Fish Samples

Grouping	1977-81	1983-87	1992-96	Total
Predators	586	1007	390	1983 (30)
Foragers	671	1865	413	2949 (45)
Bottom Feeders	551	771	362	1684 (25)
Total	1808 (27)	3643 (55)	1165 (18)	6616

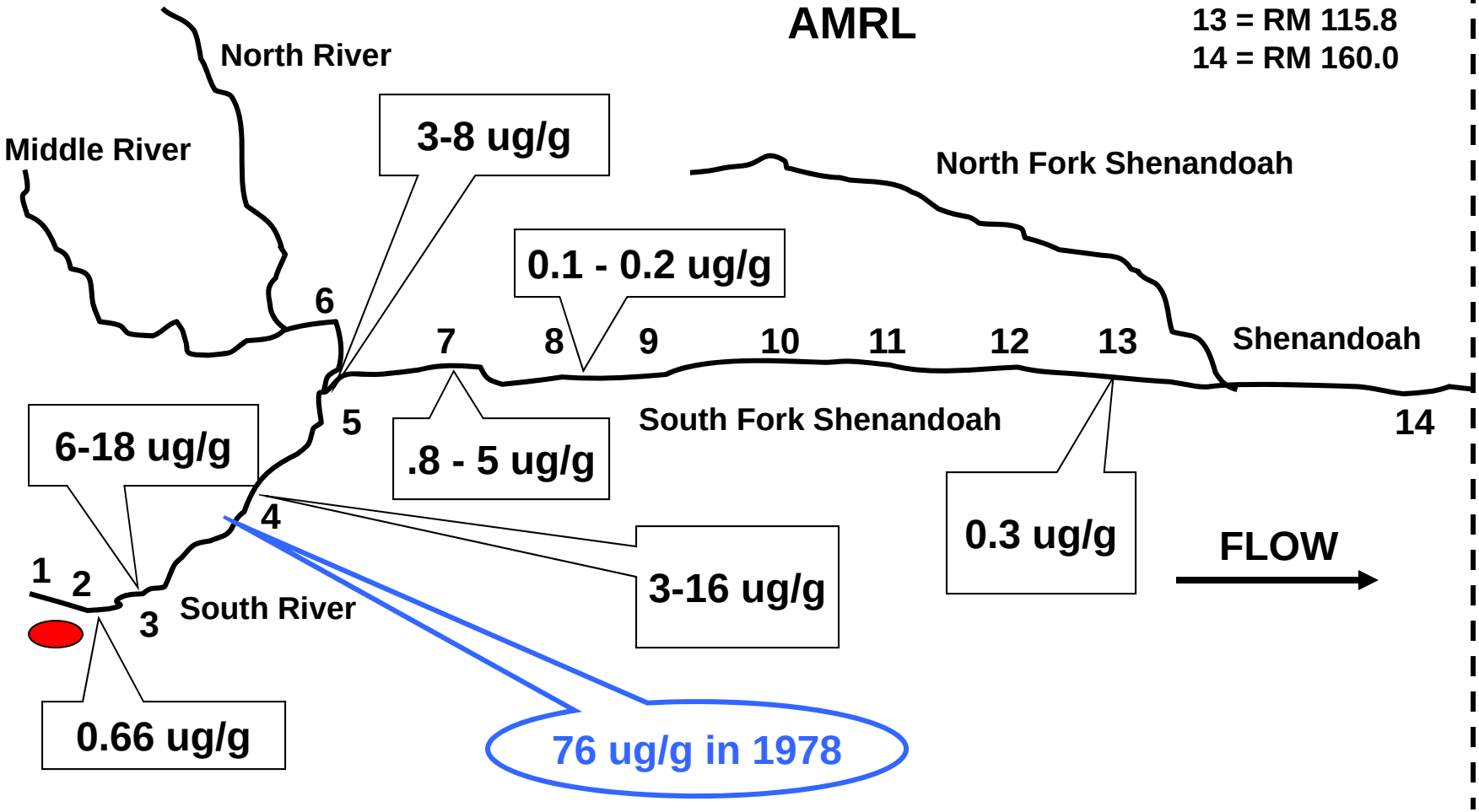
Total Hg (ug/g) in Sediments - 1997

Time	Min	Max	Mean	SD
May 1997	0.72 RM 2	147 RM 3	11.83	25.5
July 1997	<0.018 RM 70	18.30 Center Mill Race	3.58	5.6

Sediment 6/97 & 1978

Stations Referenced in Messing, 1997 - ODU AMRL

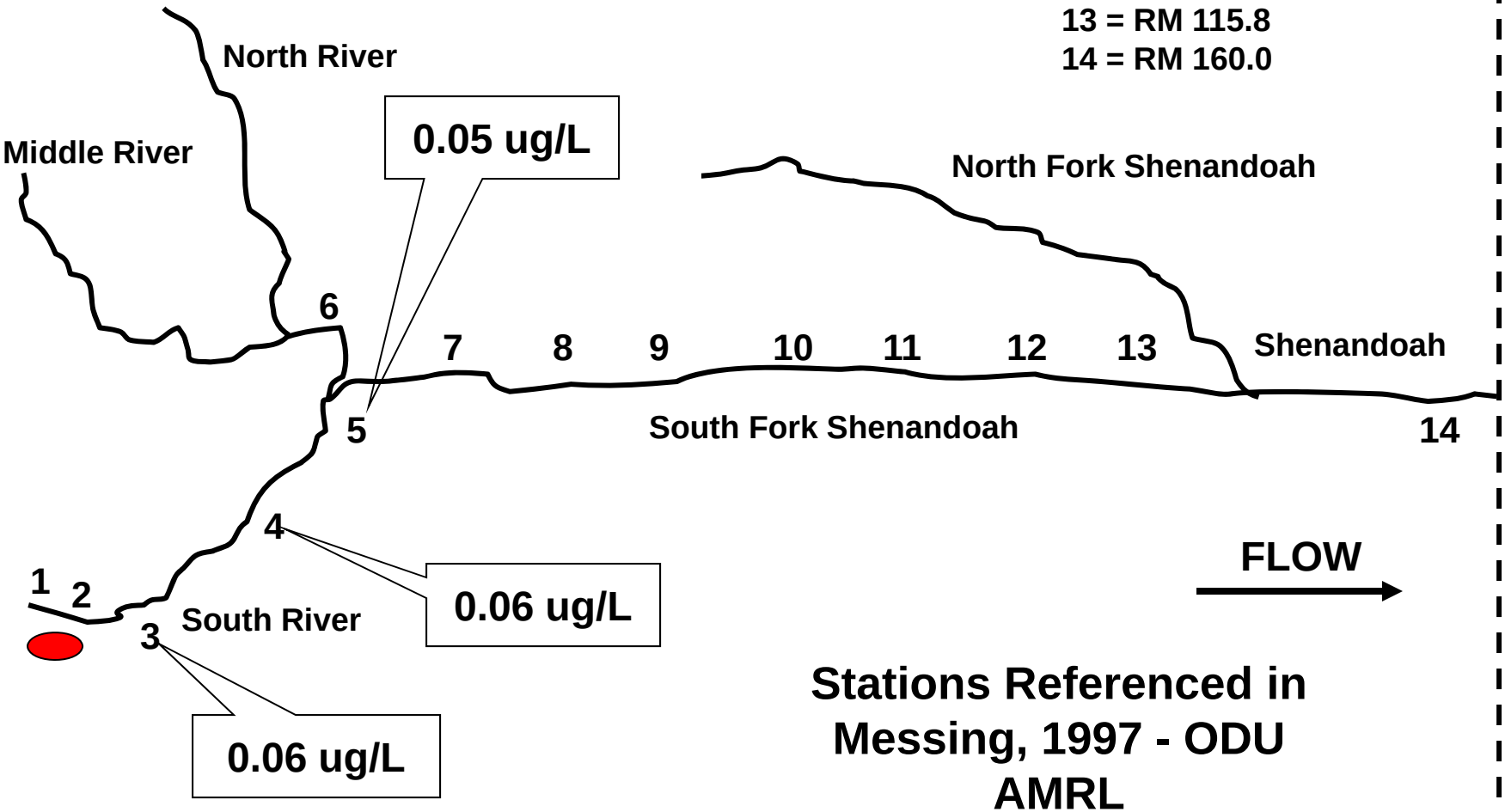
1 = RM -0.7
2 = RM 0.0
3 = RM 5.4
4 = RM 10.5
5 = RM 20.7
7 = RM 27.9
8 = RM 49.7
12 = RM 108.7
13 = RM 115.8
14 = RM 160.0



Surface Water 6/97

LOD 0.04 ug/L

1 = RM -0.7
2 = RM 0.0
3 = RM 5.4
4 = RM 10.5
5 = RM 20.7
7 = RM 27.9
8 = RM 49.7
12 = RM 108.7
13 = RM 115.8
14 = RM 160.0



Stations Referenced in Messing, 1997 - ODU AMRL

MeHg in Fish Tissues - 1999

Fish Type	N	Location	% >0.22 ppm	% >0.66 ppm	% > 1 ppm
SM bass	8	Upstream	25	0	0
SM bass	10	DP footbridge	100	30	0
Rockbass	10	DP footbridge	100	60	10
Sm bass	10	SF-S @ Newport	100	100	50
Catfish	9	SF-S@ Port Republic	90	60	33
Catfish	8	SF-S@ Shenandoah	100	25	15
Catfish	10	SF-S@ Whitehouse	100	20	10

Trends in the National Agenda

- **USEPA Great Lakes Initiative.**
- **USEPA Mercury Study Report(s) to Congress.**
- **USEPA Strategy for PBTs.**
- **USEPA Fish Advisory Risk Assessment Guidance.**
- **NAS Report on Methylmercury and Confirmation of the USEPA's RfD.**
- **USEPA / States – TMDL Development.**
- **USEPA Decision on the Hudson River.**
- **USEPA OSWER Contaminated Sediment Guidance.**

Science Team Charter

- Composed of DEQ, VDH, DGIF, Citizen's Groups, Academia
- Mission – serve as a focal point for technical and scientific issues in support of steering committee
- Objectives – review data, trends, gaps; fate and transport issues, remediation, communications,ID and prioritize additional study areas; exposure issues; refine and develop conceptual models, develop plan to fill data gaps; explore watershed management options; fishery management options; monitor developments at otherHg sites; information transfer – expert lectures.

Statistical Comparisons

- Length or weight of fish sampled over time, by station
- Hg tissue concentration by station, by year, by species (limit on species ?)