

Watershed Summary Information

Accounting Unit Name: Spokane

State(s): ID (WA)

Political Boundaries: Kootenai, Benewah, Shoshone

Major Waterways: St Joe R
Coeur D'alene R
Wolf Lodge Cr
Coeur D'alene L
Thompson L

Number of Stations in Watershed: Tier1 - 10
Tier2 - 13
Tier3 - .

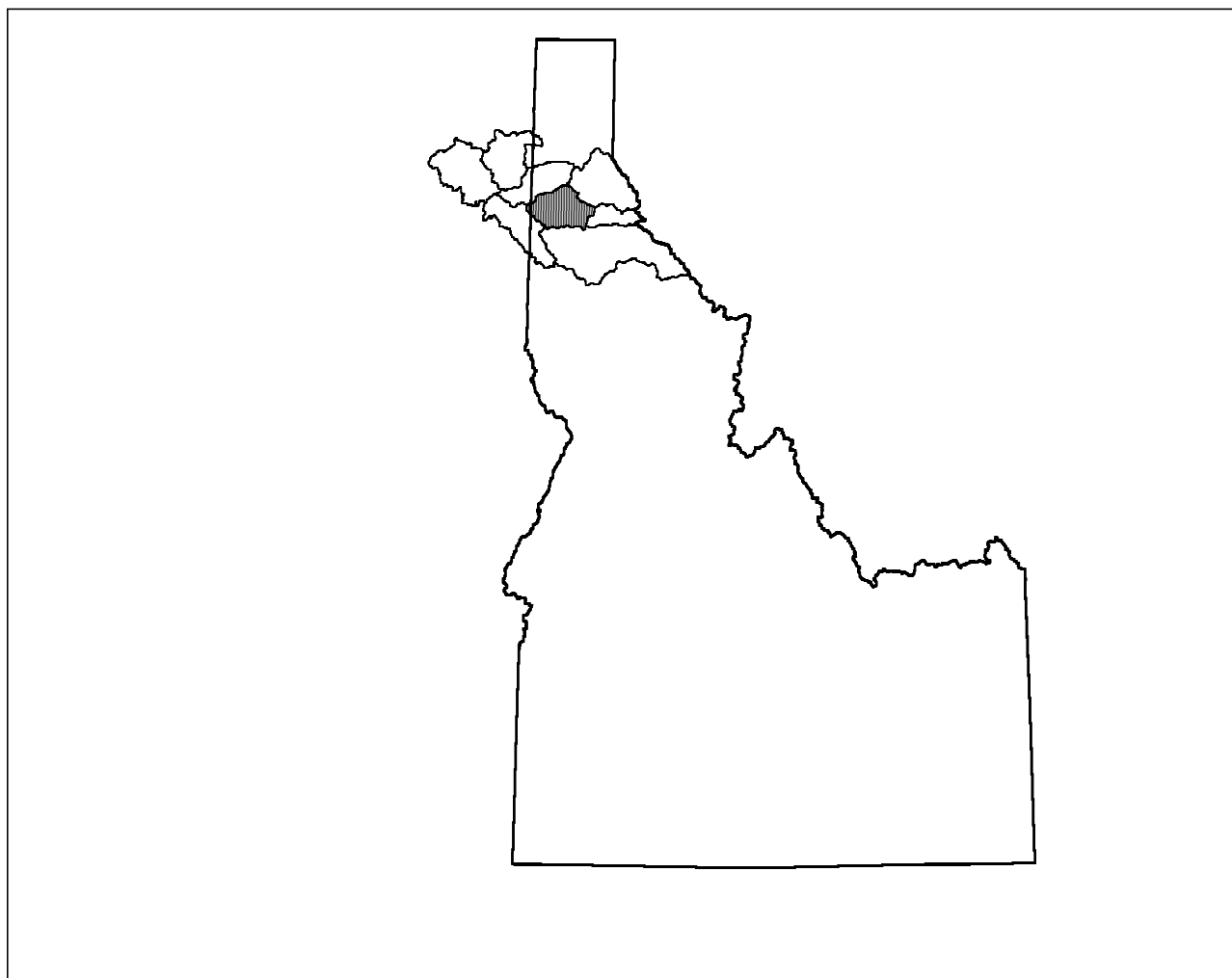


Figure 159. Watershed Location Map

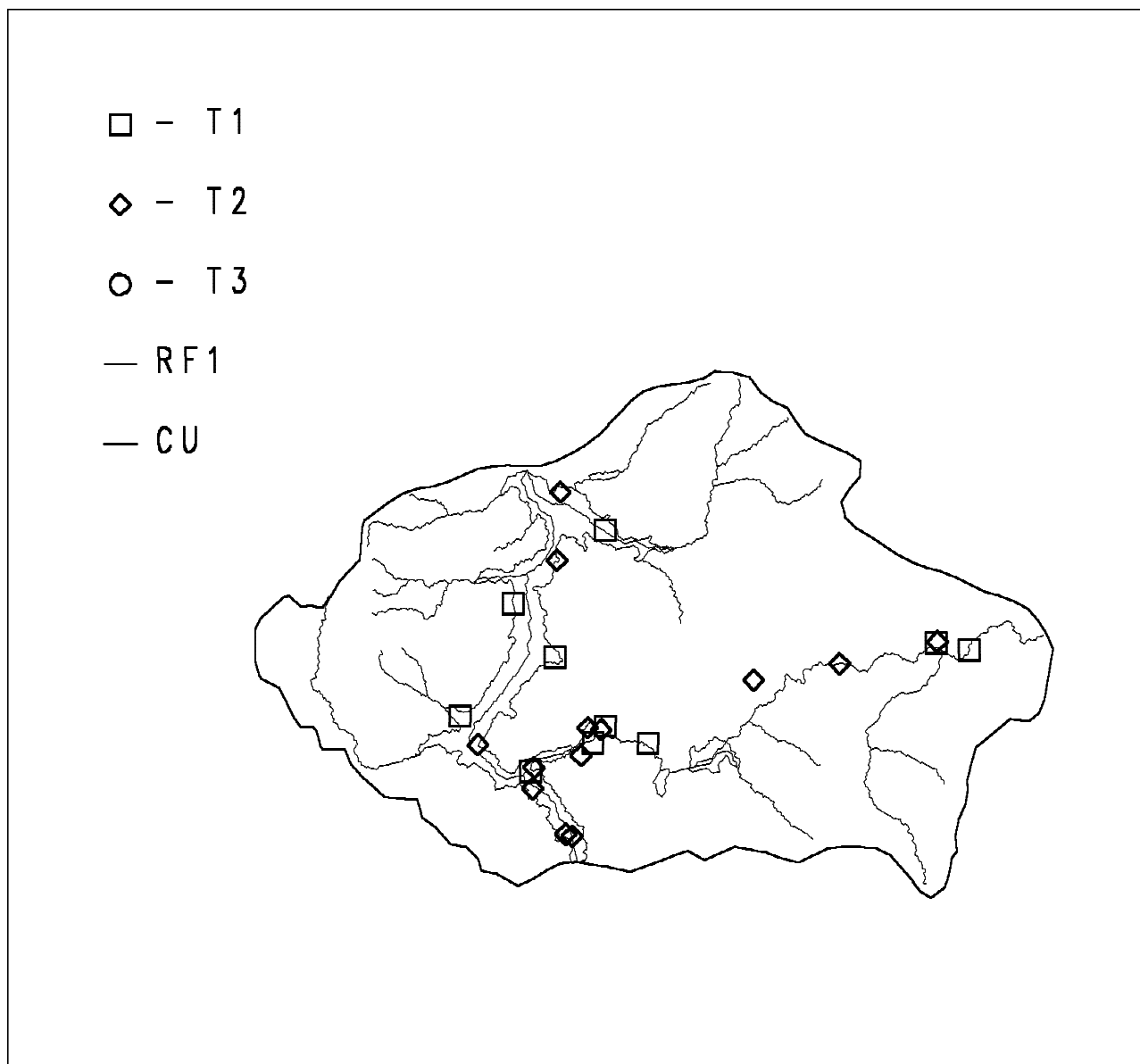


Figure 160. Major Waterways and Location of Sampling Stations

Data Source(s) Used in Evaluation

Source: **STORET** Agency: **10EPACOP**

Monitoring Program: **USEPA Region 10 Cooperative Water Data**

Num. of Stations: 9 Date Range: 1985-87

Source: **STORET** Agency: **10EPAINT**

Monitoring Program: **USEPA Region 10 Intensive Survey Data**

Num. of Stations: 10 Date Range: 1986

Source: **STORET** Agency: **11BIOACC**

Monitoring Program: **USEPA National Bioaccumulation Study**

Num. of Stations: 2 Date Range: 1987

Source: **STORET** Agency: **1119C050**
Monitoring Program: **USEPA Region 10 Water, Sediment & Tissue Data**
Num. of Stations: 2 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
Arsenic	21	20	8	12	8	5	.	7
Lead	21	19	.	19	.	14	.	5
Cadmium	21	14	.	14	.	14	.	.
Zinc	21	14	.	14	.	14	.	.
Copper	21	13	.	13	.	13	.	.
Antimony	21	4	.	4	.	.	.	4
Polychlorinated biphenyls	5	2	2	.	.	.	2	.
Silver	8	2	2	.	2	.	.	.
Mercury	12	2	1	1	1	1	.	.
Manganese	7	1	.	1	.	.	.	1

Sediment Chemistry Data: Chemical Summary

Sediment Parameter	Total Observations			Detected Observations		
	Num.	Mean (ppb)	Median (ppb)	Num.	Max (ppb)	Min (ppb)
Acetone	1	0.00	0.00	0	.	.
Aldrin	1	0.00	0.00	0	.	.
Antimony	18	783.33	400.00	12	2500.00	200.00
Arsenic	18	63061.11	71750.00	18	100000.0	1400.00
Benzene	1	0.00	0.00	0	.	.
BHC	4	0.00	0.00	0	.	.
Cadmium	18	10938.89	7900.00	18	30000.00	300.00
Chlordane	1	0.00	0.00	0	.	.
Chlorobenzene	1	0.00	0.00	0	.	.
Chromium	7	8171.43	8100.00	7	13000.00	2700.00
Copper	18	102394.4	105000.0	18	197000.0	6300.00
Dibromochloromethane	1	0.00	0.00	0	.	.
Dichloroethane 1,1-	1	0.00	0.00	0	.	.
Dichloroethane 1,2-	1	0.00	0.00	0	.	.
Dichloroethene, trans-1,2-	1	0.00	0.00	0	.	.
Dichloromethane	1	0.00	0.00	0	.	.
Dichloropropane, 1,2-	1	0.00	0.00	0	.	.
Dieldrin	1	0.00	0.00	0	.	.
DDT	3	0.00	0.00	0	.	.
Endosulfan, alpha-	1	0.00	0.00	0	.	.
Endosulfan, beta-	1	0.00	0.00	0	.	.

Sediment Parameter	Total Observations			Detected Observations		
	Num.	Mean (ppb)	Median (ppb)	Num.	Max (ppb)	Min (ppb)
Endrin	1	0.00	0.00	0	.	.
Ethylbenzene	1	0.00	0.00	0	.	.
Heptachlor	1	0.00	0.00	0	.	.
Heptachlor epoxide	1	0.00	0.00	0	.	.
Lead	18	3127944	3053000	18	6570000	32000.00
Mercury	7	1974.57	3000.00	6	3700.00	70.00
Methyl ethyl ketone	1	0.00	0.00	0	.	.
Nickel	6	9633.33	9950.00	6	13000.00	6400.00
Polychlorinated biphenyls	7	0.00	0.00	0	.	.
Silver	7	7557.14	5800.00	6	19000.00	400.00
Tetrachloroethane, 1,1,2,2-	1	0.00	0.00	0	.	.
Tetrachloroethene	1	0.00	0.00	0	.	.
Tetrachloromethane	1	0.00	0.00	0	.	.
Toluene	1	0.00	0.00	0	.	.
Toxaphene	1	0.00	0.00	0	.	.
Tribromomethane/Bromoform	1	0.00	0.00	0	.	.
Trichloroethane, 1,1,1-	1	0.00	0.00	0	.	.
Trichloroethane, 1,1,2-	1	0.00	0.00	0	.	.
Trichloroethene	1	0.00	0.00	0	.	.
Trichloromethane/Chloroform	1	0.00	0.00	0	.	.
Xylenes	1	0.00	0.00	0	.	.
Zinc	18	3497611	3910000	18	7300000	218000.0

Tissue Residue Data: Chemical Summary

Tissue Parameter	Total Observations			Detected Observations		
	Num.	Mean (ppb)	Median (ppb)	Num.	Max (ppb)	Min (ppb)
Aldrin	2	0.00	0.00	0	.	.
Antimony	41	3519.51	3000.00	31	12000.00	2000.00
Arsenic	41	172.20	100.00	34	710.00	50.00
Barium	39	1953.59	1800.00	39	4400.00	520.00
Beryllium	39	2.33	0.00	8	20.00	6.00
Biphenyl	2	0.00	0.00	0	.	.
Boron	39	1215.38	0.00	18	8400.00	600.00
BHC	12	0.00	0.00	0	.	.
Cadmium	41	346.27	240.00	40	1200.00	30.00
Chlordane	6	0.44	0.00	1	2.61	2.61
Chlorpyrifos/Dursban	2	0.00	0.00	0	.	.
Chromium	39	69.23	0.00	2	2000.00	700.00
Copper	41	1042.44	840.00	40	6000.00	280.00
Dicofol/Kelthane	2	0.00	0.00	0	.	.
Dieldrin	4	1.00	0.00	1	4.00	4.00
Dioxins	4	0.00	0.00	2	0.00	0.00

Tissue Parameter	Total Observations			Detected Observations		
	Num.	Mean (ppb)	Median (ppb)	Num.	Max (ppb)	Min (ppb)
DDT	7	2.77	2.00	4	7.37	2.00
Endosulfan, alpha-	2	0.00	0.00	0	.	.
Endosulfan, beta-	2	0.00	0.00	0	.	.
Endrin	4	0.00	0.00	0	.	.
Heptachlor	4	0.00	0.00	0	.	.
Heptachlor epoxide	4	0.00	0.00	0	.	.
Hexachlorobenzene	2	0.00	0.00	0	.	.
Hexachlorobutadiene	2	0.00	0.00	0	.	.
Isopropalin	2	0.00	0.00	0	.	.
Lead	41	4135.12	2100.00	41	16000.00	80.00
Manganese	41	16109.51	11100.00	41	83200.00	760.00
Mercury	43	102.35	86.00	43	270.00	20.00
Methoxychlor	2	0.00	0.00	0	.	.
Mirex/Dechlorane	2	0.00	0.00	0	.	.
Molybdenum	39	0.00	0.00	0	.	.
Nickel	39	10.26	0.00	1	400.00	400.00
Pentachlorobenzene	2	0.00	0.00	0	.	.
Pentachloronitrobenzene/Quin	2	0.00	0.00	0	.	.
Polychlorinated biphenyls	16	54.84	0.00	2	563.80	313.60
Selenium	41	180.98	190.00	40	500.00	20.00
Silver	39	0.00	0.00	0	.	.
Strontium	39	8758.21	7590.00	39	24900.00	200.00
Tetrachlorobenzene, 1,2,4,5-	2	0.00	0.00	0	.	.
Tin	41	26.10	0.00	2	700.00	370.00
Toxaphene	2	0.00	0.00	0	.	.
Trichlorobenzene, 1,2,4-	2	0.00	0.00	0	.	.
Trifluralin/Treflan	2	0.00	0.00	0	.	.
Vanadium	39	43.59	0.00	9	300.00	100.00
Zinc	41	39492.68	31200.00	41	159000.0	5500.00