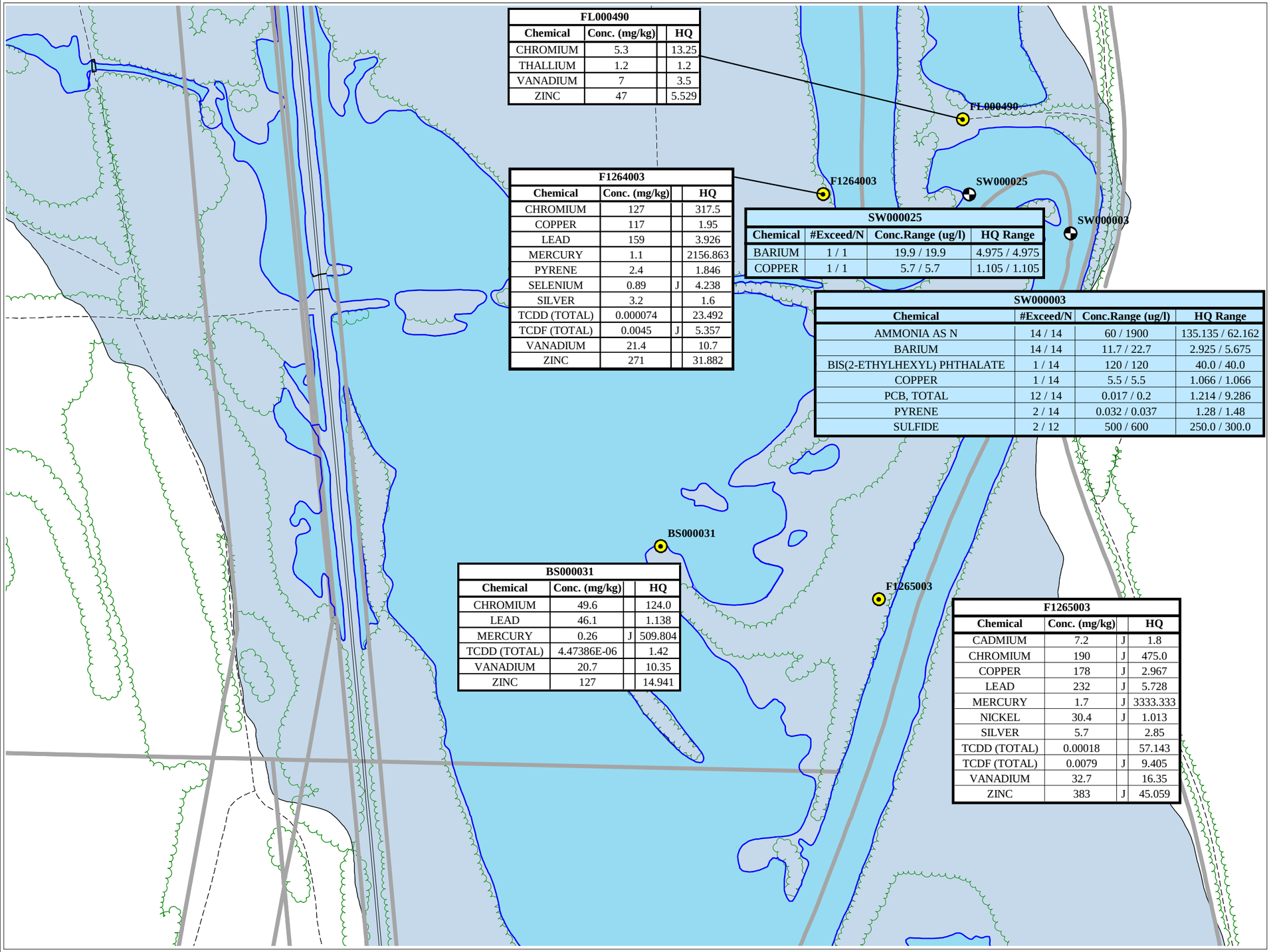


FL000490		
Chemical	Conc. (mg/kg)	HQ
CHROMIUM	5.3	13.25
THALLIUM	1.2	1.2
VANADIUM	7	3.5
ZINC	47	5.529

F1264003			
Chemical	Conc. (mg/kg)		HQ
CHROMIUM	127		317.5
COPPER	117		1.95
LEAD	159		3.926
MERCURY	1.1		2156.863
PYRENE	2.4		1.846
SELENIUM	0.89	J	4.238
SILVER	3.2		1.6
TCDD (TOTAL)	0.000074		23.492
TCDF (TOTAL)	0.0045	J	5.357
VANADIUM	21.4		10.7
ZINC	271		31.882

SW000025			
Chemical	#Exceed/N	Conc.Range (ug/l)	HQ Range
BARIUM	1 / 1	19.9 / 19.9	4.975 / 4.975
COPPER	1 / 1	5.7 / 5.7	1.105 / 1.105

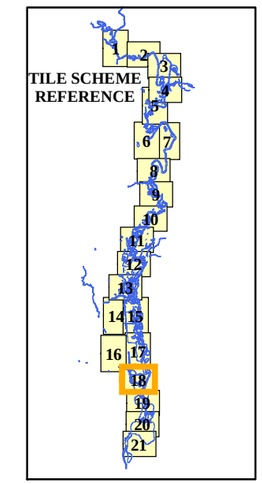
SW000003			
Chemical	#Exceed/N	Conc.Range (ug/l)	HQ Range
AMMONIA AS N	14 / 14	60 / 1900	135.135 / 62.162
BARIUM	14 / 14	11.7 / 22.7	2.925 / 5.675
BIS(2-ETHYLHEXYL) PHTHALATE	1 / 14	120 / 120	40.0 / 40.0
COPPER	1 / 14	5.5 / 5.5	1.066 / 1.066
PCB, TOTAL	12 / 14	0.017 / 0.2	1.214 / 9.286
PYRENE	2 / 14	0.032 / 0.037	1.28 / 1.48
SULFIDE	2 / 12	500 / 600	250.0 / 300.0

BS000031			
Chemical	Conc. (mg/kg)		HQ
CHROMIUM	49.6		124.0
LEAD	46.1		1.138
MERCURY	0.26	J	509.804
TCDD (TOTAL)	4.47386E-06		1.42
VANADIUM	20.7		10.35
ZINC	127		14.941

F1265003			
Chemical	Conc. (mg/kg)		HQ
CADMIUM	7.2	J	1.8
CHROMIUM	190	J	475.0
COPPER	178	J	2.967
LEAD	232	J	5.728
MERCURY	1.7	J	3333.333
NICKEL	30.4	J	1.013
SILVER	5.7		2.85
TCDD (TOTAL)	0.00018		57.143
TCDF (TOTAL)	0.0079	J	9.405
VANADIUM	32.7		16.35
ZINC	383	J	45.059

LEGEND:

- Water Sample
- Soil 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-50
SURFACE WATER AND SOIL SAMPLES WITH HAZARD QUOTIENT EXCEEDING 1