

Watershed Summary Information

Accounting Unit Name: Wabash

State(s): IL (IN)

Political Boundaries: Vermilion, Ford, Champaign, Iroquois, Benton, Warren, Vermillion

Major Waterways: Vermilion R
Vermilion R, Salt Fk
Vermilion R, M Fk
Vermilion R, N Fk
Upper Salt Fk Drainage Di

Number of Stations in Watershed: Tier1 - 12
Tier2 - 16
Tier3 - .

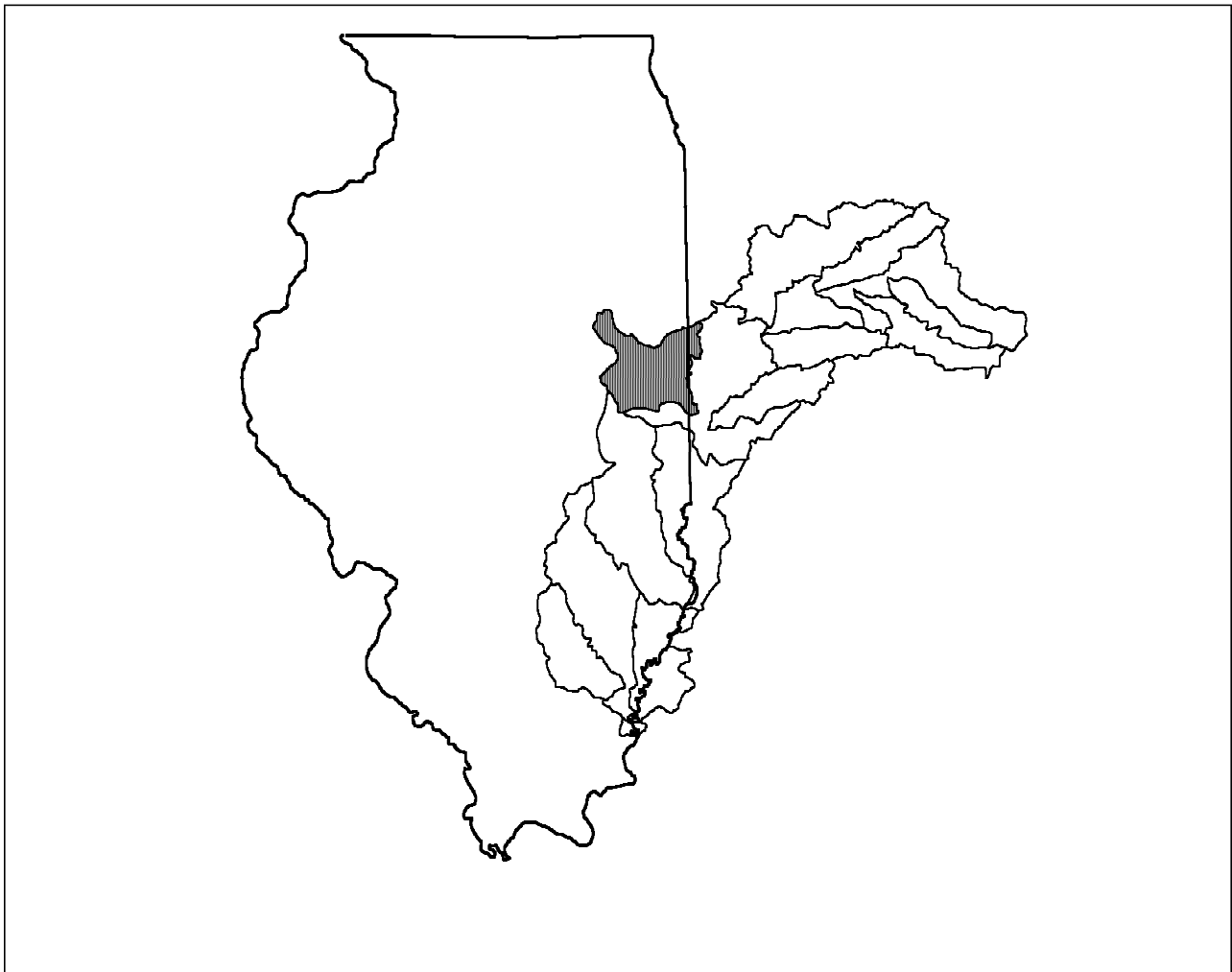


Figure 91. Watershed Location Map

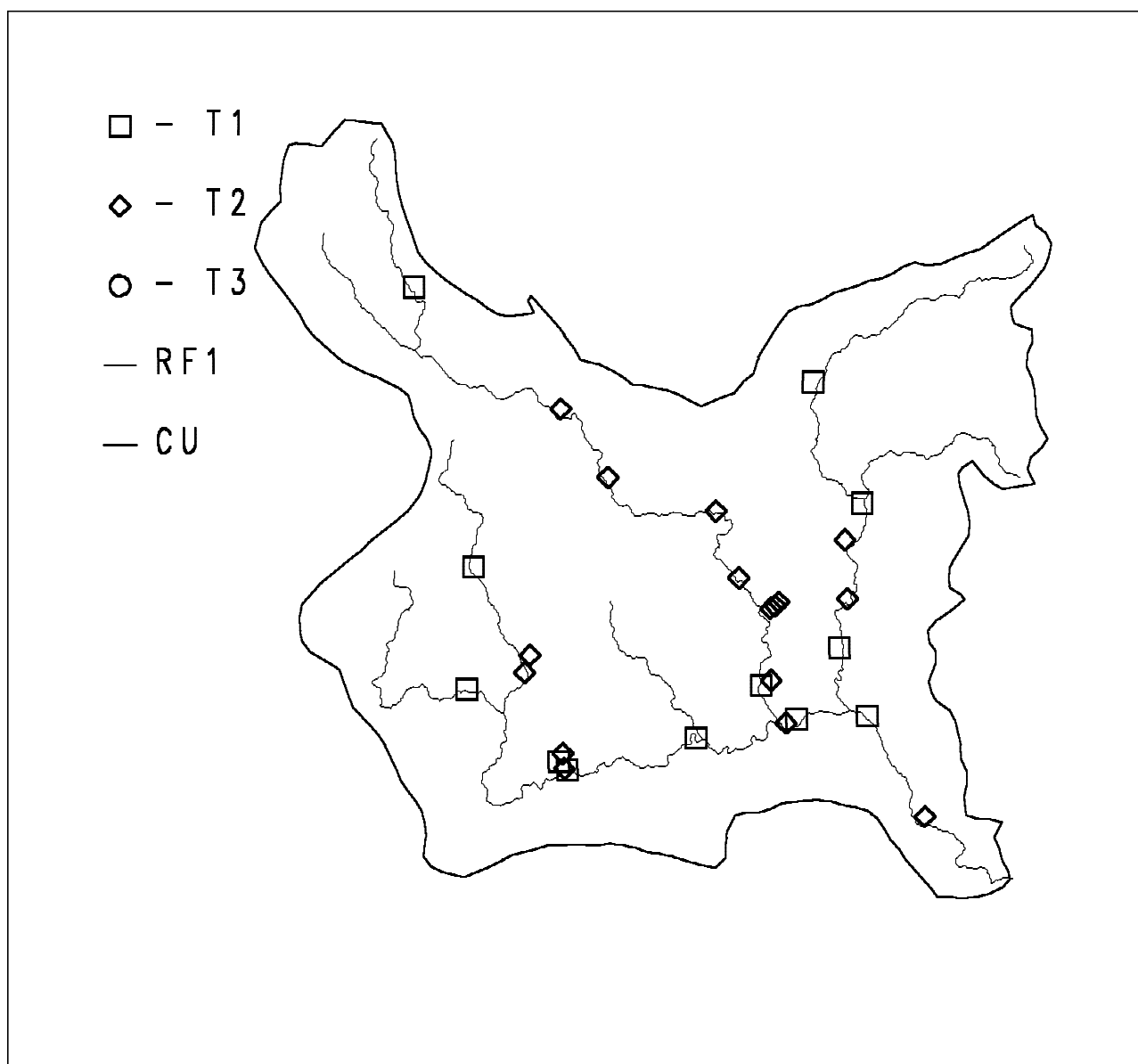


Figure 92. Major Waterways and Location of Sampling Stations

Data Source(s) Used in Evaluation

Source: **STORET** Agency: **112WRD**
 Monitoring Program: **US Geological Survey Data**
 Num. of Stations: 1 Date Range: 1980

Source: **STORET** Agency: **21ILFISH**
 Monitoring Program: **USEPA Region 5 Data**
 Num. of Stations: 4 Date Range: 1980-92

Source: **STORET** Agency: **21ILLAKE**
 Monitoring Program: **USEPA Region 5 Data**
 Num. of Stations: 5 Date Range: 1984-89

Source: **STORET** Agency: **21ILSED**
Monitoring Program: **Illinois EPA Div of Water Pollution Control Data**
Num. of Stations: 18 Date Range: 1986

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
Dieldrin	27	24	.	24	.	20	.	24
Copper	23	19	.	19	.	19	.	.
Mercury	26	10	8	2	8	2	.	.
Chlordane	28	10	.	10	.	7	.	7
DDT	28	9	.	9	.	8	.	1
Polychlorinated biphenyls	27	5	4	1	.	1	4	1
Heptachlor epoxide	27	5	.	5	.	.	.	5
Lead	23	5	.	5	.	5	.	.
Zinc	23	4	.	4	.	4	.	.
Arsenic	23	3	.	3	.	3	.	.
Nickel	2	1	.	1	.	1	.	.

Sediment Chemistry Data: Chemical Summary

Sediment Parameter	Total Observations			Detected Observations		
	Num.	Mean (ppb)	Median (ppb)	Num.	Max (ppb)	Min (ppb)
Aldrin	20	0.00	0.00	0	.	.
Arsenic	26	6011.54	6000.00	26	9000.00	4000.00
BHC	58	0.00	0.00	0	.	.
Cadmium	26	0.00	0.00	0	.	.
Chlordane	103	1.00	0.00	20	16.00	2.00
Chromium	26	27288.46	24000.00	26	50000.00	11900.00
Copper	26	24092.31	22000.00	26	43000.00	15000.00
Dieldrin	26	2.57	2.80	21	9.50	1.30
DDT	147	0.33	0.00	20	12.00	0.80
Endrin	20	0.00	0.00	0	.	.
Heptachlor	20	0.00	0.00	0	.	.
Heptachlor epoxide	26	0.21	0.00	3	2.60	1.00
Hexachlorobenzene	20	0.00	0.00	0	.	.
Lead	26	25576.92	22000.00	26	97000.00	4800.00
Mercury	26	500.31	50.00	24	3800.00	20.00
Methoxychlor	20	0.00	0.00	0	.	.
Nickel	2	17850.00	17850.00	2	22400.00	13300.00
Polychlorinated biphenyls	26	1.38	0.00	1	36.00	36.00
Silver	2	0.00	0.00	0	.	.
Zinc	26	101492.3	99000.00	26	170000.0	57900.00

Tissue Residue Data: Chemical Summary

Tissue Parameter	Total Observations			Detected Observations		
	Num.	Mean (ppb)	Median (ppb)	Num.	Max (ppb)	Min (ppb)
Aldrin	36	0.00	0.00	0	.	.
BHC	74	0.14	0.00	1	10.00	10.00
Chlordane	48	208.48	124.50	45	1340.00	20.00
Dieldrin	56	118.84	45.00	53	840.00	10.00
DDT	43	161.79	70.00	41	986.00	10.00
Endrin	37	0.00	0.00	0	.	.
Heptachlor	37	0.00	0.00	0	.	.
Heptachlor epoxide	48	15.76	0.06	33	260.00	0.01
Hexachlorobenzene	37	0.00	0.00	0	.	.
Mercury	19	86.32	80.00	19	140.00	30.00
Methoxychlor	37	0.00	0.00	0	.	.
Mirex/Dechlorane	37	0.00	0.00	0	.	.
Polychlorinated biphenyls	39	214.38	0.00	17	3100.00	77.00
Toxaphene	37	0.00	0.00	0	.	.