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DATA REPORT
OF THE
MUNICIPAL WATER QUALITY
INVESTIGATIONS PROGRAM

Summary of
Monitoring Results
Water Year 1994

July 1995

Pete Wilson
Governor
State of California

Douglas P. Wheeler
Secretary for Resources
The Resources Agency

David N. Kennedy
Director
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Foreword

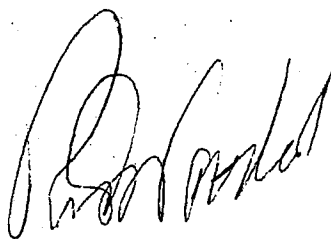
In 1989, the Department of Water Resources established the Municipal Water Quality Investigations Program. The Program unified the Department's drinking water quality studies in the Sacramento-San Joaquin Delta. The MWQI Program incorporated the project objectives of the Interagency Delta Health Aspects Monitoring Program, the Delta Island Drainage Investigation, and special studies to monitor bromide, sea water intrusion, and other water quality parameters affecting the use of the Sacramento-San Joaquin Delta waters as a drinking water source.

Department staff monitor and assess the major sources of water quality impacts in the Delta. Included are the Bay-Delta estuary, river inflows, drainages from land surfaces, the Delta channels, and weather-related events. 1.5

The Program's major goal is to assist water agencies in protecting and improving Delta drinking water supplies and to guide water treatment research. To achieve this, Program staff examine the major sources and causes of water quality changes in the Delta that affect drinking water quality. Key Delta channel and river stations and agricultural drains are monitored for trihalomethane formation potential, arsenic, copper, mercury, and different minerals. 2.

This report presents the findings from monitoring water quality changes in the Delta from October 1993 through September 1994. The 1994 water year was determined to be critically dry. 1.

For further information on the Municipal Water Quality Investigations Program, contact Rick Woodard of the Division of Local Assistance, Department of Water Resources, at 1020 Ninth Street, Sacramento, CA 95814, or by phone at (916) 327-1636. Limited copies of this report can be obtained at no charge from the Division of Local Assistance by contacting Rose Luna at the above address, or by phone at (916) 327-1637.



Rick Woodard, Chief
Water Quality Assessment Branch

Table of Contents

Foreward.iii
Organization.vii
I. EXECUTIVE SUMMARY	1
II. PROGRAM DESCRIPTION	2
A. Purpose	2
B. Program Advisors	2
C. Monitoring Stations	4
D. Field Sampling Methods9
E. Analytical Methods9
III. MONITORING RESULTS	11
A. Delta Channels	11
1. Organic Constituents	11
2. Minerals	18
3. Metals	23
B. Agricultural Drains	24
1. Organic Constituents	24
2. Mineral	25
C. Autosamplers.28
1. Organic Constituents.	28
APPENDIX A. DATA QUALITY REVIEW	A-1
A. Sample Holding Times	A-1
B. Method Blanks	A-2
C. Field Blanks.	A-4
D. Matrix Spike Recoveries	A-5
E. Matrix Spike Duplicate Recoveries	A-7
F. Laboratory Control Samples	A-7
APPENDIX B. MWQI DATA	
A. TFPC Data Report	B-1
B. Minor Elements Data Report	C-1
C. Mineral Data Report	D-1
D. Autosampler Data Report	E-1

List of Tables

Table 1. 1994 Program Advisors and Participants 3
Table 2. Monitoring Stations 5

List of Figures

Figure 1. Monitored Channel Stations 7
Figure 2. Monitored Agricultural Drainage Sampling Stations 8
Figure 3. North Delta DOC Ranges 12
Figure 4. South Delta DOC Ranges 13
Figure 5. North Delta THMFP Ranges 14
Figure 6. South Delta THMFP Ranges 15
Figure 7. North Delta TFPC Ranges 16
Figure 8. South Delta TFPC Ranges 17
Figure 9. North Delta EC Ranges 19
Figure 10. South Delta EC Ranges 20
Figure 11. North Delta Bromide Ranges 21
Figure 12. South Delta Bromide Ranges 22
Figure 13. Agricultural Drain DOC Ranges 26
Figure 14. Agricultural Drain THMFP Ranges 26
Figure 15. Agricultural Drain TFPC Ranges 27
Figure 16. Agricultural Drain EC Ranges 27
Figure 17. Autosampler DOC Ranges 29
Figure 18. Autosampler UVA Ranges 30
Figure 19. Autosampler TFPC Ranges 31

Organization

State of California
PETE WILSON, GOVERNOR

The Resources Agency
DOUGLAS P. WHEELER, Secretary of Resources

Department of Water Resources
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I. EXECUTIVE SUMMARY

This report summarizes water quality data collected in the Sacramento-San Joaquin Delta under the Municipal Water Quality Investigations Program during the water year 1994. This period was critically dry (October 1993 - September 1994) following a water year that was above normal in precipitation (October 1992 - September 1993). Under the MWQI Program, major channel stations and agricultural drains were monitored on a monthly basis. Several times a year, synoptic surveys were also conducted where many stations were sampled in a three-day period with all channel stations being sampled on the same day. Autosamplers located at four stations collected samples seven days per week. 1. 2.

Water samples were analyzed for organic precursors to trihalomethanes, a disinfection by-product formed during water treatment. Disinfection by-products are becoming increasingly important to water treatment managers because of impending regulations. Water samples were also analyzed for standard minerals and selected sites were analyzed for trace metals.

These data are presented here in a noninterpretive data summary format. All of the data sampled during this one-year period are presented in Appendix B. Selected data from the major channel stations and from all of the agricultural drains and autosampler stations are presented in the body of the report in graphical form. This data summary will be followed by an interpretive report which will cover five years of water quality data (Water Years 1992 through 1996). This report will be published in January 1997.

Some major trends are evident in the data presented here. Effects of tidal influence, agricultural drainage, and seasonal precipitation are seen in the water quality results plotted over time. These trends will be further analyzed in subsequent interpretive reports.

II. PROGRAM DESCRIPTION

A. Purpose

The MWQI Program staff collect water quality data for numerous purposes. The data are used to:

- (1) Alert water agencies about potential contaminant sources to Delta water supplies;
- (2) Document water quality under a variety of hydrologic conditions for studying water transfer alternatives, water quality standards, and predictive modeling capabilities;
- (3) Determine the influence of sea water intrusion, local and external sources of farm drainage, river input, in-channel processes, weather, and State Water Project and Central Valley Project operations on Delta drinking water quality. Selenium, bromide, and other inorganic constituents are used to trace the movement and mixing of water from different sources; and
- (4) Assist the Department and other participating water agencies in planning, protecting, and improving drinking water quality.

B. Program Advisors

The MWQI Advisory Committee provides policy-level guidance and recommends program modifications as needed to respond to changing drinking water quality concerns. The Municipal Water Quality Investigations Advisory Committee provides specific expertise in laboratory methodologies, regulatory updates, and review of the analyses, interpretation, and reporting of program data. The Delta Lands Advisory Committee assists the Department with permission to sample agricultural drains and provides information about farming activities in the Delta. The Committees also review and comment on the program reports and give advice on program expenditures.

Table 1. 1994 Program Advisors and Participants

Municipal Water Quality Investigations Advisory Committee

Chairperson:

Rick Woodard California Department of Water Resources

Bill Brennan Central Coast Water Agency

Bruce Agee California Department of Water Resources

Francis Chung California Department of Water Resources

John Coburn State Water Contractors

Andrew Florendo Alameda County Flood Control and
Conservation District, Zone 7

Jim Horen Contra Costa Water District

Judith Heath California Department of Water Resources

Bob Hultquist California Department of Health Services

Tom Howard State Water Resources Control Board

Frank Maitski Santa Clara Valley Water District

Marvin Jung Marvin Jung & Associates

Stuart Krasner The Metropolitan Water District of Southern California

Michael Lanier Alameda County Water District

Bruce Macler U. S. Environmental Protection Agency

John Marchand Alameda County Water District

Alexis Milea California Department of Health Services

Hoover Ng City of Los Angeles Department of Water and Power

Kusum Perera California Department of Health Services

Dennis Westcot Central Valley Regional Water Quality Control Board

Roy Wolfe The Metropolitan Water District of Southern California

Jim Beck Kern County Water Agency

Russ Ruller Antelope Valley-East Kern Water Agency

Doug Chun Alameda County Water District

Delta Lands Advisory Committee

Chairperson:

Rick Woodard California Department of Water Resources

Bruce Agee California Department of Water Resources

Jack Baber Reclamation District 1004

Thomas M. Hardesty Reclamation District 2068

Judith Heath California Department of Water Resources

Alex Hildebrand Reclamation District 2075 and South Delta Water Agency

Marvin Jung Marvin Jung & Associates

James Shanks Reclamation District 38

John Winther Delta Wetlands, Inc.

C. Monitoring Stations

The MWQI Program staff coordinate several monitoring tasks, including the monthly monitoring of key Delta stations, synoptic surveys to study sea water intrusion, Delta island drainage sampling, and special studies.

Water quality is a public health concern at water supply intakes in the Delta. Five stations that are monitored routinely include:

- (1) American River Water Treatment Plant intake that serves the City of Sacramento (Station 1);
- (2) North Bay Pumping Plant (Station 87) that serves Solano and Napa counties;
- (3) Rock Slough at Old River (Station 9), 4 miles east of the Contra Costa Water District intake;
- (4) Harvey O. Banks Delta Pumping Plant Headworks (Station 12), which is the headworks of the California Aqueduct; and
- (5) Delta Mendota Canal Intake at Lindemann Road (Station 11), which is upstream of the Tracy Pumping Plant for the Delta-Mendota Canal.

In addition to these stations, other monitoring locations in the Delta provide information about the transport and mixing of Delta waters and enable a more comprehensive evaluation of water quality conditions.

Synoptic surveys were performed to trace the movement of water entering the State Water Project, the Central Valley Project, and Contra Costa Water District pumping facilities. The synoptic surveys took place over three-day periods at 30 channel stations and 42 drains. All channel stations, however, were sampled in one day. Five synoptic surveys were conducted during Water Year 1994. The synoptic survey data is not separated from the regular monthly sampling data for the purposes of this report. A separate interpretive report will be published in the future that will analyze the data of the synoptic surveys.

Autosamplers have been used since 1993 to study the daily variation of some water quality parameters. Samples were collected every 24 hours for electrical conductivity (EC), dissolved organic carbon (DOC), and ultraviolet absorbance at 254 nanometers (UVA_{254nm}). Autosamplers were installed at two agricultural drains (Twitchell Island and Mandeville Island) and two channel stations (Middle River at Borden Highway and Greene's Landing).

Table 2. Monitoring Stations

STATION ID	DWR STATION #	STATION NAME	STATION ABBREV.	TYPE
1	A0714010	American River at W.T.P.	AMERICAN	HF
2	B9D82071327	Sacramento River @ Greenes Landing	GREENES	HF
3	B9D81781448	Cache Slough @ Vallejo P.P.	CACHE	HF
7	B9D80371300	Little Connection Sl. @ Empire Tr.	LCONNECT	HF
8	B9V80361299	Ag Drain on Empire Tr., W.end 8-Mi.Rd.	AGDEMPIRE	AD
9	B9D75841348	Rock Slough @ Old River	ROCKSL	HF
10	KA000000	Clifton Court Intake	CLIFTON	HF
11	B9C74901336	DMC Intake @ Lindemann Rd.	DMC	HF
12	KA000331	Delta P.P. Headworks	BANKS	HF
13	B9D75351293	Middle R. @ Borden Hwy.	MIDDLER	HF
14	B0702000	San Joaquin R. near Vernalis	VERNALIS	HF
17	EOB80261551	Sacramento R. @ Mallard Island	MALLARDIS	HF
20	A0V83681312	Natomas Main Drain	NATOMAS	AD
21	B9V80541310	Ag Drain on Bouldin Tr., P.P.No. 1	BOULDIN1	AD
22	B9V80611335	Ag Drain on Bouldin Tr., P.P.No. 2	BOULDIN2	AD
25	B9V80461224	Ag Drain on King Island, P.P.No. 1	KINGISPP01	AD
26	B9V80271262	Ag Drain on King Island, P.P.No. 2	KINGISPP02	AD
27	B9V80331273	Ag Drain on King Island, P.P.No. 3	KINGISPP03	AD
44	B9V74811246	Ag Drain on Pescadero Tr., PP No. 1	PESCADERO01	AD
45	B9V74811241	Ag Drain on Pescadero Tr., PP No. 2	PESCADERO02	AD
46	B9V74821231	Ag Drain on Pescadero Tr., PP No. 3	PESCADERO03	AD
51	B9V80271282	Ag Drain on Rindge Tr., PP No. 2	RINDGEPP02	AD
60	B9V75641318	Ag Drain on Upper Jones Tr., PP No. 2	UPJONESPP02	AD
61	B9V80671368	Ag Drain on Brannan Island, PP No. 1	BRANNANPP01	AD
62	B9V80711377	Ag Drain on Brannan Island, PP No. 2	BRANNANPP02	AD
63	B9V80721385	Ag Drain on Brannan Island, PP No. 3	BRANNANPP03	AD
64	B9V80741398	Ag Drain on Brannan Island, PP No. 4	BRANNANPP04	AD
65	B9V74961340	Ag Drain on Clifton Court	AGDCLIFTON	AD
68	B9V74781220	Ag Drain on Pescadero Tr., PP No. 4	PESCADERO04	AD
69	B9V74661251	Ag Drain on Pescadero Tr., PP No. 5	PESCADERO05	AD
75	B0704000	San Joaquin R. @ Maze Rd. Bridge	MAZE	HF
76	B9V75651318	Ag Drain on Lower Jones Tr., PP No. 1	LJONES01	AD
77	B9V75831305	Ag Drain on Lower Jones Tr., PP No. 2	LJONES02	AD
87	B9D81661478	Barker Slough @ North Bay PP	BARKERNOBAY	HF
88	B9D80961411	Sacramento R. @ Rio Vista Bridge	SACRRIOVISTA	HF
91	B9D80361275	Honker Cut At Atherton Rd. Bridge	HONKER	HF
100	B9D75891348	Old R. N/O Rock Sl. (St. 4b)	STATION04B	HF
103	B9D75351342	Old R. near Byron (St. 9)	STATION09	HF
105	B9D74971331	West Canal @ Clifton Court FB Intake	WSTCANCLIFT	HF
107	B9D81481305	Delta Cross Channel Gate nr Walnut Gr	DELTACRCHAN	HF
108	B9D81441309	Georgiana Sl. @ Walnut Grove Bridge	GEORGLWALNUTHF	HF
110	B9D75741317	Middle R. @ Bacon Island Bridge	MRIVBACON	HF
111	B9D75011229	Middle R. @ Mowry Bridge (Undine Rd.)	MIDMOWRY	HF
112	B9D75881285	Turner Cut @ McDonald Island Ferry	TURNERCUT	HF
113	B9D80191348	Old River @ Sand Mound Slough	SANDMOUND	HF
114	B9D80011307	Middle R. nr. Latham Sl. (Ferry Site)	LATHAM	HF
115	B9D80031294	Connection Sl. @ Mandeville Is. Bridge	CONNMAND	HF

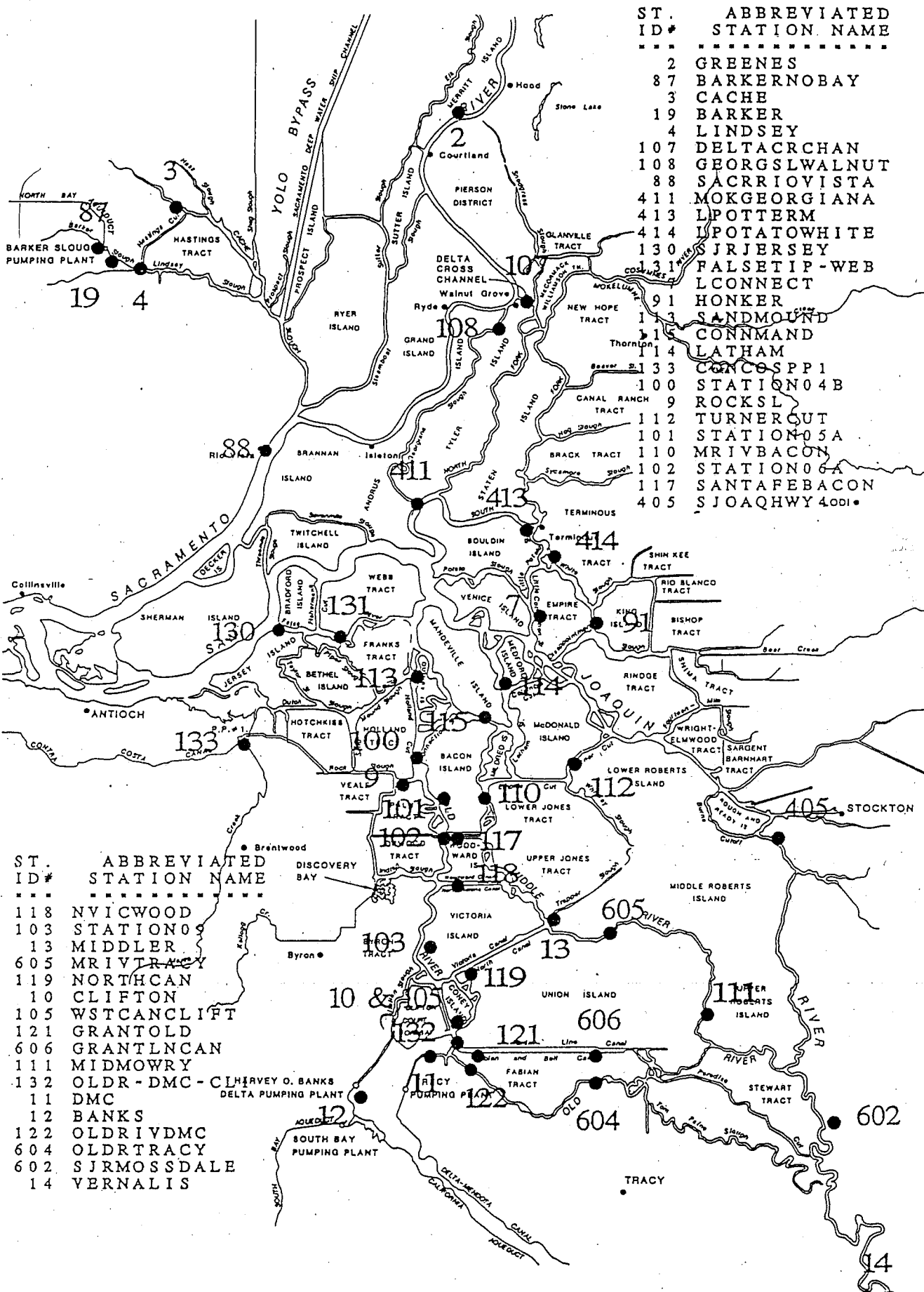
Table 2. Monitoring Stations (Cont.)

STATION ID	DWR STATION #	STATION NAME	STATION ABBREV.	TYPE
117	B9D75651333	Santa Fe-Bacon Is. Cut nr. Old River	SANTAFEBACON	HF
118	B9D75481334	Woodward/N. Victoria Canal nr. Old R.	NVICWOD	HF
119	B9D75171329	North Canal nr. Old River	NORTHCAN	HF
121	B9D74931328	Grant Line/Fabian/Bell Canals nr Old	GRANTOLD	HF
122	B9D74891331	Old River U/S from DMC Intake	OLDRIVDMC	HF
123	B9V80451387	Ag Drain on Webb Tract, PP. No. 1	WEBB01	AD
124	B9V80381361	Ag Drain on Webb Tract, PP. No. 2	WEBB02	AD
125	B9V75931350	Ag Drain on Holland Tract, PP. No. 1	HOLLAND01	AD
126	B9V80011348	Ag Drain on Holland Tract, PP. No. 2	HOLLAND02	AD
127	B9V80111361	Ag Drain on Holland Tract, PP. No. 3	HOLLAND03	AD
128	B9V75881342	Ag Drain on Bacon Island, PP. No. 1	BACON01	AD
129	B9V80031328	Ag Drain on Bacon Island, PP. No. 2	BACON02	AD
130	B9D80311413	San Joaquin River @ Jersey Point	SJRJERSEY	HF
131	B9D80301377	False R. @ Southerly Tip of Webb Tr.	FALSETIPWEBB	HF
132	B9D74951331	Old R. 6/10 mi. below DMC Intake	OLDRDMCCLIFT	HF
133	B9591000	Contra Costa PP Number 01	CONCOSPP1	HF
140	B9V80881307	Ag Drain on Staten Island PP. No. 1	STATENPP01	AD
141	B9V80751335	Ag Drain on Staten Island PP. No. 2	STATENPP02	AD
142	B9V80481319	Ag Drain on Venice Island	VENICE	AD
143	B9V85491328	Ag Drain on Woodward Island	WOODWARDPP	AD
144	B9V80071319	Ag Drain on Mandeville Isl., PP No.01	MANDEVILEPPO1	AD
145	B9V80291321	Ag Drain on Mandeville Isl., PP No.02	MANDEVILEPPO2	AD
146	B9V85571345	Ag Drain on Orwood Tract	ORWOODPP	AD
147	B9V85651349	Ag Drain on Palm Tract	PALMTRPP	AD
411	B9D80771345	Mokelumne R. below Georgiana Slough	MOKGEORGIANA	HF
413	B9D80691298	L. Potato Slough @ Terminous	LPOTTERM	HF
602	B9D74711184	San Joaquin R. @ Mossdale Bridge	SJRMOSSDALE	HF
604	B9D74731285	Old River near Tracy	OLDRTRACY	HF
605	B9D75291273	Middle R. @ Tracy Rd. Bridge	MRIVTRACY	HF
606	B9D74921269	Grant Ln. Can. @ Tracy Rd. Bridge	GRANTLNCAN	HF

Type Code:

AD refers to an agricultural drain.

HF refers to a channel station. The H code referred to the Interagency Health Aspects Monitoring Program station and the F code stood for a freshwater sample type.



ST. ID#	ABBREVIATED STATION NAME
2	GREENES
87	BARKERNOBAY
3	CACHE
19	BARKER
4	LINDSEY
107	DELTA CRCHAN
108	GEORGSWALNUT
88	SACRRIOVISTA
411	MOKGEORGIANA
413	LPOTTERM
414	LPOTATOWHITE
130	SJRJERSEY
131	FALSETIP-WEB
91	LCONNECT
91	HONKER
113	SANDMOUND
115	CONNMAND
114	LATHAM
133	CONCOSPP1
100	STATION04B
9	ROCKSL
112	TURNERCUT
101	STATION05A
110	MRIVBACON
102	STATION06A
117	SANTAFEBACON
405	SJOAQHWY4ODI

ST. ID#	ABBREVIATED STATION NAME
118	NVICWOOD
103	STATION09
13	MIDDLER
605	MRIVTRACY
119	NORTHCAN
10	CLIFTON
105	WSTCANCLIFT
121	GRANTOLD
606	GRANTLNCAN
111	MIDMOWRY
132	OLDR - DMC - CLHARVEY O. BANKS
11	DMC
12	BANKS
122	OLDRIVDMC
604	OLDRTRACY
602	SJRMOSSDALE
14	VERNALIS

Figure 1. Monitored Channel Stations

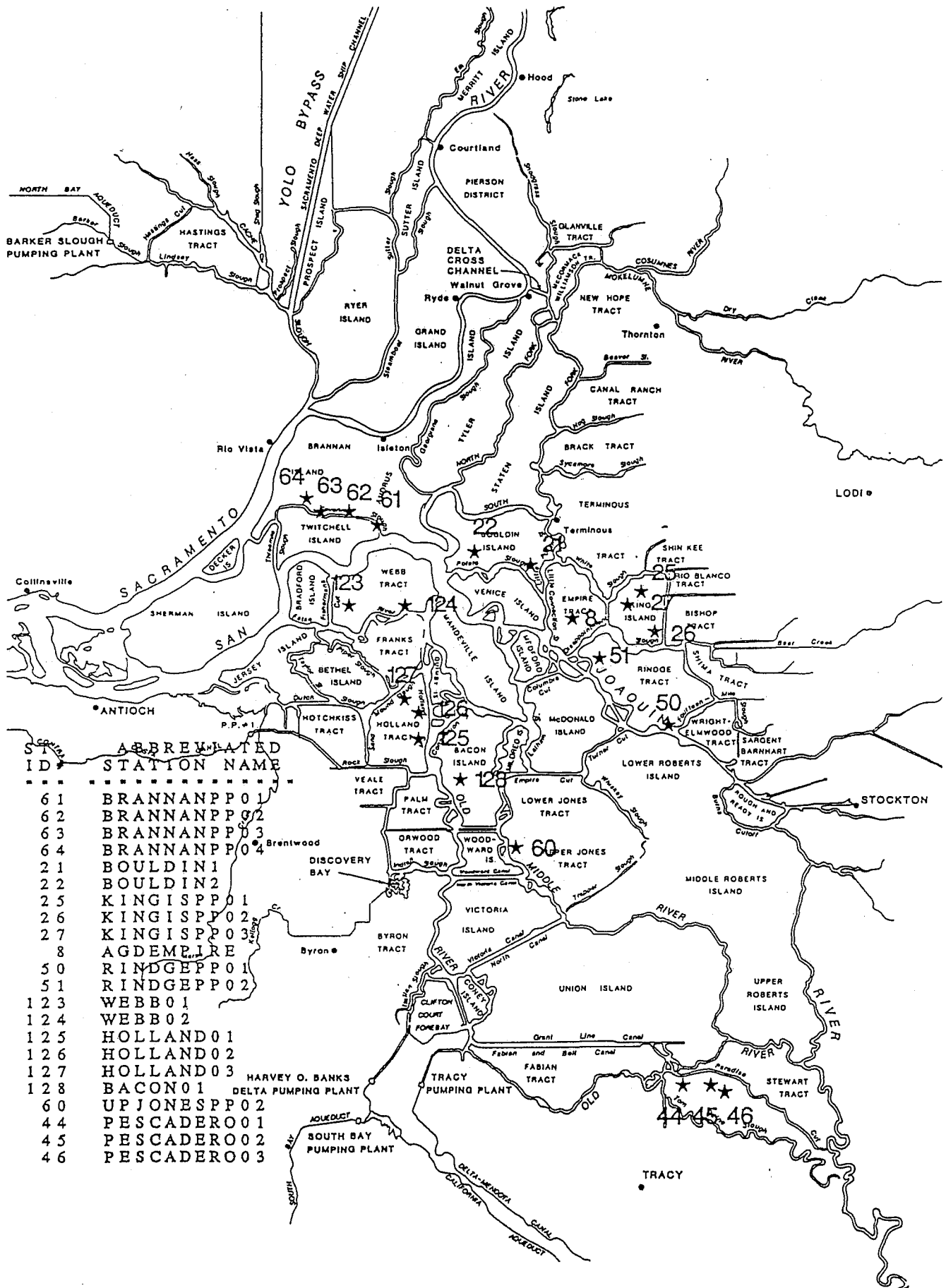


Figure 2. Monitored Agricultural Drainage Sampling Stations

D. Field Sampling Methods

Samples were collected in a specially designed stainless steel bucket developed by DWR. The sample bucket is equipped with two Teflon valves to dispense the collected water. Before the bucket was used, it was washed in detergent, rinsed in tap water, and air dried. For some analyses, the samples were filtered in the field with a 0.45 micrometer filter using a peristaltic pump with Teflon tubing.

A Yellow Springs Instrument (YSI) electrical conductivity/temperature meter was used to record EC and temperature. The Hellige colorimetric kit or a Beckman Model 10 portable pH meter was used to determine pH. Dissolved oxygen was measured with a Yellow Springs Instruments Model 50 meter. All electrical conductivity meters, pH meters and dissolved oxygen meters were calibrated before use on each data collection run.

Filtered samples for volatile organic analyses (VOA) were collected in 40-milliliter glass vials. Sample containers were completely filled to eliminate air space and air bubbles. The caps of the 40-milliliter vials were fitted with Teflon-coated septa, as specified by the U.S. Environmental Protection Agency. Samples were kept on ice, or refrigerated and delivered to the laboratory within 24 hours of collection.

Separate sample containers were collected for laboratory measurements of bromide and ultraviolet absorbance at 254 nanometers (UVA_{254 nm}).

At least one blind field duplicate was collected on each sampling run (usually one duplicate in seven to ten samples). The duplicates were submitted to the laboratories with the regular samples as a quality assurance check.

E. Analytical Methods

THMFP/TFPC Analysis

The total trihalomethane formation potential carbon (TFPC) results are computed by summing the amount of carbon in each of the four trihalomethane (THM) species in the DWR THMFP assay. The TFPC represents the amount of organic carbon that was converted to a trihalomethane under the DWR assay. This method allows comparison of raw water THM organic precursor levels to the anticipated THM levels after water treatment.

At the laboratory, water samples for THMFP analysis were chlorinated (inoculated) with about 120 mg/l chlorine. This high dosage was used to assure a chlorine residual after the seven-day incubation period at 25 degrees Celsius. At the end of seven days, the chlorine residual was determined. The residual chlorine was then quenched using sodium thiosulfate, and the sample was analyzed for trihalomethanes by the gas chromatograph purge and trap method, EPA Method 502.2. For a more complete

description of the modified THMFP analytical method, see the description of the modified THMFP assay on page 90 of *The Five-Year Report of the Municipal Water Quality Investigations Program 1987-1991* published by DWR. THM analyses were performed at the Clayton Environmental Laboratory (see Appendix A- Data Quality Review).

DWR's Bryte Chemical Laboratory performed mineral, trace element, and some organic analyses. Further detail about laboratory methods used by Bryte Laboratory may be found in Appendix A and in *The Five-Year Report of the Municipal Water Quality Investigations Program 1987-1991*.

III. MONITORING RESULTS

A. Delta Channels

1. Organic Constituents

Dissolved Organic Carbon

The results of DOC analyses at major channel stations in the North Delta are shown in Figure 3. At the Barker North Bay pumping plant, DOC concentrations ranged from 3.1 to 12.8 mg/l, whereas at the major Sacramento and American River stations, the DOC concentrations were less than 4 mg/l. There were peaks in DOC concentrations for all stations in January through March, probably due to winter storm runoff.

DOC concentrations at major channel stations in the South Delta are shown in Figure 4. These concentrations varied similarly over time and ranged from 2.2 to 6.7 mg/l. In general, the DOC concentrations were greater than those in the North Delta. As in the North Delta, there were peaks in DOC concentrations from January through March that was probably the result of seasonal storms. Somewhat lower level peaks in May-June probably represent typical summer agricultural drainage from the San Joaquin Valley and local agricultural drainage.

Trihalomethane Formation Potential

The results of THMFP analyses at major channel stations in the North Delta are shown in Figure 5. These concentrations vary similarly to the DOC concentrations in Figure 3. The concentrations range from 120 to 1400 ug/l with the concentrations at Barker North Bay pumping plant being greater than the other channel stations. There appears to be more agricultural runoff at Barker North Bay pumping plant than in the Sacramento River.

South Delta THMFP analyses results are shown in Figure 6. These THMFP concentrations are generally somewhat higher than those in the North Delta with less difference in values between the different stations. This close pattern of values at the South Delta stations implies that there are similar levels of precursor material and the water is relatively well mixed.

Total THM Formation Potential Carbon

Figures 7 and 8 show total trihalomethane formation potential as carbon for the North and South Delta, respectively. These figures show the same data as Figures 5 and 6, but in the units of TFPC. The range of TFPC for both regions is from 12 to 140 ug/l.

Figure 3: North Delta DOC Ranges (10/93-9/94)

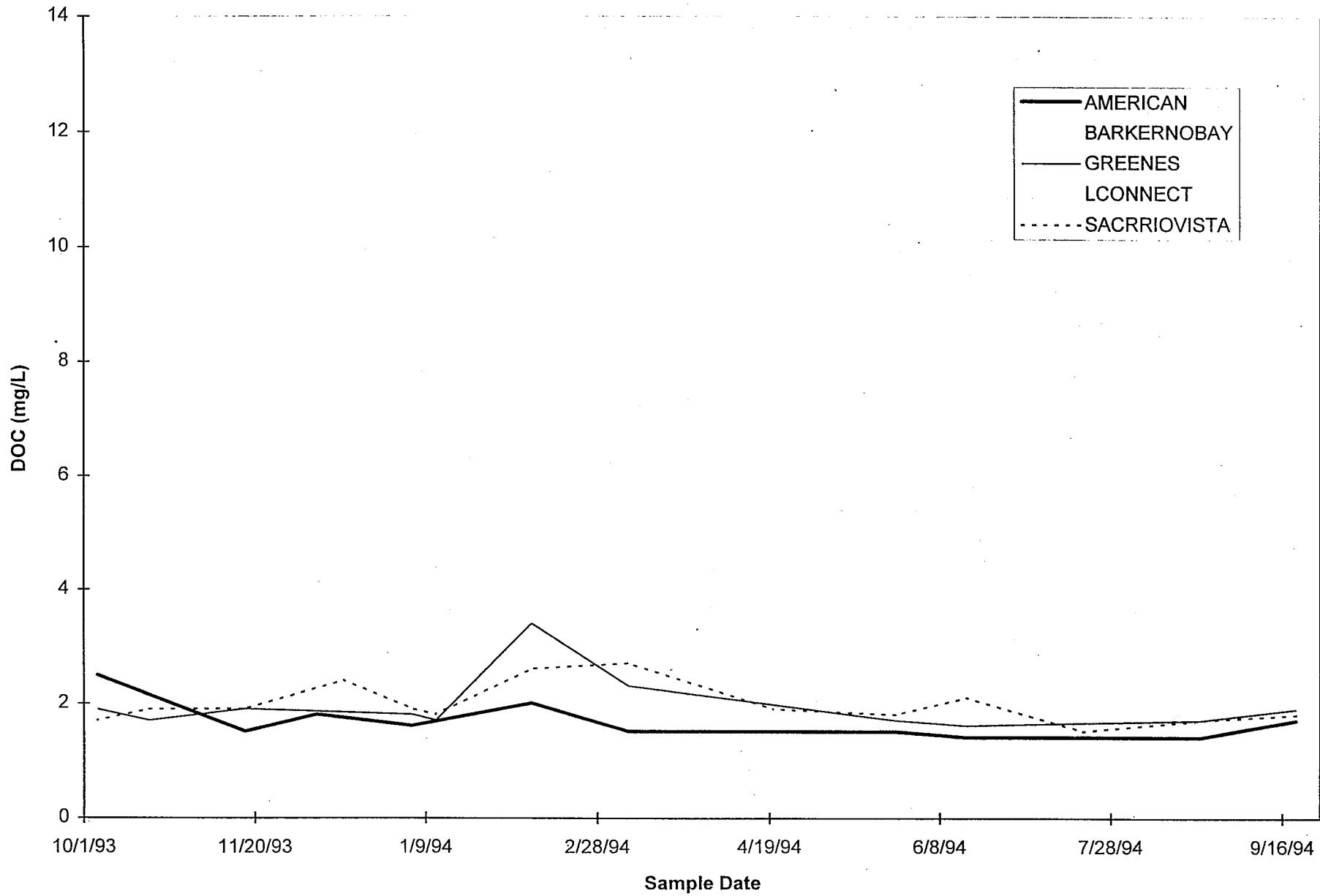


Figure 4: South Delta DOC Ranges (10/93-9/94)

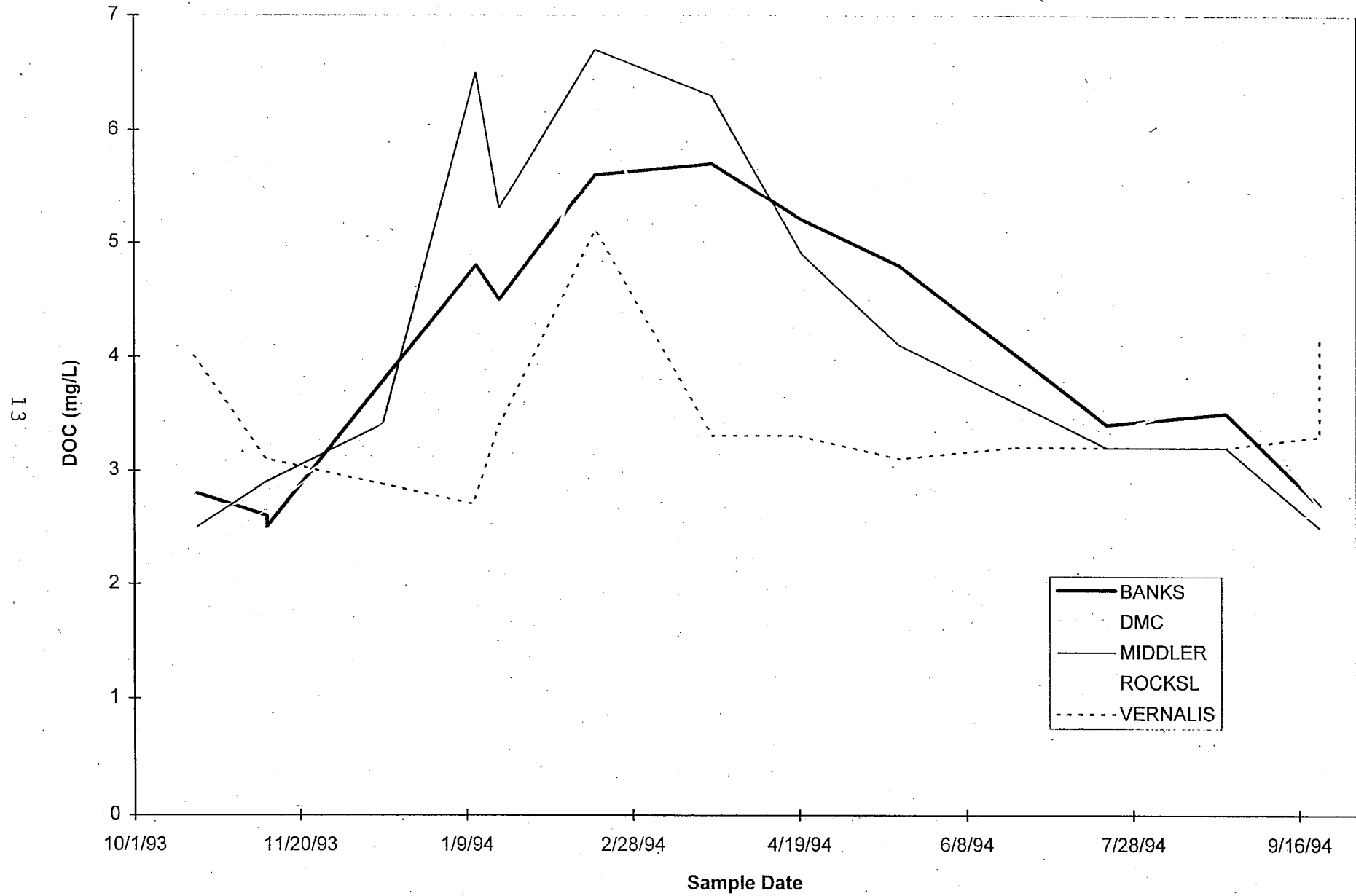


Figure 5: North Delta THMFP Ranges (10/93-9/94)

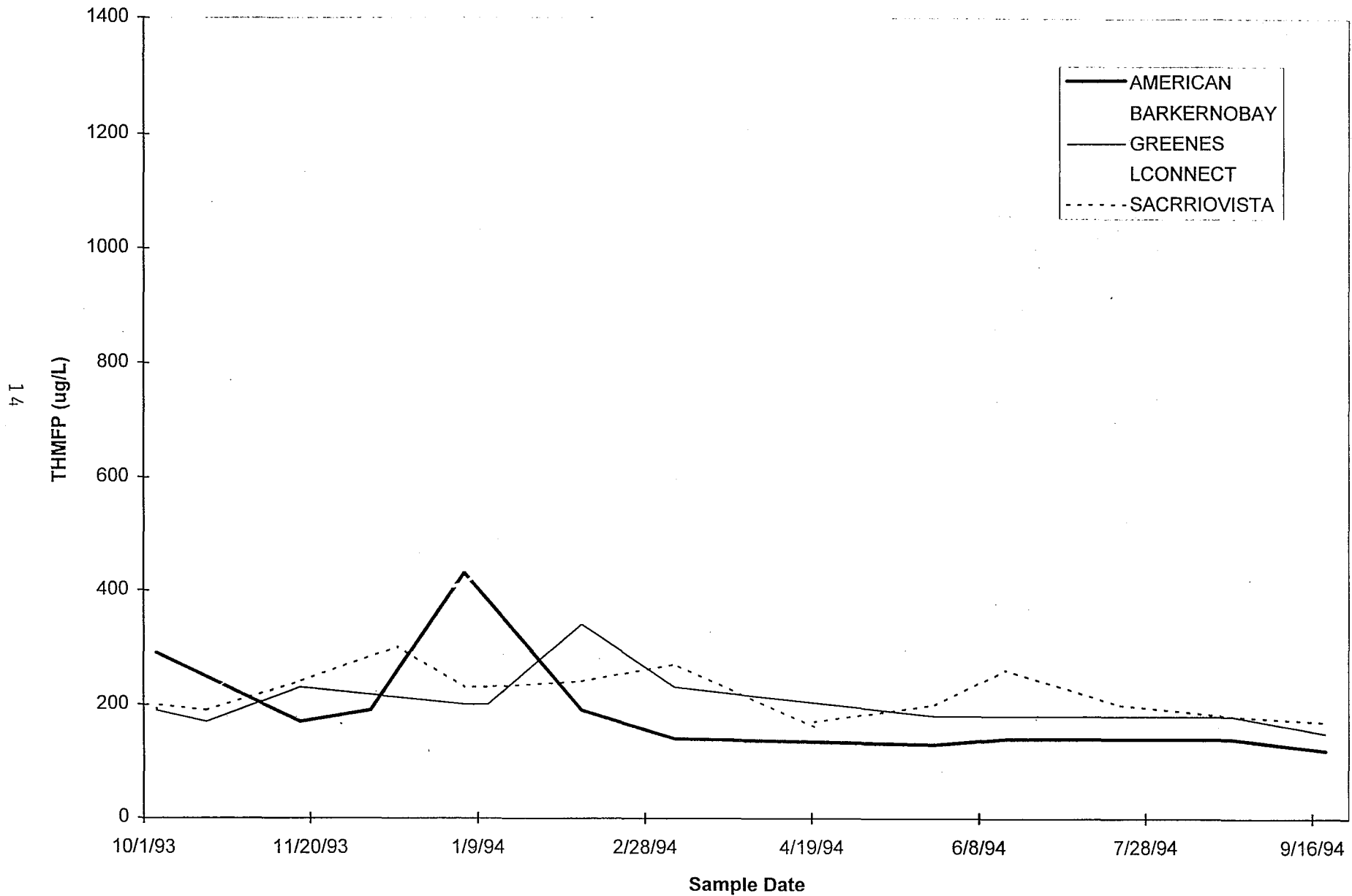


Figure 6: South Delta THMFP Ranges (10/93-9/94)

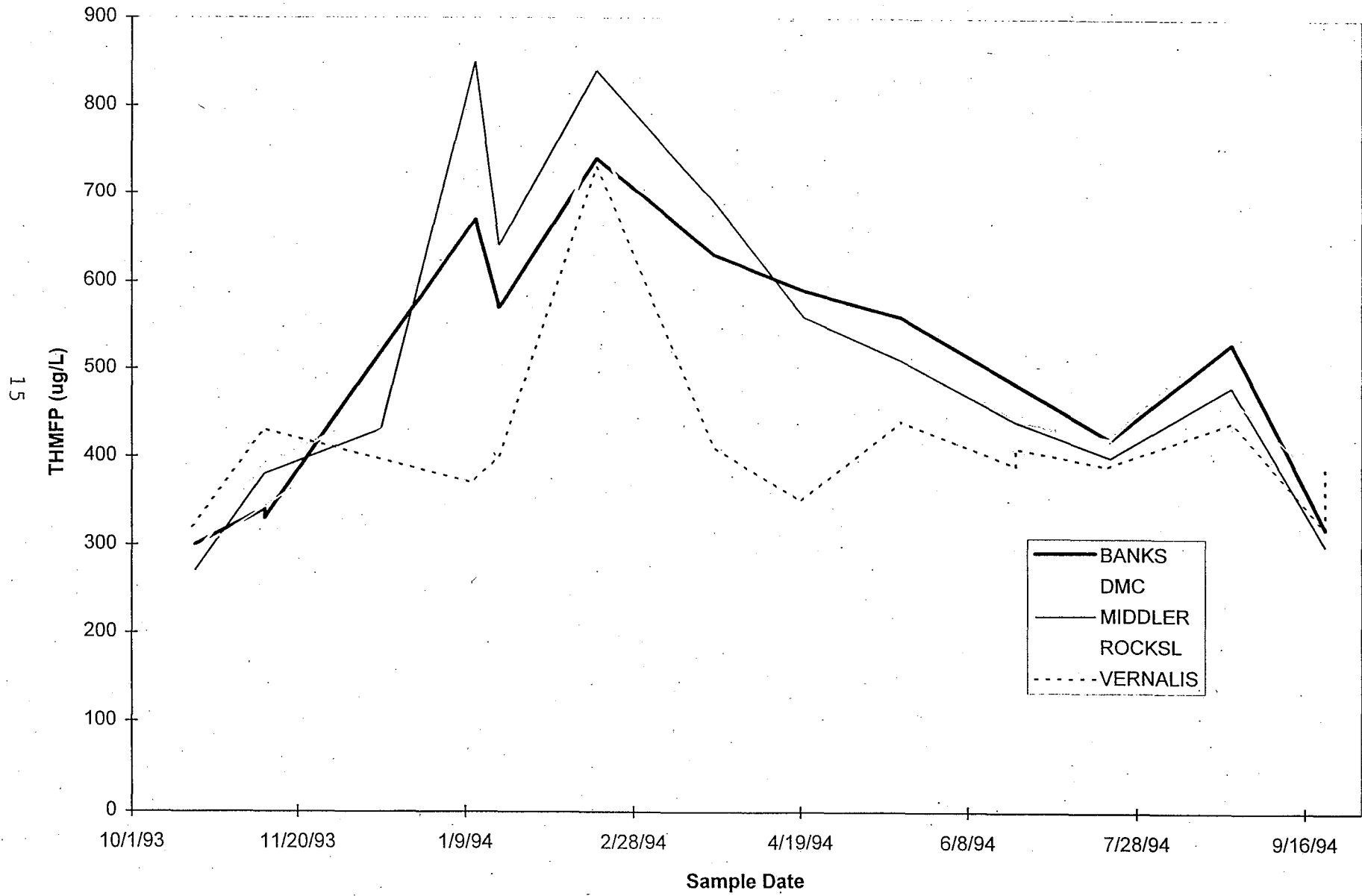


Figure 7: North Delta TFPC Ranges (10/93-9/94)

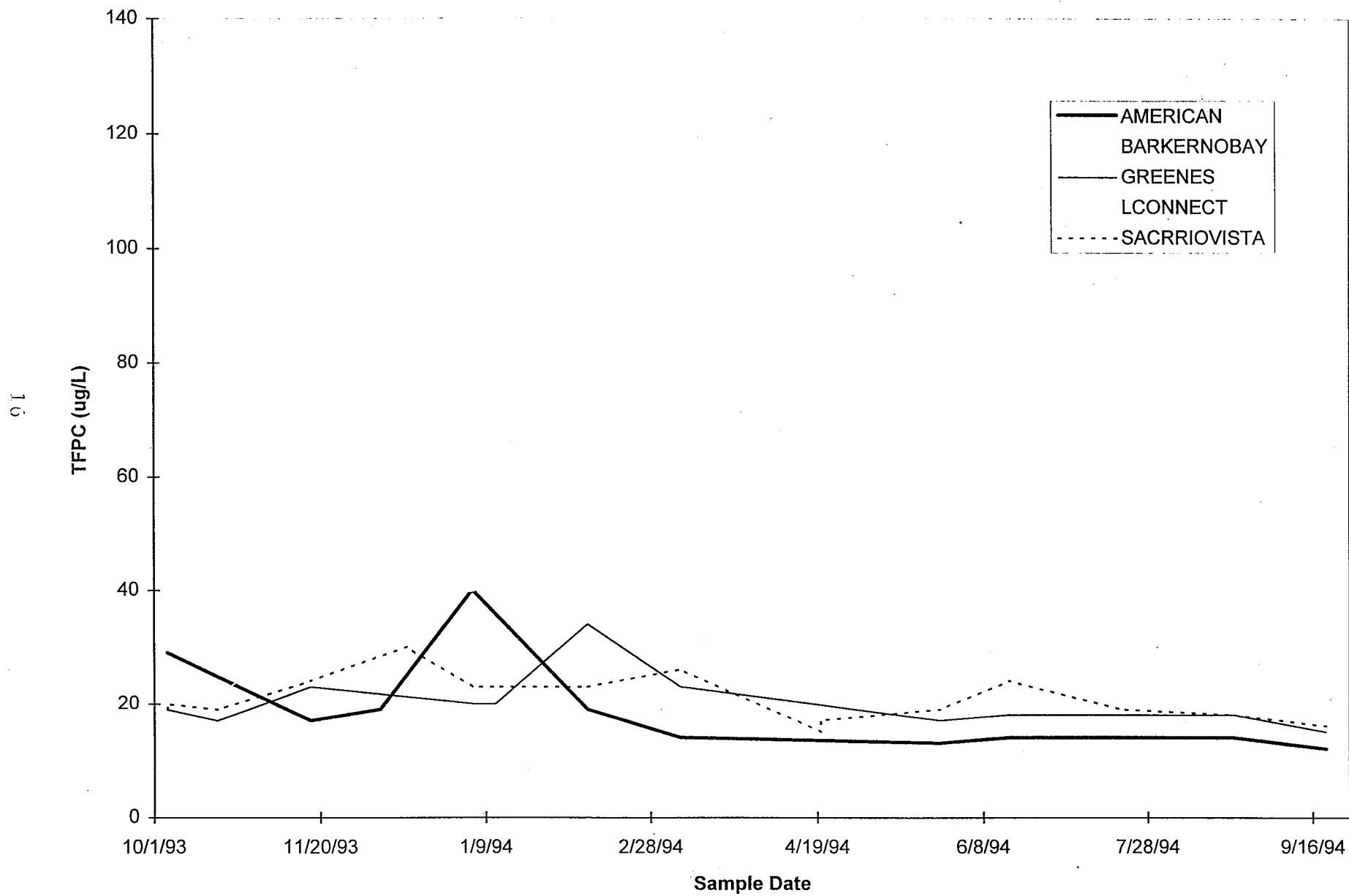
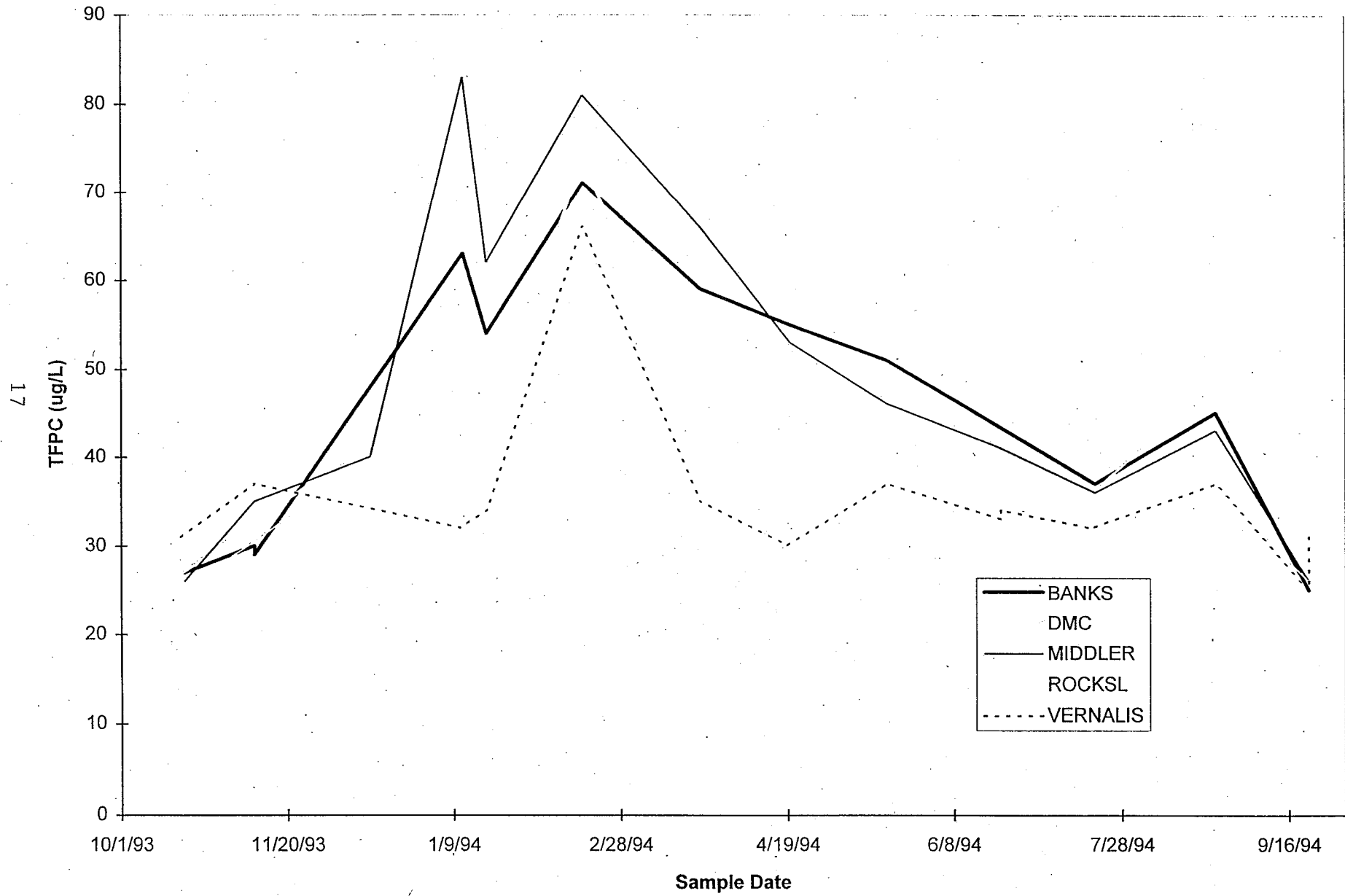


Figure 8: South Delta TFPC Ranges (10/93-9/94)



2. Minerals

Specific Conductance

The EC measurements at major channel stations are shown in Figures 9 and 10. EC fluctuated greatly depending on the station with the specific conductance for Barker North Bay pumping plant being the highest (233-494 microsiemens per centimeter). EC readings at the American River at the Water Treatment Plant intake were lowest at 50 microsiemens per centimeter. The fluctuating readings at Sacramento River at Rio Vista are a result of tidal influence at this station. The high readings at the North Bay Aqueduct pumping plant at Barker Slough in the spring and early summer months are probably a result of local agricultural drainage. The low specific conductance at the American River station shows no influence from bay tides.

In the South Delta, EC ranges shown in Figure 10 were higher than those in the North Delta, varying from 269 to 1000 microsiemens per centimeter. The EC readings at Harvey O. Banks pumping plant are less variable than the Delta-Mendota Canal because of the Clifton Court forebay operations. At the Delta-Mendota Canal, water is pumped continuously at the Tracy pumping plant regardless of tidal stage. The highest reading was at the San Joaquin River near Vernalis (at 1000 microsiemens per centimeter) which probably reflected upstream drainage discharges. The periodic high readings at the Delta-Mendota Canal result from seawater and San Joaquin River water entering the southern Delta.

Bromide

Figure 11 shows bromide ranges at North Delta channel stations. Bromide concentrations were highest at the Sacramento River at Rio Vista (0.01 to 0.12 mg/l) showing significant variation due to tidal influence. Bromide concentrations at Sacramento River at Greenes Landing, Little Connection Slough at Empire Tract, and the North Bay Aqueduct at Barker Slough ranged from below the reporting limit (currently 0.91 mg/l) to 0.10 mg/l. The bromide values at American River Treatment Plant remained at below the reporting limit throughout the year.

South Delta bromide ranges are shown in Figure 12. The patterns in bromide concentrations are similar to those seen in EC in the South Delta. There was a peak in bromide concentrations for all stations in September 1994. The highest peak in bromide concentration was at Rock Slough (0.74 mg/l) reflecting significant seawater intrusion during the dry months of 1994.

Figure 9: North Delta EC Ranges (10/93 to 9/94)

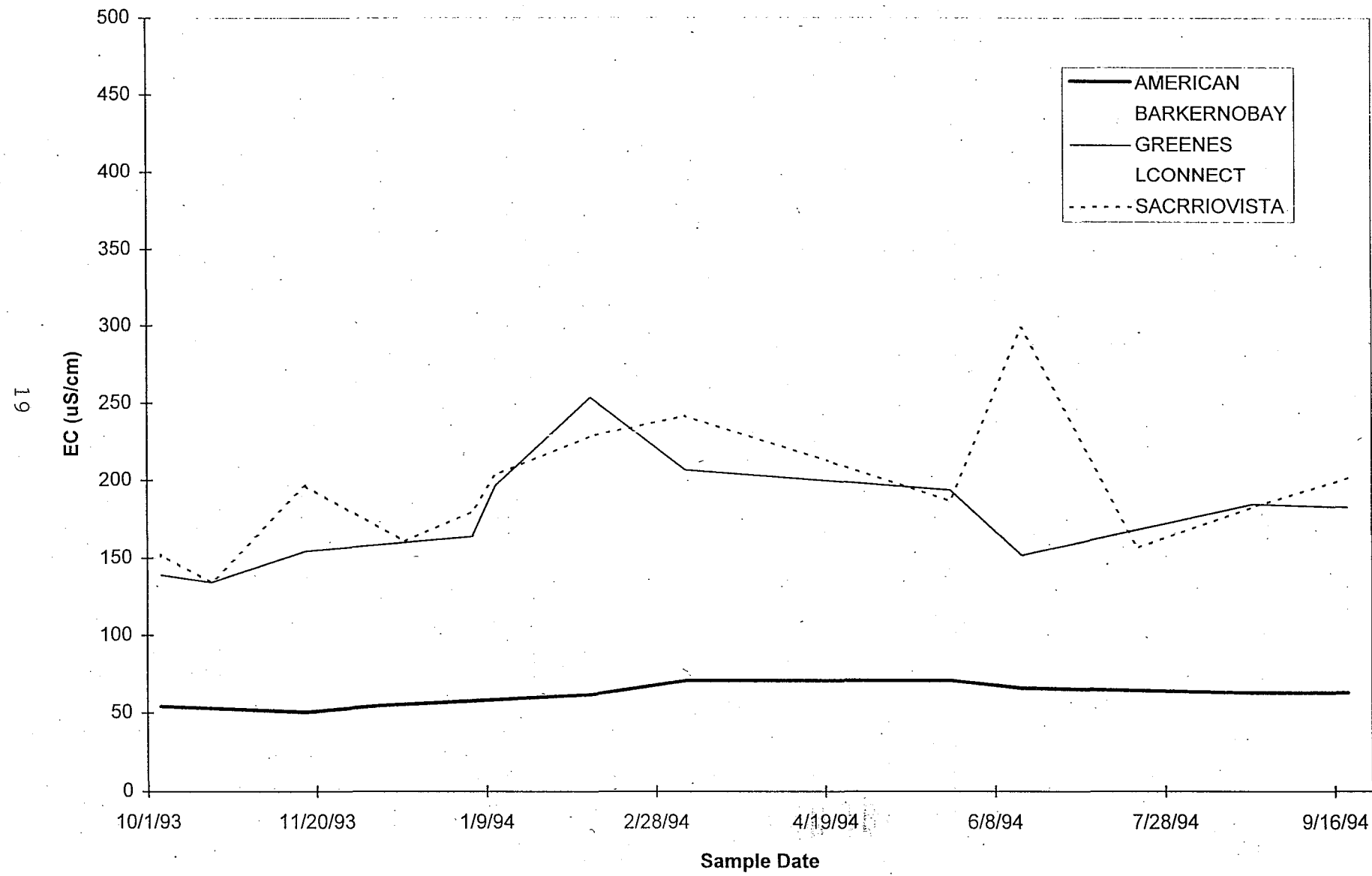


Figure 10: South Delta EC Ranges (10/93-9/94)

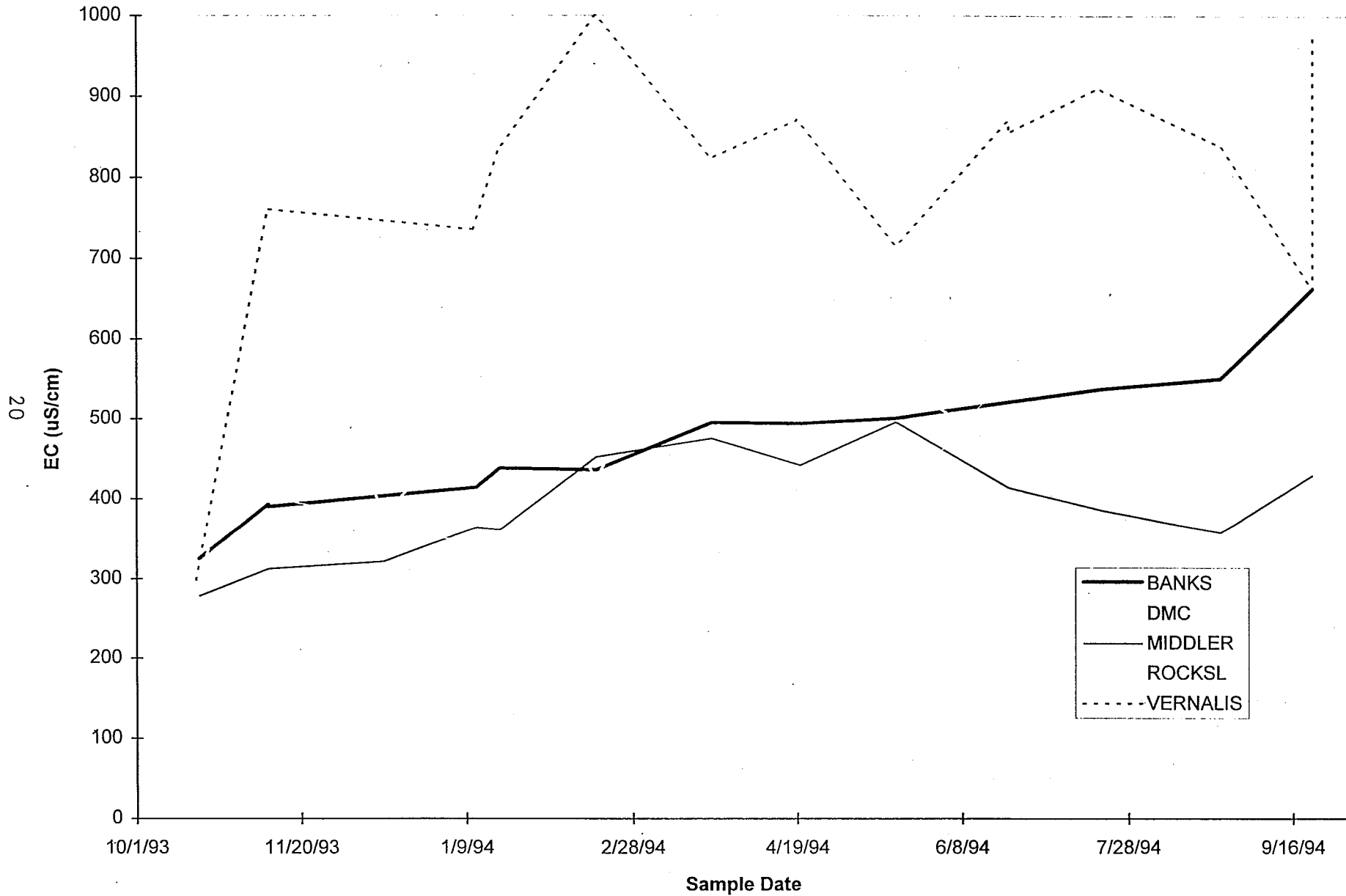
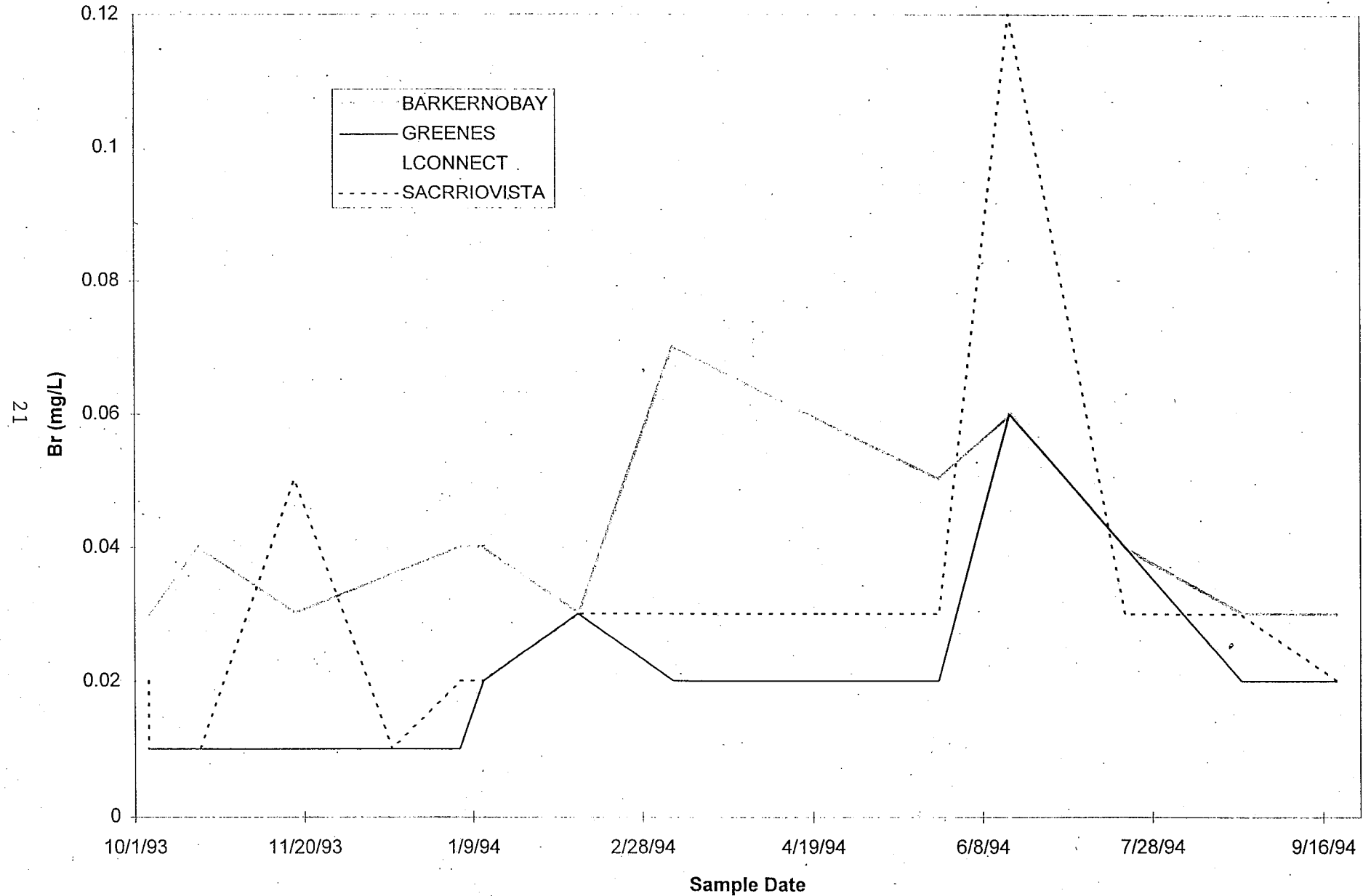
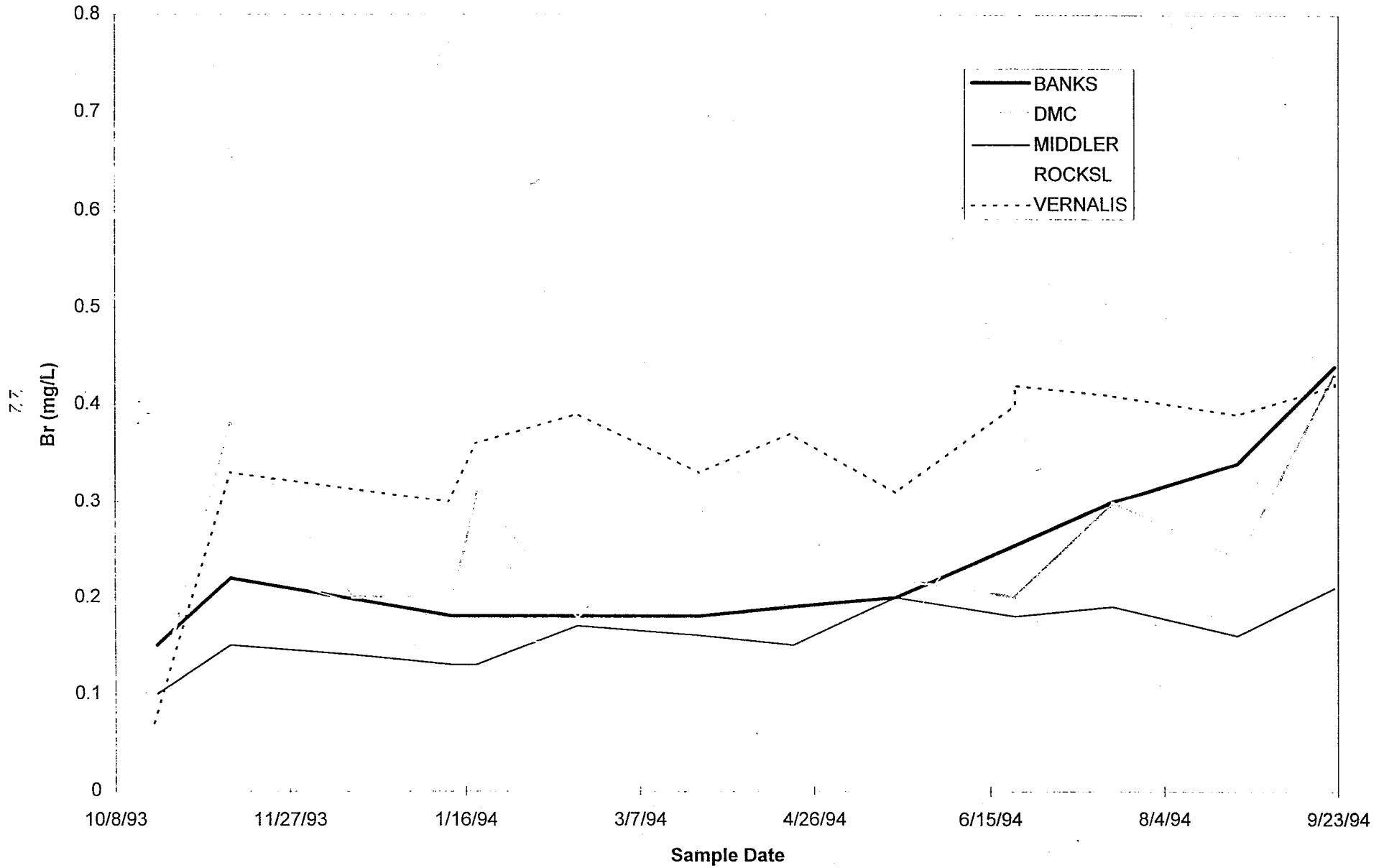


Figure 11: North Delta Bromide Ranges (10/93-9/94)



Br concentrations for American not shown. Br concentrations remained constant at <0.01 mg/L throughout the entire study period.

Figure 12: South Delta Bromide Ranges (10/93-9/94)



3. Metals

Copper and arsenic were analyzed at major channel stations. Copper analyses were consistently below the reporting limit (0.005 mg/l), with the exception being at Sacramento River, West Sacramento Intake station. At this station, copper was found at 0.011 mg/l on two dates, 6/16/94 and 7/19/94. The secondary maximum contaminant level for copper is 250 mg/l.

Arsenic was detected at some stations at low concentrations. For example, arsenic was detected at Banks pumping plant, Barker North Bay pumping plant, and Vernalis at a concentration of 0.003 mg/l, and at Greenes Landing at concentrations ranging from below the reporting limit of 0.001 mg/l to 0.002 mg/l. The current maximum contaminant level for arsenic is 0.050 mg/l.

B. Agricultural Drains

1. Organic Constituents

A comprehensive analysis of temporal and spatial patterns in DOC, TFPC, THM and UVA_{254 nm} was presented in the MWQI Five-Year Report 1987-1991. Patterns seen in Water Year 1994 followed those seen in earlier years. Figure 4.1 in the MWQI Five-Year Report 1987-1991 shows the different soil types in the Delta. According to this figure, soils are classified as either mineral, intermediate organic, or peaty.

Dissolved Organic Carbon

DOC concentrations for all agricultural drains sampled (see Figure 2) are shown in Figure 13. DOC concentrations ranged from 3.2 mg/l at the agricultural drain on Pescadero Tract pumping plant No. 1, to about 68.9 mg/l at an agricultural drain on Bouldin Island, pumping plant No. 1. The soil type on Pescadero Tract is classified as mineral, whereas the soil type on Bouldin Island is peaty.

In Figure 13, DOC concentrations were lowest in June through August and greatest in January. The January peak is likely due to rain and winter leaching.

Trihalomethane Formation Potential

During 1994, the THMFP ranged from 420 ug/l at the agricultural drain on Pescadero Tract, pumping plant No. 2 to 6300 ug/l at the agricultural drain on Bouldin Island, pumping plant No. 2 (see Figure 14).

Trihalomethane Formation Potential as Carbon

The TFPC values range from 33 ug/l at the agricultural drain on Pescadero Tract, pumping plant No. 1 to 620 ug/l at the agricultural drain on Jersey Island, pumping plant No. 1 (see Figure 15). The soil classified as mineral at Jersey Island pumping plant No. 1.

2. Mineral

Specific Conductance

Figure 16 shows EC ranges measured in the agricultural drains. EC values were mostly less than 3000 microsiemens per centimeter with occasional high values of 4000-6400 microsiemens per centimeter with the highest value at the agricultural drain at Clifton Court Forebay. Water draining into the Forebay are high in mineral salts because of mineral hot springs located upstream near Byron. The highest EC value occurred in January.

Summary of Agricultural Drain Results

The lowest values for DOC, THMFP and TFPC of the agricultural drains sampled occurred at Pescadero Tract, pumping plants No. 1 and 2, an area characterized as having mineral soils. The highest values for DOC, THMFP, and TFPC were seen at Bouldin Island, pumping plants No. 1 and 2, and at the Jersey Island pumping plant No. 1, areas characterized as having peaty and mineral soils, respectively.

The geographic variations in specific conductance (EC) are most likely resulting from tidal influence and irrigation water quality rather than soil type on the islands.

Figure 13: Agricultural Drain DOC Ranges (10/93-9/94)

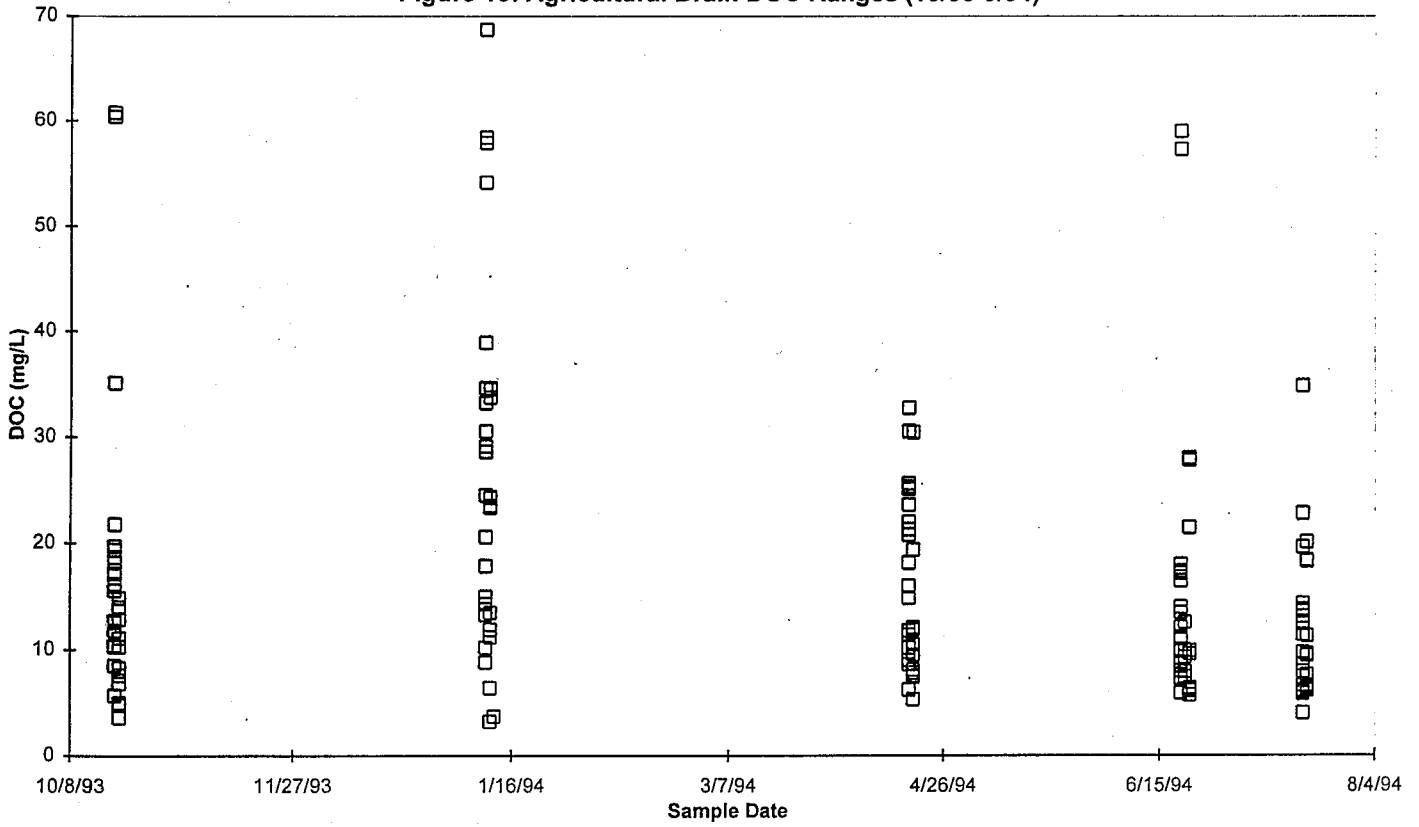


Figure 14: Agricultural Drain THMFP Ranges (10/93-9/94)

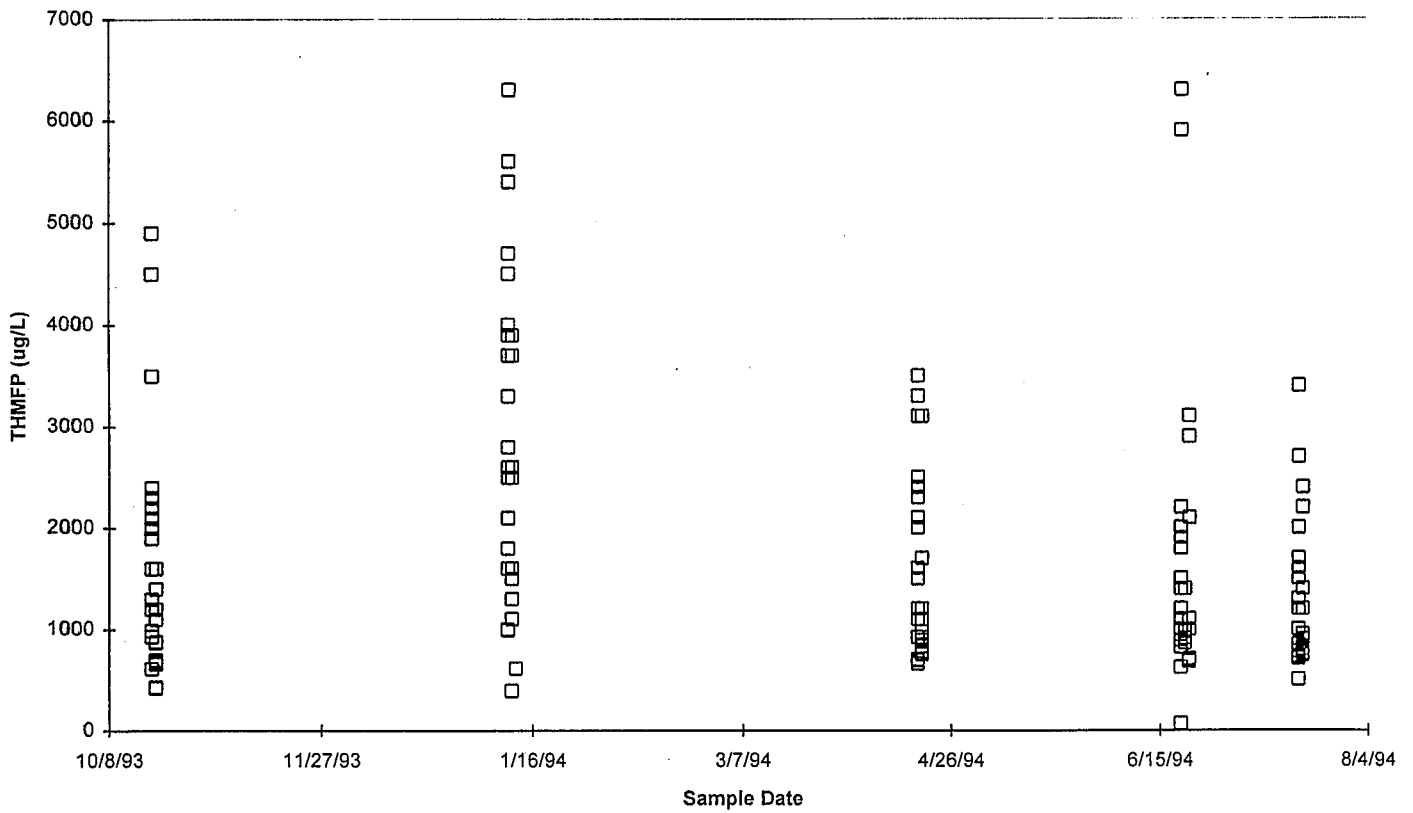


Figure 15: Agricultural Drain TFPC Ranges (10/93-9/94)

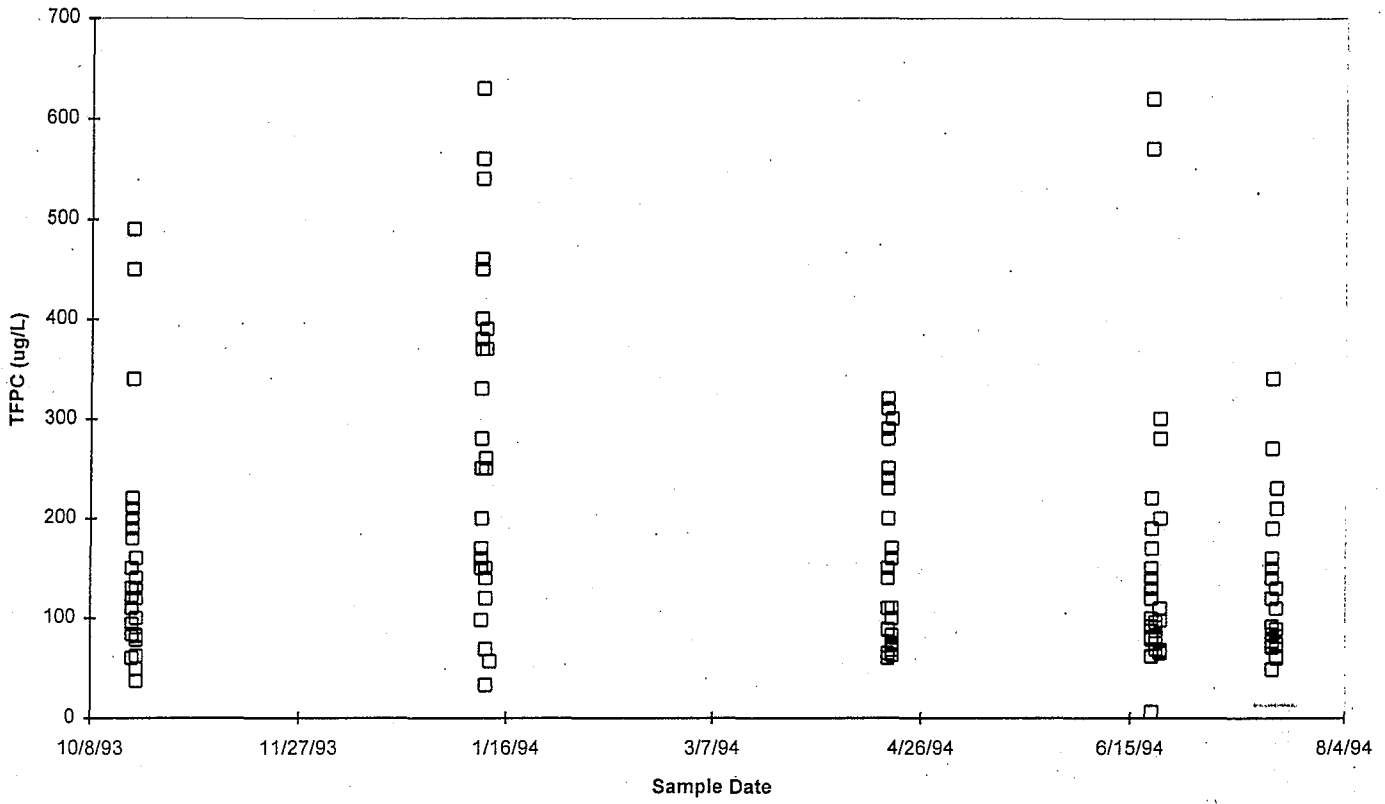
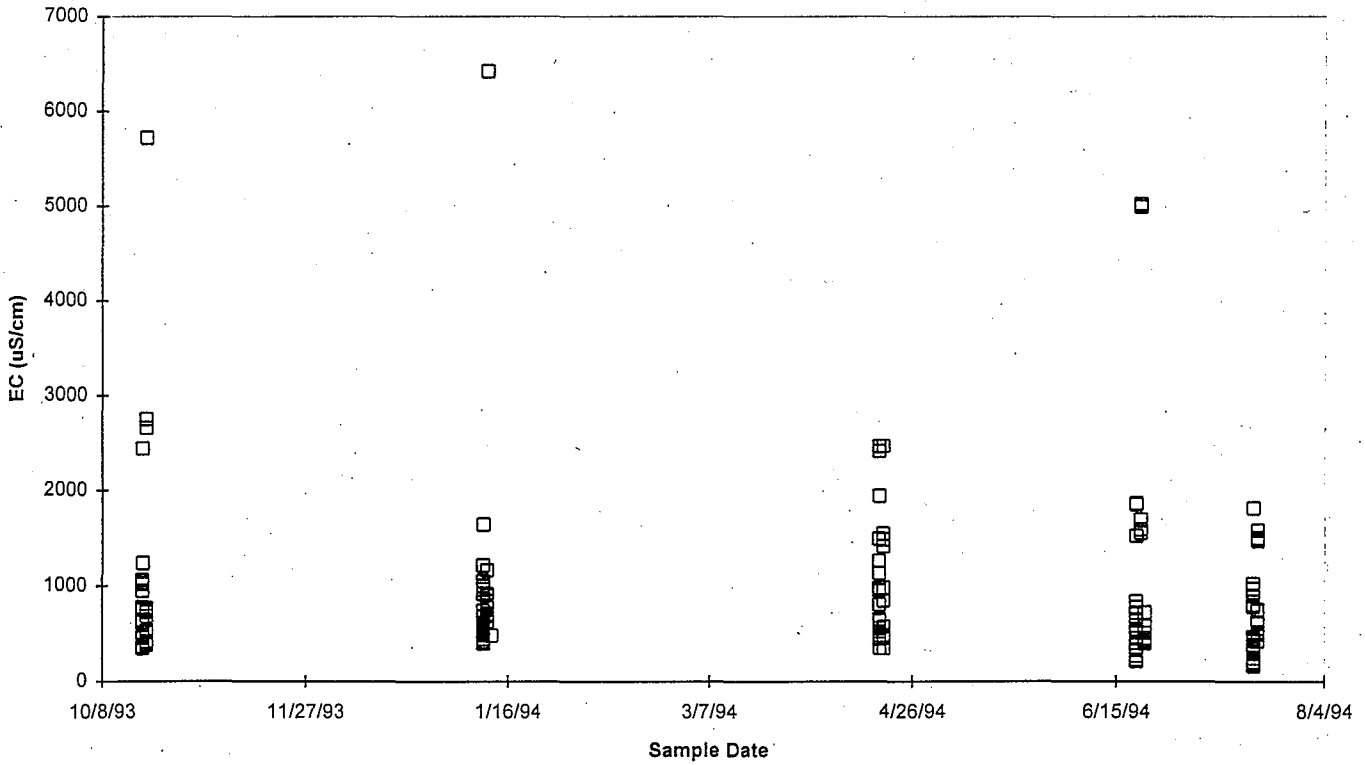


Figure 16: Agricultural Drain EC Ranges (10/93-9/94)



C. Autosamplers

1. Organic Constituents :

Dissolved Organic Carbon

The results of DOC analyses at the autosampler channel stations are shown in Figure 17. At the Middle River at Borden Highway station, DOC concentrations ranged from 2.5 mg/l to 8.9 mg/l, whereas the concentrations at the Sacramento River at Greene's Landing station were from 1.4 mg/l to 7.9 mg/l.

DOC concentrations at the autosampler agricultural drain stations are also shown in Figure 17. DOC concentrations ranged from 7.7 to 64.2 mg/l at the Mandeville Island pumping plant; the range at the Twitchell Island pumping plant was from 6.7 to 42.0 mg/l.

Ultraviolet Absorbance - UVA_{254 nm}

UVA_{254 nm} measurements at the autosampler channel stations, as shown in Figure 18, ranged from a low of 0.026 to a high of 0.257 at the Middle River at Borden Highway. Sacramento at Greene's Landing ranged from a low of 0.032 to a high of 0.217.

UVA_{254 nm} measurements at the autosampler agricultural drain stations (Figure 18) had a considerably higher range than the channel stations. At the Mandeville Island pumping plant, UVA was measured with a low of 0.306 and a high of 2.680. The Twitchell Island pumping plant had a low of 0.289 and a high of 1.840.

In general, UVA_{254 nm} values are proportional to DOC concentrations. Therefore, since DOC levels are much higher in drain water than river water, UVA_{254 nm} will also behave similarly

Total THM Formation Potential Carbon

Figure 19 shows the total trihalomethane formation potential concentrations as carbon for the autosampled channel stations. The range for Middle River at Borden Highway was from 30 to 94 ug/l; the range for Sacramento River at Greene's Landing was from 16 to 48 ug/l.

TFPC for the autosampler agricultural drain stations also is shown in Figure 19. The range for the Mandeville Island pumping plant was from 100 to 530 ug/l, while the range for the Twitchell Island pumping plant was from 85 to 470 ug/l.

Figure 17: Autosampler DOC Ranges (10/93-9/94)

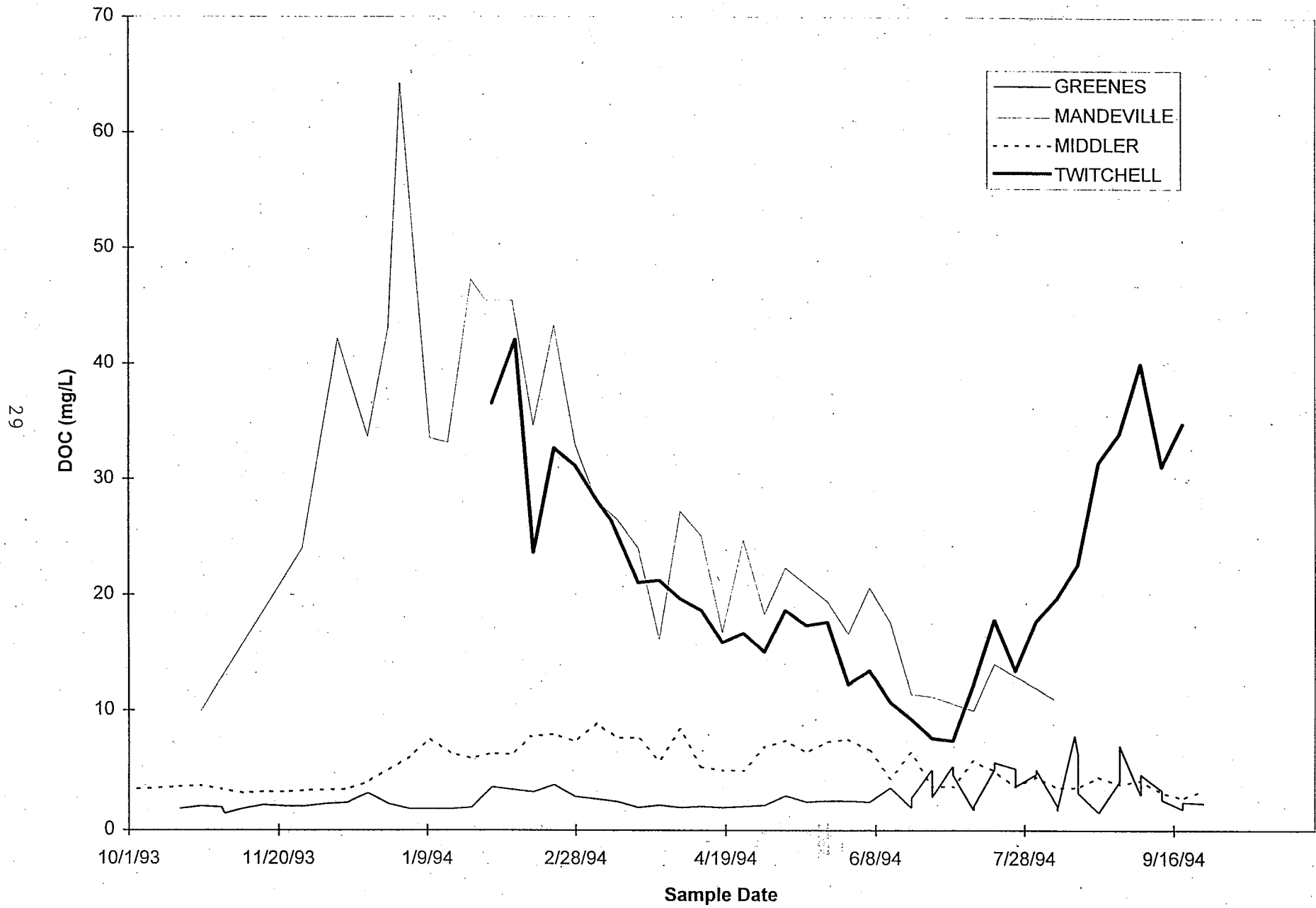


Figure 18: Autosampler UVA Ranges (10/93-9/94)

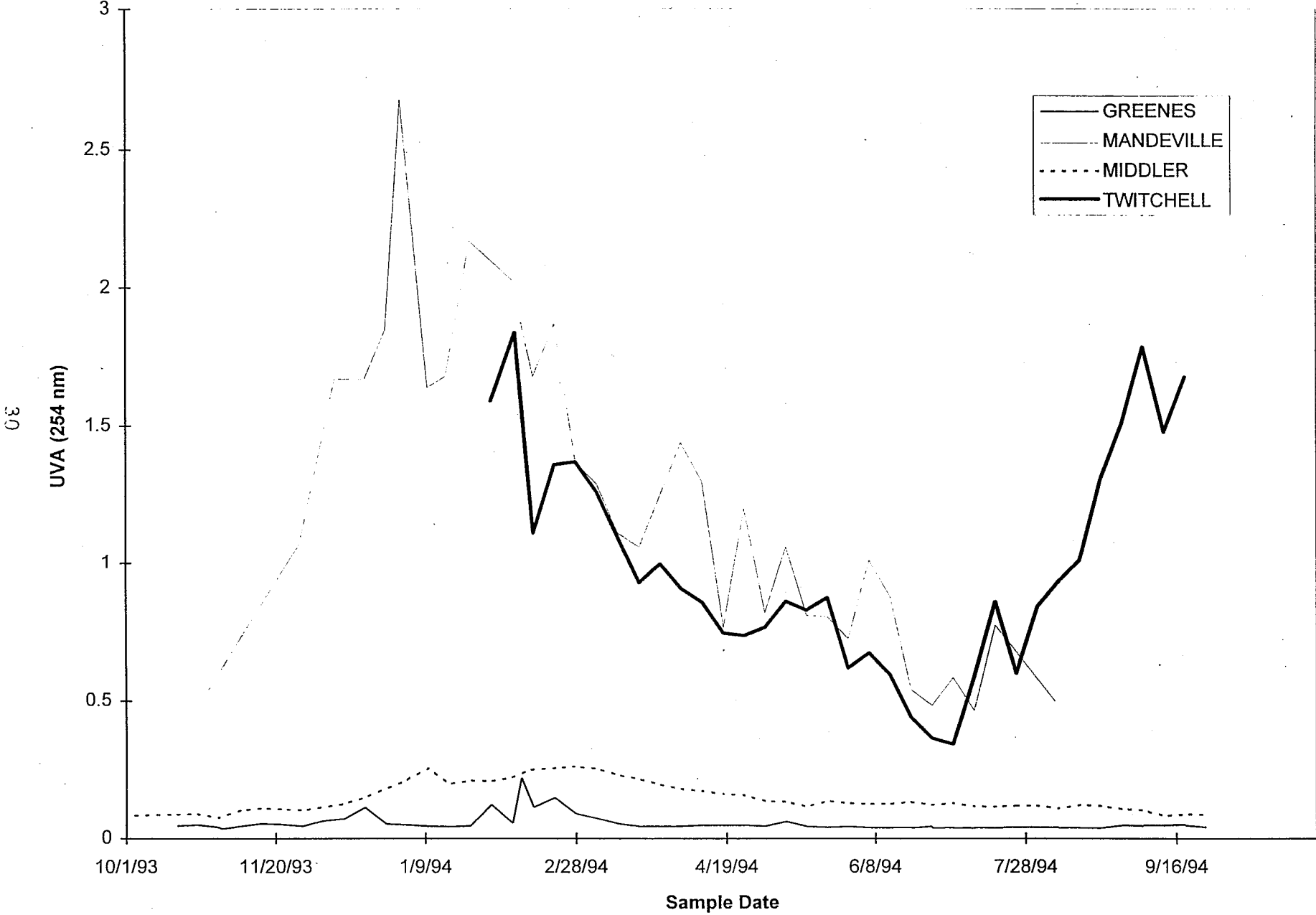
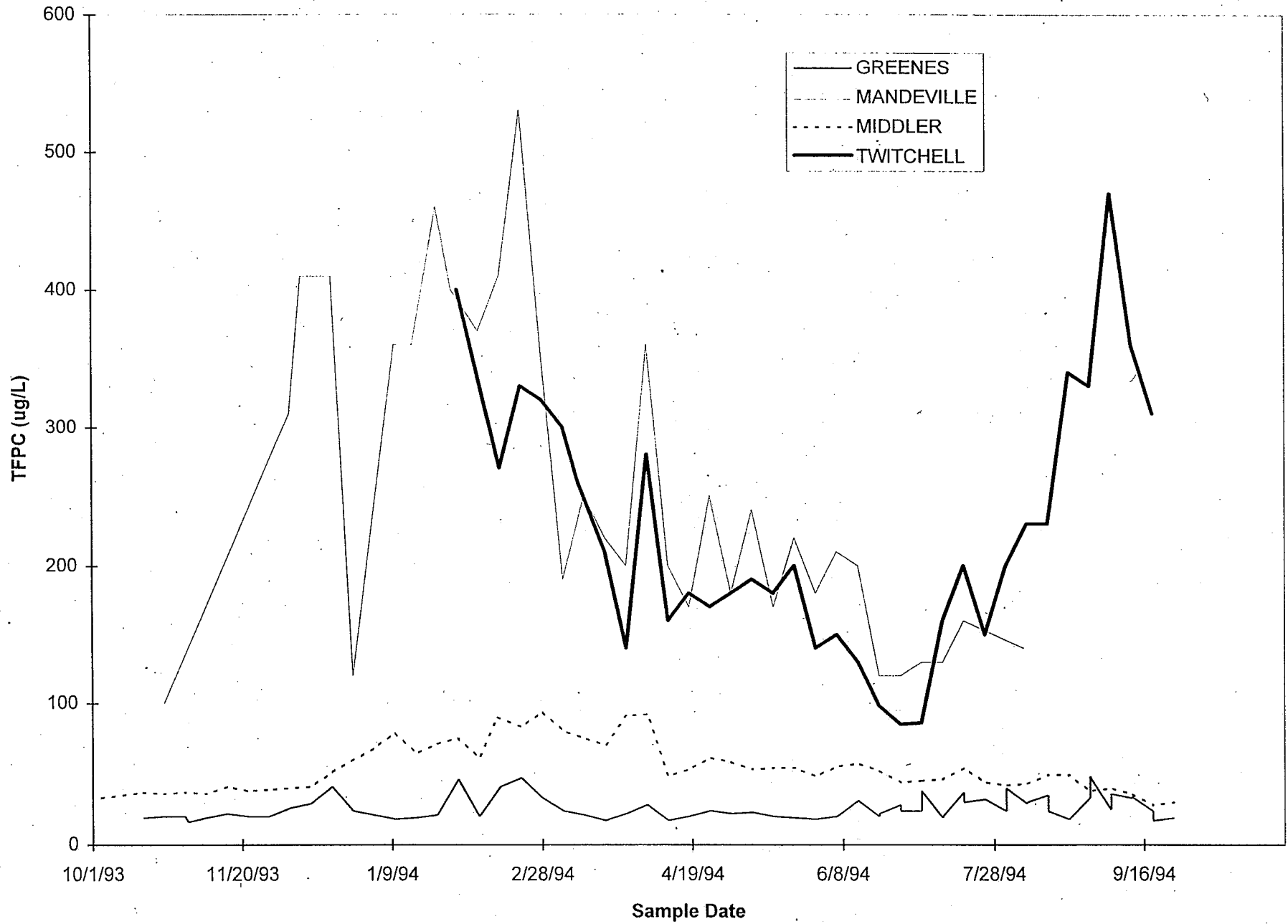




Figure 19: Autosampler TFPC Ranges (10/93-9/94)

16



Appendix A.
Data Quality Review

APPENDIX A. DATA QUALITY REVIEW

This data quality review covers MWQI Quality Assurance/Quality Control data from the 1994 water year (October 1993 to September 1994). The data quality review involved comparing data from the quality control samples against acceptable control limits. Data that fell outside these control limits were flagged.

Two environmental laboratories provided analyses of MWQI water samples during the 1994 water year. DWR's Bryte Chemical Laboratory analyzed water samples for minerals, minor elements and some organics. The analytical methods used are shown on Table A-8 and Table A-9. Clayton Environmental Consultants (Clayton), Pleasanton, California, performed trihalomethane formation potential (TFPC) analyses with EPA Method 502.2 which had acceptance limits of 80-120 percent (except for chlorine recoveries where Standard Method 4500-Cl-B with control limits of 75-125 percent were used).

QC data from Bryte were manually compiled to achieve at least a 20 percent random representation. The QC data from Clayton enabled a 100 percent review of the QC data reported

The TFPC data quality review indicated Clayton had contamination problems in their method blanks in November 1993 through February 1994. The QC information provided by Clayton indicated that there was difficulty in locating an acceptable source of de-ionized (DI) water for their dilutions and method blanks. Clayton took corrective actions before analyzing the environmental samples.

The available QC data indicated that overall Bryte's mineral and minor elements analyses were of acceptable quality. The laboratory is in the process of automating their data reporting procedures to enable easier access to their QC data. The results of the data quality review are presented in more detail below.

A. Sample Holding Times

The date from when the TFPC samples were spiked to the date they were quenched was the incubation period and should not have exceeded seven days. The samples had to be analyzed within fourteen days of quenching. This 14-day period was the holding time.

1. Clayton Environmental Consultants

One hundred and forty-four samples out of five hundred and sixty environmental samples (26 percent) were reviewed (Table A-1). There were no holding time exceedances.

Table A-1: Frequency of Holding Time Exceedances for Clayton Environmental Consultants

Analyte	Holding Time (days)	No. of samples reviewed	Samples outside holding times	Frequency of Samples out of Limits (%)
Bromodichloromethane	14	144	0	0
Bromoform	14	144	0	0
Chloroform	14	144	0	0
Dibromochloromethane	14	144	0	0

2. Bryte Chemical Laboratory

Minerals

Twenty five percent of mineral data (120 out of 478 samples) were reviewed for holding times (Table A-2). There were no holding time exceedances.

Minor Elements

Thirty-five samples out of approximately one hundred and forty (25 percent) were reviewed (Table A-2). There were no holding time exceedances.

Table A-2: Frequency of Holding Time Exceedances for Bryte Chemical Laboratory

Analyte	Holding Time (days)	No. of samples reviewed	Samples outside holding times	Frequency of Exceedances (%)
Standard Minerals	180	120	0	0
Minor Elements	180	35	0	0
Bromide	14	35	0	0

B. Method Blanks

The purpose of the method blanks was to detect and quantify contamination introduced through sample preparation or analysis procedure (some 'background noise' is allowed).

1. Clayton Environmental Consultants

All the method blanks (100 percent) performed in the study period were reviewed (Table A-3). There were some contamination problems as previously described on the dates shown in Table A-4. The laboratory took corrective action before analyzing the environmental samples, resulting in the data being of acceptable quality.

Table A-3: Contamination Frequency of Clayton Environmental Consultants Method Blanks

Analyte	Acceptance Limits (μ/l)	Total Analyses Performed	Analyses Outside Limits	Frequency of Samples out of Limits (%)
Bromodichloromethane	5	82	8	10
Bromoform	5	82	0	0
Chloroform	20	82	10	12
Dibromochloromethane	5	82	0	0

Table A-4: Method Blank Contamination Dates for Clayton Environmental Consultants

Analyte	Acceptance Limits (μ/l)	Method Blank Recovery (μ/l)*	Sample Date	Analysis Date
Bromodichloromethane	5	18,20	5/24/94	8/2/94
Bromodichloromethane	5	15	6/13/94	8/3/94
Bromodichloromethane	5	20	6/24/94	8/3/94
Bromodichloromethane	5	31, 30, 33, 34	1/12/94	2/28/94
Chloroform	20	25	10/19/93	11/8/93
Chloroform	20	32, 31, 33, 30	10/18/93	11/15/93
Chloroform	20	66, 71	6/24/94	8/2/94
Chloroform	20	29	12/15/93	1/7/94
Chloroform	20	58	6/3/94	8/3/94
Chloroform	20	34	12/20/93	1/7/94

* Only method blank recoveries that were outside the control limits are shown.

2. Bryte Chemical Laboratory

According to laboratory personnel, method blank analyses were performed and corrective actions were taken when contamination problems were detected. When method blanks showed contamination, it was Bryte's procedure to halt the environmental samples analyses until the method blank corrective actions were instituted. Although Bryte had no method blank records, its system for corrective actions resulted in no contamination from instrument or operator error. The process of recording and reporting method blanks will be instituted with the new laboratory data management system being developed.

C. Field Blanks

1. Clayton Environmental Consultants

Field blank samples were not collected for TFPCs.

2. Bryte Chemical Laboratory

Field blanks were used to monitor contamination originating from the collection, transportation and storage of environment samples. Laboratory prepared blank water was supplied to the field personnel who processed it in the same manner as environmental samples—including filtration. The data in Table A-5 are for the filtered field blanks. All of the 58 filtered blanks analyses performed were reviewed, and none was contaminated indicating acceptable field operating procedures.

Table A-5: Filtered Field Blank Contamination Results for Bryte Chemical Laboratory

Analyte	No. of samples reviewed	Samples outside limits	Frequency of Exceedances (%)
Standard Mineral	58	0	0
Minor Element	58	0	0

Laboratory prepared blank water was taken to the field and processed in the normal manner except it was not taken through the filtration process. These unfiltered field blanks were used to monitor cross-contamination from containers and preservative (Table A-6). There was no indication of cross-contamination.

Table A-6: Unfiltered Field Blank Contamination Results for Bryte Chemical Laboratory

Analyte	No. of samples reviewed	Samples outside limits	Frequency of Exceedances (%)
Standard Mineral	58	0	0
Minor Element	58	0	0

D. Matrix Spike Recoveries

Matrix spike recoveries indicate the accuracy of recovering a known concentration of substance in the matrix. The results of a matrix spike indicate the accuracy of recovery given the interference peculiar to any given matrix. The percent recovery must fall within acceptable limits

1. Clayton Environmental Consultants

All the matrix spikes recoveries reported by Clayton (100 percent) were reviewed, (Table A-7). One bromodichloromethane spike and one dibromochloromethane spike were lower than the control limits (77 percent and 74 percent respectively). Ninety-nine percent of the recoveries were within the acceptable control limits. This indicated that good accuracy was obtained for the environmental samples and that interference from the matrix was unlikely.

Table A-7: Matrix Spike Recovery for Clayton Environmental Consultants

Analyte	Method Control Limit (%)	Total Analyses Performed	Analyses Outside Limits	Frequency of Samples out of Limits (%)
Bromodichloromethane	80-120	81	1	1
Bromoform	80-120	81	0	0
Chloroform	80-120	81	0	0
Dibromochloromethane	80-120	81	1	1

2. Bryte Chemical Laboratory

Minerals

Twenty-five percent of the standard mineral QC matrix spike recoveries were reviewed. All the parameters measured were all within the control limits.

Table A-8: Standard Mineral Matrix Spike Recovery for Bryte Chemical Laboratory

Analyte	Method Control Limits (%)	Method (EPA)*	Total Analyses Reviewed	Analyses Outside Limits	Frequency of Samples out of Limits (%)
Na	82-116	273.1	45	0	0
Cl	89-114	325.2	98	0	0
Se	74-121	270.3	28	0	0
Ca	84-117	215.1	51	0	0
Mg	86-113	242.1	58	0	0
K	80-120	258.1	59	0	0
ALK	88-111	310.1	42	0	0
SO4	82-120	375.2	99	0	0
B	92-111	USGS 1-2115-85	96	0	0
Br	82-118	300.0	48	0	0

Minor Elements

Twenty-five percent (30 out of about 120) of the minor element QC matrix spike recoveries were reviewed (Table A-9). All were within the acceptable control limit.

Table A-9: Minor Element Matrix Spike Recovery for Bryte Laboratory

Analyte	Method Control Limits (%)	Method (EPA)*	Total Analyses Reviewed	Analyses Outside Limits	Frequency of Samples out of Limits (%)
As	77-121	260.3	18	0	0
Fe	82-119	236.2	14	0	0
Cr	86-122	218.5	6	0	0
Cu	80-116	220.2	25	0	0

E. Matrix Spike Duplicate Recoveries

Matrix spike duplicate results indicate the precision of the analytical method in a given matrix. The difference between the duplicate samples is reported as a relative percent difference (RPD). This difference is compared against the individual laboratory control limit as a conservative approach to determining precision.

1. Clayton Environmental Consultants

All of the matrix spike duplicates reported by Clayton during the study period were reviewed (Table A-10). All were within the acceptable control limits.

Table A-10: Matrix Spike Duplicate Recovery for Clayton Environmental Consultants

Analyte	Acceptable RPD's (%)*	Total Analyses Performed	Analyses Outside Limits	Frequency of Samples out of Limits (%)
Bromodichloromethane	20	81	0	0
Bromoform	20	81	0	0
Chloroform	20	81	0	0
Dibromochloromethane	20	81	0	0
Chlorine	20	64	0	0

*RPD: Relative Percent Difference

2. Bryte Chemical Laboratory

Bryte Laboratory was in the process of revising their reporting procedures. As a result, no data were available.

F. Laboratory Control Samples

Laboratory control samples (LCS) recoveries were used to assess the accuracy of the analytical method. A known concentration of analyte was spiked into a clean medium and then analyzed. The results were compared to the laboratories' control limits.

1. Clayton Laboratory

Laboratory control samples (LCS) recoveries were used to assess the accuracy of the analytical method. A known concentration of the analyte was spiked into a clean medium (DI water) and then analyzed. The results were compared to the laboratory's control limits. All of the eighty-one LCS analyses reported by Clayton were reviewed. All were within the acceptable control limits (Table A-11) indicating good TFPC recoveries.

Table A-11: Laboratory Control Sample Recovery for Clayton Laboratory

Analyte	Method Control Limit (%)	Total Analyses Performed	Analyses Outside Limits	Frequency of Samples out of Limits (%)
Bromodichloromethane	80-120	81	0	0
Bromoform	80-120	81	0	0
Chloroform	80-120	81	0	0
Dibromochloromethane	80-120	81	0	0

2. Bryte Chemical Laboratory

Minerals

Approximately 30 percent of mineral QC batches were reviewed (Table A-12). All of the LCS recoveries were within the acceptable control limits indicating good recovery for minerals.

Table A-12: Standard Mineral LCS Recovery for Bryte Chemical Laboratory

Analyte	Method Control Limits (%)	Total Analyses Reviewed	Analyses Outside Limits	Frequency of Samples out of Limits (%)
Na	85-115	28	0	0
Cl	85-115	46	0	0
Se	80-120	15	0	0
Ca	85-115	37	0	0
Mg	85-115	40	0	0
K	85-115	31	0	0
ALK	85-115	39	0	0
SO4	85-115	47	0	0
TOC	85-115	51	0	0

Minor Elements

Approximately 30 percent of minor elements QC analyses were reviewed, Table A-13. (Note: not all analytes were analyzed for in every QC batch). They were all within the acceptable recovery limits indicating good recovery for minor elements.

Table A-13: Minor Element LCS Recovery for Bryte Chemical Laboratory

Analyte	Method Control Limits (%)	Total Analyses Reviewed	Analyses Outside Limits	Frequency of Samples out of Limits (%)
As	80-120	20	2	10
Fe	85-115	2	0	0
Cr	85-115	2	0	0
Cu	85-115	6	0	0

Appendix B.

MWQI Data

APP TFFC DATA REPORT

07/27/95
PAGE 1

LAB#	STA. NAME	SAMP. DATE	TIME	TEMP °C	pH	DO mg/L	EC uS/cm	TURB T.U.	COLOR C.U.	TOC mg/L	DOC mg/L	UVA mg/L	THMFP ug/L	TFFC ug/L
931696	AGDCLIFTON	10/19/93	9:00	16.3	7.2	5.8	5720	39	120		7.6	0.410	1200	78
940059	AGDCLIFTON	01/11/94	9:00	12.7	7.3	6.1	6420	34	80		6.4	0.316	1100	69
940624	AGDCLIFTON	04/19/94	7:07	15.3	7.3	8.7	2460	16	50		7.4	0.271	920	63
941161	AGDCLIFTON	06/21/94	10:25	20.8	7.3	4.9	5020	32	120		10.0	0.407	1400	96
941167	AGDCLIFTON	06/21/94	10:25	20.8	7.3	4.9	4990	32	100		9.3	0.413	1400	91
941349	AGDCLIFTON	07/19/94	8:06	20.4	6.9	7.1	740	54	60		9.5	0.315	900	82
931684	AGDEMPIRE	10/18/93	8:30	16.2	7.3	4.4	2440	13	125		15.6	0.608	2400	180
940043	AGDEMPIRE	01/10/94	8:45	9.0	6.7	3.8	486	2	200		28.6	1.280	3300	330
940047	AGDEMPIRE	01/10/94	8:45	9.0	6.7	3.8	485	1	160		29.1	1.280	5400	540
940608	AGDEMPIRE	04/18/94	10:20	19.7	7.6	6.8	2410	28	200		25.1	0.990	3500	280
940612	AGDEMPIRE	04/18/94	10:20	19.7	7.6	6.8	2460	18	200		25.3	0.989	3500	290
941126	AGDEMPIRE	06/20/94	10:45	22.4	6.7	6.2	637	6	120		17.2	0.757	2000	190
941337	AGDEMPIRE	07/18/94	7:25	20.5	6.8		468	2	160		22.8	1.130	2700	270
931629	AMERICAN	10/05/93	10:40	17.8	7.0	6.7	54	1	15		2.5	0.070	290	29
931914	AMERICAN	11/17/93	11:50	13.5	7.8	9.7	50	-1	10		1.5	0.032	170	17
931993	AMERICAN	12/08/93	8:15	12.9	6.3	10.1	54	2	15		1.8	0.031	190	19
940024	AMERICAN	01/05/94	13:55	10.5	7.9	11.0	57	1	5		1.6	0.031	430	40
940274	AMERICAN	02/09/94	14:00	11.0	7.6	13.4	61	2	10		2.0	0.055	190	19
940428	AMERICAN	03/09/94	11:40	13.1	8.0	10.9	70	1	5		1.5	0.018	140	14
940815	AMERICAN	05/26/94	7:20	17.4	7.7	8.9	70	2	5		1.5	0.030	130	13
941062	AMERICAN	06/16/94	7:20	15.1	7.9	9.1	65	2	10		1.4	0.028	140	14
941755	AMERICAN	08/23/94	13:20	23.7	7.8	8.1	62	-1	5		1.4	0.028	140	14
941895	AMERICAN	09/20/94	8:46	21.8	7.5	5.2	62	1	5		1.7	0.030	120	12
931705	BACONO1	10/19/93	8:24	15.0	6.2	3.2	682	40	160		11.1	0.540	1400	130
940068	BACONO1	01/11/94	10:10	9.1	7.1	6.7	770	36	200		11.9	0.565	1500	140
940634	BACONO1	04/19/94	8:10	17.1	7.3	8.9	572	105	300		11.9	0.694	1200	110
941177	BACONO1	06/22/94	8:00	19.9	7.1	6.9	453	29	100		6.4	0.270	710	68
941359	BACONO1	07/19/94	7:30	21.0	7.7	6.4	501	24	100		7.6	0.344	950	89
931706	BACONO2	10/19/93	8:49	13.9	6.3	7.5	379	11	140		14.0	0.662	1600	160
940069	BACONO2	01/11/94	10:30	8.3	6.8	7.2	841	37	250		24.3	1.030	2500	250
940635	BACONO2	04/19/94	8:25	16.7	7.3	7.5	478	24	75		7.8	0.335	780	75
941178	BACONO2	06/22/94	8:15	19.5	7.1	7.2	446	23	100		6.1	0.248	680	65
941360	BACONO2	07/19/94	8:00	20.5	7.1	7.1	498	18	70		6.1	0.264	800	74
931641	BANKS	10/14/93	10:00	19.7	7.6	6.7	328	6	20		2.6	0.079		
931712	BANKS	10/20/93	8:25	18.0	7.5	9.1	325	6	30		2.8	0.088	300	27
931850	BANKS	11/10/93	10:50	15.2	8.0	9.2	390	3	25		2.5	0.093	330	29
931853	BANKS	11/10/93	10:50	15.2	8.0	9.2	393	3	30		2.6	0.090	340	30
932027	BANKS	12/15/93	8:40	10.2	7.8	10.2	465	4	20		3.1	0.104	420	37
940075	BANKS	01/12/94	10:20	7.5	6.5	10.4	414	4	30		4.8	0.173	670	63
940196	BANKS	01/19/94	11:15	9.8	7.3	9.1	438	5	30		4.5	0.165	570	54
940317	BANKS	02/17/94	10:40	11.4	7.6	10.9	436	11	50	6.0	5.6	0.215	740	71
940498	BANKS	03/24/94	10:15	14.5	6.8	9.7	495	4	30		5.7	0.194	630	59
940641	BANKS	04/20/94	9:10	18.5	7.9	8.5	494	2	15		5.2	0.166	590	55
940857	BANKS	05/19/94	9:28	17.2	7.8	8.7	501	4	25		4.8	0.145	560	51
941024	BANKS	06/22/94	10:20	20.2	7.8	8.6	565	12	50		4.2	0.134	510	46
941084	BANKS	06/22/94	10:20							4.4				
941366	BANKS	07/20/94	9:45	23.8	8.2	8.1	538	7	25		3.4	0.112	420	37
941769	BANKS	08/25/94	10:30	23.3	8.1	7.7	551	8	25		3.5	0.116	530	45
941906	BANKS	09/22/94	10:30	22.5	7.7	5.6	663	4	20		3.3	0.089	320	25
941909	BANKS	09/22/94	10:30	22.5	7.7	5.6	663	5	15		2.7	0.085	320	25
931631	BARKERNOBAY	10/05/93	6:15	15.0	7.8	6.5	256	21	50		3.5		440	44

Note: Negative values signify reporting limits. Concentration of analyte below reporting limit.

TFPC DATA REPORT

07/27/95
PAGE 2

LAB#	STA. NAME	SAMP. DATE	TIME	TEMP °C	pH	DO mg/L	EC uS/cm	TURB T.U.	COLOR C.U.	TOC mg/L	DOC mg/L	UVA mg/L	THMFP ug/L	TFPC ug/L
931727	BARKERNOBAY	10/20/93	9:25	16.8	7.3	7.9	305	21	70		4.3	0.134	490	48
931916	BARKERNOBAY	11/17/93	7:18	9.8	6.3	9.4	233	19	40		3.1	0.116	370	37
931995	BARKERNOBAY	12/16/93	8:05	9.8	7.3	10.4	367	14	100		5.6	0.186	710	70
940026	BARKERNOBAY	01/05/94	12:05	8.5	7.6	10.5	328	10	25		3.1	0.101	410	40
940090	BARKERNOBAY	01/12/94	9:12	7.9	7.8	10.9	320	9	30		3.2	0.099	440	44
940276	BARKERNOBAY	02/09/94	12:35	11.1	7.6	9.8	358	80	200		12.8	0.577	1400	140
940430	BARKERNOBAY	03/09/94	7:30	14.2	7.5	8.5	494	21	60		4.8	0.141	510	50
940656	BARKERNOBAY	04/20/94	8:30	17.7	7.6	8.5	406	18	35		4.0	0.122	410	40
940817	BARKERNOBAY	05/26/94	8:25	18.9	7.7	8.0	355	30	60		4.0	0.145	510	50
941061	BARKERNOBAY	06/16/94	6:30	19.3	7.5	7.7	296	36	100		3.4	0.126	430	43
941064	BARKERNOBAY	06/16/94	8:25	19.3	7.5	7.7	290	35	80		3.4	0.120	430	43
941381	BARKERNOBAY	07/20/94	6:30	18.7	7.9	9.1	259	32	60		3.6	0.153	470	46
941754	BARKERNOBAY	08/23/94	8:30	20.8	7.8	7.4	239	24	50		3.6	0.123	430	42
941757	BARKERNOBAY	08/23/94	8:30	20.8	7.8	7.4	239	24	40		3.6	0.123	430	42
941897	BARKERNOBAY	09/20/94	10:13	20.8	7.5	5.1	264	18	35		4.2	0.128	520	46
931686	BOULDIN1	10/18/93	10:20	16.9	7.4	7.9	510	8	125		16.0	0.681	1600	150
940049	BOULDIN1	01/10/94	13:00	9.5	6.9	3.6	445	8	300		68.7	2.120	5600	560
940614	BOULDIN1	04/18/94	7:50	18.5	7.1	2.4	454	21	200		20.8	0.940	2000	200
941128	BOULDIN1	06/20/94	8:30	19.9	6.7	5.6	227	11	80		7.3	0.326	820	81
941333	BOULDIN1	07/18/94	10:40	21.7	7.3		161	8	60		5.8	0.265	710	71
941339	BOULDIN1	07/18/94	10:40	21.7	7.3		161	8	60		6.0	0.275	730	72
931680	BOULDIN2	10/18/93	10:45	17.4	6.9	3.1	457	7	250		60.4	2.750	4900	490
931687	BOULDIN2	10/18/93	10:45	17.4	6.9	3.1	466	7	500		60.8	2.720	4500	450
940050	BOULDIN2	01/10/94	13:30	8.7	7.2	6.4	413	7	400		57.9	2.510	6300	630
940615	BOULDIN2	04/18/94	8:30	18.5	7.5	6.7	443	11	350		32.7	1.660	3300	320
941129	BOULDIN2	06/20/94	9:10	21.1	6.6	6.1	334	16	200		16.5	0.766	1900	190
941340	BOULDIN2	07/18/94	9:20	22.3	7.5		204	5	100		12.4	0.587	1600	160
931677	BRANNANPP01	10/18/93	10:20	15.9	7.2	5.4	347	12	150		12.6	0.607	1300	130
940040	BRANNANPP01	01/10/94	8:00	8.6	7.0	5.4	573	6	200		34.6	1.510	3700	370
940598	BRANNANPP01	04/18/94	6:49	16.5	7.2	5.6	475	40	300		25.6	1.440	2400	240
940605	BRANNANPP01	04/18/94	6:49	16.5	7.2	5.6	475	40	350		25.6	1.440	2500	250
941118	BRANNANPP01	06/20/94	6:56	19.9	6.8	4.1	325	19	150		11.2	0.514	1200	120
941329	BRANNANPP01	07/18/94	7:20	20.0	6.8	6.3	247	13	120		11.4	0.509	1200	120
931676	BRANNANPP02	10/18/93	10:00	16.4	6.6	2.8	479	170	350		12.7	1.430	990	94
940039	BRANNANPP02	01/10/94	8:26	9.8	6.6	2.6	527	200	400		10.2	0.411	1000	98
940604	BRANNANPP02	04/18/94	7:17	15.9	6.8	1.7	520	135	400		10.2	1.410	700	65
941117	BRANNANPP02	06/20/94	6:49	17.8	6.5	1.4	512	110	320		14.0	1.500	1100	100
941328	BRANNANPP02	07/18/94	8:00	18.5	6.8	3.3	447	11	300		34.8	1.990	3400	340
931675	BRANNANPP03	10/18/93	9:45	17.0	7.3	5.0	1030	18	200		18.2	0.838	2300	220
940038	BRANNANPP03	01/10/94	8:46	8.7	6.7	6.1	1050	5	200		38.9	1.630	4000	400
940603	BRANNANPP03	04/18/94	7:33	16.7	6.6	2.0	1490	262	150		11.4	0.538	690	60
941116	BRANNANPP03	06/20/94	7:06	18.0	6.7	5.2	1520	110	60		9.8	0.354		
941327	BRANNANPP03	07/18/94	8:15	19.4	6.5	5.6	359	14	160		14.3	0.729	1500	150
931674	BRANNANPP04	10/18/93	9:25	17.6	7.0	3.8	948	17	250		19.7	0.966	2200	210
940037	BRANNANPP04	01/10/94	9:04	9.1	6.7	6.8	592	6	160		24.5	1.140	2800	280
940602	BRANNANPP04	04/18/94	7:47	16.7	7.3	6.8	803	25	200		23.6	1.140	2300	230
941115	BRANNANPP04	06/20/94	7:18	19.1	7.0	4.7	450	21	160		18.0	0.891	2200	220
941322	BRANNANPP04	07/18/94	8:30	19.4	6.9	6.7	429	14	140		13.6	0.687	1600	150
941326	BRANNANPP04	07/18/94	8:30	19.4	6.9	6.7	431	14	140		13.8	0.690	1700	160
931642	CLIFTON	10/14/93	9:20	19.8	7.4	6.4	287	7	25		2.7	0.080		
931854	CLIFTON	11/10/93	10:00	15.2	7.7	8.5	418	4	25		2.7	0.091	370	32

Note: Negative values signify reporting limits. Concentration of analyte below reporting limit.

TFPC DATA REPORT

07/27/95
PAGE 3

LAB#	STA. NAME	SAMP. DATE	TIME	TEMP oC	pH	DO mg/L	EC uS/cm	TURB T.U.	COLOR C.U.	TOC mg/L	DOC mg/L	UVA mg/L	THMFP ug/L	TFPC ug/L
932024	CLIFTON	12/15/93	8:05	10.2	7.7	10.2	490	5	20		3.1	0.110	440	39
932028	CLIFTON	12/15/93	8:05	10.2	7.7	10.2	490	6	25		3.1	0.109	440	38
940197	CLIFTON	01/19/94	10:30	8.8	7.0	9.0	367	6	35		5.0	0.193	650	63
940318	CLIFTON	02/17/94	10:15	11.2	7.3	10.9	415	8	50		6.1	0.232	770	74
940499	CLIFTON	03/24/94	9:50	14.1	7.0	9.6	437	7	40		5.8	0.208	650	62
940854	CLIFTON	05/19/94	8:57	18.2	8.0	8.3	608	11	40		4.2	0.126	530	48
940858	CLIFTON	05/19/94	8:57	18.2	8.0	8.3	599	11	50		4.3	0.125	520	47
941025	CLIFTON	06/22/94	9:50	23.0	7.4	7.0	450	17	60		3.8	0.129	440	41
941083	CLIFTON	06/22/94	9:50							4.3				
941770	CLIFTON	08/25/94	9:10	24.1	8.0	7.6	597	9	20		3.2	0.105	520	43
941910	CLIFTON	09/22/94	9:55	23.3	7.8	6.0	667	6	20		2.7	0.091	370	29
931633	CONCOSPP1	10/05/93	8:30	19.5	7.3	6.4	368	4	25		2.7	0.074	280	25
931729	CONCOSPP1	10/20/93	12:10	18.5	8.2	9.2	458	3	25		2.4	0.074	290	25
931913	CONCOSPP1	11/17/93	9:53	12.3	6.3	10.5	648	2	30		2.6	0.089	390	31
931918	CONCOSPP1	11/17/93	9:53	12.3	6.3	10.5	647	6	20		2.6	0.086	410	33
931997	CONCOSPP1	12/16/93	11:00	9.8	7.3	10.9	566	2	15		2.8	0.094	440	37
940028	CONCOSPP1	01/05/94	10:35	8.4	8.4	10.4	403	5	20		3.7	0.140	510	47
940092	CONCOSPP1	01/12/94	11:11	9.1	8.2	11.0	482	2	25		3.7	0.141	610	57
940273	CONCOSPP1	02/09/94	9:55	10.6	7.8	12.8	388	3	40		5.0	0.188	530	50
940278	CONCOSPP1	02/09/94	9:55	10.6	7.8	12.8	388	2	30		5.0	0.188	520	49
940658	CONCOSPP1	04/20/94	10:35	19.8	8.4	8.9	375	4	20		4.4	0.137	450	43
940819	CONCOSPP1	05/26/94	10:30	22.1	8.3	7.8	427	7	30		3.9	0.122	460	43
941066	CONCOSPP1	06/16/94	10:30	21.8	7.6	7.1	407	9	35		3.2	0.100	410	38
941383	CONCOSPP1	07/20/94	9:15	22.2	8.2	7.8	666	5	20		3.2	0.087	410	33
941759	CONCOSPP1	08/23/94	10:30	24.1	8.3	7.4	703	8	25		2.9	0.091	430	33
941899	CONCOSPP1	09/20/94	12:51	22.9	7.9	6.5	935	7	20		2.9	0.075	360	26
931724	DELTACRCHAN	10/20/93	7:20	16.0	7.1	8.5	120	7	20		1.6	0.043	160	16
940653	DELTACRCHAN	04/20/94	6:45	18.7	7.4	10.1	186	4	10		1.8	0.045	160	16
931643	DMC	10/14/93	8:55	20.0	7.4	6.5	246	15	35		2.8	0.085		
931713	DMC	10/20/93	9:20	17.9	7.5	8.9	274	15	40		2.6	0.101	290	27
931855	DMC	11/10/93	9:30	14.6	7.8	8.6	775	10	35		2.8	0.074	390	33
932029	DMC	12/15/93	9:00	10.2	7.9	10.0	380	6	25		3.3	0.115	450	41
940076	DMC	01/12/94	10:50	7.2	7.1	10.2	508	4	30		4.4	0.153	640	59
940193	DMC	01/19/94	10:00	9.5	7.5	8.9	704	5	25		3.4	0.100	420	37
940198	DMC	01/19/94	10:00	9.5	7.5	8.9	695	6	25		3.3	0.099	450	40
940319	DMC	02/17/94	11:00	11.1	7.4	10.7	422	11	50		6.2	0.240	770	74
940500	DMC	03/24/94	10:35	14.4	6.1	10.1	778	16	35		4.0	0.108	450	40
940642	DMC	04/20/94	9:30	19.6	7.9	8.5	846	17	30		3.9	0.107	480	40
940859	DMC	05/19/94	9:45	18.0	7.7	8.4	556	13	40		4.6	0.130	520	47
941026	DMC	06/22/94	10:45	22.6	7.5	7.1	449	16	60		3.7	0.125	440	41
941367	DMC	07/20/94	10:25	24.2	7.9	7.5	486	14	25		3.3	0.105	420	36
941771	DMC	08/25/94	11:00	23.9	8.1	7.2	439	14	25		3.7	0.113	550	49
941911	DMC	09/22/94	11:20	23.2	7.7	5.8	643	8	25		2.7	0.090	360	29
931738	FALSETIP-WEBB	10/20/93	7:19	12.8	7.0	8.4	524	7	25		2.0	0.070	290	23
940667	FALSETIP-WEBB	04/20/94	7:25	17.4	7.9	8.9	320	5	20		3.2	0.106	370	35
941392	FALSETIP-WEBB	07/20/94	7:43	20.7	8.0	8.0	586	7	15		2.4	0.080	300	24
931725	GEORGLWALNUT	10/20/93	7:40	16.2	7.2	9.3	118	4	15		3.4	0.070	160	16
940088	GEORGLWALNUT	01/12/94	7:50	8.9	7.7	10.8	175	4	10		1.6	0.045	210	21
940654	GEORGLWALNUT	04/20/94	7:05	18.5	7.3	10.0	186	4	5		1.8	0.044	150	15
931715	GRANTLNCAN	10/20/93	10:40	17.7	7.5	8.7	244	12	50		2.6	0.083	320	30
940078	GRANTLNCAN	01/12/94	11:35	7.8	6.9	10.3	726	10	25		2.8	0.074	410	36

Note: Negative values signify reporting limits. Concentration of analyte below reporting limit.

TFPC DATA REPORT

07/27/95
PAGE 4

LAB#	STA. NAME	SAMP. DATE	TIME	TEMP oC	pH	DO mg/L	EC uS/cm	TURB T.U.	COLOR C.U.	TOC mg/L	DOC mg/L	UVA mg/L	THMFP ug/L	TFPC ug/L
940644	GRANTLNCAN	04/20/94	10:25	19.6	7.8	9.6	824	12	25		3.3	0.087	410	35
941369	GRANTLNCAN	07/20/94	11:40	25.1	8.2	5.8	956	26	35		3.9	0.092	500	42
931748	GRANTOLD	10/20/93	9:58	18.0	7.4	7.6	318	11	30		2.6	0.086	300	27
940677	GRANTOLD	04/20/94	9:55	19.5	7.2	8.2	922	11	25		3.5	0.096	430	37
941402	GRANTOLD	07/20/94	10:48	25.5	7.8	6.2	852	24	60		3.8	0.103	550	46
931634	GREENES	10/05/93	9:45	18.6	7.5	6.9	139	3	20		1.9	0.072	190	19
931723	GREENES	10/20/93	6:25	15.7	7.1	8.8	134	4	15		1.7	0.053	170	17
931919	GREENES	11/17/93	11:09	11.7	7.8	10.3	154	2	10		1.9	0.048	230	23
931998	GREENES	12/16/93	12:15	10.3	7.5	10.4	133	17	150		3.3	0.116	430	43
940029	GREENES	01/05/94	7:15	9.2	6.9	12.1	163	4	5		1.8	0.044	200	20
940086	GREENES	01/12/94	7:16	8.8	7.3	10.7	196	3	10		1.7	0.043	200	20
940279	GREENES	02/09/94	7:35	9.7	7.7	12.4	253	20	40		3.4	0.112	340	34
940433	GREENES	03/09/94	10:52	14.7	7.7	9.5	206	8	20		2.3	0.055	230	23
940652	GREENES	04/20/94	6:15	18.0	7.3	10.3	188	4	10		1.9	0.044	140	14
940820	GREENES	05/26/94	12:55	21.7	7.5	8.5	193	6	10		1.7	0.043	180	17
941067	GREENES	06/16/94	13:00	22.3	7.8	8.2	151	3	10		1.6	0.037	180	18
941900	GREENES	09/20/94	14:39	21.9	7.5	6.9	182	6	10		1.9	0.044	150	15
931673	HOLLAND01	10/18/93	7:40	17.2	6.5	5.0	755	9	200		17.2	0.862	2100	200
940036	HOLLAND01	01/10/94	10:02	8.9	6.8	3.0	1640	8	200		33.2	1.410	3900	380
940601	HOLLAND01	04/18/94	8:50	19.6	7.8	5.8	1940	20	200		18.2	0.679	1500	140
941114	HOLLAND01	06/20/94	8:40	22.2	6.8	3.5	777	8	150		17.4	0.828	1800	170
941325	HOLLAND01	07/18/94	10:30	20.1	7.3	4.2	785	15	140		7.9	0.389	1000	92
931672	HOLLAND02	10/18/93	8:00	15.0	7.1	7.1	1240	12	125		16.2	0.692	2000	180
940035	HOLLAND02	01/10/94	10:22	8.5	7.1	6.7	1210	4	120		17.9	0.768	2100	200
940600	HOLLAND02	04/18/94	9:09	19.0	7.3	5.4	979	14	200		14.9	0.633	1600	150
941113	HOLLAND02	06/20/94	8:55	20.0	7.0	3.6	782	19	150		11.0	0.498	1400	130
941324	HOLLAND02	07/18/94	11:00	22.3	7.2	5.3	899	12	160		12.6	0.531	1500	140
931670	HOLLAND03	10/18/93	8:20	15.8	7.1	5.9	1020	19	200		10.3	0.535	1300	120
931671	HOLLAND03	10/18/93	8:20	15.8	7.1	5.9	1020	19	125		10.4	0.532	1300	120
940033	HOLLAND03	01/10/94	10:45	9.1	7.0	5.4	1000	11	120		15.0	0.659	1800	170
940034	HOLLAND03	01/10/94	10:45	9.1	7.0	5.4	1000	10	140		15.0	0.666	1800	170
940599	HOLLAND03	04/18/94	9:30	18.9	7.7	8.4	1130	40	250		21.3	1.000	2100	200
941112	HOLLAND03	06/20/94	9:14	19.4	7.0	1.8	775	28	300		8.0	0.782	1000	92
941323	HOLLAND03	07/18/94	11:15	23.9	6.8	2.8	969	5	160		19.6	0.915	2000	190
931732	HONKER	10/20/93	13:55	19.5	7.8	9.9	153	3	20		2.1	0.056	230	22
940095	HONKER	01/12/94	12:50	9.8	7.7	10.1	277	3	35		4.4	0.154	610	59
940661	HONKER	04/20/94	12:24	20.3	7.8	8.9	461	4	20		4.0	0.117	490	46
941386	HONKER	07/20/94	11:25	23.1	7.7	8.0	148	4	20		2.3	0.078	280	27
941111	JERSEYPP01	06/20/94	7:58	19.8	6.6	3.5	1860	20	600		57.3	3.200	5900	570
941121	JERSEYPP01	06/20/94	7:58	19.8	6.6	3.5	1850	20	500		59.0	3.200	6300	620
941332	JERSEYPP01	07/18/94	9:40	20.0	6.9	7.5	1810	7	100		8.6	0.426	1600	120
941763	JERSEYPP01	08/23/94	11:00	21.8	7.4	5.6	2590	10	75		6.6	0.350	1500	100
941903	JERSEYPP01	09/20/94	13:21	20.4	7.2	6.0	2630	6	80		9.9	0.436	1600	110
931682	KINGISPP01	10/18/93	7:40	15.3	7.3	4.0	368	8	80		5.7	0.234	610	60
940045	KINGISPP01	01/10/94	9:15	11.7	7.3	4.4	398	8	60		8.8	0.327	990	98
940610	KINGISPP01	04/18/94	11:10	19.6	7.6	7.6	349	6	100		6.2	0.234	660	65
941335	KINGISPP01	07/18/94	7:45	18.5	7.2		362	5	50		6.1	0.241	780	77
931683	KINGISPP03	10/18/93	8:10	16.2	7.9	6.4	778	20	100		8.5	0.303	930	84
940046	KINGISPP03	01/10/94	9:45	8.6	7.4	10.3	681	11	100		14.3	0.545	1600	150
940611	KINGISPP03	04/18/94	10:45	21.1	7.8	5.1	1260	9	100		9.0	0.294	1100	88
941125	KINGISPP03	06/20/94	10:55	22.1	6.9	5.5	721	15	60		7.2	0.275	890	79

Note: Negative values signify reporting limits. Concentration of analyte below reporting limit.

TFPC DATA REPORT

07/27/95

PAGE 5

LAB#	STA. NAME	SAMP. DATE	TIME	TEMP oC	pH	DO mg/L	EC uS/cm	TURB T.U.	COLOR C.U.	TOC mg/L	DOC mg/L	UVA mg/L	THMFP ug/L	TFPC ug/L
941336	KINGISPP03	07/18/94	8:00	20.5	7.3		1020	9	80		9.7	0.375	1300	120
931733	LCONNECT	10/20/93	14:10	18.6	7.4	8.4	151	4	20		2.4	0.056	210	21
940096	LCONNECT	01/12/94	13:06	10.3	7.5	9.5	227	3	35		5.2	0.088	630	62
940662	LCONNECT	04/20/94	12:40	20.5	7.9	9.4	236	4	20		2.5	0.068	270	26
941387	LCONNECT	07/20/94	10:55	22.8	7.7	7.7	248	5	25		3.2	0.124	400	38
931701	LJONES01	10/19/93	10:03	15.3	6.8	2.6	538	25	140		6.8	0.398	880	83
931704	LJONES01	10/19/93	10:03	15.3	6.8	2.6	536	28	100		6.8	0.398	870	82
940064	LJONES01	01/11/94	9:40	8.8	6.7	6.8	898	12	100		23.4	0.977	2600	260
940067	LJONES01	01/11/94	9:40	8.8	6.7	6.8	912	11	160		23.5	0.977	2600	260
940630	LJONES01	04/19/94	7:40	16.3	7.1	9.5	847	75	150		12.1	0.513	1200	110
940633	LJONES01	04/19/94	7:40	16.3	7.1	9.5	842	74	150		12.0	0.505	1100	110
941176	LJONES01	06/22/94	7:00	19.3	6.8	5.3	579	28	120		9.6	0.392	1000	98
941358	LJONES01	07/19/94	9:30	21.7	7.0	5.7	517	21	125		9.6	0.443	1200	110
931709	LJONES02	10/19/93	10:30	16.5	6.4	2.8	728	5	140		14.9	0.658	1400	140
940072	LJONES02	01/11/94	11:45	10.2	6.5	4.9	798	6	200		34.5	1.420	3700	370
940638	LJONES02	04/19/94	9:45	19.3	6.9	4.1	480	13	100		5.3	0.327	1700	160
941173	LJONES02	06/22/94	9:40	21.3	6.4	3.7	716	20	200		27.8	1.260	3100	300
941181	LJONES02	06/22/94	9:40	21.3	6.4	3.7	722	20	150		28.0	1.260	2900	280
941363	LJONES02	07/19/94	7:00	19.6	6.1	6.1	501	16	100		11.3	0.561	1400	130
931722	LPOTTERM	10/20/93	13:20	18.2	7.3	8.3	141	5	20		2.0	0.064	210	20
931731	LPOTTERM	10/20/93	13:20	18.2	7.3	8.3	142	5	20		2.0	0.058	200	19
940094	LPOTTERM	01/12/94	12:20	10.0	7.7	10.0	218	4	25		3.3	0.110	450	45
940660	LPOTTERM	04/20/94	11:44	20.2	7.8	9.0	225	8	20		2.2	0.066	240	23
941385	LPOTTERM	07/20/94	10:20	22.0	7.8	7.7	161	8	20		2.0	0.070	240	23
931635	MALLARDIS	10/05/93	7:50	18.0	7.4	7.1	6960	15	30		2.4	0.056	500	28
931728	MALLARDIS	10/20/93	11:05	18.3	7.4	8.3	8040	11	30		2.2	0.056	490	27
931920	MALLARDIS	11/17/93	9:07	12.2	7.3	8.6	11600	11	20		2.3	0.057	610	32
931999	MALLARDIS	12/16/93	9:50	11.1	7.4	10.3	6570	17	25		2.3	0.059	550	32
940023	MALLARDIS	01/05/94	9:25	9.0	7.4	11.4	8670	19	30		2.4	0.072	720	38
940030	MALLARDIS	01/05/94	9:25	9.0	7.4	11.4	8690	19	30		2.3	0.073	710	38
940091	MALLARDIS	01/12/94	10:28	9.9	7.8	9.5	4490	10	20		2.6	0.070	710	41
940280	MALLARDIS	02/09/94	9:40	11.4	7.8	12.4	2340	12	30		3.2	0.099	480	31
940427	MALLARDIS	03/09/94	9:12	14.7	7.9	9.5	556	19	60		3.9	0.134	470	42
940434	MALLARDIS	03/09/94	9:12	14.7	7.9	9.5	563	19	50		3.9	0.134	470	41
940657	MALLARDIS	04/20/94	9:52	18.8	7.7	9.2	5850	18	25		2.9	0.089	760	40
940821	MALLARDIS	05/26/94	11:30	19.2	8.0	9.1	3200	42	50		2.6	0.075	540	33
941068	MALLARDIS	06/16/94	11:30	20.4	7.8	8.6	7970	22	40		2.6	0.073	730	40
941382	MALLARDIS	07/20/94	8:15	20.0	7.7	8.5	9130	30	30		2.5	0.071	690	37
941761	MALLARDIS	08/23/94	9:50	22.5	7.6	7.9	10800	14	15		2.4	0.066	610	33
941894	MALLARDIS	09/20/94	11:55	21.2	7.9	7.1	9190	14	15		4.8	0.064	450	24
941901	MALLARDIS	09/20/94	11:55	21.2	7.9	7.1	9230	15	25		3.4	0.059	380	25
931707	MANDEVILLEPPO1	10/19/93	9:09	14.4	6.6	3.0	406	22	160		10.3	0.585	1200	120
940070	MANDEVILLEPPO1	01/11/94	10:50	9.0	7.2	7.0	627	14	300		34.6	1.780	3900	390
940636	MANDEVILLEPPO1	04/19/94	8:47	17.5	6.9	8.8	475	31	200		19.4	0.860	1700	170
941179	MANDEVILLEPPO1	06/22/94	8:40	18.8	6.8	3.3	420	23	150		9.9	0.497	1100	110
941355	MANDEVILLEPPO1	07/19/94	8:25	20.5	6.8	4.5	420	13	200		18.4	1.120	2200	210
941361	MANDEVILLEPPO1	07/19/94	8:25	20.5	6.8	4.5	426	14	200		18.3	1.130	2200	210
931708	MANDEVILLEPPO2	10/19/93	9:30	14.9	6.5	4.2	510	32	200		12.9	0.660	1600	160
940071	MANDEVILLEPPO2	01/11/94	11:15	9.3	6.9	7.5	703	11	300		33.7	1.650	3700	370
940637	MANDEVILLEPPO2	04/19/94	9:15	16.4	7.1	8.4	347	13	250		30.4	1.590	3100	300
941180	MANDEVILLEPPO2	06/22/94	9:00	20.0	6.8	4.1	508	31	300		21.5	1.170	2100	200

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TFPC DATA REPORT

07/27/95
PAGE 6

LAB#	STA. NAME	SAMP. DATE	TIME	TEMP °C	pH	DO mg/L	EC uS/cm	TURB T.U.	COLOR C.U.	TOC mg/L	DOC mg/L	UVA mg/L	THMP ug/L	TFPC ug/L
941362	MANDEVILLEPPO2	07/19/94	8:50	19.9	6.8	5.0	608	16	200		20.1	1.040	2400	230
931640	MAZE	10/14/93	11:00	18.8	7.8	6.8	237	12	30		3.2	0.100		
931691	MAZE	10/19/93	11:05	17.5	7.0	8.9	281	12	30		3.0	0.091	350	34
931852	MAZE	11/10/93	12:40	15.0	7.9	8.9	884	12	30		4.4	0.093	480	40
932026	MAZE	12/15/93	10:00	11.1	8.0	9.6	829	14	30		3.9	0.100	560	49
940054	MAZE	01/11/94	7:00	8.6	6.9	9.4	831	8	20		3.0	0.074	400	34
940195	MAZE	01/19/94	12:30	11.9	7.5	8.7	987	11	25		3.0	0.083	440	38
940316	MAZE	02/17/94	12:10	12.0	7.5	9.8	1140	22	60		5.5	0.163	820	73
940497	MAZE	03/24/94	12:00	14.6	7.0	10.1	1370	20	30		4.3	0.114	530	44
940619	MAZE	04/19/94	10:20	20.3	7.7	8.6	1050	28	30		3.7	0.100	400	33
940856	MAZE	05/19/94	11:00	19.1	7.6	8.2	905	20	40		3.2	0.084	450	37
941023	MAZE	06/22/94	12:05	23.5	8.2	19.1	1410	50	70		4.1	0.112	540	43
941344	MAZE	07/19/94	10:20	23.3	8.2	8.5	1610	95	50		4.2	0.120	530	41
941768	MAZE	08/25/94	13:23	24.5	8.3	9.0	1250	38	30		4.3	0.110	580	46
941908	MAZE	09/22/94	12:45	24.2	8.4	10.9	1280	34	60		3.7	0.101	470	36
931644	MIDDLER	10/14/93	8:25	19.7	7.1	6.2	269	6	25		2.6	0.079		
931717	MIDDLER	10/20/93	11:55	19.2	7.4	8.4	278	6	30		2.5	0.082	270	26
931856	MIDDLER	11/10/93	8:50	15.4	7.5	8.1	312	5	25		2.9	0.100	380	35
932030	MIDDLER	12/15/93	7:30	9.7	7.7	10.4	321	5	20		3.4	0.119	430	40
940080	MIDDLER	01/12/94	12:25	7.2	6.7	9.9	364	6	40		6.5	0.251	850	83
940199	MIDDLER	01/19/94	9:15	8.8	7.0	8.7	361	4	35		5.3	0.202	640	62
940321	MIDDLER	02/17/94	8:45	10.9	7.2	10.1	452	8	50		6.7	0.254	840	81
940502	MIDDLER	03/24/94	8:35	13.3	7.3	9.2	475	7	35		6.3	0.214	690	66
940646	MIDDLER	04/20/94	11:45	20.2	7.9	8.6	442	4	25		4.9	0.162	560	53
940861	MIDDLER	05/19/94	7:36	18.1	7.5	9.6	496	10	35		4.1	0.122	510	46
941028	MIDDLER	06/22/94	7:45	22.2	7.4	7.7	414	10	40		3.6	0.121	440	41
941087	MIDDLER	06/22/94	7:45							3.6				
941371	MIDDLER	07/20/94	12:50	25.3	7.9	7.1	386	6	20		3.2	0.108	400	36
941773	MIDDLER	08/25/94	7:30	22.9	7.8	7.0	358	6	20		3.2	0.112	480	43
941913	MIDDLER	09/22/94	8:10	22.1	7.9	6.1	430	4	20		2.5	0.084	300	26
931710	MIDMOWRY	10/20/93	11:10	17.6	7.3	8.1	270	16	50		3.0	0.089	330	31
931716	MIDMOWRY	10/20/93	11:10	17.6	7.3	8.1	270	16	60		2.9	0.088	330	32
940079	MIDMOWRY	01/12/94	12:00	6.8	7.7	10.6	736	4	25		2.7	0.073	410	36
940639	MIDMOWRY	04/20/94	10:50	20.4	7.8	9.3	804	22	30		3.2	0.085	420	35
940645	MIDMOWRY	04/20/94	10:50	20.4	7.8	9.3	802	21	30		3.2	0.086	410	34
941364	MIDMOWRY	07/20/94	12:10	25.1	8.8	9.7	978	20	40		3.7	0.088	480	39
941370	MIDMOWRY	07/20/94	12:10	25.1	8.8	9.7	869	20	40		3.5	0.087	470	39
931730	MOKGEORGIANA	10/20/93	12:55	17.8	7.5	8.3	130	5	15		1.8	0.048	170	17
940093	MOKGEORGIANA	01/12/94	12:00	10.7	8.0	10.9	178	14	20		2.0	0.052	240	24
940659	MOKGEORGIANA	04/20/94	11:25	20.2	7.9	9.6	196	3	10		2.5	0.050	210	21
941384	MOKGEORGIANA	07/20/94	10:00	22.3	7.9	8.3	126	11	15		1.5	0.048	170	17
931638	MRIVBACON	10/14/93	7:10	19.6	6.9	6.5	304	6	25		3.0	0.085		
931645	MRIVBACON	10/14/93	7:10	19.6	6.9	6.5	295	5	25		3.0	0.084		
931718	MRIVBACON	10/20/93	12:30	19.2	7.4	8.2	287	6	30		2.6	0.088	300	28
931857	MRIVBACON	11/10/93	8:00	15.4	7.5	8.0	293	4	30		3.0	0.098	400	37
932031	MRIVBACON	12/15/93	7:00	9.8	7.1	10.0	305	5	20		3.2	0.107	430	40
940081	MRIVBACON	01/12/94	13:00	7.8	6.9	10.0	311	4	35		5.3	0.201	690	67
940200	MRIVBACON	01/19/94	7:20	9.5	7.2	9.2	356	4	30		5.0	0.183	600	58
940322	MRIVBACON	02/17/94	8:15	11.1	7.3	9.9	482	7	50		6.8	0.252	830	80
940503	MRIVBACON	03/24/94	8:05	13.5	7.2	9.4	516	6	35		5.8	0.196	660	62
940647	MRIVBACON	04/20/94	12:20	20.4	7.9	8.9	441	2	20		4.5	0.141	510	48

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TFPC DATA REPORT

07/27/95
PAGE 7

LAB#	STA. NAME	SAMP. DATE	TIME	TEMP oC	pH	DO mg/L	EC uS/cm	TURB T.U.	COLOR C.U.	TOC mg/L	DOC mg/L	UVA mg/L	THMFP ug/L	TFPC ug/L
940862	MRIVBACON	05/19/94	7:08	18.3	7.5	9.4	499	11	35		3.9	0.117	510	46
941029	MRIVBACON	06/22/94	7:00	22.3	7.2	7.7	389	8	30		3.3	0.109	400	37
941088	MRIVBACON	06/22/94	7:00							3.4				
941372	MRIVBACON	07/20/94	13:25	24.5	7.8	6.6	365	6	25		3.0	0.108	390	35
941774	MRIVBACON	08/25/94	6:50	22.9	7.2	7.0	336	5	15		3.1	0.107	130	9
941914	MRIVBACON	09/22/94	7:30	21.7	7.9	6.2	407	6	20		2.6	0.085	330	29
931630	NATOMAS	10/05/93	11:15	19.1	7.7	6.1	553	35	60		6.8	0.205	840	82
931697	NATOMAS	10/19/93	13:10	19.5	8.0	10.6	607	28	80		6.4	0.183	790	76
931915	NATOMAS	11/17/93	12:34	11.7	7.0	11.9	586	-1	50		6.8	0.186	430	41
931994	NATOMAS	12/08/93	7:25	12.4	6.9	10.7	704	38	125		5.9	0.148	730	71
940025	NATOMAS	01/05/94	13:25	11.0	8.0	9.4	863	20	40		3.3	0.083	430	41
940053	NATOMAS	01/11/94	11:00	10.2	6.7	9.8	869	22	40		3.2	0.066	340	32
940060	NATOMAS	01/11/94	11:00	10.2	6.7	9.8	872	23	40		3.2	0.065	350	33
940275	NATOMAS	02/09/94	14:35	12.1	7.5	9.1	394	130	250		8.6	0.348	870	87
940429	NATOMAS	03/09/94	12:43	17.5	8.1	10.9	905	36	50		3.9	0.071	370	34
940625	NATOMAS	04/19/94	12:30	23.4	7.9	6.4	504	19	50		4.2	0.110	420	40
940814	NATOMAS	05/26/94	6:40	19.8	7.9	7.8	447	50	50		4.4	0.115	470	46
940816	NATOMAS	05/26/94	6:40	19.8	7.9	7.8	443	50	60		4.4	0.116	470	46
941063	NATOMAS	06/16/94	6:50	19.9	7.6	6.1	457	38	100		5.6	0.146	640	63
941168	NATOMAS	06/21/94	6:20	20.6	7.6	7.0	433	33	60		5.8	0.226	570	56
941350	NATOMAS	07/19/94	12:15	25.0	7.8	10.5	406	33	60		4.5	0.123	450	44
941756	NATOMAS	08/23/94	6:55	21.0	7.4	6.1	373	44	60		4.1	0.111	430	43
941896	NATOMAS	09/20/94	8:07	20.4	7.6	3.9	487	25	40		4.8	0.127	430	42
931745	NORTHCAN	10/20/93	9:05	18.1	7.5	7.4	279	8	30		2.5	0.083	290	27
940674	NORTHCAN	04/20/94	9:20	19.4	7.2	7.9	506	8	30		5.2	0.172	630	60
941399	NORTHCAN	07/20/94	10:05	24.9	7.6	6.8	393	6	25		3.8	0.111	450	41
931743	NVICWOOD	10/20/93	8:41	18.0	7.3	7.5	279	6	30		2.5	0.086	290	27
940672	NVICWOOD	04/20/94	8:50	19.5	7.2	8.0	417	5	25		4.7	0.163	580	55
941397	NVICWOOD	07/20/94	9:28	23.6	7.8	7.4	569	4	20		2.9	0.094	400	33
931747	OLDR-DMC-CLIFT	10/20/93	9:50	18.1	7.4	7.8	350	7	30		2.5	0.085	300	26
940676	OLDR-DMC-CLIFT	04/20/94	9:45	19.7	7.2	8.1	888	13	30		3.8	0.108	450	39
941401	OLDR-DMC-CLIFT	07/20/94	10:39	24.9	7.7	6.3	697	20	40		3.5	0.108	500	43
931749	OLDRIVDMC	10/20/93	10:13	18.4	7.4	7.7	337	12	30		3.2	0.084	310	28
940678	OLDRIVDMC	04/20/94	10:10	19.5	7.4	8.1	872	15	25		3.8	0.108	460	41
941403	OLDRIVDMC	07/20/94	11:02	26.2	7.9	7.0	549	6	25		3.4	0.109	460	39
931714	OLDRTRACY	10/20/93	10:10	17.5	7.4	8.4	249	16	50		2.8	0.083	310	29
940077	OLDRTRACY	01/12/94	11:20	6.7	6.7	10.0	771	6	30		2.9	0.075	440	38
940643	OLDRTRACY	04/20/94	10:00	19.2	7.8	9.0	942	18	25		3.5	0.092	450	37
941368	OLDRTRACY	07/20/94	11:15	24.5	8.3	8.0	997	22	60		4.6	0.113	560	47
931679	ORWOODPP	10/18/93	7:07	16.9	6.3	4.5	640	6	150		18.7	0.813	1900	190
940042	ORWOODPP	01/10/94	11:48	9.1	6.9	8.2	916	16	80		13.3	0.500	1600	160
940607	ORWOODPP	04/18/94	10:30	21.0	7.0	5.5	555	14	100		8.6	0.341	920	89
941120	ORWOODPP	06/20/94	10:15	22.5	7.2	5.2	839	25	120		13.5	0.547	1500	150
941331	ORWOODPP	07/18/94	11:45	25.1	5.8	3.5	804	4	120		13.1	0.580	1700	160
931678	PALMTRPP	10/18/93	6:45	16.2	7.2	5.0	763	27	200		19.4	0.879	1900	180
940041	PALMTRPP	01/10/94	11:19	8.9	6.6	6.4	962	15	100		20.6	0.872	2600	250
940606	PALMTRPP	04/18/94	10:10	20.8	7.1	3.9	637	10	250		22.0	1.150	2300	230
941119	PALMTRPP	06/20/94	9:50	22.1	7.2	3.7	531	13	120		12.1	0.528	1400	130
931693	PESCADERO01	10/19/93	7:20	14.7	7.3	8.1	748	39	40		3.6	0.093	430	37
940056	PESCADERO01	01/11/94	8:20	7.3	7.6	7.5	1160	21	50		3.2	0.072	390	33
940621	PESCADERO01	04/19/94	8:00	15.1	7.2	7.5	1540	116	50		7.5	0.187	830	68

Note: Negative values signify reporting limits. Concentration of analyte below reporting limit.

TFFC DATA REPORT

07/27/95
PAGE 8

LAB#	STA. NAME	SAMP. DATE	TIME	TEMP oC	pH	DO mg/L	EC uS/cm	TURB T.U.	COLOR C.U.	TOC mg/L	DOC mg/L	UVA mg/L	THMFP ug/L	TFFC ug/L
941164	PESCADERO01	06/21/94	8:55	20.8	7.4	4.7	1590	15	80		7.9	0.251	910	75
941343	PESCADERO01	07/19/94	8:45	21.6	7.4	6.2	1470	50	75		6.2	0.168	740	60
941346	PESCADERO01	07/19/94	8:45	21.6	7.4	6.2	1480	50	50		6.4	0.168	750	62
931694	PESCADERO02	10/19/93	7:40	14.4	7.1	8.1	727	35	50		3.6	0.093	420	37
940622	PESCADERO02	04/19/94	8:25	15.1	7.2	7.5	1480	90	50		8.1	0.196	890	75
941165	PESCADERO02	06/21/94	9:15	19.2	7.4	4.8	1690	14	80		7.4	0.209	860	69
941347	PESCADERO02	07/19/94	8:59	21.6	7.5	6.3	1580	30	40		6.2	0.169	760	61
931690	PESCADERO03	10/19/93	8:00	13.0	7.2	7.6	2750	19	50		4.9	0.116	680	49
931695	PESCADERO03	10/19/93	8:00	13.0	7.2	7.6	2660	20	45		5.0	0.123	700	49
940623	PESCADERO03	04/19/94	8:45	15.3	7.4	8.4	1410	92	75		9.5	0.224	970	83
941166	PESCADERO03	06/21/94	9:35	17.5	7.4	5.8	1550	20	80		12.6	0.245	970	81
941348	PESCADERO03	07/19/94	9:17	21.9	7.7	6.4	1500	27	50		6.6	0.175	760	62
931681	RINDGEPP02	10/18/93	7:00	16.5	7.2	4.0	633	3	100		11.8	0.476	1200	110
940044	RINDGEPP02	01/10/94	10:25	9.2	6.8	3.0	503	6	200		30.5	1.190	2500	250
940609	RINDGEPP02	04/18/94	11:45	20.7	7.4	4.5	950	8	150		16.0	0.684	1500	140
941122	RINDGEPP02	06/20/94	11:35	23.8	7.1	6.1	548	2	60		8.8	0.348	1100	100
941123	RINDGEPP02	06/20/94	11:35	23.8	7.1	6.1	546	2	60		8.8	0.346	1100	100
941334	RINDGEPP02	07/18/94	8:25	21.8	7.2		382	2	100		13.7	0.633	1600	160
931741	ROCKSL	10/20/93	8:04	17.7	7.4	8.3	425	4	20		2.2	0.800	290	25
940104	ROCKSL	01/12/94	9:30	8.5	6.7	10.3	341	4	30		4.0	0.151	500	47
940314	ROCKSL	02/17/94	9:15	11.1	7.5	10.8	370	6	35		5.1	0.200	660	64
940320	ROCKSL	02/17/94	9:15	11.1	7.5	10.8	370	6	40		5.1	0.200	650	62
940495	ROCKSL	03/24/94	9:05	13.5	6.7	9.9	328	6	30		5.0	0.182	590	58
940501	ROCKSL	03/24/94	9:05	13.5	6.7	9.9	328	6	35		5.0	0.182	560	54
940670	ROCKSL	04/20/94	8:15	18.7	8.0	7.9	357	3	20		4.0	0.133	500	49
940860	ROCKSL	05/19/94	8:18	18.8	8.4	10.0	395	11	35		3.5	0.106	440	40
941027	ROCKSL	06/22/94	9:00	22.8	7.4	6.8	450	13	40		2.8	0.095	360	32
941085	ROCKSL	06/22/94	9:00							3.2				
941395	ROCKSL	07/20/94	8:39	21.8	7.9	7.8	692	4	15		2.7	0.086	380	30
941766	ROCKSL	08/25/94	8:30	23.0	7.9	7.7	805	6	20		2.5	0.081	410	31
941772	ROCKSL	08/25/94	8:30	23.0	7.9	7.7	805	6	15		2.6	0.081	470	36
941912	ROCKSL	09/22/94	9:00	22.1	7.9	6.4	988	4	20		2.6	0.084	370	26
931628	SACRRIOVISTA	10/05/93	6:55	18.0	7.3	7.1	151	8	25		1.7	0.055	190	19
931632	SACRRIOVISTA	10/05/93	6:55	18.0	7.3	7.1	152	8	25		1.7	0.053	200	20
931726	SACRRIOVISTA	10/20/93	8:15	16.6	7.2	8.5	134	7	20		1.9	0.061	190	19
931917	SACRRIOVISTA	11/17/93	7:58	12.2	7.3	8.6	196	17	15		1.9	0.058	240	24
931996	SACRRIOVISTA	12/16/93	9:00	10.9	7.2	10.8	160	8	25		2.4	0.078	300	30
940027	SACRRIOVISTA	01/05/94	11:25	9.1	7.7	10.9	179	4	10		1.9	0.054	230	23
940089	SACRRIOVISTA	01/12/94	8:31	9.0	7.8	10.6	203				1.8	0.049	230	23
940277	SACRRIOVISTA	02/09/94	11:50	11.1	7.7	12.4	228	7	15		2.6	0.071	240	23
940431	SACRRIOVISTA	03/09/94	8:20	14.5	7.5	9.0	241	10	30		2.7	0.066	270	26
940651	SACRRIOVISTA	04/20/94	7:45	17.9	7.7	8.8	212	6	10		1.9	0.052	170	17
940655	SACRRIOVISTA	04/20/94	7:45	17.9	7.7	8.8	212	6	10		1.9	0.053	160	15
940818	SACRRIOVISTA	05/26/94	9:10	19.2	7.7	9.0	186	14	20		1.8	0.540	200	19
941065	SACRRIOVISTA	06/16/94	9:15	20.5	7.8	7.9	298	18	35		2.1	0.063	260	24
941380	SACRRIOVISTA	07/20/94	7:20	20.8	7.8	8.1	156	12	15		1.5	0.052	200	19
941758	SACRRIOVISTA	08/23/94	9:00	22.4	7.6	7.4	182	8	10		1.7	0.047	180	18
941898	SACRRIOVISTA	09/20/94	10:56	20.7	7.4	8.4	201	7	15		1.8	0.050	170	16
940618	SACWSACINT	04/19/94	13:15	21.7	8.2	9.4	187	6	15		1.5	0.039	140	14
940627	SACWSACINT	04/19/94	13:15	21.7	8.2	9.4	186	6	15		1.5	0.037	140	14
940822	SACWSACINT	05/26/94	6:00	19.5	7.7	8.7	170	4	10		1.5	0.037	170	17

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TFPC DATA REPORT

07/27/95
PAGE 9

LAB#	STA. NAME	SAMP. DATE	TIME	TEMP °C	pH	DO mg/L	EC uS/cm	TURB T.U.	COLOR C.U.	TOC mg/L	DOC mg/L	UVA mg/L	THMFP ug/L	TFPC ug/L
941069	SACHSACINT	06/16/94	6:15	19.8	7.3	8.2	156	5	15		1.4	0.035	150	15
941170	SACHSACINT	06/21/94	5:45	19.6	6.6	8.4	147	3	10		1.4	0.042	150	15
941352	SACHSACINT	07/19/94	13:02	23.4	7.0	9.8	135	8	5		1.3	0.032	130	13
941762	SACHSACINT	08/23/94	6:30	20.2	6.9	7.5	194	8	15		1.8	0.045	200	19
941902	SACHSACINT	09/20/94	7:26	19.2	7.9	6.1	175	14	10		1.6	0.041	140	14
931739	SANDMOUND	10/20/93	7:42	17.7	7.3	8.4	423	4	20		2.1	0.075	280	24
940102	SANDMOUND	01/12/94	10:30	8.6	7.2	10.8	328	4	25		3.5	0.128	430	41
940668	SANDMOUND	04/20/94	7:45	17.8	8.0	8.8	332	4	20		3.6	0.117	430	42
941393	SANDMOUND	07/20/94	8:00	19.2	7.9	8.0	725	6	20		2.4	0.074	330	25
931992	SANLUIS	12/08/93	11:00	9.6	7.5	10.8	554	2	20		2.8	0.093	450	37
931742	SANTAFEBACON	10/20/93	8:30	17.9	7.4	7.6	300	6	25		2.4	0.080	280	26
940671	SANTAFEBACON	04/20/94	8:35	19.0	8.0	7.9	408	4	25		4.7	0.159	570	54
941396	SANTAFEBACON	07/20/94	9:00	23.2	7.8	7.4	593	5	20		2.8	0.093	390	32
931736	SJRJERSEY	10/20/93	6:50	17.9	7.1	8.3	702	10	30		1.9	0.058	280	21
931737	SJRJERSEY	10/20/93	6:50	17.9	7.1	8.3	701	10	30		1.9	0.063	280	21
940099	SJRJERSEY	01/12/94	8:10	8.5	7.1	10.1	840	6	20		2.7	0.087	370	28
940100	SJRJERSEY	01/12/94	8:10	8.5	7.1	10.1	839	6	20		2.6	0.085	380	29
940666	SJRJERSEY	04/20/94	7:05	16.5	7.3	9.0	331	5	20		3.1	0.104	360	34
941391	SJRJERSEY	07/20/94	7:21	19.8	7.3	7.9	1130	12	20		2.4	0.075	350	25
931711	SJRMOSSDALE	10/20/93	7:00	15.8	7.3	9.7	245	13	50		2.7	0.084	290	28
940074	SJRMOSSDALE	01/12/94	9:10	6.5	8.4	10.9	731	4	20		2.9	0.073	420	37
940640	SJRMOSSDALE	04/20/94	8:15	19.5	7.9	8.7	880	14	30		3.3	0.086	430	35
941365	SJRMOSSDALE	07/20/94	8:40	22.7	8.6	7.8	942	30	60		3.8	0.087	420	34
931688	STATENPPO1	10/18/93	11:40	16.1	7.1	8.0	496	17	250		21.8	1.310	2100	210
940051	STATENPPO1	01/10/94	12:00	9.3	7.1	4.1	614	18	400		58.4	1.700	4700	460
940616	STATENPPO1	04/18/94	7:00	18.5	7.4	2.1	654	14	250		30.5	1.330	3100	310
941130	STATENPPO1	06/20/94	6:45	22.0	7.4	3.1	270	6	100		12.1	0.535	1400	140
941341	STATENPPO1	07/18/94	10:35	22.4	7.6		200	17	60		4.0	0.164	500	49
931689	STATENPPO2	10/18/93	12:00	17.0	7.1	4.2	1060	7	250		35.1	1.500	3500	340
940052	STATENPPO2	01/10/94	11:30	9.4	7.0	2.6	739	17	350		54.1	1.830	4500	450
940617	STATENPPO2	04/18/94	6:30	18.8	7.1	5.3	453	25	150		11.8	0.544	1200	110
941131	STATENPPO2	06/20/94	7:20	21.4	6.7	6.1	211	16	60		5.9	0.257	620	62
941342	STATENPPO2	07/18/94	10:55	22.4	7.4		186	25	80		6.6	0.313	850	84
931740	STATION04B	10/20/93	7:56	17.8	7.4	8.4	436	5	25		2.2	0.079	280	24
940103	STATION04B	01/12/94	10:00	8.7	6.9	10.6	337	5	25		3.8	0.143	470	45
940665	STATION04B	04/20/94	8:00	18.4	8.1	8.3	348	3	20		3.9	0.128	470	45
940669	STATION04B	04/20/94	8:00	18.4	8.1	8.3	348	3	25		3.9	0.130	500	49
941394	STATION04B	07/20/94	8:18	21.5	7.9	8.0	690	6	20		2.6	0.080	350	27
931744	STATION09	10/20/93	8:52	18.1	7.3	8.0	389	8	25		2.4	0.084	300	26
940107	STATION09	01/12/94	11:50	9.6	7.4	10.3	373	5	35		5.2	0.181	580	55
940673	STATION09	04/20/94	9:05	19.5	7.0	7.9	473	7	30		4.9	0.173	630	60
941082	STATION09	06/22/94	8:20	22.6	7.4	7.8	416	11	40		3.5	0.118	410	38
941086	STATION09	06/22/94	8:20							3.5				
941398	STATION09	07/20/94	9:43	23.9	7.8	7.2	586	4	20		3.1	0.101	430	36
931719	TURNERCUT	10/20/93	13:15	19.3	7.3	7.7	344	7	40		3.3	0.104	360	34
940073	TURNERCUT	01/12/94	13:32	8.9	6.6	9.4	507	4	30		6.6	0.228	870	83
940082	TURNERCUT	01/12/94	13:32	8.9	6.6	9.4	504	4	40		6.6	0.231	730	70
940648	TURNERCUT	04/20/94	13:00	20.6	7.8	8.1	696	3	20		4.7	0.137	500	45
941373	TURNERCUT	07/20/94	14:05	24.6	7.9	7.9	381	6	30		3.8	0.137	480	45
931703	UPJONESPPO2	10/19/93	8:01	14.5	6.3	4.3	769	25	140		8.3	0.372	1100	100
940066	UPJONESPPO2	01/11/94	9:30	8.2	6.8	7.9	618	36	160		13.5	0.533	1600	150

Note: Negative values signify reporting limits. Concentration of analyte below reporting limit.

TFPC DATA REPORT

07/27/95
PAGE 10

LAB#	STA. NAME	SAMP. DATE	TIME	TEMP oC	pH	DO mg/L	EC uS/cm	TURB T.U.	COLOR C.U.	TOC mg/L	DOC mg/L	UVA mg/L	THMFP ug/L	TFPC ug/L
940632	UPJONESPP02	04/19/94	7:30	16.6	7.2	4.7	979	29	100		10.5	0.407	1100	100
941175	UPJONESPP02	06/22/94	6:40	19.0	6.4	4.7	754	34	150		11.6	0.484	1200	120
941357	UPJONESPP02	07/19/94	9:45	21.5	7.0	4.6	755	32	80		9.4	0.390	1200	110
931685	VENICE	10/18/93	9:05	16.6	6.6	2.9	432	4	350		37.2	1.760	3400	340
940048	VENICE	01/10/94	8:00	8.6	6.7	7.0	420	3	250		34.6	1.670	4000	400
940613	VENICE	04/18/94	9:30	16.4	7.2	6.2	535	40	300		31.7	1.700	3300	320
941127	VENICE	06/20/94	10:00	21.5	6.5	3.0	427	8	350		42.3	2.320	4600	460
941338	VENICE	07/18/94	6:50	20.8	6.6	2.2	351	3	350		40.3	2.150	4000	400
931639	VERNALIS	10/14/93	10:45	18.7	7.5	6.9	195	13	25		3.4	0.091		
931692	VERNALIS	10/19/93	10:05	17.1	7.0	9.1	298	10	35		4.0	0.085	320	31
931851	VERNALIS	11/10/93	12:00	15.0	7.9	8.8	761	11	25		3.1	0.093	430	37
932025	VERNALIS	12/15/93	9:45	11.2	7.8	9.8	735	11	25		3.4	0.089	490	43
940055	VERNALIS	01/11/94	7:30	8.2	7.7	9.1	736	7	15		2.7	0.068	370	32
940194	VERNALIS	01/19/94	12:00	11.5	7.3	8.8	838	9	25		3.4	0.080	400	34
940315	VERNALIS	02/17/94	11:50	12.1	7.7	10.0	1000	21	50		5.1	0.148	730	66
940496	VERNALIS	03/24/94	11:30	14.3	6.8	10.4	824	15	25		3.3	0.085	410	35
940620	VERNALIS	04/19/94	9:55	19.7	7.8	8.9	871	24	20		3.3	0.091	350	30
940855	VERNALIS	05/19/94	10:35	18.5	7.6	8.4	717	20	40		3.1	0.082	440	37
941021	VERNALIS	06/22/94	11:30	22.8	8.2	10.5	870	24	60		3.2	0.084	390	33
941022	VERNALIS	06/22/94	11:30	22.8	8.2	10.5	855	25	60		3.2	0.088	410	34
941345	VERNALIS	07/19/94	9:52	22.4	8.1	9.2	911	52	50		3.2	0.086	390	32
941767	VERNALIS	08/25/94	12:31	24.0	8.0	8.8	838	27	25		3.2	0.079	440	37
941907	VERNALIS	09/22/94	12:15	24.1	8.2	9.6	974	25	50		4.2	0.086	390	31
931702	WOODWARDPP	10/19/93	7:11	13.6	6.4	5.6	420	23	100		4.8	0.227	660	62
940065	WOODWARDPP	01/11/94	9:00	8.6	7.2	7.7	691	20	100		11.2	0.452	1300	120
940631	WOODWARDPP	04/19/94	6:55	17.3	7.1	7.1	455	44	125		7.5	0.344	750	73
941174	WOODWARDPP	06/22/94	7:25	18.8	7.0	5.2	398	32	160		5.7	0.270	700	67
931746	WSTCANCLIFT	10/20/93	9:15	18.1	7.3	7.8	356	6	30		2.4	0.084	300	27
940109	WSTCANCLIFT	01/12/94	11:30	9.5	7.3	9.6	542	7	30		4.0	0.133	510	47
940675	WSTCANCLIFT	04/20/94	9:35	19.4	7.1	7.9	839	12	25		4.0	0.115	470	41
941390	WSTCANCLIFT	07/20/94	10:22	24.5	7.7	6.7	555	14	30		3.4	0.112	610	55
941400	WSTCANCLIFT	07/20/94	10:22	24.5	7.7	6.7	556	14	35		3.5	0.104	500	43
931698	YOLOBYTOE080	10/19/93	13:40	19.2	8.2	10.1	1600	26	60		8.3	0.155	840	79
940061	YOLOBYTOE080	01/11/94	11:31	10.2	5.5	8.2	900	37	60		6.2	0.141	720	69
940626	YOLOBYTOE080	04/19/94	12:50	22.9	8.1	9.1	657	58	50		4.6	0.129	460	44
941169	YOLOBYTOE080	06/21/94	12:15	22.6	8.2	7.5	388	120	200		3.8	0.121	430	42
941351	YOLOBYTOE080	07/19/94	12:38	25.4	7.6	7.7	337	92	125		3.6	0.120	390	38

Note: Negative values signify reporting limits. Concentration of analyte below reporting limit.

B. MINOR ELEMENTS DATA REPORT

LAB#	STA. NAME	SAMP. DATE	TIME	TEMP °C	PH	DO mg/L	EC uS/cm	As mg/L	Ba mg/L	Fe mg/L	Cr mg/L	Cu mg/L	Mn mg/L	Hg mg/L	Zn mg/L	Li mg/L	Ni mg/L
940624	AGDCLIFTON	04/19/94	7:07	15.3	7.3	8.7	2460	0.002				-0.005					
941161	AGDCLIFTON	06/21/94	10:25	20.8	7.3	4.9	5020	0.003				-0.005					
941167	AGDCLIFTON	06/21/94	10:25	20.8	7.3	4.9	4990	0.003				-0.005					
941349	AGDCLIFTON	07/19/94	8:06	20.4	6.9	7.1	740	0.004				-0.005					
940608	AGDEMPIRE	04/18/94	10:20	19.7	7.6	6.8	2410	0.010									
940612	AGDEMPIRE	04/18/94	10:20	19.7	7.6	6.8	2460	0.012									
940634	BACONO1	04/19/94	8:10	17.1	7.3	8.9	572	0.004									
940635	BACONO2	04/19/94	8:25	16.7	7.3	7.5	478	0.003									
931641	BANKS	10/14/93	10:00	19.7	7.6	6.7	328	0.002									
931712	BANKS	10/20/93	8:25	18.0	7.5	9.1	325	0.002				-0.005					
931850	BANKS	11/10/93	10:50	15.2	8.0	9.2	390	0.002				-0.005					
931853	BANKS	11/10/93	10:50	15.2	8.0	9.2	393	0.002				-0.005					
932027	BANKS	12/15/93	8:40	10.2	7.8	10.2	465	-0.001				-0.005					
940075	BANKS	01/12/94	10:20	7.5	6.5	10.4	414	0.002				-0.005					
940196	BANKS	01/19/94	11:15	9.8	7.3	9.1	438	0.002				-0.005					
940317	BANKS	02/17/94	10:40	11.4	7.6	10.9	436	0.002				-0.005					
940498	BANKS	03/24/94	10:15	14.5	6.8	9.7	495	0.002				-0.005					
940641	BANKS	04/20/94	9:10	18.5	7.9	8.5	494	0.002				-0.005					
940857	BANKS	05/19/94	9:28	17.2	7.8	8.7	501	0.002				-0.005					
941024	BANKS	06/22/94	10:20	20.2	7.8	8.6	565	0.003				-0.005					
941366	BANKS	07/20/94	9:45	23.8	8.2	8.1	538	0.003				-0.005					
941769	BANKS	08/25/94	10:30	23.3	8.1	7.7	551	0.003				-0.005					
941909	BANKS	09/22/94	10:30	22.5	7.7	5.6	663	0.003				-0.005					
931631	BARKERNOBAY	10/05/93	6:15	15.0	7.8	6.5	256	0.003									
931727	BARKERNOBAY	10/20/93	9:25	16.8	7.3	7.9	305	0.002				-0.005					
931916	BARKERNOBAY	11/17/93	7:18	9.8	6.3	9.4	233	0.002				-0.005					
931995	BARKERNOBAY	12/16/93	8:05	9.8	7.3	10.4	367	-0.001				-0.005					
940026	BARKERNOBAY	01/05/94	12:05	8.5	7.6	10.5	328	0.002				-0.005					
940090	BARKERNOBAY	01/12/94	9:12	7.9	7.8	10.9	320	0.002				-0.005					
940276	BARKERNOBAY	02/09/94	12:35	11.1	7.6	9.8	358	0.002				0.005					
940430	BARKERNOBAY	03/09/94	7:30	14.2	7.5	8.5	494	0.002				-0.005					
940656	BARKERNOBAY	04/20/94	8:30	17.7	7.6	8.5	406	0.003				-0.005					
940817	BARKERNOBAY	05/26/94	8:25	18.9	7.7	8.0	355	0.003				-0.005					
941061	BARKERNOBAY	06/16/94	6:30	18.7	7.2	8.5	296	0.003				-0.005					
941064	BARKERNOBAY	06/16/94	8:25	19.3	7.5	7.7	290	0.003				-0.005					
941381	BARKERNOBAY	07/20/94	6:30	18.7	7.9	9.1	259	0.003				-0.005					
941754	BARKERNOBAY	08/23/94	8:45	20.8	7.8	7.4	239	0.003				-0.005					
941757	BARKERNOBAY	08/23/94	8:30	20.8	7.8	7.4	239	0.003				-0.005					
941897	BARKERNOBAY	09/20/94	10:13	20.8	7.5	5.1	264	0.003				-0.005					
940614	BOULDIN1	04/18/94	7:50	18.5	7.1	2.4	454	0.007									
940615	BOULDIN2	04/18/94	8:30	18.5	7.5	6.7	443	0.013									
940598	BRANNANPP01	04/18/94	6:49	16.5	7.2	5.6	475	0.010									
940605	BRANNANPP01	04/18/94	6:49	16.5	7.2	5.6	475	0.009									
940604	BRANNANPP02	04/18/94	7:17	15.9	6.8	1.7	520	0.028									
940603	BRANNANPP03	04/18/94	7:33	16.7	6.6	2.0	1490	0.003									
940602	BRANNANPP04	04/18/94	7:47	16.7	7.3	6.8	803	0.006									
931633	CONCOSPP1	10/05/93	8:30	19.5	7.3	6.4	368	0.002									
931729	CONCOSPP1	10/20/93	12:10	18.5	8.2	9.2	458	0.002				-0.005					
931913	CONCOSPP1	11/17/93	9:53	10.0	6.6	9.1	648	0.002				-0.005					
931918	CONCOSPP1	11/17/93	9:53	12.3	6.3	10.5	647	0.002				-0.005					

Note: Negative values signify reporting limits. Concentration of analyte below reporting limit.

MINOR ELEMENTS DATA REPORT

LAB#	STA. NAME	SAMP. DATE	TIME	TEMP oC	PH	DO mg/L	EC uS/cm	As mg/L	Ba mg/L	Fe mg/L	Cr mg/L	Cu mg/L	Mn mg/L	Hg mg/L	Zn mg/L	Li mg/L	Ni mg/L
931997	CONCOSPP1	12/16/93	11:00	9.8	7.3	10.9	566	-0.001				-0.005					
940028	CONCOSPP1	01/05/94	10:35	8.4	8.4	10.4	403	-0.001				-0.005					
940092	CONCOSPP1	01/12/94	11:11	9.1	8.2	11.0	482	0.002				-0.005					
940273	CONCOSPP1	02/09/94	9:55	10.6	7.8	12.8	388	0.002				-0.005					
940278	CONCOSPP1	02/09/94	9:55	10.6	7.8	12.8	388	0.002				-0.005					
940658	CONCOSPP1	04/20/94	10:35	19.8	8.4	8.9	375	0.002				-0.005					
940819	CONCOSPP1	05/26/94	10:30	22.1	8.3	7.8	427	0.002				-0.005					
941066	CONCOSPP1	06/16/94	10:30	21.8	7.6	7.1	407	0.002				-0.005					
941383	CONCOSPP1	07/20/94	9:15	22.2	8.2	7.8	666	0.002				-0.005					
941759	CONCOSPP1	08/23/94	10:30	24.1	8.3	7.4	703	0.002				-0.005					
941899	CONCOSPP1	09/20/94	12:51	22.9	7.9	6.5	935	0.002				-0.005					
940653	DELTACRCHAN	04/20/94	6:45	18.7	7.4	10.1	186	0.002									
940642	DMC	04/20/94	9:30	19.6	7.9	8.5	846	0.002				-0.005					
941367	DMC	07/20/94	10:25	24.2	7.9	7.5	486	0.002				-0.005					
940667	FALSETIP-WEBB	04/20/94	7:25	17.4	7.9	8.9	320	0.002									
940654	GEORGLWALNUT	04/20/94	7:05	18.5	7.3	10.0	186	0.002									
940644	GRANTLNCAN	04/20/94	10:25	19.6	7.8	9.6	824	0.002									
940677	GRANTOLD	04/20/94	9:55	19.5	7.2	8.2	922	0.002									
931634	GREENES	10/05/93	9:45	18.6	7.5	6.9	139	0.002									
931723	GREENES	10/20/93	6:25	15.7	7.1	8.8	134	0.001				-0.005					
931919	GREENES	11/17/93	11:09	11.7	7.8	10.3	154	0.001				-0.005					
931998	GREENES	12/16/93	12:15	10.3	7.5	10.4	133	-0.001				-0.005					
940029	GREENES	01/05/94	7:15	9.2	6.9	12.1	163	0.002				-0.005					
940086	GREENES	01/12/94	7:16	8.8	7.3	10.7	196	0.002				-0.005					
940279	GREENES	02/09/94	7:35	9.7	7.7	12.4	253	0.002				-0.005					
940433	GREENES	03/09/94	10:52	14.7	7.7	9.5	206	0.002				-0.005					
940652	GREENES	04/20/94	6:15	18.0	7.3	10.3	188	0.002				-0.005					
940820	GREENES	05/26/94	12:55	21.7	7.5	8.5	193	0.002				-0.005					
941067	GREENES	06/16/94	13:00	22.3	7.8	8.2	151	0.002				-0.005					
941760	GREENES	08/23/94	12:40	23.2	7.7	7.6	184	0.002				-0.005					
941900	GREENES	09/20/94	14:39	21.9	7.5	6.9	182	0.002				-0.005					
940601	HOLLAND01	04/18/94	8:50	19.6	7.8	5.8	1940	0.005									
940600	HOLLAND02	04/18/94	9:09	19.0	7.3	5.4		0.005									
940599	HOLLAND03	04/18/94	9:30	18.9	7.7	8.4	1130	0.010									
940661	HONKER	04/20/94	12:24	20.3	7.8	8.9	461	0.002									
940610	KINGISPP01	04/18/94	11:10	19.6	7.6	7.6	349	0.013									
940611	KINGISPP03	04/18/94	10:45	21.1	7.8	5.1	1260	0.022									
940662	LCONNECT	04/20/94	12:40	20.5	7.9	9.4	236	0.002									
940630	LJONES01	04/19/94	7:40	16.2	7.2	9.4	847	0.004									
940633	LJONES01	04/19/94	7:40	16.3	7.1	9.5	842	0.004									
940638	LJONES02	04/19/94	9:45	19.3	6.9	4.1	480	0.002									
940660	LPOTTERM	04/20/94	11:44	20.2	7.8	9.0	225	0.002									
940657	MALLARDIS	04/20/94	9:52	18.8	7.7	9.2	5850	0.002									
940636	MANDEVILLEPPO1	04/19/94	8:47	17.5	6.9	8.8	475	0.005									
940637	MANDEVILLEPPO2	04/19/94	9:15	16.4	7.1	8.4	347	0.007									
940619	MAZE	04/19/94	10:20	20.3	7.7	8.6	1050	0.003									
940646	MIDDLER	04/20/94	11:45	20.2	7.9	8.6	442	0.002									
940639	MIDMOWRY	04/20/94	10:50	20.4	7.8	9.3	804	0.002									
940645	MIDMOWRY	04/20/94	10:50	20.4	7.8	9.3	802	0.002									
940659	MOKGEORGIANA	04/20/94	11:25	20.2	7.9	9.6	196	0.002									

Note: Negative values signify reporting limits. Concentration of analyte below reporting limit.

MINOR ELEMENTS DATA REPORT

LAB#	STA. NAME	SAMP. DATE	TIME	TEMP oC	PH	DO mg/L	EC uS/cm	As mg/L	Ba mg/L	Fe mg/L	Cr mg/L	Cu mg/L	Mn mg/L	Hg mg/L	Zn mg/L	Li mg/L	Ni mg/L
940647	MRIVBACON	04/20/94	12:20	20.4	7.9	8.9	441	0.002									
940625	NATOMAS	04/19/94	12:30	23.4	7.9	6.4	504	0.008									
940674	NORTHCAN	04/20/94	9:20	19.4	7.2	7.9	506	0.002									
940672	NVICWOOD	04/20/94	8:50	19.5	7.2	8.0	417	0.002									
940676	OLDR-DMC-CLIFT	04/20/94	9:45	19.7	7.2	8.1	888	0.002									
940678	OLDRIVDMC	04/20/94	10:10	19.5	7.4	8.1	872	0.002									
940643	OLDRTRACY	04/20/94	10:00	19.2	7.8	9.0	942	0.002									
940607	ORWOODPP	04/18/94	10:30	21.0	7.0	5.5	555	0.002									
940606	PALMTRPP	04/18/94	10:10	20.8	7.1	3.9	637	0.006									
940621	PESCADERO01	04/19/94	8:00	15.1	7.2	7.5	1540	0.004									
940622	PESCADERO02	04/19/94	8:25	15.1	7.2	7.5	1480	0.002									
940623	PESCADERO03	04/19/94	8:45	15.3	7.4	8.4	1410	0.003									
940609	RINDGEPP02	04/18/94	11:45	20.7	7.4	4.5	950	0.011									
940670	ROCKSL	04/20/94	8:15	18.7	8.0	7.9	357	0.002									
940651	SACRRIOVISTA	04/20/94	7:45	17.8	7.7	8.9	212	0.002									
940655	SACRRIOVISTA	04/20/94	7:45	17.9	7.7	8.8	212	0.002									
940618	SACWSACINT	04/19/94	13:15	21.7	8.2	9.4	187	0.003									-0.005
940627	SACWSACINT	04/19/94	13:15	21.7	8.2	9.4	186	0.002									-0.005
940822	SACWSACINT	05/26/94	6:00	19.5	7.7	8.7	170	0.003									-0.005
941069	SACWSACINT	06/16/94	6:15	19.8	7.3	8.2	156	0.002									0.011
941170	SACWSACINT	06/21/94	5:45	19.6	6.6	8.4	147	0.002									-0.005
941352	SACWSACINT	07/19/94	13:02	23.4	7.0	9.8	135	0.002									0.011
941762	SACWSACINT	08/23/94	6:30	20.2	6.9	7.5	194	0.002									-0.005
941902	SACWSACINT	09/20/94	7:26	19.2	7.9	6.1	175	0.002									-0.005
940668	SANDMOUND	04/20/94	7:45	17.8	8.0	8.8	332	0.002									
931992	SANLUIS	12/08/93	11:00	9.6	7.5	10.8	554	-0.001									-0.005
940671	SANTAFEBACON	04/20/94	8:35	19.0	8.0	7.9	408	0.002									
940666	SJRJERSEY	04/20/94	7:05	16.5	7.3	9.0	331	0.002									
940640	SJRMOSSDALE	04/20/94	8:15	19.5	7.9	8.7	880	0.002									
940616	STATENPPO1	04/18/94	7:00	18.5	7.4	2.1	654	0.019									
940617	STATENPPO2	04/18/94	6:30	18.8	7.1	5.3	453	0.009									
940665	STATION04B	04/20/94	8:00	18.4	8.1	8.3	348	0.002									
940669	STATION04B	04/20/94	8:00	18.4	8.1	8.3	348	0.002									
940673	STATION09	04/20/94	9:05	19.5	7.0	7.9	473	0.002									
940648	TURNERCUT	04/20/94	13:00	20.6	7.8	8.1	696	0.002									
940632	UPJONESPPO2	04/19/94	7:30	16.6	7.2	4.7	979	0.007									
940613	VENICE	04/18/94	9:30	16.4	7.2	6.2	535	0.011									
931639	VERNALIS	10/14/93	10:45	18.7	7.5	6.9	195	0.002									
931692	VERNALIS	10/19/93	10:05	17.1	7.0	9.1	298	0.001									-0.005
931851	VERNALIS	11/10/93	12:00	15.0	7.9	8.8	761	0.002									-0.005
932025	VERNALIS	12/15/93	9:45	11.2	7.8	9.8	735	-0.001									-0.005
940055	VERNALIS	01/11/94	7:30	8.2	7.7	9.1	736	0.001									-0.005
940194	VERNALIS	01/19/94	12:00	11.5	7.3	8.8	838	0.001									-0.005
940315	VERNALIS	02/17/94	11:50	12.1	7.7	10.0	1000	0.002									-0.005
940496	VERNALIS	03/24/94	11:30	14.3	6.8	10.4	824	0.002									-0.005
940620	VERNALIS	04/19/94	9:55	19.7	7.8	8.9	871	0.002									-0.005
940855	VERNALIS	05/19/94	10:35	18.5	7.6	8.4	717	0.002									-0.005
941021	VERNALIS	06/22/94	11:30	22.8	8.2	10.5	870	0.002									-0.005
941022	VERNALIS	06/22/94	11:30	22.8	8.2	10.5	855	0.002									-0.005
941345	VERNALIS	07/19/94	9:52	22.4	8.1	9.2	911	0.002									-0.005

Note: Negative values signify reporting limits. Concentration of analyte below reporting limit.

MINOR ELEMENTS DATA REPORT

LAB#	STA. NAME	SAMP. DATE	TIME	TEMP oC	PH	DO mg/L	EC uS/cm	As mg/L	Ba mg/L	Fe mg/L	Cr mg/L	Cu mg/L	Mn mg/L	Hg mg/L	Zn mg/L	Li mg/L	Ni mg/L
941767	VERNALIS	08/25/94	12:31	24.0	8.0	8.8	838	0.002				-0.005					
941906	VERNALIS	09/22/94	11:50	23.1	7.5	6.1	663	0.003				-0.005					
941907	VERNALIS	09/22/94	12:15	24.1	8.2	9.6	974	0.002				-0.005					
940631	WOODWARDPP	04/19/94	6:55	17.3	7.1	7.1	455	0.003									
940675	WSTCANCLIFT	04/20/94	9:35	19.4	7.1	7.9	839	0.002									
940626	YOLOBYTOE080	04/19/94	12:50	22.9	8.1	9.1	657	0.005									

Note: Negative values signify reporting limits. Concentration of analyte below reporting limit.

C. MINERAL DATA REPORT

LAB#	STA. NAME	SAMP. DATE	TIME	TEMP	pH	DO	EC	Na	Cl	Br	Se	Asbest	Hard.	Ca	Mg	K	ALK	SO4	B	TDS	
				oC																	mg/L
931696	AGDCLIFTON	10/19/93	9:00	16.3	7.2	5.8	5720	993	1360	3.73	0.002		658	92	104	1.9	400	606	16.	3550	
940059	AGDCLIFTON	01/11/94	9:00	12.7	7.3	6.1	6420	1130	1600	4.14	0.003		805	113	127	1.	388	666	17.	4000	
940624	AGDCLIFTON	04/19/94	7:07	15.3	7.3	8.7	2460	366	510	1.36	-0.001		402	67	57	3.4	161	298	3.9	1480	
941161	AGDCLIFTON	06/21/94	10:25	20.8	7.3	4.9	5020	840	1090	3.12	0.003		700	102	108	2.	340	599	12.	3130	
941167	AGDCLIFTON	06/21/94	10:25	20.8	7.3	4.9	4990	843	1140	3.20	0.002		722	106	111	2.	337	568	12.	3090	
941349	AGDCLIFTON	07/19/94	8:06	20.4	6.9	7.1	740	91	147	0.42	-0.001		139	26	18	3.7	68	61	0.4	446	
931684	AGDEMPIRE	10/18/93	8:30	16.2	7.3	4.4	2440	245	690	2.72			603	129	68	2.8	181	17	0.2	1380	
940043	AGDEMPIRE	01/10/94	8:45	9.0	6.7	3.8	486	33	65	0.18			158	35	17	4.2	80	51	0.2	343	
940047	AGDEMPIRE	01/10/94	8:45	9.0	6.7	3.8	485	33	65	0.19			160	36	17	4.	80	51	0.2	335	
940608	AGDEMPIRE	04/18/94	10:20	19.7	7.6	6.8	2410	238	633	2.60			637	138	71	2.7	175	53	0.3	1410	
940612	AGDEMPIRE	04/18/94	10:20	19.7	7.6	6.8	2460	234	673	2.48			632	136	71	2.7	177	54	0.3	1430	
941126	AGDEMPIRE	06/20/94	10:45	22.4	6.7	6.2	637	54	98	0.36			184	41	20	1.7	76	64	0.2	403	
941337	AGDEMPIRE	07/18/94	7:25	20.5	6.8		468	38	74	0.27			146	32	16	1.2	80	35	0.2	321	
931629	AMERICAN	10/05/93	10:40	17.8	7.0	6.7	54	4	3	-0.01			16	5	1	0.6	19	2	-0.1	38	
931914	AMERICAN	11/17/93	11:50	13.5	7.8	9.7	50	2	2	-0.01			16	5	1	0.6	20	2	-0.1	37	
931993	AMERICAN	12/08/93	8:15	12.9	6.3	10.1	54	2	2	-0.01			20	5	2	0.6	21	2	-0.1	38	
940024	AMERICAN	01/05/94	13:55	10.5	7.9	11.0	57	3	2	-0.01			23	6	2	0.6	21	3	-0.1	38	
940274	AMERICAN	02/09/94	14:00	11.0	7.6	13.4	61	2	2	-0.01			23	6	2	0.6	24	3	-0.1	41	
940428	AMERICAN	03/09/94	11:40	13.1	8.0	10.9	70	3	2	-0.01			23	6	2	0.6	27	3	-0.1	48	
940815	AMERICAN	05/26/94	7:20	17.4	7.7	8.9	70	3	3	-0.01			23	6	2	0.6	26	3	-0.1	47	
941062	AMERICAN	06/16/94	7:20	15.1	7.9	9.1	65	3	2	-0.01			23	6	2	0.6	25	3	-0.1	42	
941755	AMERICAN	08/23/94	13:20	23.7	7.8	8.1	62	2	3	-0.01			23	6	2	0.6	24	3	-0.1	42	
941895	AMERICAN	09/20/94	8:46	21.8	7.5	5.2	62	5	3	-0.01			23	6	2	0.8	24	3	-0.1	44	
931705	BACONO1	10/19/93	8:24	15.0	6.2	3.2	682	71	124	0.44			158	35	17	2.6	86	51	0.2	406	
940068	BACONO1	01/11/94	10:10	9.1	7.1	6.7	770	73	121	0.35			206	46	22	3.	74	107	0.2	491	
940634	BACONO1	04/19/94	8:10	17.1	7.3	8.9	572	67	92	0.32			134	29	15	1.9	98	33	0.2	350	
941177	BACONO1	06/22/94	8:00	19.9	7.1	6.9	453	45	61	0.18			115	23	14	2.6	67	52	0.2	258	
941359	BACONO1	07/19/94	7:30	21.0	7.7	6.4	501	56	95	0.27			110	21	14	3.2	58	44	0.1	292	
931706	BACONO2	10/19/93	8:49	13.9	6.3	7.5	379	34	42	0.12			100	22	11	2.8	55	54	0.2	248	
940069	BACONO2	01/11/94	10:30	8.3	6.8	7.2	841	71	113	0.22			249	57	26	7.9	66	175	0.2	581	
940635	BACONO2	04/19/94	8:25	16.7	7.3	7.5	478	46	60	0.18			127	26	15	2.6	80	54	0.2	287	
941178	BACONO2	06/22/94	8:15	19.5	7.1	7.2	446	44	61	0.20			111	23	13	2.6	67	50	0.2	252	
941360	BACONO2	07/19/94	8:00	20.5	7.1	7.1	498	57	88	0.29			105	19	14	3.1	60	38	0.1	285	
931641	BANKS	10/14/93	10:00	19.7	7.6	6.7	328	34	48	0.15	-0.001		74	15	9	2.2	64	19	0.1	188	
931712	BANKS	10/20/93	8:25	18.0	7.5	9.1	325	33	47	0.15	-0.001		68	14	8	2.1	59	21	0.1	183	
931850	BANKS	11/10/93	10:50	15.2	8.0	9.2	390	43	66	0.22	-0.001		78	15	10	2.4	59	24	0.1	215	
931853	BANKS	11/10/93	10:50	15.2	8.0	9.2	393	46	65	0.22	-0.001		82	15	11	2.4	60	25	0.1	212	
932027	BANKS	12/15/93	8:40	10.2	7.8	10.2	465	53	81	0.27	-0.001		85	16	11	3.2	60	28	0.1	254	
940075	BANKS	01/12/94	10:20	7.5	6.5	10.4	414	43	58	0.18	-0.001		92	19	11	2.9	64	40	0.2	240	
940196	BANKS	01/19/94	11:15	9.8	7.3	9.1	438	45	62	0.18	-0.001		109	22	13	2.6	67	46	0.2	256	
940317	BANKS	02/17/94	10:40	11.4	7.6	10.9	436	42	60	0.18	-0.001		109	22	13	2.7	72	43	0.2	254	
940498	BANKS	03/24/94	10:15	14.5	6.8	9.7	495	49	65	0.18	-0.001		127	26	15	2.8	78	57	0.2	292	
940641	BANKS	04/20/94	9:10	18.5	7.9	8.5	494	50	66	0.19	-0.001		122	24	15	3.	79	56	0.3	286	
940775	BANKS	05/04/94	8:39	16.5	7.1	8.9					-0.001										
940857	BANKS	05/19/94	9:28	17.2	7.8	8.7	501	52	69	0.20	-0.001		124	25	15	2.7	79	58	0.3	286	
941024	BANKS	06/22/94	10:20	20.2	7.8	8.6	565	61	79	0.24	-0.001		134	27	16	2.9	84	65	0.4	318	
941366	BANKS	07/20/94	9:45	23.8	8.2	8.1	538	64	101	0.30	-0.001		107	18	15	3.4	67	36	0.2	296	
941769	BANKS	08/25/94	10:30	23.3	8.1	7.7	551	67	111	0.34	-0.001		104	17	15	3.5	63	31	0.1	290	
941906	BANKS	09/22/94	10:30	22.5	7.7	5.6	663	83	126	0.42	-0.001		114	16	18	4.1	73	33	0.1	353	

Note: Negative values signify reporting limits. Concentration of analyte below reporting limit.

MINERAL DATA REPORT

LAB#	STA. NAME	SAMP. DATE	TIME	TEMP	pH	DO	EC	Na	Cl	Br	Se	Asbest	Hard.	Ca	Mg	K	ALK	SO4	B	TDS
				oC	mg/L	uS/cm	mg/L	mg/L	mg/L	mg/L	MF/L	←-----mg/L----->								
941909	BANKS	09/22/94	10:30	22.5	7.7	5.6	663	84	134	0.44	-0.001		114	16	18	4.1	74	29	0.1	356
931631	BARKERNOBAY	10/05/93	6:15	15.0	7.8	6.5	256	20	15	0.03			82	15	11	1.8	88	16	0.1	146
931727	BARKERNOBAY	10/20/93	9:25	16.8	7.3	7.9	305	25	24	0.04	-0.001		94	16	13	2.4	91	21	0.2	175
931916	BARKERNOBAY	11/17/93	7:18	9.8	6.3	9.4	233	18	14	0.03	-0.001		74	13	10	1.8	76	15	0.1	134
931995	BARKERNOBAY	12/16/93	8:05	9.8	7.3	10.4	367	32	35	0.04	-0.001		104	17	15	3.1	96	32	0.2	211
940026	BARKERNOBAY	01/05/94	12:05	8.5	7.6	10.5	328	29	27	0.04	-0.001		98	16	14	2.	93	28	0.2	186
940090	BARKERNOBAY	01/12/94	9:12	7.9	7.8	10.9	320	27	24	0.04	-0.001		96	17	13	2.2	95	26	0.2	84
940276	BARKERNOBAY	02/09/94	12:35	11.1	7.6	9.8	358	38	31	0.03	-0.001		90	13	14	3.	99	29	0.2	215
940430	BARKERNOBAY	03/09/94	7:30	14.2	7.5	8.5	494	49	48	0.07	-0.001		135	21	20	2.4	124	50	0.3	287
940656	BARKERNOBAY	04/20/94	8:30	17.7	7.6	8.5	406	36	32	0.07	-0.001		131	21	19	2.3	121	36	0.3	234
940817	BARKERNOBAY	05/26/94	8:25	18.9	7.7	8.0	355	28	25	0.05	-0.001		111	18	16	2.7	110	28	0.2	211
941061	BARKERNOBAY	06/16/94	8:25	19.3	7.5	7.7	296	24	21	0.06	-0.001		98	16	14	2.2	96	21	0.2	179
941064	BARKERNOBAY	06/16/94	8:25	19.3	7.5	7.7	290	23	21	0.06	-0.001		94	16	13	2.1	92	21	0.2	170
941381	BARKERNOBAY	07/20/94	6:30	18.7	7.9	9.1	259	20	18	0.04	-0.001		84	14	12	2.4	84	19	0.2	160
941754	BARKERNOBAY	08/23/94	8:30	20.8	7.8	7.4	239	18	15	0.03	-0.001		80	12	12	2.1	80	14	0.1	142
941757	BARKERNOBAY	08/23/94	8:30	20.8	7.8	7.4	239	18	15	0.03	-0.001		78	13	11	2.	80	15	0.1	138
941897	BARKERNOBAY	09/20/94	10:13	20.8	7.5	5.1	264	20	16	0.03	-0.001		91	15	13	2.2	93	16	0.1	158
931686	BOULDIN1	10/18/93	10:20	16.9	7.4	7.9	510	58	51	0.24			130	29	14	3.9	169	15	0.2	311
940049	BOULDIN1	01/10/94	13:00	9.5	6.9	3.6	445	25	32	0.23			169	38	18	7.3	163	16	0.2	822
940614	BOULDIN1	04/18/94	7:50	18.5	7.1	2.4	454	42	34	0.13			144	31	16	2.4	97	56	0.2	300
941128	BOULDIN1	06/20/94	8:30	19.9	6.7	5.6	227	17	16	0.07			70	15	8	1.6	67	18	0.1	148
941333	BOULDIN1	07/18/94	10:40	21.7	7.3		161	12	8	0.07			62	13	7	1.4	54	11	-0.1	111
941339	BOULDIN1	07/18/94	10:40	21.7	7.3		161	12	8	0.07			59	12	7	1.1	54	11	-0.1	112
931680	BOULDIN2	10/18/93	10:45	17.4	6.9	3.1	457	30	24	0.21			180	39	20	4.9	157	37	0.4	371
931687	BOULDIN2	10/18/93	10:45	17.4	6.9	3.1	466	30	25	0.20			182	40	20	5.1	162	39	0.4	375
940050	BOULDIN2	01/10/94	13:30	8.7	7.2	6.4	413	24	24	0.36			168	36	19	4.9	156	16	0.3	340
940615	BOULDIN2	04/18/94	8:30	18.5	7.5	6.7	443	41	48	0.25			143	29	17	2.1	108	39	0.3	318
941129	BOULDIN2	06/20/94	9:10	21.1	6.6	6.1	334	29	22	0.13			100	20	12	1.6	76	38	0.2	228
941340	BOULDIN2	07/18/94	9:20	22.3	7.5		204	15	13	0.10			70	15	8	1.2	64	17	0.1	146
931677	BRANNANPPO1	10/18/93	10:20	15.9	7.2	5.4	347	36	46	0.18			84	17	10	2.5	83	8	0.2	230
940040	BRANNANPPO1	01/10/94	8:00	8.6	7.0	5.4	573	50	62	0.10			180	34	23	4.	98	79	0.2	400
940598	BRANNANPPO1	04/18/94	6:49	16.5	7.2	5.6	475	45	61	0.23			135	26	17	2.2	95	37	0.2	334
940605	BRANNANPPO1	04/18/94	6:49	16.5	7.2	5.6	475	44	61	0.23			135	26	17	2.5	95	37	0.2	329
941118	BRANNANPPO1	06/20/94	6:56	19.9	6.8	4.1	325	27	31	0.12			94	18	12	2.1	66	34	0.1	211
941329	BRANNANPPO1	07/18/94	7:20	20.0	6.8	6.3	247	22	28	0.12			72	14	9	1.9	57	21	0.1	162
931676	BRANNANPPO2	10/18/93	10:00	16.4	6.6	2.8	479	37	73	0.34			135	26	17	3.5	84	3	0.2	345
940039	BRANNANPPO2	01/10/94	8:26	9.8	6.6	2.6	527	41	71	0.32			157	30	20	3.9	85	35	0.2	368
940604	BRANNANPPO2	04/18/94	7:17	15.9	6.8	1.7	520	36	70	0.36			150	27	20	2.8	120	3	0.1	315
941117	BRANNANPPO2	06/20/94	6:49	17.8	6.5	1.4	512	40	76	0.41			143	26	19	3.9		2	0.2	328
941328	BRANNANPPO2	07/18/94	8:00	18.5	6.8	3.3	447	38	64	0.31			139	26	18	2.8	93	37	0.4	346
931675	BRANNANPPO3	10/18/93	9:45	17.0	7.3	5.0	1030	123	195	0.76			229	42	30	3.5	201	34	0.5	608
940038	BRANNANPPO3	01/10/94	8:46	8.7	6.7	6.1	1050	92	107	0.15			339	60	46	4.2	108	252	0.3	732
940603	BRANNANPPO3	04/18/94	7:33	16.7	6.6	2.0	1490	84	233	0.54			537	93	74	5.6	228	193	0.3	907
941116	BRANNANPPO3	06/20/94	7:06	18.0	6.7	5.2	1520	85	260	0.56			586	103	80	5.8	208	208	0.4	885
941327	BRANNANPPO3	07/18/94	8:15	19.4	6.5	5.6	359	32	44	0.13			108	20	14	1.7	68	41	0.2	234
931674	BRANNANPPO4	10/18/93	9:25	17.6	7.0	3.8	948	112	160	0.61			215	40	28	2.6	198	26	0.4	564
940037	BRANNANPPO4	01/10/94	9:04	9.1	6.7	6.8	592	59	72	0.17			166	30	22	1.9	92	80	0.3	385
940602	BRANNANPPO4	04/18/94	7:47	16.7	7.3	6.8	803	74	117	0.41			239	43	32	2.9	158	72	0.3	509
941115	BRANNANPPO4	06/20/94	7:18	19.1	7.0	4.7	450	41	52	0.20			137	25	18	2.1	100	39	0.2	289

Note: Negative values signify reporting limits. Concentration of analyte below reporting limit.

MINERAL DATA REPORT

LAB#	STA. NAME	SAMP. DATE	TEMP TIME	pH	DO mg/L	EC uS/cm	Na mg/L	Cl mg/L	Br mg/L	Se mg/L	Asbest MF/L	←-----mg/L----->									
												Hard.	Ca	Mg	K	ALK	SO4	B	TDS		
941322	BRANNANPP04	07/18/94	8:30	19.4	6.9	6.7	429	49	67	0.25		103	18	14	3.2	81	26	0.2	266		
941326	BRANNANPP04	07/18/94	8:30	19.4	6.9	6.7	431	48	68	0.23		105	19	14	3.	81	26	0.2	268		
931642	CLIFTON	10/14/93	9:20	19.8	7.4	6.4	287	27	35	0.10		70	15	8	2.1	61	21	0.1	170		
931854	CLIFTON	11/10/93	10:00	15.2	7.7	8.5	418	50	71	0.26		80	14	11	2.7	54	21	-0.1	226		
932024	CLIFTON	12/15/93	8:05	10.2	7.7	10.2	490	57	92	0.31		87	15	12	3.4	58	26	-0.1	266		
932028	CLIFTON	12/15/93	8:05	10.2	7.7	10.2	490	57	93	0.32		87	15	12	3.5	58	26	-0.1	266		
940197	CLIFTON	01/19/94	10:30	8.8	7.0	9.0	367	35	52	0.15		97	19	12	2.6	62	31	0.1	216		
940318	CLIFTON	02/17/94	10:15	11.2	7.3	10.9	415	40	56	0.17		106	21	13	2.7	73	38	0.1	242		
940499	CLIFTON	03/24/94	9:50	14.1	7.0	9.6	437	41	54	0.14		118	24	14	2.7	77	47	0.2	258		
940854	CLIFTON	05/19/94	8:57	18.2	8.0	8.3	608	62	85	0.23		152	31	18	2.9	86	74	0.3	344		
940858	CLIFTON	05/19/94	8:57	18.2	8.0	8.3	599	62	84	0.24		152	31	18	2.9	86	74	0.3	346		
941025	CLIFTON	06/22/94	9:50	23.0	7.4	7.0	450	46	64	0.20		106	21	13	2.5	75	45	0.2	248		
941770	CLIFTON	08/25/94	9:10	24.1	8.0	7.6	597	75	129	0.39		104	15	16	3.9	60	27	0.1	312		
941910	CLIFTON	09/22/94	9:55	23.3	7.8	6.0	667	83	132	0.43		122	19	18	4.	78	34	0.1	358		
931633	CONCOSPP1	10/05/93	8:30	19.5	7.3	6.4	368	40	55	0.16		82	15	11	2.	69	22	-0.1	203		
931729	CONCOSPP1	10/20/93	12:10	18.5	8.2	9.2	458	54	82	0.25	-0.001	87	15	12	2.6	65	25	0.1	247		
931913	CONCOSPP1	11/17/93	9:53	12.3	6.3	10.5	648	82	138	0.48	-0.001	102	16	15	4.1	58	31	0.1	347		
931918	CONCOSPP1	11/17/93	9:53	12.3	6.3	10.5	647	82	142	0.48	-0.001	102	16	15	4.	58	31	0.1	347		
931997	CONCOSPP1	12/16/93	11:00	9.8	7.3	10.9	566	69	110	0.38	-0.001	91	15	13	3.8	61	29	0.2	306		
940028	CONCOSPP1	01/05/94	10:35	8.4	8.4	10.4	403	45	67	0.21	-0.001	80	14	11	2.8	59	24	-0.1	219		
940092	CONCOSPP1	01/12/94	11:11	9.1	8.2	11.0	482	56	84	0.20	-0.001	90	16	12	2.9	64	30	0.1	269		
940273	CONCOSPP1	02/09/94	9:55	10.6	7.8	12.8	388	38	55	0.16	-0.001	92	17	12	2.5	70	29	0.1	222		
940278	CONCOSPP1	02/09/94	9:55	10.6	7.8	12.8	388	38	55	0.16	-0.001	94	18	12	2.6	70	30	0.1	224		
940658	CONCOSPP1	04/20/94	10:35	19.8	8.4	8.9	375	36	42	0.12	-0.001	104	20	13	2.3	82	35	0.2	214		
940819	CONCOSPP1	05/26/94	10:30	22.1	8.3	7.8	427	44	58	0.15	-0.001	106	21	13	2.5	77	43	0.2	233		
941066	CONCOSPP1	06/16/94	10:30	21.8	7.6	7.1	407	43	57	0.19	-0.001	94	18	12	2.6	76	36	0.2	221		
941383	CONCOSPP1	07/20/94	9:15	22.2	8.2	7.8	666	89	148	0.46	-0.001	116	15	19	4.5	62	31	0.1	351		
941759	CONCOSPP1	08/23/94	10:30	24.1	8.3	7.4	703	92	164	0.51	-0.001	106	15	18	4.4	60	30	0.1	359		
941899	CONCOSPP1	09/20/94	12:51	22.9	7.9	6.5	935	141	227	0.72	-0.001	140	18	23	5.6	72	40	0.1	503		
931724	DELTACRCHAN	10/20/93	7:20	16.0	7.1	8.5	120	6	5	-0.01		39	9	4	1.1	45	4	-0.1	80		
940653	DELTACRCHAN	04/20/94	6:45	18.7	7.4	10.1	186	12	9	0.02		66	13	8	1.4	65	10	-0.1	113		
931643	DMC	10/14/93	8:55	20.0	7.4	6.5	246	23	28	0.08	-0.001	57	13	6	1.7	49	21	-0.1	147		
931713	DMC	10/20/93	9:20	17.9	7.5	8.9	274	26	33	0.10	-0.001	64	14	7	1.9	56	21	-0.1	157		
931855	DMC	11/10/93	9:30	14.6	7.8	8.6	775	88	111	0.38	-0.001	180	39	20	2.7	112	89	0.4	445		
932029	DMC	12/15/93	9:00	10.2	7.9	10.0	380	40	62	0.20	-0.001	78	15	10	2.8	58	24	-0.1	211		
940076	DMC	01/12/94	10:50	7.2	7.1	10.2	508	55	69	0.20	-0.001	114	24	13	3.	73	60	0.3	292		
940193	DMC	01/19/94	10:00	9.5	7.5	8.9	704	78	105	0.31	-0.001	161	33	19	2.6	88	89	0.4	410		
940198	DMC	01/19/94	10:00	9.5	7.5	8.9	695	79	103	0.30	-0.001	163	34	19	2.7	86	90	0.4	406		
940319	DMC	02/17/94	11:00	11.1	7.4	10.7	422	40	57	0.18	-0.001	109	22	13	2.6	73	40	0.1	246		
940500	DMC	03/24/94	10:35	14.4	6.1	10.1	778	87	105	0.31	0.002	177	38	20	3.	91	114	0.5	460		
940642	DMC	04/20/94	9:30	19.6	7.9	8.5	846	95	125	0.36	-0.001	200	42	23	3.3	99	122	0.5	493		
940776	DMC	05/04/94	8:59	17.6	7.8	8.2					-0.001										
940859	DMC	05/19/94	9:45	18.0	7.7	8.4	556	58	74	0.22	-0.001	136	28	16	2.8	83	66	0.3	320		
941026	DMC	06/22/94	10:45	22.6	7.5	7.1	449	47	63	0.20	-0.001	106	21	13	2.5	75	45	0.2	246		
941367	DMC	07/20/94	10:25	24.2	7.9	7.5	486	63	92	0.30	-0.001	107	18	15	3.4	59	32	0.1	270		
941771	DMC	08/25/94	11:00	23.9	8.1	7.2	439	51	83	0.24	-0.001	91	15	13	2.9	60	22	0.1	231		
941911	DMC	09/22/94	11:20	23.2	7.7	5.8	643	82	125	0.43	-0.001	115	18	17	4.	75	33	0.1	346		
931738	FALSETIP-WEBB	10/20/93	7:19	12.8	7.0	8.4	524	66	108	0.36		84	14	12	3.3	58	22	-0.1	279		
940667	FALSETIP-WEBB	04/20/94	7:25	17.4	7.9	8.9	320	29	36	0.10		88	17	11	2.1	75	24	0.1	183		

Note: Negative values signify reporting limits. Concentration of analyte below reporting limit.

MINERAL DATA REPORT

LAB#	STA. NAME	SAMP. DATE	TEMP TIME	oC	pH	DO mg/L	EC uS/cm	Na mg/L	Cl mg/L	Br mg/L	Se mg/L	Asbest MF/L	Hard. ←	Ca mg/L	Mg mg/L	K mg/L	ALK mg/L	SO4 mg/L	B mg/L	TDS mg/L	→
941392	FALSETIP-WEBB	07/20/94	7:43	20.7	8.0	8.0	586	74	126	0.38			88	12	14	3.5	57	24	-0.1	313	
931725	GEORGLWALNUT	10/20/93	7:40	16.2	7.2	9.3	118	6	4	0.01			39	9	4	1.	45	4	-0.1	79	
940088	GEORGLWALNUT	01/12/94	7:50	8.9	7.7	10.8	175	11	7	0.02			62	13	7	1.6	66	8	-0.1	110	
940654	GEORGLWALNUT	04/20/94	7:05	18.5	7.3	10.0	186	11	9	0.02			66	13	8	1.4	66	9	-0.1	112	
931715	GRANTLNCAN	10/20/93	10:40	17.7	7.5	8.7	244	23	26	0.08			57	13	6	1.4	46	24	0.1	142	
940078	GRANTLNCAN	01/12/94	11:35	7.8	6.9	10.3	726	86	102	0.31			159	34	18	2.5	89	99	0.4	424	
940644	GRANTLNCAN	04/20/94	10:25	19.6	7.8	9.6	824	100	124	0.39			200	42	23	3.1	99	113	0.5	471	
941369	GRANTLNCAN	07/20/94	11:40	25.1	8.2	5.8	956	112	150	0.41			232	50	26	3.9	116	132	0.6	566	
931748	GRANTOLD	10/20/93	9:58	18.0	7.4	7.6	318	32	47	0.14			72	14	9	2.4	60	19	-0.1	180	
940677	GRANTOLD	04/20/94	9:55	19.5	7.2	8.2	922	106	133	0.40			211	45	24	3.3	108	130	0.6	542	
941402	GRANTOLD	07/20/94	10:48	25.5	7.8	6.2	852	95	136	0.41			186	38	22	3.5	102	106	0.5	496	
931634	GREENES	10/05/93	9:45	18.6	7.5	6.9	139	9	5	0.01			48	11	5	1.	53	6	-0.1	89	
931723	GREENES	10/20/93	6:25	15.7	7.1	8.8	134	7	6	-0.01	-0.001		42	10	4	1.1	47	5	-0.1	88	
931919	GREENES	11/17/93	11:09	11.7	7.8	10.3	154	9	7	0.01	-0.001		52	11	6	1.4	56	8	-0.1	98	
931998	GREENES	12/16/93	12:15	10.3	7.5	10.4	133	8	5	-0.01	-0.001		46	10	5	1.6	48	7	-0.1	89	
940029	GREENES	01/05/94	7:15	9.2	6.9	12.1	163	10	6	0.01	-0.001		54	12	6	1.5	61	8	-0.1	100	
940086	GREENES	01/12/94	7:16	8.8	7.3	10.7	196	12	9	0.02	-0.001		62	13	7	1.7	69	10	-0.1	122	
940279	GREENES	02/09/94	7:35	9.7	7.7	12.4	253	19	16	0.03	-0.001		81	16	10	1.6	80	19	-0.1	151	
940433	GREENES	03/09/94	10:52	14.7	7.7	9.5	206	13	8	0.02	-0.001		72	14	9	1.4	75	12	-0.1	128	
940652	GREENES	04/20/94	6:15	18.0	7.3	10.3	188	12	9	0.02	-0.001		66	13	8	1.5	66	11	-0.1	115	
940820	GREENES	05/26/94	12:55	21.7	7.5	8.5	193	13	10	0.02	-0.001		66	13	8	1.4	68	10	-0.1	116	
941067	GREENES	06/16/94	13:00	22.3	7.8	8.2	151	9	9	0.06	-0.001		50	10	6	1.2	53	6	-0.1	90	
941760	GREENES	08/23/94	12:40	23.2	7.7	7.6	184	12	10	0.02	-0.001		63	12	8	1.3	66	9	-0.1	110	
941900	GREENES	09/20/94	14:39	21.9	7.5	6.9	182	13	8	0.02	-0.001		63	12	8	1.5	72	8	-0.1	112	
931673	HOLLAND01	10/18/93	7:40	17.2	6.5	5.0	755	86	134	0.40			165	33	20	4.5	110	60	0.3	454	
940036	HOLLAND01	01/10/94	10:02	8.9	6.8	3.0	1640	185	247	0.66			451	85	58	10.	197	280	0.6	1050	
940601	HOLLAND01	04/18/94	8:50	19.6	7.8	5.8	1940	254	287	0.87			384	40	69	5.8	324	276	1.	1200	
941114	HOLLAND01	06/20/94	8:40	22.2	6.8	3.5	777	79	102	0.25			208	42	25	4.	108	129	0.4	482	
941325	HOLLAND01	07/18/94	10:30	20.1	7.3	4.2	785	95	157	0.52			162	32	20	4.1	133	24	0.2	466	
931672	HOLLAND02	10/18/93	8:00	15.0	7.1	7.1	1240	144	199	0.72			297	48	43	5.5	225	120	0.4	744	
940035	HOLLAND02	01/10/94	10:22	8.5	7.1	6.7	1210	136	211	0.68			290	50	40	6.	167	120	0.4	718	
940600	HOLLAND02	04/18/94	9:09	19.0	7.3	5.4	979	111	174	0.56			225	44	28	3.4	138	78	0.2	582	
941113	HOLLAND02	06/20/94	8:55	20.0	7.0	3.6	782	92	134	0.46			176	34	22	3.2	139	53	0.3	459	
941324	HOLLAND02	07/18/94	11:00	22.3	7.2	5.3	899	111	159	0.49			206	38	27	4.9	149	66	0.3	539	
931670	HOLLAND03	10/18/93	8:20	15.8	7.1	5.9	1020	120	176	0.62			225	42	29	4.9	175	64	0.3	587	
931671	HOLLAND03	10/18/93	8:20	15.8	7.1	5.9	1020	122	177	0.59			220	42	28	4.8	176	65	0.3	588	
940033	HOLLAND03	01/10/94	10:45	9.1	7.0	5.4	1000	114	196	0.61			235	48	28	3.7	155	58	0.2	580	
940034	HOLLAND03	01/10/94	10:45	9.1	7.0	5.4	1000	114	191	0.61			235	48	28	3.6	155	58	0.2	586	
940599	HOLLAND03	04/18/94	9:30	18.9	7.7	8.4	1130	129	205	0.65			274	52	35	4.	191	72	0.3	667	
941112	HOLLAND03	06/20/94	9:14	19.4	7.0	1.8	775	92	134	0.54			167	34	20	3.1	158	18	0.2	438	
941323	HOLLAND03	07/18/94	11:15	23.9	6.8	2.8	969	108	166	0.49			240	45	31	6.8	126	107	0.3	591	
931732	HONKER	10/20/93	13:55	19.5	7.8	9.9	153	9	9	0.03			48	11	5	1.1	53	6	-0.1	90	
940095	HONKER	01/12/94	12:50	9.8	7.7	10.1	277	18	29	0.10			88	19	10	1.7	73	15	-0.1	166	
940661	HONKER	04/20/94	12:24	20.3	7.8	8.9	461	44	59	0.17			120	25	14	2.4	84	47	0.2	260	
941386	HONKER	07/20/94	11:25	23.1	7.7	8.0	148	9	10	0.02			47	9	6	1.2	52	2	-0.1	90	
941111	JERSEYPP01	06/20/94	7:58	19.8	6.6	3.5	1860	213	366	1.12			482	91	62	7.8	115	288	0.7	1250	
941121	JERSEYPP01	06/20/94	7:58	19.8	6.6	3.5	1850	207	351	1.15			458	88	58	7.9	114	280	0.7	1200	
941332	JERSEYPP01	07/18/94	9:40	20.0	6.9	7.5	1810	266	464	1.68			256	33	42	11.	84	76	0.3	1010	
941763	JERSEYPP01	08/23/94	11:00	21.8	7.4	5.6	2590	393	731	2.27			345	39	60	17.	87	102	0.3	1380	

Note: Negative values signify reporting limits. Concentration of analyte below reporting limit.

MINERAL DATA REPORT

LAB#	STA. NAME	SAMP. DATE	TEMP TIME	oC	pH	DO mg/L	EC uS/cm	Na mg/L	Cl mg/L	Br mg/L	Se mg/L	Asbest MF/L	Hard. ←	Ca	Mg	K	ALK	SO4	B	TDS →	
941903	JERSEYPP01	09/20/94	13:21	20.4	7.2	6.0	2630	402	707	2.06				374	46	63	14.	106	134	0.4	1450
931682	KINGISPP01	10/18/93	7:40	15.3	7.3	4.0	368	18	19	0.09				150	40	12	1.3	161	2	-0.1	250
940045	KINGISPP01	01/10/94	9:15	11.7	7.3	4.4	398	22	20	0.11				169	43	15	1.3	164	14	-0.1	260
940610	KINGISPP01	04/18/94	11:10	19.6	7.6	7.6	349	18	17	0.09				151	39	13	0.8	154	4	-0.1	229
941335	KINGISPP01	07/18/94	7:45	18.5	7.2		362	20	17	0.12				149	38	13	0.9	164	2	-0.1	247
931683	KINGISPP03	10/18/93	8:10	16.2	7.9	6.4	778	60	103	0.47				274	57	32	1.7	265	15	0.1	466
940046	KINGISPP03	01/10/94	9:45	8.6	7.4	10.3	681	48	109	0.43				225	49	25	1.9	129	44	0.1	406
940611	KINGISPP03	04/18/94	10:45	21.1	7.8	5.1	1260	98	246	1.00				428	84	53	1.6	257	34	0.1	693
941125	KINGISPP03	06/20/94	10:55	22.1	6.9	5.5	721	54	123	0.50				232	47	28	1.7	134	32	0.1	393
941336	KINGISPP03	07/18/94	8:00	20.5	7.3		1020	82	195	0.79				348	70	42	1.8	189	37	0.1	571
931733	LCONNECT	10/20/93	14:10	18.6	7.4	8.4	151	9	11	0.03				48	11	5	1.1	49	5	-0.1	88
940096	LCONNECT	01/12/94	13:06	10.3	7.5	9.5	227	16	18	0.05				74	15	9	1.7	67	13	-0.1	143
940662	LCONNECT	04/20/94	12:40	20.5	7.9	9.4	236	17	19	0.06				78	15	10	1.6	72	13	-0.1	134
941387	LCONNECT	07/20/94	10:55	22.8	7.7	7.7	248	23	34	0.10				60	11	8	1.6	54	8	-0.1	144
931701	LJONES01	10/19/93	10:03	15.3	6.8	2.6	538	56	76	0.26				123	26	14	3.4	99	38	0.2	333
931704	LJONES01	10/19/93	10:03	15.3	6.8	2.6	536	57	81	0.26				123	26	14	3.2	98	37	0.2	331
940064	LJONES01	01/11/94	9:40	8.8	6.7	6.8	898	88	124	0.26				242	54	26	4.6	53	182	0.3	598
940067	LJONES01	01/11/94	9:40	8.8	6.7	6.8	912	89	132	0.25				242	54	26	4.5	54	184	0.3	605
940630	LJONES01	04/19/94	7:40	16.3	7.1	9.5	847	88	131	0.35				206	43	24	3.4	120	94	0.3	528
940633	LJONES01	04/19/94	7:40	16.3	7.1	9.5	842	88	134	0.36				202	43	23	3.4	119	88	0.3	526
941176	LJONES01	06/22/94	7:00	19.3	6.8	5.3	579	61	81	0.22				139	29	16	2.7	74	72	0.3	343
941358	LJONES01	07/19/94	9:30	21.7	7.0	5.7	517	56	79	0.24				127	26	15	2.5	74	53	0.2	308
931709	LJONES02	10/19/93	10:30	16.5	6.4	2.8	728	78	100	0.20				182	40	20	5.	62	139	0.3	467
940072	LJONES02	01/11/94	11:45	10.2	6.5	4.9	798	76	100	0.21				223	48	25	4.	55	168	0.3	551
940638	LJONES02	04/19/94	9:45	19.3	6.9	4.1	480	47	66	0.22				116	25	13	2.7	106	19	0.2	282
941173	LJONES02	06/22/94	9:40	21.3	6.4	3.7	716	73	112	0.24				187	40	21	2.3	51	143	0.4	477
941181	LJONES02	06/22/94	9:40	21.3	6.4	3.7	722	73	96	0.22				187	40	21	2.3	53	146	0.4	479
941363	LJONES02	07/19/94	7:00	19.6	6.1	6.1	501	53	78	0.23				120	25	14	2.8	76	50	0.2	307
931722	LPOTTERM	10/20/93	13:20	18.2	7.3	8.3	141	8	8	0.02				46	10	5	1.1	48	5	0.1	89
931731	LPOTTERM	10/20/93	13:20	18.2	7.3	8.3	142	8	8	0.02				46	10	5	1.1	49	5	-0.1	87
940094	LPOTTERM	01/12/94	12:20	10.0	7.7	10.0	218	14	16	0.05				70	15	8	1.6	69	10	-0.1	134
940660	LPOTTERM	04/20/94	11:44	20.2	7.8	9.0	225	15	17	0.05				78	15	10	1.5	72	12	-0.1	131
941385	LPOTTERM	07/20/94	10:20	22.0	7.8	7.7	161	10	13	0.04				52	9	7	1.2	54	-1	-0.1	98
931635	MALLARDIS	10/05/93	7:50	18.0	7.4	7.1	6960	1110	1980	7.81				556	56	101	42.	68	296	0.6	3890
931728	MALLARDIS	10/20/93	11:05	18.3	7.4	8.3	8040	1360	2550	8.70				846	62	168	52.	69	68	0.7	4530
931920	MALLARDIS	11/17/93	9:07	12.2	7.3	8.6	11600	1980	3670	12.80				1220	88	244	74.	70	536	0.9	6790
931999	MALLARDIS	12/16/93	9:50	11.1	7.4	10.3	6570	1110	1980	7.18				691	54	135	42.	65	283	0.5	3670
940023	MALLARDIS	01/05/94	9:25	9.0	7.4	11.4	8670	1480	2680	9.10				922	66	184	57.	69	374	0.7	4930
940030	MALLARDIS	01/05/94	9:25	9.0	7.4	11.4	8690	1460	2700	9.02				980	66	198	59.	68	373	0.7	4950
940091	MALLARDIS	01/12/94	10:28	9.9	7.8	9.5	4490	696	1320	4.54				485	39	94	28.	66	183	0.4	2480
940280	MALLARDIS	02/09/94	9:40	11.4	7.8	12.4	2340	348	620	2.16				275	26	51	15.	72	96	0.2	1240
940427	MALLARDIS	03/09/94	9:12	14.7	7.9	9.5	556	67	100	0.34				106	16	16	3.7	73	34	0.1	308
940434	MALLARDIS	03/09/94	9:12	14.7	7.9	9.5	563	66	101	0.35				106	16	16	3.6	75	34	0.1	314
940657	MALLARDIS	04/20/94	9:52	18.8	7.7	9.2	5850	949	1700	6.37				667	51	131	38.	82	274	0.5	3290
940821	MALLARDIS	05/26/94	11:30	19.2	8.0	9.1	3200	492	872	3.12				379	33	72	21.	71	134	0.3	1730
941068	MALLARDIS	06/16/94	11:30	20.4	7.8	8.6	7970	1370	2550	9.44				898	63	180	51.	76	360	0.7	4540
941382	MALLARDIS	07/20/94	8:15	20.0	7.7	8.5	9130	1630	2860	9.66				1020	53	215	61.	74	470	0.8	5320
941761	MALLARDIS	08/23/94	9:50	22.5	7.6	7.9	10800	1840	3520	11.30				1330	103	261	77.	74	478	0.9	6320
941894	MALLARDIS	09/20/94	11:55	21.2	7.9	7.1	9190	1580	2940	8.96				1060	69	216	61.	77	390	0.8	5330

Note: Negative values signify reporting limits. Concentration of analyte below reporting limit.

MINERAL DATA REPORT

LAB#	STA. NAME	SAMP. DATE	TEMP TIME	pH	DO mg/L	EC uS/cm	Na mg/L	Cl mg/L	Br mg/L	Se mg/L	Asbest MF/L	Hard.	Ca	Mg	K	ALK	SO4	B	TDS
												←-----mg/L----->							
941901	MALLARDIS	09/20/94	11:55	21.2	7.9	7.1	9230	1580	2970	8.99		1060	68	217	61.	77	399	0.8	5280
931707	MANDEVILLEPPO1	10/19/93	9:09	14.4	6.6	3.0	406	37	52	0.18		107	23	12	2.8	76	40	0.1	268
940070	MANDEVILLEPPO1	01/11/94	10:50	9.0	7.2	7.0	627	48	61	0.17		208	47	22	3.3	64	145	0.2	454
940636	MANDEVILLEPPO1	04/19/94	8:47	17.5	6.9	8.8	475	43	60	0.22		134	29	15	2.3	92	50	0.2	311
941179	MANDEVILLEPPO1	06/22/94	8:40	18.8	6.8	3.3	420	44	61	0.22		109	22	13	1.1	95	19	0.2	257
941355	MANDEVILLEPPO1	07/19/94	8:25	20.5	6.8	4.5	420	46	67	0.23		102	21	12	2.3	70	33	0.2	282
941361	MANDEVILLEPPO1	07/19/94	8:25	20.5	6.8	4.5	426	46	68	0.23		102	21	12	2.4	70	33	0.3	290
931708	MANDEVILLEPPO2	10/19/93	9:30	14.9	6.5	4.2	510	58	83	0.32		107	23	12	2.7	94	23	0.2	332
940071	MANDEVILLEPPO2	01/11/94	11:15	9.3	6.9	7.5	703	56	80	0.22		224	50	24	5.3	81	138	0.2	505
940637	MANDEVILLEPPO2	04/19/94	9:15	16.4	7.1	8.4	347	52	54	0.27		139	29	16	2.6	138	33	0.2	347
941180	MANDEVILLEPPO2	06/22/94	9:00	20.0	6.8	4.1	508	54	74	0.32		129	27	15	2.8	90	40	0.3	341
941362	MANDEVILLEPPO2	07/19/94	8:50	19.9	6.8	5.0	608	65	106	0.37		143	29	17	3.3	62	68	0.2	391
931640	MAZE	10/14/93	11:00	18.8	7.8	6.8	237	23	26	0.08	-0.001	54	12	6	1.6	47	22	0.1	141
931691	MAZE	10/19/93	11:05	17.5	7.0	8.9	281	29	31	0.10	-0.001	60	14	6	1.6	51	30	0.2	166
931852	MAZE	11/10/93	12:40	15.0	7.9	8.9	884	107	125	0.40	0.001	205	44	23	3.8	128	109	0.5	512
932026	MAZE	12/15/93	10:00	11.1	8.0	9.6	829	96	112	0.34	0.002	171	37	19	3.3	107	120	0.5	491
940054	MAZE	01/11/94	7:00	8.6	6.9	9.4	831	100	118	0.34	0.002	172	36	20	2.7	96	115	0.5	489
940195	MAZE	01/19/94	12:30	11.9	7.5	8.7	987	122	150	0.42	0.002	213	44	25	3.6	112	147	0.6	585
940316	MAZE	02/17/94	12:10	12.0	7.5	9.8	1140	141	159	0.47	0.004	243	53	27	4.6	132	194	0.9	694
940497	MAZE	03/24/94	12:00	14.6	7.0	10.1	1370	167	210	0.60	0.006	297	63	34	4.2	133	239	1.1	836
940619	MAZE	04/19/94	10:20	20.3	7.7	8.6	1050	124	152	0.45	-0.001	237	49	28	3.5	119	154	0.6	639
940778	MAZE	05/04/94	10:04	20.0	7.7	7.8					0.003								
940856	MAZE	05/19/94	11:00	19.1	7.6	8.2	905	105	132	0.38	0.003	209	44	24	2.9	101	142	0.5	543
941023	MAZE	06/22/94	12:05	23.5	8.2	19.1	1410	174	214	0.68	0.005	345	74	39	4.4	165	233	1.	870
941344	MAZE	07/19/94	10:20	23.3	8.2	8.5	1610	205	237	0.74	0.008	394	82	46	5.2	179	272	1.2	1010
941768	MAZE	08/25/94	13:23	24.5	8.3	9.0	1250	148	193	0.58	0.004	316	64	38	4.6	161	180	0.8	740
941908	MAZE	09/22/94	12:45	24.2	8.4	10.9	1280	156	191	0.59	0.004	303	62	36	4.3	177	160	0.7	778
931644	MIDDLER	10/14/93	8:25	19.7	7.1	6.2	269	26	32	0.09		70	15	8	2.1	58	20	-0.1	158
931717	MIDDLER	10/20/93	11:55	19.2	7.4	8.4	278	25	35	0.10		68	14	8	2.1	58	18	0.1	159
931856	MIDDLER	11/10/93	8:50	15.4	7.5	8.1	312	33	48	0.15		72	14	9	1.9	54	19	-0.1	176
932030	MIDDLER	12/15/93	7:30	9.7	7.7	10.4	321	31	46	0.14		72	14	9	2.4	59	22	-0.1	183
940080	MIDDLER	01/12/94	12:25	7.2	6.7	9.9	364	32	46	0.13		95	20	11	2.7	62	36	0.1	215
940199	MIDDLER	01/19/94	9:15	8.8	7.0	8.7	361	33	48	0.13		100	20	12	2.6	65	32	0.1	212
940321	MIDDLER	02/17/94	8:45	10.9	7.2	10.1	452	44	59	0.17		114	24	13	2.8	74	47	0.2	262
940502	MIDDLER	03/24/94	8:35	13.3	7.3	9.2	475	45	63	0.16		127	26	15	3.	78	52	0.2	278
940646	MIDDLER	04/20/94	11:45	20.2	7.9	8.6	442	43	55	0.15		118	24	14	2.5	78	49	0.2	253
940861	MIDDLER	05/19/94	7:36	18.1	7.5	9.6	496	52	68	0.20		120	25	14	2.5	77	58	0.2	280
941028	MIDDLER	06/22/94	7:45	22.2	7.4	7.7	414	43	58	0.18		106	21	13	2.4	73	41	0.2	235
941371	MIDDLER	07/20/94	12:50	25.3	7.9	7.1	386	44	66	0.19		90	16	12	2.6	61	25	0.1	215
941773	MIDDLER	08/25/94	7:30	22.9	7.8	7.0	358	38	60	0.16		80	14	11	2.4	61	18	0.1	192
941913	MIDDLER	09/22/94	8:10	22.1	7.9	6.1	430	50	73	0.21		94	16	13	2.8	76	20	0.1	234
931710	MIDMOWRY	10/20/93	11:10	17.6	7.3	8.1	270	26	34	0.10		60	14	6	1.5	47	24	0.1	152
931716	MIDMOWRY	10/20/93	11:10	17.6	7.3	8.1	270	25	34	0.10		60	14	6	1.6	47	23	0.1	154
940079	MIDMOWRY	01/12/94	12:00	6.8	7.7	10.6	736	87	104	0.31		159	34	18	2.5	90	100	0.4	430
940639	MIDMOWRY	04/20/94	10:50	20.4	7.8	9.3	804	88	115	0.41		177	36	21	3.3	101	109	0.4	463
940645	MIDMOWRY	04/20/94	10:50	20.4	7.8	9.3	802	97	117	0.38		191	40	22	3.	100	107	0.4	463
941364	MIDMOWRY	07/20/94	12:10	25.1	8.8	9.7	978	114	145	0.46		232	50	26	3.4	119	147	0.6	583
941370	MIDMOWRY	07/20/94	12:10	25.1	8.8	9.7	869	114	132	0.45		241	52	27	3.4	105	131	0.6	520
931730	MOKGEORGTANA	10/20/93	12:55	17.8	7.5	8.3	130	7	7	0.02		42	10	4	1.1	45	5	-0.1	82

Note: Negative values signify reporting limits. Concentration of analyte below reporting limit.

MINERAL DATA REPORT

LAB#	STA. NAME	SAMP. DATE	TEMP TIME	oC	pH	DO mg/L	EC uS/cm	Na mg/L	Cl mg/L	Br mg/L	Se mg/L	Asbest MF/L	Hard. ←	Ca	Mg	K	ALK	SO4	B	TDS →
940093	MOKGEORGIANA	01/12/94	12:00	10.7	8.0	10.9	178	11	8	0.02			62	13	7	1.5	67	9	-0.1	113
940659	MOKGEORGIANA	04/20/94	11:25	20.2	7.9	9.6	196	13	11	0.02			68	14	8	1.4	68	11	-0.1	120
941384	MOKGEORGIANA	07/20/94	10:00	22.3	7.9	8.3	126	8	6	0.03			44	8	6	1.3	50	4	-0.1	80
931638	MRIVBACON	10/14/93	7:10	19.6	6.9	6.5	304	32	38	0.11			80	17	9	2.8	61	25	0.1	177
931645	MRIVBACON	10/14/93	7:10	19.6	6.9	6.5	295	32	40	0.11			80	17	9	2.7	57	31	0.1	174
931718	MRIVBACON	10/20/93	12:30	19.2	7.4	8.2	287	26	35	0.10			70	15	8	2.1	57	21	0.1	167
931857	MRIVBACON	11/10/93	8:00	15.4	7.5	8.0	293	31	44	0.14			72	14	9	2.2	52	18	-0.1	165
932031	MRIVBACON	12/15/93	7:00	9.8	7.1	10.0	305	29	41	0.13			74	15	9	2.3	60	22	0.1	176
940081	MRIVBACON	01/12/94	13:00	7.8	6.9	10.0	311	27	37	0.11			84	17	10	2.3	60	28	-0.1	186
940200	MRIVBACON	01/19/94	7:20	9.5	7.2	9.2	356	34	47	0.14			95	20	11	2.6	62	33	0.1	212
940322	MRIVBACON	02/17/94	8:15	11.1	7.3	9.9	482	47	65	0.18			123	26	14	3.	75	52	0.2	278
940503	MRIVBACON	03/24/94	8:05	13.5	7.2	9.4	516	51	68	0.18			132	28	15	3.2	80	62	0.2	300
940647	MRIVBACON	04/20/94	12:20	20.4	7.9	8.9	441	45	55	0.17			118	24	14	2.5	75	50	0.2	253
940862	MRIVBACON	05/19/94	7:08	18.3	7.5	9.4	499	53	69	0.20			120	25	14	2.5	75	60	0.2	282
941029	MRIVBACON	06/22/94	7:00	22.3	7.2	7.7	389	39	53	0.18			100	20	12	2.3	70	37	0.2	216
941372	MRIVBACON	07/20/94	13:25	24.5	7.8	6.6	365	42	61	0.18			82	15	11	2.5	59	24	0.1	203
941774	MRIVBACON	08/25/94	6:50	22.9	7.2	7.0	336	36	54	0.15			76	14	10	2.2	60	17	-0.1	179
941914	MRIVBACON	09/22/94	7:30	21.7	7.9	6.2	407	46	61	0.18			90	16	12	2.7	78	27	0.1	224
931630	NATOMAS	10/05/93	11:15	19.1	7.7	6.1	553	42	42	0.11			191	35	25	1.8	196	28	0.2	325
931697	NATOMAS	10/19/93	13:10	19.5	8.0	10.6	607	55	50	0.13			192	34	26	2.2	207	31	0.2	361
931915	NATOMAS	11/17/93	12:34	11.7	7.0	11.9	586	46	45	0.10			195	35	26	3.9	200	38	0.2	345
931994	NATOMAS	12/08/93	7:25	12.4	6.9	10.7	704	56	57	0.12			242	44	32	3.4	223	54	0.2	421
940025	NATOMAS	01/05/94	13:25	11.0	8.0	9.4	863	68	66	0.15			322	55	45	2.4	302	62	0.2	515
940053	NATOMAS	01/11/94	11:00	10.2	6.7	9.8	869	74	71	0.15			301	53	41	2.3	312	55	0.2	515
940060	NATOMAS	01/11/94	11:00	10.2	6.7	9.8	872	76	75	0.15			303	54	41	2.3	315	56	0.2	510
940275	NATOMAS	02/09/94	14:35	12.1	7.5	9.1	394	32	32	0.04			127	21	18	2.6	107	38	0.1	236
940429	NATOMAS	03/09/94	12:43	17.5	8.1	10.9	905	79	71	0.17			324	54	46	2.	326	61	0.3	548
940625	NATOMAS	04/19/94	12:30	23.4	7.9	6.4	504	43	43	0.10			170	30	23	2.4	172	26	0.2	297
940814	NATOMAS	05/26/94	6:40	19.8	7.9	7.8	447	30	30	0.06			165	28	23	1.9	143	36	0.2	261
940816	NATOMAS	05/26/94	6:40	19.8	7.9	7.8	443	30	33	0.06			165	28	23	2.	142	35	0.2	258
941063	NATOMAS	06/16/94	6:50	19.9	7.6	6.1	457	32	35	0.08			174	30	24	2.2	148	33	0.2	270
941168	NATOMAS	06/21/94	6:20	20.6	7.6	7.0	433	31	32	0.09			158	27	22	2.	140	30	0.1	254
941350	NATOMAS	07/19/94	12:15	25.0	7.8	10.5	406	30	28	0.07			156	26	22	1.8	141	29	0.1	241
941756	NATOMAS	08/23/94	6:55	21.0	7.4	6.1	373	24	24	0.04			149	25	21	1.7	131	24	0.1	214
941896	NATOMAS	09/20/94	8:07	20.4	7.6	3.9	487	34	34	0.07			185	31	26	2.2	175	30	0.2	292
931745	NORTHCAN	10/20/93	9:05	18.1	7.5	7.4	279	26	35	0.10			68	14	8	2.1	59	18	-0.1	159
940674	NORTHCAN	04/20/94	9:20	19.4	7.2	7.9	506	50	64	0.17			127	26	15	2.7	83	59	0.3	293
941399	NORTHCAN	07/20/94	10:05	24.9	7.6	6.8	393	43	65	0.18			82	15	11	2.5	62	24	0.1	218
931743	NVICHWOOD	10/20/93	8:41	18.0	7.3	7.5	279	26	36	0.10			68	14	8	2.1	59	18	-0.1	159
940672	NVICHWOOD	04/20/94	8:50	19.5	7.2	8.0	417	40	50	0.14			113	22	14	2.4	80	43	0.2	240
941397	NVICHWOOD	07/20/94	9:28	23.6	7.8	7.4	569	71	121	0.35			95	15	14	3.6	60	26	0.1	307
931747	OLDR-DMC-CLIFT	10/20/93	9:50	18.1	7.4	7.8	350	37	58	0.18			72	14	9	2.3	60	19	-0.1	194
940676	OLDR-DMC-CLIFT	04/20/94	9:45	19.7	7.2	8.1	888	100	130	0.38			209	44	24	3.4	105	126	0.5	528
941401	OLDR-DMC-CLIFT	07/20/94	10:39	24.9	7.7	6.3	697	80	119	0.34			144	28	18	3.3	84	71	0.3	393
931749	OLDRIVDMC	10/20/93	10:13	18.4	7.4	7.7	337	35	53	0.17			72	14	9	2.4	59	19	-0.1	188
940678	OLDRIVDMC	04/20/94	10:10	19.5	7.4	8.1	872	98	126	0.37			202	43	23	3.4	104	124	0.5	503
941403	OLDRIVDMC	07/20/94	11:02	26.2	7.9	7.0	549	68	104	0.31			98	16	14	3.3	66	35	0.2	297
931714	OLDRTRACY	10/20/93	10:10	17.5	7.4	8.4	249	24	27	0.08			57	13	6	1.5	47	25	0.1	142
940077	OLDRTRACY	01/12/94	11:20	6.7	6.7	10.0	771	90	108	0.33			168	36	19	3.	96	102	0.4	451

Note: Negative values signify reporting limits. Concentration of analyte below reporting limit.

MINERAL DATA REPORT

LAB#	STA. NAME	SAMP. DATE	TIME	TEMP	pH	DO	EC	Na	Cl	Br	Se	Asbest	Hard.	Ca	Mg	K	ALK	SO4	B	TDS
				oC	mg/L	uS/cm	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
940643	OLDRTRACY	04/20/94	10:00	19.2	7.8	9.0	942	108	143	0.44			220	47	25	3.2	111	130	0.6	552
941368	OLDRTRACY	07/20/94	11:15	24.5	8.3	8.0	997	117	160	0.41			249	52	29	3.7	121	149	0.6	587
931679	ORWOODPP	10/18/93	7:07	16.9	6.3	4.5	640	64	87	0.24			157	33	18	4.2	52	104	0.3	403
940042	ORWOODPP	01/10/94	11:48	9.1	6.9	8.2	916	86	125	0.29			246	49	30	4.4	90	156	0.4	565
940607	ORWOODPP	04/18/94	10:30	21.0	7.0	5.5	555	50	65	0.17			152	31	18	3.	77	75	0.2	333
941120	ORWOODPP	06/20/94	10:15	22.5	7.2	5.2	839	80	97	0.27			241	47	30	3.7	112	140	0.5	520
941331	ORWOODPP	07/18/94	11:45	25.1	5.8	3.5	804	94	156	0.50			166	30	22	6.3	87	60	0.3	494
931678	PALMTRPP	10/18/93	6:45	16.2	7.2	5.0	763	76	126	0.36			192	39	23	3.9	91	81	0.3	467
940041	PALMTRPP	01/10/94	11:19	8.9	6.6	6.4	962	96	143	0.36			253	50	31	4.8	76	186	0.5	616
940606	PALMTRPP	04/18/94	10:10	20.8	7.1	3.9	637	60	81	0.22			171	32	22	5.3	102	84	0.5	406
941119	PALMTRPP	06/20/94	9:50	22.1	7.2	3.7	531	53	78	0.22			138	27	17	4.2	73	70	0.3	312
931693	PESCADERO01	10/19/93	7:20	14.7	7.3	8.1	748	71	117	0.33			194	43	21	2.	102	81	0.4	444
940056	PESCADERO01	01/11/94	8:20	7.3	7.6	7.5	1160	117	202	0.53			305	66	34	3.3	132	135	0.6	683
940621	PESCADERO01	04/19/94	8:00	15.1	7.2	7.5	1540	169	264	0.79			395	84	45	5.2	162	206	0.8	979
941164	PESCADERO01	06/21/94	8:55	20.8	7.4	4.7	1590	170	279	0.86			429	91	49	5.	176	213	0.8	977
941343	PESCADERO01	07/19/94	8:45	21.6	7.4	6.2	1470	167	246	0.73			364	75	43	5.2	170	210	1.	900
941346	PESCADERO01	07/19/94	8:45	21.6	7.4	6.2	1480	169	247	0.75			372	78	43	4.5	174	213	1.	912
931694	PESCADERO02	10/19/93	7:40	14.4	7.1	8.1	727	71	106	0.31			180	39	20	2.	99	80	0.4	424
940622	PESCADERO02	04/19/94	8:25	15.1	7.2	7.5	1480	161	256	0.75			373	80	42	5.3	157	202	0.8	908
941165	PESCADERO02	06/21/94	9:15	19.2	7.4	4.8	1690	180	296	1.05			467	98	54	4.9	178	232	0.9	1060
941347	PESCADERO02	07/19/94	8:59	21.6	7.5	6.3	1580	179	264	0.82			408	86	47	4.7	186	235	1.1	988
931690	PESCADERO03	10/19/93	8:00	13.0	7.2	7.6	2750	245	592	1.74			816	170	95	3.6	229	311	0.8	1610
931695	PESCADERO03	10/19/93	8:00	13.0	7.2	7.6	2660	246	576	1.71			813	169	95	3.5	222	300	0.7	1560
940623	PESCADERO03	04/19/94	8:45	15.3	7.4	8.4	1410	154	238	0.70			354	76	40	5.6	157	194	0.9	861
941166	PESCADERO03	06/21/94	9:35	17.5	7.4	5.8	1550	172	253	0.96			411	87	47	4.8	177	206	0.9	956
941348	PESCADERO03	07/19/94	9:17	21.9	7.7	6.4	1500	170	250	0.78			383	81	44	4.6	181	228	1.	936
931681	RINDGEPP02	10/18/93	7:00	16.5	7.2	4.0	633	46	97	0.42			197	44	21	4.2	28	0.2	372	
940044	RINDGEPP02	01/10/94	10:25	9.2	6.8	3.0	503	39	63	0.23			158	35	17	5.3	116	39	0.2	333
940609	RINDGEPP02	04/18/94	11:45	20.7	7.4	4.5	950	83	164	0.73			302	65	34	2.4	177	52	0.2	583
941122	RINDGEPP02	06/20/94	11:35	23.8	7.1	6.1	548	48	73	0.25			164	36	18	2.2	110	57	0.2	325
941123	RINDGEPP02	06/20/94	11:35	23.8	7.1	6.1	546	48	70	0.25			160	36	17	2.2	111	57	0.2	325
941334	RINDGEPP02	07/18/94	8:25	21.8	7.2		382	35	46	0.17			110	24	12	1.8	84	32	0.2	244
931741	ROCKSL	10/20/93	8:04	17.7	7.4	8.3	425	50	80	0.26			80	14	11	2.2	59	18	-0.1	230
940104	ROCKSL	01/12/94	9:30	8.5	6.7	10.3	341	34	52	0.16			82	15	11	2.6	60	21	-0.1	198
940314	ROCKSL	02/17/94	9:15	11.1	7.5	10.8	370	36	52	0.15			92	17	12	2.5	72	26	0.1	212
940320	ROCKSL	02/17/94	9:15	11.1	7.5	10.8	370	36	52	0.15			94	18	12	2.5	72	26	0.1	212
940495	ROCKSL	03/24/94	9:05	13.5	6.7	9.9	328	27	36	0.09			97	19	12	2.2	75	28	0.1	198
940501	ROCKSL	03/24/94	9:05	13.5	6.7	9.9	328	28	36	0.09			97	19	12	2.2	75	28	0.1	194
940670	ROCKSL	04/20/94	8:15	18.7	8.0	7.9	357	32	40	0.11			100	20	12	2.2	78	32	0.1	204
940860	ROCKSL	05/19/94	8:18	18.8	8.4	10.0	395	40	50	0.15			100	20	12	2.3	73	38	0.2	218
941027	ROCKSL	06/22/94	9:00	22.8	7.4	6.8	450	44	64	0.21			92	17	12	2.6	70	30	0.1	224
941395	ROCKSL	07/20/94	8:39	21.8	7.9	7.8	692	90	160	0.51			105	14	17	4.4	60	28	0.1	369
941524	ROCKSL	07/20/94	8:52	22.0	7.8	7.7	645		156											376
941766	ROCKSL	08/25/94	8:30	23.0	7.9	7.7	805	112	193	0.61			113	14	19	5.	60	34	0.1	414
941772	ROCKSL	08/25/94	8:30	23.0	7.9	7.7	805	109	192	0.59			120	15	20	5.2	59	34	0.1	407
941912	ROCKSL	09/22/94	9:00	22.1	7.9	6.4	988	138	232	0.74			144	18	24	6.1	74	41	0.1	544
931628	SACRRIOVISTA	10/05/93	6:55	18.0	7.3	7.1	151	9	6	0.02			54	12	6	1.1	56	7	-0.1	94
931632	SACRRIOVISTA	10/05/93	6:55	18.0	7.3	7.1	152	10	6	0.01			52	11	6	1.1	56	7	-0.1	93
931726	SACRRIOVISTA	10/20/93	8:15	16.6	7.2	8.5	134	7	6	0.01			46	10	5	1.1	48	5	-0.1	84

Note: Negative values signify reporting limits. Concentration of analyte below reporting limit.

MINERAL DATA REPORT

LAB#	STA. NAME	SAMP. DATE	TIME	TEMP oC	pH	DO mg/L	EC uS/cm	Na mg/L	Cl mg/L	Br mg/L	Se mg/L	Asbest MF/L	←-----mg/L-----→						B	TDS
													Hard.	Ca	Mg	K	ALK	SO4		
931917	SACRRIOVISTA	11/17/93	7:58	12.2	7.3	8.6	196	15	18	0.05			52	11	6	1.6	55	10	-0.1	118
931996	SACRRIOVISTA	12/16/93	9:00	10.9	7.2	10.8	160	10	8	0.01			52	11	6	1.5	56	9	-0.1	100
940027	SACRRIOVISTA	01/05/94	11:25	9.1	7.7	10.9	179	12	9	0.02			59	12	7	1.4	63	10	-0.1	108
940089	SACRRIOVISTA	01/12/94	8:31	9.0	7.8	10.6	203	13	10	0.02			68	14	8	1.8	72	11	-0.1	123
940277	SACRRIOVISTA	02/09/94	11:50	11.1	7.7	12.4	228	15	13	0.03			78	15	10	1.5	75	15	-0.1	135
940431	SACRRIOVISTA	03/09/94	8:20	14.5	7.5	9.0	241	16	12	0.03			81	16	10	1.5	83	17	-0.1	147
940651	SACRRIOVISTA	04/20/94	7:45	17.9	7.7	8.8	212	14	12	0.03			72	14	9	1.6	73	13	-0.1	128
940655	SACRRIOVISTA	04/20/94	7:45	17.9	7.7	8.8	212	14	11	0.03			72	14	9	1.6	73	12	-0.1	123
940818	SACRRIOVISTA	05/26/94	9:10	19.2	7.7	9.0	186	13	12	0.03			63	12	8	1.6	61	10	-0.1	112
941065	SACRRIOVISTA	06/16/94	9:15	20.5	7.8	7.9	298	29	39	0.12			74	13	10	2.	67	17	0.1	166
941380	SACRRIOVISTA	07/20/94	7:20	20.8	7.8	8.1	156	12	13	0.03			50	10	6	1.4	50	8	-0.1	96
941758	SACRRIOVISTA	08/23/94	9:00	22.4	7.6	7.4	182	13	13	0.03			60	11	8	1.4	60	8	-0.1	107
941898	SACRRIOVISTA	09/20/94	10:56	20.7	7.4	8.4	201	15	10	0.02			72	14	9	1.6	76	9	-0.1	123
940618	SACWSACINT	04/19/94	13:15	21.7	8.2	9.4	187	11	8	0.02	-0.001		72	14	9	1.3	73	9	-0.1	116
940627	SACWSACINT	04/19/94	13:15	21.7	8.2	9.4	186	11	7	0.02	-0.001		72	14	9	1.3	73	10	-0.1	118
940822	SACWSACINT	05/26/94	6:00	19.5	7.7	8.7	170	10	7	0.02	-0.001		66	13	8	1.1	68	7	-0.1	104
941069	SACWSACINT	06/16/94	6:15	19.8	7.3	8.2	156	9	7	0.05	-0.001		56	11	7	1.1	64	5	-0.1	97
941170	SACWSACINT	06/21/94	5:45	19.6	6.6	8.4	147	8	6	0.06	-0.001		56	11	7	1.	60	6	-0.1	90
941352	SACWSACINT	07/19/94	13:02	23.4	7.0	9.8	135	7	4	0.06	-0.001		50	10	6	1.1	57	4	-0.1	88
941762	SACWSACINT	08/23/94	6:30	20.2	6.9	7.5	194	14	7	0.02	-0.001		67	12	9	1.4	76	9	-0.1	113
941902	SACWSACINT	09/20/94	7:26	19.2	7.9	6.1	175	10	7	0.01	-0.001		59	12	7	1.5	71	6	-0.1	108
931739	SANDMOUND	10/20/93	7:42	17.7	7.3	8.4	423	52	78	0.28			80	14	11	2.7	59	18	-0.1	229
940102	SANDMOUND	01/12/94	10:30	8.6	7.2	10.8	328	33	50	0.16			80	14	11	2.6	59	18	-0.1	188
940668	SANDMOUND	04/20/94	7:45	17.8	8.0	8.8	332	30	37	0.10			90	18	11	2.1	76	27	0.1	189
941393	SANDMOUND	07/20/94	8:00	19.2	7.9	8.0	725	96	168	0.54			107	13	18	4.4	58	30	0.1	383
931992	SANLITS	12/08/93	11:00	9.6	7.5	10.8	554	68	112	0.38	-0.001		91	15	13	3.9	59	28	0.2	298
931742	SANTAFEBACON	10/20/93	8:30	17.9	7.4	7.6	300	30	43	0.13			72	14	9	2.7	58	17	-0.1	167
940671	SANTAFEBACON	04/20/94	8:35	19.0	8.0	7.9	408	38	48	0.13			109	22	13	2.4	80	42	0.2	235
941396	SANTAFEBACON	07/20/94	9:00	23.2	7.8	7.4	593	75	129	0.40			94	13	15	4.	60	26	0.1	320
931736	SJRJERSEY	10/20/93	6:50	17.9	7.1	8.3	702	92	162	0.56			104	15	16	4.4	59	29	0.1	364
931737	SJRJERSEY	10/20/93	6:50	17.9	7.1	8.3	701	91	159	0.55			104	15	16	4.3	60	29	0.1	373
940099	SJRJERSEY	01/12/94	8:10	8.5	7.1	10.1	840	113	196	0.70			122	16	20	5.6	62	36	0.1	459
940100	SJRJERSEY	01/12/94	8:10	8.5	7.1	10.1	839	113	193	0.69			129	17	21	5.7	62	36	0.1	452
940666	SJRJERSEY	04/20/94	7:05	16.5	7.3	9.0	331	30	39	0.11			92	17	12	2.	75	24	0.1	189
941391	SJRJERSEY	07/20/94	7:21	19.8	7.3	7.9	1130	158	286	0.80			144	18	24	6.6	59	46	0.1	588
931711	SJRMOSSDALE	10/20/93	7:00	15.8	7.3	9.7	245	23	26	0.07			57	13	6	1.4	48	25	0.2	144
940074	SJRMOSSDALE	01/12/94	9:10	6.5	8.4	10.9	731	87	104	0.32			159	34	18	2.6	89	99	0.4	424
940640	SJRMOSSDALE	04/20/94	8:15	19.5	7.9	8.7	880	96	135	0.41			200	42	23	3.4	106	116	0.5	524
941365	SJRMOSSDALE	07/20/94	8:40	22.7	8.6	7.8	942	115	136	0.46			234	51	26	3.2	114	150	0.6	565
931688	STATENPPO1	10/18/93	11:40	16.1	7.1	8.0	496	39	26	0.17			180	39	20	3.4	217	4	0.2	328
940051	STATENPPO1	01/10/94	12:00	9.3	7.1	4.1	614	47	93	0.40			202	38	26	5.4	147	15	0.2	406
940616	STATENPPO1	04/18/94	7:00	18.5	7.4	2.1	654	66	77	0.34			205	41	25	2.6	216	13	0.2	414
941130	STATENPPO1	06/20/94	6:45	22.0	7.4	3.1	270	19	27	0.08			88	17	11	1.8	64	17	0.1	175
941341	STATENPPO1	07/18/94	10:35	22.4	7.6		200	15	20	0.11			66	13	8	1.2	60	6	-0.1	123
931689	STATENPPO2	10/18/93	12:00	17.0	7.1	4.2	1060	101	207	0.72			300	61	36	5.5	152	54	0.3	679
940052	STATENPPO2	01/10/94	11:30	9.4	7.0	2.6	739	59	123	0.54			232	45	29	5.2	149	32	0.3	483
940617	STATENPPO2	04/18/94	6:30	18.8	7.1	5.3	453	41	80	0.28			126	24	16	1.9	80	15	0.2	265
941131	STATENPPO2	06/20/94	7:20	21.4	6.7	6.1	211	15	20	0.06			70	13	9	1.3	56	12	-0.1	131
941342	STATENPPO2	07/18/94	10:55	22.4	7.4		186	12	16	0.10			63	12	8	1.2	58	8	-0.1	123

Note: Negative values signify reporting limits. Concentration of analyte below reporting limit.

MINERAL DATA REPORT

LAB#	STA. NAME	SAMP. DATE	TIME	TEMP oC	pH	DO mg/L	EC uS/cm	Na mg/L	Cl mg/L	Br mg/L	Se mg/L	Asbest MF/L	←-----mg/L----->							
													Hard.	Ca	Mg	K	ALK	SO4	B	TDS
931740	STATION04B	10/20/93	7:56	17.8	7.4	8.4	436	51	81	0.27			80	14	11	2.8	60	19	-0.1	236
940103	STATION04B	01/12/94	10:00	8.7	6.9	10.6	337	34	51	0.16			82	15	11	2.6	59	19	-0.1	194
940665	STATION04B	04/20/94	8:00	18.4	8.1	8.3	348	31	39	0.11			97	19	12	2.2	77	31	0.1	198
940669	STATION04B	04/20/94	8:00	18.4	8.1	8.3	348	32	39	0.11			97	19	12	2.2	77	31	0.1	200
941394	STATION04B	07/20/94	8:18	21.5	7.9	8.0	690	89	156	0.49			105	14	17	4.4	59	30	0.1	369
931744	STATION09	10/20/93	8:52	18.1	7.3	8.0	389	43	65	0.20			76	14	10	2.3	63	19	0.1	213
940107	STATION09	01/12/94	11:50	9.6	7.4	10.3	373	37	55	0.17			92	17	12	2.7	61	28	0.1	216
940673	STATION09	04/20/94	9:05	19.5	7.0	7.9	473	47	59	0.15			122	24	15	2.5	83	53	0.3	273
941082	STATION09	06/22/94	8:20	22.6	7.4	7.8	416	43	59	0.19			101	19	13	2.5	72	37	0.2	228
941398	STATION09	07/20/94	9:43	23.9	7.8	7.2	586	73	123	0.36			99	15	15	3.7	62	27	0.1	318
941525	STATION09	07/20/94	9:53	23.8	7.7	7.2	589		126											326
931719	TURNERCUT	10/20/93	13:15	19.3	7.3	7.7	344	35	46	0.12			76	17	8	3.1	55	32	0.1	199
940073	TURNERCUT	01/12/94	13:32	8.9	6.6	9.4	507	51	71	0.21			119	26	13	3.5	71	54	0.2	297
940082	TURNERCUT	01/12/94	13:32	8.9	6.6	9.4	504	51	70	0.20			119	26	13	3.3	70	53	0.2	294
940648	TURNERCUT	04/20/94	13:00	20.6	7.8	8.1	696	80	102	0.32			161	33	19	3.4	82	89	0.4	399
941373	TURNERCUT	07/20/94	14:05	24.6	7.9	7.9	381	40	58	0.16			97	19	12	2.4	64	33	0.1	213
931703	UPJONESPPO2	10/19/93	8:01	14.5	6.3	4.3	769	86	126	0.33			167	37	18	3.2	101	89	0.3	469
940066	UPJONESPPO2	01/11/94	9:30	8.2	6.8	7.9	618	65	93	0.20			154	35	16	4.5	68	84	0.2	372
940632	UPJONESPPO2	04/19/94	7:30	16.6	7.2	4.7	979	130	156	0.39			232	50	26	3.3	188	121	0.4	612
941175	UPJONESPPO2	06/22/94	6:40	19.0	6.4	4.7	754	80	116	0.30			178	40	19	4.2	84	92	0.3	457
941357	UPJONESPPO2	07/19/94	9:45	21.5	7.0	4.6	755	82	130	0.34			191	40	22	3.	88	85	0.3	447
931685	VENICE	10/18/93	9:05	16.6	6.6	2.9	432	29	41	0.12			142	32	15	4.2	92	59	0.3	320
940048	VENICE	01/10/94	8:00	8.6	6.7	7.0	420	32	37	0.14			141	30	16	3.6	90	59	0.2	312
940613	VENICE	04/18/94	9:30	16.4	7.2	6.2	535	49	61	0.28			163	34	19	2.4	120	52	0.3	372
941127	VENICE	06/20/94	10:00	21.5	6.5	3.0	427	40	41	0.18			136	28	16	2.	97	52	0.4	339
941338	VENICE	07/18/94	6:50	20.8	6.6	2.2	351	30	35	0.16			114	24	13	2.3	80	41	0.3	286
931639	VERNALIS	10/14/93	10:45	18.7	7.5	6.9	195	18	20	0.06	-0.001		48	11	5	1.5	42	16	0.1	117
931692	VERNALIS	10/19/93	10:05	17.1	7.0	9.1	298	34	38	0.07	-0.001		62	15	6	1.6	49	29	0.3	174
931851	VERNALIS	11/10/93	12:00	15.0	7.9	8.8	761	87	103	0.33	0.001		173	38	19	3.2	114	94	0.4	442
932025	VERNALIS	12/15/93	9:45	11.2	7.8	9.8	735	83	98	0.29	-0.001		153	33	17	3.2	99	101	0.4	434
940055	VERNALIS	01/11/94	7:30	8.2	7.7	9.1	736	86	105	0.30	0.001		157	33	18	2.6	90	100	0.4	433
940194	VERNALIS	01/19/94	12:00	11.5	7.3	8.8	838	99	121	0.36	0.002		188	39	22	3.3	101	117	0.5	492
940315	VERNALIS	02/17/94	11:50	12.1	7.7	10.0	1000	123	138	0.39	0.003		219	48	24	4.3	123	163	0.8	604
940496	VERNALIS	03/24/94	11:30	14.3	6.8	10.4	824	93	112	0.33	0.004		182	40	20	2.8	88	140	0.6	490
940620	VERNALIS	04/19/94	9:55	19.7	7.8	8.9	871	98	128	0.37	-0.001		197	41	23	3.2	107	122	0.5	524
940774	VERNALIS	05/04/94	9:44	19.6	7.7	7.9					0.003									
940777	VERNALIS	05/04/94	9:44	19.6	7.7	7.9					0.003									
940855	VERNALIS	05/19/94	10:35	18.5	7.6	8.4	717	79	98	0.31	0.002		166	35	19	2.7	83	102	0.4	419
941021	VERNALIS	06/22/94	11:30	22.8	8.2	10.5	870	95	121	0.40	0.003		207	45	23	2.9	108	127	0.5	521
941022	VERNALIS	06/22/94	11:30	22.8	8.2	10.5	855	94	119	0.42	0.003		207	45	23	2.9	107	126	0.5	513
941345	VERNALIS	07/19/94	9:52	22.4	8.1	9.2	911	105	129	0.41	0.004		223	48	25	3.1	112	143	0.6	558
941767	VERNALIS	08/25/94	12:31	24.0	8.0	8.8	838	94	125	0.39	0.002		210	43	25	3.1	114	113	0.5	484
941907	VERNALIS	09/22/94	12:15	24.1	8.2	9.6	974	116	141	0.43	0.002		228	47	27	3.5	139	115	0.5	574
931702	WOODWARDPP	10/19/93	7:11	13.6	6.4	5.6	420	48	61	0.20			86	18	10	2.5	78	28	0.2	255
940065	WOODWARDPP	01/11/94	9:00	8.6	7.2	7.7	691	68	91	0.21			182	40	20	2.6	75	107	0.2	440
940631	WOODWARDPP	04/19/94	6:55	17.3	7.1	7.1	455	48	64	0.20			111	23	13	1.6	88	35	0.2	285
941174	WOODWARDPP	06/22/94	7:25	18.8	7.0	5.2	398	45	57	0.21			90	18	11	1.8	65	37	0.2	240
931746	WSTCANCLIFT	10/20/93	9:15	18.1	7.3	7.8	356	38	59	0.18			72	14	9	2.3	60	19	-0.1	196
940109	WSTCANCLIFT	01/12/94	11:30	9.5	7.3	9.6	542	58	74	0.22			127	26	15	2.7	75	65	0.3	318

Note: Negative values signify reporting limits. Concentration of analyte below reporting limit.

MINERAL DATA REPORT

LAB#	STA. NAME	SAMP. DATE	TIME	TEMP oC	pH	DO mg/L	EC uS/cm	Na mg/L	Cl mg/L	Br mg/L	Se mg/L	Asbest MF/L	Hard. mg/L	Ca	Mg	K	ALK mg/L	SO4	B	TDS
940675	WSTCANCLIFT	04/20/94	9:35	19.4	7.1	7.9	839	94	120	0.36			200	42	23	3.4	101	117	0.5	492
941390	WSTCANCLIFT	07/20/94	10:22	24.5	7.7	6.7	555	65	98	0.30			104	17	15	3.1	68	37	0.2	303
941400	WSTCANCLIFT	07/20/94	10:22	24.5	7.7	6.7	556	64	101	0.30			103	18	14	3.2	68	40	0.2	305
931698	YOLOBYTOE@80	10/19/93	13:40	19.2	8.2	10.1	1600	193	241	0.27			418	57	67	7.6	400	97	2.	929
940061	YOLOBYTOE@80	01/11/94	11:31	10.2	5.5	8.2	900	94	75	0.14			259	41	38	5.1	259	101	0.9	542
940626	YOLOBYTOE@80	04/19/94	12:50	22.9	8.1	9.1	657	68	49	0.12			195	32	28	3.2	204	69	0.6	394
941169	YOLOBYTOE@80	06/21/94	12:15	22.6	8.2	7.5	388	33	28	0.10			132	20	20	2.8	125	29	0.3	224
941351	YOLOBYTOE@80	07/19/94	12:38	25.4	7.6	7.7	337	26	24	0.06			119	18	18	2.8	111	22	0.2	194

Note: Negative values signify reporting limits. Concentration of analyte below reporting limit.

D. DWR MWQI Autosampler Data Report

07/27/95

Page 1

Nosuf	Station	Date	Weekday	Time	Field EC	Field Temp.	DOC	UVA	Run TFPC Type
931765	GREENES	10/12/93	Tuesday	13:00			2.1	0.044	07M
931766	GREENES	10/13/93	Wednesday	13:00			1.8	0.042	07M
931767	GREENES	10/14/93	Thursday	13:00			1.7	0.041	07M
931768	GREENES	10/15/93	Friday	13:00			1.8	0.046	07M
931769	GREENES	10/16/93	Saturday	13:00			1.8	0.048	07M
931770	GREENES	10/17/93	Sunday	13:00			1.8	0.055	07M
931771	GREENES	10/18/93	Monday	13:00			1.8	0.045	19 07M
931787	GREENES	10/19/93	Tuesday	11:00			1.7	0.039	07M
931788	GREENES	10/20/93	Wednesday	11:00			1.5	0.042	07M
931789	GREENES	10/21/93	Thursday	11:00			1.7	0.049	07M
931790	GREENES	10/22/93	Friday	11:00				0.062	07M
931791	GREENES	10/23/93	Saturday	11:00			2.4	0.071	07M
931792	GREENES	10/24/93	Sunday	11:00			1.9	0.054	07M
931793	GREENES	10/25/93	Monday	11:00			2.0	0.048	20 07M
931803	GREENES	10/26/93	Tuesday	12:00			1.6	0.032	07ZM
931818	GREENES	10/26/93	Tuesday	12:00			1.6	0.040	07YM
931819	GREENES	10/27/93	Wednesday	12:00			1.6	0.038	07M
931820	GREENES	10/28/93	Thursday	12:00			1.5	0.038	07M
931821	GREENES	10/29/93	Friday	12:00			1.6	0.040	07M
931822	GREENES	10/30/93	Saturday	12:00			1.6	0.039	07M
931823	GREENES	10/31/93	Sunday	12:00			1.7	0.039	07M
931824	GREENES	11/01/93	Monday	12:00			1.9	0.040	20 07M
931828	GREENES	11/02/93	Tuesday	12:00			1.6	0.043	07ZM
931843	GREENES	11/02/93	Tuesday	12:00			1.6	0.039	07YM
931969	GREENES	11/02/93	Tuesday	14:00			1.4	0.034	16 07M
931844	GREENES	11/03/93	Wednesday	12:00			1.6	0.040	07M
931845	GREENES	11/04/93	Thursday	12:00			1.6	0.042	07M
931846	GREENES	11/05/93	Friday	12:00			1.6	0.041	07M
931847	GREENES	11/06/93	Saturday	12:00			1.6	0.041	07M
931848	GREENES	11/07/93	Sunday	12:00			1.8	0.044	07M
931849	GREENES	11/08/93	Monday	12:00			1.8	0.043	19 07M
931906	GREENES	11/09/93	Tuesday	14:00			1.7	0.044	07M
931907	GREENES	11/10/93	Wednesday	14:00			1.6	0.041	07M
931908	GREENES	11/11/93	Thursday	14:00			1.8	0.046	07M
931909	GREENES	11/12/93	Friday	14:00			2.1	0.055	07M
931910	GREENES	11/13/93	Saturday	14:00			1.9	0.049	07M
931911	GREENES	11/14/93	Sunday	14:00			2.0	0.049	07M
931912	GREENES	11/15/93	Monday	14:00			2.1	0.052	22 07M
931923	GREENES	11/16/93	Tuesday	12:00			2.1	0.046	07ZM
931938	GREENES	11/16/93	Tuesday	12:00			2.2	0.048	07YM
931939	GREENES	11/17/93	Wednesday	12:00			2.2	0.052	07M
931940	GREENES	11/18/93	Thursday	12:00			2.1	0.053	07M
931941	GREENES	11/19/93	Friday	12:00			3.1	0.063	07M
931942	GREENES	11/20/93	Saturday	12:00			2.2	0.053	07M
931943	GREENES	11/21/93	Sunday	12:00			2.1	0.050	07M
931944	GREENES	11/22/93	Monday	12:00			2.0	0.050	20 07M
931960	GREENES	11/23/93	Tuesday	12:00			2.1	0.046	07M
931961	GREENES	11/24/93	Wednesday	12:00			2.0	0.046	07M
931962	GREENES	11/25/93	Thursday	12:00			2.0	0.043	07M

DWR MNIQI Autosampler Data Report

07/27/95

Page 2

Nosuf	Station	Date	Weekday	Time	Field		DOC	UVA	Run	TFPC	Type
					EC	Temp.					
931963	GREENES	11/26/93	Friday	12:00			2.0	0.043		07M	
931964	GREENES	11/27/93	Saturday	12:00			1.8	0.044		07M	
931965	GREENES	11/28/93	Sunday	12:00			1.9	0.044		07M	
931966	GREENES	11/29/93	Monday	12:00			2.0	0.044	20	07M	
931970	GREENES	11/30/93	Tuesday	11:00			2.0	0.052		07ZM	
931985	GREENES	11/30/93	Tuesday	11:00			2.0	0.051		07YM	
931986	GREENES	12/01/93	Wednesday	11:00			2.5	0.074		07M	
931987	GREENES	12/02/93	Thursday	11:00			2.3	0.064		07M	
931988	GREENES	12/03/93	Friday	11:00			2.2	0.059		07M	
931989	GREENES	12/04/93	Saturday	11:00			2.1	0.055		07M	
931990	GREENES	12/05/93	Sunday	11:00			2.3	0.056		07M	
931991	GREENES	12/06/93	Monday	11:00			2.2	0.062	26	07M	
932017	GREENES	12/07/93	Tuesday	12:00	153	10.1	2.2	0.055		07M	
932018	GREENES	12/08/93	Wednesday	12:00	142	10.1	1.9	0.050		07M	
932019	GREENES	12/09/93	Thursday	12:00	153	10.1	2.0	0.049		07M	
932020	GREENES	12/10/93	Friday	12:00	141	10.1	2.1	0.060		07M	
932021	GREENES	12/11/93	Saturday	12:00	134	10.0	2.0	0.060		07M	
932022	GREENES	12/12/93	Sunday	12:00	138	10.0	2.1	0.057		07M	
932023	GREENES	12/13/93	Monday	12:00	137	10.0	2.3	0.070	29	07M	
932065	GREENES	12/14/93	Tuesday	12:00	186	5.4	2.5	0.078		07ZM	
932080	GREENES	12/14/93	Tuesday	12:00	186	5.4	2.4	0.077		07YM	
932081	GREENES	12/15/93	Wednesday	12:00	144	3.6	2.4	0.076		07M	
932082	GREENES	12/16/93	Thursday	12:00	139	3.7	3.3	0.117		07M	
932083	GREENES	12/17/93	Friday	12:00	146	3.7	3.0	0.115		07M	
932084	GREENES	12/18/93	Saturday	12:00	141	3.8	3.4	0.126		07M	
932085	GREENES	12/19/93	Sunday	12:00	156	3.8	3.6	0.131		07M	
932086	GREENES	12/20/93	Monday	12:00	168	3.9	3.1	0.111	41	07M	
932092	GREENES	12/21/93	Tuesday	11:00	172	7.4	2.8	0.080		07ZM	
932107	GREENES	12/21/93	Tuesday	11:00	172	7.4	2.8	0.080		07YM	
932108	GREENES	12/22/93	Wednesday	11:00	172	6.7	2.5	0.071		07M	
932109	GREENES	12/23/93	Thursday	11:00	168	6.4	2.2	0.059		07M	
932110	GREENES	12/24/93	Friday	11:00	164	6.5	2.0	0.057		07M	
932111	GREENES	12/25/93	Saturday	11:00	168	6.4	2.0	0.054		07M	
932112	GREENES	12/26/93	Sunday	11:00	160	6.5	1.9	0.050		07M	
932113	GREENES	12/27/93	Monday	11:00	167	6.3	2.2	0.051	24	07M	
940016	GREENES	12/28/93	Tuesday	12:00	171	8.8	1.9	0.048		07M	
940017	GREENES	12/29/93	Wednesday	12:00	146	8.1	1.8	0.047		07M	
940018	GREENES	12/30/93	Thursday	12:00	145	8.0	1.8	0.046		07M	
940019	GREENES	12/31/93	Friday	12:00	150	8.0	1.8	0.047		07M	
940020	GREENES	01/01/94	Saturday	12:00	157	7.9	1.8	0.047		07M	
940021	GREENES	01/02/94	Sunday	12:00	162	7.9	1.8	0.048		07M	
940022	GREENES	01/03/94	Monday	12:00	166	8.0	1.8	0.048	21	07M	
940113	GREENES	01/04/94	Tuesday	12:00	170	7.6	2.0	0.045		07ZM	
940128	GREENES	01/04/94	Tuesday	12:00	170	7.6	2.0	0.052		07YM	
940129	GREENES	01/05/94	Wednesday	12:00	174	6.9	1.9	0.046		07M	
940130	GREENES	01/06/94	Thursday	12:00	180	6.9	1.9	0.046		07M	
940131	GREENES	01/07/94	Friday	12:00	177	6.8	1.8	0.045		07M	
940132	GREENES	01/08/94	Saturday	12:00	179	6.8	1.6	0.043		07M	
940133	GREENES	01/09/94	Sunday	12:00	178	6.7	1.9	0.044		07M	

DWR MWQI Autosampler Data Report

07/27/95

Page 3

Nosuf	Station	Date	Weekday	Time	Field EC	Field Temp.	DOC	UVA	Run TFPC	Type
940134	GREENES	01/10/94	Monday	12:00	176	6.8	1.8	0.044	18	07M
940150	GREENES	01/11/94	Tuesday	14:00	178	8.6	1.8	0.043		07M
940151	GREENES	01/12/94	Wednesday	14:00	179	8.4	1.7	0.041		07M
940152	GREENES	01/13/94	Thursday	14:00	178	8.4	1.7	0.045		07M
940153	GREENES	01/14/94	Friday	14:00	177	8.4	1.7	0.043		07M
940154	GREENES	01/15/94	Saturday	14:00	175	8.5	1.6	0.042		07M
940155	GREENES	01/16/94	Sunday	14:00	178	8.6	1.6	0.040		07M
940156	GREENES	01/17/94	Monday	14:00	180	8.7	1.8	0.042	19	07M
940182	GREENES	01/18/94	Tuesday	11:00	175	10.1	1.8	0.038		07M
940183	GREENES	01/19/94	Wednesday	11:00	167	9.7	1.7	0.037		07M
940184	GREENES	01/20/94	Thursday	11:00	169	9.7	1.6	0.036		07M
940185	GREENES	01/21/94	Friday	11:00	203	9.6	1.8	0.039		07M
940186	GREENES	01/22/94	Saturday	11:00	207	9.6	1.7	0.039		07M
940187	GREENES	01/23/94	Sunday	11:00	196	9.4	1.9	0.043		07M
940188	GREENES	01/24/94	Monday	11:00	186	9.6	1.9	0.045	21	07M
940215	GREENES	01/25/94	Tuesday	15:00	186	7.2	2.2	0.054		07ZM
940230	GREENES	01/25/94	Tuesday	15:00	186	7.2	2.2	0.058		07YM
940231	GREENES	01/26/94	Wednesday	15:00	225	6.0	2.7	0.073		07M
940232	GREENES	01/27/94	Thursday	15:00	209	6.0	2.8	0.086		07M
940233	GREENES	01/28/94	Friday	15:00	184	5.9	4.8	0.170		07M
940234	GREENES	01/29/94	Saturday	15:00	196	5.9	4.8	0.178		07M
940235	GREENES	01/30/94	Sunday	15:00	194	6.0	4.1	0.147		07M
940236	GREENES	01/31/94	Monday	15:00	215	6.1	3.6	0.121	46	07M
940259	GREENES	02/01/94	Tuesday	13:00	202	11.1	3.4	0.106		07M
940260	GREENES	02/02/94	Wednesday	13:00	208	10.6	2.9	0.090		07M
940261	GREENES	02/03/94	Thursday	13:00	214	10.7	2.6	0.073		07M
940262	GREENES	02/04/94	Friday	13:00	210	10.7	2.2	0.060		07M
940263	GREENES	02/05/94	Saturday	13:00	207	10.7	2.1	0.059		07M
940264	GREENES	02/06/94	Sunday	13:00	210	10.6	2.1	0.054		07M
940265	GREENES	02/07/94	Monday	13:00	210	10.6		0.054	20	07M
940300	GREENES	02/08/94	Tuesday	14:00	203	9.2	2.5	0.078		07M
940301	GREENES	02/09/94	Wednesday	14:00	226	9.1	3.1	0.105		07M
940302	GREENES	02/10/94	Thursday	14:00	130	9.2	5.0	0.217		07M
940303	GREENES	02/11/94	Friday	14:00	140	9.2	4.9	0.215		07M
940304	GREENES	02/12/94	Saturday	14:00	173	9.3	5.2	0.200		07M
940305	GREENES	02/13/94	Sunday	14:00	182	9.3	4.3	0.173		07M
940306	GREENES	02/14/94	Monday	14:00	188	9.4	3.2	0.112	41	07M
940340	GREENES	02/15/94	Tuesday	14:00	196	8.5	3.9	0.146		07M
940341	GREENES	02/16/94	Wednesday	14:00	198	7.8	3.5	0.134		07M
940342	GREENES	02/17/94	Thursday	14:00	225	7.7	3.2	0.109		07M
940343	GREENES	02/18/94	Friday	14:00	227	7.7	3.0	0.094		07M
940344	GREENES	02/19/94	Saturday	14:00	253	7.7	3.0	0.090		07M
940345	GREENES	02/20/94	Sunday	14:00	211	7.7	3.2	0.084		07M
940346	GREENES	02/21/94	Monday	14:00	171	7.5	3.8	0.146	47	07M
940384	GREENES	02/22/94	Tuesday	12:00	160	15.5	3.7	0.140		07M
940385	GREENES	02/23/94	Wednesday	12:00	131	15.6	4.4	0.201		07M
940386	GREENES	02/24/94	Thursday	12:00	148	15.8	4.0	0.165		07M
940387	GREENES	02/25/94	Friday	12:00	170	15.8	3.5	0.135		07M
940388	GREENES	02/26/94	Saturday	12:00	198	15.7	3.4	0.116		07M

DNR MWQI Autosampler Data Report

07/27/95

Page 4

Nosuf	Station	Date	Weekday	Time	Field		DOC	UVA	Run	
					EC	Temp.			TFPC	Type
940389	GREENES	02/27/94	Sunday	12:00	204	14.8	3.0	0.100	07M	
940390	GREENES	02/28/94	Monday	12:00	222	14.6	2.8	0.089	33	07M
940398	GREENES	03/03/94	Thursday	13:00	193	15.2	2.1	0.064		07YM
940415	GREENES	03/03/94	Thursday	13:00	193	15.2	2.2	0.061		07YM
940416	GREENES	03/04/94	Friday	13:00	187	14.7	2.5	0.077		07M
940417	GREENES	03/05/94	Saturday	13:00	191	14.8	2.7	0.088		07M
940418	GREENES	03/06/94	Sunday	13:00	216	14.9	2.6	0.081		07M
940419	GREENES	03/07/94	Monday	13:00	217	15.1	2.6	0.071	24	07M
940452	GREENES	03/08/94	Tuesday	14:00	230	16.1	2.4	0.062		07M
940453	GREENES	03/09/94	Wednesday	14:00	218	16.1	2.4	0.063		07M
940454	GREENES	03/10/94	Thursday	14:00	207	16.1	2.3	0.061		07M
940455	GREENES	03/11/94	Friday	14:00	205	16.1	2.4	0.062		07M
940456	GREENES	03/12/94	Saturday	14:00	207	16.1	2.4	0.060		07M
940457	GREENES	03/13/94	Sunday	14:00	215	16.1	2.4	0.056		07M
940458	GREENES	03/14/94	Monday	14:00	199	16.1	2.4	0.052	21	07M
940481	GREENES	03/15/94	Tuesday	15:00	193	11.9	2.0	0.046		07M
940482	GREENES	03/16/94	Wednesday	15:00	186	11.4	1.9	0.045		07M
940483	GREENES	03/17/94	Thursday	15:00	190	11.2	1.9	0.046		07M
940484	GREENES	03/18/94	Friday	15:00	198	11.1	1.9	0.047		07M
940485	GREENES	03/19/94	Saturday	15:00	204	11.1	1.8	0.046		07M
940486	GREENES	03/20/94	Sunday	15:00	202	11.1	1.9	0.045		07M
940487	GREENES	03/21/94	Monday	15:00	197	11.0	1.9	0.043	17	07M
940521	GREENES	03/22/94	Tuesday	14:00	184	16.2	1.7	0.038		07M
940522	GREENES	03/23/94	Wednesday	14:00	171	15.7	1.9	0.046		07M
940523	GREENES	03/24/94	Thursday	14:00	174	15.8	2.0	0.052		07M
940524	GREENES	03/25/94	Friday	14:00	183	15.5	1.8	0.047		07M
940525	GREENES	03/26/94	Saturday	14:00	175	15.6	1.7	0.043		07M
940526	GREENES	03/27/94	Sunday	14:00	179	15.5	1.7	0.041		07M
940527	GREENES	03/28/94	Monday	14:00	188	15.4	2.1	0.044	22	07M
940540	GREENES	03/29/94	Tuesday	13:00	190	16.6	1.7	0.037		07ZM
940555	GREENES	03/29/94	Tuesday	13:00	190	16.6	1.8	0.037		07YM
940556	GREENES	03/30/94	Wednesday	13:00	196	15.9	1.7	0.037		07M
940557	GREENES	03/31/94	Thursday	13:00	204	15.7	1.8	0.038		07M
940558	GREENES	04/01/94	Friday	13:00	197	15.8	1.7	0.038		07M
940559	GREENES	04/02/94	Saturday	13:00	183	15.8	1.9	0.040		07M
940560	GREENES	04/03/94	Sunday	13:00	189	15.8	2.0	0.039		07M
940561	GREENES	04/04/94	Monday	13:00	212	15.9	1.9	0.044	28	07M
940584	GREENES	04/05/94	Tuesday	13:00	205	18.5	1.8	0.033		07M
940585	GREENES	04/06/94	Wednesday	13:00	199	17.1	1.8	0.040		07M
940586	GREENES	04/07/94	Thursday	13:00	180	16.9	1.6	0.038		07M
940587	GREENES	04/08/94	Friday	13:00	193	17.1	1.8	0.040		07M
940588	GREENES	04/09/94	Saturday	13:00	209	17.1	2.0	0.043		07M
940589	GREENES	04/10/94	Sunday	13:00	200	17.4	1.9	0.046		07M
940590	GREENES	04/11/94	Monday	13:00	202	18.0	2.0	0.047	17	07M
940694	GREENES	04/12/94	Tuesday	12:00	212	18.1	2.1	0.039		07M
940695	GREENES	04/13/94	Wednesday	12:00	205	17.5	1.7	0.040		07M
940696	GREENES	04/14/94	Thursday	12:00	202	17.4	1.7	0.041		07M
940697	GREENES	04/15/94	Friday	12:00	193	17.3	1.8	0.041		07M
940698	GREENES	04/16/94	Saturday	12:00	183	17.4	1.6	0.040		07M

DNR MWQI Autosampler Data Report

07/27/95

Page 5

Nosuf	Station	Date	Weekday	Time	Field EC	Field Temp.	DOC	UVA	Run TFPC Type
940699	GREENES	04/17/94	Sunday	12:00	189	17.4	1.8	0.043	07M
940700	GREENES	04/18/94	Monday	12:00	188	17.2	1.9	0.047	20 07M
940723	GREENES	04/19/94	Tuesday	12:00	185	14.4	2.0	0.047	07M
940724	GREENES	04/20/94	Wednesday	12:00	188	12.8	1.8	0.043	07M
940725	GREENES	04/21/94	Thursday	12:00	190	12.9	1.8	0.058	07M
940726	GREENES	04/22/94	Friday	12:00	183	12.7	1.9	0.049	07M
940727	GREENES	04/23/94	Saturday	12:00	170	12.7	2.1	0.045	07M
940728	GREENES	04/24/94	Sunday	12:00	163	12.7	1.9	0.046	07M
940729	GREENES	04/25/94	Monday	12:00	165	12.7	2.0	0.047	24 07M
940745	GREENES	04/26/94	Tuesday	12:30	172	3.2	2.3	0.045	07ZM
940760	GREENES	04/26/94	Tuesday	12:30	172	3.2	2.3	0.043	07YM
940761	GREENES	04/27/94	Wednesday	12:30	175	3.4	2.4	0.044	07M
940762	GREENES	04/28/94	Thursday	12:30	169	3.1	2.2	0.042	07M
940763	GREENES	04/29/94	Friday	12:30	165	3.0	2.2	0.040	07M
940764	GREENES	04/30/94	Saturday	12:30	185	2.4	2.4	0.044	07M
940765	GREENES	05/01/94	Sunday	12:30	175	2.4	2.3	0.043	07M
940766	GREENES	05/02/94	Monday	12:30	175	2.4	2.1	0.044	22 07M
940800	GREENES	05/03/94	Tuesday	10:13	166	6.5	2.9	0.046	07M
940801	GREENES	05/04/94	Wednesday	10:13	167	3.8	2.7	0.047	07M
940802	GREENES	05/05/94	Thursday	10:13	171	3.5	2.5	0.046	07M
940803	GREENES	05/06/94	Friday	10:13	171	2.9	2.5	0.047	07M
940804	GREENES	05/07/94	Saturday	10:13	175	2.2	2.8	0.047	07M
940805	GREENES	05/08/94	Sunday	10:13	163	2.0	2.9	0.052	07M
940806	GREENES	05/09/94	Monday	10:13	161	3.3	2.9	0.060	23 07M
940825	GREENES	05/10/94	Tuesday	13:28	178	3.7	2.7	0.044	07ZM
940840	GREENES	05/10/94	Tuesday	13:28	178	3.7	2.8	0.044	07YM
940841	GREENES	05/11/94	Wednesday	13:28	205	3.6	3.0	0.050	07M
940842	GREENES	05/12/94	Thursday	13:28	200	3.2	3.0	0.052	07M
940843	GREENES	05/13/94	Friday	13:28	199	2.5	3.0	0.051	07M
940844	GREENES	05/14/94	Saturday	13:28	189	2.2	2.9	0.049	07M
940845	GREENES	05/15/94	Sunday	13:28	178	2.2	2.8	0.047	07M
940846	GREENES	05/16/94	Monday	13:28	169	3.7	2.4	0.043	20 07M
940880	GREENES	05/17/94	Tuesday	14:02	169	8.1	2.2	0.038	07M
940881	GREENES	05/18/94	Wednesday	14:02	168	4.9	2.4	0.041	07M
940882	GREENES	05/19/94	Thursday	14:02	167	3.9	2.7	0.041	07M
940883	GREENES	05/20/94	Friday	14:02	174	3.4	2.4	0.042	07M
940884	GREENES	05/21/94	Saturday	14:02	181	2.7	2.4	0.041	07M
940885	GREENES	05/22/94	Sunday	14:02	184	2.0	2.5	0.040	07M
940886	GREENES	05/23/94	Monday	14:02	186	1.5	2.5	0.040	19 07M
940909	GREENES	05/24/94	Tuesday	13:58	91	6.1	2.6	0.040	07M
940910	GREENES	05/25/94	Wednesday	13:58	249	4.3	2.9	0.051	07M
940911	GREENES	05/26/94	Thursday	13:58	202	3.5	2.6	0.050	07M
940912	GREENES	05/27/94	Friday	13:58	186	2.7	2.5	0.047	07M
940913	GREENES	05/28/94	Saturday	13:58	181	2.0	2.4	0.042	07M
940914	GREENES	05/29/94	Sunday	13:58	170	1.5	2.5	0.040	07M
940915	GREENES	05/30/94	Monday	13:58	166	1.7	2.5	0.043	18 07M
941007	GREENES	05/31/94	Tuesday	13:25	174	5.9	2.5	0.036	07M
941008	GREENES	06/01/94	Wednesday	13:25	182	3.7	2.4	0.041	07M
941009	GREENES	06/02/94	Thursday	13:25	187	3.4	2.6	0.041	07M

DWR MWQI Autosampler Data Report

07/27/95

Page 6

Nosuf	Station	Date	Weekday	Time	Field EC	Field Temp.	DOC	UVA	Run TFPC Type
941010	GREENES	06/03/94	Friday	13:25	184	3.0	2.7	0.042	07M
941011	GREENES	06/04/94	Saturday	13:25	175	2.6	2.6	0.040	07M
941012	GREENES	06/05/94	Sunday	13:25	178	2.2	2.6	0.040	07M
941013	GREENES	06/06/94	Monday	13:25	167	2.0	2.4	0.039	20 07M
941047	GREENES	06/07/94	Tuesday	13:00	173	7.6	2.2	0.037	07M
941048	GREENES	06/08/94	Wednesday	13:00	180	5.3	2.1	0.041	07M
941049	GREENES	06/09/94	Thursday	13:00	174	4.2	1.8	0.039	07M
941050	GREENES	06/10/94	Friday	13:00	173	3.9	2.1	0.040	07M
941051	GREENES	06/11/94	Saturday	13:00	168	2.6	2.1	0.040	07M
941052	GREENES	06/12/94	Sunday	13:00	163	2.1	1.9	0.040	07M
941053	GREENES	06/13/94	Monday	13:00	158	1.7	3.6	0.039	31 07M
941197	GREENES	06/14/94	Tuesday	12:52	145	20.8	2.1	0.039	07M
941198	GREENES	06/15/94	Wednesday	12:52	150	20.7	2.0	0.037	07M
941199	GREENES	06/16/94	Thursday	12:52	151	20.6	2.4	0.036	07M
941200	GREENES	06/17/94	Friday	12:52	149	20.6	2.7	0.036	07M
941201	GREENES	06/18/94	Saturday	12:52	146	20.6	2.7	0.039	07M
941202	GREENES	06/19/94	Sunday	12:52	140	20.6	2.1	0.038	07M
941203	GREENES	06/20/94	Monday	12:52	142	20.5	2.7	0.038	22 07M
941233	GREENES	06/21/94	Tuesday	13:22	136	24.6	1.9	0.044	07M
941234	GREENES	06/22/94	Wednesday	13:22	141	24.8	1.6	0.040	07M
941235	GREENES	06/23/94	Thursday	13:22	142	25.0	1.6	0.035	07M
941236	GREENES	06/24/94	Friday	13:22	146	25.2	1.6	0.037	07M
941237	GREENES	06/25/94	Saturday	13:22	152	25.2	1.8	0.037	07M
941238	GREENES	06/26/94	Sunday	13:22	149	25.2	2.2	0.043	07M
941239	GREENES	06/27/94	Monday	13:22	144	24.9	2.8	0.037	24 07M
941279	GREENES	06/28/94	Tuesday	14:10	134	22.3	2.0	0.043	07M
941280	GREENES	06/29/94	Wednesday	14:10	140	22.0	2.0	0.038	07M
941281	GREENES	06/30/94	Thursday	14:10	139	21.7	2.1	0.036	07M
941282	GREENES	07/01/94	Friday	14:10	139	21.7	2.8	0.036	07M
941283	GREENES	07/02/94	Saturday	14:10	138	21.6	3.9	0.037	07M
941284	GREENES	07/03/94	Sunday	14:10	139	21.6	3.4	0.038	07M
941285	GREENES	07/04/94	Monday	14:10	138	21.5	4.7	0.038	38 07M
941301	GREENES	07/05/94	Tuesday	11:50	132	24.5	1.7	0.034	07M
941302	GREENES	07/06/94	Wednesday	11:50	130	23.4	1.7	0.034	07M
941303	GREENES	07/07/94	Thursday	11:50	130	22.8	1.6	0.035	07M
941304	GREENES	07/08/94	Friday	11:50	127	22.8	1.5	0.033	07M
941305	GREENES	07/09/94	Saturday	11:50	119	22.7	1.6	0.034	07M
941306	GREENES	07/10/94	Sunday	11:50	114	22.6	1.7	0.036	07M
941307	GREENES	07/11/94	Monday	11:50	113	22.5	1.7	0.037	19 07M
941404	GREENES	07/12/94	Tuesday	12:23	118	21.6	2.0	0.034	07M
941419	GREENES	07/12/94	Tuesday	12:23	118	21.6	2.1	0.033	07M
941420	GREENES	07/13/94	Wednesday	12:23	123	21.6	2.0	0.035	07M
941421	GREENES	07/14/94	Thursday	12:23	125	21.6	2.2	0.035	07M
941422	GREENES	07/15/94	Friday	12:23	129	21.6	2.0	0.035	07M
941423	GREENES	07/16/94	Saturday	12:23	128	21.6	3.0	0.037	07M
941424	GREENES	07/17/94	Sunday	12:23	129	21.6	3.3	0.037	07M
941425	GREENES	07/18/94	Monday	12:23	134	21.3	5.1	0.038	37 07M
941469	GREENES	07/19/94	Tuesday	12:15	136	25.3	2.0	0.036	07M
941470	GREENES	07/20/94	Wednesday	12:15	138	24.5	2.0	0.038	07M

DWR MWQI Autosampler Data Report

07/27/95

Page 7

Nosuf	Station	Date	Weekday	Time	Field EC	Field Temp.	DOC	UVA	Run TFPC	Type
941471	GREENES	07/21/94	Thursday	12:15	135	24.3	2.3	0.038	07M	
941472	GREENES	07/22/94	Friday	12:15	138	24.3	2.5	0.037	07M	
941473	GREENES	07/23/94	Saturday	12:15	141	24.3	2.7	0.039	07M	
941474	GREENES	07/24/94	Sunday	12:15	141	24.2	3.3	0.038	07M	
941475	GREENES	07/25/94	Monday	12:15	144	24.3	3.7	0.041	32	07M
941555	GREENES	07/26/94	Tuesday	13:30	135	20.4	1.8	0.033	07M	
941556	GREENES	07/27/94	Wednesday	13:30	139	20.5	2.2	0.036	07M	
941557	GREENES	07/28/94	Thursday	13:30	140	20.2	2.2	0.038	07M	
941558	GREENES	07/29/94	Friday	13:30	140	20.2	2.9	0.037	07M	
941559	GREENES	07/30/94	Saturday	13:30	143	20.3	2.7	0.037	07M	
941560	GREENES	07/31/94	Sunday	13:30	145	20.5	3.3	0.039	07M	
941561	GREENES	08/01/94	Monday	13:30	150	20.3	5.1	0.040	40	07M
941637	GREENES	08/02/94	Tuesday	11:38	151	24.2	1.7	0.037	07M	
941638	GREENES	08/03/94	Wednesday	11:38	153	23.5	1.5	0.037	07M	
941639	GREENES	08/04/94	Thursday	11:38	152	23.5	1.6	0.035	07M	
941640	GREENES	08/05/94	Friday	11:38	155	23.5	1.4	0.036	07M	
941641	GREENES	08/06/94	Saturday	11:38	153	23.3	1.6	0.036	07M	
941642	GREENES	08/07/94	Sunday	11:38	151	23.4	1.6	0.037	07M	
941643	GREENES	08/08/94	Monday	11:38	148	23.4	1.7	0.038	30	07M
941673	GREENES	08/09/94	Tuesday	12:10	152	25.9	2.2	0.039	07M	
941674	GREENES	08/10/94	Wednesday	12:10	158	25.6	2.2	0.038	07M	
941675	GREENES	08/11/94	Thursday	12:10	163	25.7	2.3	0.039	07M	
941676	GREENES	08/12/94	Friday	12:10	159	25.7	2.6	0.038	07M	
941677	GREENES	08/13/94	Saturday	12:10	154	25.8	2.4	0.037	07M	
941678	GREENES	08/14/94	Sunday	12:10	152	25.7	2.6	0.038	07M	
941679	GREENES	08/15/94	Monday	12:10	152	25.7	3.2	0.038	24	07M
941718	GREENES	08/16/94	Tuesday	13:32	157	21.9	2.0	0.035	07M	
941719	GREENES	08/17/94	Wednesday	13:32	152	21.7	1.7	0.035	07M	
941720	GREENES	08/18/94	Thursday	13:32	150	21.7	1.6	0.036	07M	
941721	GREENES	08/19/94	Friday	13:32	153	21.7	1.8	0.037	07M	
941722	GREENES	08/20/94	Saturday	13:32	165	21.8	1.6	0.040	07M	
941723	GREENES	08/21/94	Sunday	13:32	150	21.8	1.7	0.037	07M	
941724	GREENES	08/22/94	Monday	13:32	147	21.8	1.5	0.037	18	07M
941747	GREENES	08/23/94	Tuesday	11:48	167	23.6	3.5	0.045	07M	
941748	GREENES	08/24/94	Wednesday	11:48	179	23.0	2.4	0.041	07M	
941749	GREENES	08/25/94	Thursday	11:48	178	23.0	2.0	0.042	07M	
941750	GREENES	08/26/94	Friday	11:48	177	22.9	1.9	0.042	07M	
941751	GREENES	08/27/94	Saturday	11:48	189	23.0	2.1	0.043	07M	
941752	GREENES	08/28/94	Sunday	11:48	203	22.9	2.4	0.045	07M	
941753	GREENES	08/29/94	Monday	11:48	195	23.1	4.1	0.046	33	07M
941818	GREENES	08/30/94	Tuesday	12:02	206	23.4	2.3	0.045	07M	
941819	GREENES	08/31/94	Wednesday	12:02	202	23.8	2.3	0.045	07M	
941820	GREENES	09/01/94	Thursday	12:02	212	24.0	2.2	0.044	07M	
941821	GREENES	09/02/94	Friday	12:02	206	24.1	2.2	0.044	07M	
941822	GREENES	09/03/94	Saturday	12:02	212	24.1	2.1	0.045	07M	
941823	GREENES	09/04/94	Sunday	12:02	205	24.2	2.7	0.047	07M	
941824	GREENES	09/05/94	Monday	12:02	203	24.3	3.0	0.045	25	07M
941847	GREENES	09/06/94	Tuesday	12:50	204	20.8	2.2	0.046	07M	
941848	GREENES	09/07/94	Wednesday	12:50	203	20.2	1.9	0.044	07M	

DWR MWQI Autosampler Data Report

07/27/95

Page 8

Nosuf	Station	Date	Weekday	Time	Field EC	Field Temp.	DOC	UVA	Run TFPC	Type
941849	GREENES	09/08/94	Thursday	12:50	196	19.9	2.0	0.042	07M	
941850	GREENES	09/09/94	Friday	12:50	200	19.8	1.6	0.041	07M	
941851	GREENES	09/10/94	Saturday	12:50	223	19.7	2.6	0.046	07M	
941852	GREENES	09/11/94	Sunday	12:50	216	19.7	2.3	0.046	07M	
941853	GREENES	09/12/94	Monday	12:50	217	19.7	3.4	0.047	33 07M	
941887	GREENES	09/13/94	Tuesday	12:50	218	19.3	2.6	0.054	07M	
941888	GREENES	09/14/94	Wednesday	12:50	188	21.2	2.0	0.046	07M	
941889	GREENES	09/15/94	Thursday	12:50	218	21.9	2.0	0.047	07M	
941890	GREENES	09/16/94	Friday	12:50	200	22.2	2.2	0.047	07M	
941891	GREENES	09/17/94	Saturday	12:50	195	22.3	2.0	0.046	07M	
941892	GREENES	09/18/94	Sunday	12:50	191	22.5	2.1	0.046	07M	
941893	GREENES	09/19/94	Monday	12:50	186	22.3	2.4	0.046	17 07M	
941970	GREENES	09/20/94	Tuesday	11:40	179	21.2	2.2	0.048	07M	
941971	GREENES	09/21/94	Wednesday	11:40	173	21.5	1.9	0.042	07M	
941972	GREENES	09/22/94	Thursday	11:40	168	21.6	1.9	0.041	07M	
941973	GREENES	09/23/94	Friday	11:40	170	21.6	2.1	0.042	07M	
941974	GREENES	09/24/94	Saturday	11:40	175	21.7	2.1	0.042	07M	
941975	GREENES	09/25/94	Sunday	11:40	169	21.6	1.9	0.040	07M	
941976	GREENES	09/26/94	Monday	11:40	163	21.4	2.3	0.041	19 07M	
942005	GREENES	09/27/94	Tuesday	12:05	162	18.6	1.8	0.041	07M	
941992	GREENES	09/28/94	Wednesday	11:55	163	3.5	3.8	0.047	07M	
942006	GREENES	09/28/94	Wednesday	12:05	157	18.9	2.0	0.041	07M	
942007	GREENES	09/29/94	Thursday	12:05	163	19.0	2.2	0.037	07M	
942008	GREENES	09/30/94	Friday	12:05	159	19.1	2.1	0.037	07M	
931750	MANDEVILLEPPO1	10/12/93	Tuesday	10:00			8.2	0.342	07ZM	
931758	MANDEVILLEPPO1	10/12/93	Tuesday	10:00			8.2	0.338	07YM	
931759	MANDEVILLEPPO1	10/13/93	Wednesday	10:00			9.4	0.333	07M	
931760	MANDEVILLEPPO1	10/14/93	Thursday	10:00			10.7	0.360	07M	
931761	MANDEVILLEPPO1	10/15/93	Friday	10:00			11.5	0.405	07M	
931762	MANDEVILLEPPO1	10/16/93	Saturday	10:00			10.3	0.325	07M	
931780	MANDEVILLEPPO1	10/19/93	Tuesday	10:00			8.5	0.347	07M	
931781	MANDEVILLEPPO1	10/20/93	Wednesday	10:00			9.5	0.457	07M	
931782	MANDEVILLEPPO1	10/21/93	Thursday	10:00			8.4	0.359	07M	
931783	MANDEVILLEPPO1	10/22/93	Friday	10:00			9.7	0.462	07M	
931784	MANDEVILLEPPO1	10/23/93	Saturday	10:00			9.3	0.399	07M	
931785	MANDEVILLEPPO1	10/24/93	Sunday	10:00			9.5	0.425	07M	
931786	MANDEVILLEPPO1	10/25/93	Monday	10:00			9.9	0.480	100 07M	
931811	MANDEVILLEPPO1	10/26/93	Tuesday	8:50			7.8	0.373	07M	
931812	MANDEVILLEPPO1	10/27/93	Wednesday	8:50			7.9	0.370	07M	
931813	MANDEVILLEPPO1	10/28/93	Thursday	8:50			8.2	0.458	07M	
931836	MANDEVILLEPPO1	11/02/93	Tuesday	10:00			9.6	0.389	07M	
931837	MANDEVILLEPPO1	11/03/93	Wednesday	10:00			10.7	0.425	07M	
931838	MANDEVILLEPPO1	11/04/93	Thursday	10:00			11.5	0.512	07M	
931839	MANDEVILLEPPO1	11/05/93	Friday	10:00			9.1	0.377	07M	
931840	MANDEVILLEPPO1	11/06/93	Saturday	10:00			9.6	0.407	07M	
931891	MANDEVILLEPPO1	11/09/93	Tuesday	11:00			8.2		07ZM	
931899	MANDEVILLEPPO1	11/09/93	Tuesday	11:00			8.2	0.310	07YM	
931900	MANDEVILLEPPO1	11/10/93	Wednesday	11:00			7.7	0.306	07M	

DNR MWQI Autosampler Data Report

07/27/95

Page 9

Nosuf	Station	Date	Weekday	Time	Field EC	Field Temp.	DOC	UVA	Run TFPC	Type
931901	MANDEVILLEPPO1	11/11/93	Thursday	11:00			11.9	0.418	07M	
931902	MANDEVILLEPPO1	11/12/93	Friday	11:00			15.9	0.578	07M	
931903	MANDEVILLEPPO1	11/13/93	Saturday	11:00			16.6	0.646	07M	
931931	MANDEVILLEPPO1	11/16/93	Tuesday	10:00			20.3	0.817	07M	
931932	MANDEVILLEPPO1	11/17/93	Wednesday	10:00			19.6	0.838	07M	
931933	MANDEVILLEPPO1	11/18/93	Thursday	10:00			15.6	0.694	07M	
931934	MANDEVILLEPPO1	11/19/93	Friday	10:00			21.2	0.915	07M	
931945	MANDEVILLEPPO1	11/23/93	Tuesday	9:00				0.100	07ZM	
931953	MANDEVILLEPPO1	11/23/93	Tuesday	9:00			18.5	0.742	07YM	
931954	MANDEVILLEPPO1	11/24/93	Wednesday	9:00			23.2	1.000	07M	
931955	MANDEVILLEPPO1	11/25/93	Thursday	9:00			29.4	1.260	07M	
931956	MANDEVILLEPPO1	11/26/93	Friday	9:00			28.5	1.230	07M	
931957	MANDEVILLEPPO1	11/27/93	Saturday	9:00			28.0	1.220	07M	
931958	MANDEVILLEPPO1	11/28/93	Sunday	9:00			24.0	1.070	270 07M	
931978	MANDEVILLEPPO1	11/30/93	Tuesday	7:30			26.1	1.120	07M	
931979	MANDEVILLEPPO1	12/01/93	Wednesday	7:30			21.3	0.926	07M	
931980	MANDEVILLEPPO1	12/02/93	Thursday	7:30			31.0	1.360	07M	
931984	MANDEVILLEPPO1	12/06/93	Monday	7:30					310 07M	
932002	MANDEVILLEPPO1	12/07/93	Tuesday	9:00	486	9.3	30.4	1.260	07ZM	
932010	MANDEVILLEPPO1	12/07/93	Tuesday	9:00	486	9.3	30.2	1.300	07YM	
932011	MANDEVILLEPPO1	12/08/93	Wednesday	9:00	518	9.2	33.7	1.450	07M	
932012	MANDEVILLEPPO1	12/09/93	Thursday	9:00	521	9.2	34.8	1.490	07M	
932013	MANDEVILLEPPO1	12/10/93	Friday	9:00	503	9.1	42.1	1.670	410 07M	
932073	MANDEVILLEPPO1	12/14/93	Tuesday	9:00	562	4.0	38.9	1.790	07M	
932074	MANDEVILLEPPO1	12/15/93	Wednesday	9:00	566	3.4	39.6	1.950	07M	
932075	MANDEVILLEPPO1	12/16/93	Thursday	9:00	557	3.4	39.0	1.960	07M	
932076	MANDEVILLEPPO1	12/17/93	Friday	9:00	537	3.3	33.2	1.710	07M	
932077	MANDEVILLEPPO1	12/18/93	Saturday	9:00	526	3.4	34.9	1.760	07M	
932078	MANDEVILLEPPO1	12/19/93	Sunday	9:00	497	3.5	33.3	1.680	07M	
932079	MANDEVILLEPPO1	12/20/93	Monday	9:00	489	3.5	33.6	1.670	410 07M	
932100	MANDEVILLEPPO1	12/21/93	Tuesday	9:00	630	6.2	36.9	1.540	07M	
932101	MANDEVILLEPPO1	12/22/93	Wednesday	9:00	594	5.5	37.7	1.620	07M	
932102	MANDEVILLEPPO1	12/23/93	Thursday	9:00	611	5.4	37.9	1.620	07M	
932103	MANDEVILLEPPO1	12/24/93	Friday	9:00	650	5.3	39.3	1.660	07M	
932104	MANDEVILLEPPO1	12/25/93	Saturday	9:00	675	5.4	39.5	1.700	07M	
932105	MANDEVILLEPPO1	12/26/93	Sunday	9:00	700	5.2	41.0	1.770	07M	
932106	MANDEVILLEPPO1	12/27/93	Monday	9:00	727	5.0	43.0	1.850	120 07M	
940001	MANDEVILLEPPO1	12/28/93	Tuesday	10:00	788	8.0	47.2	1.950	07ZM	
940009	MANDEVILLEPPO1	12/28/93	Tuesday	10:00	788	8.0	47.3	1.960	07YM	
940010	MANDEVILLEPPO1	12/29/93	Wednesday	10:00	980	7.0	59.3	2.420	07M	
940011	MANDEVILLEPPO1	12/30/93	Thursday	10:00	1096	7.0	63.0	2.530	07M	
940012	MANDEVILLEPPO1	12/31/93	Friday	10:00	1082	6.9	64.2	2.670	07M	
940013	MANDEVILLEPPO1	01/01/94	Saturday	10:00	1058	6.9	61.4	2.680	07M	
940014	MANDEVILLEPPO1	01/02/94	Sunday	10:00	1003	7.5	58.5	2.520	07M	
940122	MANDEVILLEPPO1	01/05/94	Wednesday	10:00	508	4.7	42.0	1.850	07M	
940123	MANDEVILLEPPO1	01/06/94	Thursday	10:00	525	4.1	41.6	1.860	07M	
940124	MANDEVILLEPPO1	01/07/94	Friday	10:00	457	4.1	35.8	1.710	07M	
940125	MANDEVILLEPPO1	01/08/94	Saturday	10:00	439	4.1	35.2	1.670	07M	
940126	MANDEVILLEPPO1	01/09/94	Sunday	10:00	399	4.0	32.3	1.570	07M	

DWR MWQI Autosampler Data Report

07/27/95

Page 10

Nosuf	Station	Date	Weekday	Time	Field EC	Field Temp.	DOC	UVA	Run TFPC Type
940127	MANDEVILLEPPO1	01/10/94	Monday	10:00	385	3.8	33.5	1.640	360 07M
940135	MANDEVILLEPPO1	01/11/94	Tuesday	11:00	648	7.0	33.7	1.660	072M
940143	MANDEVILLEPPO1	01/11/94	Tuesday	11:00	648	7.0	34.2	1.650	07YM
940144	MANDEVILLEPPO1	01/12/94	Wednesday	11:00	633	5.9	33.0	1.650	07M
940145	MANDEVILLEPPO1	01/13/94	Thursday	11:00	607	5.8	31.2	1.540	07M
940146	MANDEVILLEPPO1	01/14/94	Friday	11:00	572	6.0	30.3	1.520	07M
940147	MANDEVILLEPPO1	01/15/94	Saturday	11:00	594	5.9	31.0	1.550	07M
940148	MANDEVILLEPPO1	01/16/94	Sunday	11:00	590	5.6	33.1	1.680	360 07M
940175	MANDEVILLEPPO1	01/18/94	Tuesday	9:00	537	8.5	36.0	1.800	07M
940176	MANDEVILLEPPO1	01/19/94	Wednesday	9:00	563	8.1	39.0	1.920	07M
940177	MANDEVILLEPPO1	01/20/94	Thursday	9:00	600	8.2	40.4	1.940	07M
940178	MANDEVILLEPPO1	01/21/94	Friday	9:00	580	8.2	38.6	1.840	07M
940179	MANDEVILLEPPO1	01/22/94	Saturday	9:00	659	8.2	44.2	2.060	07M
940180	MANDEVILLEPPO1	01/23/94	Sunday	9:00	752	8.1	44.9	2.110	07M
940181	MANDEVILLEPPO1	01/24/94	Monday	9:00	826	8.2	47.2	2.170	460 07M
940223	MANDEVILLEPPO1	01/25/94	Tuesday	11:00	966	3.8	52.2	2.340	07M
940224	MANDEVILLEPPO1	01/26/94	Wednesday	11:00	965	3.5	53.1	2.420	07M
940225	MANDEVILLEPPO1	01/27/94	Thursday	11:00	918	3.4	51.4	2.660	07M
940226	MANDEVILLEPPO1	01/28/94	Friday	11:00	784	3.3	43.1	2.000	07M
940227	MANDEVILLEPPO1	01/29/94	Saturday	11:00	886	3.1	45.4	2.120	400 07M
940252	MANDEVILLEPPO1	02/01/94	Tuesday	10:00	865	9.6	36.1	1.740	07M
940253	MANDEVILLEPPO1	02/02/94	Wednesday	10:00	852	9.5	33.3	1.690	07M
940254	MANDEVILLEPPO1	02/03/94	Thursday	10:00	835	9.5	33.0	1.620	07M
940255	MANDEVILLEPPO1	02/04/94	Friday	10:00	829	9.5	33.9	1.670	07M
940256	MANDEVILLEPPO1	02/05/94	Saturday	10:00	836	9.6	35.4	1.770	07M
940257	MANDEVILLEPPO1	02/06/94	Sunday	10:00	792	9.6	32.8	1.660	07M
940258	MANDEVILLEPPO1	02/07/94	Monday	10:00	957	9.6	45.4	2.030	370 07M
940293	MANDEVILLEPPO1	02/08/94	Tuesday	10:00	1194	6.9	51.5	2.310	07M
940294	MANDEVILLEPPO1	02/09/94	Wednesday	10:00	1173	7.6	42.9	2.060	07M
940295	MANDEVILLEPPO1	02/10/94	Thursday	10:00	1042	7.3	41.4	1.840	07M
940296	MANDEVILLEPPO1	02/11/94	Friday	10:00	942	7.4	37.8	1.730	07M
940297	MANDEVILLEPPO1	02/12/94	Saturday	10:00	973	7.5	34.8	1.590	07M
940298	MANDEVILLEPPO1	02/13/94	Sunday	10:00	963	7.3	30.8	1.670	07M
940299	MANDEVILLEPPO1	02/14/94	Monday	10:00	881	7.1	34.6	1.680	410 07M
940333	MANDEVILLEPPO1	02/15/94	Tuesday	10:00	760	7.5	29.1	1.400	07M
940334	MANDEVILLEPPO1	02/16/94	Wednesday	10:00	876	6.8	33.4	1.670	07M
940335	MANDEVILLEPPO1	02/17/94	Thursday	10:00	879	6.8	33.8	1.540	07M
940336	MANDEVILLEPPO1	02/18/94	Friday	10:00	897	6.8	34.0	1.520	07M
940337	MANDEVILLEPPO1	02/19/94	Saturday	10:00	957	6.9	35.6	1.650	07M
940338	MANDEVILLEPPO1	02/20/94	Sunday	10:00	1308	6.8	50.6	2.020	07M
940339	MANDEVILLEPPO1	02/21/94	Monday	10:00	1172	6.7	43.2	1.870	530 07M
940377	MANDEVILLEPPO1	02/22/94	Tuesday	8:00	953	12.0	33.9	1.390	07M
940378	MANDEVILLEPPO1	02/23/94	Wednesday	8:00	961	12.0	35.2	1.550	07M
940379	MANDEVILLEPPO1	02/24/94	Thursday	8:00	967	12.1	34.4	1.580	07M
940380	MANDEVILLEPPO1	02/25/94	Friday	8:00	923	12.4	30.4	1.380	07M
940381	MANDEVILLEPPO1	02/26/94	Saturday	8:00	837	12.4	30.2	1.350	07M
940382	MANDEVILLEPPO1	02/27/94	Sunday	8:00	794	12.4	29.1	1.330	07M
940383	MANDEVILLEPPO1	02/28/94	Monday	8:00	1151	12.2	32.9	1.370	350 07M
940406	MANDEVILLEPPO1	03/01/94	Tuesday	9:00	821	12.7	29.8	1.350	07M

DWR MWQI Autosampler Data Report

07/27/95

Page 11

Nosuf	Station	Date	Weekday	Time	Field EC	Field Temp.	DOC	UVA	Run TFPC Type
940407	MANDEVILLEPPO1	03/02/94	Wednesday	9:00	697	12.7	25.1	1.160	07M
940408	MANDEVILLEPPO1	03/03/94	Thursday	9:00	787	12.7	30.8	1.490	07M
940409	MANDEVILLEPPO1	03/04/94	Friday	9:00	798	12.7	30.0	1.500	07M
940410	MANDEVILLEPPO1	03/05/94	Saturday	9:00	769	12.7	30.4	1.430	07M
940411	MANDEVILLEPPO1	03/06/94	Sunday	9:00	676	12.7	25.9	1.310	07M
940412	MANDEVILLEPPO1	03/07/94	Monday	9:00	863	12.7	28.1	1.290	190 07M
940437	MANDEVILLEPPO1	03/08/94	Tuesday	9:10	627	14.1	23.7	1.170	072M
940445	MANDEVILLEPPO1	03/08/94	Tuesday	9:10	627	14.1	24.0	1.160	07YM
940446	MANDEVILLEPPO1	03/09/94	Wednesday	9:10	708	14.1	26.7	1.280	07M
940447	MANDEVILLEPPO1	03/10/94	Thursday	9:10	664	14.1	24.9	1.290	07M
940448	MANDEVILLEPPO1	03/11/94	Friday	9:10	668	14.1	26.6	1.290	07M
940449	MANDEVILLEPPO1	03/12/94	Saturday	9:10	698	14.1	26.3	1.220	07M
940450	MANDEVILLEPPO1	03/13/94	Sunday	9:10	640	14.1	26.0	1.220	07M
940451	MANDEVILLEPPO1	03/14/94	Monday	9:10	648	14.1	26.5	1.110	250 07M
940474	MANDEVILLEPPO1	03/15/94	Tuesday	10:00	631	10.9	25.2	1.270	07M
940475	MANDEVILLEPPO1	03/16/94	Wednesday	10:00	603	11.0	23.5	1.170	07M
940476	MANDEVILLEPPO1	03/17/94	Thursday	10:00	670	11.2	26.3	1.340	07M
940477	MANDEVILLEPPO1	03/18/94	Friday	10:00	604	11.6	22.2	1.110	07M
940478	MANDEVILLEPPO1	03/19/94	Saturday	10:00	623	11.8	23.0	1.070	07M
940479	MANDEVILLEPPO1	03/20/94	Sunday	10:00	731	11.5	26.2	1.130	07M
940480	MANDEVILLEPPO1	03/21/94	Monday	10:00	615	11.1	24.0	1.060	220 07M
940514	MANDEVILLEPPO1	03/22/94	Tuesday	10:00	532	14.0	18.1	0.838	07M
940515	MANDEVILLEPPO1	03/23/94	Wednesday	10:00	528	14.2	18.0	0.938	07M
940516	MANDEVILLEPPO1	03/24/94	Thursday	10:00	544	14.2	19.2	0.992	07M
940517	MANDEVILLEPPO1	03/25/94	Friday	10:00	540	14.2	17.8	0.914	07M
940518	MANDEVILLEPPO1	03/26/94	Saturday	10:00	508	14.0	16.4	0.774	07M
940519	MANDEVILLEPPO1	03/27/94	Sunday	10:00	509	13.9	16.6	0.837	07M
940520	MANDEVILLEPPO1	03/28/94	Monday	10:00	501	14.1	16.1		200 07M
940548	MANDEVILLEPPO1	03/29/94	Tuesday	9:00	538	15.3	21.6	1.070	07M
940549	MANDEVILLEPPO1	03/30/94	Wednesday	9:00	519	15.2	22.3	1.110	07M
940550	MANDEVILLEPPO1	03/31/94	Thursday	9:00	509	15.6	23.8	1.220	07M
940551	MANDEVILLEPPO1	04/01/94	Friday	9:00	506	15.5	23.9	1.210	07M
940552	MANDEVILLEPPO1	04/02/94	Saturday	9:00	503	15.6	24.8	1.260	07M
940553	MANDEVILLEPPO1	04/03/94	Sunday	9:00	512	15.2	25.5	1.180	07M
940554	MANDEVILLEPPO1	04/04/94	Monday	9:00	532	14.6	27.2	1.440	360 07M
940577	MANDEVILLEPPO1	04/05/94	Tuesday	9:00	493	15.1	21.9	1.050	07M
940578	MANDEVILLEPPO1	04/06/94	Wednesday	9:00	495	14.6	21.9	1.180	07M
940579	MANDEVILLEPPO1	04/07/94	Thursday	9:00	502	14.7	22.2	1.220	07M
940580	MANDEVILLEPPO1	04/08/94	Friday	9:00	516	14.7	24.1	1.310	07M
940581	MANDEVILLEPPO1	04/09/94	Saturday	9:00	514	14.7	24.8	1.340	07M
940582	MANDEVILLEPPO1	04/10/94	Sunday	9:00	517	14.6	23.8	1.310	07M
940583	MANDEVILLEPPO1	04/11/94	Monday	9:00	522	14.5	25.1	1.300	200 07M
940687	MANDEVILLEPPO1	04/12/94	Tuesday	8:00	526	15.9	23.7	1.170	07M
940688	MANDEVILLEPPO1	04/13/94	Wednesday	8:00	510	16.4	21.4	1.140	07M
940689	MANDEVILLEPPO1	04/14/94	Thursday	8:00	514	16.5	21.1	1.090	07M
940690	MANDEVILLEPPO1	04/15/94	Friday	8:00	527	16.7	21.5	1.080	07M
940691	MANDEVILLEPPO1	04/16/94	Saturday	8:00	527	16.7	22.1	1.070	07M
940692	MANDEVILLEPPO1	04/17/94	Sunday	8:00	508	16.7	16.3	0.816	07M
940693	MANDEVILLEPPO1	04/18/94	Monday	8:00	466	16.4	16.7	0.765	170 07M

DWR MNQI Autosampler Data Report

07/27/95

Page 12

Nosuf	Station	Date	Weekday	Time	Field EC	Field Temp.	DOC	UVA	Run TFPC	Type
940716	MANDEVILLEPPO1	04/19/94	Tuesday	8:00	482	12.7	16.2	0.760		07M
940717	MANDEVILLEPPO1	04/20/94	Wednesday	8:00	545	12.0	21.8	1.320		07M
940718	MANDEVILLEPPO1	04/21/94	Thursday	8:00	533	11.6	18.0	0.857		07M
940719	MANDEVILLEPPO1	04/22/94	Friday	8:00	495	11.5	17.7	0.814		07M
940720	MANDEVILLEPPO1	04/23/94	Saturday	8:00	452	11.6	18.2	0.886		07M
940721	MANDEVILLEPPO1	04/24/94	Sunday	8:00	538	11.6	27.3	1.350		07M
940722	MANDEVILLEPPO1	04/25/94	Monday	8:00	535	11.6	24.7	1.200	250	07M
940753	MANDEVILLEPPO1	04/26/94	Tuesday	10:00	530	18.0	25.2	1.350		07M
940754	MANDEVILLEPPO1	04/27/94	Wednesday	10:00	500	17.7	23.3	1.250		07M
940755	MANDEVILLEPPO1	04/28/94	Thursday	10:00	507	17.8	20.5	1.040		07M
940756	MANDEVILLEPPO1	04/29/94	Friday	10:00	491	18.2	19.8	1.000		07M
940757	MANDEVILLEPPO1	04/30/94	Saturday	10:00	484	18.1	18.5	0.868		07M
940758	MANDEVILLEPPO1	05/01/94	Sunday	10:00	488	18.4	17.9	0.890		07M
940759	MANDEVILLEPPO1	05/02/94	Monday	10:00	524	19.3	18.3	0.818	180	07M
940793	MANDEVILLEPPO1	05/03/94	Tuesday	12:00	547	17.7	18.6	0.857		07M
940794	MANDEVILLEPPO1	05/04/94	Wednesday	12:00	537	18.0	17.8	0.842		07M
940795	MANDEVILLEPPO1	05/05/94	Thursday	12:00	520	18.2	17.1	0.819		07M
940796	MANDEVILLEPPO1	05/06/94	Friday	12:00	535	18.3	16.8	0.803		07M
940797	MANDEVILLEPPO1	05/07/94	Saturday	12:00	494	18.4	16.3	0.739		07M
940798	MANDEVILLEPPO1	05/08/94	Sunday	12:00	506	18.5	19.2	0.871		07M
940799	MANDEVILLEPPO1	05/09/94	Monday	12:00	514	18.6	22.3	1.060	240	07M
940833	MANDEVILLEPPO1	05/10/94	Tuesday	10:00	508	14.7	22.1	1.100		07M
940834	MANDEVILLEPPO1	05/11/94	Wednesday	10:00	545	14.5	20.6	0.997		07M
940835	MANDEVILLEPPO1	05/12/94	Thursday	10:00	538	14.6	19.6	0.911		07M
940836	MANDEVILLEPPO1	05/13/94	Friday	10:00	579	14.8	19.3	0.851		07M
940837	MANDEVILLEPPO1	05/14/94	Saturday	10:00	602	14.8		0.720		07M
940838	MANDEVILLEPPO1	05/15/94	Sunday	10:00	584	14.8		0.753		07M
940839	MANDEVILLEPPO1	05/16/94	Monday	10:00	488	14.9		0.809	170	07M
940865	MANDEVILLEPPO1	05/17/94	Tuesday	11:00	484	19.8	15.0	0.731		07ZM
940873	MANDEVILLEPPO1	05/17/94	Tuesday	11:00	484	19.8	15.1	0.700		07YM
940874	MANDEVILLEPPO1	05/18/94	Wednesday	11:00	478	19.5	17.0	0.823		07M
940875	MANDEVILLEPPO1	05/19/94	Thursday	11:00	607	19.5	17.1	0.721		07M
940876	MANDEVILLEPPO1	05/20/94	Friday	11:00	639	19.5	16.6	0.681		07M
940877	MANDEVILLEPPO1	05/21/94	Saturday	11:00	619	19.5	18.4	0.709		07M
940878	MANDEVILLEPPO1	05/22/94	Sunday	11:00	616	19.5	18.7	0.726		07M
940879	MANDEVILLEPPO1	05/23/94	Monday	11:00	568	19.6	19.4	0.803	220	07M
940902	MANDEVILLEPPO1	05/24/94	Tuesday	11:00	485	20.6	26.1	1.280		07M
940903	MANDEVILLEPPO1	05/25/94	Wednesday	11:00	503	20.8	18.0	1.030		07M
940904	MANDEVILLEPPO1	05/26/94	Thursday	11:00	525	20.8	19.8	0.921		07M
940905	MANDEVILLEPPO1	05/27/94	Friday	11:00	544	21.2	18.1	0.835		07M
940906	MANDEVILLEPPO1	05/28/94	Saturday	11:00	515	21.3	19.0	0.821		07M
940907	MANDEVILLEPPO1	05/29/94	Sunday	11:00	495	21.2	18.1	0.760		07M
940908	MANDEVILLEPPO1	05/30/94	Monday	11:00	485	21.2	16.6	0.724	180	07M
940992	MANDEVILLEPPO1	05/31/94	Tuesday	10:00	472	16.9	15.2	0.713		07ZM
941000	MANDEVILLEPPO1	05/31/94	Tuesday	10:00	472	16.9	14.9	0.690		07YM
941001	MANDEVILLEPPO1	06/01/94	Wednesday	10:00	482	16.9	14.5	0.673		07M
941002	MANDEVILLEPPO1	06/02/94	Thursday	10:00	492	17.0	16.1	0.711		07M
941003	MANDEVILLEPPO1	06/03/94	Friday	10:00	484	17.1	16.1	0.634		07M
941004	MANDEVILLEPPO1	06/04/94	Saturday	10:00	470	17.1	15.7	0.712		07M

DNR MWQI Autosampler Data Report

07/27/95

Page 13

Nosuf	Station	Date	Weekday	Time	Field	Field	DOC	UVA	Run	TFPC Type
					EC	Temp.				
941005	MANDEVILLEPPO1	06/05/94	Sunday	10:00	459	17.1	16.3	0.741		07M
941006	MANDEVILLEPPO1	06/06/94	Monday	10:00	482	17.1	20.6	1.010	210	07M
941040	MANDEVILLEPPO1	06/07/94	Tuesday	10:03	422	19.2	18.6	0.975		07M
941041	MANDEVILLEPPO1	06/08/94	Wednesday	10:03	412	19.3	20.2	1.060		07M
941042	MANDEVILLEPPO1	06/09/94	Thursday	10:03	418	19.4	19.1	1.040		07M
941043	MANDEVILLEPPO1	06/10/94	Friday	10:03	436	19.4	20.0	1.060		07M
941044	MANDEVILLEPPO1	06/11/94	Saturday	10:03	458	19.5	20.0	1.020		07M
941045	MANDEVILLEPPO1	06/12/94	Sunday	10:03	458	19.5	20.2	1.020		07M
941046	MANDEVILLEPPO1	06/13/94	Monday	10:03	460	19.3	17.6	0.877	200	07M
941140	MANDEVILLEPPO1	06/14/94	Tuesday	10:00	429	18.5	15.7	0.844		07M
941141	MANDEVILLEPPO1	06/15/94	Wednesday	10:00	430	18.6	13.8	0.772		07M
941142	MANDEVILLEPPO1	06/16/94	Thursday	10:00	412	18.9	12.2	0.673		07M
941143	MANDEVILLEPPO1	06/17/94	Friday	10:00	431	19.1	11.5	0.566		07M
941144	MANDEVILLEPPO1	06/18/94	Saturday	10:00	430	19.1	11.7	0.568		07M
941145	MANDEVILLEPPO1	06/19/94	Sunday	10:00	420	19.1	11.4	0.564		07M
941146	MANDEVILLEPPO1	06/20/94	Monday	10:00	418	18.8	11.4	0.540	120	07M
941212	MANDEVILLEPPO1	06/21/94	Tuesday	10:00	425	22.8	10.2	0.487		07M
941213	MANDEVILLEPPO1	06/22/94	Wednesday	10:00	426	22.9	10.0	0.503		07M
941214	MANDEVILLEPPO1	06/23/94	Thursday	10:00	424	23.2	9.7	0.487		07M
941215	MANDEVILLEPPO1	06/24/94	Friday	10:00	432	23.4	10.0	0.502		07M
941216	MANDEVILLEPPO1	06/25/94	Saturday	10:00	433	23.7	9.6	0.469		07M
941217	MANDEVILLEPPO1	06/26/94	Sunday	10:00	438	23.6	10.2	0.485		07M
941218	MANDEVILLEPPO1	06/27/94	Monday	10:00	439	23.4	11.2	0.484	120	07M
941258	MANDEVILLEPPO1	06/28/94	Tuesday	10:00	452	21.3	11.7	0.593		07M
941259	MANDEVILLEPPO1	06/29/94	Wednesday	10:00	464	21.2	12.3	0.635		07M
941260	MANDEVILLEPPO1	06/30/94	Thursday	10:00	451	21.3	10.8	0.564		07M
941261	MANDEVILLEPPO1	07/01/94	Friday	10:00	457	21.3	11.6	0.641		07M
941262	MANDEVILLEPPO1	07/02/94	Saturday	10:00	435	21.3	11.0	0.576		07M
941263	MANDEVILLEPPO1	07/03/94	Sunday	10:00	425	21.3	10.2	0.540		07M
941264	MANDEVILLEPPO1	07/04/94	Monday	10:00	430	21.2	10.6	0.584	130	07M
941286	MANDEVILLEPPO1	07/05/94	Tuesday	10:00	425	20.8	9.7	0.546		07ZM
941294	MANDEVILLEPPO1	07/05/94	Tuesday	10:00	425	20.8	9.7	0.517		07YM
941295	MANDEVILLEPPO1	07/06/94	Wednesday	10:00	448	21.1	11.3	0.620		07M
941296	MANDEVILLEPPO1	07/07/94	Thursday	10:00	438	21.3	12.1	0.663		07M
941297	MANDEVILLEPPO1	07/08/94	Friday	10:00	440	21.6	11.2	0.574		07M
941298	MANDEVILLEPPO1	07/09/94	Saturday	10:00	440	21.1	10.0	0.489		07M
941299	MANDEVILLEPPO1	07/10/94	Sunday	10:00	443	21.8	10.5	0.535		07M
941300	MANDEVILLEPPO1	07/11/94	Monday	10:00	442	21.7	10.0	0.465	130	07M
941412	MANDEVILLEPPO1	07/12/94	Tuesday	9:00	459	19.7	9.9	0.461		07M
941413	MANDEVILLEPPO1	07/13/94	Wednesday	9:00	512	19.7	14.9	0.707		07M
941414	MANDEVILLEPPO1	07/14/94	Thursday	9:00	490	19.9	15.1	0.722		07M
941415	MANDEVILLEPPO1	07/15/94	Friday	9:00	450	19.9	14.6	0.675		07M
941416	MANDEVILLEPPO1	07/16/94	Saturday	9:00	442	20.0	13.9	0.747		07M
941417	MANDEVILLEPPO1	07/17/94	Sunday	9:00	442	19.9	14.4	0.780		07M
941418	MANDEVILLEPPO1	07/18/94	Monday	9:00	420	20.0	14.0	0.773	160	07M
941616	MANDEVILLEPPO1	08/02/94	Tuesday	8:00	518	19.6	12.0	0.507		07M
941617	MANDEVILLEPPO1	08/03/94	Wednesday	8:00	599	19.8	15.3	0.641		07M
941618	MANDEVILLEPPO1	08/04/94	Thursday	8:00	534	20.3	11.6	0.499		07M
941619	MANDEVILLEPPO1	08/05/94	Friday	8:00	544	20.6	11.5	0.497		07M

DWR MWQI Autosampler Data Report

07/27/95

Page 14

Nosuf	Station	Date	Weekday	Time	Field		DOC	UVA	TFPC	Run
					EC	Temp.				Type
941620	MANDEVILLEPPO1	08/06/94	Saturday	8:00	490	20.7	9.9	0.439		07M
941621	MANDEVILLEPPO1	08/07/94	Sunday	8:00	498	20.3	11.0	0.496	140	07M
931753	MIDDLER	10/14/93	Thursday	9:00			2.7	0.080		07M
931754	MIDDLER	10/15/93	Friday	9:00			3.4	0.083		07M
931755	MIDDLER	10/16/93	Saturday	9:00			3.2	0.084		07M
931756	MIDDLER	10/17/93	Sunday	9:00			3.3	0.084		07M
931757	MIDDLER	10/18/93	Monday	9:00			3.6	0.086	37	07M
931772	MIDDLER	10/19/93	Tuesday	11:00			2.5	0.090		07ZM
931773	MIDDLER	10/19/93	Tuesday	11:00			2.5	0.083		07YM
931774	MIDDLER	10/20/93	Wednesday	11:00			2.9	0.089		07M
931775	MIDDLER	10/21/93	Thursday	11:00			3.1	0.086		07M
931776	MIDDLER	10/22/93	Friday	11:00			3.0	0.088		07M
931777	MIDDLER	10/23/93	Saturday	11:00			3.4	0.084		07M
931778	MIDDLER	10/24/93	Sunday	11:00			3.2	0.085		07M
931779	MIDDLER	10/25/93	Monday	11:00			3.7	0.087	36	07M
931804	MIDDLER	10/26/93	Tuesday	10:00			2.7	0.071		07M
931805	MIDDLER	10/27/93	Wednesday	10:00			3.2	0.082		07M
931806	MIDDLER	10/28/93	Thursday	10:00			3.1	0.087		07M
931807	MIDDLER	10/29/93	Friday	10:00			3.1	0.084		07M
931808	MIDDLER	10/30/93	Saturday	10:00			3.1	0.072		07M
931809	MIDDLER	10/31/93	Sunday	10:00			3.0	0.071		07M
931810	MIDDLER	11/01/93	Monday	10:00			3.4	0.074	37	07M
931829	MIDDLER	11/02/93	Tuesday	10:00			2.8	0.086		07M
931830	MIDDLER	11/03/93	Wednesday	10:00			2.9	0.087		07M
931831	MIDDLER	11/04/93	Thursday	10:00			2.8	0.090		07M
931832	MIDDLER	11/05/93	Friday	10:00			2.6	0.091		07M
931833	MIDDLER	11/06/93	Saturday	10:00			2.6	0.094		07M
931834	MIDDLER	11/07/93	Sunday	10:00			2.7	0.097		07M
931835	MIDDLER	11/08/93	Monday	10:00			3.1	0.100	36	07M
931892	MIDDLER	11/09/93	Tuesday	12:00			2.9	0.102		07M
931893	MIDDLER	11/10/93	Wednesday	12:00			3.1	0.103		07M
931894	MIDDLER	11/11/93	Thursday	12:00			3.1	0.101		07M
931895	MIDDLER	11/12/93	Friday	12:00			3.7	0.112		07M
931896	MIDDLER	11/13/93	Saturday	12:00			3.3	0.111		07M
931897	MIDDLER	11/14/93	Sunday	12:00			3.4	0.109		07M
931898	MIDDLER	11/15/93	Monday	12:00			3.2	0.107	41	07M
931924	MIDDLER	11/16/93	Tuesday	11:00			2.9	0.101		07M
931925	MIDDLER	11/17/93	Wednesday	11:00			2.9	0.105		07M
931926	MIDDLER	11/18/93	Thursday	11:00			3.0	0.104		07M
931927	MIDDLER	11/19/93	Friday	11:00			3.0	0.103		07M
931928	MIDDLER	11/20/93	Saturday	11:00			3.0	0.101		07M
931929	MIDDLER	11/21/93	Sunday	11:00			3.0	0.108		07M
931930	MIDDLER	11/22/93	Monday	11:00			3.2	0.105	38	07M
931946	MIDDLER	11/23/93	Tuesday	10:00			3.3	0.098		07M
931947	MIDDLER	11/24/93	Wednesday	10:00			3.2	0.099		07M
931948	MIDDLER	11/25/93	Thursday	10:00			3.2	0.100		07M
931949	MIDDLER	11/26/93	Friday	10:00			3.2	0.099		07M
931950	MIDDLER	11/27/93	Saturday	10:00			3.2	0.099		07M

DWR MWQI Autosampler Data Report

07/27/95

Page 15

Nosuf	Station	Date	Weekday	Time	Field EC	Field Temp.	DOC	UVA	Run TFPC Type
931951	MIDDLER	11/28/93	Sunday	10:00			3.2	0.101	07M
931952	MIDDLER	11/29/93	Monday	10:00			3.3	0.100	39 07M
931971	MIDDLER	11/30/93	Tuesday	10:00			3.2	0.088	07M
931972	MIDDLER	12/01/93	Wednesday	10:00			3.1	0.094	07M
931973	MIDDLER	12/02/93	Thursday	10:00			3.2	0.093	07M
931974	MIDDLER	12/03/93	Friday	10:00			3.3	0.092	07M
931975	MIDDLER	12/04/93	Saturday	10:00			3.5	0.101	07M
931976	MIDDLER	12/05/93	Sunday	10:00			3.6	0.101	07M
931977	MIDDLER	12/06/93	Monday	10:00			4.1	0.104	07M
932003	MIDDLER	12/07/93	Tuesday	10:00	380	9.1	3.5	0.091	07M
932004	MIDDLER	12/08/93	Wednesday	10:00	369	9.0	3.1	0.094	07M
932005	MIDDLER	12/09/93	Thursday	10:00	352	9.1	3.1	0.095	07M
932006	MIDDLER	12/10/93	Friday	10:00	337	9.1	3.1	0.094	07M
932007	MIDDLER	12/11/93	Saturday	10:00	316	9.1	3.2	0.103	07M
932008	MIDDLER	12/12/93	Sunday	10:00	318	9.1	3.3	0.106	07M
932009	MIDDLER	12/13/93	Monday	10:00	323	9.1	3.4	0.124	41 07M
932066	MIDDLER	12/14/93	Tuesday	10:00	340	3.6	3.5	0.121	07M
932067	MIDDLER	12/15/93	Wednesday	10:00	352	3.5	3.5	0.127	07M
932068	MIDDLER	12/16/93	Thursday	10:00	362	3.6	3.6	0.131	07M
932069	MIDDLER	12/17/93	Friday	10:00	355	3.5	3.5	0.127	07M
932070	MIDDLER	12/18/93	Saturday	10:00	343	3.6	3.6	0.132	07M
932071	MIDDLER	12/19/93	Sunday	10:00	339	3.6	3.8	0.140	07M
932072	MIDDLER	12/20/93	Monday	10:00	337	3.7	4.0	0.147	51 07M
940002	MIDDLER	12/28/93	Tuesday	10:00	281	7.6	6.0	0.176	07M
940003	MIDDLER	12/29/93	Wednesday	10:00	282	7.2	6.0	0.191	07M
940004	MIDDLER	12/30/93	Thursday	10:00	286	7.2	5.8	0.199	07M
940005	MIDDLER	12/31/93	Friday	10:00	293	7.1	5.6	0.199	07M
940006	MIDDLER	01/01/94	Saturday	10:00	295	7.1	6.3	0.204	07M
940007	MIDDLER	01/02/94	Sunday	10:00	296	7.0	5.7	0.201	07M
940008	MIDDLER	01/03/94	Monday	10:00	304	7.1	6.1	0.210	68 07M
940114	MIDDLER	01/04/94	Tuesday	10:00	319	5.7	6.3	0.218	07M
940115	MIDDLER	01/05/94	Wednesday	10:00	319	5.3	6.0	0.214	07M
940116	MIDDLER	01/06/94	Thursday	10:00	320	5.2	6.1	0.212	07M
940117	MIDDLER	01/07/94	Friday	10:00	326	5.2	6.6	0.214	07M
940118	MIDDLER	01/08/94	Saturday	10:00	327	5.2	6.5	0.214	07M
940119	MIDDLER	01/09/94	Sunday	10:00	330	5.2	6.9	0.226	07M
940120	MIDDLER	01/10/94	Monday	10:00	344	5.0	7.6	0.251	79 07M
940136	MIDDLER	01/11/94	Tuesday	12:00	360	7.6	7.5	0.248	07M
940137	MIDDLER	01/12/94	Wednesday	12:00	348	6.6	7.1	0.242	07M
940138	MIDDLER	01/13/94	Thursday	12:00	388	6.6	6.2	0.212	07M
940139	MIDDLER	01/14/94	Friday	12:00	389	6.5	7.1	0.244	07M
940140	MIDDLER	01/15/94	Saturday	12:00	390	6.5	6.6	0.225	07M
940141	MIDDLER	01/16/94	Sunday	12:00	349	6.4	6.2	0.198	07M
940142	MIDDLER	01/17/94	Monday	12:00	378	6.4	6.4	0.195	64 07M
940167	MIDDLER	01/18/94	Tuesday	10:00	357	8.7	5.5	0.194	07ZM
940168	MIDDLER	01/18/94	Tuesday	10:00	357	8.7	5.5	0.195	07YM
940169	MIDDLER	01/19/94	Wednesday	10:00	365	8.4	5.4	0.198	07M
940170	MIDDLER	01/20/94	Thursday	10:00	371	8.4	5.4	0.198	07M
940171	MIDDLER	01/21/94	Friday	10:00	373	8.4	5.5	0.201	07M

DWR MWQI Autosampler Data Report

07/27/95

Page 16

Nosuf	Station	Date	Weekday	Time	Field	Field	DOC	UVA	Run
					EC	Temp.			TFPC
940172	MIDDLER	01/22/94	Saturday	10:00	376	8.5	5.5	0.202	07M
940173	MIDDLER	01/23/94	Sunday	10:00	374	8.3	5.5	0.202	07M
940174	MIDDLER	01/24/94	Monday	10:00	407	8.3	6.0	0.207	71 07M
940216	MIDDLER	01/25/94	Tuesday	12:00	385	4.0	5.5	0.201	07M
940217	MIDDLER	01/26/94	Wednesday	12:00	384	3.7	5.9	0.204	07M
940218	MIDDLER	01/27/94	Thursday	12:00	412	3.6	6.2	0.204	07M
940219	MIDDLER	01/28/94	Friday	12:00	438	3.6	5.9	0.208	07M
940220	MIDDLER	01/29/94	Saturday	12:00	405	3.6	6.2	0.211	07M
940221	MIDDLER	01/30/94	Sunday	12:00	412	3.7	6.7	0.206	07M
940222	MIDDLER	01/31/94	Monday	12:00	420	3.4	6.4	0.205	75 07M
940245	MIDDLER	02/01/94	Tuesday	11:00	422	9.9	5.8	0.193	07M
940246	MIDDLER	02/02/94	Wednesday	11:00	421	9.9	5.9	0.211	07M
940247	MIDDLER	02/03/94	Thursday	11:00	425	9.9	6.1	0.215	07M
940248	MIDDLER	02/04/94	Friday	11:00	423	9.8	6.2	0.216	07M
940249	MIDDLER	02/05/94	Saturday	11:00	418	9.8	6.7	0.216	07M
940250	MIDDLER	02/06/94	Sunday	11:00	419	9.8	6.7	0.215	07M
940251	MIDDLER	02/07/94	Monday	11:00	411	9.8	6.3	0.219	61 07M
940286	MIDDLER	02/08/94	Tuesday	11:00	400	4.6	5.7	0.219	07M
940287	MIDDLER	02/09/94	Wednesday	11:00	444	7.3	6.3	0.219	07M
940288	MIDDLER	02/10/94	Thursday	11:00	458	7.2	6.4	0.236	07M
940289	MIDDLER	02/11/94	Friday	11:00	442	7.2	6.1	0.239	07M
940290	MIDDLER	02/12/94	Saturday	11:00	438	7.2	6.5	0.244	07M
940291	MIDDLER	02/13/94	Sunday	11:00	439	7.1	7.8	0.246	90 07M
940325	MIDDLER	02/15/94	Tuesday	11:00	451	7.5	7.8	0.241	07M
940326	MIDDLER	02/15/94	Tuesday	11:00	451	7.5	7.7	0.242	07M
940327	MIDDLER	02/16/94	Wednesday	11:00	464	7.5	7.4	0.244	07M
940328	MIDDLER	02/17/94	Thursday	11:00	457	7.5	7.7	0.243	07M
940329	MIDDLER	02/18/94	Friday	11:00	457	7.5	7.4	0.248	07M
940330	MIDDLER	02/19/94	Saturday	11:00	447	7.5	7.6	0.253	07M
940331	MIDDLER	02/20/94	Sunday	11:00	450	7.5	7.7	0.253	07M
940332	MIDDLER	02/21/94	Monday	11:00	455	7.5	8.0	0.252	83 07M
940370	MIDDLER	02/22/94	Tuesday	9:00	496	12.5	7.3	0.243	07M
940371	MIDDLER	02/23/94	Wednesday	9:00	531	12.5	7.3	0.252	07M
940372	MIDDLER	02/24/94	Thursday	9:00	527	12.4	7.8	0.256	07M
940373	MIDDLER	02/25/94	Friday	9:00	515	12.4	7.8	0.256	07M
940374	MIDDLER	02/26/94	Saturday	9:00	509	12.5	8.0	0.257	07M
940375	MIDDLER	02/27/94	Sunday	9:00	502	12.3	8.2	0.257	07M
940376	MIDDLER	02/28/94	Monday	9:00	500	12.0	7.4	0.257	94 07M
940399	MIDDLER	03/01/94	Tuesday	10:00	505	12.7	7.4	0.243	07M
940400	MIDDLER	03/02/94	Wednesday	10:00	496	12.9	7.7	0.248	07M
940401	MIDDLER	03/03/94	Thursday	10:00	498	13.0	8.0	0.249	07M
940402	MIDDLER	03/04/94	Friday	10:00	490	12.9	7.8	0.250	07M
940403	MIDDLER	03/05/94	Saturday	10:00	485	12.9	8.1	0.249	07M
940404	MIDDLER	03/06/94	Sunday	10:00	494	12.7	7.9	0.248	07M
940405	MIDDLER	03/07/94	Monday	10:00	510	12.5	8.9	0.249	80 07M
940438	MIDDLER	03/08/94	Tuesday	9:50	627	15.2	6.7	0.233	07M
940439	MIDDLER	03/09/94	Wednesday	9:50	536	15.2	6.8	0.237	07M
940440	MIDDLER	03/10/94	Thursday	9:50	508	15.2	6.8	0.234	07M
940441	MIDDLER	03/11/94	Friday	9:50	492	15.2	6.9	0.234	07M

DNR MHQI Autosampler Data Report

07/27/95

Page 17

Nosuf	Station	Date	Weekday	Time	Field	Field	DOC	UVA	Run
					EC	Temp.			TFPC
940442	MIDDLER	03/12/94	Saturday	9:50	499	15.2	7.0	0.231	07M
940443	MIDDLER	03/13/94	Sunday	9:50	462	15.2	7.1	0.230	07M
940444	MIDDLER	03/14/94	Monday	9:50	464	15.2	7.7	0.226	75 07M
940466	MIDDLER	03/15/94	Tuesday	11:00	460	11.5	6.5	0.222	07ZM
940467	MIDDLER	03/15/94	Tuesday	11:00	460	11.5	6.4	0.220	07YM
940468	MIDDLER	03/16/94	Wednesday	11:00	462	11.5	6.2	0.220	07M
940469	MIDDLER	03/17/94	Thursday	11:00	462	11.5	6.3	0.220	07M
940470	MIDDLER	03/18/94	Friday	11:00	463	11.6	6.3	0.218	07M
940471	MIDDLER	03/19/94	Saturday	11:00	465	11.5	6.3	0.218	07M
940472	MIDDLER	03/20/94	Sunday	11:00	461	11.5	6.2	0.216	07M
940473	MIDDLER	03/21/94	Monday	11:00	461	11.3	7.7	0.212	70 07M
940507	MIDDLER	03/22/94	Tuesday	11:00	451	14.7	6.0	0.199	07M
940508	MIDDLER	03/23/94	Wednesday	11:00	453	14.4	6.0	0.203	07M
940509	MIDDLER	03/24/94	Thursday	11:00	480	14.6	5.9	0.205	07M
940510	MIDDLER	03/25/94	Friday	11:00	489	14.4	5.9	0.203	07M
940511	MIDDLER	03/26/94	Saturday	11:00	479	14.6	5.8	0.199	07M
940512	MIDDLER	03/27/94	Sunday	11:00	478	14.3	5.8	0.196	07M
940513	MIDDLER	03/28/94	Monday	11:00	482	14.4	5.8	0.193	91 07M
940541	MIDDLER	03/29/94	Tuesday	10:00	480	15.0	5.8	0.176	07M
940542	MIDDLER	03/30/94	Wednesday	10:00	476	15.1	5.7	0.171	07M
940543	MIDDLER	03/31/94	Thursday	10:00	478	15.1	5.8	0.171	07M
940544	MIDDLER	04/01/94	Friday	10:00	471	15.2	5.9	0.172	07M
940545	MIDDLER	04/02/94	Saturday	10:00	473	15.0	6.3	0.175	07M
940546	MIDDLER	04/03/94	Sunday	10:00	472	15.0	7.9	0.175	07M
940547	MIDDLER	04/04/94	Monday	10:00	473	14.6	8.4	0.177	92 07M
940569	MIDDLER	04/05/94	Tuesday	9:00	479	15.8	5.5	0.175	07ZM
940570	MIDDLER	04/05/94	Tuesday	10:00	478	15.9	5.4	0.171	07YM
940571	MIDDLER	04/06/94	Wednesday	10:00	481	15.9	5.5	0.177	07M
940572	MIDDLER	04/07/94	Thursday	10:00	472	15.8	5.4	0.178	07M
940573	MIDDLER	04/08/94	Friday	10:00	468	15.9	5.3	0.176	07M
940574	MIDDLER	04/09/94	Saturday	10:00	464	15.8	5.3	0.176	07M
940575	MIDDLER	04/10/94	Sunday	10:00	467	15.8	5.4	0.176	07M
940576	MIDDLER	04/11/94	Monday	10:00	456	15.6	5.3	0.170	48 07M
940680	MIDDLER	04/12/94	Tuesday	10:00	455	16.9	5.0	0.156	07M
940681	MIDDLER	04/13/94	Wednesday	10:00	453	17.2	4.9	0.158	07M
940682	MIDDLER	04/14/94	Thursday	10:00	469	17.2	5.1	0.162	07M
940683	MIDDLER	04/15/94	Friday	10:00	467	17.3	5.0	0.164	07M
940684	MIDDLER	04/16/94	Saturday	10:00	447	17.2	4.9	0.157	07M
940685	MIDDLER	04/17/94	Sunday	10:00	449	17.2	4.9	0.157	07M
940679	MIDDLER	04/18/94	Monday	10:00	451	16.9	5.0	0.159	07ZM
940686	MIDDLER	04/18/94	Monday	10:00	451	16.9	5.0	0.160	53 07YM
940709	MIDDLER	04/19/94	Tuesday	9:00	474	12.4	5.1	0.161	07M
940710	MIDDLER	04/20/94	Wednesday	9:00	477	12.3	5.0	0.163	07M
940711	MIDDLER	04/21/94	Thursday	9:00	488	12.1	5.1	0.164	07M
940712	MIDDLER	04/22/94	Friday	9:00	480	12.0	5.2	0.167	07M
940713	MIDDLER	04/23/94	Saturday	9:00	467	12.0	5.1	0.167	07M
940714	MIDDLER	04/24/94	Sunday	9:00	464	11.9	5.0	0.162	07M
940715	MIDDLER	04/25/94	Monday	9:00	458	12.2	5.0	0.155	61 07M
940746	MIDDLER	04/26/94	Tuesday	11:00	451	16.9	4.6	0.146	07M

DWR MHQI Autosampler Data Report

07/27/95

Page 18

Nosuf	Station	Date	Weekday	Time	Field		DOC	UVA	Run
					EC	Temp.			TFPC Type
940747	MIDDLER	04/27/94	Wednesday	11:00	456	16.3	5.2	0.141	07M
940748	MIDDLER	04/28/94	Thursday	11:00	453	16.3	5.3	0.136	07M
940749	MIDDLER	04/29/94	Friday	11:00	476	16.2	5.4	0.136	07M
940750	MIDDLER	04/30/94	Saturday	11:00	474	16.2	5.2	0.134	07M
940751	MIDDLER	05/01/94	Sunday	11:00	484	16.1	6.3	0.135	07M
940752	MIDDLER	05/02/94	Monday	11:00	488	16.2	6.9	0.133	58 07M
940786	MIDDLER	05/03/94	Tuesday	11:00	491	17.8	4.6	0.119	07M
940787	MIDDLER	05/04/94	Wednesday	11:00	502	17.9	5.0	0.127	07M
940788	MIDDLER	05/05/94	Thursday	11:00	523	18.0	5.2	0.131	07M
940789	MIDDLER	05/06/94	Friday	11:00	524	18.0	5.2	0.133	07M
940790	MIDDLER	05/07/94	Saturday	11:00	535	18.0	5.2	0.139	07M
940791	MIDDLER	05/08/94	Sunday	11:00	550	18.0	6.0	0.143	07M
940792	MIDDLER	05/09/94	Monday	11:00	529	17.9	7.5	0.132	53 07M
940826	MIDDLER	05/10/94	Tuesday	10:00	519	14.9	5.0	0.110	07M
940827	MIDDLER	05/11/94	Wednesday	10:00	518	14.5	5.2	0.117	07M
940828	MIDDLER	05/12/94	Thursday	10:00	514	14.5	4.8	0.117	07M
940829	MIDDLER	05/13/94	Friday	10:00	498	14.5	4.9	0.114	07M
940830	MIDDLER	05/14/94	Saturday	10:00	488	14.5	5.3	0.109	07M
940831	MIDDLER	05/15/94	Sunday	10:00	490	14.5	6.0	0.110	07M
940832	MIDDLER	05/16/94	Monday	10:00	492	14.5	6.5	0.114	54 07M
940866	MIDDLER	05/17/94	Tuesday	11:00	493	20.4	4.1	0.111	07M
940867	MIDDLER	05/18/94	Wednesday	11:00	497	20.1	4.3	0.114	07M
940868	MIDDLER	05/19/94	Thursday	11:00	498	20.0	4.6	0.118	07M
940869	MIDDLER	05/20/94	Friday	11:00	510	19.9	4.8	0.122	07M
940870	MIDDLER	05/21/94	Saturday	11:00	513	20.0	5.1	0.126	07M
940871	MIDDLER	05/22/94	Sunday	11:00	518	19.9	5.8	0.131	07M
940872	MIDDLER	05/23/94	Monday	11:00	516	19.8	7.4	0.134	54 07M
940895	MIDDLER	05/24/94	Tuesday	10:00	491	20.9	4.9	0.121	07M
940896	MIDDLER	05/25/94	Wednesday	10:00	510	20.9	5.7	0.128	07M
940897	MIDDLER	05/26/94	Thursday	10:00	504	21.0	5.4	0.129	07M
940898	MIDDLER	05/27/94	Friday	10:00	496	20.9	5.0	0.129	07M
940899	MIDDLER	05/28/94	Saturday	10:00	488	21.0	6.3	0.129	07M
940900	MIDDLER	05/29/94	Sunday	10:00	479	21.0	7.2	0.129	07M
940901	MIDDLER	05/30/94	Monday	10:00	473	20.9	7.6	0.127	48 07M
940993	MIDDLER	05/31/94	Tuesday	10:00	466	16.7	5.2	0.113	07M
940994	MIDDLER	06/01/94	Wednesday	10:00	472	16.6	4.8	0.117	07M
940995	MIDDLER	06/02/94	Thursday	10:00	473	16.6	5.4	0.117	07M
940996	MIDDLER	06/03/94	Friday	10:00	473	16.6	5.2	0.120	07M
940997	MIDDLER	06/04/94	Saturday	10:00	473	16.6	4.9	0.119	07M
940998	MIDDLER	06/05/94	Sunday	10:00	470	16.6	5.9	0.122	07M
940999	MIDDLER	06/06/94	Monday	10:00	470	16.3	6.7	0.124	55 07M
941032	MIDDLER	06/07/94	Tuesday	10:00	474	18.4	4.0	0.116	07M
941033	MIDDLER	06/07/94	Tuesday	10:00	474	18.4	4.0	0.117	07M
941034	MIDDLER	06/08/94	Wednesday	10:00	466	18.3	3.9	0.116	07M
941035	MIDDLER	06/09/94	Thursday	10:00	460	18.3	3.9	0.114	07M
941036	MIDDLER	06/10/94	Friday	10:00	458	18.3	4.0	0.116	07M
941037	MIDDLER	06/11/94	Saturday	10:00	462	18.4	4.2	0.119	07M
941038	MIDDLER	06/12/94	Sunday	10:00	453	18.3	4.1	0.122	07M
941039	MIDDLER	06/13/94	Monday	10:00	452	18.1	4.4	0.124	57 07M

DNR MWQI Autosampler Data Report

07/27/95

Page 19

Nosuf	Station	Date	Weekday	Time	Field		DOC	UVA	TFPC	Run
					EC	Temp.				Type
941132	MIDDLER	06/14/94	Tuesday	10:00	432	19.4	3.6	0.113		07ZM
941133	MIDDLER	06/14/94	Tuesday	10:00	432	19.4	3.6	0.116		07YM
941134	MIDDLER	06/15/94	Wednesday	10:00	431	19.3	3.6	0.116		07M
941135	MIDDLER	06/16/94	Thursday	10:00	436	19.4	3.7	0.121		07M
941136	MIDDLER	06/17/94	Friday	10:00	435	19.4	3.7	0.123		07M
941137	MIDDLER	06/18/94	Saturday	10:00	438	19.5	3.6	0.123		07M
941138	MIDDLER	06/19/94	Sunday	10:00	434	19.4	3.9	0.129		07M
941139	MIDDLER	06/20/94	Monday	10:00	425	19.3	6.5	0.131	52	07M
941204	MIDDLER	06/21/94	Tuesday	10:00	444	23.1	3.9	0.120		07ZM
941205	MIDDLER	06/21/94	Tuesday	10:00	444	23.1	4.0	0.124		07YM
941206	MIDDLER	06/22/94	Wednesday	10:00	429	23.3	3.6	0.118		07M
941207	MIDDLER	06/23/94	Thursday	10:00	419	23.4	3.6	0.116		07M
941208	MIDDLER	06/24/94	Friday	10:00	418	23.5	3.8	0.117		07M
941209	MIDDLER	06/25/94	Saturday	10:00	412	23.5	3.6	0.115		07M
941210	MIDDLER	06/26/94	Sunday	10:00	409	23.5	3.5	0.117		07M
941211	MIDDLER	06/27/94	Monday	10:00	409	23.2	3.7	0.121	44	07M
941251	MIDDLER	06/28/94	Tuesday	10:00	394	20.7	3.5	0.110		07M
941252	MIDDLER	06/29/94	Wednesday	10:00	398	20.6	3.4	0.109		07M
941253	MIDDLER	06/30/94	Thursday	10:00	397	20.7	3.5	0.113		07M
941254	MIDDLER	07/01/94	Friday	10:00	400	20.8	3.6	0.116		07M
941255	MIDDLER	07/02/94	Saturday	10:00	399	20.8	3.6	0.120		07M
941256	MIDDLER	07/03/94	Sunday	10:00	403	20.8	3.6	0.125		07M
941257	MIDDLER	07/04/94	Monday	10:00	404	20.7	3.7	0.127	45	07M
941287	MIDDLER	07/05/94	Tuesday	10:00	395	21.4	3.6	0.113		07M
941288	MIDDLER	07/06/94	Wednesday	10:00	403	21.4	3.7	0.119		07M
941289	MIDDLER	07/07/94	Thursday	10:00	403	21.5	3.6	0.124		07M
941290	MIDDLER	07/08/94	Friday	10:00	401	21.5	3.5	0.118		07M
941291	MIDDLER	07/09/94	Saturday	10:00	398	21.5	3.6	0.117		07M
941292	MIDDLER	07/10/94	Sunday	10:00	393	21.5	3.5	0.117		07M
941293	MIDDLER	07/11/94	Monday	10:00	392	21.3	5.8	0.115	46	07M
941405	MIDDLER	07/12/94	Tuesday	9:00	393	21.0	3.8	0.105		07M
941406	MIDDLER	07/13/94	Wednesday	9:00	401	21.3	3.6	0.106		07M
941407	MIDDLER	07/14/94	Thursday	9:00	404	21.6	3.7	0.108		07M
941408	MIDDLER	07/15/94	Friday	9:00	400	21.7	3.6	0.108		07M
941409	MIDDLER	07/16/94	Saturday	9:00	401	21.7	3.8	0.108		07M
941410	MIDDLER	07/17/94	Sunday	9:00	399	21.7	4.0	0.109		07M
941411	MIDDLER	07/18/94	Monday	9:00	413	21.5	5.0	0.114	54	07M
941440	MIDDLER	07/19/94	Tuesday	9:00	392	22.7	3.8	0.106		07ZM
941441	MIDDLER	07/19/94	Tuesday	9:00	392	22.7	3.8	0.107		07YM
941442	MIDDLER	07/20/94	Wednesday	9:00	398	22.7	3.2	0.106		07M
941443	MIDDLER	07/21/94	Thursday	9:00	406	22.7	3.3	0.108		07M
941444	MIDDLER	07/22/94	Friday	9:00	406	22.7	3.4	0.109		07M
941445	MIDDLER	07/23/94	Saturday	9:00	403	22.7	3.3	0.110		07M
941446	MIDDLER	07/24/94	Sunday	9:00	401	22.8	3.4	0.112		07M
941447	MIDDLER	07/25/94	Monday	9:00	402	22.7	3.7	0.118	44	07M
941526	MIDDLER	07/26/94	Tuesday	10:00	394	19.4	3.2	0.106		07ZM
941527	MIDDLER	07/26/94	Tuesday	10:00	394	19.4	3.0	0.108		07YM
941528	MIDDLER	07/27/94	Wednesday	10:00	406	19.4	3.7	0.110		07M
941529	MIDDLER	07/28/94	Thursday	10:00	400	19.4	3.8	0.111		07M

DWR MWQI Autosampler Data Report

07/27/95

Page 20

Nosuf	Station	Date	Weekday	Time	Field		DOC	UVA	Run
					EC	Temp.			
									TFPC Type
941530	MIDDLER	07/29/94	Friday	10:00	401	19.4	3.7	0.110	07M
941531	MIDDLER	07/30/94	Saturday	10:00	405	19.4	3.9	0.112	07M
941532	MIDDLER	07/31/94	Sunday	10:00	404	19.4	4.0	0.115	07M
941533	MIDDLER	08/01/94	Monday	10:00	405	19.3	4.5	0.118	42 07M
941608	MIDDLER	08/02/94	Tuesday	8:00	400	21.2	3.6	0.107	07ZM
941609	MIDDLER	08/02/94	Tuesday	8:00	400	21.2	3.8	0.109	07YM
941610	MIDDLER	08/03/94	Wednesday	8:00	410	21.4	3.5	0.108	07M
941611	MIDDLER	08/04/94	Thursday	8:00	405	21.5	3.7	0.109	07M
941612	MIDDLER	08/05/94	Friday	8:00	408	21.4	3.7	0.110	07M
941613	MIDDLER	08/06/94	Saturday	8:00	407	21.4	4.0	0.113	07M
941614	MIDDLER	08/07/94	Sunday	8:00	394	21.4	4.2	0.111	07M
941615	MIDDLER	08/08/94	Monday	8:00	387	20.9	3.6	0.108	43 07M
941644	MIDDLER	08/09/94	Tuesday	8:00	417	23.0	3.7	0.103	07ZM
941645	MIDDLER	08/09/94	Tuesday	8:00	414	23.1	3.4	0.106	07YM
941646	MIDDLER	08/10/94	Wednesday	8:00	384	23.2	3.3	0.104	07M
941647	MIDDLER	08/11/94	Thursday	8:00	410	23.2	3.2	0.105	07M
941648	MIDDLER	08/12/94	Friday	8:00	416	23.3	3.2	0.107	07M
941649	MIDDLER	08/13/94	Saturday	8:00	373	23.2	3.3	0.111	07M
941650	MIDDLER	08/14/94	Sunday	8:00	372	23.2	3.4	0.112	07M
941651	MIDDLER	08/15/94	Monday	8:00	376	23.1	3.6	0.120	49 07M
941696	MIDDLER	08/16/94	Tuesday	10:00	382	20.2	3.3	0.110	07ZM
941697	MIDDLER	08/16/94	Tuesday	10:00	382	20.2	3.3	0.108	07YM
941698	MIDDLER	08/17/94	Wednesday	10:00	381	20.4	3.5	0.114	07M
941699	MIDDLER	08/18/94	Thursday	10:00	378	20.4	3.9	0.114	07M
941700	MIDDLER	08/19/94	Friday	10:00	380	20.4	3.8	0.112	07M
941701	MIDDLER	08/20/94	Saturday	10:00	380	20.4	4.0	0.118	07M
941702	MIDDLER	08/21/94	Sunday	10:00	371	20.4	3.9	0.116	07M
941703	MIDDLER	08/22/94	Monday	10:00	366	20.1	4.5	0.117	49 07M
941726	MIDDLER	08/23/94	Tuesday	9:00	360	20.9	3.5	0.106	07M
941727	MIDDLER	08/24/94	Wednesday	9:00	362	21.0	3.3	0.107	07M
941728	MIDDLER	08/25/94	Thursday	9:00	357	21.1	3.6	0.106	07M
941729	MIDDLER	08/26/94	Friday	9:00	352	21.1	3.4	0.106	07M
941730	MIDDLER	08/27/94	Saturday	9:00	348	21.1	3.4	0.104	07M
941731	MIDDLER	08/28/94	Sunday	9:00	350	21.0	3.6	0.105	07M
941732	MIDDLER	08/29/94	Monday	9:00	344	20.9	3.9	0.105	38 07M
941796	MIDDLER	08/30/94	Tuesday	9:00	339	21.8	3.2	0.088	07ZM
941797	MIDDLER	08/30/94	Tuesday	9:00	339	21.8	3.4	0.098	07YM
941798	MIDDLER	08/31/94	Wednesday	9:00	332	21.8	3.4	0.101	07M
941799	MIDDLER	09/01/94	Thursday	9:00	338	21.9	3.5	0.106	07M
941800	MIDDLER	09/02/94	Friday	9:00	340	21.9	3.2	0.105	07M
941801	MIDDLER	09/03/94	Saturday	9:00	334	21.9	3.6	0.100	07M
941802	MIDDLER	09/04/94	Sunday	9:00	335	21.9	3.8	0.105	07M
941803	MIDDLER	09/05/94	Monday	9:00	329	21.7	4.2	0.101	40 07M
941826	MIDDLER	09/06/94	Tuesday	9:00	332	18.1	3.2	0.084	07M
941827	MIDDLER	09/07/94	Wednesday	9:00	335	18.4	3.5	0.089	07M
941828	MIDDLER	09/08/94	Thursday	9:00	341	18.5	3.2	0.085	07M
941829	MIDDLER	09/09/94	Friday	9:00	341	18.5	3.2	0.082	07M
941830	MIDDLER	09/10/94	Saturday	9:00	338	18.5	3.1	0.080	07M
941831	MIDDLER	09/11/94	Sunday	9:00	336	18.4	3.1	0.080	07M

DWR MWQI Autosampler Data Report

07/27/95

Page 21

Nosuf	Station	Date	Weekday	Time	Field EC	Field Temp.	DOC	UVA	TFPC	Run Type
941832	MIDDLER	09/12/94	Monday	9:00	347	18.3	3.2	0.081	36	07M
941866	MIDDLER	09/13/94	Tuesday	9:00	346	19.9	2.8	0.026		07M
941867	MIDDLER	09/14/94	Wednesday	9:00	356	20.3	2.6	0.082		07M
941868	MIDDLER	09/15/94	Thursday	9:00	368	20.4	2.9	0.089		07M
941869	MIDDLER	09/16/94	Friday	9:00	369	20.4	2.7	0.087		07M
941870	MIDDLER	09/17/94	Saturday	9:00	394	20.0	2.5	0.085		07M
941871	MIDDLER	09/18/94	Sunday	9:00	394	20.0	2.5	0.085		07M
941872	MIDDLER	09/19/94	Monday	9:00	375	19.9	2.7	0.087	28	07M
941948	MIDDLER	09/20/94	Tuesday	9:00	414	19.7	2.8	0.075		07YM
941949	MIDDLER	09/20/94	Tuesday	9:00	414	19.7	2.8	0.077		07ZM
941950	MIDDLER	09/21/94	Wednesday	9:00	424	20.2	2.9	0.078		07M
941951	MIDDLER	09/22/94	Thursday	9:00	435	20.3	3.3	0.086		07M
941952	MIDDLER	09/23/94	Friday	9:00	445	20.3	4.2	0.082		07M
941953	MIDDLER	09/24/94	Saturday	9:00	450	20.3	2.9	0.083		07M
941954	MIDDLER	09/25/94	Sunday	9:00	461	20.3	3.2	0.084		07
941955	MIDDLER	09/26/94	Monday	9:00	469	20.1	3.4	0.086	30	07
941983	MIDDLER	09/27/94	Tuesday	9:00	486	17.6	2.9	0.081		07ZM
941984	MIDDLER	09/27/94	Tuesday	9:00	486	17.6	3.0	0.084		07YM
941985	MIDDLER	09/28/94	Wednesday	9:00	464	17.8	5.8	0.088		07M
941986	MIDDLER	09/29/94	Thursday	9:00	465	17.9	5.6	0.091		07M
941987	MIDDLER	09/30/94	Friday	9:00	474	17.9	5.6	0.091		07M
940239	TWITCHELLPPO1	01/27/94	Thursday	9:08	1208	5.4	30.0	1.260		07M
940240	TWITCHELLPPO1	01/28/94	Friday	9:08	1143	4.4	28.6	1.210		07M
940241	TWITCHELLPPO1	01/29/94	Saturday	9:08	1076	4.3	26.3	1.110		07M
940242	TWITCHELLPPO1	01/30/94	Sunday	9:08	1067	5.0	24.7	1.070		07M
940243	TWITCHELLPPO1	01/31/94	Monday	9:08	1284	6.2	36.5	1.590	400	07M
940244	TWITCHELLPPO1	02/01/94	Tuesday	14:00	1327	10.2	34.2	1.600		07ZM
940266	TWITCHELLPPO1	02/01/94	Tuesday	14:00	1327	10.2	34.2	1.560		07YM
940267	TWITCHELLPPO1	02/02/94	Wednesday	14:00	1356	10.1	29.0	1.370		07M
940268	TWITCHELLPPO1	02/03/94	Thursday	14:00	1348	10.1	28.7	1.310		07M
940269	TWITCHELLPPO1	02/04/94	Friday	14:00	1320	9.9	26.9	1.220		07M
940270	TWITCHELLPPO1	02/05/94	Saturday	14:00	1338	9.8	26.3	1.210		07M
940271	TWITCHELLPPO1	02/06/94	Sunday	14:00	1303	9.8	26.0	1.180		07M
940285	TWITCHELLPPO1	02/08/94	Tuesday	13:20	1634	11.3	42.0	1.840		07ZM
940307	TWITCHELLPPO1	02/08/94	Tuesday	13:20	1634	11.3	41.5	1.840		07YM
940308	TWITCHELLPPO1	02/09/94	Wednesday	13:20	1589	10.0	33.0	1.520		07M
940309	TWITCHELLPPO1	02/10/94	Thursday	13:20	1474	10.2	27.3	1.310		07M
940310	TWITCHELLPPO1	02/11/94	Friday	13:20	1472	9.8	30.3	1.360		07M
940311	TWITCHELLPPO1	02/12/94	Saturday	13:20	1463	9.6	29.2	1.290		07M
940312	TWITCHELLPPO1	02/13/94	Sunday	13:20	1446	9.6	28.0	1.230		07M
940313	TWITCHELLPPO1	02/14/94	Monday	13:20	1395	9.9	23.6	1.110	270	07M
940347	TWITCHELLPPO1	02/15/94	Tuesday	13:27	1289	9.8	21.9	0.912		07M
940348	TWITCHELLPPO1	02/16/94	Wednesday	13:27	1225	8.8	21.6	0.946		07M
940349	TWITCHELLPPO1	02/17/94	Thursday	13:27	1120	8.4	26.5	1.170		07M
940350	TWITCHELLPPO1	02/18/94	Friday	13:27	1142	8.2	29.8	1.340		07M
940351	TWITCHELLPPO1	02/19/94	Saturday	13:27	1251	8.2	31.2	1.400		07M
940352	TWITCHELLPPO1	02/20/94	Sunday	13:27	1464	8.1	35.1	1.540		07M
940353	TWITCHELLPPO1	02/21/94	Monday	13:27	1518	8.1	32.6	1.360	330	07M

DWR MWQI Autosampler Data Report

07/27/95

Page 22

Nosuf	Station	Date	Weekday	Time	Field	Field	DOC	UVA	Run
					EC	Temp.			TFPC Type
940369	TWITCHELLPPO1	02/22/94	Tuesday	10:00	1455	13.6	30.5	1.400	07ZM
940391	TWITCHELLPPO1	02/22/94	Tuesday	10:00	1455	13.6	30.7	1.230	07YM
940392	TWITCHELLPPO1	02/23/94	Wednesday	10:00	1464	13.4	33.3	1.290	07M
940393	TWITCHELLPPO1	02/24/94	Thursday	10:00	1483	13.4	32.3	1.380	07M
940394	TWITCHELLPPO1	02/25/94	Friday	10:00	1515	13.0	31.2	1.360	07M
940395	TWITCHELLPPO1	02/26/94	Saturday	10:00	1473	12.6	29.2	1.260	07M
940396	TWITCHELLPPO1	02/27/94	Sunday	10:00	1465	12.6	30.0	1.310	07M
940397	TWITCHELLPPO1	02/28/94	Monday	10:00	1459	12.4	31.1	1.370	320 07M
940420	TWITCHELLPPO1	03/01/94	Tuesday	12:16	1476	14.3	29.7	1.250	07M
940421	TWITCHELLPPO1	03/02/94	Wednesday	12:16	1432	14.2	27.9	1.180	07M
940422	TWITCHELLPPO1	03/03/94	Thursday	12:16	1398	14.3	26.6	1.120	07M
940423	TWITCHELLPPO1	03/04/94	Friday	12:16	1411	13.8	28.1	1.180	07M
940424	TWITCHELLPPO1	03/05/94	Saturday	12:16	1401	13.1	28.0	1.210	07M
940425	TWITCHELLPPO1	03/06/94	Sunday	12:16	1388	12.6	28.7	1.250	07M
940426	TWITCHELLPPO1	03/07/94	Monday	12:16	1298	12.6	28.2	1.260	300 07M
940459	TWITCHELLPPO1	03/08/94	Tuesday	11:40	1212	16.7	25.7	1.110	07M
940460	TWITCHELLPPO1	03/09/94	Wednesday	11:40	1279	16.7	33.3	1.520	07M
940461	TWITCHELLPPO1	03/10/94	Thursday	11:40	1230	16.7	32.6	1.570	07M
940462	TWITCHELLPPO1	03/11/94	Friday	11:40	1253	16.7	28.1	1.260	07M
940463	TWITCHELLPPO1	03/12/94	Saturday	11:40	1253	16.7	26.4	1.140	260 07M
940488	TWITCHELLPPO1	03/15/94	Tuesday	13:28	1137	12.4	24.2	1.050	07M
940489	TWITCHELLPPO1	03/16/94	Wednesday	13:28	1140	11.6	24.2	1.070	07M
940490	TWITCHELLPPO1	03/17/94	Thursday	13:28	1095	11.6	23.3	1.040	07M
940491	TWITCHELLPPO1	03/18/94	Friday	13:28	1128	11.5	23.1	1.050	07M
940492	TWITCHELLPPO1	03/19/94	Saturday	13:28	1067	11.2	21.4	0.995	07M
940493	TWITCHELLPPO1	03/20/94	Sunday	13:28	1022	11.0	21.7	0.977	07M
940494	TWITCHELLPPO1	03/21/94	Monday	13:28	987	10.7	21.0	0.926	210 07M
940506	TWITCHELLPPO1	03/22/94	Tuesday	13:28	978	15.8	20.3	0.965	07ZM
940528	TWITCHELLPPO1	03/22/94	Tuesday	13:28	978	15.8	20.4	0.967	07YM
940529	TWITCHELLPPO1	03/23/94	Wednesday	13:28	940	15.3	19.4	0.940	07M
940530	TWITCHELLPPO1	03/24/94	Thursday	13:28	892	15.4	19.2	0.849	07M
940531	TWITCHELLPPO1	03/25/94	Friday	13:28	935	15.2	20.7	0.915	07M
940532	TWITCHELLPPO1	03/26/94	Saturday	13:28	917	15.2	20.9	0.769	07M
940533	TWITCHELLPPO1	03/27/94	Sunday	13:28	944	15.0	19.7	0.939	07M
940534	TWITCHELLPPO1	03/28/94	Monday	13:28	950	15.0	21.2	0.996	140 07M
940562	TWITCHELLPPO1	03/29/94	Tuesday	12:08	898	16.7	19.4	0.849	07M
940563	TWITCHELLPPO1	03/30/94	Wednesday	12:08	967	16.1	19.6	0.899	07M
940564	TWITCHELLPPO1	03/31/94	Thursday	12:08	860	16.4	17.6	0.851	07M
940565	TWITCHELLPPO1	04/01/94	Friday	12:08	840	16.5	17.9	0.790	07M
940566	TWITCHELLPPO1	04/02/94	Saturday	12:08	820	16.9	17.7	0.806	07M
940567	TWITCHELLPPO1	04/03/94	Sunday	12:08	823	16.3	18.8	0.810	07M
940568	TWITCHELLPPO1	04/04/94	Monday	12:08	921	16.0	19.6	0.905	280 07M
940591	TWITCHELLPPO1	04/05/94	Tuesday	11:59	841	16.7	17.4	0.752	07M
940592	TWITCHELLPPO1	04/06/94	Wednesday	11:59	857	16.5	18.0	0.808	07M
940593	TWITCHELLPPO1	04/07/94	Thursday	11:59	762	16.6	16.4	0.739	07M
940594	TWITCHELLPPO1	04/08/94	Friday	11:59	806	16.4	15.7	0.745	07M
940595	TWITCHELLPPO1	04/09/94	Saturday	11:59	762	16.1	17.3	0.795	07M
940596	TWITCHELLPPO1	04/10/94	Sunday	11:59	847	15.5	17.9	0.829	07M
940597	TWITCHELLPPO1	04/11/94	Monday	11:59	864	15.4	18.6	0.855	160 07M

DWR MWQI Autosampler Data Report

07/27/95

Page 23

Nosuf	Station	Date	Weekday	Time	Field		DOC	UVA	Run	
					EC	Temp.			TFPC	Type
940701	TWITCHELLPPO1	04/12/94	Tuesday	10:59	918	15.9	17.6	0.780		07M
940702	TWITCHELLPPO1	04/13/94	Wednesday	10:59	827	15.9	17.2	0.797		07M
940703	TWITCHELLPPO1	04/14/94	Thursday	10:59	794	16.1	16.3	0.744		07M
940704	TWITCHELLPPO1	04/15/94	Friday	10:59	843	16.2	15.4	0.759		07M
940705	TWITCHELLPPO1	04/16/94	Saturday	10:59	831	16.2	16.8	0.776		07M
940706	TWITCHELLPPO1	04/17/94	Sunday	10:59	899	16.1	17.3	0.787		07M
940707	TWITCHELLPPO1	04/18/94	Monday	10:59	889	15.6	15.8	0.743	180	07M
940708	TWITCHELLPPO1	04/19/94	Tuesday	11:00	848	14.6	17.1	0.751		072M
940730	TWITCHELLPPO1	04/19/94	Tuesday	11:00	848	14.6	17.1	0.727		07YM
940731	TWITCHELLPPO1	04/20/94	Wednesday	11:00	805	13.1	15.3	0.685		07M
940732	TWITCHELLPPO1	04/21/94	Thursday	11:00	867	12.6	15.8	0.750		07M
940733	TWITCHELLPPO1	04/22/94	Friday	11:00	743	12.3	14.6	0.659		07M
940734	TWITCHELLPPO1	04/23/94	Saturday	11:00	776	11.9	14.5	0.631		07M
940735	TWITCHELLPPO1	04/24/94	Sunday	11:00	776	12.0	14.8	0.660		07M
940736	TWITCHELLPPO1	04/25/94	Monday	11:00	918	12.1	16.6	0.734	170	07M
940767	TWITCHELLPPO1	04/26/94	Tuesday	13:00	912	15.9	15.5	0.748		07M
940768	TWITCHELLPPO1	04/27/94	Wednesday	13:00	926	15.8	15.3	0.777		07M
940769	TWITCHELLPPO1	04/28/94	Thursday	13:00	756	15.8	13.6	0.651		07M
940770	TWITCHELLPPO1	04/29/94	Friday	13:00	802	15.7	14.4	0.700		07M
940771	TWITCHELLPPO1	04/30/94	Saturday	13:00	743	15.6	14.2	0.694		07M
940772	TWITCHELLPPO1	05/01/94	Sunday	13:00	779	15.5	13.8	0.638		07M
940773	TWITCHELLPPO1	05/02/94	Monday	13:00	780	15.5	15.0	0.764	180	07M
940785	TWITCHELLPPO1	05/03/94	Tuesday	10:00	735	18.0	14.9	0.693		072M
940807	TWITCHELLPPO1	05/03/94	Tuesday	10:00	735	18.0	15.1	0.698		07YM
940808	TWITCHELLPPO1	05/04/94	Wednesday	10:00	721	17.5	15.0	0.695		07M
940809	TWITCHELLPPO1	05/05/94	Thursday	10:00	773	17.8	13.2	0.632		07M
940810	TWITCHELLPPO1	05/06/94	Friday	10:00	780	17.6	13.3	0.593		07M
940811	TWITCHELLPPO1	05/07/94	Saturday	10:00	871	17.4	13.8	0.607		07M
940812	TWITCHELLPPO1	05/08/94	Sunday	10:00	893	17.1	18.4	0.795		07M
940813	TWITCHELLPPO1	05/09/94	Monday	10:00	906	17.1	18.6	0.858	190	07M
940847	TWITCHELLPPO1	05/10/94	Tuesday	12:00	939	14.9	17.5	0.726		07M
940848	TWITCHELLPPO1	05/11/94	Wednesday	12:00	897	13.9	17.1	0.741		07M
940849	TWITCHELLPPO1	05/12/94	Thursday	12:00	903	13.9	17.6	0.763		07M
940850	TWITCHELLPPO1	05/13/94	Friday	12:00	1020	13.7	19.8	0.845		07M
940851	TWITCHELLPPO1	05/14/94	Saturday	12:00	991	13.6	19.4	0.862		07M
940852	TWITCHELLPPO1	05/15/94	Sunday	12:00	956	13.5	16.4	0.761		07M
940853	TWITCHELLPPO1	05/16/94	Monday	12:00	951	13.6	17.3	0.827	180	07M
940887	TWITCHELLPPO1	05/17/94	Tuesday	12:48	877	21.8	15.8	0.680		07M
940888	TWITCHELLPPO1	05/18/94	Wednesday	12:48	960	20.7	13.6	0.635		07M
940889	TWITCHELLPPO1	05/19/94	Thursday	12:48	923	20.5	13.9	0.622		07M
940890	TWITCHELLPPO1	05/20/94	Friday	12:48	909	20.3	16.1	0.727		07M
940891	TWITCHELLPPO1	05/21/94	Saturday	12:48	887	20.0	16.7	0.777		07M
940892	TWITCHELLPPO1	05/22/94	Sunday	12:48	913	19.8	18.4	0.869		07M
940893	TWITCHELLPPO1	05/23/94	Monday	12:48	938	19.7	17.6	0.872	200	07M
940894	TWITCHELLPPO1	05/24/94	Tuesday	12:31	900	19.8	16.9	0.829		072M
940916	TWITCHELLPPO1	05/24/94	Tuesday	12:31	900	19.8	17.0	0.798		07YM
940917	TWITCHELLPPO1	05/25/94	Wednesday	12:31	914	19.7	17.2	0.857		07M
940918	TWITCHELLPPO1	05/26/94	Thursday	12:31	768	19.7	14.6	0.739		07M
940919	TWITCHELLPPO1	05/27/94	Friday	12:31	1041	20.0	13.2	0.517		07M

DWR MNIQI Autosampler Data Report

07/27/95

Page 24

Nosuf	Station	Date	Weekday	Time	Field		DOC	UVA	Run	
					EC	Temp.			TFPC	Type
940920	TWITCHELLPPO1	05/28/94	Saturday	12:31	932	19.9	13.2	0.555		07M
940921	TWITCHELLPPO1	05/29/94	Sunday	12:31	873	19.5	15.6	0.740		07M
940922	TWITCHELLPPO1	05/30/94	Monday	12:31	806	19.4	12.2	0.618	140	07M
941014	TWITCHELLPPO1	05/31/94	Tuesday	11:59	856	18.2	15.7	0.670		07M
941015	TWITCHELLPPO1	06/01/94	Wednesday	11:59	848	18.2	15.0	0.739		07M
941016	TWITCHELLPPO1	06/02/94	Thursday	11:59	854	18.2	9.8	0.468		07M
941017	TWITCHELLPPO1	06/03/94	Friday	11:59	768	18.2	13.6	0.666		07M
941018	TWITCHELLPPO1	06/04/94	Saturday	11:59	753	18.2	14.0	0.694		07M
941019	TWITCHELLPPO1	06/05/94	Sunday	11:59	745	18.2	9.7	0.521		07M
941020	TWITCHELLPPO1	06/06/94	Monday	11:59	700	18.2	13.4	0.672	150	07M
941054	TWITCHELLPPO1	06/07/94	Tuesday	12:32	722	18.8	13.2	0.643		07M
941055	TWITCHELLPPO1	06/08/94	Wednesday	12:32	633	18.3	11.7	0.601		07M
941056	TWITCHELLPPO1	06/09/94	Thursday	12:32	663	18.4	12.0	0.621		07M
941057	TWITCHELLPPO1	06/10/94	Friday	12:32	674	18.3	9.5	0.516		07M
941058	TWITCHELLPPO1	06/11/94	Saturday	12:32	731	18.2	7.1	0.386		07M
941059	TWITCHELLPPO1	06/12/94	Sunday	12:32	678	18.0	11.6	0.634		07M
941060	TWITCHELLPPO1	06/13/94	Monday	12:32	621	17.9	10.7	0.594	130	07M
941154	TWITCHELLPPO1	06/14/94	Tuesday	11:23	638	18.9	13.2	0.679		07M
941155	TWITCHELLPPO1	06/15/94	Wednesday	11:23	659	18.7	10.4	0.544		07M
941156	TWITCHELLPPO1	06/16/94	Thursday	11:23	702	18.5	11.4	0.527		07M
941157	TWITCHELLPPO1	06/17/94	Friday	11:23	659	18.3	11.6	0.577		07M
941158	TWITCHELLPPO1	06/18/94	Saturday	11:23	603	18.2		0.579		07M
941159	TWITCHELLPPO1	06/19/94	Sunday	11:23	670	18.3	9.2	0.427		07M
941160	TWITCHELLPPO1	06/20/94	Monday	11:23	664	18.4	9.3	0.440	98	07M
941226	TWITCHELLPPO1	06/21/94	Tuesday	11:59	711	22.4	8.3	0.390		07M
941227	TWITCHELLPPO1	06/22/94	Wednesday	11:59	678	22.2	7.7	0.390		07M
941228	TWITCHELLPPO1	06/23/94	Thursday	11:59	623	22.4	8.7	0.415		07M
941229	TWITCHELLPPO1	06/24/94	Friday	11:59	586	22.4	10.8	0.524		07M
941230	TWITCHELLPPO1	06/25/94	Saturday	11:59	580	22.3	12.4	0.612		07M
941231	TWITCHELLPPO1	06/26/94	Sunday	11:59	547	22.0	11.8	0.594		07M
941232	TWITCHELLPPO1	06/27/94	Monday	11:59	631	21.8	7.7	0.364	85	07M
941250	TWITCHELLPPO1	06/28/94	Tuesday	12:23	646	19.2	9.9	0.439		07ZM
941272	TWITCHELLPPO1	06/28/94	Tuesday	12:23	646	19.2	10.2	0.476		07YM
941273	TWITCHELLPPO1	06/29/94	Wednesday	12:23	679	19.2	8.4	0.400		07M
941274	TWITCHELLPPO1	06/30/94	Thursday	12:23	692	19.3	7.6	0.353		07M
941275	TWITCHELLPPO1	07/01/94	Friday	12:23	665	19.2	7.3	0.316		07M
941276	TWITCHELLPPO1	07/02/94	Saturday	12:23	624	19.1	6.8	0.306		07M
941277	TWITCHELLPPO1	07/03/94	Sunday	12:23	686	18.8	6.7	0.289		07M
941278	TWITCHELLPPO1	07/04/94	Monday	12:23	673	18.7	7.5	0.341	86	07M
941308	TWITCHELLPPO1	07/05/94	Tuesday	11:13	575	22.7	10.3	0.511		07M
941309	TWITCHELLPPO1	07/06/94	Wednesday	11:13	727	20.7	10.6	0.514		07M
941310	TWITCHELLPPO1	07/07/94	Thursday	11:13	710	20.5	11.0	0.534		07M
941311	TWITCHELLPPO1	07/08/94	Friday	11:13	741	20.3	12.2	0.592		07M
941312	TWITCHELLPPO1	07/09/94	Saturday	11:13	767	20.3	12.4	0.606		07M
941313	TWITCHELLPPO1	07/10/94	Sunday	11:13	787	19.8	15.9	0.727		07M
941314	TWITCHELLPPO1	07/11/94	Monday	11:13	752	19.6	12.2	0.585	160	07M
941426	TWITCHELLPPO1	07/12/94	Tuesday	11:13	801	18.7	15.7	0.694		07M
941427	TWITCHELLPPO1	07/13/94	Wednesday	11:13	795	18.5	14.1	0.616		07M
941428	TWITCHELLPPO1	07/14/94	Thursday	11:13	751	18.6	13.8	0.635		07M

DWR MWQI Autosampler Data Report

07/27/95

Page 25

Nosuf	Station	Date	Weekday	Time	Field	Field	DOC	UVA	Run
					EC	Temp.			TFPC
941429	TWITCHELLPPO1	07/15/94	Friday	11:13	762	18.6	14.6	0.690	07M
941430	TWITCHELLPPO1	07/16/94	Saturday	11:13	779	18.6	16.9	0.782	07M
941431	TWITCHELLPPO1	07/17/94	Sunday	11:13	848	18.3	16.9	0.728	07M
941432	TWITCHELLPPO1	07/18/94	Monday	11:13	830	18.1	17.8	0.858	200 07M
941462	TWITCHELLPPO1	07/19/94	Tuesday	10:51	737	23.3	17.8	0.800	07M
941463	TWITCHELLPPO1	07/20/94	Wednesday	10:51	731	22.6	18.7	0.842	07M
941464	TWITCHELLPPO1	07/21/94	Thursday	10:51	726	22.7	19.3	0.894	07M
941465	TWITCHELLPPO1	07/22/94	Friday	10:51	788	22.9	19.4	0.861	07M
941466	TWITCHELLPPO1	07/23/94	Saturday	10:51	855	23.0	18.9	0.807	07M
941467	TWITCHELLPPO1	07/24/94	Sunday	10:51	822	22.8	16.6	0.691	07M
941468	TWITCHELLPPO1	07/25/94	Monday	10:51	776	22.6	13.4	0.599	150 07M
941548	TWITCHELLPPO1	07/26/94	Tuesday	11:00	821	19.3	13.3	0.604	07M
941549	TWITCHELLPPO1	07/27/94	Wednesday	11:00	749	18.6	14.0	0.664	07M
941550	TWITCHELLPPO1	07/28/94	Thursday	11:00	714	18.7	15.5	0.710	07M
941551	TWITCHELLPPO1	07/29/94	Friday	11:00	699	18.8	15.8	0.742	07M
941552	TWITCHELLPPO1	07/30/94	Saturday	11:00	699	18.8	13.6	0.671	07M
941553	TWITCHELLPPO1	07/31/94	Sunday	11:00	693	18.7	17.3	0.822	07M
941554	TWITCHELLPPO1	08/01/94	Monday	11:00	689	18.6	17.7	0.841	200 07M
941630	TWITCHELLPPO1	08/02/94	Tuesday	10:04	750	19.9	14.2	0.722	07M
941631	TWITCHELLPPO1	08/03/94	Wednesday	10:04	685	20.2	18.0	0.855	07M
941632	TWITCHELLPPO1	08/04/94	Thursday	10:04	731	20.4	16.2	0.756	07M
941633	TWITCHELLPPO1	08/05/94	Friday	10:04	742	20.5	16.8	0.790	07M
941634	TWITCHELLPPO1	08/06/94	Saturday	10:04	677	20.4	18.6	0.903	07M
941635	TWITCHELLPPO1	08/07/94	Sunday	10:04	884	20.3	20.6	0.916	07M
941636	TWITCHELLPPO1	08/08/94	Monday	10:04	841	19.9	19.7	0.932	230 07M
941666	TWITCHELLPPO1	08/09/94	Tuesday	10:00	794	25.3	23.9	1.050	07M
941667	TWITCHELLPPO1	08/10/94	Wednesday	10:00	812	25.0	22.4	1.010	07M
941668	TWITCHELLPPO1	08/11/94	Thursday	10:00	920	24.8	24.3	1.060	07M
941669	TWITCHELLPPO1	08/12/94	Friday	10:00	909	24.8	23.9	1.070	07M
941670	TWITCHELLPPO1	08/13/94	Saturday	10:00	873	24.4	23.6	1.060	07M
941671	TWITCHELLPPO1	08/14/94	Sunday	10:00	873	24.3	26.8	1.160	07M
941672	TWITCHELLPPO1	08/15/94	Monday	10:00	866	23.9	22.6	1.010	230 07M
941711	TWITCHELLPPO1	08/16/94	Tuesday	11:56	866	19.9	20.4	0.924	07M
941712	TWITCHELLPPO1	08/17/94	Wednesday	11:56	875	20.0	22.7	0.983	07M
941713	TWITCHELLPPO1	08/18/94	Thursday	11:56	834	20.2	15.5	0.709	07M
941714	TWITCHELLPPO1	08/19/94	Friday	11:56	874	20.2	23.4	1.040	07M
941715	TWITCHELLPPO1	08/20/94	Saturday	11:56	826	20.1	25.4	1.130	07M
941716	TWITCHELLPPO1	08/21/94	Sunday	11:56	915	19.7	27.0	1.150	07M
941717	TWITCHELLPPO1	08/22/94	Monday	11:56	1002	19.5	31.4	1.310	340 07M
941725	TWITCHELLPPO1	08/23/94	Tuesday	10:25	1013	21.1	28.3	1.160	07ZM
941740	TWITCHELLPPO1	08/23/94	Tuesday	10:25	1013	21.1	27.7	1.130	07YM
941741	TWITCHELLPPO1	08/24/94	Wednesday	10:25	974	21.1	26.6	1.160	07M
941742	TWITCHELLPPO1	08/25/94	Thursday	10:25	954	21.3	26.3	1.130	07M
941743	TWITCHELLPPO1	08/26/94	Friday	10:25	941	21.5	26.2	1.200	07M
941744	TWITCHELLPPO1	08/27/94	Saturday	10:25	908	21.5	27.1	1.210	07M
941745	TWITCHELLPPO1	08/28/94	Sunday	10:25	956	21.1	28.6	1.340	07M
941746	TWITCHELLPPO1	08/29/94	Monday	10:25	999	20.8	33.9	1.510	330 07M
941811	TWITCHELLPPO1	08/30/94	Tuesday	10:30	1006	23.1	31.3	1.440	07M
941812	TWITCHELLPPO1	08/31/94	Wednesday	10:30	991	22.5	32.0	1.440	07M

DNR MWQI Autosampler Data Report

07/27/95
Page 26

Nosuf	Station	Date	Weekday	Time	Field EC	Field Temp.	DOC	UVA	Run TFPC Type
941813	TWITCHELLPPO1	09/01/94	Thursday	10:30	963	22.8	30.0	1.380	07M
941814	TWITCHELLPPO1	09/02/94	Friday	10:30	995	22.9	33.5	1.610	07M
941815	TWITCHELLPPO1	09/03/94	Saturday	10:30	1004	22.6	37.1	1.650	07M
941816	TWITCHELLPPO1	09/04/94	Sunday	10:30	1007	22.1	39.2	1.710	07M
941817	TWITCHELLPPO1	09/05/94	Monday	10:30	1001	21.8	40.0	1.790	470 07M
941825	TWITCHELLPPO1	09/06/94	Tuesday	11:00	999	18.7	34.4	1.590	072M
941840	TWITCHELLPPO1	09/06/94	Tuesday	11:00	999	18.7	34.5	1.590	07YM
941841	TWITCHELLPPO1	09/07/94	Wednesday	11:00	994	18.0	36.8	1.770	07M
941842	TWITCHELLPPO1	09/08/94	Thursday	11:00	939	18.8	36.8	1.710	07M
941843	TWITCHELLPPO1	09/09/94	Friday	11:00	924	18.7	36.2	1.700	07M
941844	TWITCHELLPPO1	09/10/94	Saturday	11:00	896	18.4	35.8	1.700	07M
941845	TWITCHELLPPO1	09/11/94	Sunday	11:00	892	18.1	35.0	1.680	07M
941846	TWITCHELLPPO1	09/12/94	Monday	11:00	840	17.9	31.1	1.480	360 07M
941880	TWITCHELLPPO1	09/13/94	Tuesday	11:03	780	20.4	25.2	0.843	07M
941881	TWITCHELLPPO1	09/14/94	Wednesday	11:03	703	20.4	25.5	1.260	07M
941882	TWITCHELLPPO1	09/15/94	Thursday	11:03	805	20.7	25.6	1.300	07M
941883	TWITCHELLPPO1	09/16/94	Friday	11:03	813	20.3	27.4	1.390	07M
941884	TWITCHELLPPO1	09/17/94	Saturday	11:03	803	20.6	29.0	1.490	07M
941885	TWITCHELLPPO1	09/18/94	Sunday	11:03	802	20.1	32.2	1.610	07M
941886	TWITCHELLPPO1	09/19/94	Monday	11:03	831	19.8	34.8	1.680	310 07M
941998	TWITCHELLPPO1	09/27/94	Tuesday	10:30	789	17.2	28.8	1.420	07M
941999	TWITCHELLPPO1	09/28/94	Wednesday	10:30	764	17.3	27.6	1.370	07M
942000	TWITCHELLPPO1	09/29/94	Thursday	10:30	771	17.4	26.8	1.340	07M
942001	TWITCHELLPPO1	09/30/94	Friday	10:30	765	17.1	27.7	1.320	07M