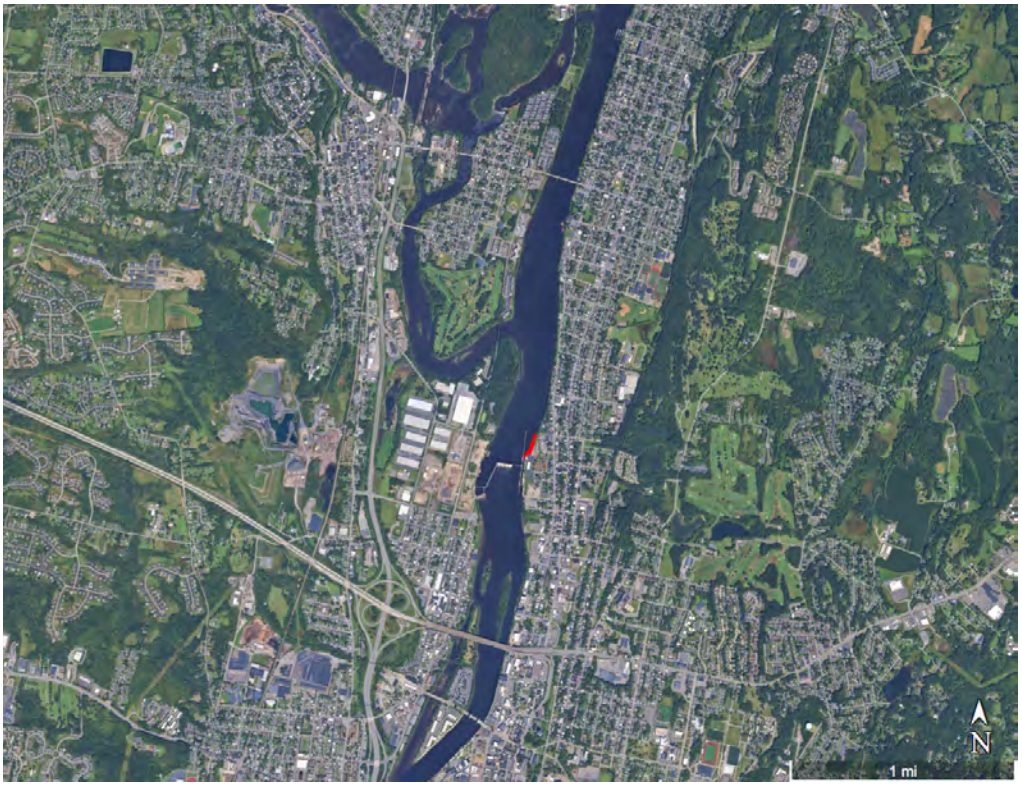
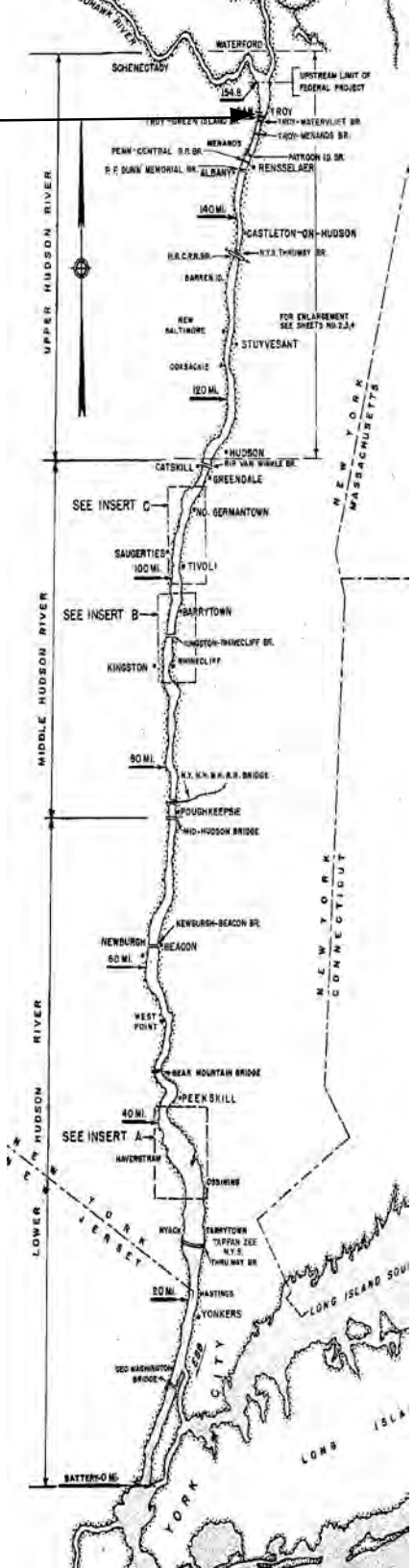
Dredging Area





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

Figure 1. Sample Locations Map

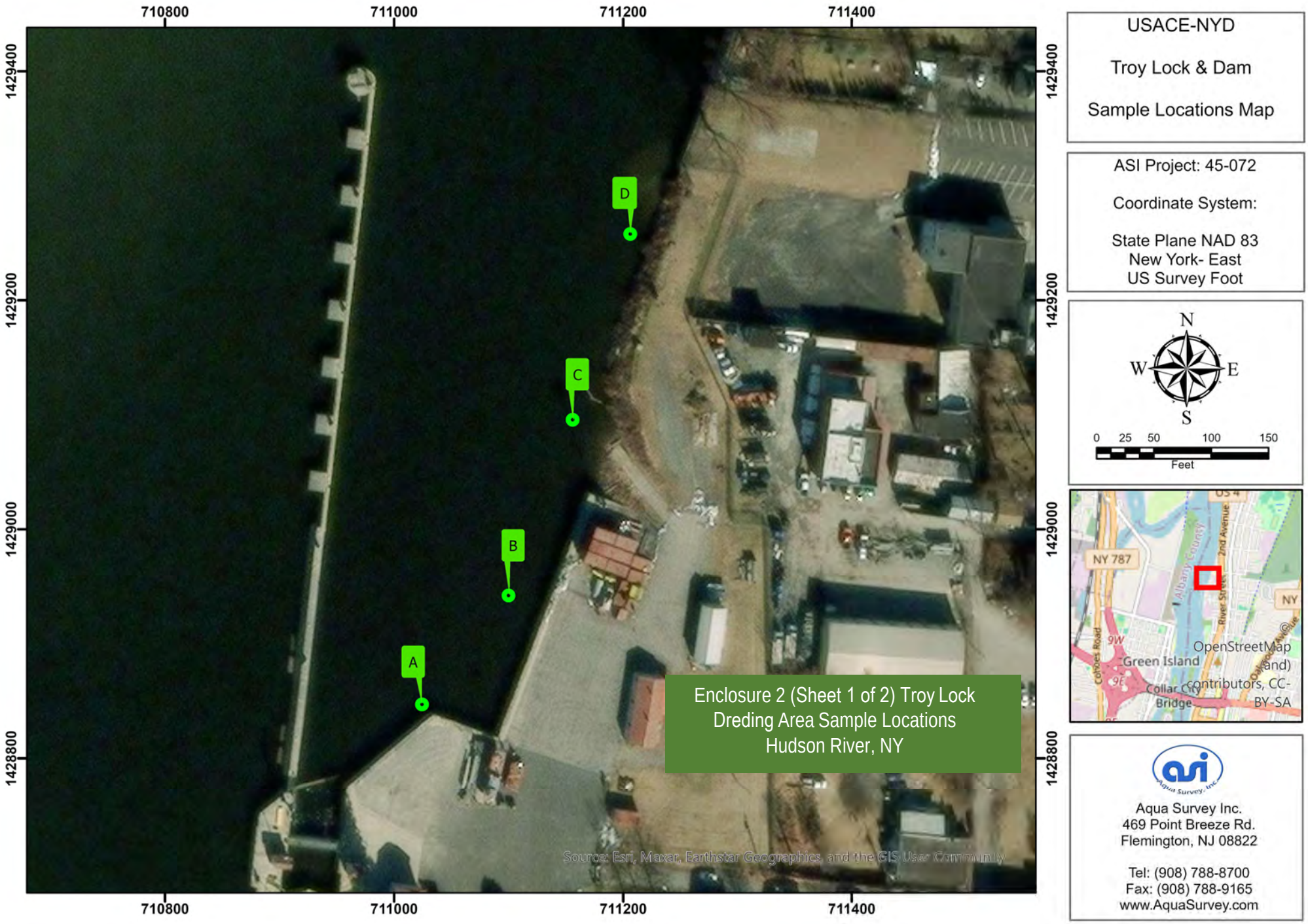


Table 1. DGPS Coordinates

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