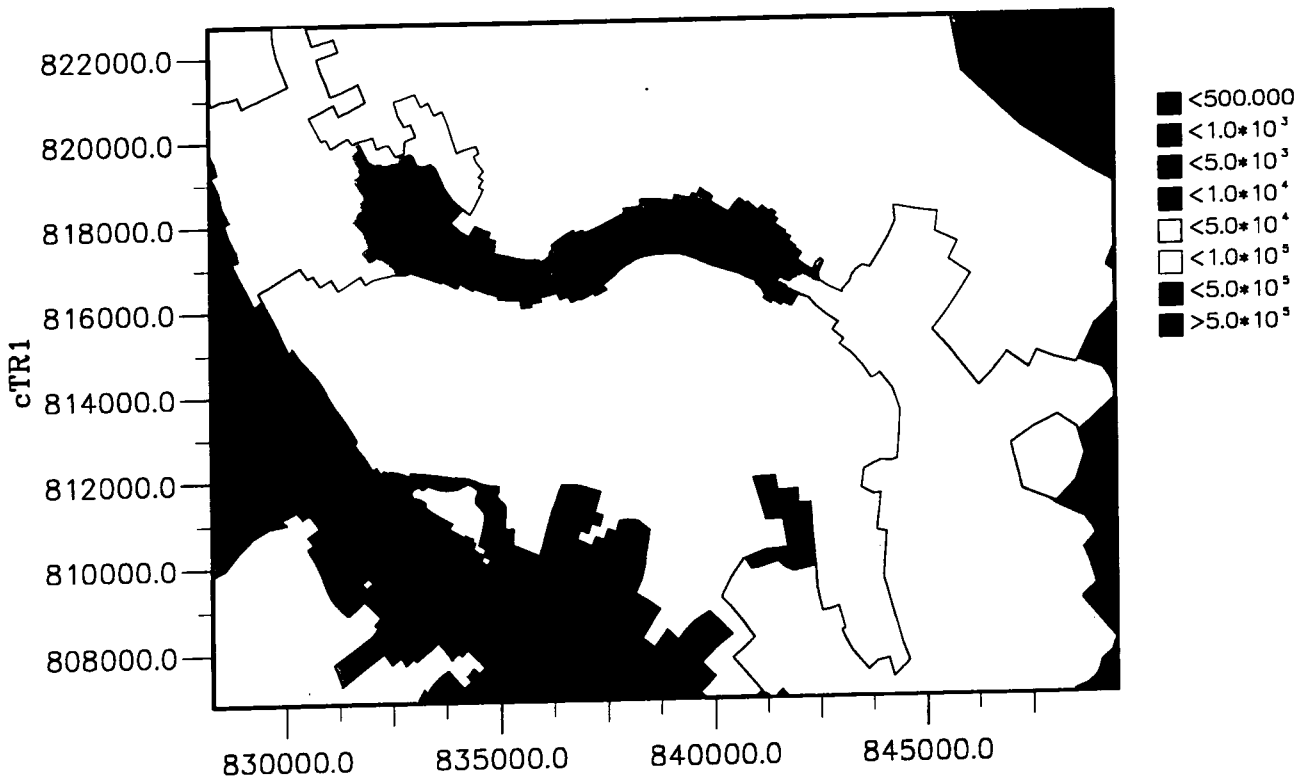
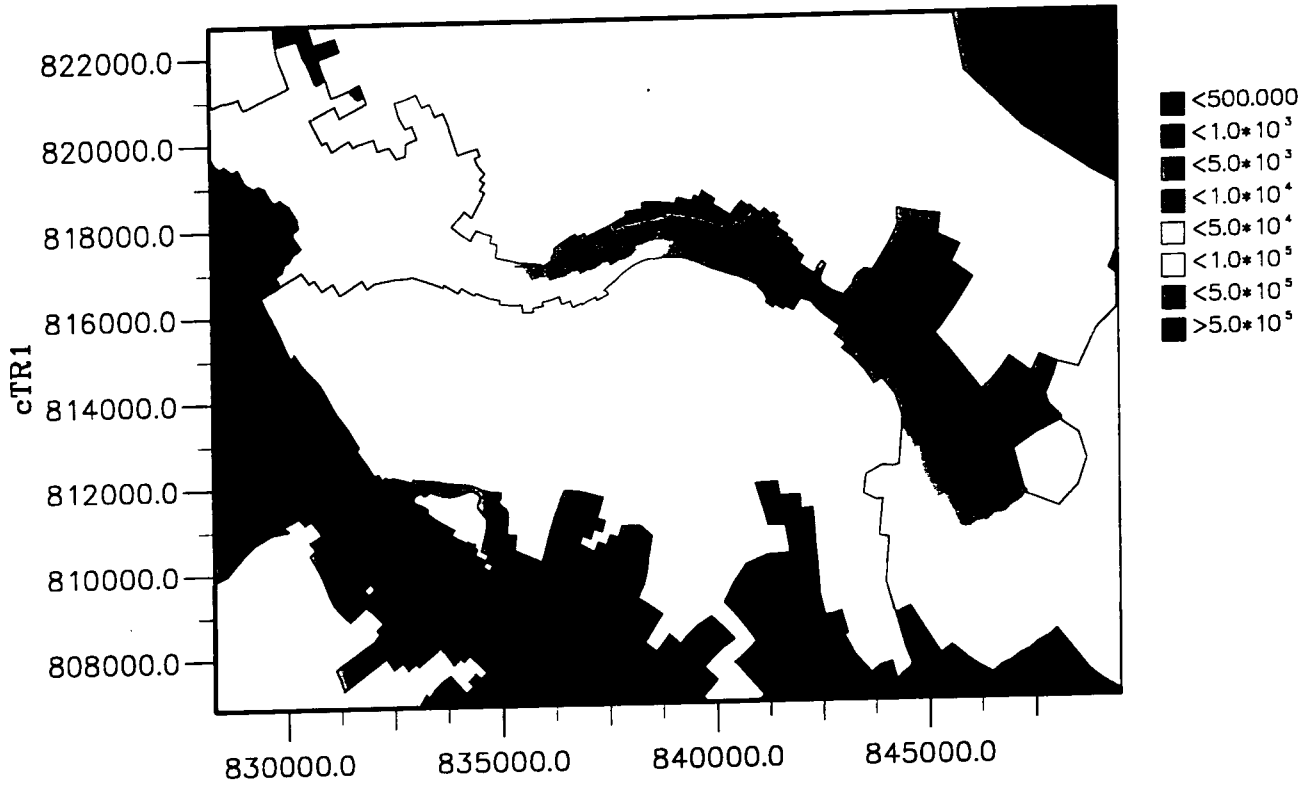


FIGURE 55

SCENARIO: TEST 4 WET SEASON 1997
 TRACER RELEASED AT KAI TAK NULLAH ($8.64e7 \text{ no/m}^3$)
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management



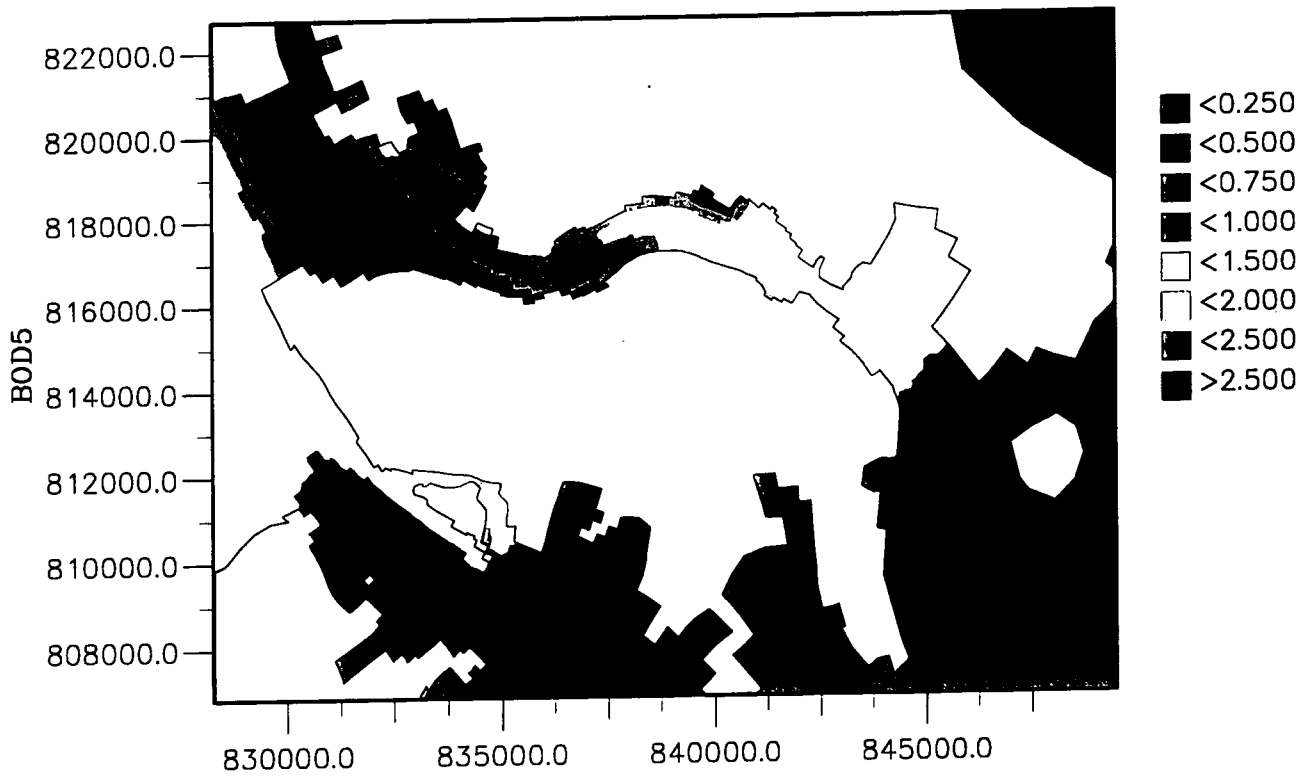
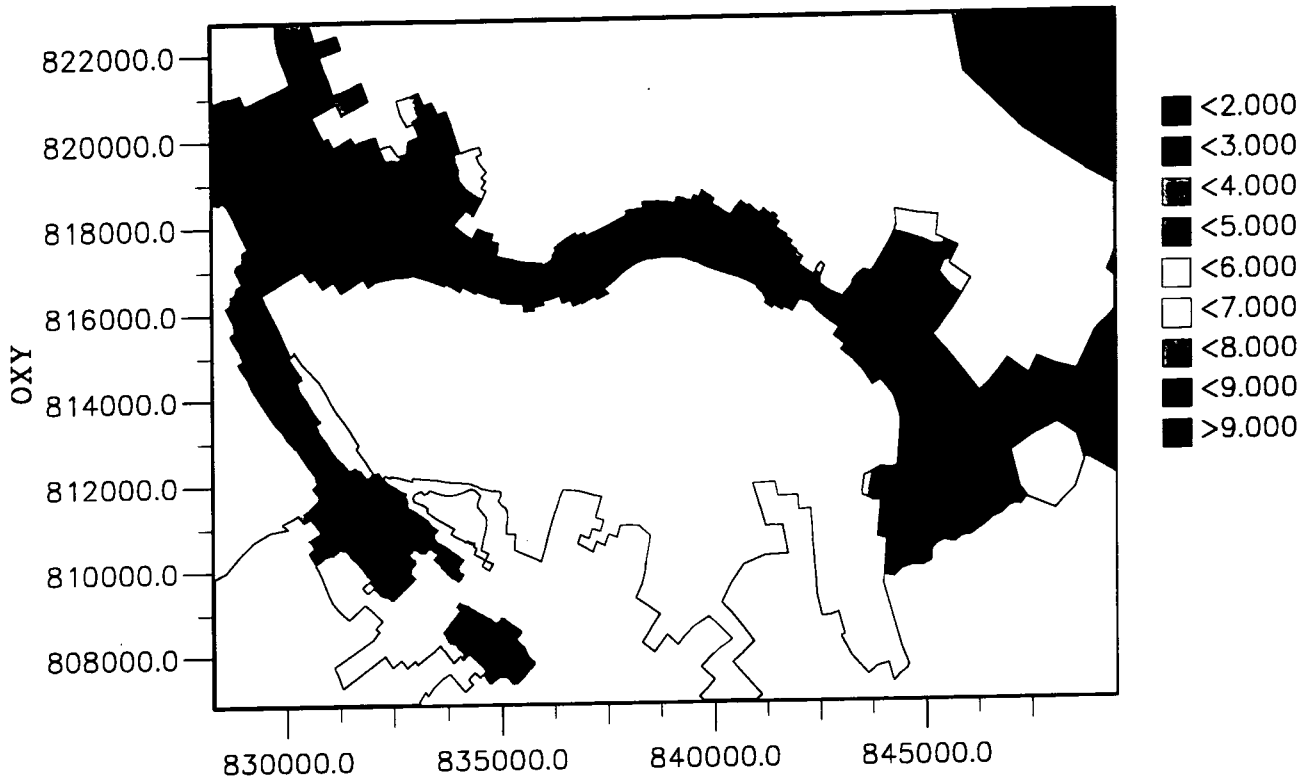


FIGURE 56

SCENARIO: TEST 5 WET SEASON 2012
 DEPTH AVERAGED
 UPPER: OXYGEN (mg/l); LOWER: BOD5 (mg/l)

Environmental
 Resources
 Management



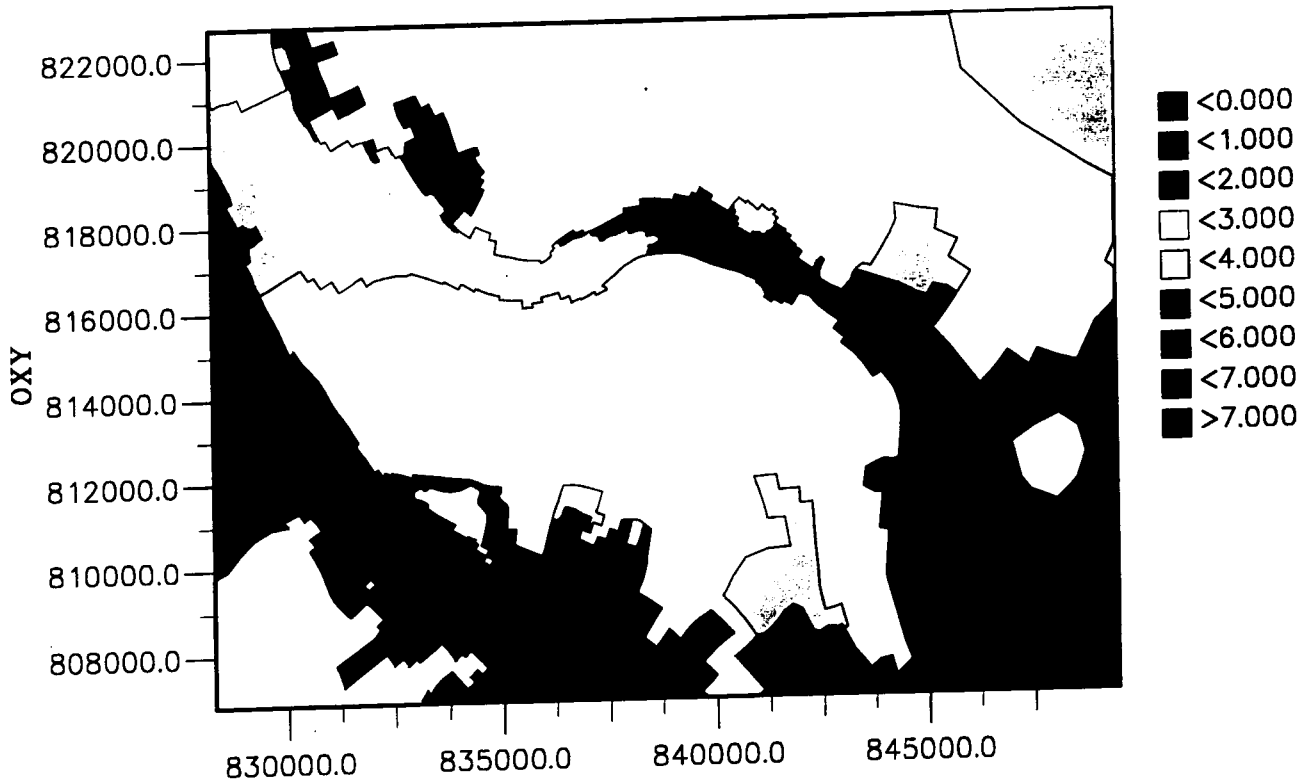
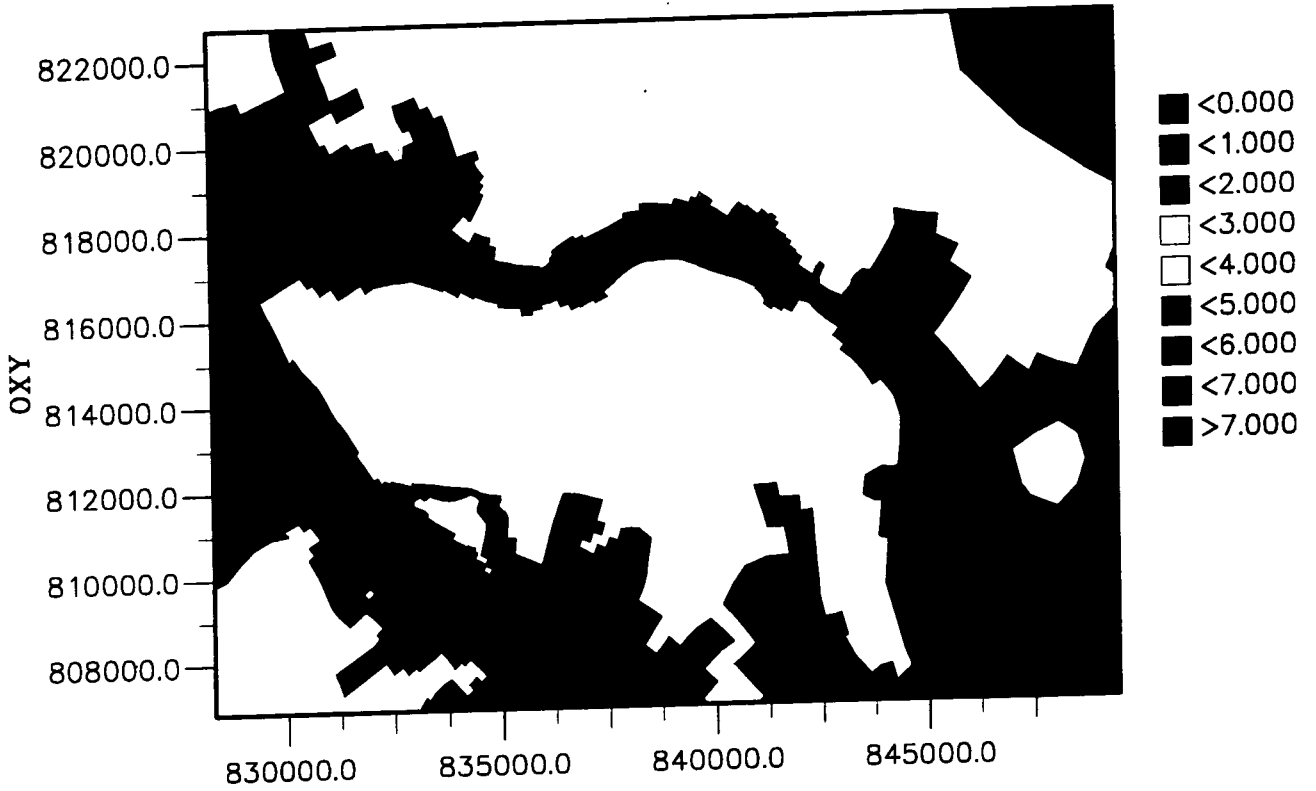


FIGURE 57

SCENARIO: TEST 5 WET SEASON 2012
 MINIMUM OXYGEN CONCENTRATION (mg/l)
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management



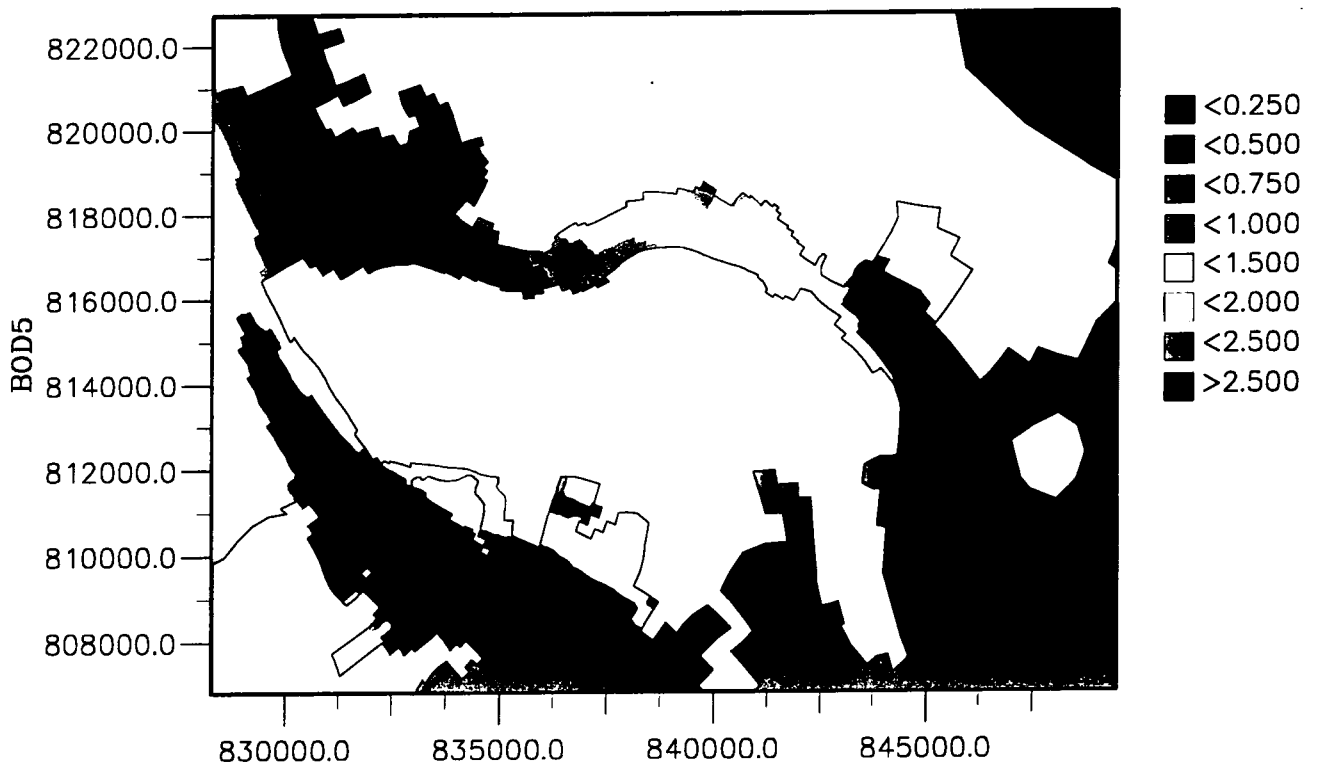
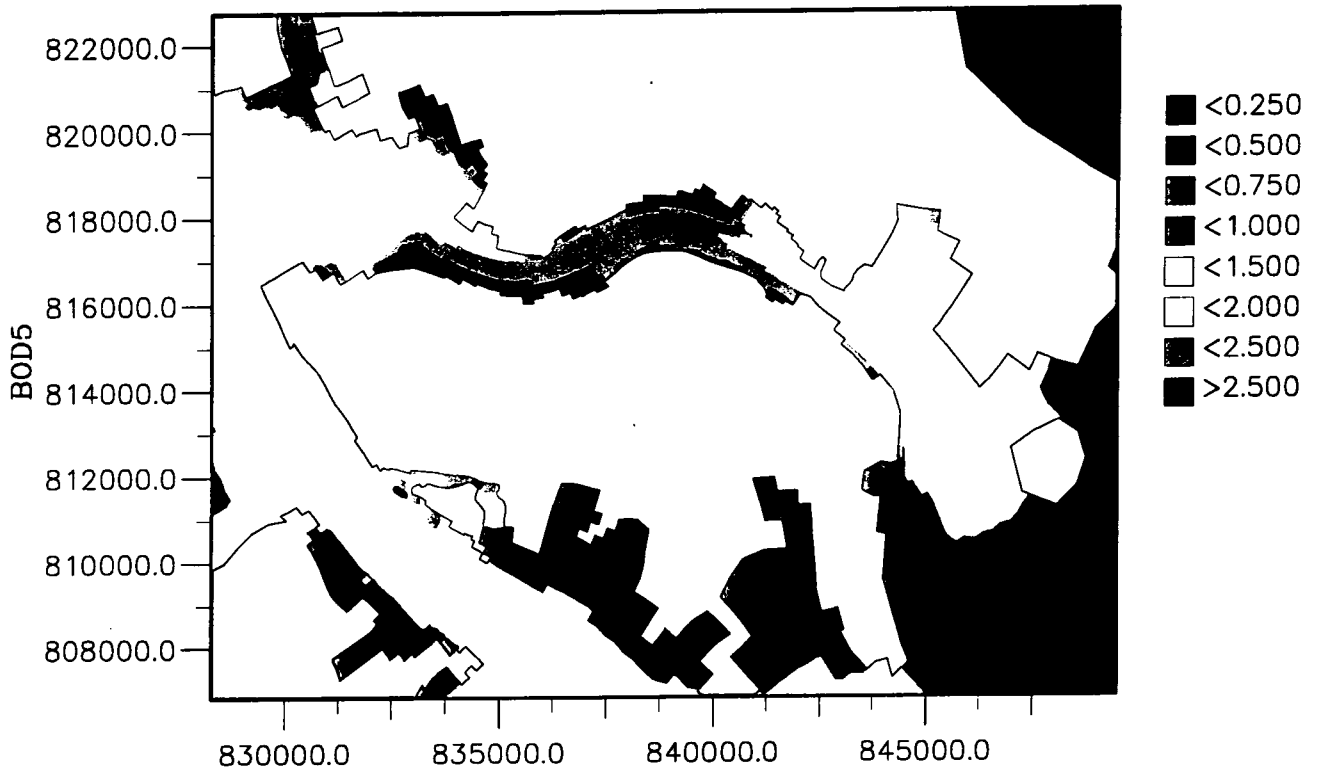


FIGURE 58

SCENARIO: TEST 5 WET SEASON 2012
BOD5 (mg/l); NEAP/SPRING AVERAGED
UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
Resources
Management



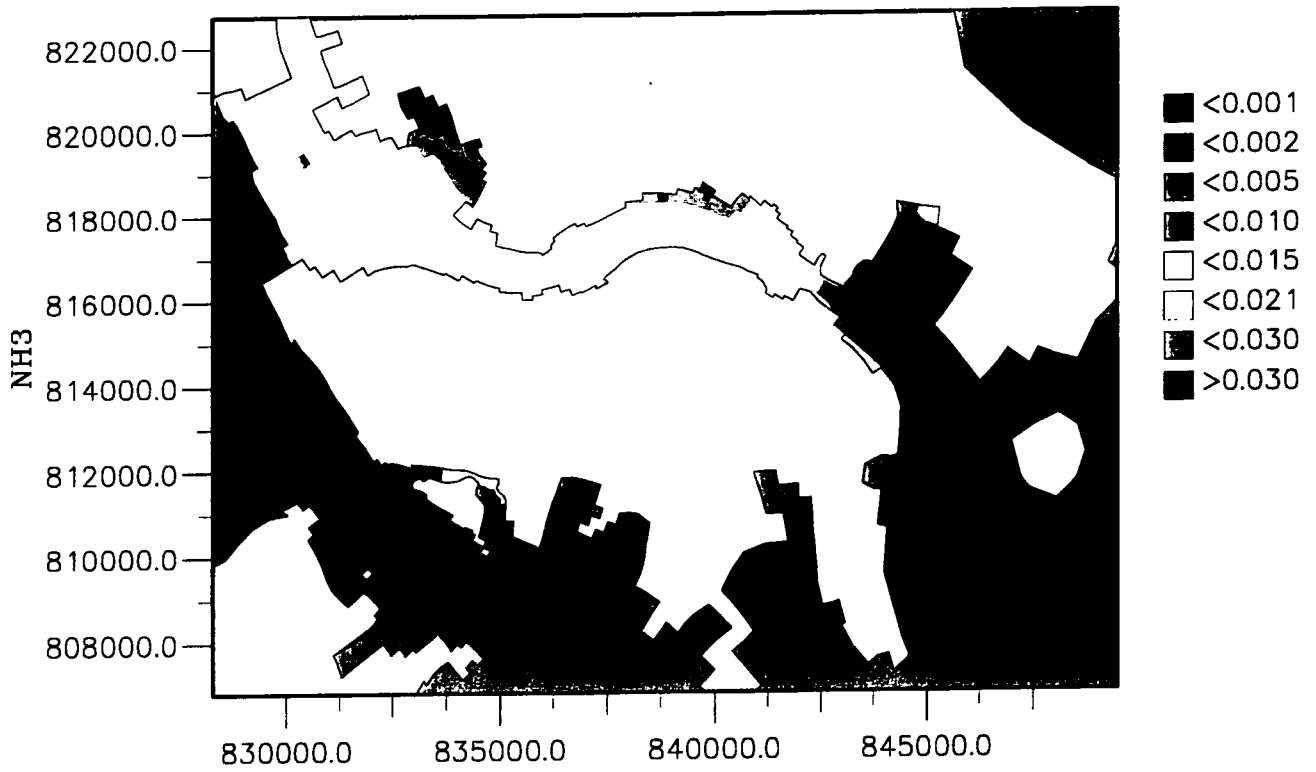
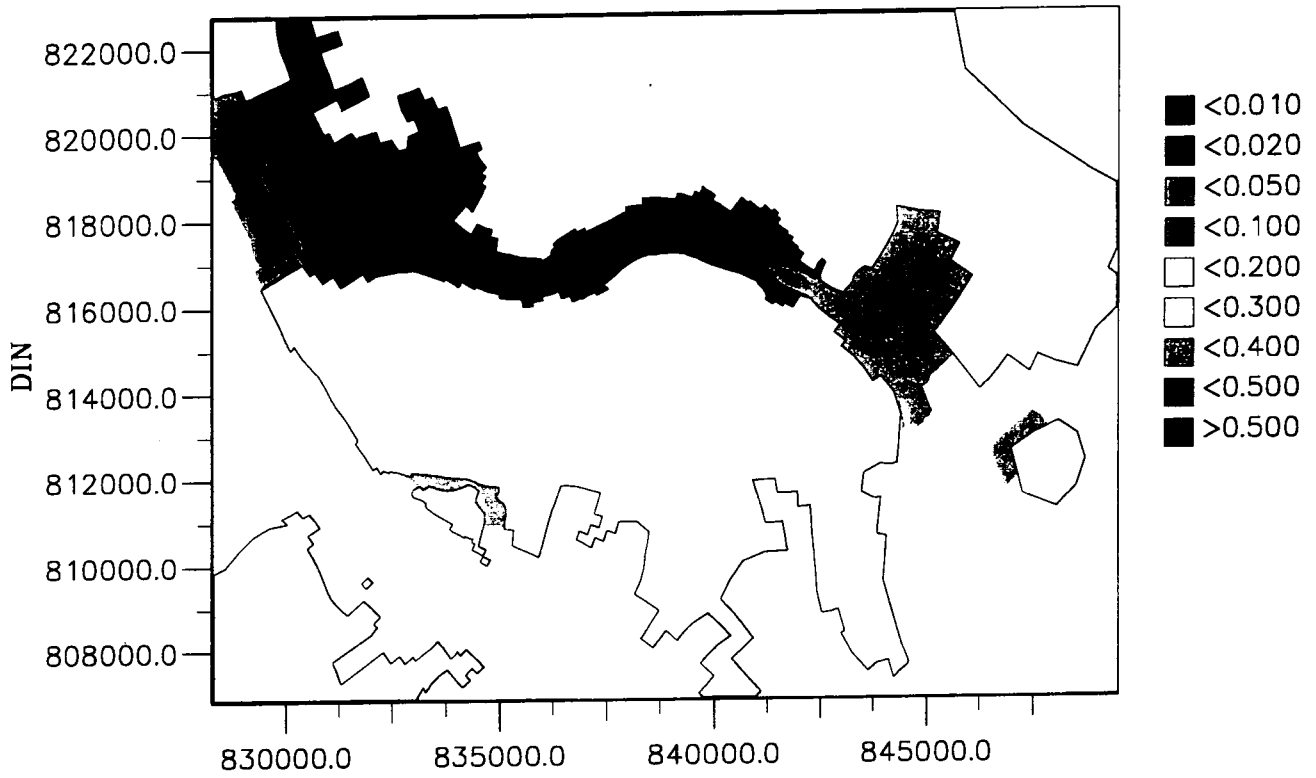


FIGURE 59

SCENARIO: TEST 5 WET SEASON 2012
 DEPTH AVERAGED
 UPPER: DIS. INORG. N (mgN/l); LOWER: NH3 (mgN/l)

Environmental
 Resources
 Management



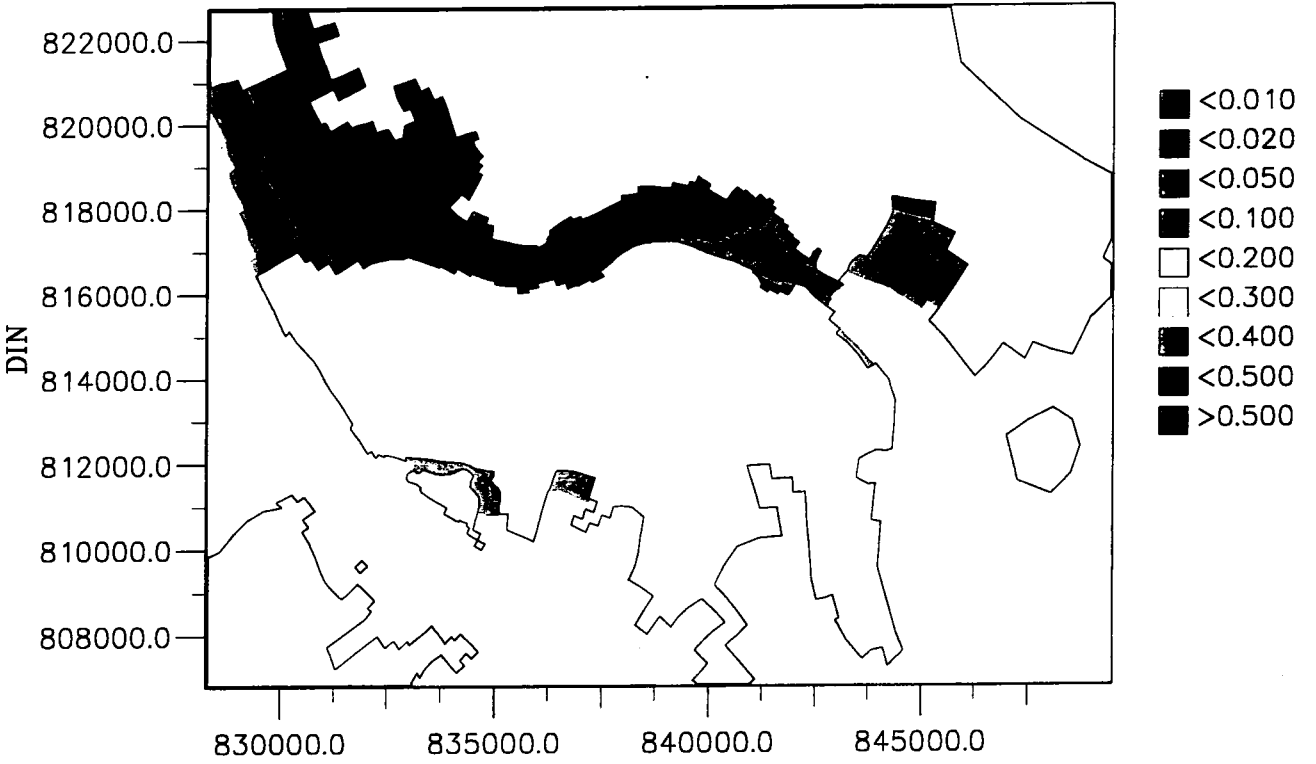
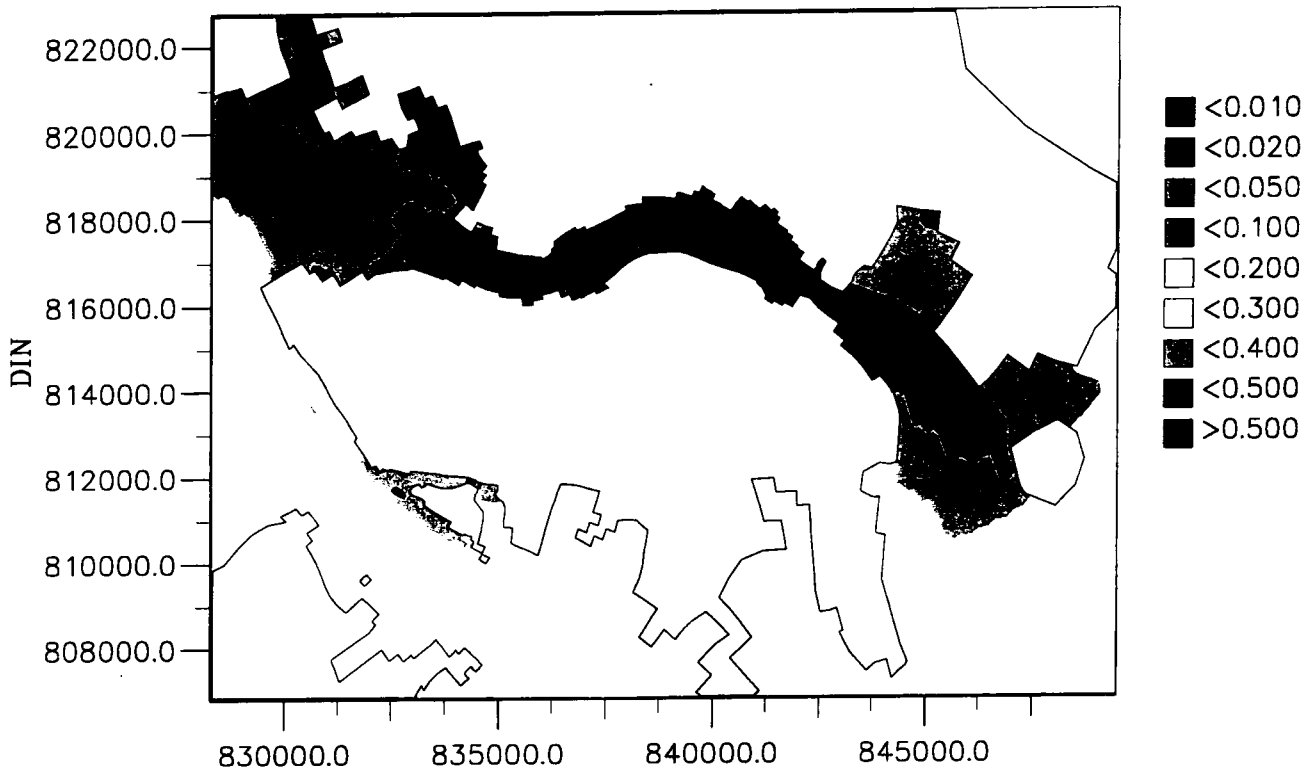


FIGURE 60

SCENARIO: TEST 5 WET SEASON 2012
DISSOLVED INORGANIC NITROGEN (mgN/l)
UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
Resources
Management



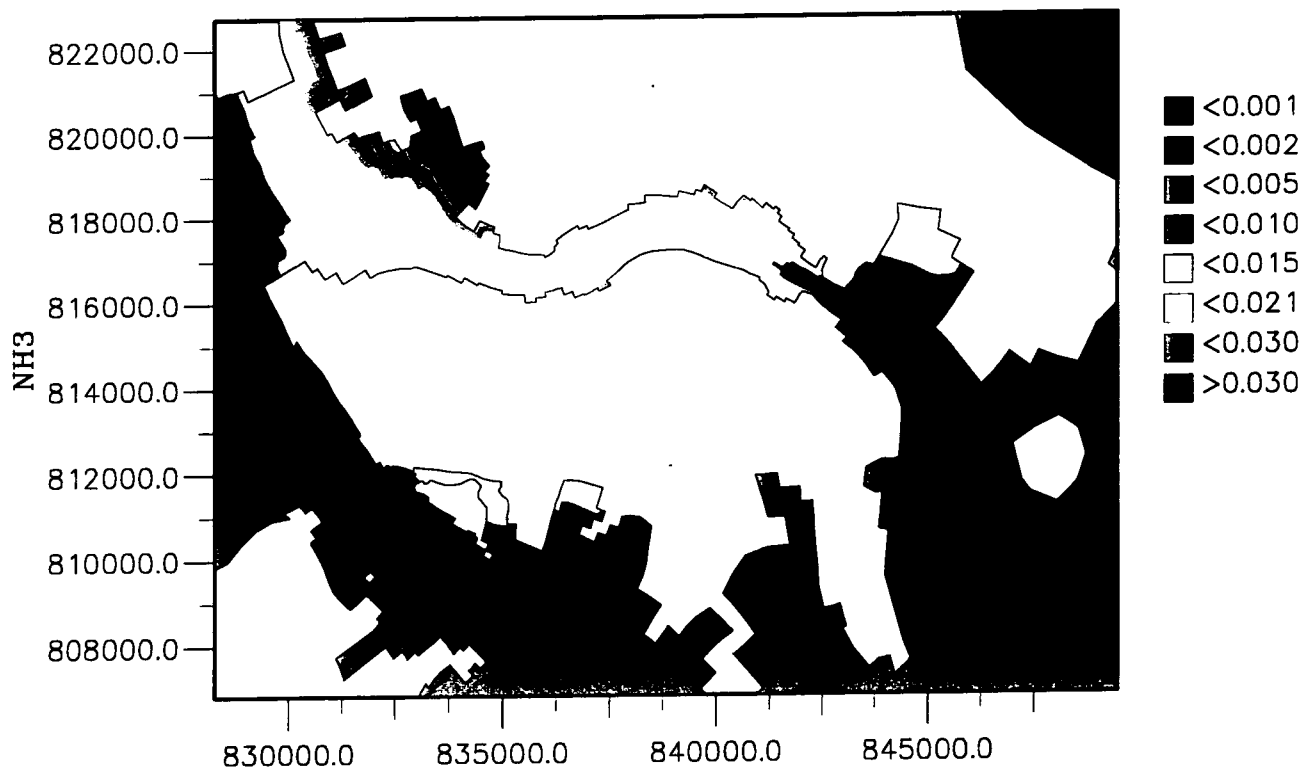


FIGURE 61

SCENARIO: TEST 5 WET SEASON 2012
 UNIONISED AMMONIUM (mgN/l); NEAP/SPRING AVERAGED
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management



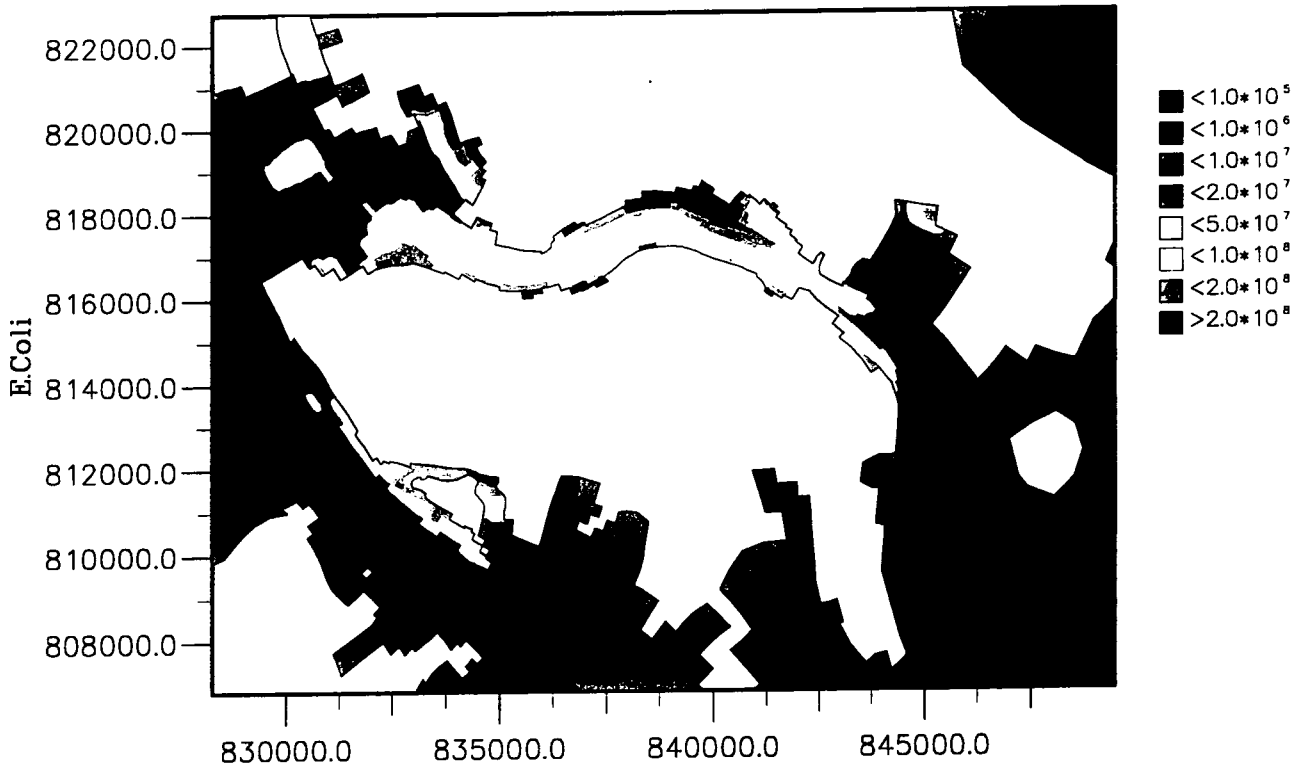
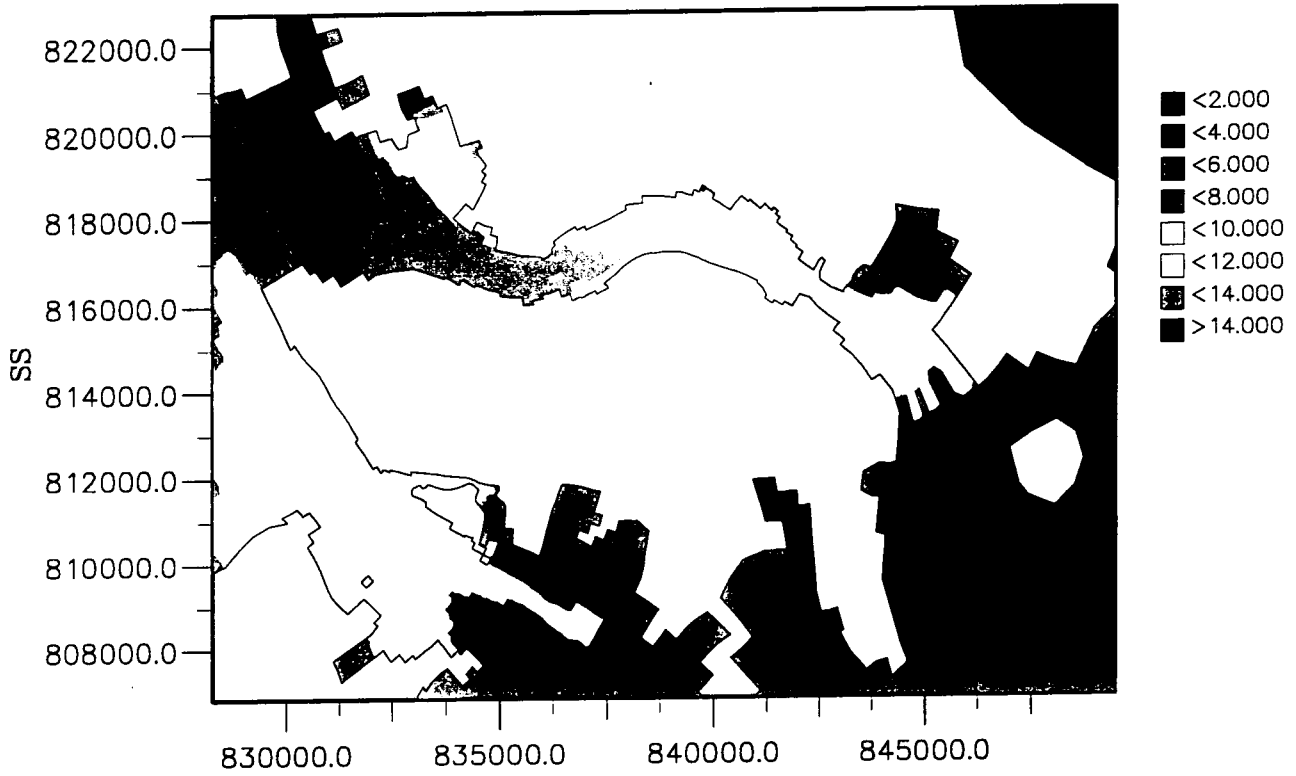


FIGURE 62

SCENARIO: TEST 5 WET SEASON 2012
 DEPTH AVERAGED
 UPPER: SUSP. SOLIDS (mg/l); LOWER: E. COLI (MPN/m³)

Environmental
 Resources
 Management



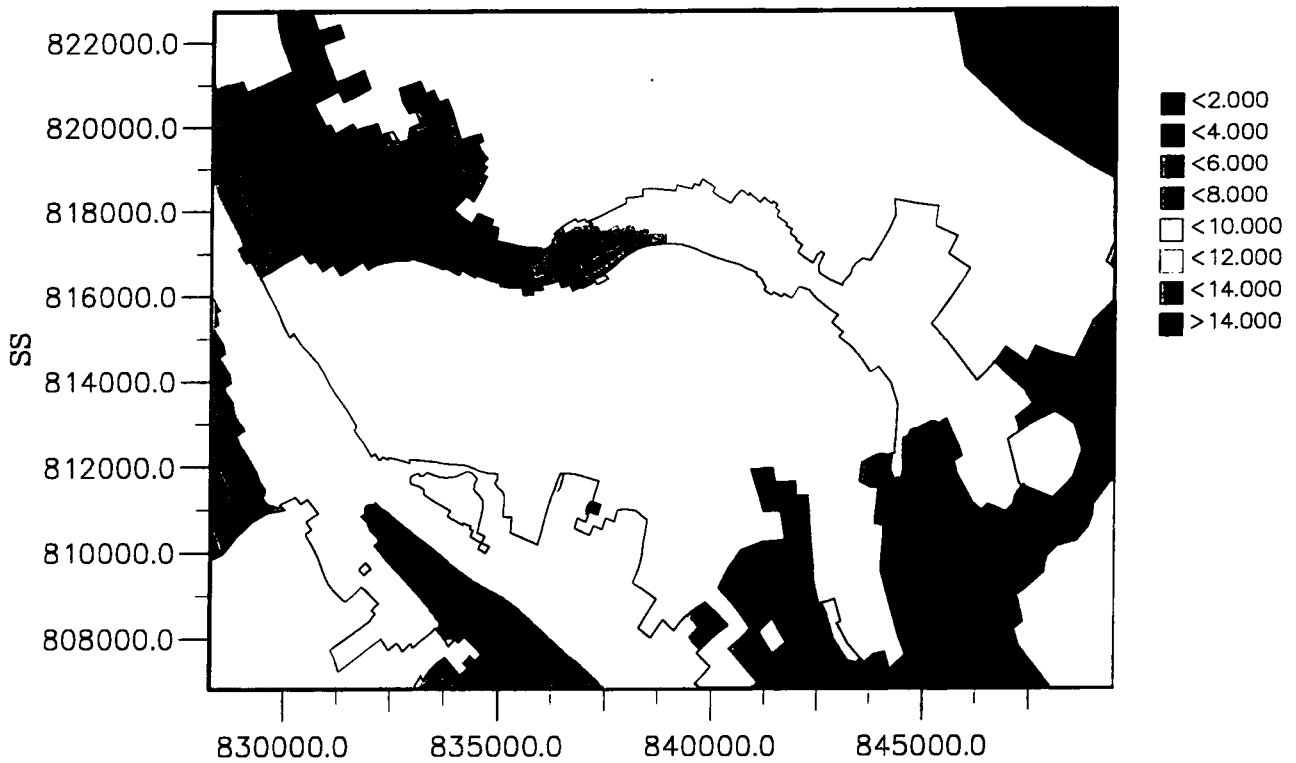
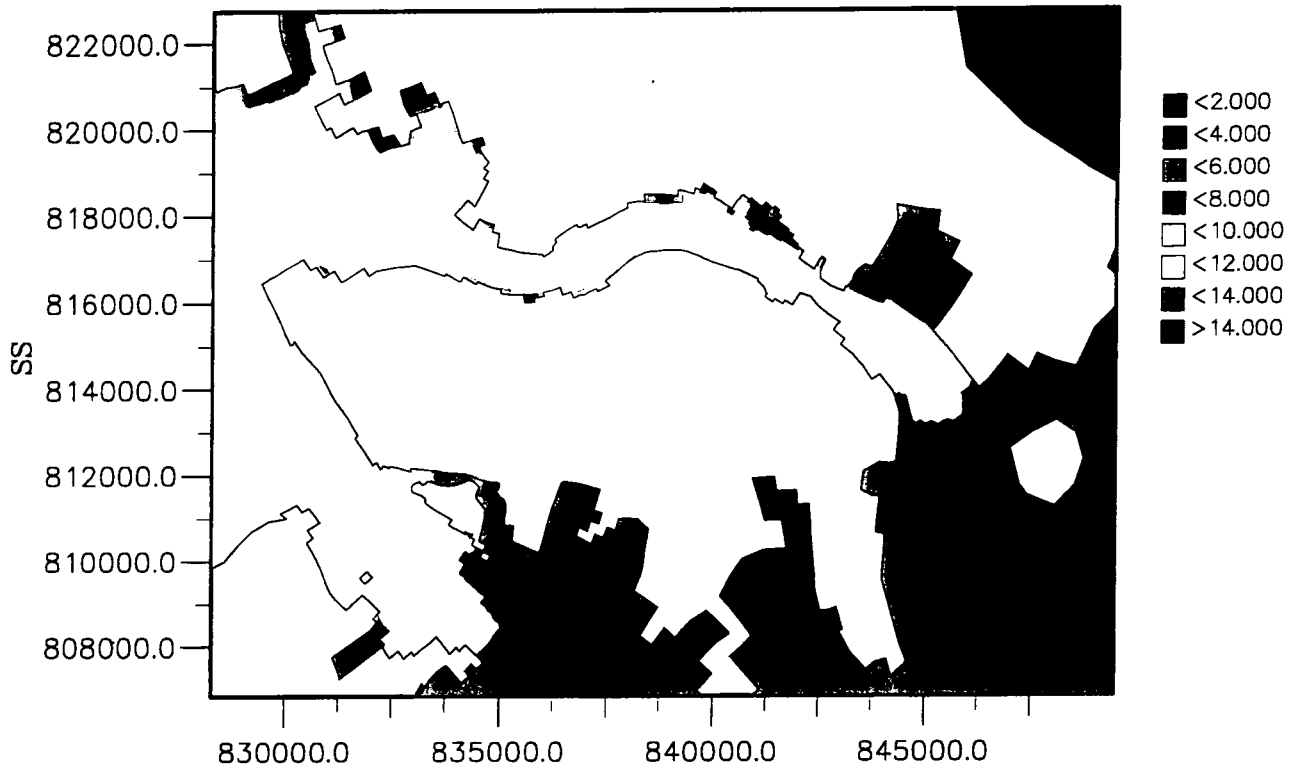


FIGURE 63

SCENARIO: TEST 5 WET SEASON 2012
SUSPENDED SOLIDS (mg/l); NEAP/SPRING AVERAGED
UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
Resources
Management



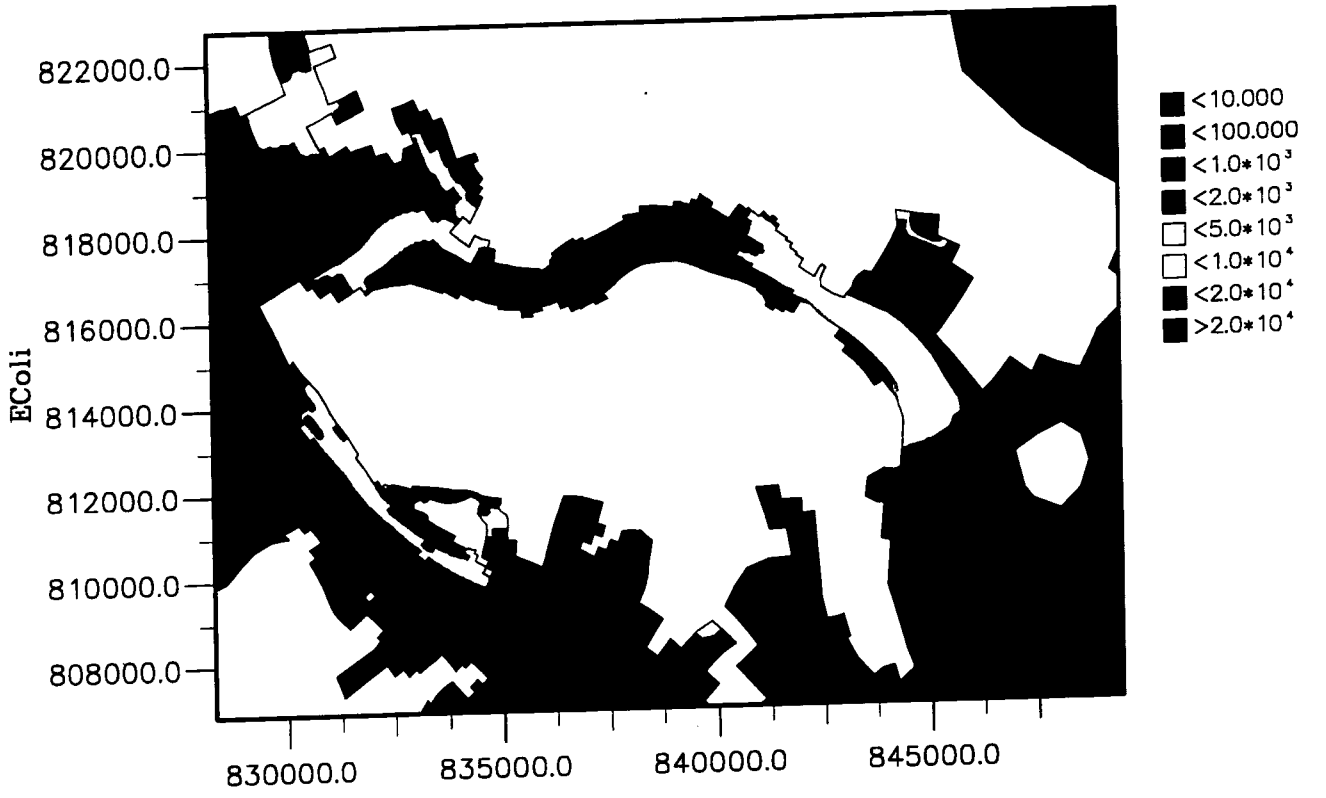


FIGURE 64

SCENARIO: TEST 5 WET SEASON 2012
 E. COLI GEOMETRIC MEAN (MPN/100ml)
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management



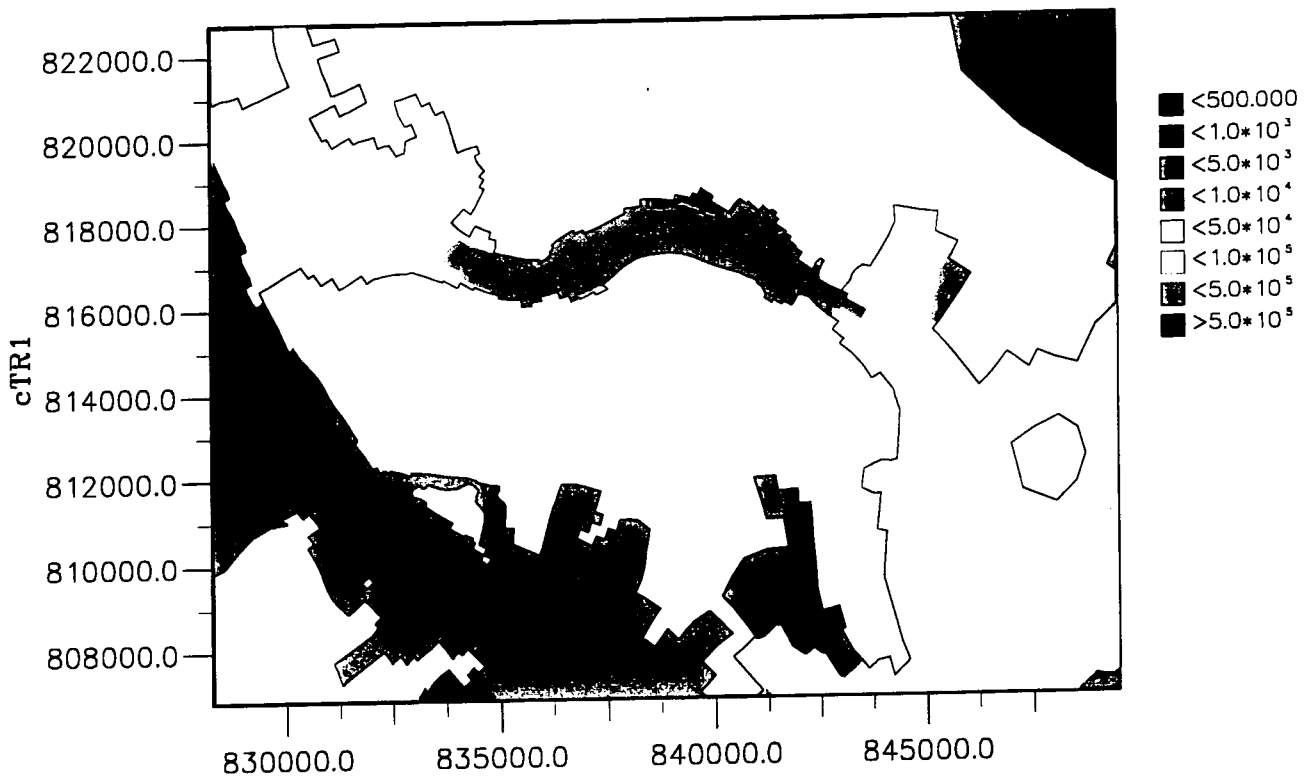
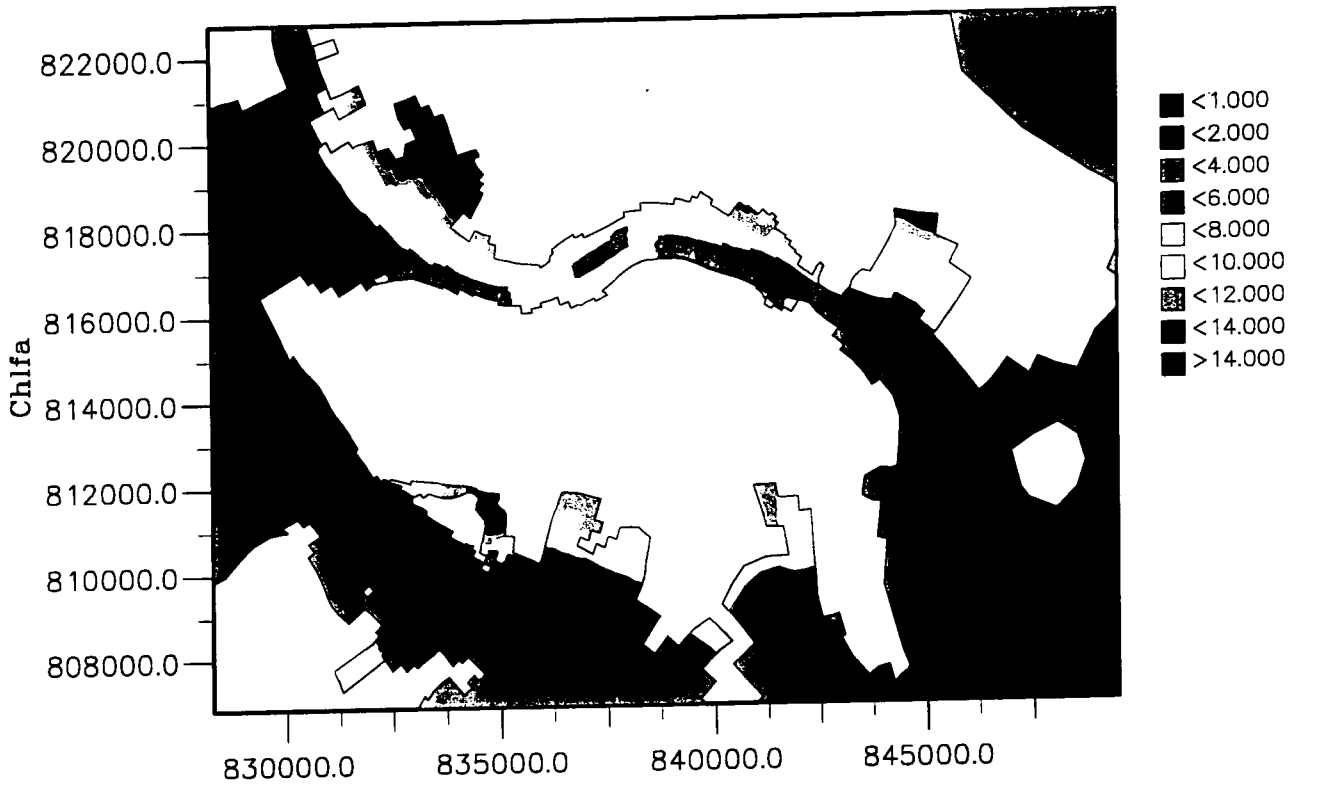


FIGURE 65

SCENARIO: TEST 5 WET SEASON 2012
 DEPTH AVERAGED
 UPPER: CHLOROPHYLL-A (ug/l); LOWER: TRACER (no./m³)

Environmental
 Resources
 Management



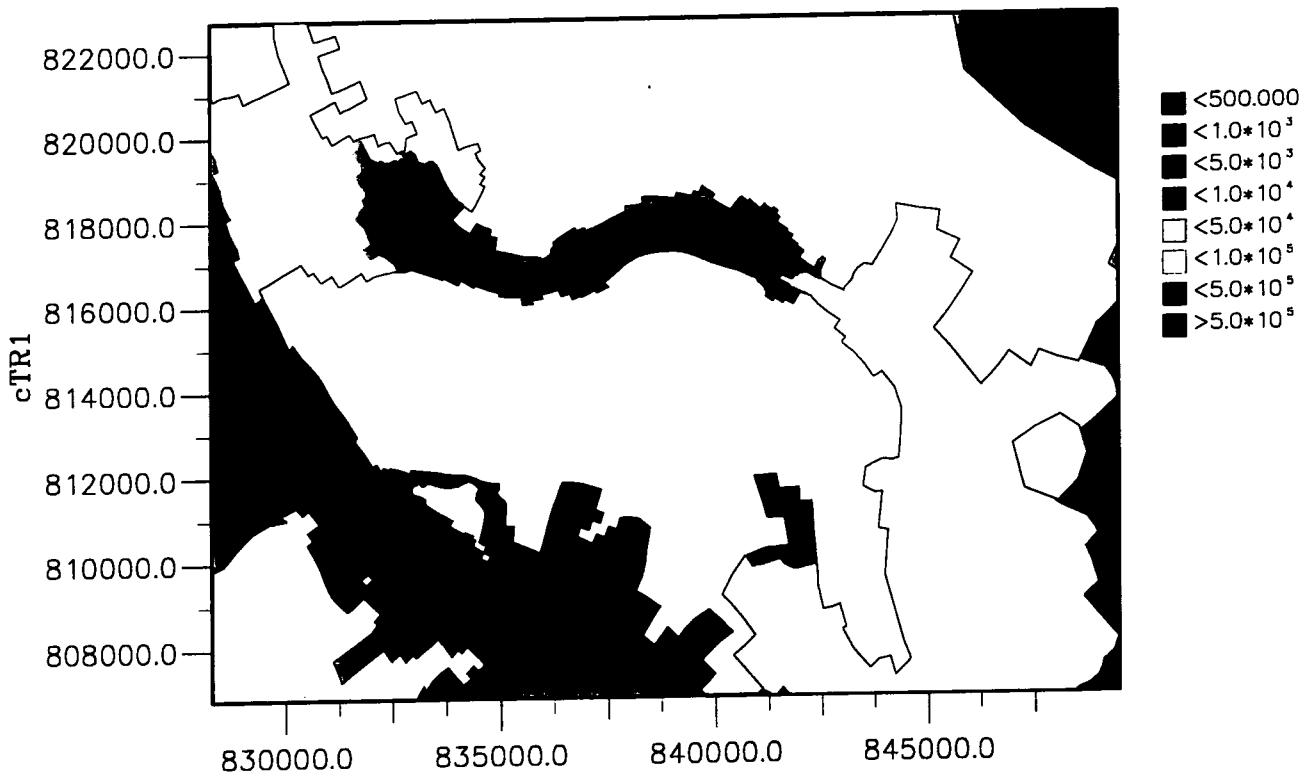
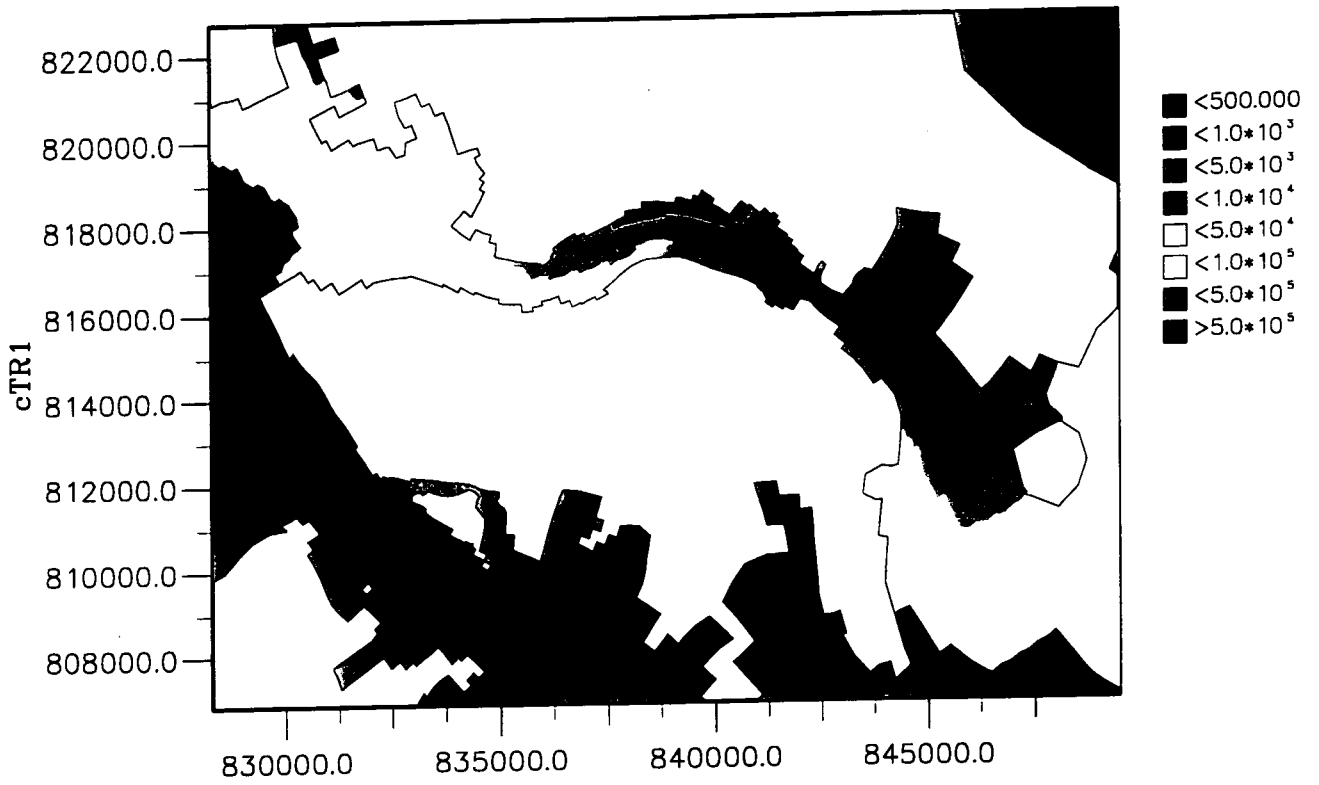


FIGURE 66

SCENARIO: TEST 5 WET SEASON 1997
 TRACER RELEASED AT KAI TAK NULLAH ($8.64e7 \text{ no/m}^3$)
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management



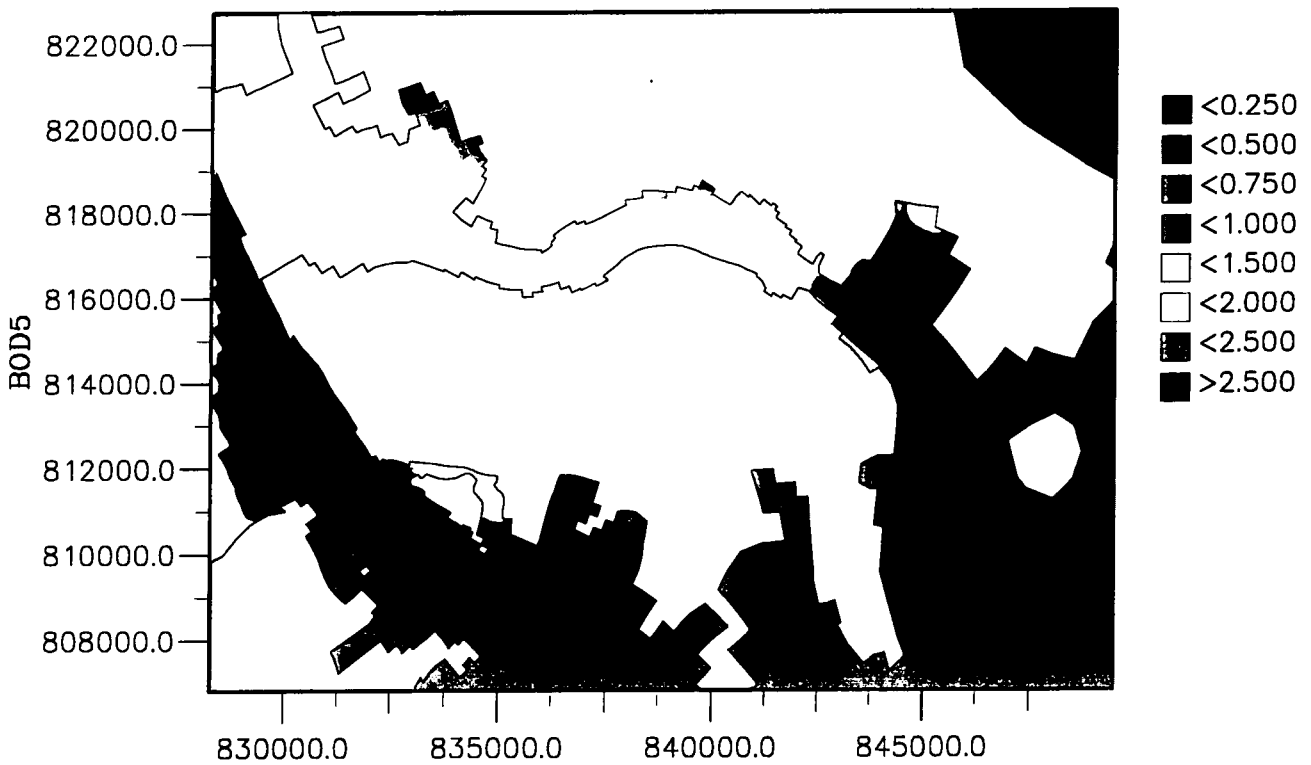
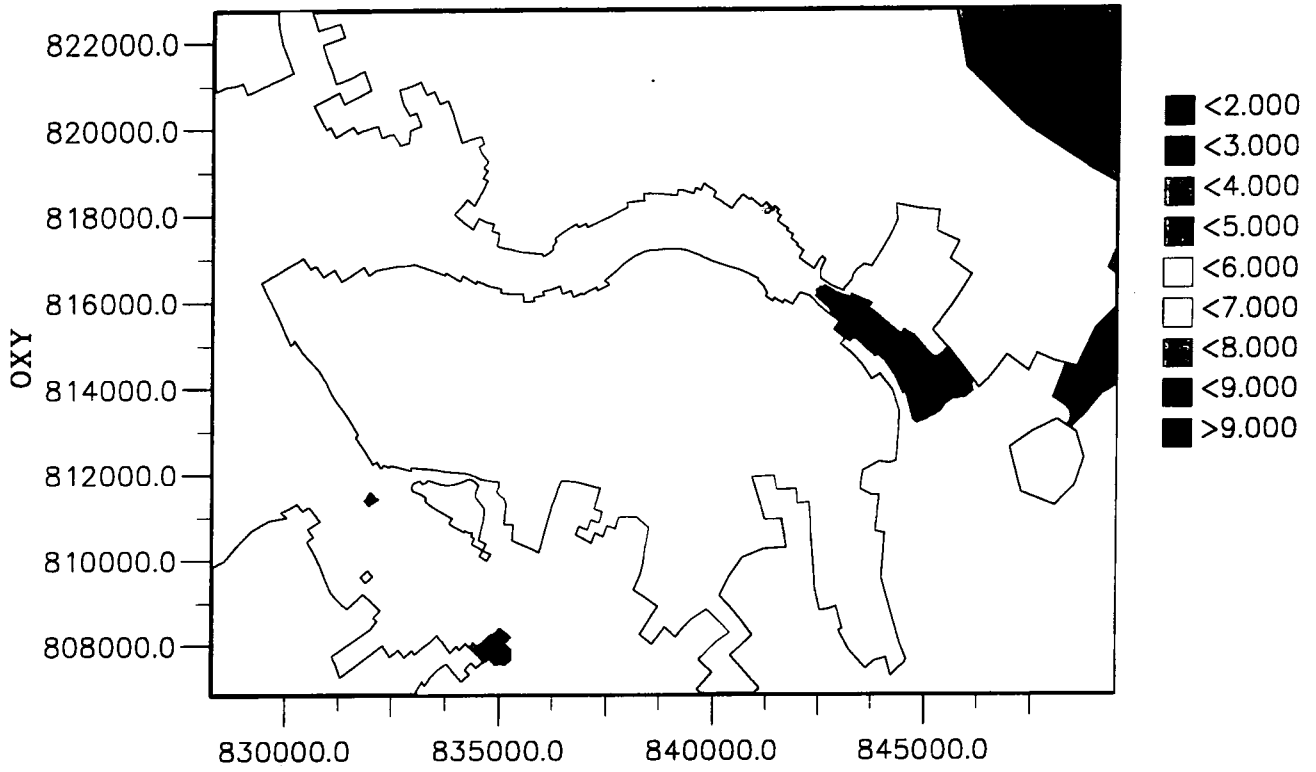


FIGURE 67

SCENARIO: TEST 6 WET SEASON 2012
DEPTH AVERAGED
UPPER: OXYGEN (mg/l); LOWER: BOD5 (mg/l)

Environmental
Resources
Management



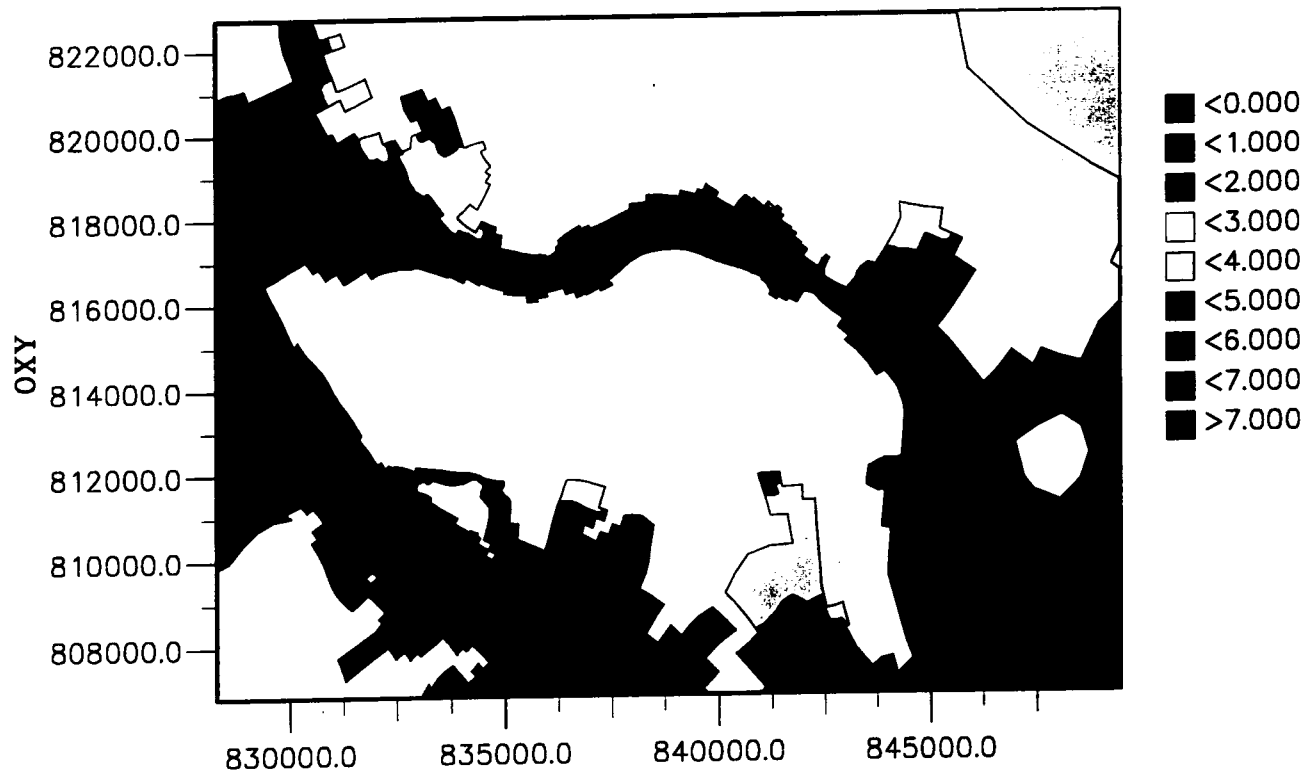
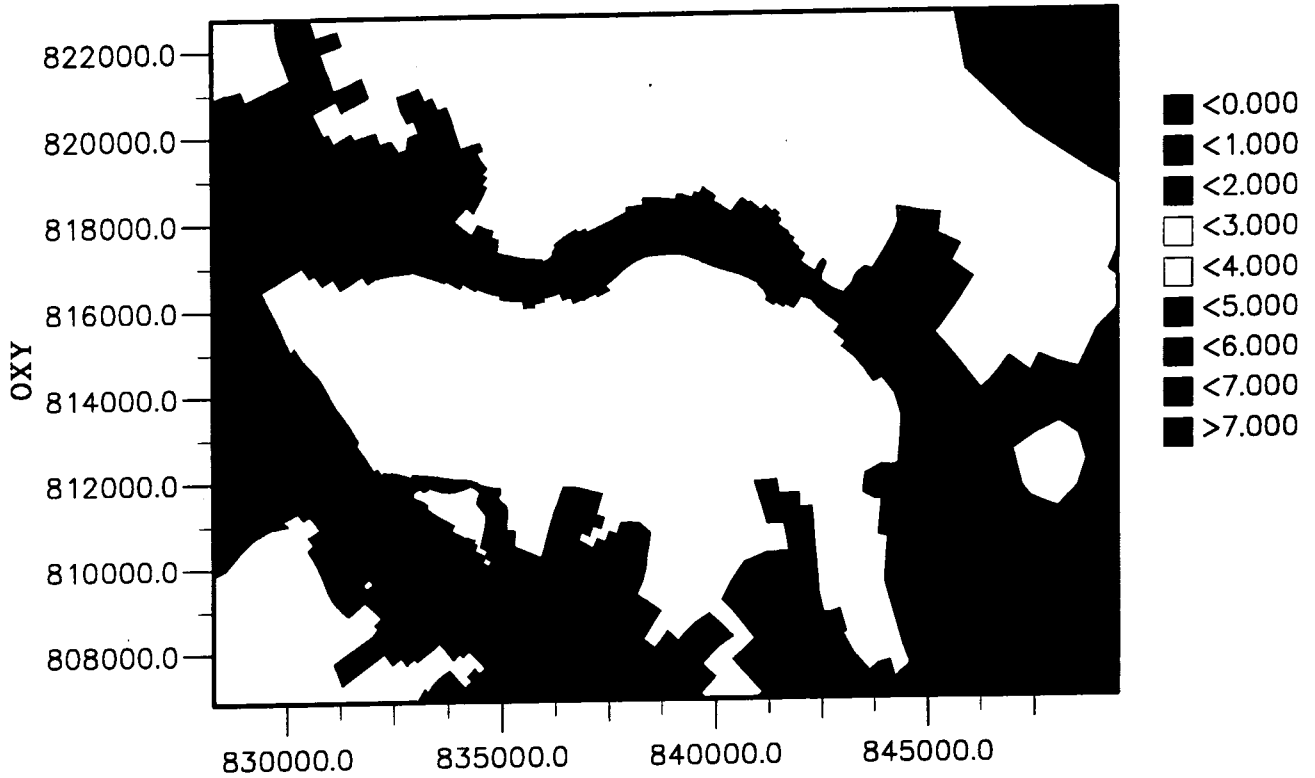


FIGURE 68

SCENARIO: TEST 6 WET SEASON 2012
 MINIMUM OXYGEN CONCENTRATION (mg/l)
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management



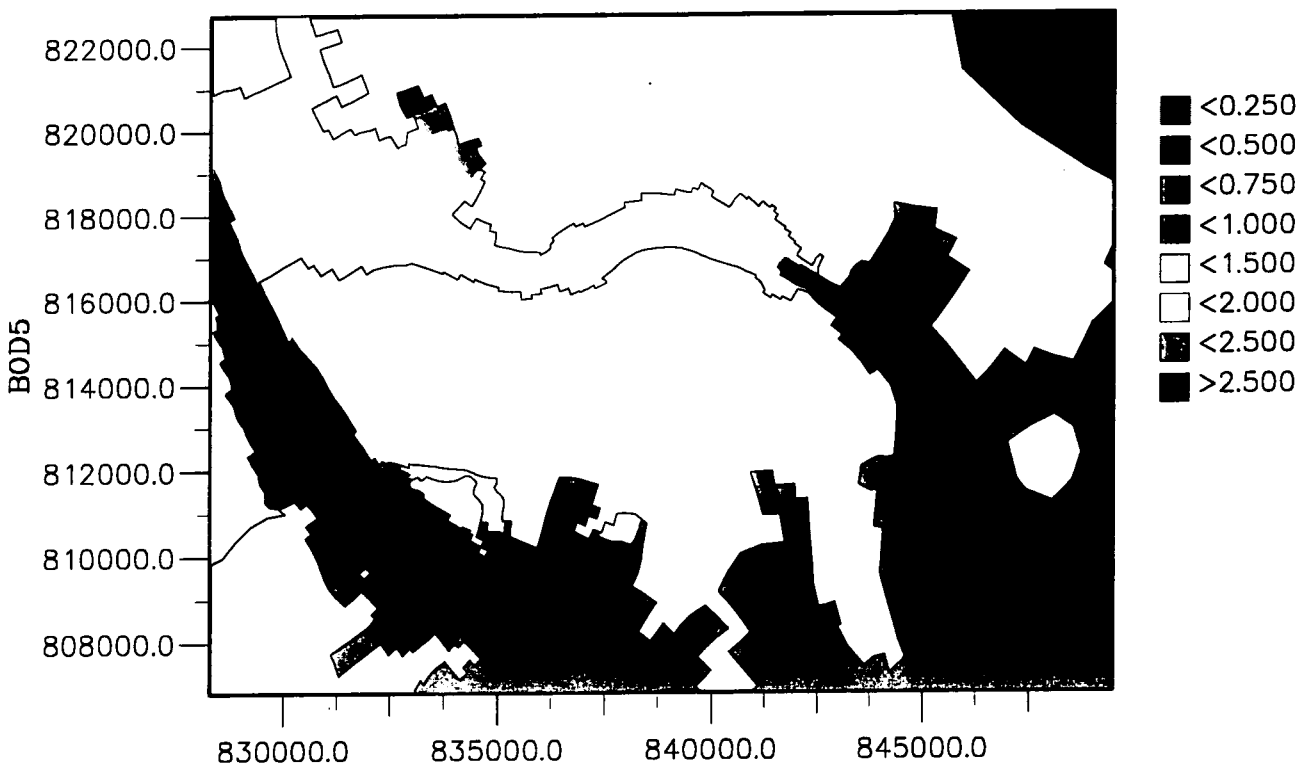
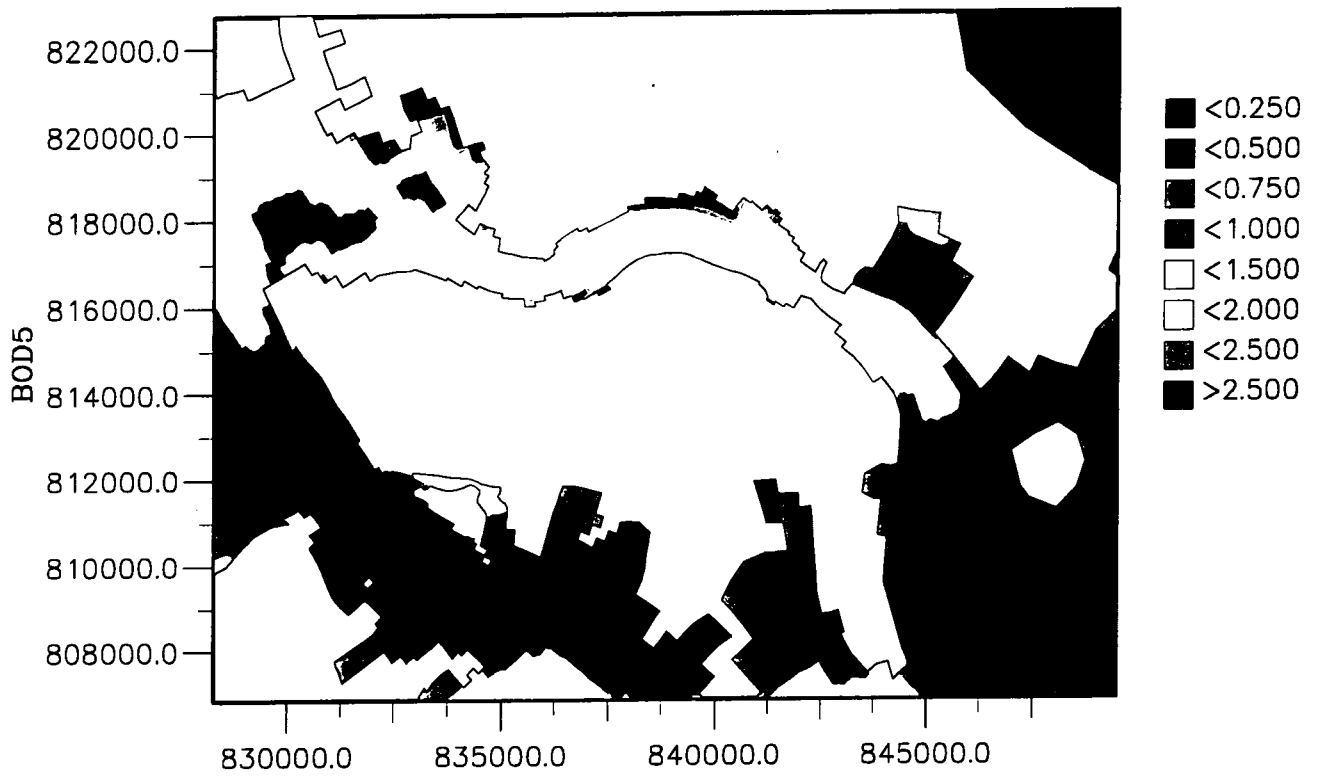


FIGURE 69

SCENARIO: TEST 6 WET SEASON 2012
BOD5 (mg/l); NEAP/SPRING AVERAGED
UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
Resources
Management



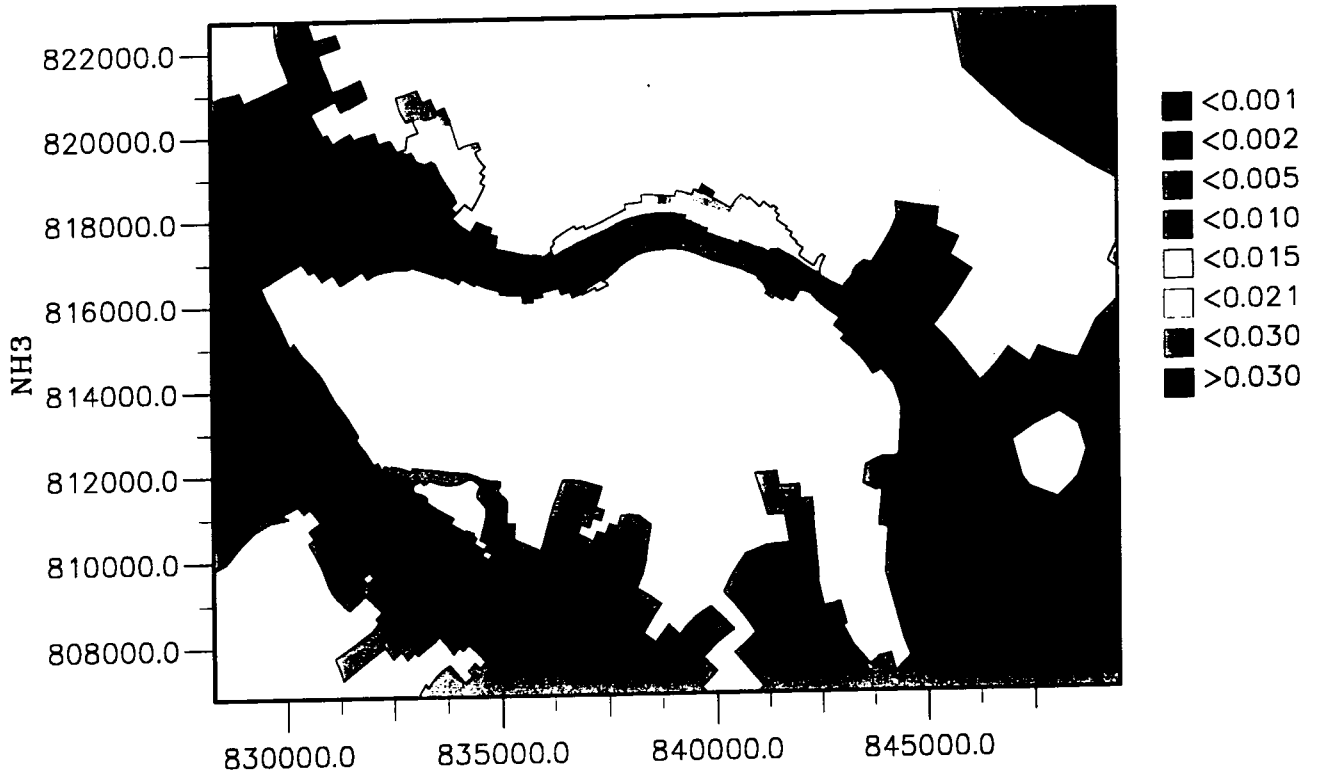
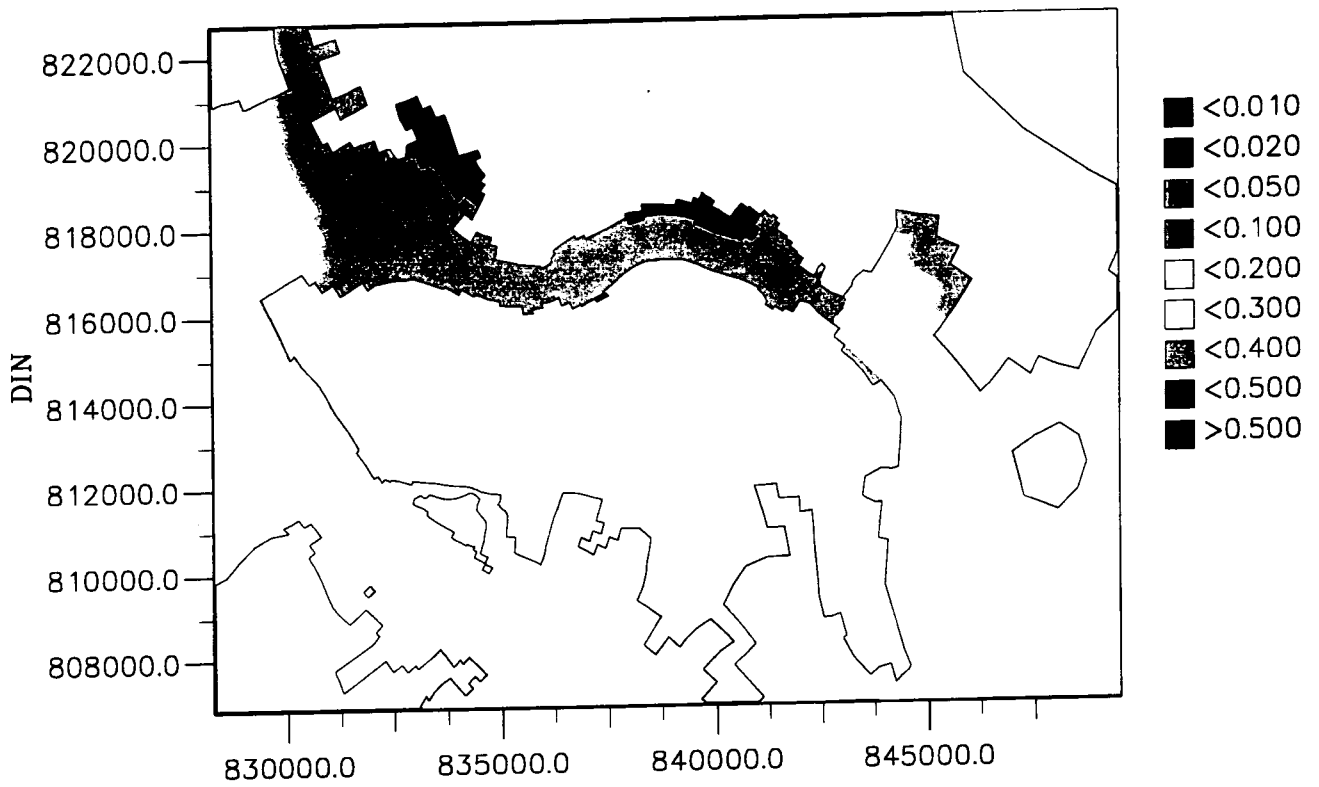


FIGURE 70

SCENARIO: TEST 6 WET SEASON 2012
DEPTH AVERAGED
UPPER: DIS. INORG. N (mgN/l); LOWER: NH3 (mgN/l)

Environmental
Resources
Management



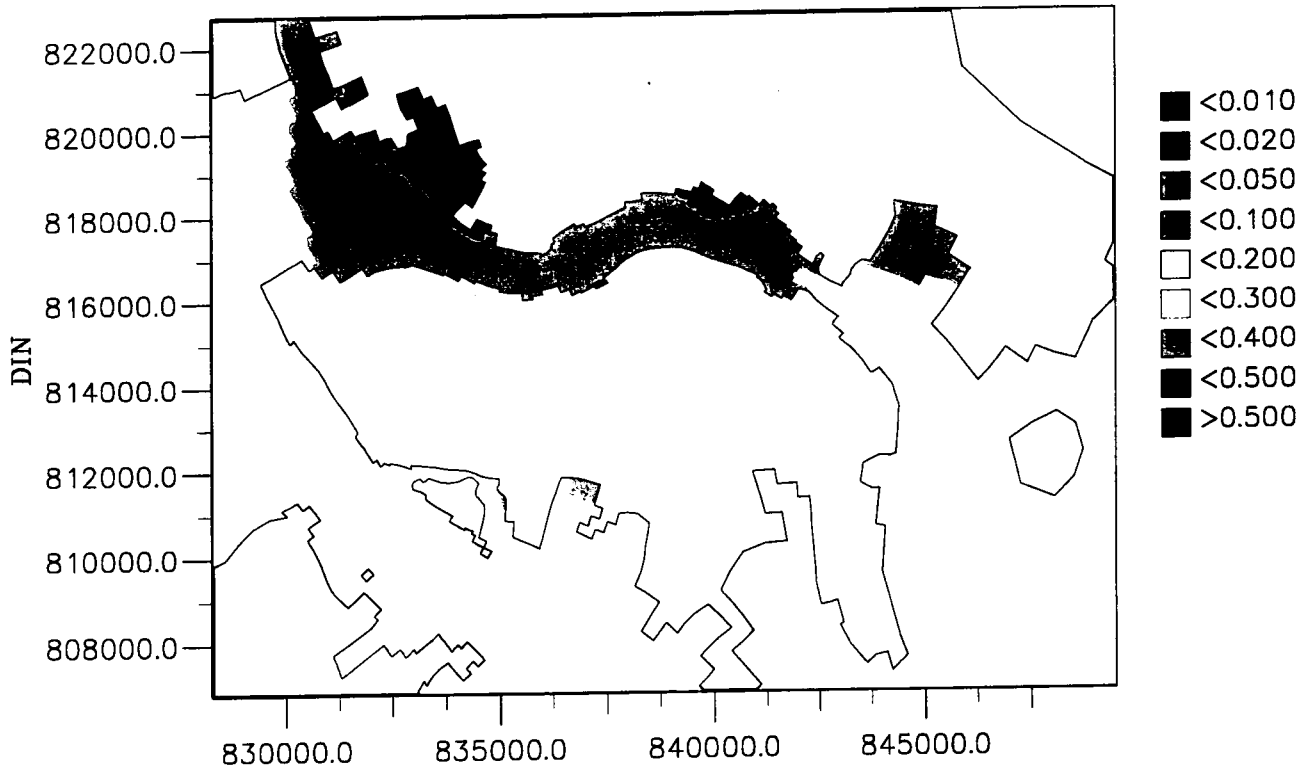
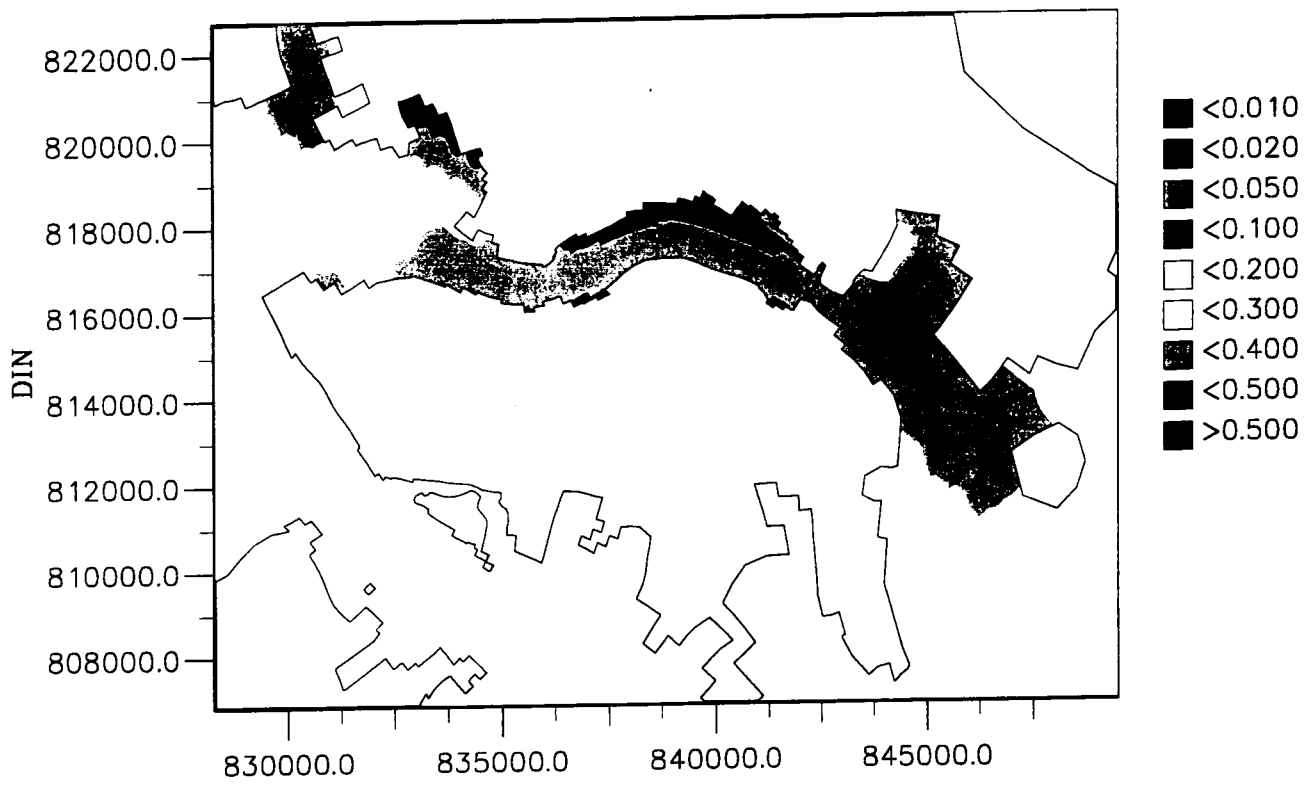


FIGURE 71

SCENARIO: TEST 6 WET SEASON 2012
DISSOLVED INORGANIC NITROGEN (mgN/l)
UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
Resources
Management



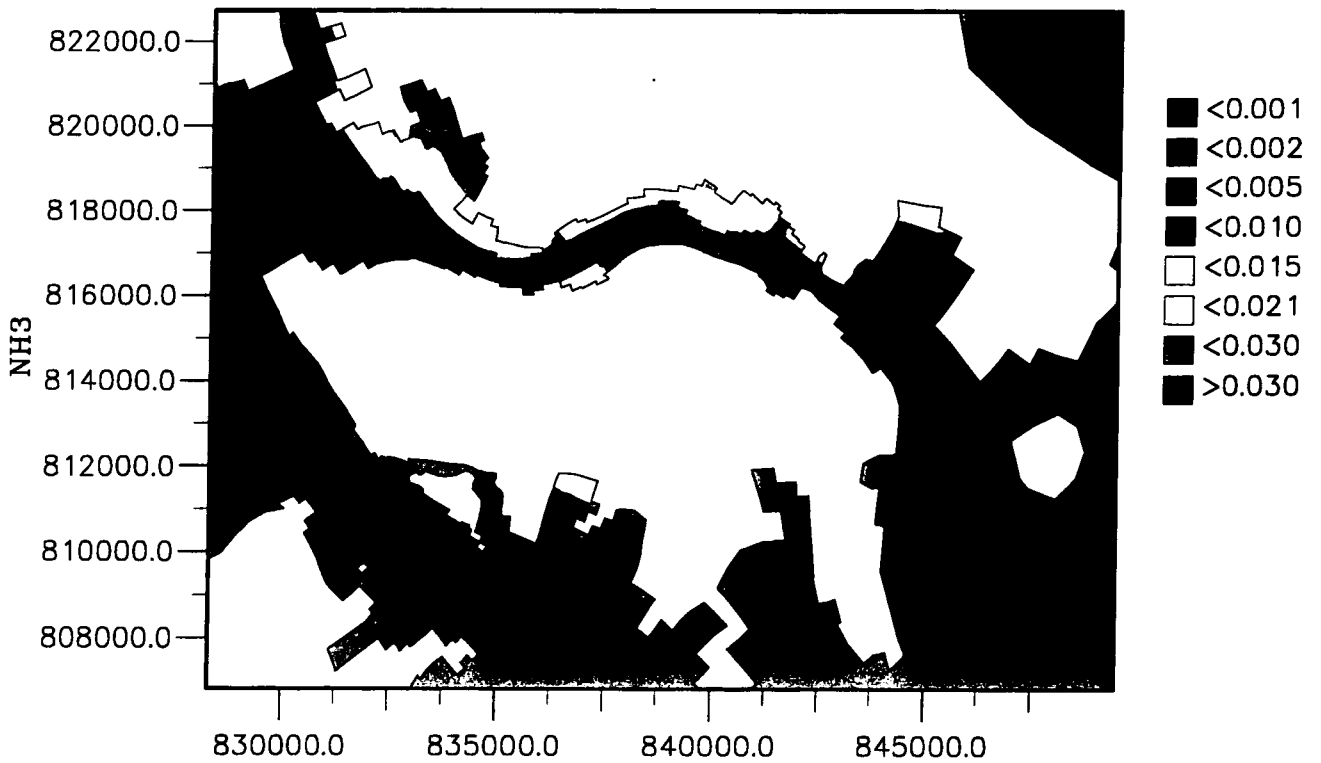
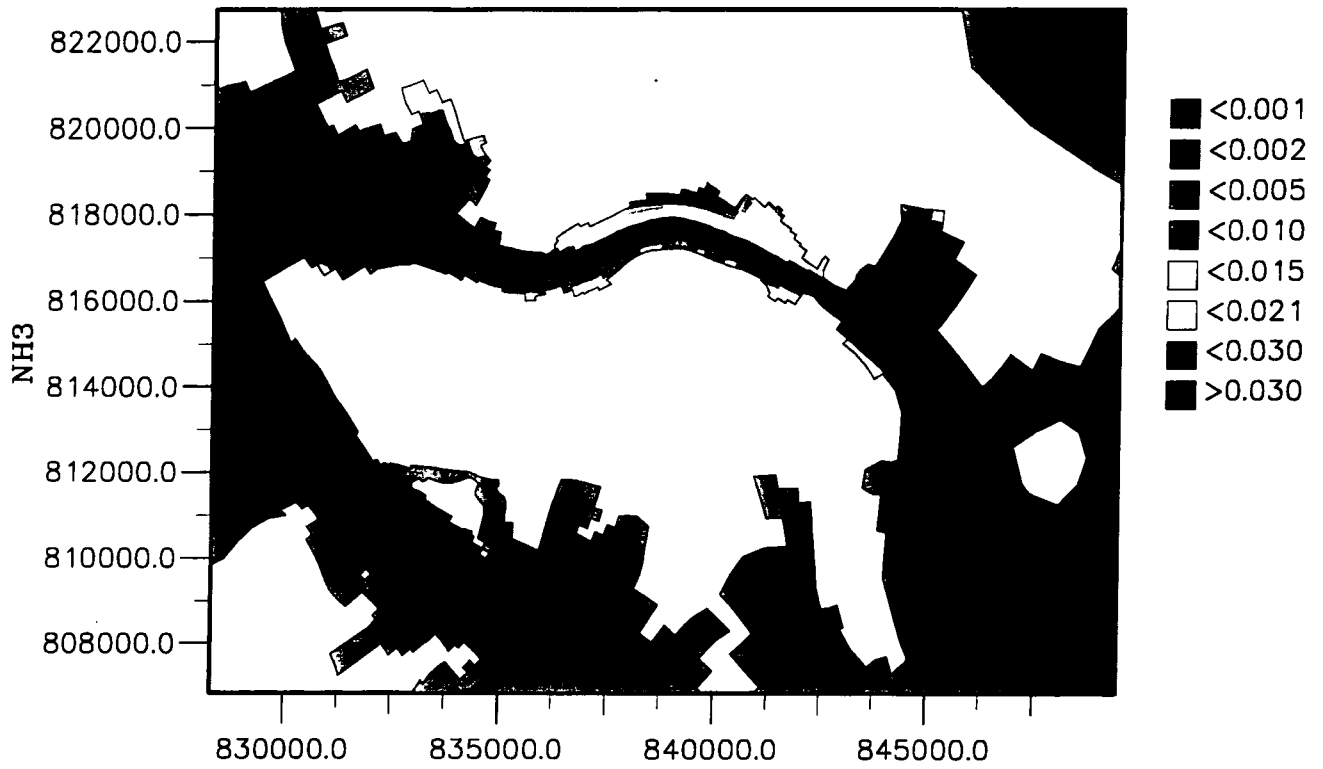


FIGURE 72

SCENARIO: TEST 6 WET SEASON 2012
UNIONISED AMMONIUM (mgN/l); NEAP/SPRING AVERAGED
UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
Resources
Management



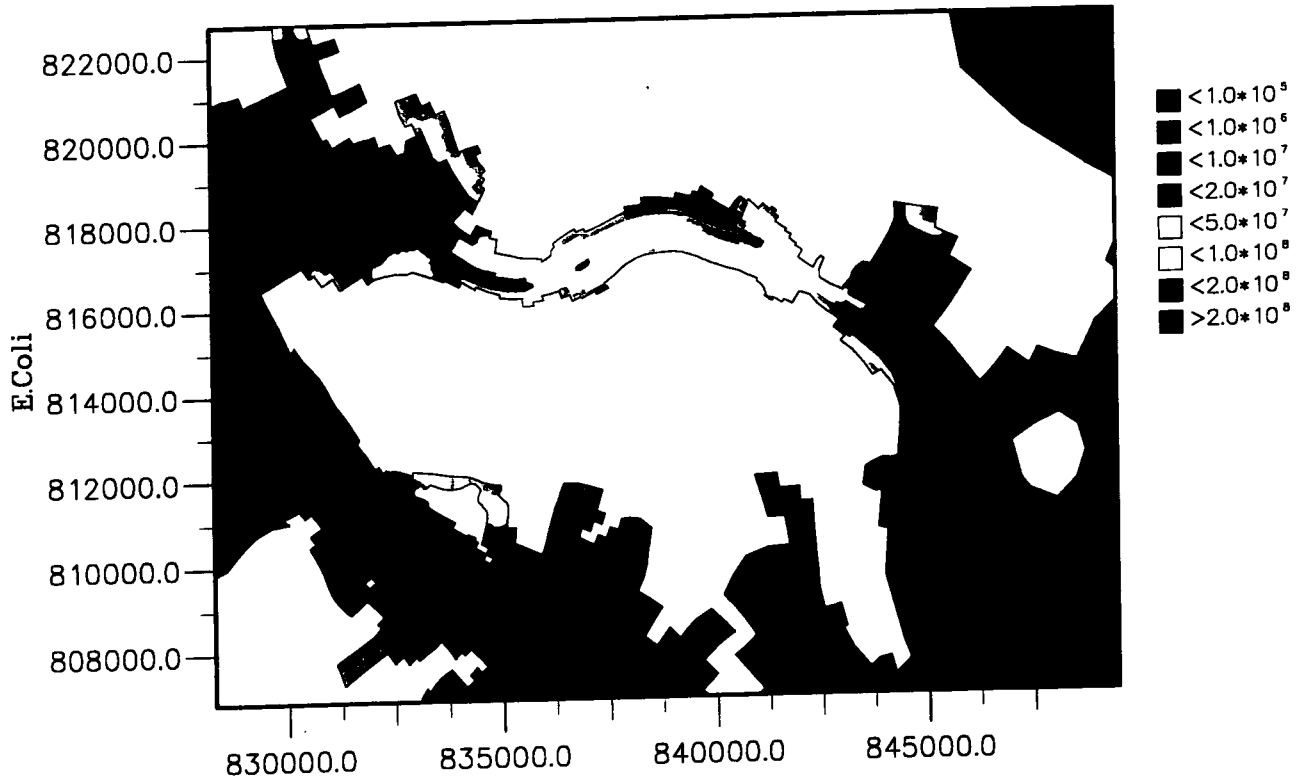
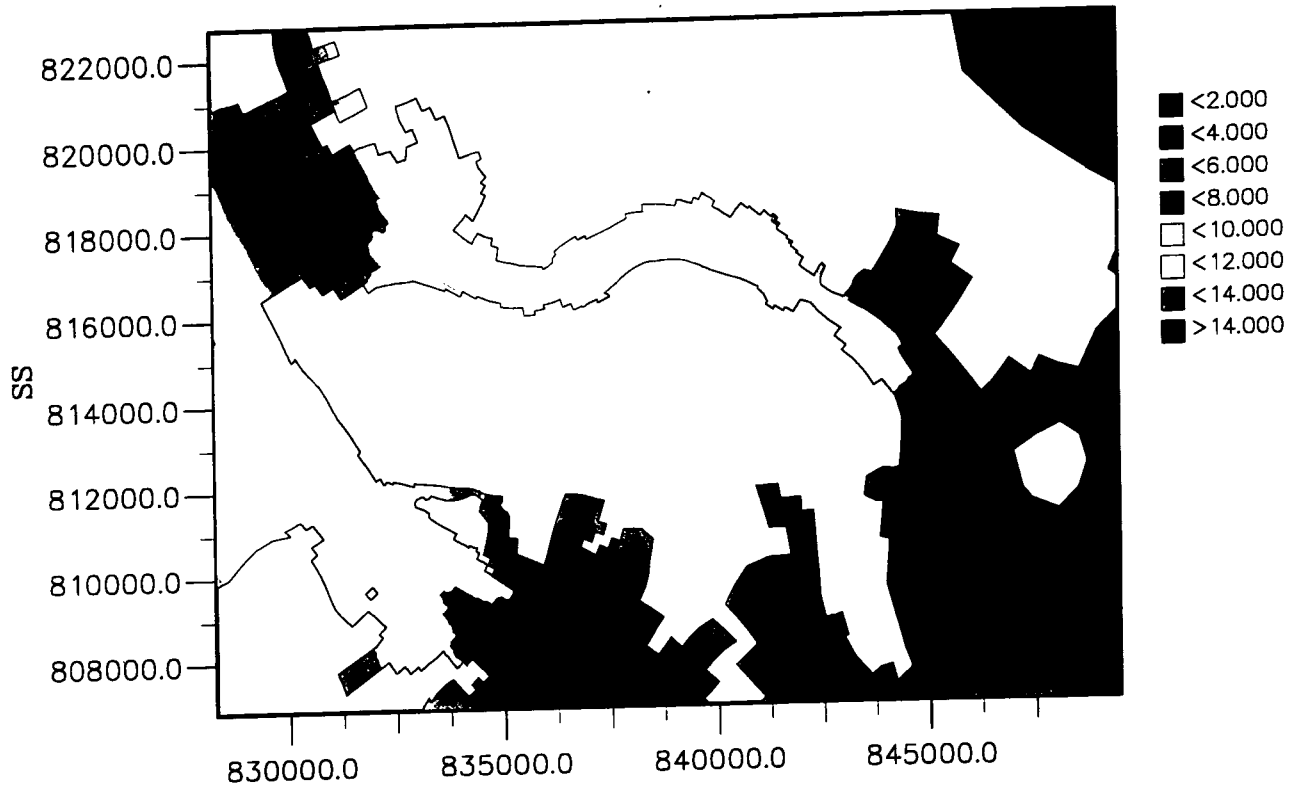


FIGURE 73

SCENARIO: TEST 6 WET SEASON 2012
 DEPTH AVERAGED
 UPPER: SUSP. SOLIDS (mg/l); LOWER: E. COLI (MPN/m³)

Environmental
 Resources
 Management



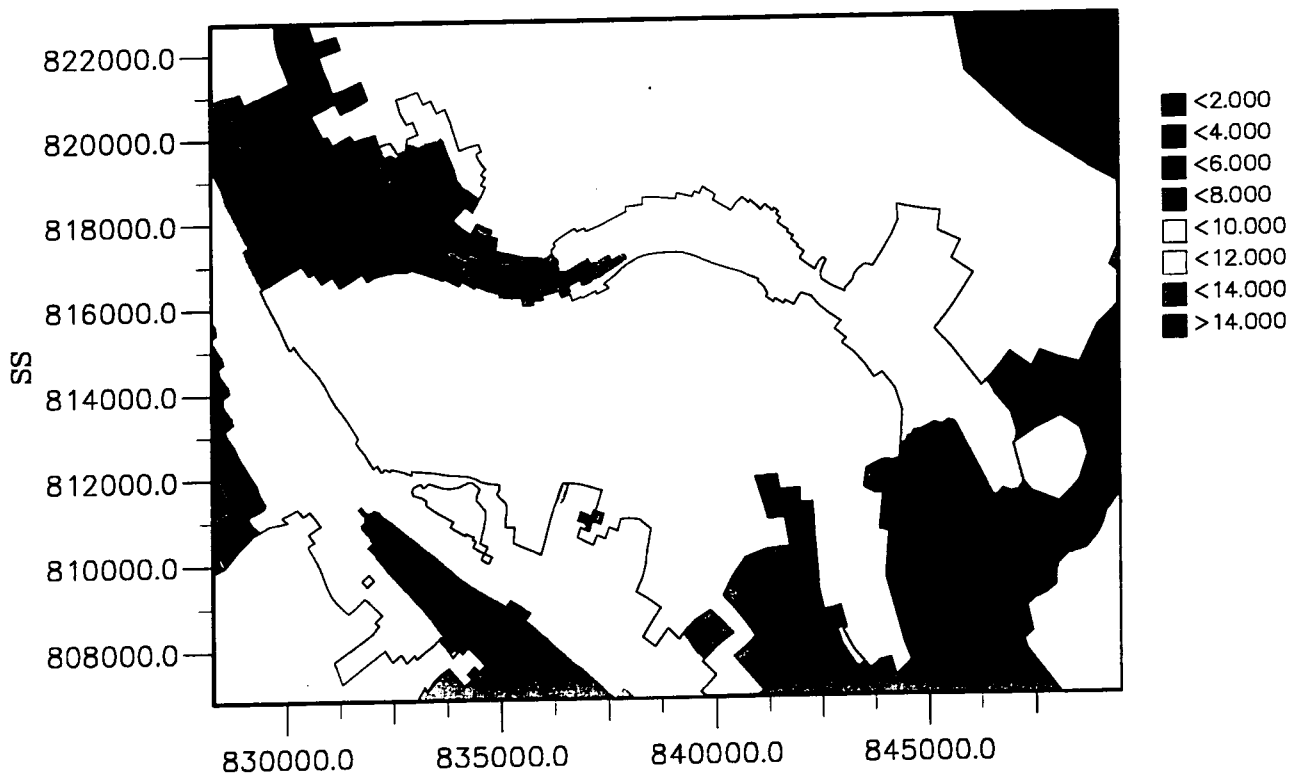
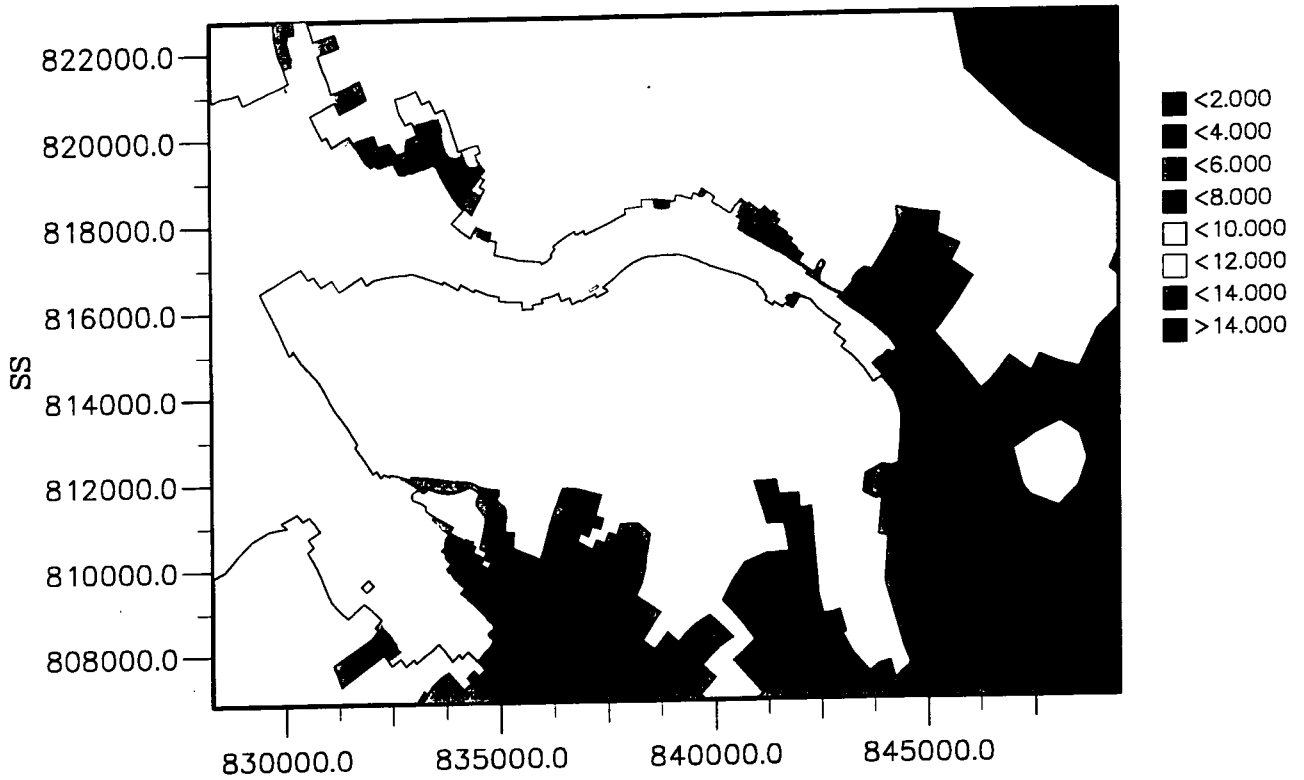


FIGURE 74

SCENARIO: TEST 6 WET SEASON 2012
SUSPENDED SOLIDS (mg/l); NEAP/SPRING AVERAGED
UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
Resources
Management



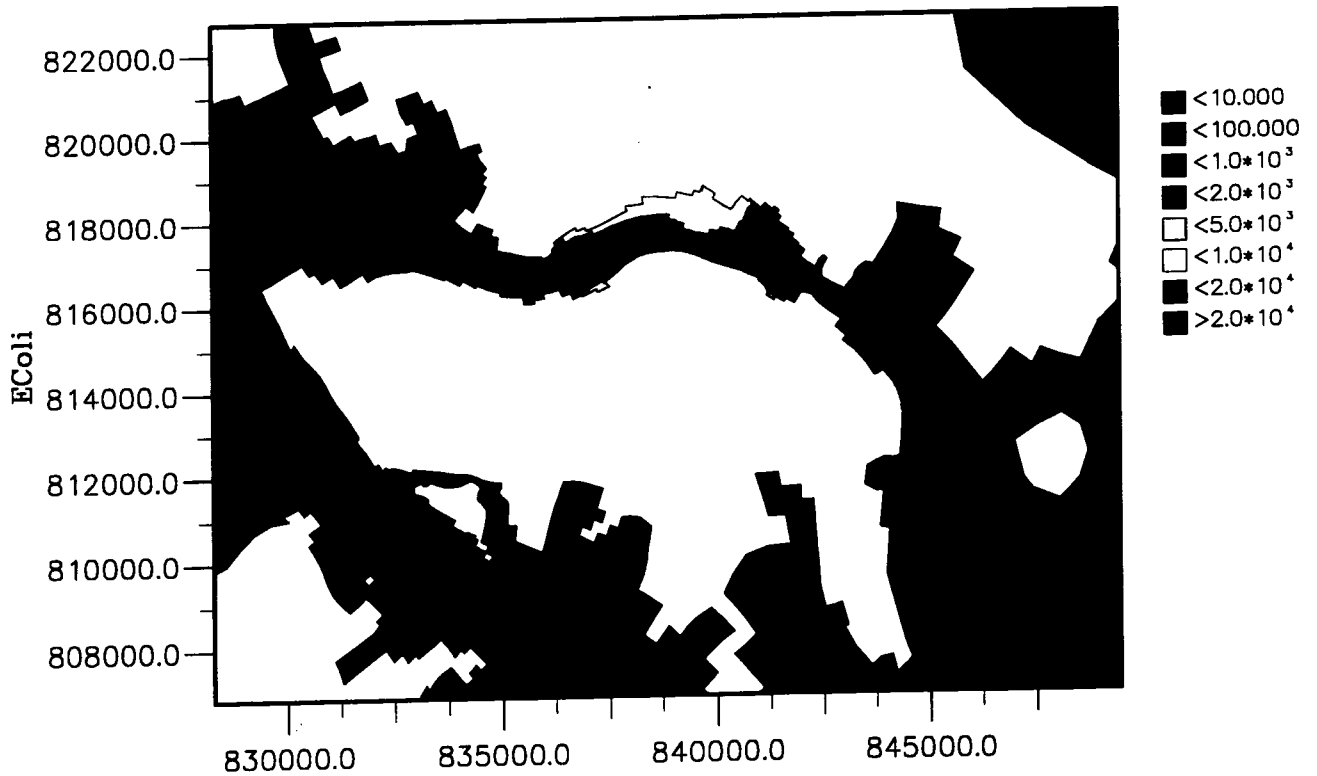
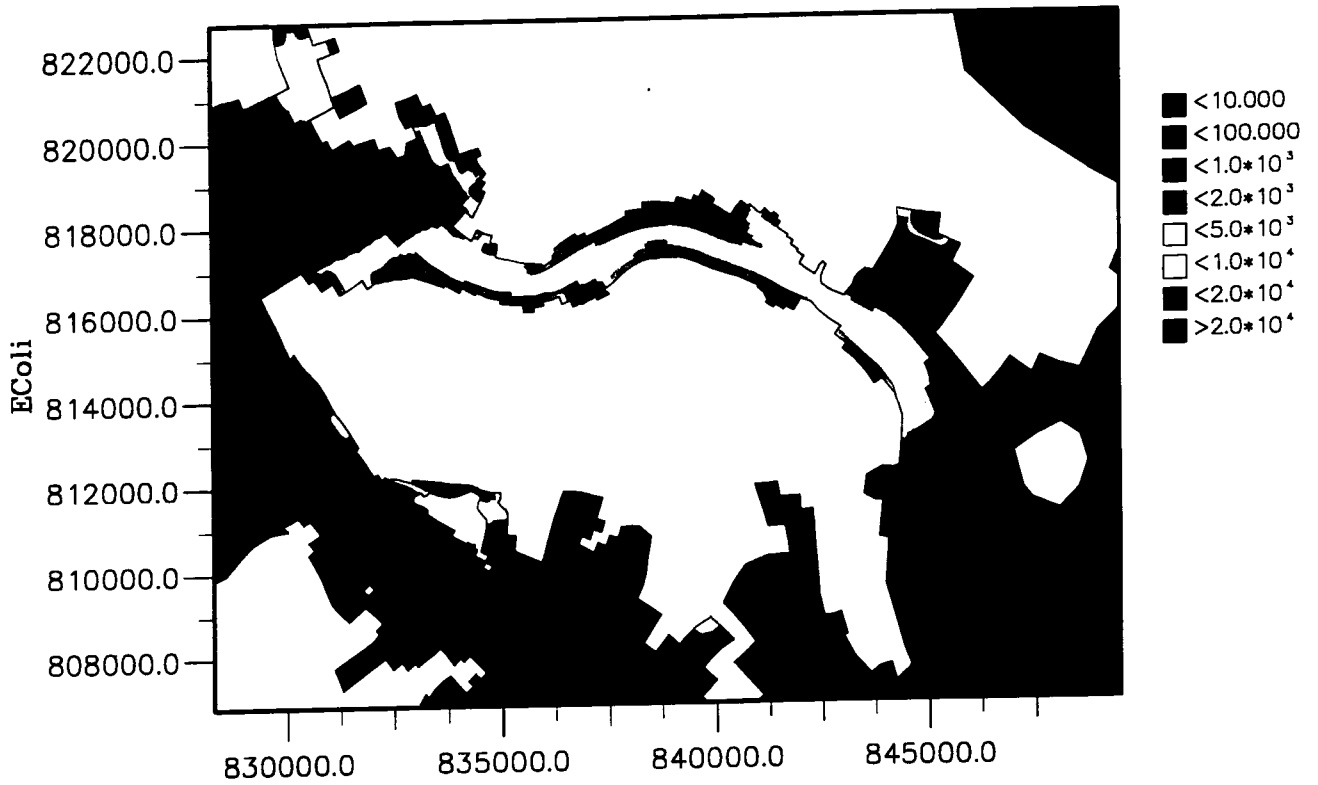


FIGURE 75

SCENARIO: TEST 6 WET SEASON 2012
E. COLI GEOMETRIC MEAN (MPN/100ml)
UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
Resources
Management



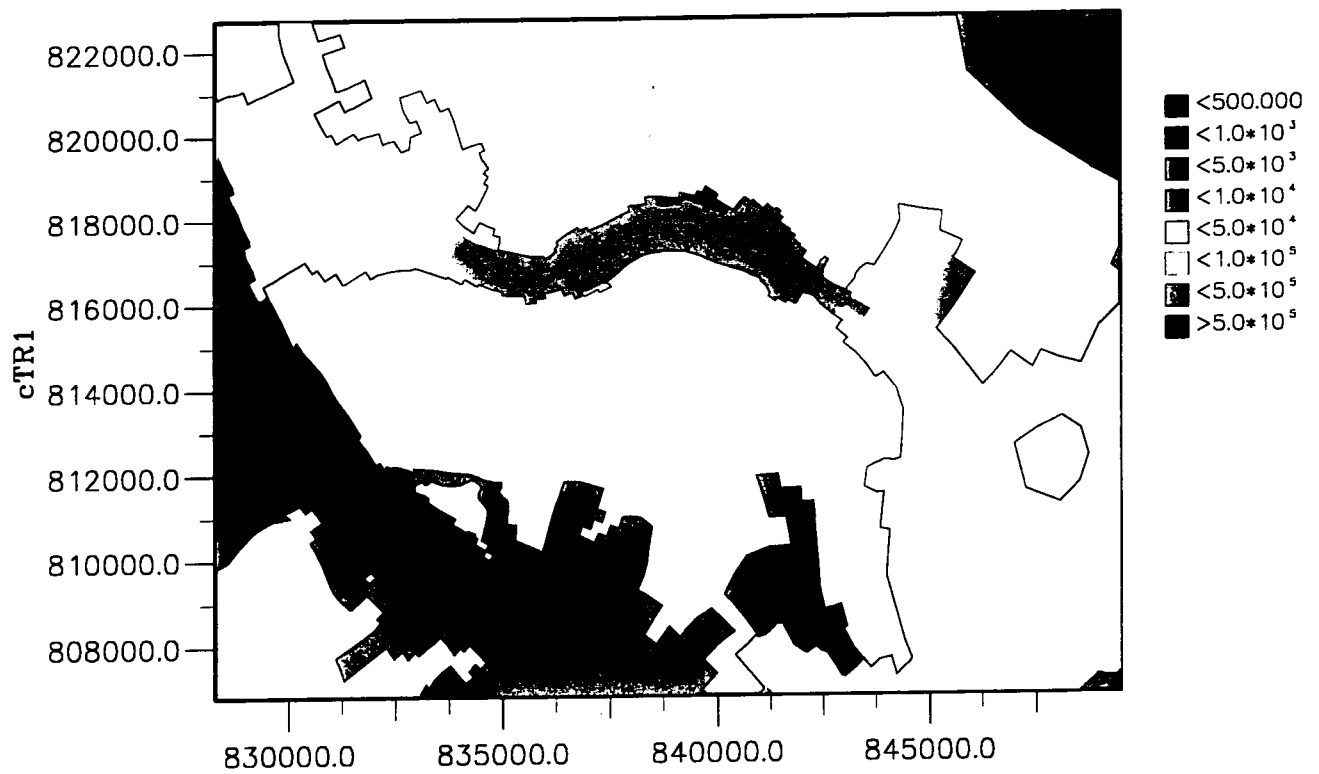
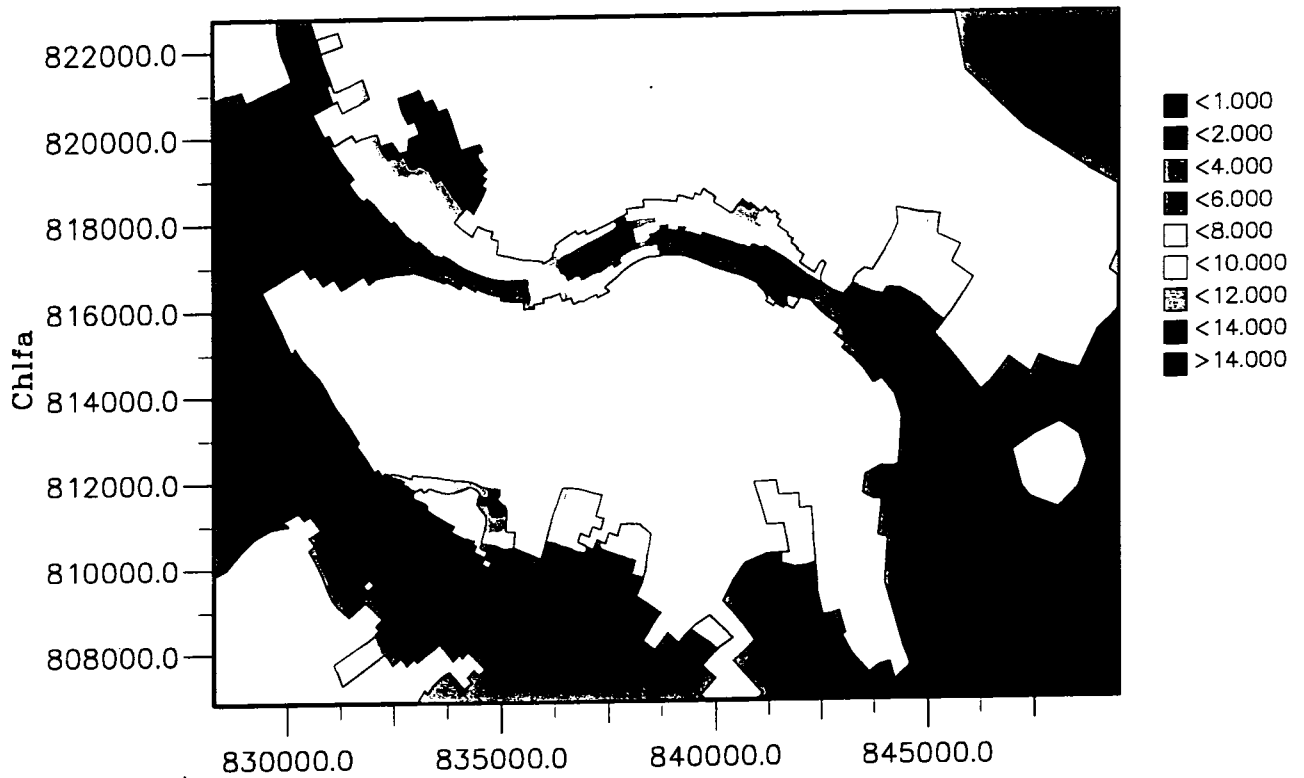


FIGURE 76

SCENARIO: TEST 6 WET SEASON 2012
 DEPTH AVERAGED
 UPPER: CHLOROPHYLL-A (ug/l); LOWER: TRACER (no./m³)

Environmental
 Resources
 Management



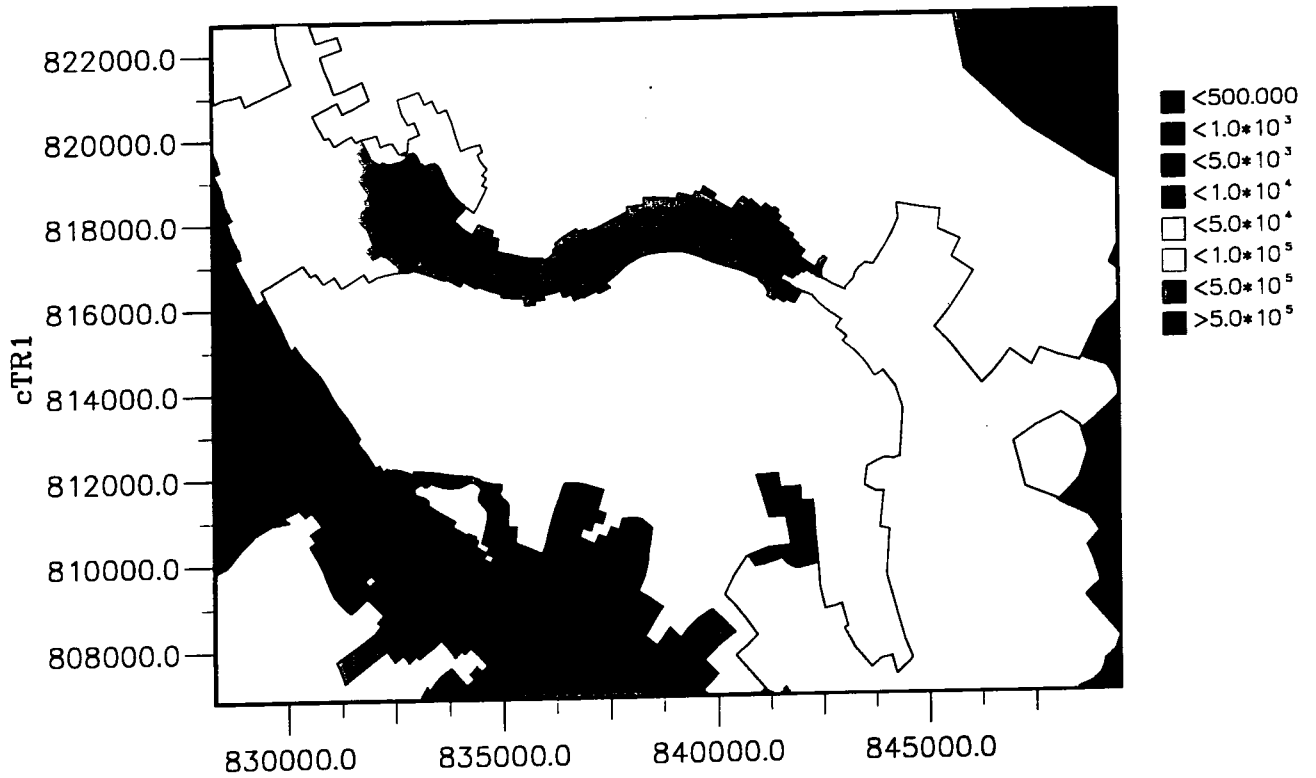
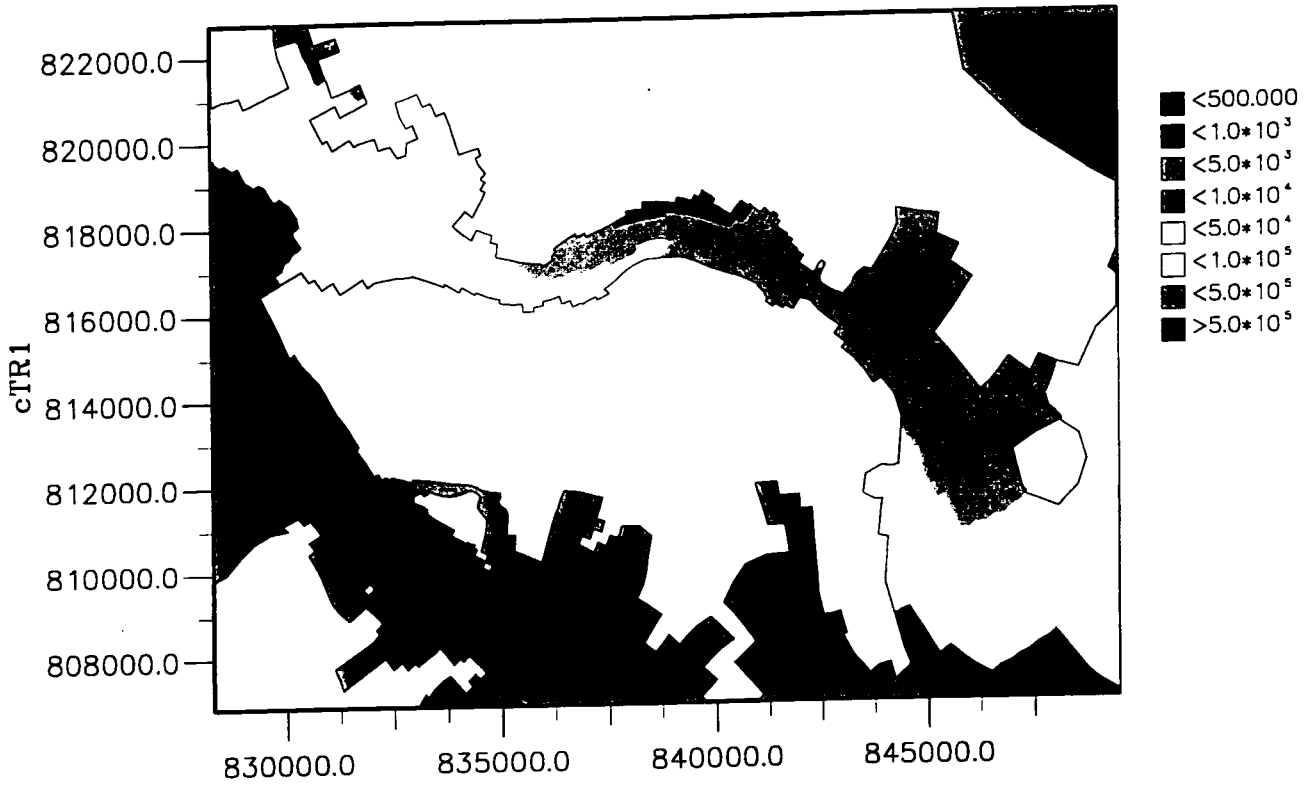


FIGURE 77

SCENARIO: TEST 6 WET SEASON 1997
 TRACER RELEASED AT KAI TAK NULLAH ($8.64e7 \text{ no/m}^3$)
 UPPER: SURFACE LAYER; LOWER: BOTTOM LAYER

Environmental
 Resources
 Management

