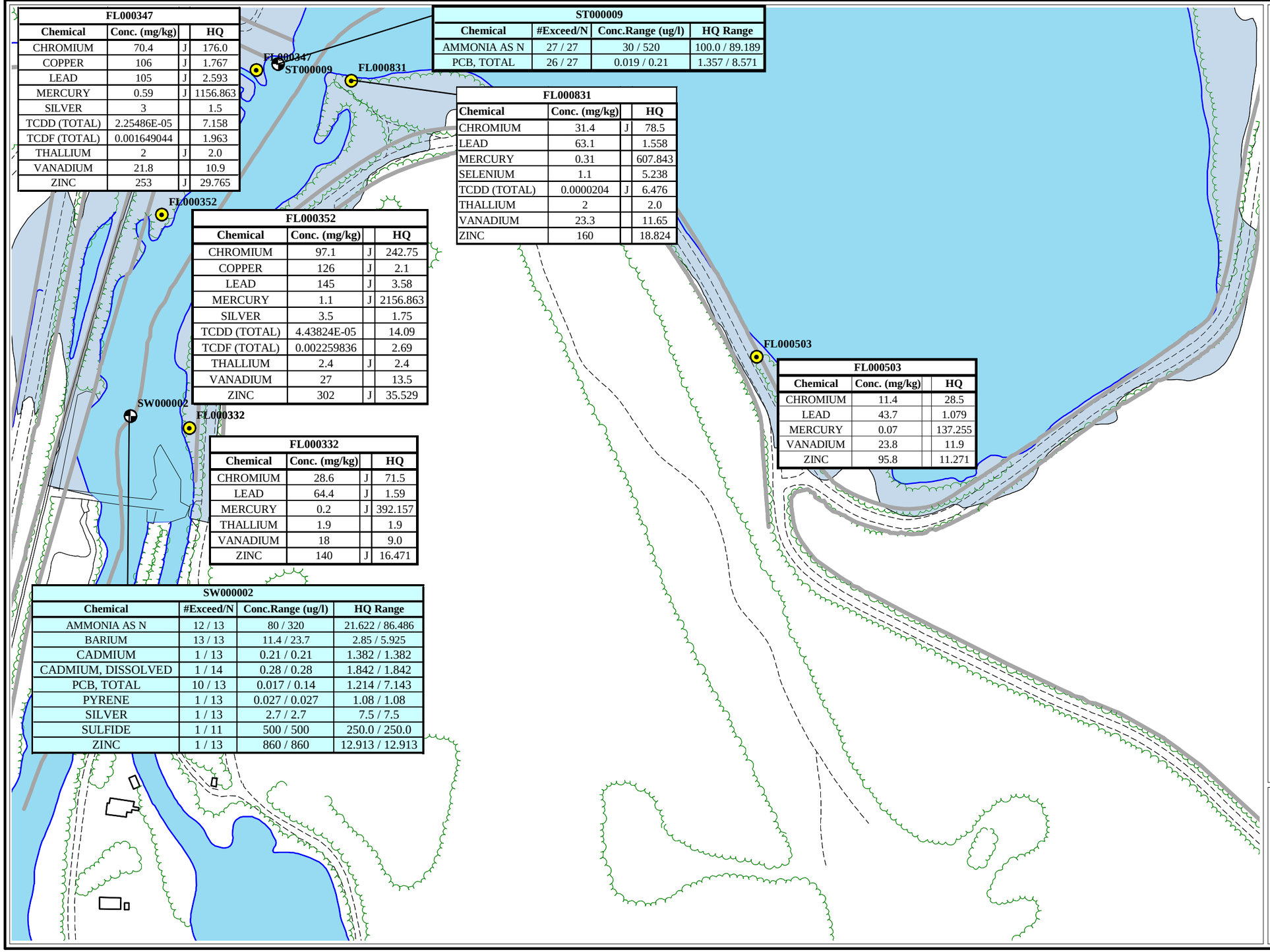


FL000347			
Chemical	Conc. (mg/kg)		HQ
CHROMIUM	70.4	J	176.0
COPPER	106	J	1.767
LEAD	105	J	2.593
MERCURY	0.59	J	1156.863
SILVER	3		1.5
TCDD (TOTAL)	2.25486E-05		7.158
TCDF (TOTAL)	0.001649044		1.963
THALLIUM	2	J	2.0
VANADIUM	21.8		10.9
ZINC	253	J	29.765

ST000009			
Chemical	#Exceed/N	Conc.Range (ug/l)	HQ Range
AMMONIA AS N	27 / 27	30 / 520	100.0 / 89.189
PCB, TOTAL	26 / 27	0.019 / 0.21	1.357 / 8.571

FL000831			
Chemical	Conc. (mg/kg)		HQ
CHROMIUM	31.4	J	78.5
LEAD	63.1		1.558
MERCURY	0.31		607.843
SELENIUM	1.1		5.238
TCDD (TOTAL)	0.0000204	J	6.476
THALLIUM	2		2.0
VANADIUM	23.3		11.65
ZINC	160		18.824

FL000352			
Chemical	Conc. (mg/kg)		HQ
CHROMIUM	97.1	J	242.75
COPPER	126	J	2.1
LEAD	145	J	3.58
MERCURY	1.1	J	2156.863
SILVER	3.5		1.75
TCDD (TOTAL)	4.43824E-05		14.09
TCDF (TOTAL)	0.002259836		2.69
THALLIUM	2.4	J	2.4
VANADIUM	27		13.5
ZINC	302	J	35.529

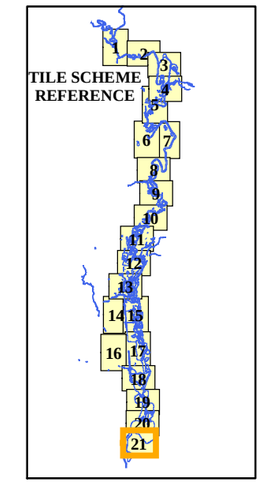
FL000332			
Chemical	Conc. (mg/kg)		HQ
CHROMIUM	28.6	J	71.5
LEAD	64.4	J	1.59
MERCURY	0.2	J	392.157
THALLIUM	1.9		1.9
VANADIUM	18		9.0
ZINC	140	J	16.471

SW000002			
Chemical	#Exceed/N	Conc.Range (ug/l)	HQ Range
AMMONIA AS N	12 / 13	80 / 320	21.622 / 86.486
BARIUM	13 / 13	11.4 / 23.7	2.85 / 5.925
CADMIUM	1 / 13	0.21 / 0.21	1.382 / 1.382
CADMIUM, DISSOLVED	1 / 14	0.28 / 0.28	1.842 / 1.842
PCB, TOTAL	10 / 13	0.017 / 0.14	1.214 / 7.143
PYRENE	1 / 13	0.027 / 0.027	1.08 / 1.08
SILVER	1 / 13	2.7 / 2.7	7.5 / 7.5
SULFIDE	1 / 11	500 / 500	250.0 / 250.0
ZINC	1 / 13	860 / 860	12.913 / 12.913

FL000503		
Chemical	Conc. (mg/kg)	HQ
CHROMIUM	11.4	28.5
LEAD	43.7	1.079
MERCURY	0.07	137.255
VANADIUM	23.8	11.9
ZINC	95.8	11.271

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-53
SURFACE WATER AND SOIL SAMPLES WITH HAZARD QUOTIENT EXCEEDING 1