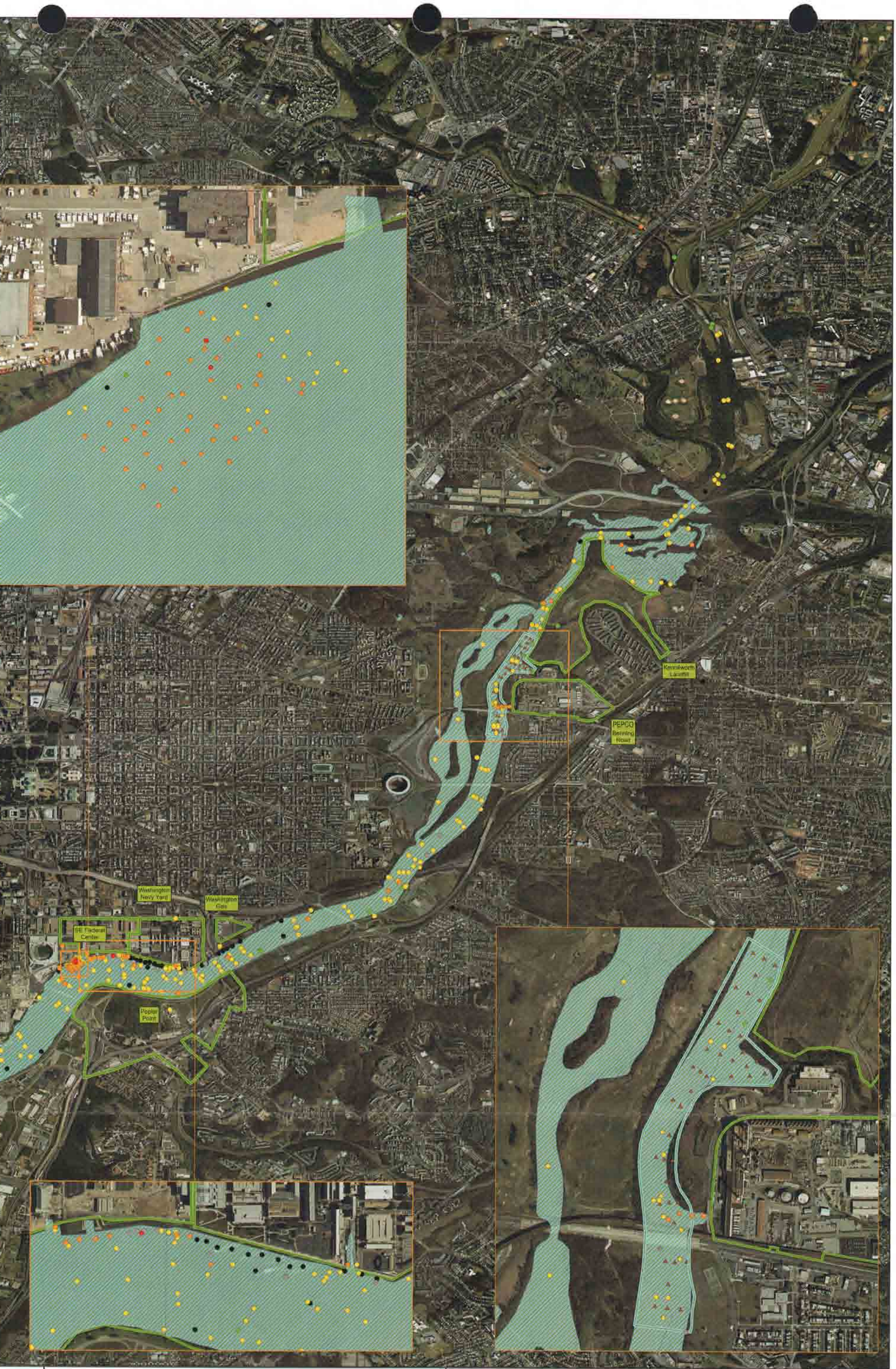


Total PCBs Concentrations in the Anacostia River Surficial Sediment
Benning Road Facility RI/FS Project
3400 Benning Rd., NE
Washington, DC 20019

0 0.5 1 2 Miles

Data presented has been queried from the NOAA Query Manager Database and may include data from the following studies:
1980-92 VA State Water Control Board
1981-82 MD CEP Water Monitoring Data
1986-88 NSWC White Oak Env. GIS Layer
1988 ICF/RBL/Inter-Tech Sediment Survey
1990 EMAP - Chesapeake Bay
1991 EMAP - Chesapeake Bay
1992 Bolling AFB - SW Corner
1992 Potomac & Anacostia Sediment Study
1993 EMAP - Chesapeake Bay
1993 FWS Kenilworth Marsh
1995 PEPCO
1995 Washington Navy Yard
1996 PWS PAH/PCB - Mason Neck
1996 WA Gas - East Station Project
1995 Wetland Restoration - Kenilworth
1997 DC Sediment Core Analysis
1998 BARC RI
1998 USACE Federal Nav Channel
1999 AVTA Sediment Quality Triad
1999 GSA SE Federal Center
1999 WA Navy Yard RI
2000 ANS Sediment Study
2000 Amount Tox Chesapeake Bay
2000 USFWS Bioavailability
2003 Active Capping Site Chei Rpt
2009 Final Site Inspection Report

Total PCBs (ppb)
- <59.8
- 59.8 - 676
- 676 - 5000
- 5000 - 100000+
- Non-Detect
- No Record

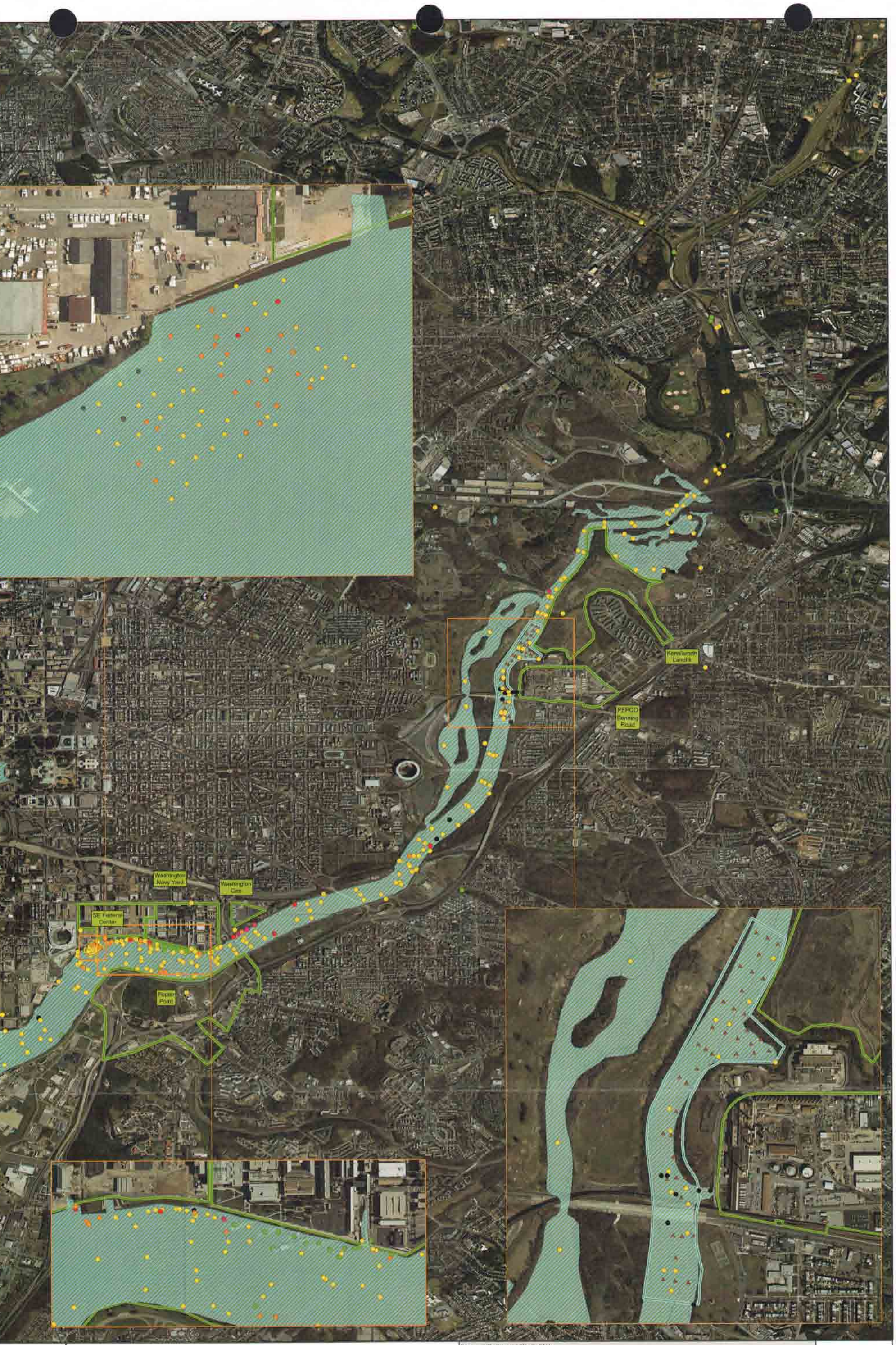
From 2009 SI Report
- <59.8
- 59.8 - 676
- 676 - 5000
- 5000 - 10000

Note: Totals from 2009 SI Report are sums of Aroclors 1254 and 1260

- Proposed Sampling Location
- Property Boundaries
- Proposed Study Area
- Riverine Boundary

AECOM

Figure 1



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Total PAH Concentrations in the Anacostia River Surficial Sediment
Benning Road Facility RI/FS Project
3400 Benning Rd., NE
Washington, DC 20019

0 0.5 1 2 Miles

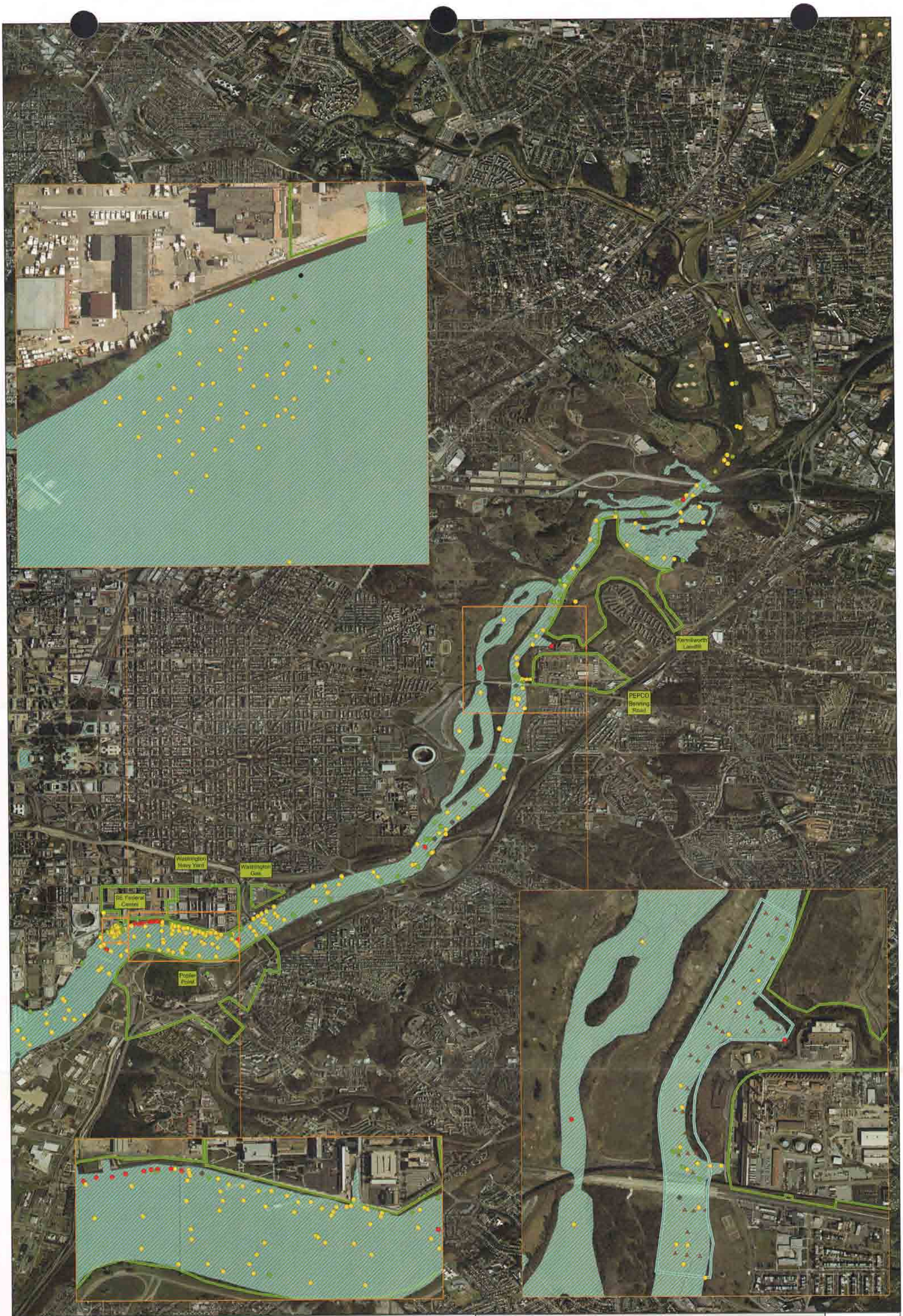
Data presented has been queried from the NOAA Query Manager Database and may include data from the following studies:
1980-92 VA State Water Control Board
1981-92 MD DEP Water Monitoring Data
1986-99 NSWC White Oak Env. GIS Layer
1989 IGPRBS Inter-Tech Sediment Survey
1990 EMAP - Chesapeake Bay
1991 EMAP - Chesapeake Bay
1992 Bolling AFB - SW Corner
1992 Potomac & Anacostia Sediment Study
1993 EMAP - Chesapeake Bay
1993 PWS Kenilworth Marsh
1995 PEPCO
1995 Washington Navy Yard
1996 PWS PAHRCS - Mason Neck
1996 WA Gas - East Station Project
1996 Wetland Restoration - Kenilworth
1997 DC Sediment Core Analysis
1998 BARC-99
1998 USACE Federal Nav Channel
1999 AWTA Sediment Quality Triad
1999 GSA SE Federal Center
1999 WA Navy Yard RI
2000 ANS Sediment Study
2000 Ambient Tox Chesapeake Bay
2000 USFWS Brownfields
2003 Active Capping Site One Rpt
2009 Final Site Investigation Report

PAH values (ppm)
- <1.61
- 1.61 - 22.8
- 22.8 - 50.0
- 50.0 - 100.0
- 100 +
- Non-Detect
- No Record

- Proposed Sampling Location
- Proposed Study Area
- Property Boundaries
- Riverine Boundary

AECOM

Figure 2

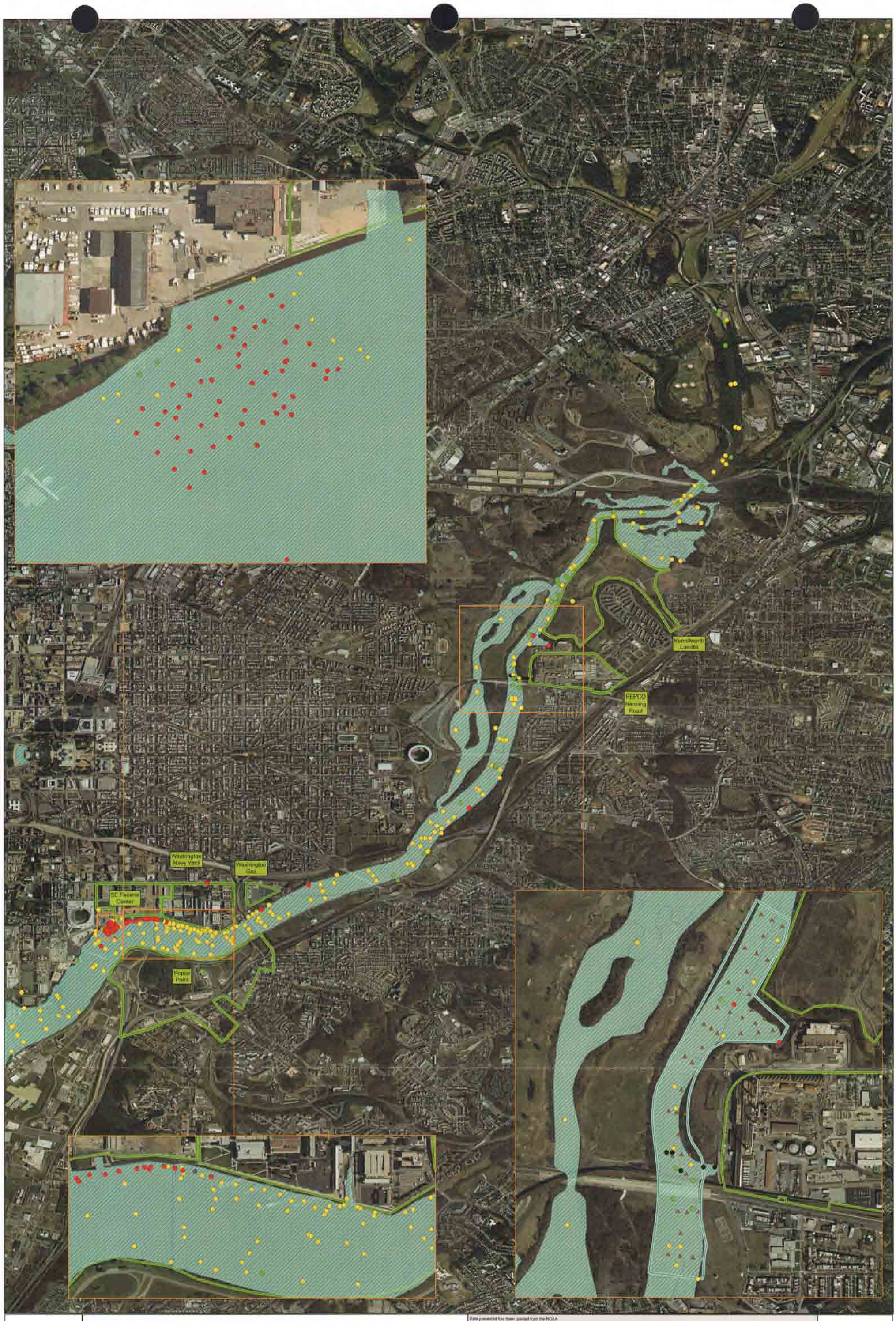


Total Cadmium Concentrations in the Anacostia River Surficial Sediment
Benning Road Facility RI/FS Project
3400 Benning Rd., NE
Washington, DC 20019

Data presented has been queried from the NOAA Query Manager Database and may include data from the following studies:
1989-92 VA State Water Control Board
1991-92 MD CEP Water Monitoring Data
1988-99 NSWC White Oak Env. GIS Layer
1989 ICF/RB/Lenno-Tech Sediment Survey
1990 EMAP - Chesapeake Bay
1991 EMAP - Chesapeake Bay
1992 Bolling AFB - SW Corner
1992 Potomac & Anacostia Sediment Study
1993 EMAP - Chesapeake Bay
1993 FWS Kenilworth Marsh
1995 PEPCO
1995 Washington Navy Yard
1996 PWD NN/PCB - Mason Neck
1996 WA Gas - East Station Project
1996 Wetland Restoration - Kenilworth
1997 DC Sediment Core Analysis
1998 BRAC RI
1998 USACE-Federal Nav Channel
1999 AWTA Sediment Quality Triad
1999 GSA SE Federal Center
1999 WA Navy Yard RI
2000 AME Sediment Study
2000 Ambient Tox Chesapeake Bay
2000 USFWS Bioavailability
2003 Active Capping Site Char Rpt
2008 Final Site Inspection Report

AECOM

Figure 3



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Total Copper Concentrations in the Anacostia River Surficial Sediment
Benning Road Facility RI/FS Project
3400 Benning Rd., NE
Washington, DC 20019

0 0.5 1 2 Miles

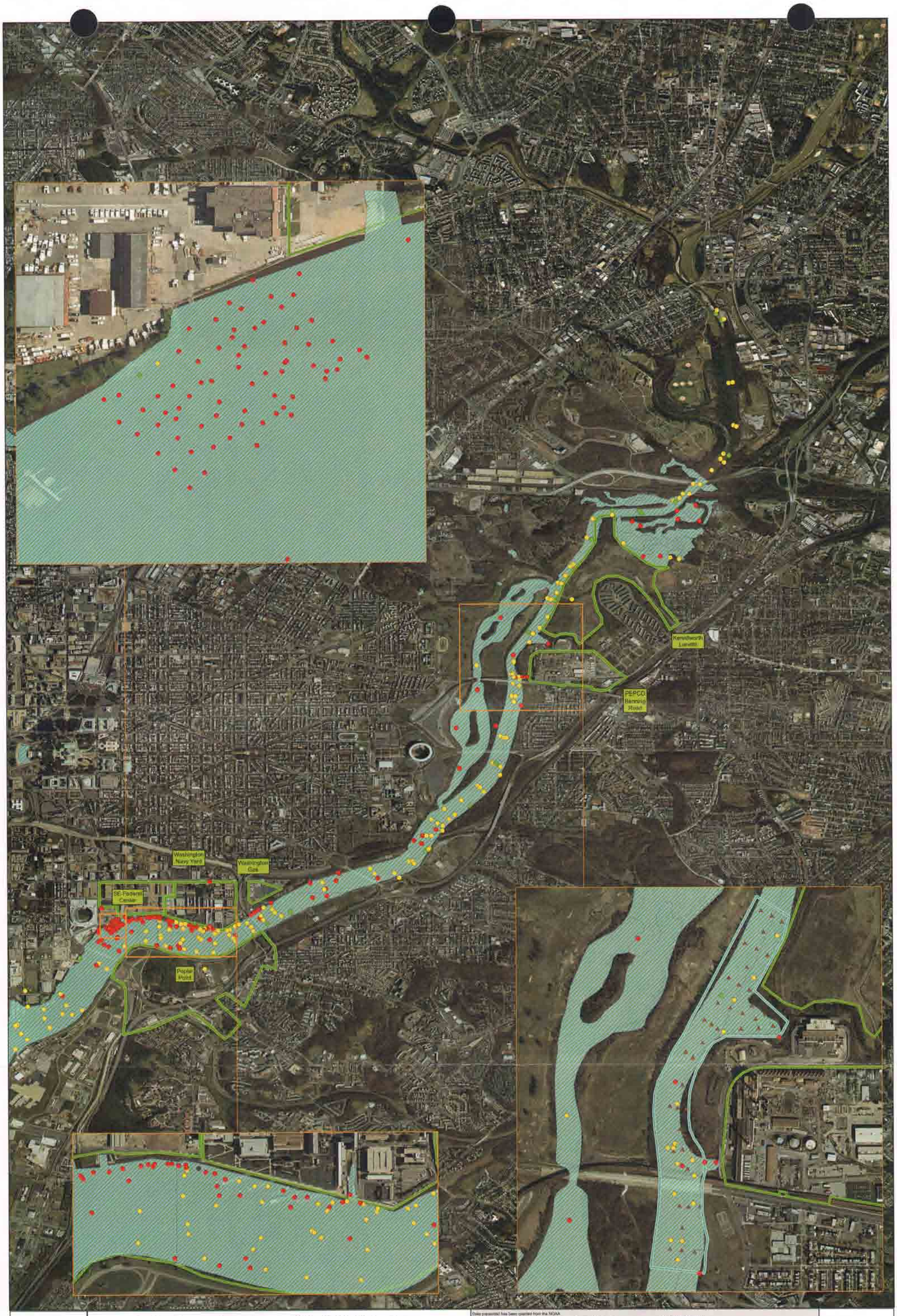
Data presented has been queried from the NOAA Query Manager Database and may include data from the following studies:
1980-92 VA State Water Control Board
1981-82 MD DEP Water Monitoring Data
1986-89 NRWC White Oak Exc. GIS Layer
1989 ICPRB/Limno-Tech Sediment Survey
1990 EMAP - Chesapeake Bay
1991 EMAP - Chesapeake Bay
1992 Belling AFB - SW Corner
1992 Potomac & Anacostia Sediment Study
1993 EMAP - Chesapeake Bay
1993 FWS Kenilworth Marsh
1995 PEPCO
1995 Washington Navy Yard
1996 FWS PAH/PCB - Mason Neck
1996 WA Gas - East Station Project
1996 Wetland Restoration - Kenilworth
1997 DC Sediment Core Analysis
1998 BARC RI
1998 USACE Federal Nav Channel
1999 AWTA Sediment Quality Triad
1999 GSA SE Federal Center
1999 WA Navy Yard RI
2000 ANS Sediment Study
2000 Ambient Tox Chesapeake Bay
2000 URFWS Bioavailability
2003 Active Capping Site Chal Rpt
2005 Final Site Inspection Report

Total Copper (mg/kg)
- <31.6
- 31.6 - 149.0
- 149.0+
- Non-Detect
- No Record

- Proposed Sampling Location
- Proposed Study Area
- Property Boundaries
- Riverine Boundary

AECOM

Figure 4



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Total Lead Concentrations in the Anacostia River Surficial Sediment
Benning Road Facility RI/FS Project
3400 Benning Rd., NE
Washington, DC 20019

0 0.5 1 2 Miles

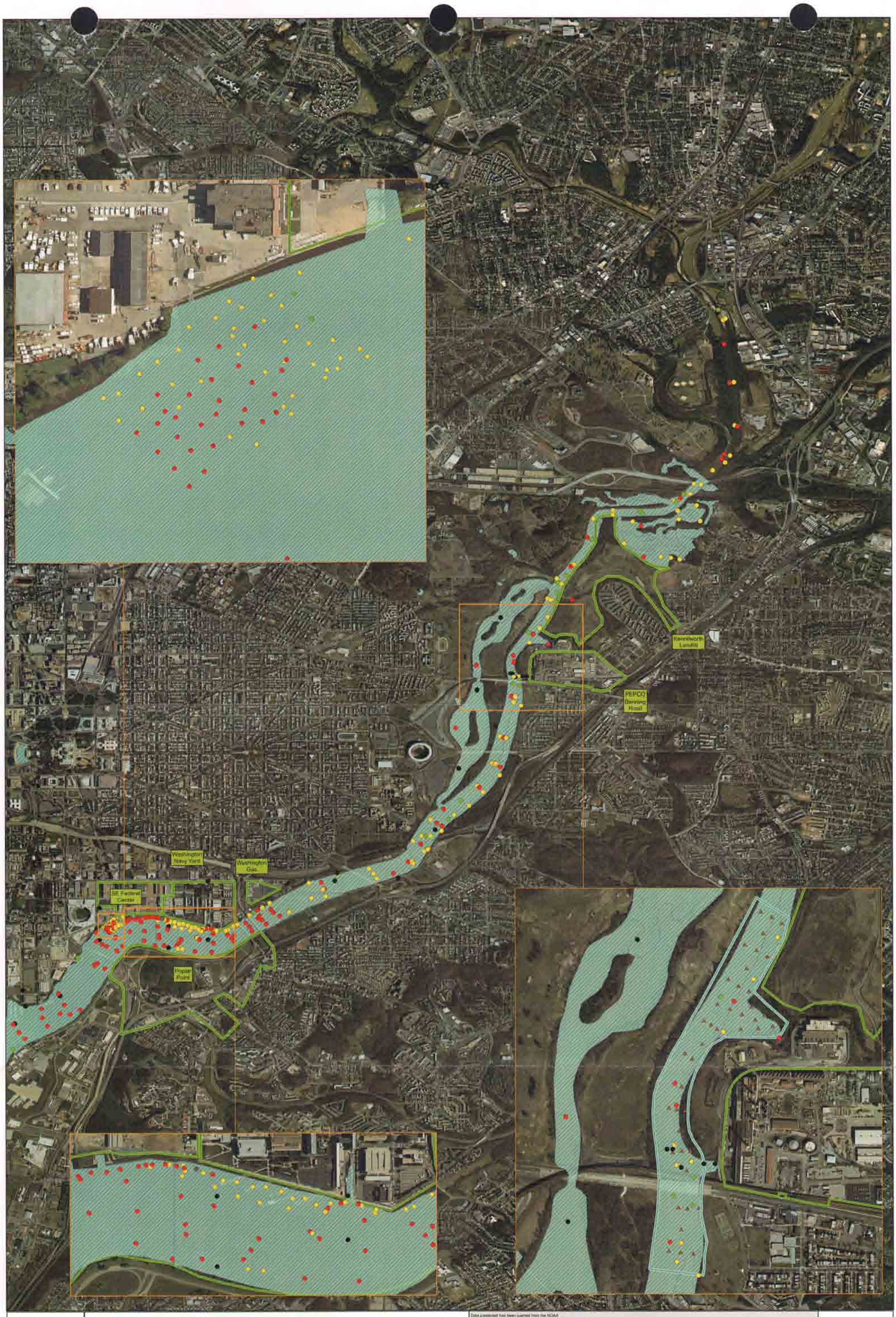
Data presented has been queried from the NOAA Query Manager Database and may include data from the following studies:
1980-82 VA State Water Control Board
1981-82 MD DEP Water Monitoring Data
1986-96 NSWC Water Oak Env. GIS Layer
1988 ICPRB/Cross-Tech Sediment Survey
1990 EMAP - Chesapeake Bay
1991 EMAP - Chesapeake Bay
1992 Bolling AFB - SW Corner
1992 Potomac & Anacostia Sediment Study
1993 EMAP - Chesapeake Bay
1993 FWS Kenilworth Marsh
1995 PEPCO
1995 Washington Navy Yard
1996 FWS PAH/PCB - Marsh Neck
1996 WA Gas - East Station Project
1996 Wetland Restoration - Kenilworth
1997 DC Sediment Core Analysis
1998 BARC RI
1998 USACE Federal New Channel
1999 AATA Sediment Quality Triad
1999 GSA SE Federal Center
1999 WA Navy Yard RI
2000 ANS Sediment Study
2000 Ambient Tox Chesapeake Bay
2000 USFWS Bioavailability
2003 Active Capping Site Char Rpt
2006 Final Site Inspection Report

Total Lead (mg/kg)
- <35.8
- 35.8 - 128.0
- 128.0+
- Non-Detect
- No Record

- Proposed Sampling Location
- Proposed Study Area
- Property Boundaries
- Riverine Boundary

AECOM

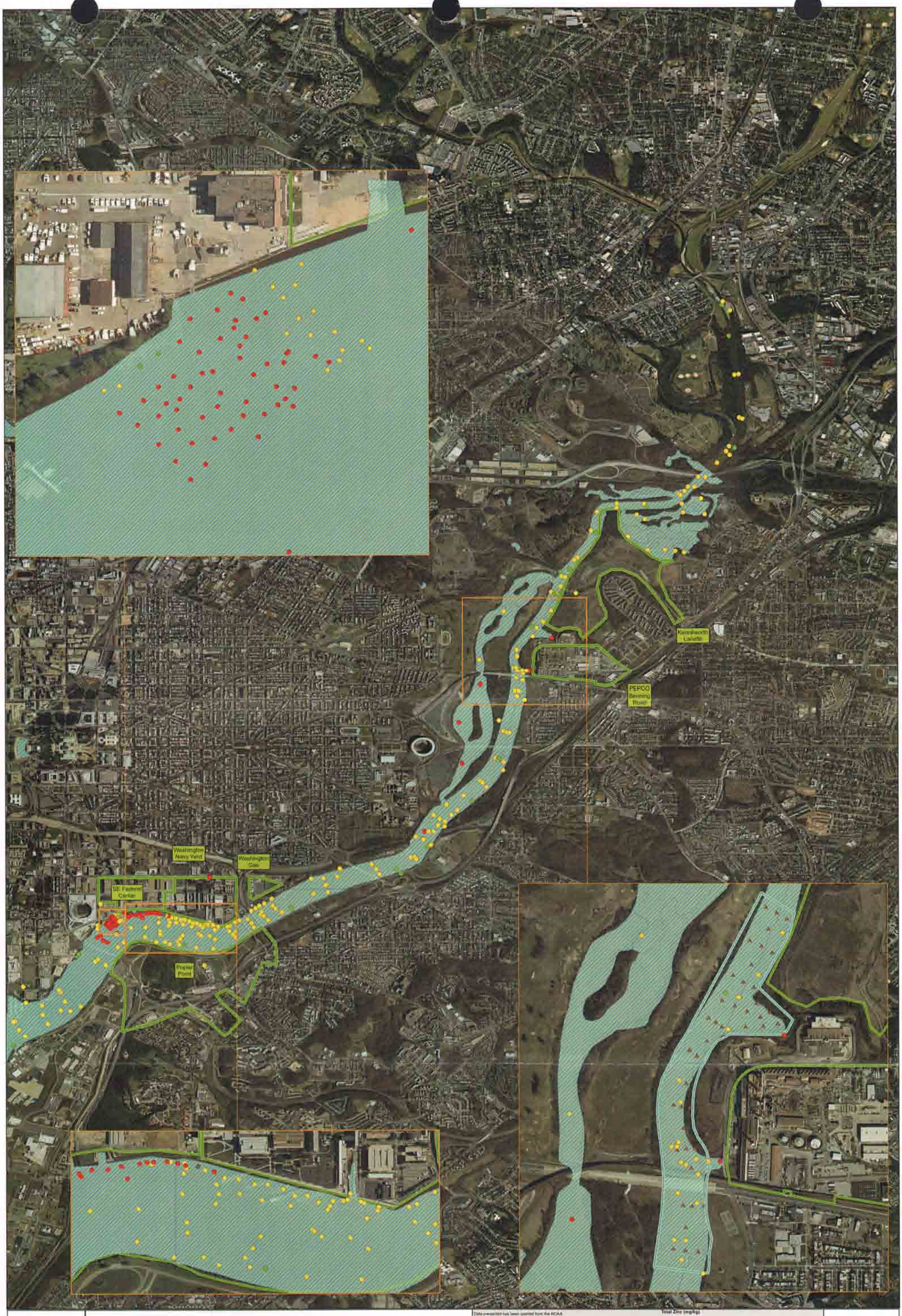
Figure 5



Total Nickle Concentrations in the Anacostia River Surficial Sediment
Benning Road Facility RI/FS Project
3400 Benning Rd., NE
Washington, DC 20019

AECOM

Figure 6



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Total Zinc Concentrations in the Anacostia River Surficial Sediment
Benning Road Facility RI/FS Project
3400 Benning Rd., NE
Washington, DC 20019

0 0.5 1 2 Miles

Data presented has been queried from the NOAA Query Manager Database and may include data from the following studies:
1980-82 WA State Water Control Board
1981-82 MD DEP Water Monitoring Data
1986-99 NRWC White Oak Exc. GIS Layer
1989 ICPRB/Limno-Tech Sediment Survey
1990 EMAP - Chesapeake Bay
1991 EMAP - Chesapeake Bay
1992 Bolling AFB - SW Corner
1992 Potomac & Anacostia Sediment Study
1993 EMAP - Chesapeake Bay
1993 FWS Kenilworth Marsh
1995 PEPCO
1995 Washington Navy Yard
1996 FWS NAHPCB - Mason Neck
1996 WA Gas - East Station Project
1996 Wetland Restoration - Kenilworth
1997 DC Sediment Core Analyses
1998 BARC III
1998 USACE Federal Nav Channel
1999 AWTA Sediment Quality Triad
1999 GSA SE Federal Center
1999 WN Navy Yard HI
2000 ANS Sediment Study
2000 Ambient Tox Chesapeake Bay
2000 USFWS Bioinvertebrate
2003 Active Capping Site Char Rpt
2003 Final Site Inspection Report

Total Zinc (mg/kg)
- <121.0
- 121.0 - 459.0
- 459.0+
- Non-Detect
- No Record
- Proposed Study Area
- Proposed Sampling Location
- Property Boundaries
- WetlandPly

AECOM

Figure 7