

Watershed Summary Information

Accounting Unit Name:	Upper Ohio-Beaver
State(s):	PA OH
Political Boundaries:	Mercer, Lawrence, Trumbull, Crawford, Ashtabula
Major Waterways:	Shenango R Neshannock Cr Pymatuning Cr Pymatuning Res
Number of Stations in Watershed:	Tier1 - 11 Tier2 - 1 Tier3 - 3

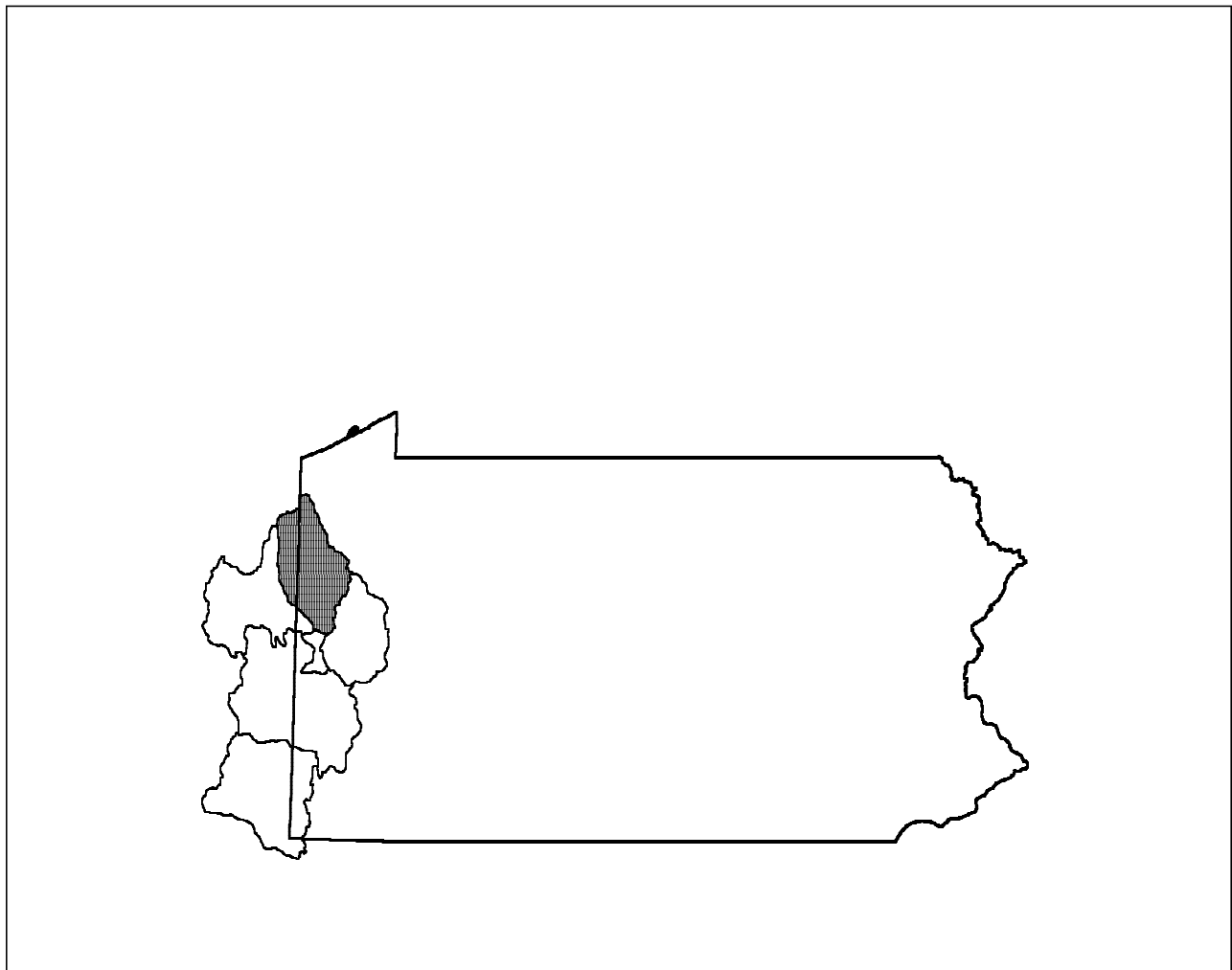


Figure 87. Watershed Location Map

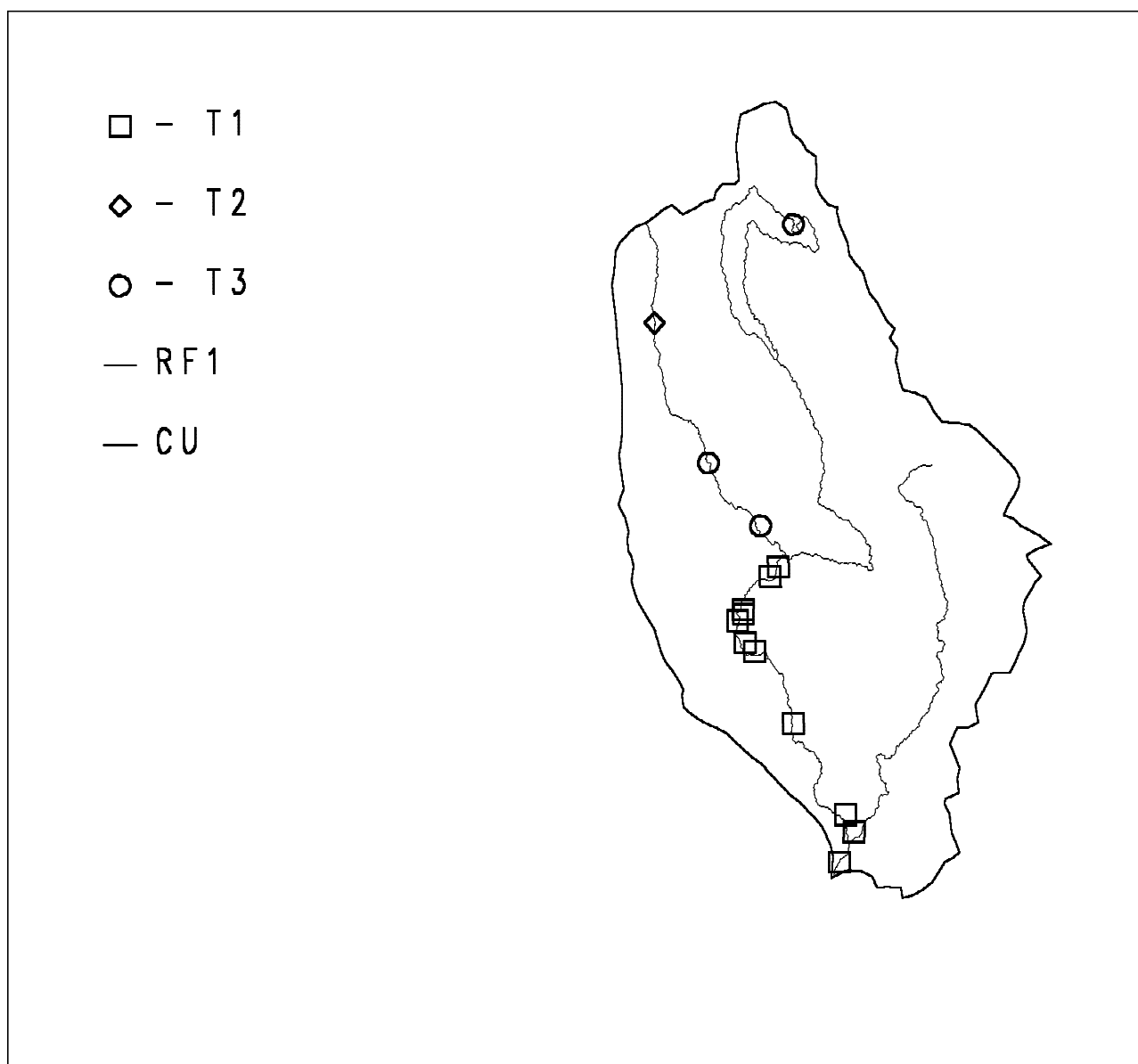


Figure 88. Major Waterways and Location of Sampling Stations

Data Source(s) Used in Evaluation

Source: **STORET** Agency: **11COEHUN**
 Monitoring Program: **Corps of Engineers Huntington, WV District Water Column Data**
 Num. of Stations: 1 Date Range: 1987

Source: **STORET** Agency: **21OHIO**
 Monitoring Program: **Ohio EPA Water, Sediment, Tissue And Drinking Water Data**
 Num. of Stations: 2 Date Range: 1985

Source: **STORET** Agency: **21PA**
 Monitoring Program: **Pennsylvania Dept of Environmental Resources Data**
 Num. of Stations: 12 Date Range: 1980-92

Chemicals Responsible for Sampling Station Classification as Tier 1 or Tier 2

Classifying Parameter	Number of Stations							
	All Parameters				Aquatic Life		Human Health	
	Total	T.1&2	Tier1	Tier2	Tier1	Tier2	Tier1	Tier2
Polychlorinated biphenyls	13	11	11	.	.	.	11	.
Chlordane	13	8	.	8	.	.	.	8
Dieldrin	13	2	.	2	.	.	.	2
Lead	7	2	.	2	.	1	.	1

Sediment Chemistry Data: Chemical Summary

Sediment Parameter	Total Observations			Detected Observations		
	Num.	Mean (ppb)	Median (ppb)	Num.	Max (ppb)	Min (ppb)
Aldrin	1	0.00	0.00	0	.	.
Arsenic	2	3695.00	3695.00	2	4690.00	2700.00
BHC	4	0.00	0.00	0	.	.
Cadmium	2	57.90	57.90	2	83.80	32.00
Chlordane	1	0.00	0.00	0	.	.
Chromium	2	7175.00	7175.00	2	7710.00	6640.00
Copper	2	10320.00	10320.00	2	13100.00	7540.00
Dieldrin	1	0.00	0.00	0	.	.
DDT	3	0.00	0.00	0	.	.
Endosulfan, alpha-	1	0.00	0.00	0	.	.
Endrin	1	0.00	0.00	0	.	.
Heptachlor	1	0.00	0.00	0	.	.
Heptachlor epoxide	1	0.00	0.00	0	.	.
Lead	2	21755.00	21755.00	2	35300.00	8210.00
Nickel	2	12550.00	12550.00	2	13100.00	12000.00
Polychlorinated biphenyls	6	0.00	0.00	0	.	.
Toxaphene	1	0.00	0.00	0	.	.
Zinc	2	55050.00	55050.00	2	63500.00	46600.00

Tissue Residue Data: Chemical Summary

Tissue Parameter	Total Observations			Detected Observations		
	Num.	Mean (ppb)	Median (ppb)	Num.	Max (ppb)	Min (ppb)
Aldrin	28	0.00	0.00	0	.	.
Arsenic	6	0.00	0.00	0	.	.
BHC	56	0.00	0.00	0	.	.
Cadmium	11	54.45	23.00	11	310.00	10.00
Chlordane	46	90.63	0.00	22	600.00	13.00
Chromium	11	319.91	224.00	10	810.00	114.00
Copper	11	2454.09	2770.00	10	4330.00	845.00
Dieldrin	28	2.46	0.00	3	45.00	10.00

Tissue Parameter	Total Observations			Detected Observations		
	Num.	Mean (ppb)	Median (ppb)	Num.	Max (ppb)	Min (ppb)
DDT	153	4.87	0.00	10	130.00	38.00
Endrin	28	0.00	0.00	0	.	.
Heptachlor	19	0.00	0.00	0	.	.
Heptachlor epoxide	19	0.00	0.00	0	.	.
Lead	11	409.45	220.00	11	1880.00	50.00
Mercury	3	49.67	0.00	1	149.00	149.00
Methoxychlor	28	0.00	0.00	0	.	.
Mirex/Dechlorane	1	0.00	0.00	0	.	.
Polychlorinated biphenyls	28	877.29	630.00	23	2600.00	82.00