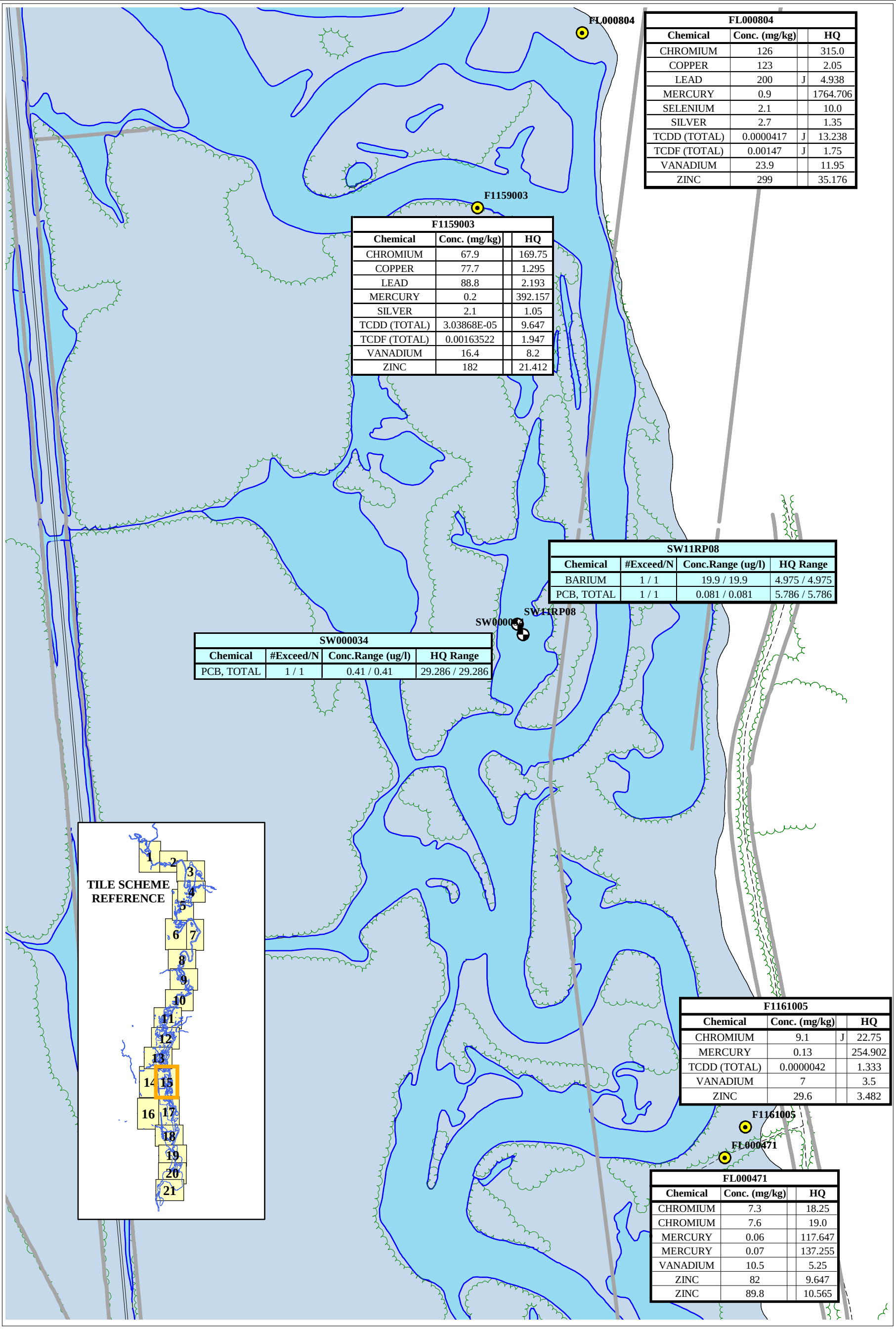

FL000804			
Chemical	Conc. (mg/kg)		HQ
CHROMIUM	126		315.0
COPPER	123		2.05
LEAD	200	J	4.938
MERCURY	0.9		1764.706
SELENIUM	2.1		10.0
SILVER	2.7		1.35
TCDD (TOTAL)	0.0000417	J	13.238
TCDF (TOTAL)	0.00147	J	1.75
VANADIUM	23.9		11.95
ZINC	299		35.176

F1159003			
Chemical	Conc. (mg/kg)		HQ
CHROMIUM	67.9		169.75
COPPER	77.7		1.295
LEAD	88.8		2.193
MERCURY	0.2		392.157
SILVER	2.1		1.05
TCDD (TOTAL)	3.03868E-05		9.647
TCDF (TOTAL)	0.00163522		1.947
VANADIUM	16.4		8.2
ZINC	182		21.412

SW11RP08			
Chemical	#Exceed/N	Conc.Range (ug/l)	HQ Range
BARIUM	1 / 1	19.9 / 19.9	4.975 / 4.975
PCB, TOTAL	1 / 1	0.081 / 0.081	5.786 / 5.786

SW000034			
Chemical	#Exceed/N	Conc.Range (ug/l)	HQ Range
PCB, TOTAL	1 / 1	0.41 / 0.41	29.286 / 29.286

F1161005			
Chemical	Conc. (mg/kg)		HQ
CHROMIUM	9.1	J	22.75
MERCURY	0.13		254.902
TCDD (TOTAL)	0.0000042		1.333
VANADIUM	7		3.5
ZINC	29.6		3.482

FL000471		
Chemical	Conc. (mg/kg)	HQ
CHROMIUM	7.3	18.25
CHROMIUM	7.6	19.0
MERCURY	0.06	117.647
MERCURY	0.07	137.255
VANADIUM	10.5	5.25
ZINC	82	9.647
ZINC	89.8	10.565

LEGEND:

- Water Sample
- Soil Sample
- Hydrology
- 10-year Floodplain

Scale in Feet

0 50 100 200 300 400

N

Housatonic River Project
Ecological Risk Assessment

FIGURE B-47
SURFACE WATER AND SOIL SAMPLES WITH HAZARD QUOTIENT EXCEEDING 1