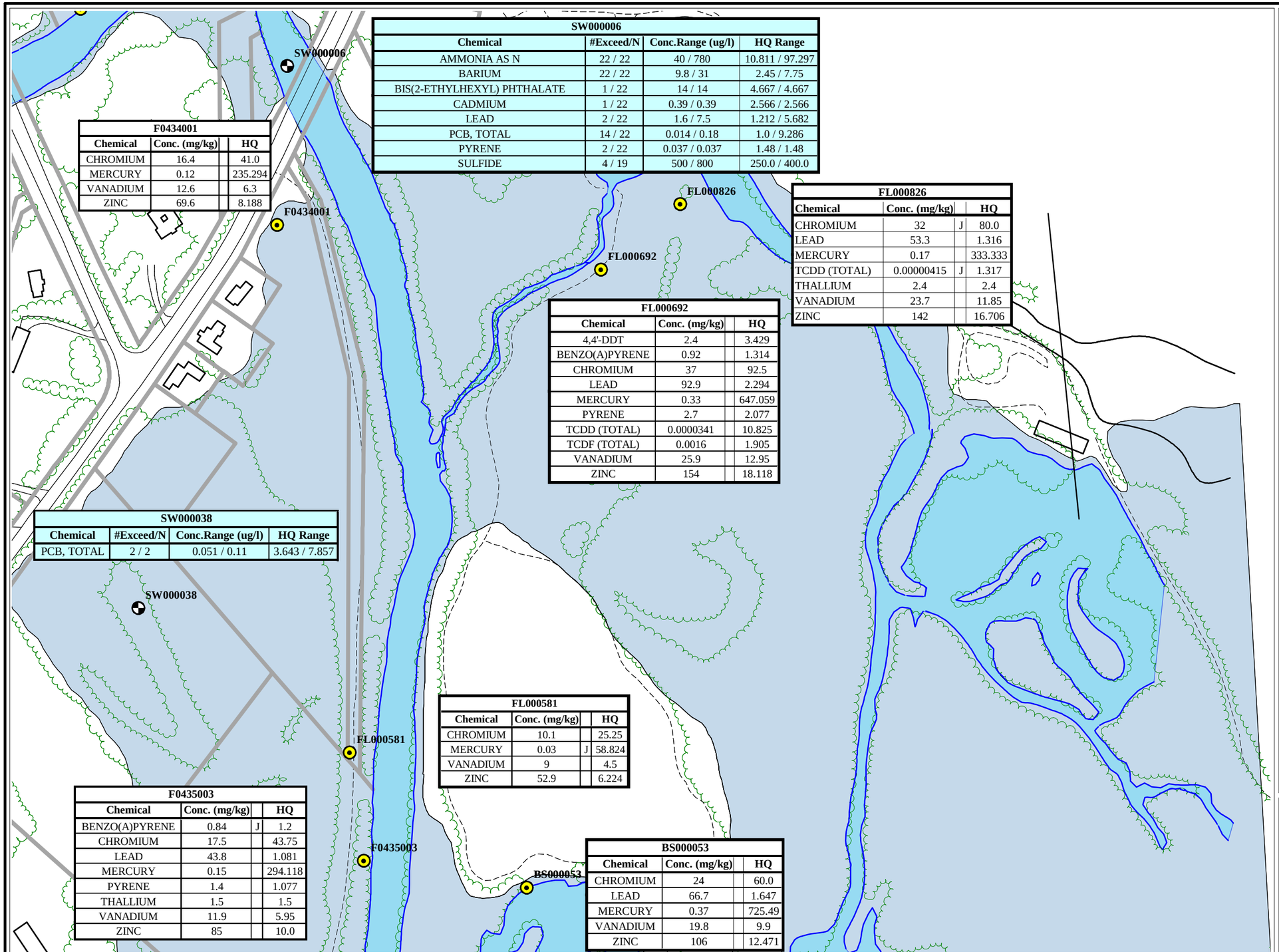


SW000006			
Chemical	#Exceed/N	Conc.Range (ug/l)	HQ Range
AMMONIA AS N	22 / 22	40 / 780	10.811 / 97.297
BARIUM	22 / 22	9.8 / 31	2.45 / 7.75
BIS(2-ETHYLHEXYL) PHTHALATE	1 / 22	14 / 14	4.667 / 4.667
CADMIUM	1 / 22	0.39 / 0.39	2.566 / 2.566
LEAD	2 / 22	1.6 / 7.5	1.212 / 5.682
PCB, TOTAL	14 / 22	0.014 / 0.18	1.0 / 9.286
PYRENE	2 / 22	0.037 / 0.037	1.48 / 1.48
SULFIDE	4 / 19	500 / 800	250.0 / 400.0

F0434001			
Chemical	Conc. (mg/kg)		HQ
CHROMIUM	16.4		41.0
MERCURY	0.12		235.294
VANADIUM	12.6		6.3
ZINC	69.6		8.188

FL000826			
Chemical	Conc. (mg/kg)		HQ
CHROMIUM	32	J	80.0
LEAD	53.3		1.316
MERCURY	0.17		333.333
TCDD (TOTAL)	0.00000415	J	1.317
THALLIUM	2.4		2.4
VANADIUM	23.7		11.85
ZINC	142		16.706

FL000692			
Chemical	Conc. (mg/kg)		HQ
4,4'-DDT	2.4		3.429
BENZO(A)PYRENE	0.92		1.314
CHROMIUM	37		92.5
LEAD	92.9		2.294
MERCURY	0.33		647.059
PYRENE	2.7		2.077
TCDD (TOTAL)	0.0000341		10.825
TCDF (TOTAL)	0.0016		1.905
VANADIUM	25.9		12.95
ZINC	154		18.118

SW000038			
Chemical	#Exceed/N	Conc.Range (ug/l)	HQ Range
PCB, TOTAL	2 / 2	0.051 / 0.11	3.643 / 7.857

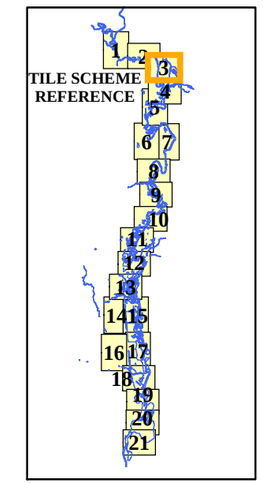
FL000581			
Chemical	Conc. (mg/kg)		HQ
CHROMIUM	10.1		25.25
MERCURY	0.03	J	58.824
VANADIUM	9		4.5
ZINC	52.9		6.224

F0435003			
Chemical	Conc. (mg/kg)		HQ
BENZO(A)PYRENE	0.84	J	1.2
CHROMIUM	17.5		43.75
LEAD	43.8		1.081
MERCURY	0.15		294.118
PYRENE	1.4		1.077
THALLIUM	1.5		1.5
VANADIUM	11.9		5.95
ZINC	85		10.0

BS000053			
Chemical	Conc. (mg/kg)		HQ
CHROMIUM	24		60.0
LEAD	66.7		1.647
MERCURY	0.37		725.49
VANADIUM	19.8		9.9
ZINC	106		12.471

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-35
SURFACE WATER AND SOIL SAMPLES WITH HAZARD QUOTIENT EXCEEDING 1