



**US Army Corps
of Engineers®**

**New York District
Albany Field Office
1 Bond Street
Troy, N.Y. 12180
ATTN: CENAN-OP-A**

Public Notice

In replying refer to:
Public Notice No. HR-AFO-MD25T
Published: September 15, 2025
Expires: October 15, 2025

**HUDSON RIVER NEW YORK
FEDERAL NAVIGATION PROJECT
MAINTENANCE DREDGING**

TO WHOM IT MAY CONCERN:

The New York District, US Army Corps of Engineers, pursuant to Section 10 of the Rivers and Harbors Act of 1899 and Section 404 (33 U.S.C. 1344) of the Federal Water Pollution Control Act (amended in 1977 and commonly referred to as the Clean Water Act), proposes to perform maintenance dredging of the Federal Navigation Project: HUDSON RIVER at the Troy Federal Lock & Dam Dock, Reach N04 (see Enclosures 1 thru 3); with subsequent placement of the dredged material in a registered commercial upland disposal site to be determined.

ACTIVITY: Maintenance dredging of the following Federal Navigation Projects: Hudson River at the Troy Federal Lock & Dam, Reach N04, Troy, NY; with subsequent placement of the dredged material in a registered commercial upland disposal site to be determined.

**WATERWAY/
PROJECT:** Hudson River, New York, Federal Navigation Project

LOCATIONS: City of Troy, Rensselaer County, New York.

The Hudson River Federal Navigation Project was authorized by the Rivers and Harbors Acts of 1910 to 1930; and modified in 1934, 1935, 1938 and 1954, in accordance with the recommendations contained in the following Congressional Documents: House Document (HD) No. 719, 61st Congress, 2nd Session (Jun 1910) and modified by HD No.350, 68th Congress, 1st Session (Mar 1925); HD No. 210, 70th Congress, 1st Session (Jul1930); Senate Document No. 155, 72nd Congress, 2nd Session (Aug 1935); HD No. 572, 75th Congress, 3rd Session (Jun 1938); and Public Law No. 780, 83rd Congress, 2nd Session (Sep 1954).

The existing navigation project authorizes a channel 600 ft. wide, New York City to Kingston, thence 400 ft. wide to 2,200 ft. wide south of the Mall Bridge (Dunn Memorial Bridge) at Albany with a turning basin at Albany and anchorages near Hudson and Stuyvesant, all with depths of 32 ft. in soft material and 34 ft. in rock; thence 27 ft. deep and 400 ft. wide to 900 ft. south of the Mall Bridge (Dunn Memorial Bridge); thence 14 ft. deep and generally 400 ft. wide, to the Federal Lock at Troy; and thence 14 ft. deep and 200 ft. wide, to the southern limit of the State Barge Canal at Waterford; with widening at bends and widening in front of the cities of Troy and Albany to form harbors 12 ft. deep. The total length of the existing navigation project (NYC to Waterford) is about 155 miles.

A detailed description of the proposed activities is enclosed to assist in your review. This activity is being evaluated to determine that the proposed dredging with commercial upland disposal will not unreasonably degrade or endanger human health, welfare, economic potential, recreation and aesthetics, water quality, marine resources, ecological systems and/or flood protection.

The Corps of Engineers is soliciting comments from the public; federal, state and local agencies and officials; Indian tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Comments are used to assess impacts on navigation, water quality, endangered species, historic resources, wetlands, scenic and recreational values, and other public interest factors. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act and to determine the need for a public hearing.

ALL COMMENTS REGARDING THIS ACTIVITY MUST BE PREPARED IN WRITING AND MAILED TO REACH THE ALBANY FIELD OFFICE AT THE ADDRESS ON THE FRONT PAGE BEFORE THE EXPIRATION DATE OF THIS NOTICE. otherwise, it will be presumed that there are no objections to the activity.

Any person who has an interest which may be affected by the dredging and/or disposal of this dredged material may request a public hearing. The request must be submitted in writing to the District Engineer within the comment period of this notice and must clearly set forth the interest which may be affected and the manner in which the interest may be affected by the activity. It should be noted that information submitted by mail is considered just as carefully in the process and bears the same weight as that furnished at a public hearing.

No known archaeological, scientific, prehistorical or historical data are expected to be lost by work accomplished under the required dredging.

Reviews of the activity pursuant to Section 404 of the Clean Water Act will include application of the guidelines announced by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act. The Corps will obtain a water quality certificate (WQC) or waiver from the New York State Department of Environmental Conservation, in accordance with Section 401 of the Clean Water Act prior to commencement of any work.

Pursuant to Section 307 of the Coastal Zone Management Act of 1972 as amended [16 USC 1456(c)], for activities conducted or supported by a federal agency in a state which has a federally approved Coastal Zone Management (CZM) program, the Corps will submit a determination that the proposed project is consistent with the State CZM program to the maximum extent practicable. This activity is subject to review by the New York State Department of State for its consistency with the enforceable policies of the New York State Coastal Management Program. The New York District of the US Army Corps of Engineers has determined that the proposed activities are consistent to the maximum extent practicable with the New York State CZM program. A copy of this determination will be provided to the New York State Department of State, Division of Coastal Resources, with a request for State's agreement with that determination. For activities within the coastal zone of the State of New York, project information is available from the Coastal Zone Management Program, New York State Department of State, Office of Coastal, Local Government, and Community Sustainability, One Commerce Plaza, 99 Washington Avenue, Suite 1010, Albany, NY 11231, telephone (518) 474-3642.

In compliance with Section 305(b)(2) of the Magnuson-Stevens Fishery Conservation and Management Act (1996 amendments), an Essential Fish Habitat Assessment will be prepared and submitted to the National Marine Fisheries Service for review and comment.

The proposed work is being coordinated with the following federal, state and local agencies:

- U.S. Environmental Protection Agency (EPA)
- U.S. Department of the Interior, Fish and Wildlife Service
- U.S. Department of Commerce, National Marine Fisheries Service
- U.S. Coast Guard, First District (USCG)

- New York State Department of Environmental Conservation (DEC)
- New York State Department of State (DOS)

If you have any questions concerning this notice, you may contact the Albany Field Office at (518) 273-0870 and ask for Mr. Devon Hinds. Questions may be FAXED to (518) 273-3772 ATTN: Mr. Devon Hinds.

DESCRIPTION OF PLANNED FEDERAL ACTION:

The U.S. Army Corps of Engineers, New York District proposes to perform maintenance dredging of the Hudson River Federal Navigation Project, located in Troy, New York (River Mile 152, see Enclosure 1). The Hudson River channel was last dredged in 2022 with the removal of 56,795 CY of sediment. Based on surveys performed 25 March 2025, the proposed maintenance dredging would involve the removal of a combined estimated total of approximately 9,000 CY of material from the dredging areas. The project will be dredged to its authorized depth of -14 feet plus 1 foot of allowable over depth. The project depth is referenced to the plane of COE River Datum. The plane of COE River Datum Normal Pool is approximately 13.59 feet above NAVD88.

The purpose of the proposed dredging is to alleviate the effects of shoaling in the area of reach N04; thus granting USACE vessel's access to the Hudson River for channel clearing and snagging operation, and assuring safe and economical use of the Hudson River by commercial shipping interests. The dredge material has been tested and meets the criteria for processing, treatment and confined disposal in a registered and approved commercial upland disposal site.

Maintenance dredging of the Hudson River Federal Navigation Projects will be accomplished by a mechanical dredge or other similar plant. The entire channel will generally not require maintenance dredging; only areas where shoaling has reduced the depth of the channel will require dredging. All dredging for this project is expected to be confined to the area of reach N04 and near the Troy Lock.

ENVIRONMENTAL IMPACT STATEMENT:

An Environmental Impact Statement (EIS) was prepared by the U.S. Army Engineer District, New York in January 1983. Environmental Assessments (EA) updating this EIS were prepared by the New York District for similar Hudson River (and Hudson River tributary) maintenance dredging projects performed from 1986 to 2022. It was determined then that maintenance dredging of the Hudson River Federal Navigation Project, has no significant adverse environmental impacts on water quality, marine resources, fish, wildlife, recreation, aesthetics and flood protection.

An update of the EA and a 404 (b) evaluation as required by the Clean Water Act 40 CFR 230 will be finalized prior to the implementation of the proposed work. A copy of the draft EA will be available upon request by contacting the Albany Field Office.

PLACEMENT/DISPOSAL SITE:

The dredged material from this project is proposed to be placed in a registered upland disposal site, to be determined by the contractor performing the work, with the approval of New York State DEC.

MATERIAL DESCRIPTION:

The proposed dredge area is depicted in Enclosure 2. The proposed dredge material has been characterized by taking sediment core samples extending to a depth of -14 feet (project depth) plus 1 foot of allowable over-depth. Based on the analysis of the core samples; the average grain size characteristics of the proposed dredged material are as follows:

Troy Lock & Dam Dock Dredge Area:

- **1.9% Gravel, 37.3% Sand, 47.5% Silt, 13.3% Clay**

See Enclosure 2 for sample locations and Enclosure 2 thru 3 for physical and chemistry summary data tables. The full chemistry data reports entitled "Technical Report on the Sampling and Testing of Material from the Hudson River – Troy Lock & Dam, Delivery Order No. W912DS-22-D-0002" dated July 2025 are available for review at the Albany Field Office, Troy, NY.

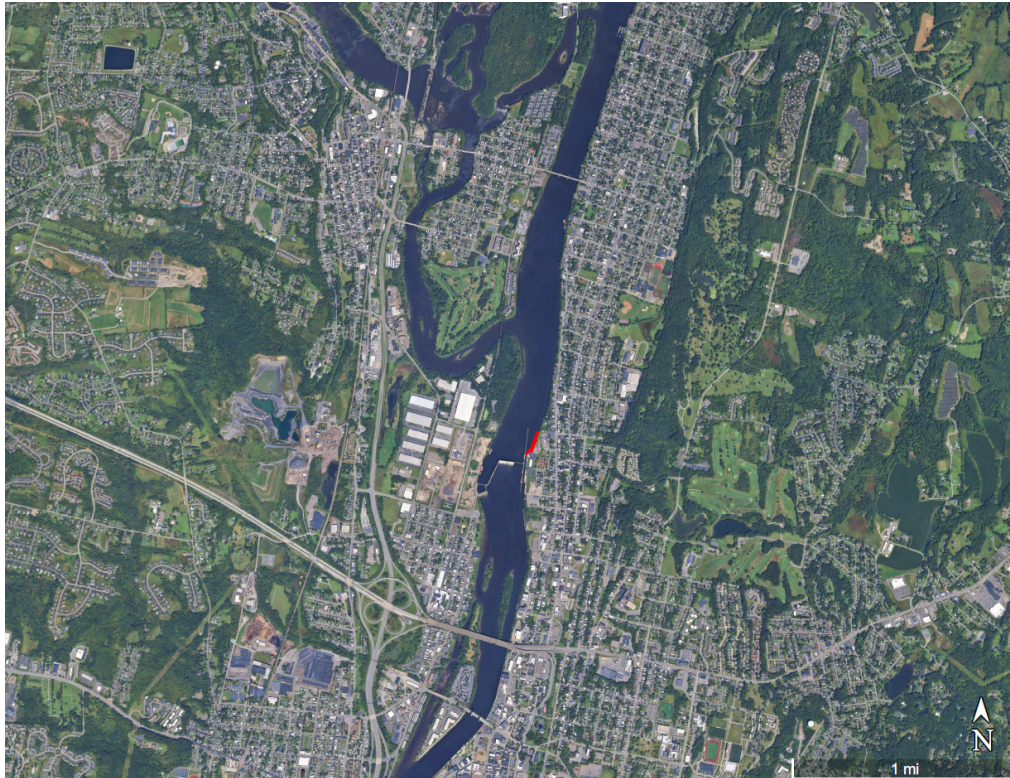
For more information on the New York District Corps of Engineers programs, visit our website at <http://www.nan.usace.army.mil>

It is requested that you communicate the foregoing information concerning the proposed work to any persons known by you to be interested and who did not receive a copy of this notice.

Michael T. Wright
Branch Chief, Albany Field Office

Enclosures
As Stated

Dredging Area



ENCLOSURE 1
LOCATION MAP OF
PROPOSED DREDGING
AREA
(Not to Scale)

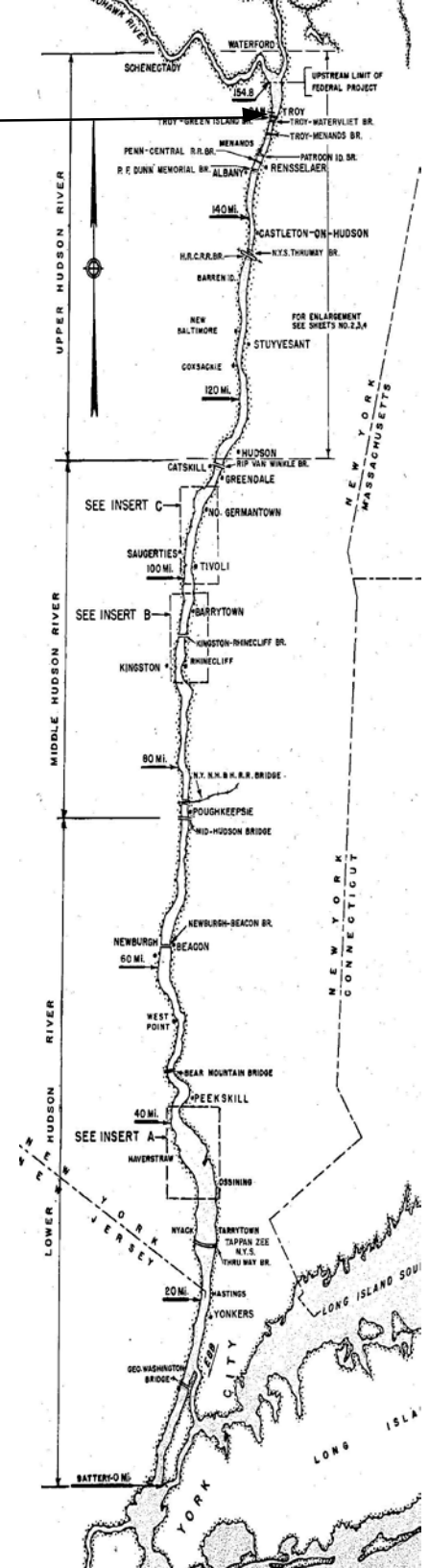


Figure 1. Sample Locations Map

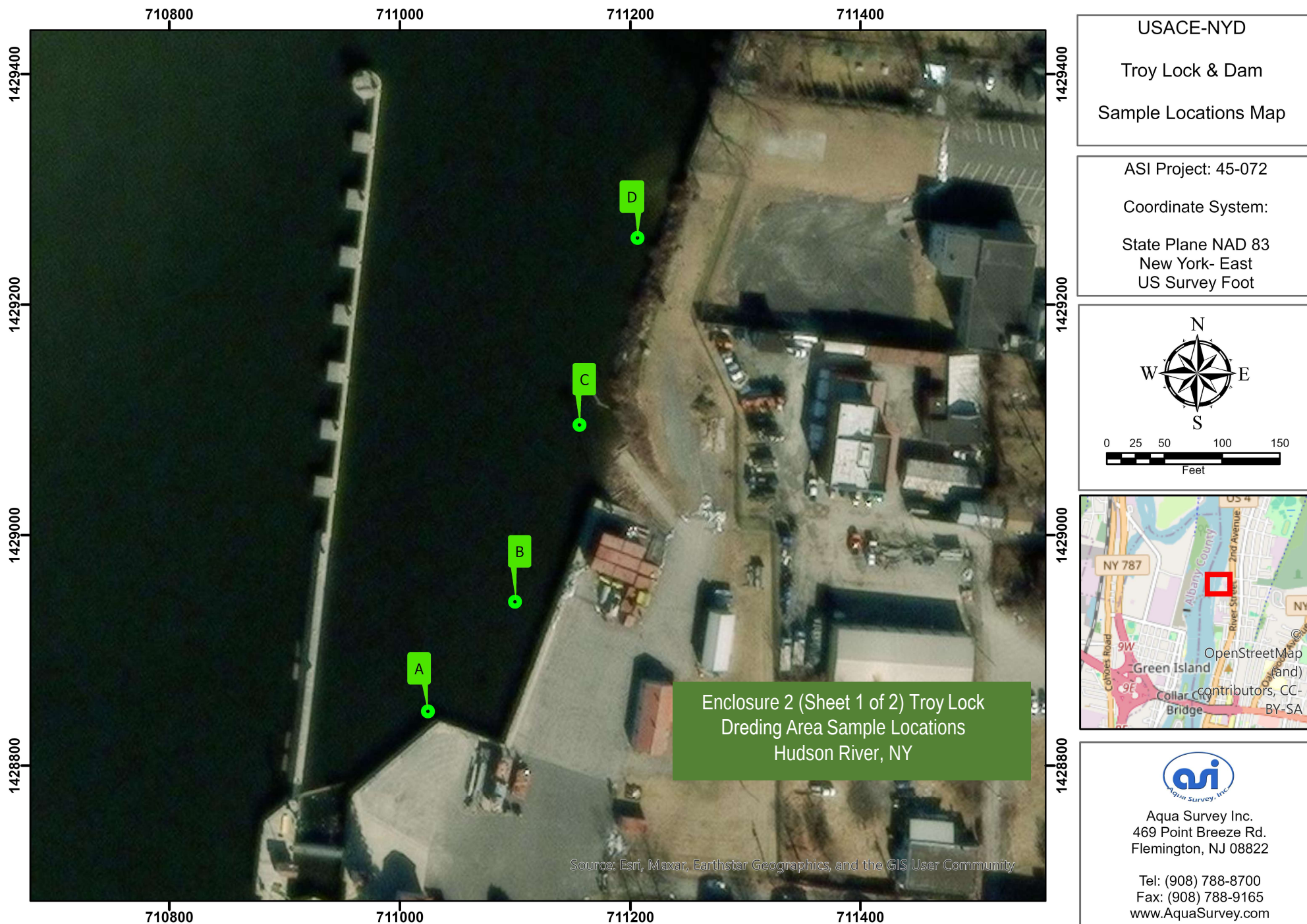


Table 1. DGPS Coordinates

Core Name	Northings	Eastings
A	1428847.0	711024.3
B	1428942.2	711099.8
C	1429095.6	711155.8
D	1429257.8	711206.1

Table 2. Sample Identification and Compositing Scheme

Core Name	ASI ID #	Amended ID
A	20250716	Amended A 20250720
B	20250717	Amended B 20250721
C	20250718	Amended C 20250722
D	20250719	Amended D 20250723

Table 3. Grain Size Distribution, Percent Moisture & TOC

Sample ID	ASI #	Total % Gravel	Total % Sand	Total % Silt	Total % Clay	% Moisture	TOC ppm	% TOC of Dry Weight
A	20250716	1.1	42.8	42.8	13.3	44.15	22,998	2.30
B	20250717	0.6	20.7	62.4	16.3	50.56	46,029	4.60
C	20250718	2.5	33.8	50.1	13.6	45.77	23,338	2.33
D	20250719	3.3	51.9	35.0	9.8	40.70	16,457	1.65
D	20250719 dup	3.3	51.8	34.7	10.2	40.41		
D	20250719 trp	3.4	52.0	34.3	10.3	41.82		

Troy, NY Dredging Area
mg/kg

ASI ID	#20250716		#20250717		#20250718		#20250419	
Composite ID	COMP A	Q	COMP B	Q	COMP C	Q	COMP D	Q
Analyte	Concentration	Q	Concentration	Q	Concentration	Q	Concentration	Q
Benzene	0.00086	U	0.00097	U	0.00095	U	0.001	U
Toluene	0.00035	U	0.01		0.0021		0.00041	UF1
Xylenes(Total)	0.00026	U	0.0008	JB	0.00033	JB	0.00031	UF1
Total BTX	0.000735		0.011285		0.002905		0.00086	
Naphthalene	0.063		0.0083		0.0042	J	0.004	J
Acenaphthylene	0.0079		0.0098		0.015		0.0092	
Acenaphthene	0.046		0.0019	U	0.0036	J	0.0041	J
Fluorene	0.047		0.0092		0.0071		0.0059	
Phenanthrene	0.28		0.049		0.068		0.055	
Anthracene	0.043		0.013		0.018		0.019	
Fluoranthene	0.61		0.086		0.14		0.15	
Pyrene	0.42		0.086		0.12		0.11	
Benzo(a)anthracene	0.2		0.044		0.063		0.066	
Chrysene	0.2		0.048		0.063		0.069	
Benzo(b)fluoranthene	0.2		0.066		0.085		0.094	
Benzo(k)fluoranthene	0.063		0.02		0.033		0.03	
Benzo(a)pyrene	0.1		0.037		0.057		0.058	
Indeno(1,2,3-cd)pyrene	0.057		0.026		0.039		0.04	
Dibenzo(a,h)anthracene	0.02		0.009		0.013		0.013	
Benzo(ghi)perylene	0.071		0.033		0.047		0.05	
Total PAH	2.4279		0.54525		0.7759		0.7772	
Dieldrin	0.019	U	0.000021	U	0.0002	U	0.000018	UF1F2
4,4'-DDE	0.015	U	0.000017	U	0.00017	U	0.000015	U
4,4'-DDD	0.016	U	0.000017	U	0.00017	U	0.000043	Jp
4,4'-DDT	0.053	U	0.000059	U	0.0011	p	0.000052	U
DDT+DDD+DDE	0.0685	U	0.0000465	U	0.00127		0.0000765	
Chlordane	0.018	U	0.00002	U	0.000195	U	0.0000175	UF1F2
Mirex	0.054	U	0.00006	U	0.00059	U	0.000053	U
Aroclor-1016	0.0024	U	0.027	U	0.0027	U	0.00024	UF1
Aroclor-1221	0.0026	U	11		1.9		0.00026	U
Aroclor-1232	0.0018	U	0.02	U	0.002	U	0.00018	U
Aroclor-1242	0.8		8.6		1.1		0.2	
Aroclor-1248	0.0018	U	0.02	U	0.002	U	0.00018	U
Aroclor-1254	0.0022	U	0.025	U	0.0025	U	0.2	
Aroclor-1260	0.045		0.37		0.083		0.00021	U
Total PCB	0.85		20		3.1		0.4	
Arsenic	4.2		5.9		4.8		3.8	
Cadmium	1		18		3.9		0.58	
Copper	30		71		41		28	
Lead	39		230		78		34	
Mercury	0.16		2.3		0.65		0.34	F2F1
Dioxin (Toxic Equiv Total)	0.000011061		0.00007441		0.00004351		0.000007891	

- Totals:
- 1) include estimated values, those reported with a J qualifier
 - 2) If a concentration of a specific contaminant is reported as 'non-detect' or less than, and the method detection limit was not achieved, then the detection limit is used as an estimate of the maximum possible concentration.
 - 3) If a concentration of a specific contaminant is reported as 'non-detect' or less than, and the detection limit achieved was at or below the method detection limit, then half the achieved detection limit is used as an estimate of the concentration.
 - 4) Chlordane = sum of alpha and gamma chlordane