PHASE 2 REPORT
FURTHER SITE CHARACTERIZATION AND ANALYSIS
VOLUME 2E - REVISED BASELINE ECOLOGICAL RISK ASSESSMENT
HUDSON RIVER PCBs REASSESSMENT

NOVEMBER 2000

For

U.S. Environmental Protection Agency
Region 2
and
U.S. Army Corps of Engineers
Kansas City District

Book 2 of 2
Tables, Figures and Plates

TAMS Consultants, Inc.
Menzie-Cura & Associates, Inc.

PHASE 2 REPORT
FURTHER SITE CHARACTERIZATION AND ANALYSIS
VOLUME 2E- REVISED BASELINE ECOLOGICAL RISK ASSESSMENT
HUDSON RIVER PCBs REASSESSMENT RI/FS

CONTENTS

Volume 2E (Book 1 of 2)

Page

CONTENTS

Volume 2E (Book 1 of 2)

PHASE 2 REPORT
FURTHER SITE CHARACTERIZATION AND ANALYSIS
VOLUME 2E- REVISED BASELINE ECOLOGICAL RISK ASSESSMENT
HUDSON RIVER PCBs REASSESSMENT RI/FS

CONTENTS

Volume 2E (Book 1 of 2)

CONTENTS

Volume 2E (Book 1 of 2)

PHASE 2 REPORT
FURTHER SITE CHARACTERIZATION AND ANALYSIS
VOLUME 2E- REVISED BASELINE ECOLOGICAL RISK ASSESSMENT
HUDSON RIVER PCBs REASSESSMENT RI/FS

CONTENTS

Volume 2E (Book 1 of 2)

CONTENTS

Volume 2E (Book 1 of 2)

CONTENTS

Volume 2E (Book 1 of 2)

CONTENTS

Volume 2E (Book 1 of 2)

<u>Page</u>

CONTENTS

Volume 2E (Book 1 of 2)

CONTENTS

Volume 2E (Book 1 of 2)

CONTENTS

CONTENTS

Volume 2E (Book 1 of 2)

<div align="right">Page</div>

CONTENTS

Volume 2E (Book 2 of 2)

LIST OF TABLES:

PHASE 2 REPORT
FURTHER SITE CHARACTERIZATION AND ANALYSIS
VOLUME 2E- REVISED BASELINE ECOLOGICAL RISK ASSESSMENT
HUDSON RIVER PCBs REASSESSMENT RI/FS

CONTENTS

Volume 2E (Book 2 of 2)

CONTENTS

Volume 2E (Book 2 of 2)

CONTENTS

Volume 2E (Book 2 of 2)

CONTENTS

Volume 2E (Book 2 of 2)

CONTENTS

Volume 2E (Book 2 of 2)

CONTENTS

Volume 2E (Book 2 of 2)

CONTENTS

Volume 2E (Book 2 of 2)

CONTENTS

Volume 2E (Book 2 of 2)

CONTENTS

Volume 2E (Book 2 of 2)

CONTENTS

Volume 2E (Book 2 of 2)

CONTENTS

Volume 2E (Book 2 of 2)

PHASE 2 REPORT
FURTHER SITE CHARACTERIZATION AND ANALYSIS
VOLUME 2E- REVISED BASELINE ECOLOGICAL RISK ASSESSMENT
HUDSON RIVER PCBs REASSESSMENT RI/FS

CONTENTS

Volume 2E (Book 2 of 2)

LIST OF FIGURES

PHASE 2 REPORT
FURTHER SITE CHARACTERIZATION AND ANALYSIS
VOLUME 2E- REVISED BASELINE ECOLOGICAL RISK ASSESSMENT
HUDSON RIVER PCBs REASSESSMENT RI/FS

CONTENTS

Volume 2E (Book 2 of 2)

LIST OF PLATES

KEY MAP

Former Fort
Edward Dam

FORT
EDWARD

ECO-STATION 2 (RM 194.1)

Rogers
Island

Lock 7 (RM 193.7)

ECO-STATION 3
(RM 191.5)

Thompson Island Pool
(RM 188.5-195)

Dead Creek

ECO-STATION 4A
(RM 190.3)

Snook Kill

Moses

190

Griffin
Island

ECO-STATION 4C
(RM 189.6)

ECO-STATION 4B
(RM 190.0)

Kill

ECO-STATION 5
(RM 189.0)

ECO-STATION 6
(RM 188.7)

Thompson Island Dam
(RM 188.5)

Thompson Island

ECO-STATION 7
(RM 188.5)

Galusha Island

Saratoga

Washington

Fort Miller Dam
(RM 186.2)

Lock 6 (RM 186.2)

Northumberland Dam
(RM 183.4)

Batten

SCHUYLERVILLE

Kill

Lock 5 (RM 182.6)

Match Line 1

SEE LEGEND ON SHEET 17

TAMS

TAMS Consultants, Inc.

N
W   E
S

2000   0   2000   4000
Scale in Feet

500   0   500   1000   1500
Scale in Meters

Hudson River PCBs Reassessment RI/FS
Revised Baseline Ecological Risk Assessment
October, 2000

Plate 1

Habitat Map

Sheet 1 of 17

KEY MAP

Match Line 1

Fish Creek

180

GREENWICH

Saratoga

US Hwy 4

FRESHWATER

Washington

STILLWATER

170

ECO-STATION 8A
(RM 169.5)

Match Line 2

ECO-STATION 8B
(RM 169.2)

WASHINGTON CO.
RENSSELAER CO.

SEE LEGEND ON SHEET 17

TAMS
TAMS Consultants, Inc.

N
W   E
S

2000   0   2000   4000
Scale in Feet

500   0   500   1000   1500
Scale in Meters

Hudson River PCBs Reassessment RI/FS
Revised Baseline Ecological Risk Assessment
October, 2000

Plate 1

Habitat Map

Sheet 2 of 17

(RM 169.5)

Match Line 2

ECO-STATION 8B
(RM 169.2)

Lock 4 / Stillwater Dam
(RM 168.2)

Hoosic

MECHANICVILLE

Green Island

River

Lock 3
(RM 166.0)

Saratoga

KEY MAP

Quack Island

Lock 2 (RM 163.5)

Rensselaer

FRESHWATER

160

Lock 1 (RM 159.4)

ECO-STATION 9
(RM 159.0)

Campbell Island

Mohawk

WATERFORD

Erie

Canal

River

Peebles
Island

Match Line 3

SEE LEGEND ON SHEET 17

TAMS

TAMS Consultants, Inc.

N
W   E
S

| 2000 | 0 | 2000 | 4000 |
Scale in Feet

| 500 | 0 | 500 | 1000 | 1500 |
Scale in Meters

Hudson River PCBs Reassessment RI/FS
Revised Baseline Ecological Risk Assessment
October, 2000

Plate 1

Habitat Map

Sheet 3 of 17

COHOES

River

Peebles
Island

Match Line 3

Simmons
Island

Van Schaick
Island

Green
Island

Federal Dam
(RM 153.9)

State Hwy 7

Green Island
Bridge

WATERVLIET

TROY

KEY MAP

Albany

Rensselaer

150

FRESHWATER

NWI digital coverage not available
between RM 96.5 and 153.0

ALBANY

RENSSELAER

River

Match Line 4

Normans

SEE LEGEND ON SHEET 17

KEY MAP

Match Line 4

Normans Kill

Normans

ECO-STATION 10
(RM 143.5)

Papscanee Marsh and Creek

140

FRESHWATER

Shad and Schermerhorn Islands

Binnen

Rensselaer

ECO-STATION 11A
(RM 137.2)

CASTLETON-
ON-HUDSON

Kill

ECO-STATION 11B
(RM 136.7)

Schodack and Houghtaling
Islands and Schodack Creek

Nutten

Schodack Creek

NWI digital coverage not available
between RM 96.5 and 153.0

Coeymans Creek

RENSSELAER CO.
COLUMBIA CO.

Hannacroix Creek

ALBANY CO.
GREENE CO.

Match Line 5

SEE LEGEND ON SHEET 17

TAMS

TAMS Consultants, Inc.

N
W   E
S

2000   0   2000   4000
Scale in Feet

500   0   500   1000   1500
Scale in Meters

Hudson River PCBs Reassessment RI/FS Revised Baseline Ecological Risk Assessment October, 2000	Plate 1	Sheet 5 of 17
	Habitat Map	

Match Line 5

130

Mill Creek Wetlands

NWI digital coverage not available
between RM 96.5 and 153.0

FRESHWATER

Columbia

KEY MAP

Coxsackie Creek

Rattlesnake
Island

Coxsackie Island Backwater

Coxsackie
Island

COXSACKIE

Stockport Creek and Flats

Greene

Stockport Middle Ground
Island

ECO-STATION 12A
(RM 122.7)

ECO-STATION 12B (RM 122.4)

Vosburgh Swamp and Middle
Ground Flats

Stockport Creek

Match Line 6

120

SEE LEGEND ON SHEET 17

Sleepy Hollow
Lake
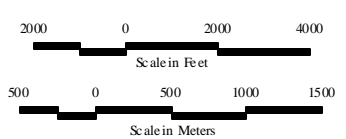
N
W   E
S

2000   0   2000   4000
Scale in Feet

500   0   500   1000   1500
Scale in Meters

Hudson River PCBs Reassessment RI/FS
Revised Baseline Ecological Risk Assessment
October, 2000

Plate 1

Habitat Map

Sheet 6 of 17

KEY MAP

Sleepy Hollow
Lake

Middle Ground
Flats Island

ATHENS

Greene

HUDSON

Stockport Creek
and Flats

FRESHWATER

ECO-STATION 13
(RM 113.8)

Catskill Creek

Catskill

Rogers
Island

Rogers Island

Creek

CATSKILL

Ramshorn Marsh

110

Columbia

Inbocht
Bay

Roeliff-Jansen Kill

Roeliff - Jansen

Inbocht bay and
Duck Cove

NWI digital coverage not available
between RM 96.5 and 153.0

Match Line 7

SEE LEGEND ON SHEET 17

TAMS

TAMS Consultants, Inc.

N
W   E
S

| 2000 | 0 | 2000 | 4000 |
Scale in Feet

| 500 | 0 | 500 | 1000 | 1500 |
Scale in Meters

Hudson River PCBs Reassessment RI/FS
Revised Baseline Ecological Risk Assessment
October, 2000

Plate 1

Habitat Map

Sheet 7 of 17

NWI digital coverage not available
between RM 96.5 and 153.0

Match Line 7

Germantown-Clermont Flats

Ulster

Esopus Estuary

Creek

Esopus

COLUMBIA CO.
DUTCHESS CO.

SAUGERTIES

TIVOLI

100

KEY MAP

ECO-STATION 14
(RM 100.0)

North and South Tivoli Bays

FRESHWATER

Dutchess

The Flats

*Kingston-Rhinecliff
Bridge*

Match Line 8

SEE LEGEND ON SHEET 17

N
W E
S

2000	0	2000	4000

Scale in Feet

500	0	500	1000	1500

Scale in Meters

Hudson River PCBs Reassessment RI/FS
Revised Baseline Ecological Risk Assessment
October, 2000

Plate 1

Habitat Map

Sheet 8 of 17

Match Line 8

KINGSTON

Rondout Creek

Creek

Rondout

Kingston Deepwater

Dutchess

90

Vanderburgh Cove
and Shallows

ECO-STATION 15A
(RM 89.4)

FRESHWATER

Esopus
Meadows

Ulster

ECO-STATION 15B
(RM 88.9)

KEY MAP

Match Line 9

SEE LEGEND ON SHEET 17

TAMS
TAMS Consultants, Inc.

N
W   E
S

2000   0   2000   4000
Scale in Feet

500   0   500   1000   1500
Scale in Meters

Hudson River PCBs Reassessment RI/FS
Revised Baseline Ecological Risk Assessment
October, 2000

Plate 1

Habitat Map

Sheet 9 of 17

Match Line 9

80

Poughkeepsie
Deepwater

FAIRVIEW

FRESHWATER

Ulster

End of Freshwater
Start of Brackish Water

Mid-Hudson
Bridge

POUGHKEEPSIE

BRACKISH WATER

Dutchess

KEY MAP

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15

Match Line 10

SEE LEGEND ON SHEET 17

N
W   E
S

2000   0   2000   4000
Scale in Feet

500   0   500   1000   1500
Scale in Meters

Hudson River PCBs Reassessment RI/FS	Plate 1	Sheet 10 of 17
Revised Baseline Ecological Risk Assessment	Habitat Map	
October, 2000		

Ulster

Poughkeepsie
Deepwater

Match Line 10

70

Creek

WAPPINGERS
FALLS

Wappinger

Wappinger
Creek

BRACKISH WATER

FISHKILL

Newburgh-Beacon
Bridge

Creek

NEWBURGH

BEACON

Fishkill

Dutchess

60

Fishkill Creek

Match Line 11

SEE LEGEND ON SHEET 17

KEY MAP

TAMS
TAMS Consultants, Inc.

N
W E
S

2000   0   2000   4000
Scale in Feet

500   0   500   1000   1500
Scale in Meters

Hudson River PCBs Reassessment RI/FS
Revised Baseline Ecological Risk Assessment
October, 2000

Plate 1

Habitat Map

Sheet 11 of 17

Match Line 11

ECO-STATION 16
(RM 58.7)

Creek

Moodna

Moodna Creek

Orange

Putnam

CORNWALL

Hudson River Miles 44-56

COLD SPRING

Constitution Marsh

KEY MAP

Constitution
Island

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15

BRACKISH WATER

HIGHLAND
FALLS

50

PUTNAM CO.
WESTCHESTER CO.

Bear Mountain
Bridge

Iona Island Marsh

ECO-STATION 17
(RM 47.3)

Iowa
Island

Match Line 12

SEE LEGEND ON SHEET 17

TAMS
TAMS Consultants, Inc.

N
W   E
S

2000   0   2000   4000
Scale in Feet

500   0   500   1000   1500
Scale in Meters

Hudson River PCBs Reassessment RI/FS
Revised Baseline Ecological Risk Assessment
October, 2000

Plate 1

Habitat Map

Sheet 12 of 17

Match Line 12

Iona Island Marsh

Hudson River
Miles 44-56

PEEKSKILL

End of Brackish Water
Start of Salt Water

40

Westchester

SALT WATER

Croton River

Haverstraw Bay

HAVERSTRAW

Croton River
and Bay

OSSINING

NEW CITY
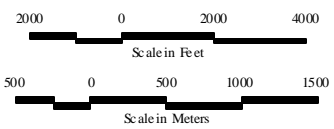
SEE LEGEND ON SHEET 17

Match Line 13

KEY MAP

TAMS
TAMS Consultants, Inc.

N
W   E
S

Scale in Feet
2000   0   2000   4000

Scale in Meters
500   0   500   1000   1500

Hudson River PCBs Reassessment RI/FS
Revised Baseline Ecological Risk Assessment
October, 2000

Plate 1

Habitat Map

Sheet 13 of 17

30

OSSINING

NYACK

Westchester

Rockland

Tappan Zee Bridge

TARRYTOWN

Piermont Marsh

ECO-STATION 18
(RM 25.8)

SALT WATER

20

SEE LEGEND ON SHEET 17

KEY MAP

TAMS
TAMS Consultants, Inc.

N
W E
S

2000   0   2000   4000
Scale in Feet

500   0   500   1000   1500
Scale in Meters

Hudson River PCBs Reassessment RI/FS
Revised Baseline Ecological Risk Assessment
October, 2000

Plate 1

Habitat Map

Sheet 14 of 17

KEY MAP

YONKERS

Westchester

TENAFLY

SALT WATER

WETCHESTER CO.
BRONX CO.

ENGLEWOOD

Bronx

River

FORT LEE

10

George Washington
Bridge

Harlem
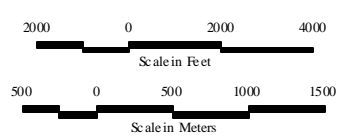
SEE LEGEND ON SHEET 17

TAMS

TAMS Consultants, Inc.

N
W   E
S

2000   0   2000   4000
Scale in Feet

500   0   500   1000   1500
Scale in Meters

Hudson River PCBs Reassessment RI/FS
Revised Baseline Ecological Risk Assessment
October, 2000

Plate 1

Habitat Map

Sheet 15 of 17

SALT WATER

Match Line 15

HOBOKEN

JERSEY
CITY

Lincoln Tunnel

Holland Tunnel

SALT WATER

0

Kings

SEE LEGEND ON SHEET 17

KEY MAP

TAMS
TAMS Consultants, Inc.

N
W E
S

Scale in Feet
2000   0   2000   4000

Scale in Meters
500   0   500   1000   1500
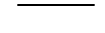
Hudson River PCBs Reassessment RI/FS
Revised Baseline Ecological Risk Assessment
October, 2000

Plate 1

Habitat Map

Sheet 16 of 17
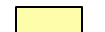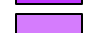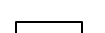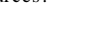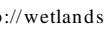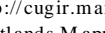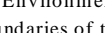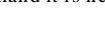
LEGEND

FRESHWATER - - - Water Salinity Boundary

——— Road

——— Dam and Lock

——— Bridge

——— Match Line

——— River Mile Marker

Ulster — County

TROY — Town

——— Shoreline

Approximate Water Depth
(Sounding measurements in feet)

\#   0 - 5

\#   6 - 11

\#   12 - 17

\#   18 - 29

\#   30 - 1000

▯ (red dashed)   Significant Habitat (NYSDOS, 1987)

S   Ecological Sampling Locations
(Hudson River Database, August, 2000)

Approximate Water Depth
(Contour lines in feet)

——— 6

——— 12

——— 18

——— 30

New York Regulated Wetlands (NYSDEC: From Article 24 of the Environmental Conservation Law)

▫ Class I Wetlands

▫ Class II Wetlands

▫ Class III Wetlands

▫ Class IV Wetlands

National Wetlands Inventory (U.S. Fish and Wildlife Service) Categories divided into Class
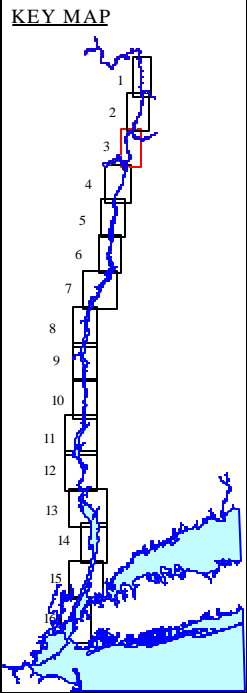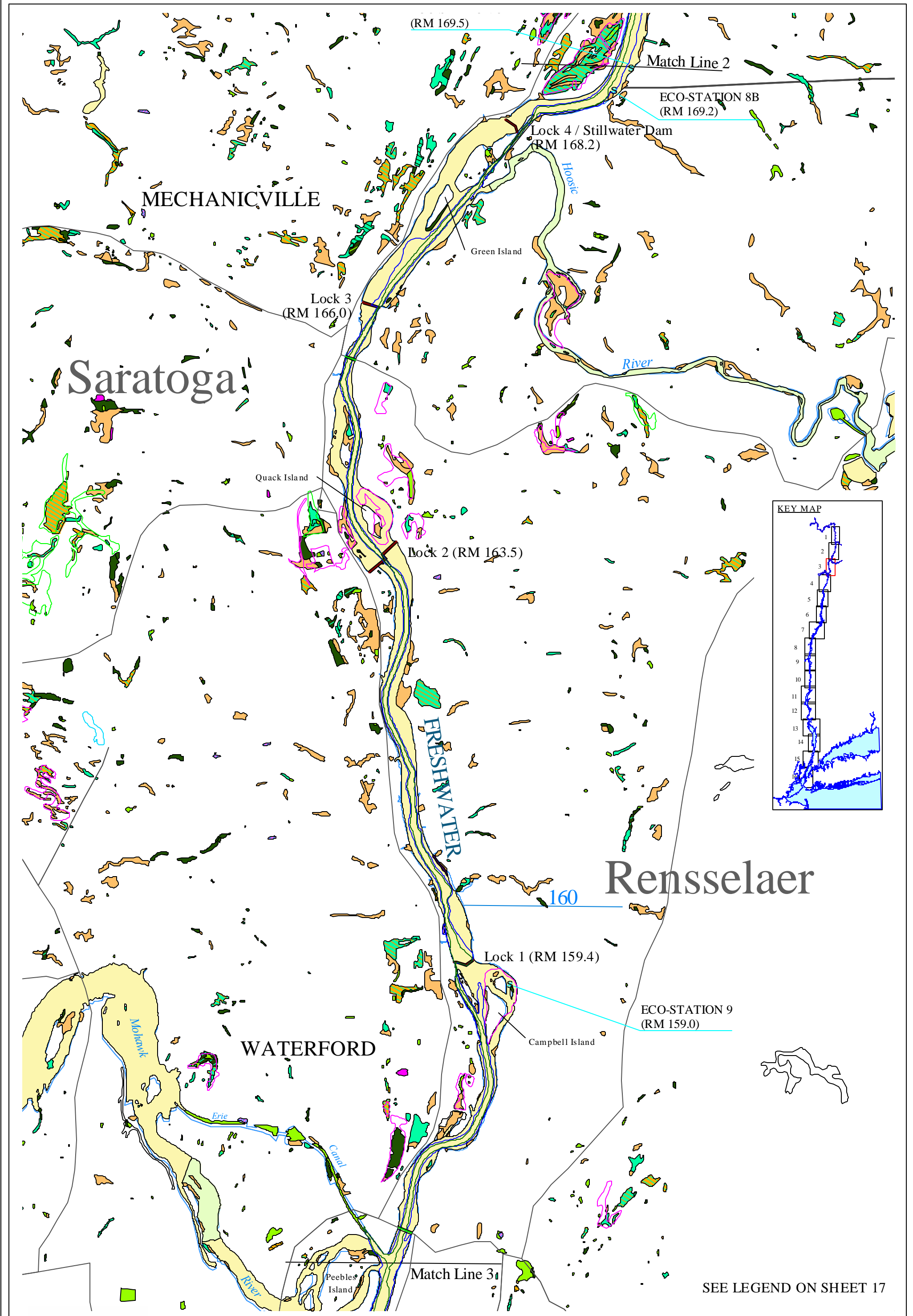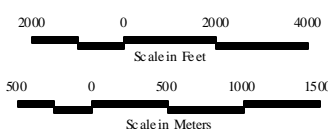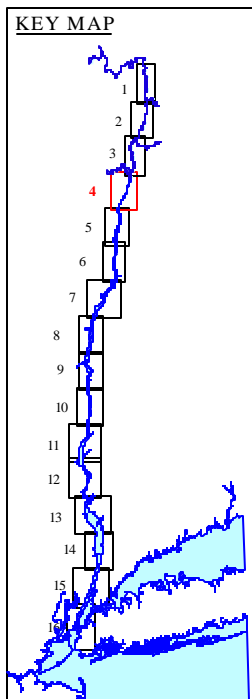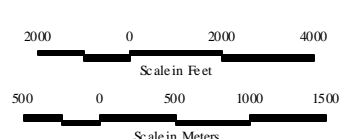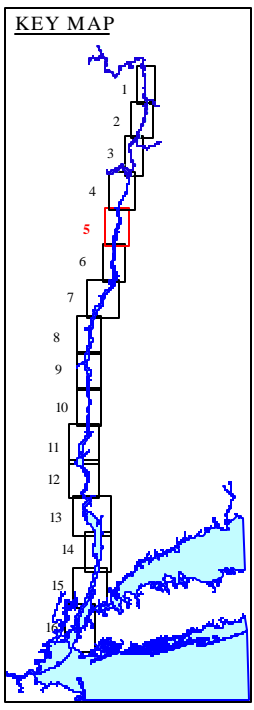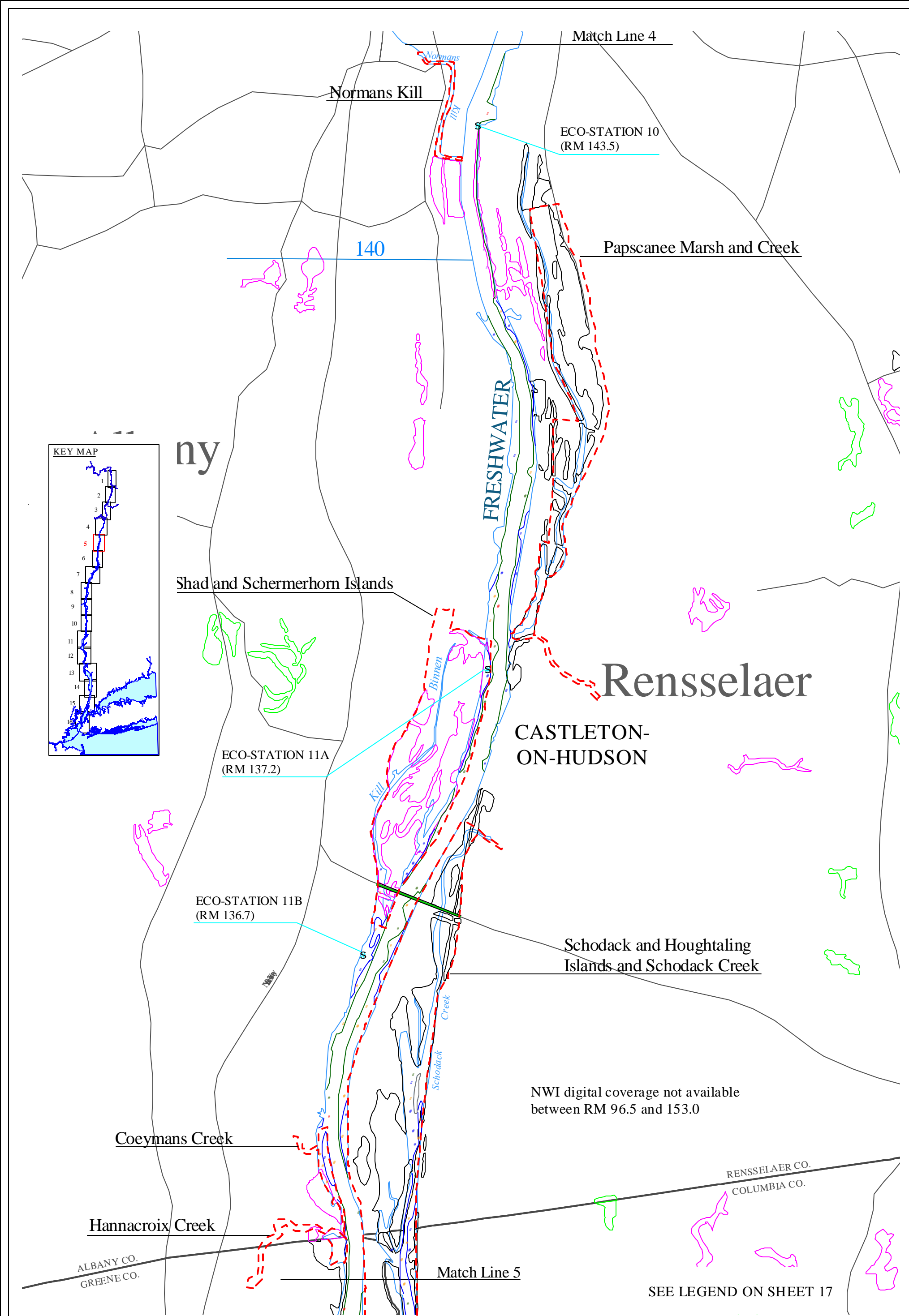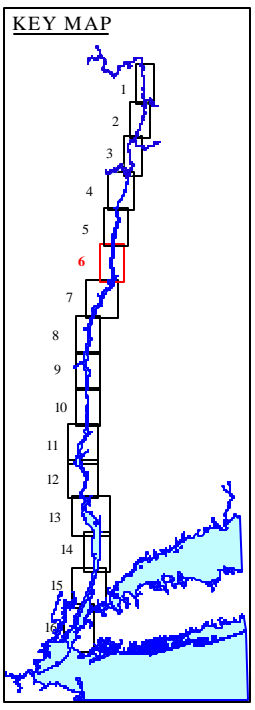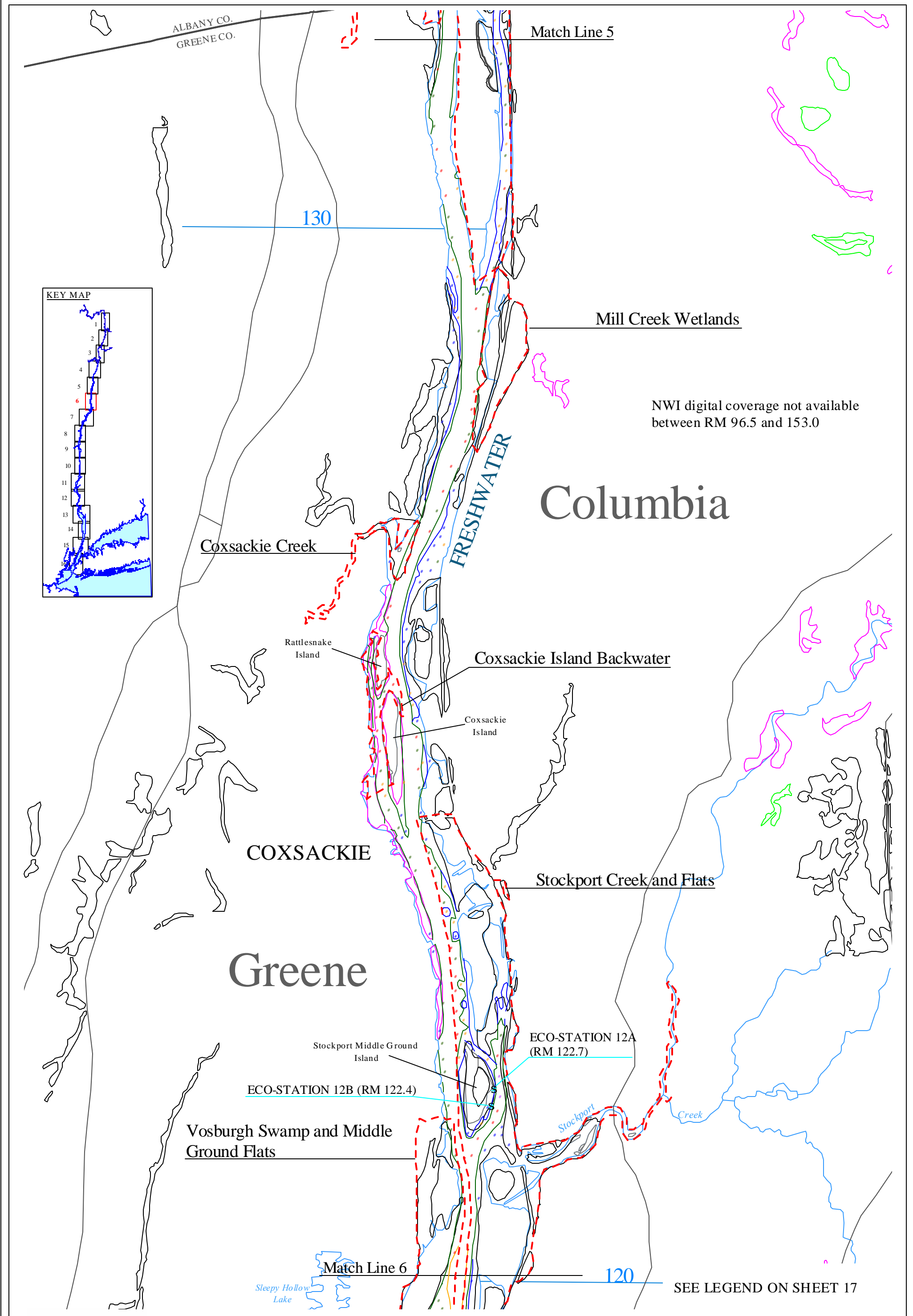
E1OW : ESTUARINE SUB-TIDAL OPEN WATER

E1UB : ESTUARINE SUB-TIDAL UNCONSOLIDATED BOTTOM

E2AB : ESTUARINE INTERTIDAL AQUATIC BED

E2EM : ESTUARINE INTERTIDAL EMERGENT

E2EM/OW : ESTUARINE INTERTIDAL EMERGENT/OPEN WATER

E2FL : ESTUARINE INTERTIDAL FLATS

E2RS : ESTUARINE INTERTIDAL ROCKY

E2SB : ESTUARINE INTERTIDAL STREAMBED

E2SS/EM : ESTUARINE INTERTIDAL SCRUB-SHRUB/EMERGENT

E2US : ESTUARINE INTERTIDAL UNCONSOLIDATED SHORE

L1UB : LACUSTRINE LIMNETIC UNCONSOLIDATED BOTTOM

L2US : LACUSTRINE LITTORAL UNCONSOLIDATED SHORE

L2AB : LACUSTRINE LITTORAL AQUATIC BED

L2EM : LACUSTRINE LITTORAL EMERGENT

L2UB : LACUSTRINE LITTORAL UNCONSOLIDATED BOTTOM

L2US : LACUSTRINE LITTORAL UNCONSOLIDATED SHORE

PAB : PALUSTRINE AQUATIC BED

PAB/SS : PALUSTRINE AQUATIC BED/SCRUB-SHRUB

PAB/UB : PALUSTRINE AQUATIC BED/UNCONSOLIDATED BOTTOM

PEM : PALUSTRINE EMERGENT

PEM/AB : PALUSTRINE EMERGENT/AQUATIC BED
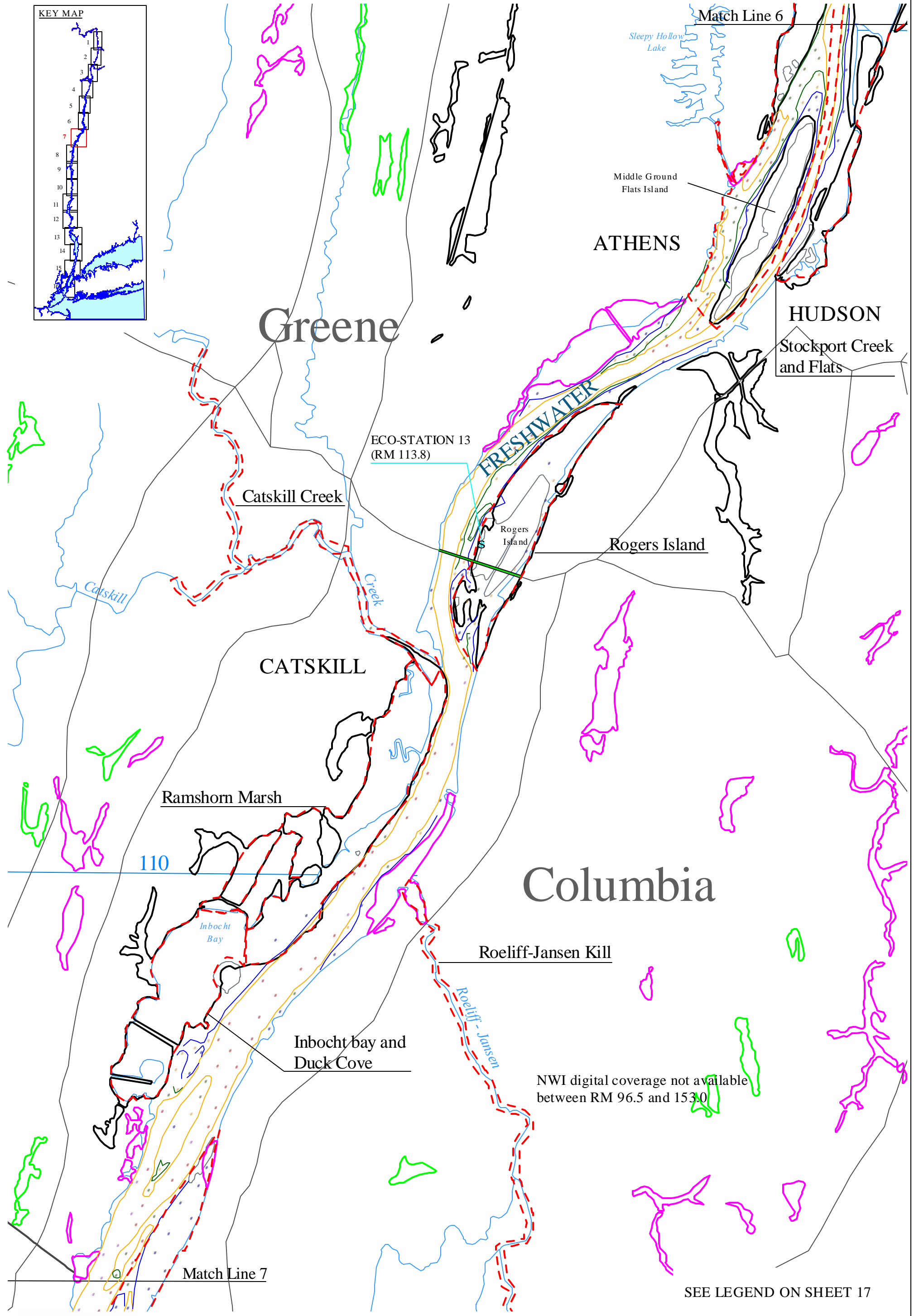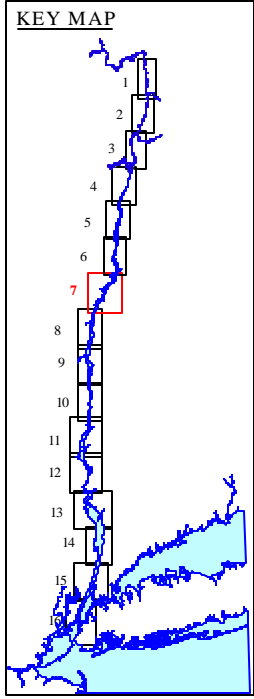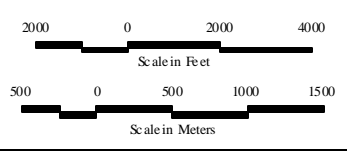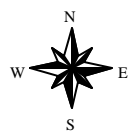
PEM/FO : PALUSTRINE EMERGENT/FORESTED

PEM/SS : PALUSTRINE EMERGENT/SCRUB-SHRUB

PEM/UB : PALUSTRINE EMERGENT/UNCONSOLIDATED BOTTOM

Pf : PALUSTRINE FARMED

Pfd : PALUSTRINE FARMED PARTIALLY DRAINED DITCHED

Pfh : PALUSTRINE FARMED DIKED IMPOUNDED

Primarily Upland Areas, but may include unclassified wetlands such as man-modified areas, non photoidentifiable areas and/or unintentional omissions

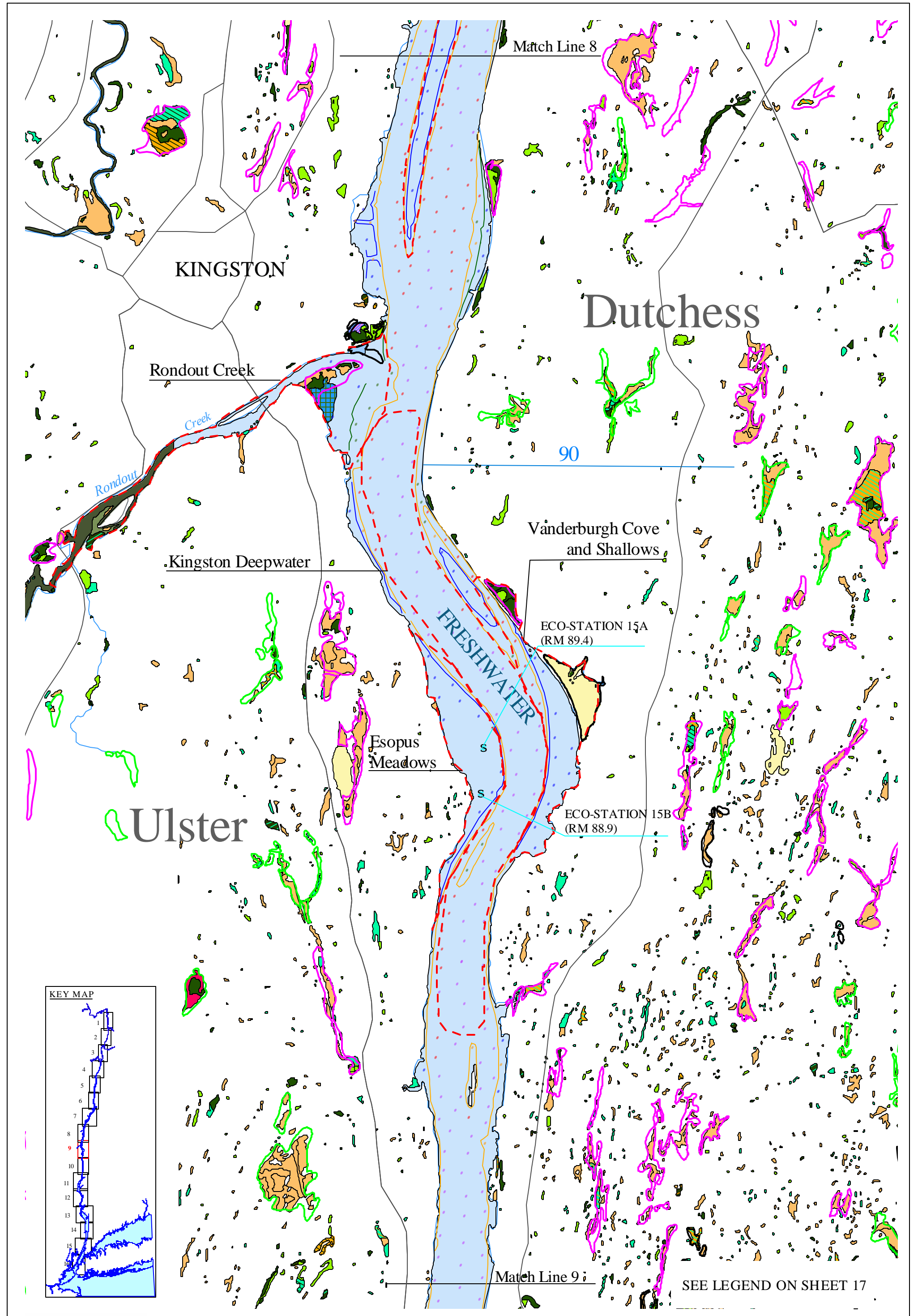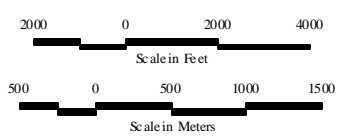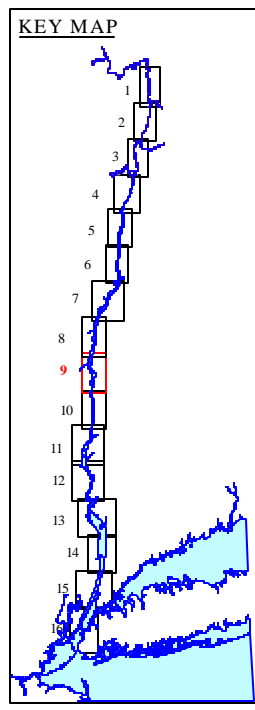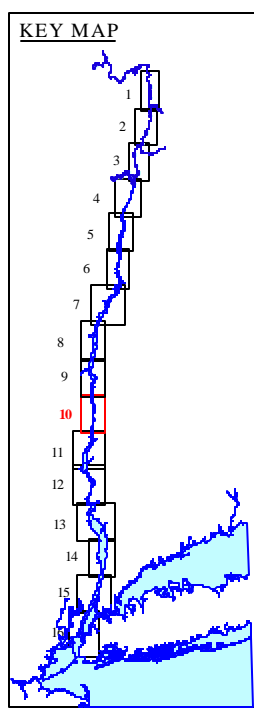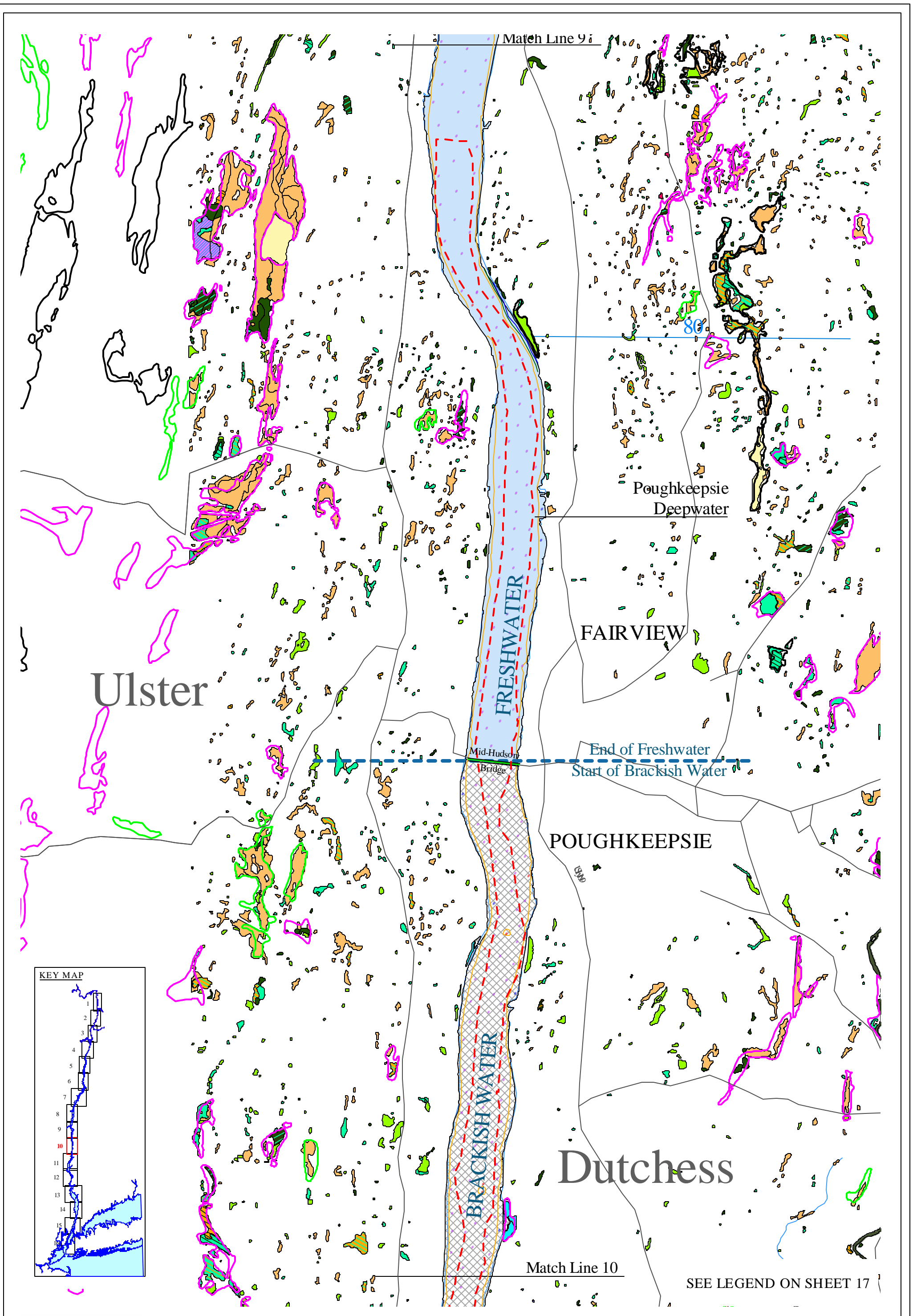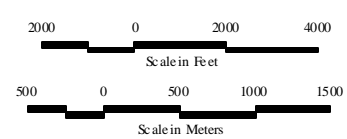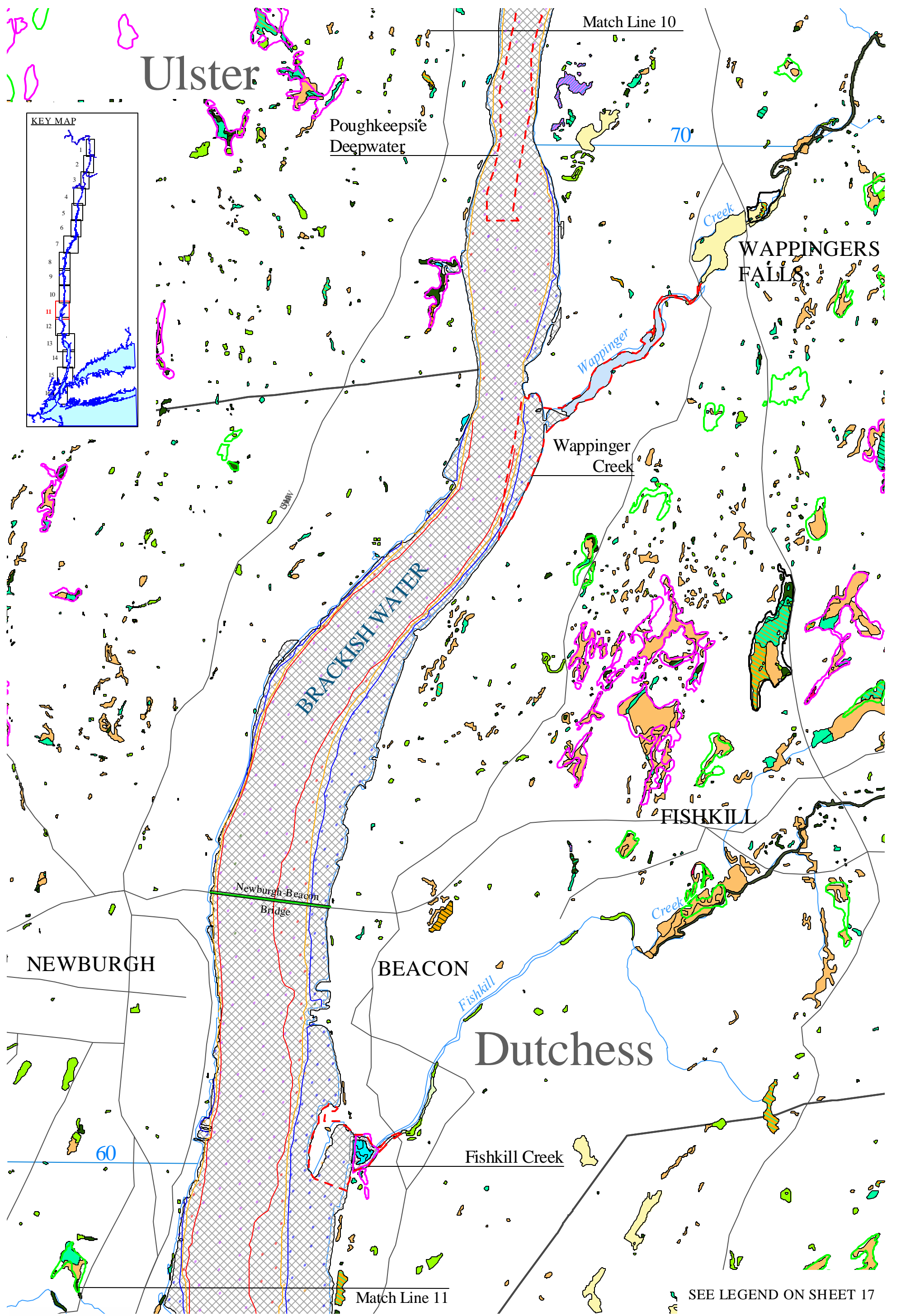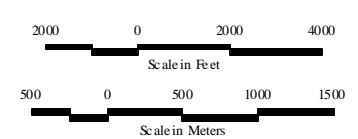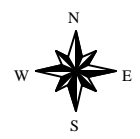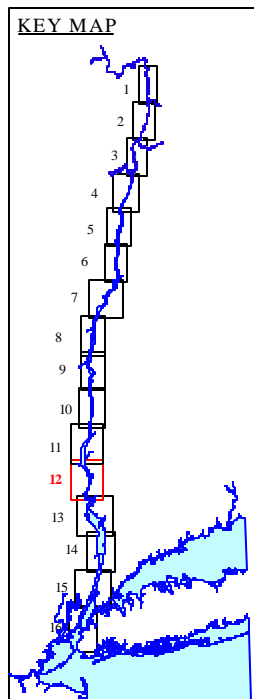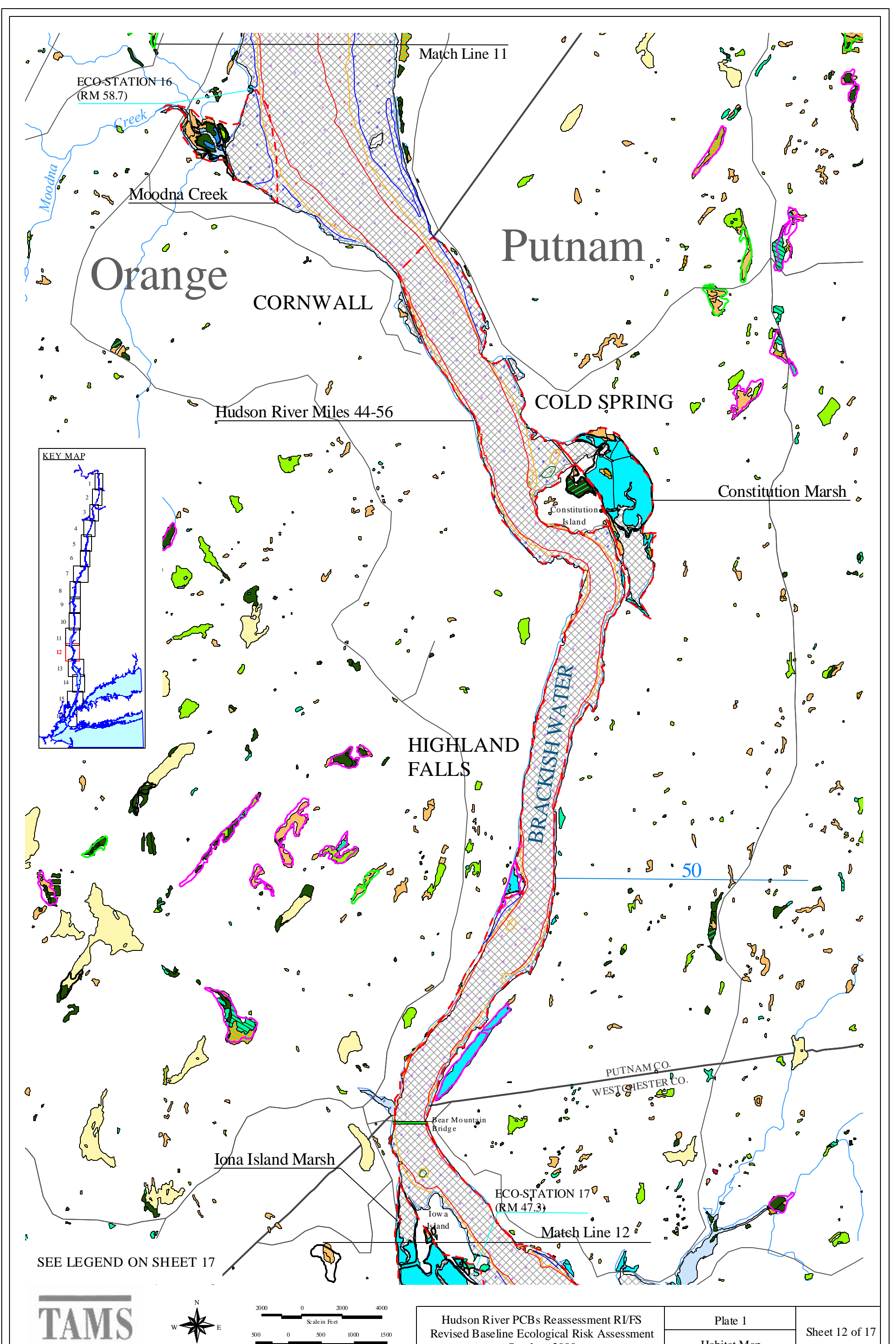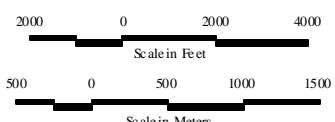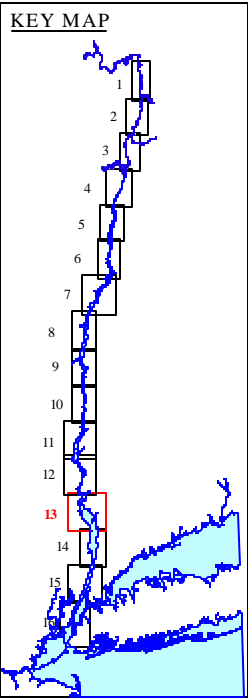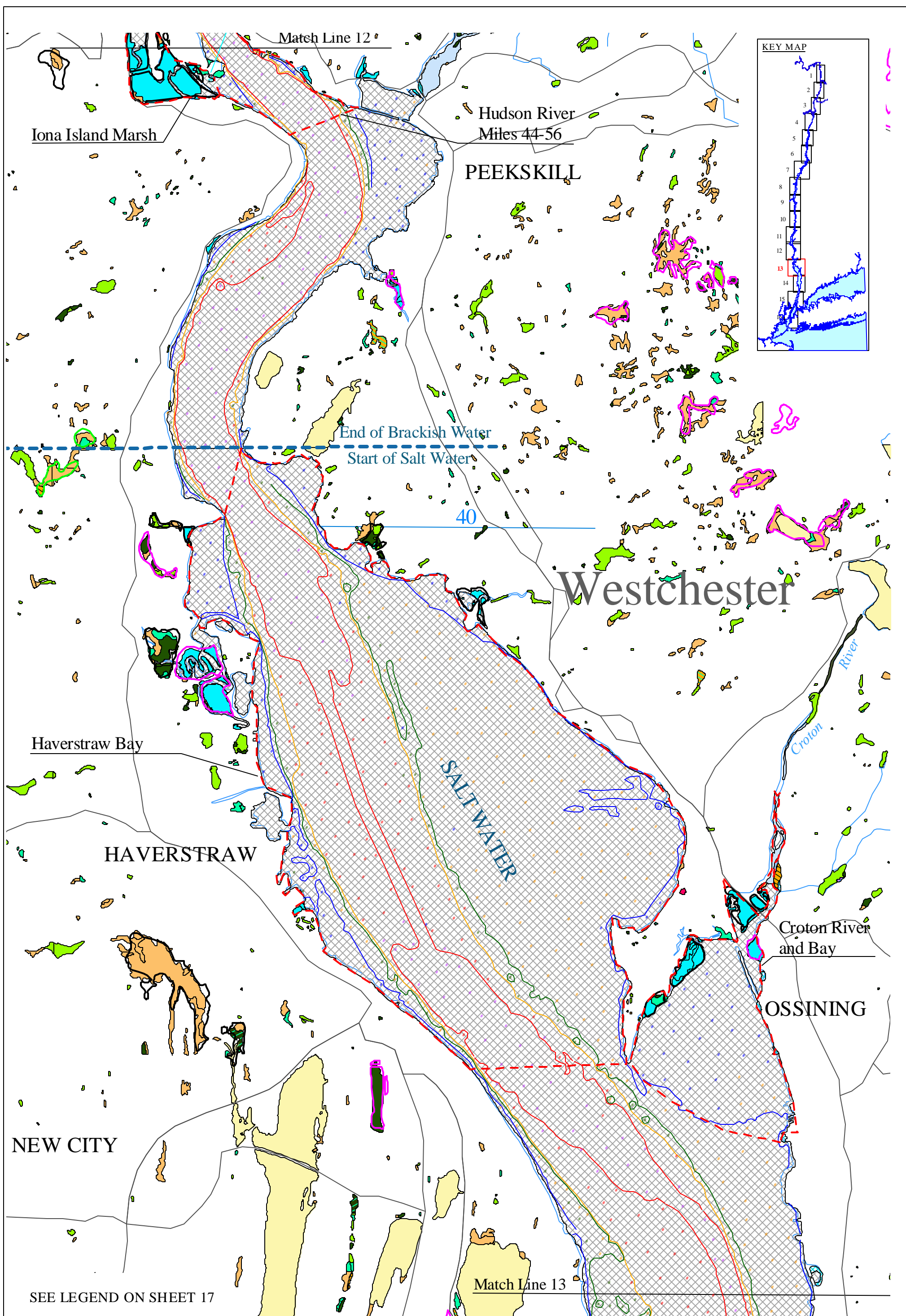PFL : PALUSTRINE FLAT

PFO : PALUSTRINE FORESTED

PFO/EM : PALUSTRINE FORESTED/EMERGENT

PFO/SS : PALUSTRINE FORESTED/SCRUB-SHRUB

PFO/UB : PALUSTRINE FORESTED/UNCONSOLIDATED BOTTOM

POW : PALUSTRINE OPEN WATER

PSS : PALUSTRINE SCRUB-SHRUB

PSS/AB : PALUSTRINE SCRUB-SHRUB/AQUATIC BED

PSS/EM : PALUSTRINE SCRUB-SHRUB/EMERGENT

PSS/FO : PALUSTRINE SCRUB-SHRUB/FORESTED

PSS/UB : PALUSTRINE SCRUB-SHRUB/UNCONSOLIDATED BOTTOM

PSS/US : PALUSTRINE SCRUB-SHRUB/UNCONSOLIDATED SHORE

PUB : PALUSTRINE UNCONSOLIDATED BOTTOM

PUB/AB : PALUSTRINE UNCONSOLIDATED BOTTOM/AQUATIC BED

PUB/EM : PALUSTRINE UNCONSOLIDATED BOTTOM/EMERGENT

PUB/FO : PALUSTRINE UNCONSOLIDATED BOTTOM/FORESTED

PUB/SS : PALUSTRINE UNCONSOLIDATED BOTTOM/SCRUB-SHRUB

PUS : PALUSTRINE UNCONSOLIDATED SHORE

R1AB/EM : RIVERINE TIDAL AQUATIC BED/EMERGENT

R1EM : RIVERINE TIDAL EMERGENT

R1OW : RIVERINE TIDAL OPEN WATER

R1UB : RIVERINE TIDAL UNCONSOLIDATED BOTTOM

R1US : RIVERINE TIDAL UNCONSOLIDATED SHORE

R2UB : RIVERINE LOWER PERENNIAL UNCONSOLIDATED BOTTOM

R2US : RIVERINE LOWER PERENNIAL UNCONSOLIDATED SHORE

R3RB : RIVERINE UPPER PERENNIAL ROCK

R3UB : RIVERINE UPPER PERENNIAL UNCONSOLIDATED BOTTOM

R3US : RIVERINE UPPER PERENNIAL UNCONSOLIDATED SHORE

Notes:

1) The digital maps are NOT the official maps. While considerable effort has been made to ensure that the digital maps are an accurate representation of the official maps, they should be used with an awareness of the possibility of error.

2) There is a gap in the NWI digital coverage between RM 96.5 and 153.0 Therefore, only the NYS Regulated Wetlands are presented for this portion of the river.

3) Federal Dam on Sheet No. 4 marks the division between the Upper Hudson River and Lower Hudson River.

4) Coordinate System used: New York East State Plane, NAD 27.

Sources:

National Wetlands Inventory were downloaded from U.S. Fish and Wildlife Service at http://wetlands.fws.gov/. Coordinate systems were transformed from UTM 18, NAD 27 to NY (East) State Plate, NAD 27.

New York State Regulated Wetlands were downloaded from Cornell Web site: http://cugir.mannlib.cornell.edu/browse_lis/browse_lis.html. The data is based on the Freshwater Wetlands Mapping and Classification Regulations (6 NYCRR Part 664), Pursuant to Article 24 of the Environmental Conservation Law. Wetland lines indicate "the approximate location of the actual boundaries of the wetlands" (ECL 24-0301(3)). For a final determination of the actual location of a wetland it is necessary to contact the DEC office for the region in which the wetland occurs.

Above Lock 5, contour lines (in feet) were provided in elevation (New York State Barge Canal Datum). The elevation for the water surface was calculated for each pool based on a flow of 3,090 cfs. The water depth was obtained by subtracting the river bottom elevation from the water surface elevation, then rounded to the closest 0.5 foot. Below Lock 5, the bathymetry information was digitized from the NOAA Digital Nautical Charts.

The significant habitat locations and the water salinity boundaries were taken from New York State Department of State (NYSDOS) Hudson River Significant Coastal Fish and Wildlife Habitat Documentation, November 15, 1987.

The Upper Hudson River shoreline, rivermiles, the dams and locks and the Ecological Sampling Locations were taken from the Database for the Hudson River PCBs Reassessment RI/FS, Release 5, August 2000, TAMS Consultants and Environmental Protection Agency.

Roads and Lower Hudson River county boundaries were taken from the Hudson River Watershed Database & Mapping Project, developped by NOAA, Office of Response and Restoration, Coastal Protection and Restoration Division.

TAMS
TAMS Consultants, Inc.

N / W E / S

Scale in Feet: 2000 0 2000 4000

Scale in Meters: 500 0 500 1000 1500
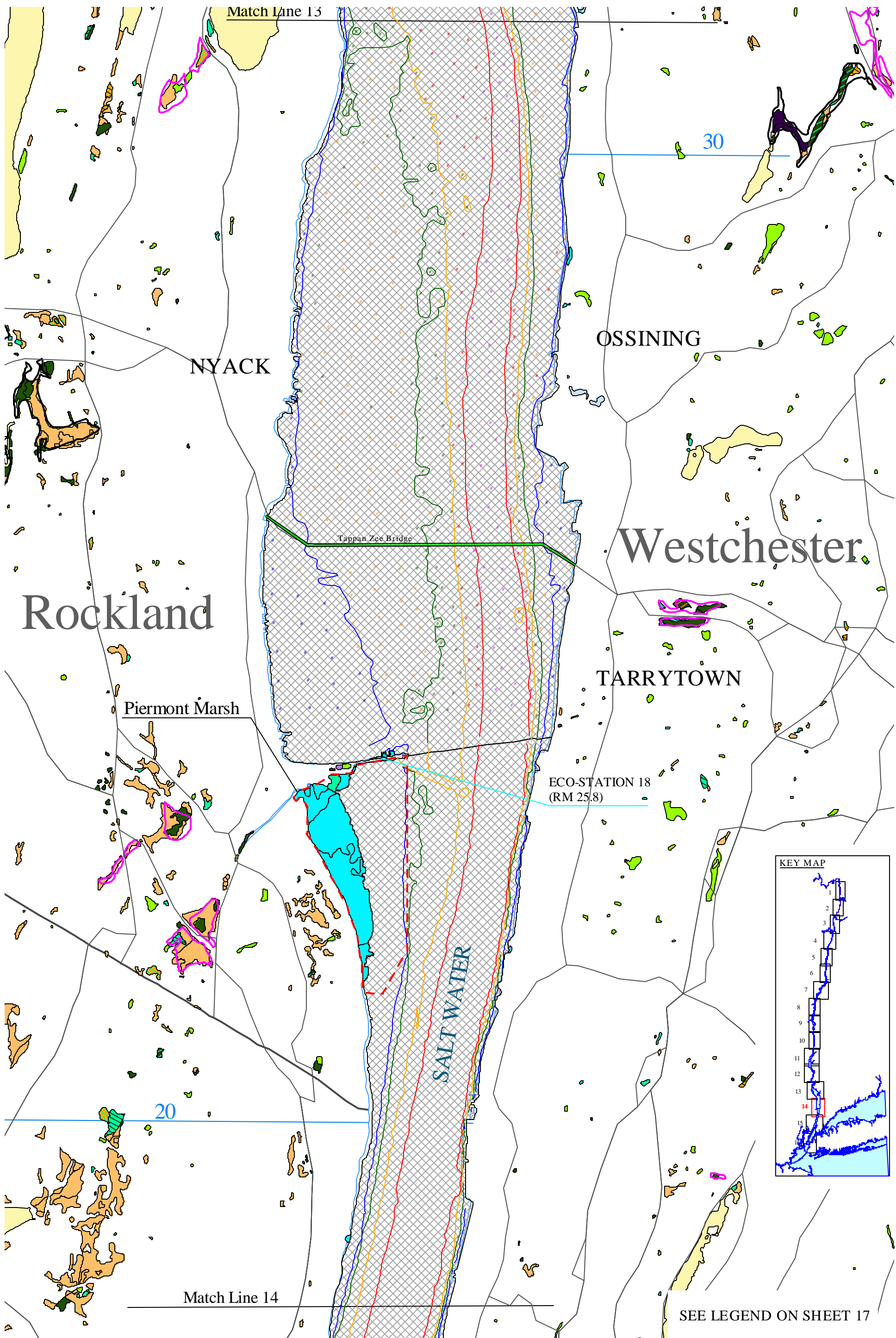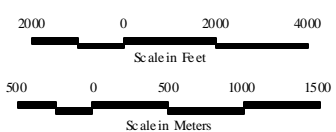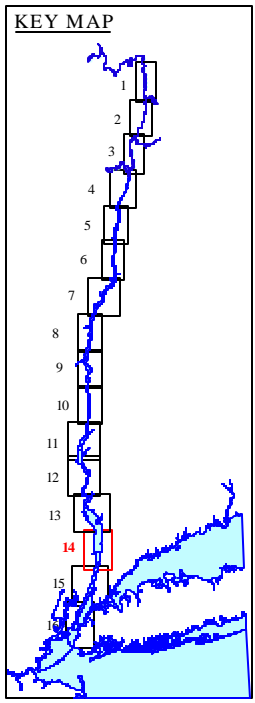
Hudson River PCBs Reassessment RI/FS
Revised Baseline Ecological Risk Assessment
October, 2000

Plate 1

Habitat Map

Sheet 17 of 17

UPPER HUDSON RIVER
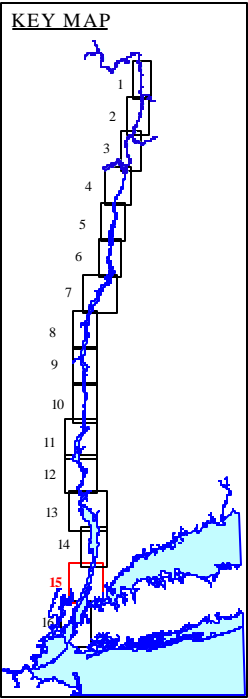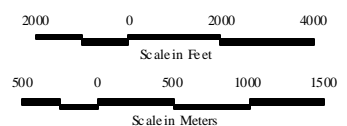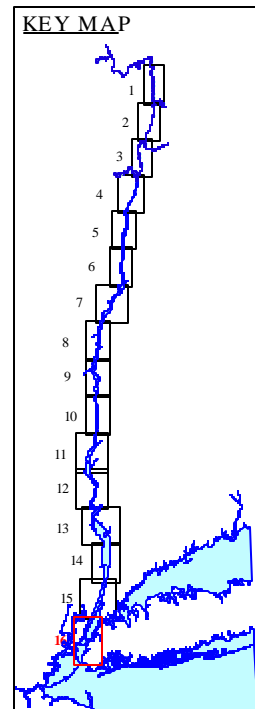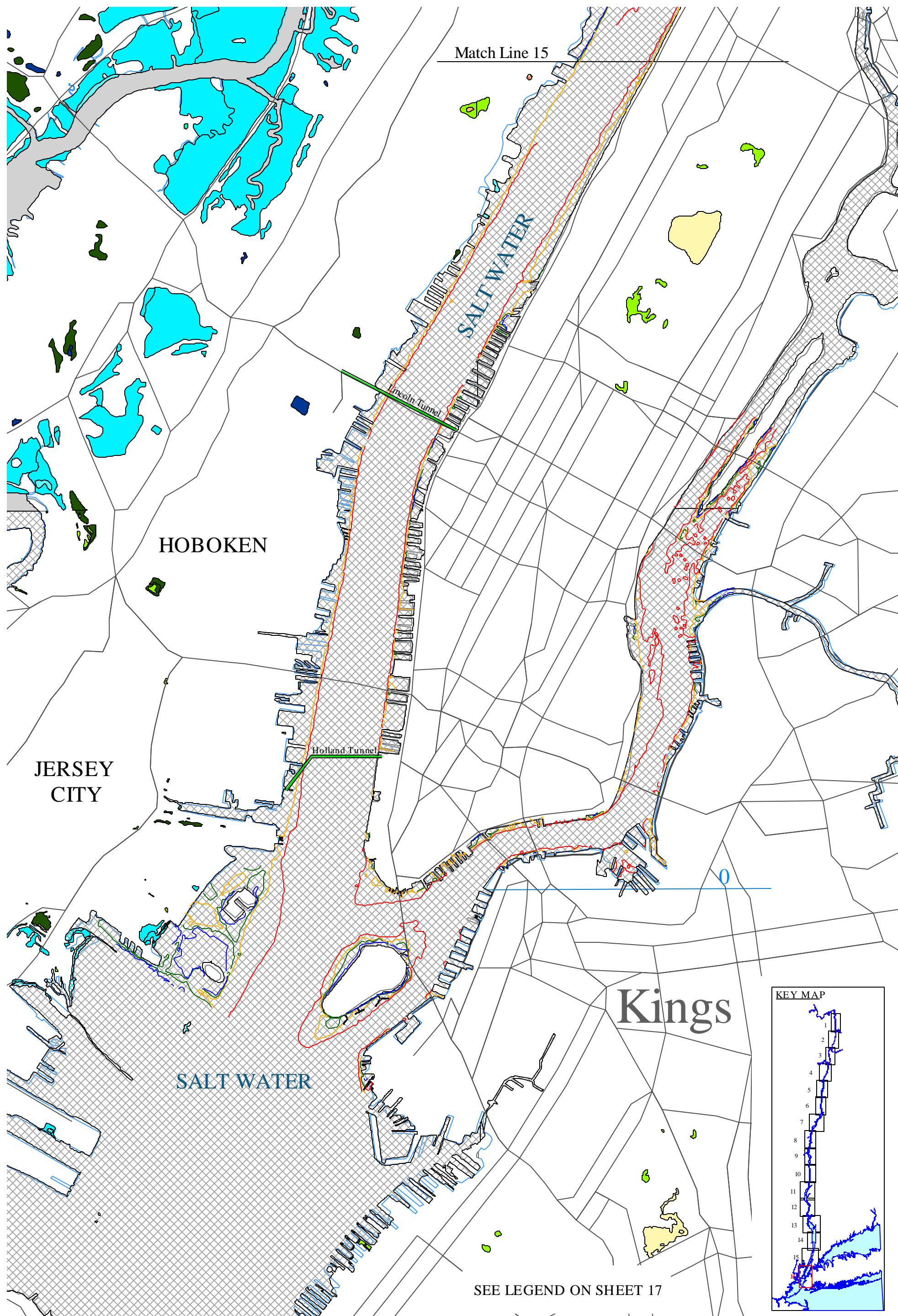
Labels on the Upper Hudson River map:
- GLENS FALLS (RM 199.5) – STATION 1
- FENIMORE BRIDGE (RM 197.6) – STATION 2
- LOCK 7 (RM 193.7) – STATION 10
- REMNANT DEPOSITS (RM 195.5) – STATION 3
- ROGERS ISLAND (RM 194.6) – STATION 4
- THOMPSON ISLAND DAM (RM 188.5) – STATION 5
- BATTEN KILL – STATION 11
- SCHUYLERVILLE (RM 181.3) – STATION 6
- STILLWATER (RM 168.3) – STATION 7
- HOOSIC RIVER – STATION 12
- MECHANICVILLE (RM 165.4) – STATION 19
- WATERFORD (RM 156.5) – STATION 8
- MOHAWK RIVER – STATION 13
- GREEN ISLAND BRIDGE (RM 151.7) – STATION 14

LOWER HUDSON RIVER

Labels on the Lower Hudson River map:
- GREEN ISLAND BRIDGE (RM 151.7) STATION 14
- COXSACKIE (RM 125) – STATION 15
- CEMENTON (RM 110) – STATION 16
- HIGHLAND (RM 77.0) – STATION 17

LEGEND:

— WATER-COLUMN TRANSECT SAMPLING STATION – ONLY

— WATER-COLUMN TRANSECT AND FLOW-AVERAGED SAMPLING STATION

—220— RIVER MILE (RM) UPSTREAM OF THE BATTERY

SOURCES:

SHORELINES AND RM DESIGNATIONS ARE APPROXIMATE.

1. ABOVE HUDSON FALLS – SHORELINE, RM DESIGNATIONS AND TRIBUTARIES WERE OBTAINED FROM USGS TOPOGRAPHIC MAPS.

2. SCHUYLERVILLE TO HUDSON FALLS – SHORELINE, RM DESIGNATIONS AND TRIBUTARIES WERE PRINCIPALLY DERIVED BY TAMS FROM THE HUDSON RIVER SURVEY, 1976-1977, FOR NYSDEC (NORMANDEAU ASSOCIATES, INC., 1977). PORTIONS OF THE SHORELINE AROUND ROGERS ISLAND AND BAKERS FALLS WERE OBTAINED FROM NYSDEC BASED ON SUBSEQUENT SURVEYS PERFORMED IN 1988-1992 (UNPUBLISHED).

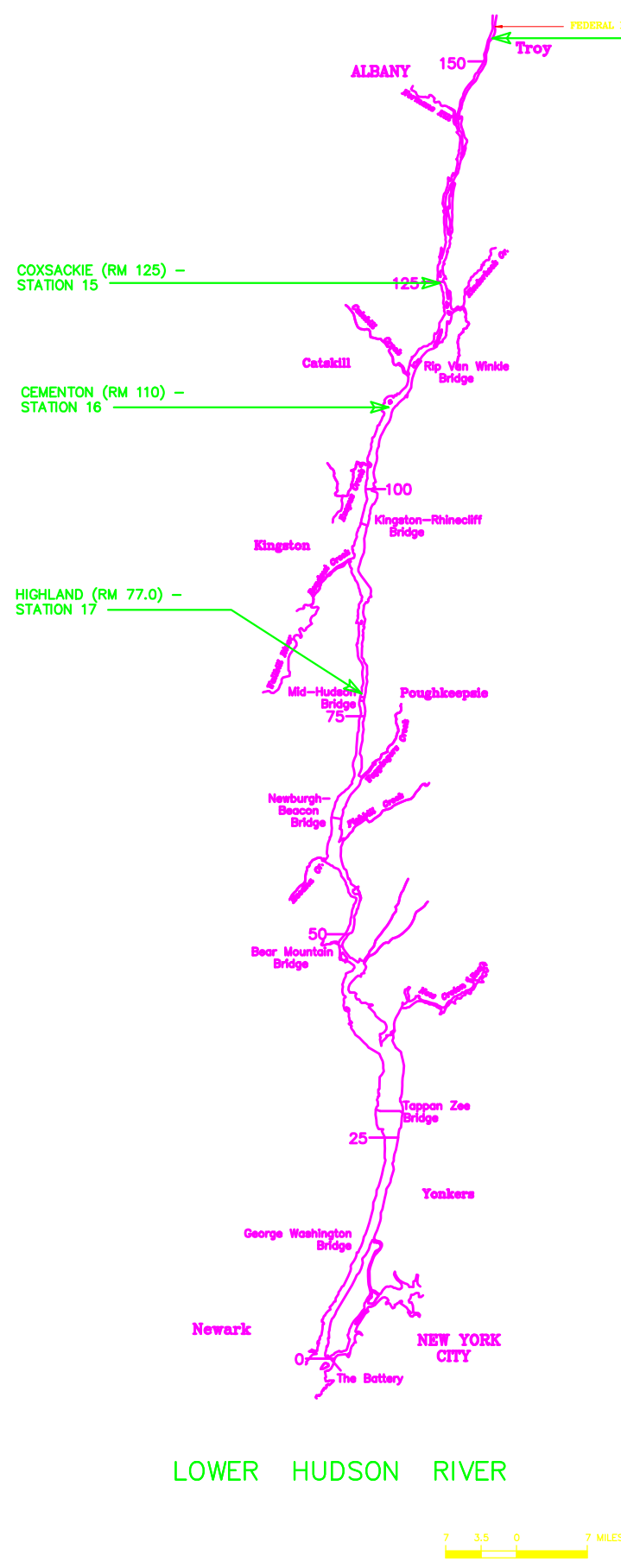3. FEDERAL DAM TO SCHUYLERVILLE – SHORELINE, RM DESIGNATIONS AND TRIBUTARIES WERE DERIVED BY GE FROM THE HUDSON RIVER SURVEY, 1976-1977, FOR NYSDEC (NORMANDEAU ASSOCIATES, INC., 1977).

4. BELOW FEDERAL DAM – SHORELINE, RM DESIGNATIONS AND TRIBUTARIES WERE OBTAINED FROM THE HUDSON RIVER FOUNDATION, 1990.

HUDSON RIVER PCB REASSESSMENT RI/FS
PHASE 2: FURTHER SITE CHARACTERIZATION AND ANALYSIS
VOLUME 2C: DATA EVALUATION AND INTERPRETATION REPORT

PHASE 2 WATER-COLUMN SAMPLING LOCATIONS IN HUDSON RIVER

TAMS / Gradient

PLATE 2