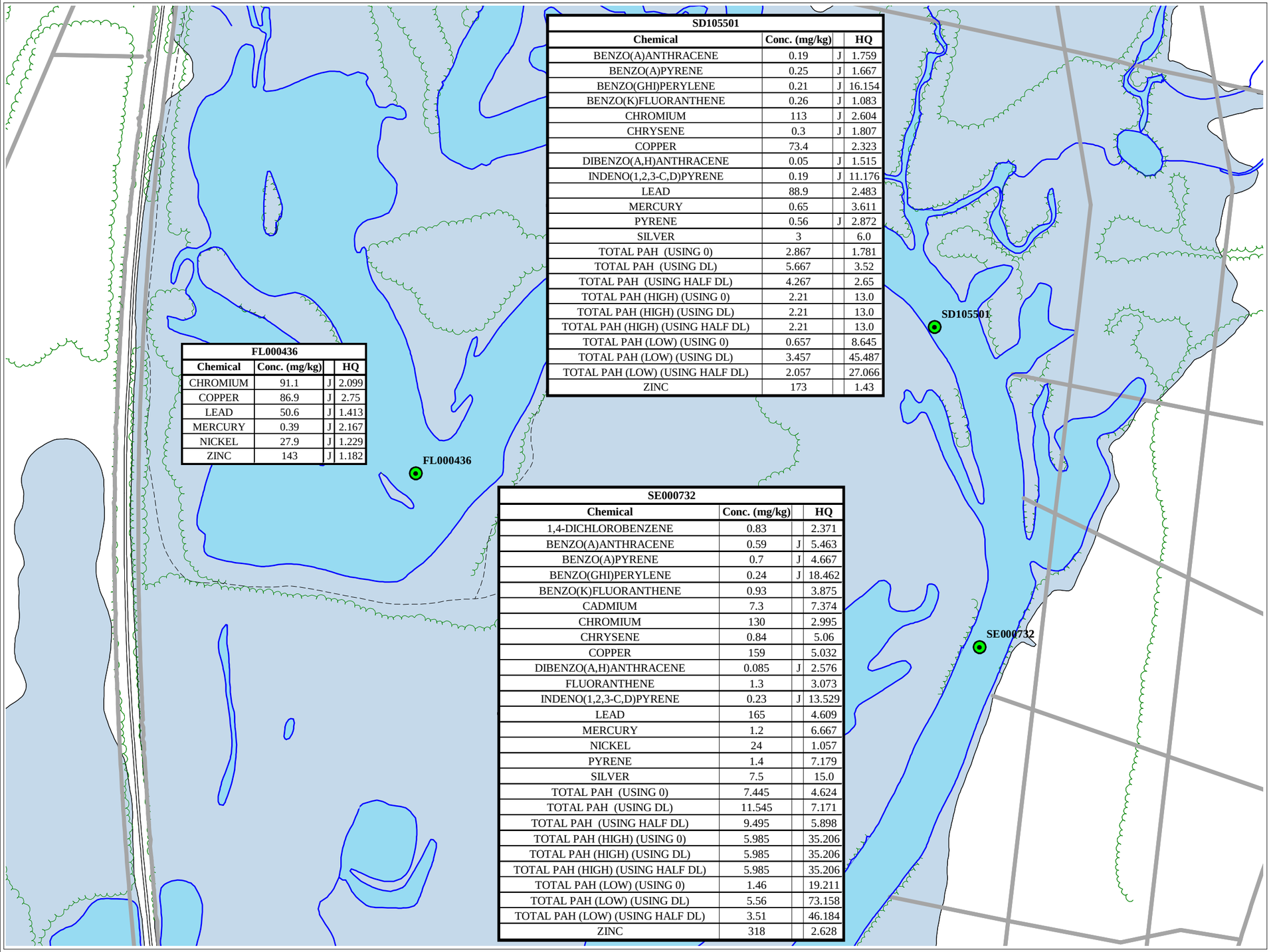


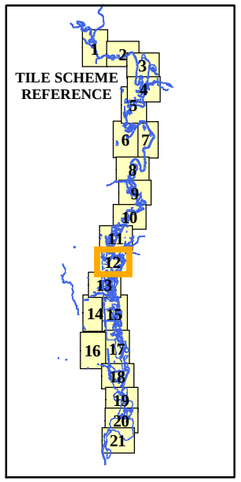
SD105501			
Chemical	Conc. (mg/kg)		HQ
BENZO(A)ANTHRACENE	0.19	J	1.759
BENZO(A)PYRENE	0.25	J	1.667
BENZO(GHI)PERYLENE	0.21	J	16.154
BENZO(K)FLUORANTHENE	0.26	J	1.083
CHROMIUM	113	J	2.604
CHRYSENE	0.3	J	1.807
COPPER	73.4		2.323
DIBENZO(A,H)ANTHRACENE	0.05	J	1.515
INDENO(1,2,3-C,D)PYRENE	0.19	J	11.176
LEAD	88.9		2.483
MERCURY	0.65		3.611
PYRENE	0.56	J	2.872
SILVER	3		6.0
TOTAL PAH (USING 0)	2.867		1.781
TOTAL PAH (USING DL)	5.667		3.52
TOTAL PAH (USING HALF DL)	4.267		2.65
TOTAL PAH (HIGH) (USING 0)	2.21		13.0
TOTAL PAH (HIGH) (USING DL)	2.21		13.0
TOTAL PAH (HIGH) (USING HALF DL)	2.21		13.0
TOTAL PAH (LOW) (USING 0)	0.657		8.645
TOTAL PAH (LOW) (USING DL)	3.457		45.487
TOTAL PAH (LOW) (USING HALF DL)	2.057		27.066
ZINC	173		1.43

FL000436			
Chemical	Conc. (mg/kg)		HQ
CHROMIUM	91.1	J	2.099
COPPER	86.9	J	2.75
LEAD	50.6	J	1.413
MERCURY	0.39	J	2.167
NICKEL	27.9	J	1.229
ZINC	143	J	1.182

SE000732			
Chemical	Conc. (mg/kg)		HQ
1,4-DICHLOROBENZENE	0.83		2.371
BENZO(A)ANTHRACENE	0.59	J	5.463
BENZO(A)PYRENE	0.7	J	4.667
BENZO(GHI)PERYLENE	0.24	J	18.462
BENZO(K)FLUORANTHENE	0.93		3.875
CADMIUM	7.3		7.374
CHROMIUM	130		2.995
CHRYSENE	0.84		5.06
COPPER	159		5.032
DIBENZO(A,H)ANTHRACENE	0.085	J	2.576
FLUORANTHENE	1.3		3.073
INDENO(1,2,3-C,D)PYRENE	0.23	J	13.529
LEAD	165		4.609
MERCURY	1.2		6.667
NICKEL	24		1.057
PYRENE	1.4		7.179
SILVER	7.5		15.0
TOTAL PAH (USING 0)	7.445		4.624
TOTAL PAH (USING DL)	11.545		7.171
TOTAL PAH (USING HALF DL)	9.495		5.898
TOTAL PAH (HIGH) (USING 0)	5.985		35.206
TOTAL PAH (HIGH) (USING DL)	5.985		35.206
TOTAL PAH (HIGH) (USING HALF DL)	5.985		35.206
TOTAL PAH (LOW) (USING 0)	1.46		19.211
TOTAL PAH (LOW) (USING DL)	5.56		73.158
TOTAL PAH (LOW) (USING HALF DL)	3.51		46.184
ZINC	318		2.628

LEGEND:

- Sediment Sample
- Hydrology
- 10-year Floodplain



N
W E
S

Scale in Feet

0 50 100 200 300 400

Housatonic River Project
Ecological Risk Assessment

FIGURE B-23
SEDIMENT SAMPLES WITH HAZARD QUOTIENTS EXCEEDING 1