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## FORWARD

The Great Lakes National Program Office (GLNPO) of the United States Environmental Protection Agency was established in Region V, Chicago to focus attention on the significant and complex natural resource represented by the Great Lakes.

GLNPO implements a multi-media environmental management program drawing on a wide range of expertise represented by Universities, private firms, State, Federal, and Canadian Governmental Agencies and the International Joint Commission. The goal of the GLNPO program is to develop programs, practices and technology necessary for a better understanding of the Great Lakes Basin Ecosystem and to eliminate or reduce to the maximum extent practicable the discharge of pollutants into the Great Lakes system. The Office also coordinates U.S. action in fulfillment of the Great Lakes Water Quality Agreement of 1978 between Canada and the United States of America.









## TABLES

	Page
1. Averages of the southern basin cruises 1976-1977	2
2. Lake Michigan July-August 1977 summary of metals data from water samples	19
3. Enrichment problem relationships applied on Lake Michigan data	24
4. Chemicals monitored in fish flesh	28
A-1. Parameters measured by GLNPO	A-5
A-2. Selected cruise parameters measured by GLNPO	A-6
A-3. System of parameters used to index the trophic state of Lake Michigan	A-7
B-1. Difference between split sample analyses Southern Lake Michigan	B-2
B-2. Shipboard check standard and reagent blank summary	B-4
B-3. Upper Lake Reference Group performance standards run during 1977 cruises	B-7
B-4. Station L. Michigan 06 24-Hour Surveys 1977	B-9



























































































TABLE A-2

SELECTED CRUISE PARAMETERS MEASURED BY GLNPO

in 1976-1977

	Southern open lake survey #1	Southern open lake survey #2	Southern open lake survey #3	South to North survey and Southern open lake survey #4	Southern open lake survey #5	Southern lake survey #6 & #8	Southern open lake survey #7	Milwaukee nearshore survey #1	Milwaukee nearshore survey #2	Chicago nearshore survey #1	Chicago nearshore survey #2	24 hr. station 6 #1 & #2	24 hr. station 6 #3	Southern open lake survey #1	Southern open lake survey #2, #3, & #4	Indiana nearshore survey #1	Indiana nearshore survey #2 & #3	Green Bay survey #2	Green Bay survey #3
	1976	1976	1976	1976	1976	1976	1976							1977	1977				
Suspended Solids	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Kjeldahl Nitrogen	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Total Cyanide	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals*	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Total Chloride	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Total Sulfate	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Total Fluoride	+	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Total Arsenic*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fecal Coliform	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Total Plate Count	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+
Chlorophyll "a" fluor.	+	+	+	-	-	-	-	+	+	+	+	+	+	+	+	+	+	+	+
Pheophytin "a" fluor.	+	+	+	-	-	-	-	+	+	+	+	+	+	+	+	+	+	+	+
Total Phenolics	-	-	-	-	-	-	-	+	+	+	+	+	+	+	+	+	+	+	+
Primary Productivity	-	-	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+	+

\*Sampled on the 1977 metal cruises.





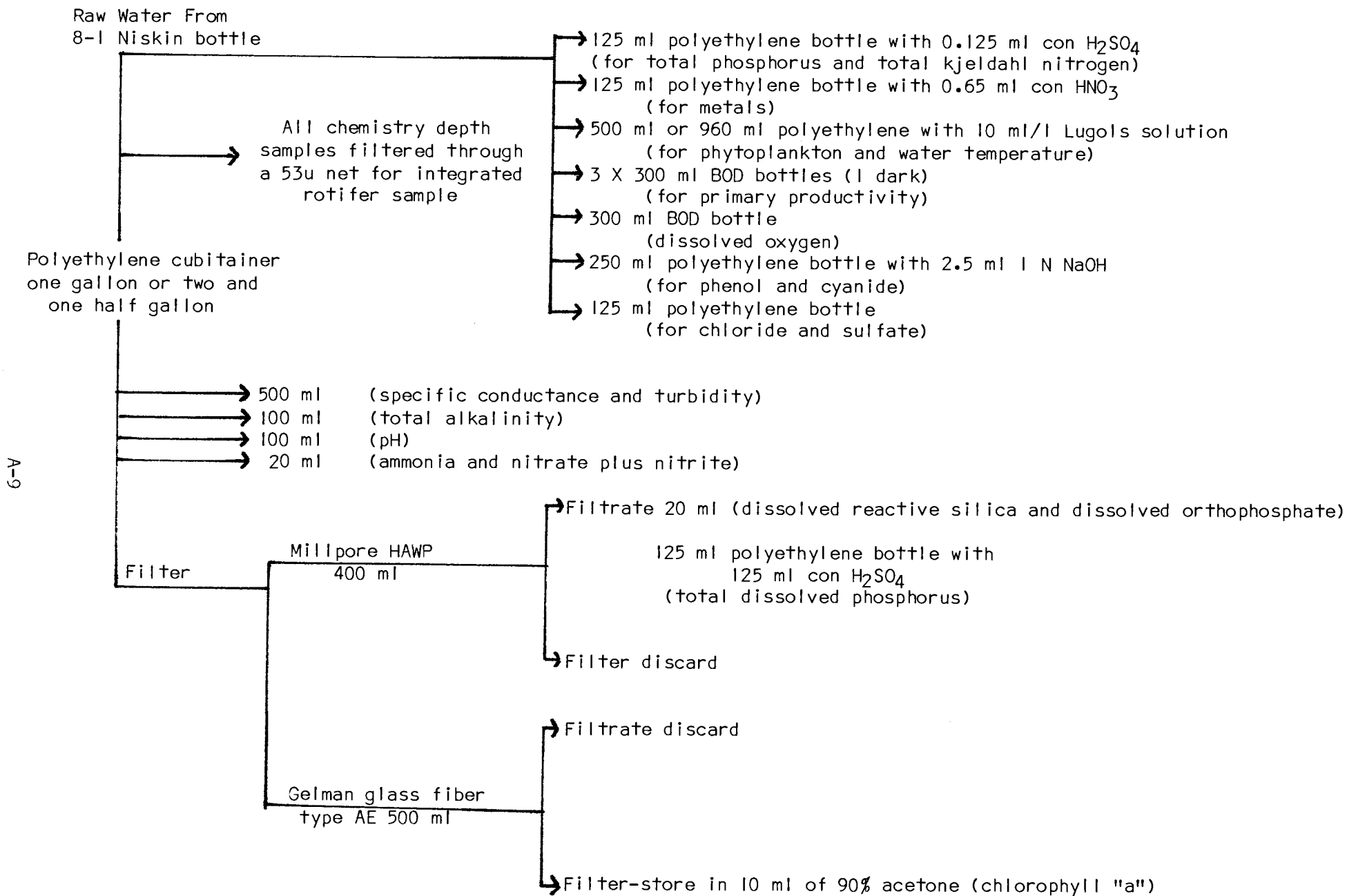


Figure A-4  
Flow chart illustrating sample processing on EPA monitoring vessel.





























APPENDIX D

MICROFICHE - LAKE MICHIGAN

INTENSIVE SURVEY DATA 1976-1977

MICROFICHE ATTACHED TO INSIDE BACK COVER

Errata

Units for nearshore primary productivity are  
milligrams /m<sup>3</sup>/hr

