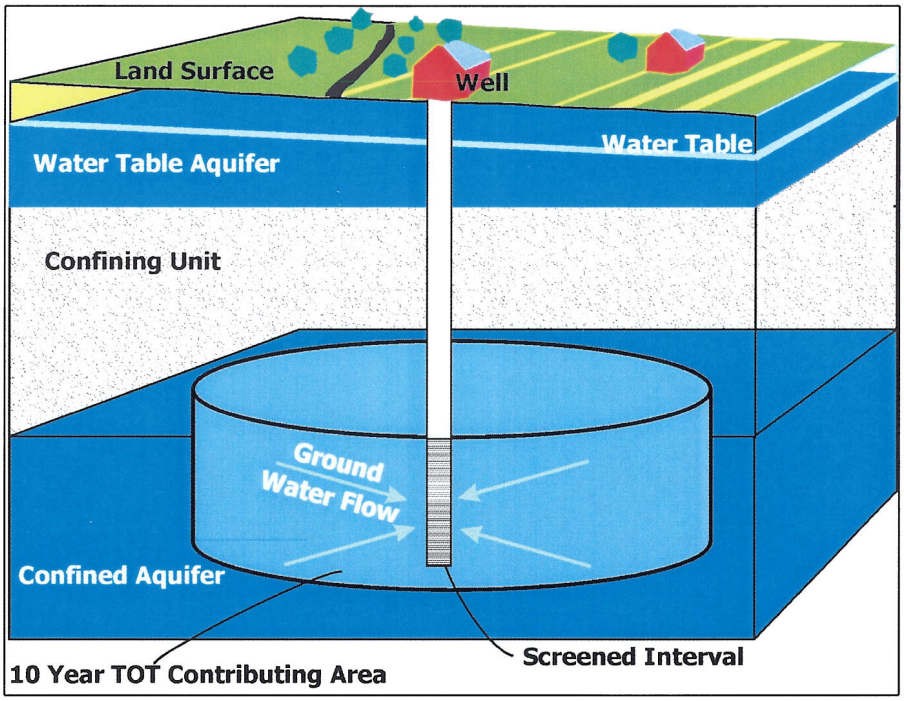
SOURCE WATER ASSESSMENT

FOR

CHARLES COUNTY, MD



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SUMMARY

The Maryland Department of the Environment's Water Supply Program (WSP) has conducted a Source Water Assessment for one hundred thirty eight transient non-community water systems in Charles County. The required components of this report as described in Maryland's Source Water Assessment Program (SWAP) are: 1) delineation of an area that contributes water to the source; 2) identification of potential sources of contamination; and 3) determination of the susceptibility of the water supply to contamination. Recommendations for protecting the drinking water supply conclude this report.

Confined aquifers protect water supplies from contaminants originating on the land surface. Transient water supply systems in Charles County use only confined aquifers. One hundred fifty one wells supply the one hundred thirty eight transient systems in Charles County. Through investigation of MDE records and interviewing system owners, it was concluded that all of these wells are completed in confined aquifers.

The WSP reviewed water quality results, along with the presence of potential sources of contamination within the individual assessment area, the integrity of the system's well, and the inherent vulnerability of the aquifer. None of the transient systems are susceptible to nitrate/nitrite contamination or volatile organic compounds; however, some systems are susceptible to microbiological contaminants through well construction deficiencies. The sanitary integrity of the water supply systems should be maintained. Recommendations for maintaining and correcting wells and system deficiencies can be found at the end of this report to individual water system owners and county officials. These recommendations include disinfecting the well and/or system after any work is performed, replacing deficient well caps with two-piece caps, caulking the electrical conduits and continuing regular inspections of the water system.

INTRODUCTION

The Water Supply Program (WSP) has conducted a Source Water Assessment for one hundred and thirty eight transient noncommunity water systems in Charles County. As defined in Maryland's Source Water Assessment Plan (SWAP), a transient noncommunity water system is any noncommunity water system that does not regularly serve at least twenty-five of the same individuals over six months per year. Some good examples of transient water systems include hotels, restaurants, parks, fire departments, and churches. Figure 1 shows where each of the transient systems is located in Charles County.

The transient systems must sample for at least two contaminants. The first is total coliform bacteria, which is an indicator that other microbiological contaminants could be in the water supply. Systems are required to test for coliform organisms regularly. Additional analysis and sampling is required following routine positive total coliform results. All samples positive for total coliform must also be tested for fecal coliform. Follow up samples are required to confirm initial positive results and determine the possible source of contamination. The second contaminant is nitrogen in the form of nitrate or nitrite. This SWAP report will focus on these two contaminants, but will address other obvious potential sources of contamination.

Charles County is located in the Southern portion of the State and is located in the Coastal Plain physiographic province. The Coastal Plain, geologically the youngest province in Maryland, covers nearly half of the State and consists entirely of unconsolidated sediments. All of the transient water supplies obtain their water from wells of various size and depth. All of these wells are completed in confined aquifers. Depth of well, lithology, and nitrate data were used to determine whether the wells are completed in confined or unconfined aquifers. An accurate determination of the aquifer type is very important because no assessment area needs to be defined for systems using confined aquifers.

WELL INFORMATION

Well information for each system was obtained from the WSP's database, owner interviews, well completion reports, sanitary survey inspection reports, and published reports. A total of one hundred and fifty one wells are used by the one hundred thirty eight transient systems assessed in this report. The well tag number, which provides vital well information, was found for one hundred thirty seven of the one hundred fifty one wells that are being used by the systems (Table 1). From the well tag information, ground water appropriation data, and with the nitrate sampling data it was concluded that all of the wells are completed in confined aquifers (Aquifer code "C") and none of the wells were completed in unconfined aquifers (Aquifer code "U"). Table 1 contains a summary of the well information for each system.

The well information that was available at the start of this project for the transient systems in Charles County needed to be supplemented with additional research in order to perform the Source Water Assessment for the county. Using this information, it was determined that one hundred thirty seven of the wells were completed in confined

aquifers. After reviewing the nitrate data for the other wells, it was determined that all of the wells are confined. Information was found that at least one hundred and twenty four of the one hundred fifty one wells were completed after 1973, which is when the State adopted the well completion standards for wells.

HYDROGEOLOGY

Ground water flows through pores between gravel, sand, and silt grains in unconsolidated sedimentary aquifers such as those used by the transient non-community water systems in Charles County. An aquifer is any formation that is capable of yielding a significant amount of water. A confining unit is a layer generally composed of fine material such as clay and silt, which transmits relatively very little water. Confined aquifers are those formations that are overlain by a confining unit. Confined aquifers are recharged from the water stored in the confining unit above and from precipitation that infiltrates into the formation where it is exposed at the surface. Due to the depth and areal extent of the unconsolidated sediments in Southern Maryland, water stored in these aquifers is very old and the water pumped from wells in these aquifers has generally traveled great distances from its origin at the land surface. (DNR 1987)

Charles County lies within the Atlantic Coastal Plain physiographic province, which is characterized by low topography due to the underlying horizontal sedimentary layers. This province, which in Maryland includes roughly the area east of Interstate 95, is underlain by unconsolidated clastic sediments of Lower Cretaceous to recent age, which thicken to the southeast. In Charles County, the transient non-community system wells draw water from the Aquia aquifer, Magothy aquifer, the Patapsco aquifer and the Patuxent Aquifer. (DNR, 1987)

Aquia Aquifer (125B)

In Charles County, the top of the Aquia Formation ranges from eighty feet above sea level in the northwestern portions of the county to three hundred feet below sea level in the southeastern portions of the county. The formation consists of glauconitic medium to fine-grained sand with some interbedded layers of sandy or silty clay. Its color is greenish to dark gray and it is fossiliferous in places. The thickness of the Aquia Formation ranges from eighty to one hundred fifty feet and averages about one hundred and ten feet. Transmissivity values for the aquifer range from five hundred to six hundred sixty five feet squared per day. The Aquia Formation is overlain by the Marlboro Clay, which functions hydrologically as a confining layer. (MDE, 2004)

Magothy Aquifer (211D)

The Magothy Formation dips southeastward at twenty eight to thirty feet per mile. The top of the formation ranges from one hundred feet below sea level northwest of Waldorf to six hundred feet below sea level near Benedict. The Magothy Formation consists of medium to coarse-grained quartz sand with some associated silty clay. The sand ranges in color from light gray to blue or pink. Some dark minerals and lignitic material give it a salt and pepper appearance. It thins eastward and is about thirty feet thick at Chalk Point. The average thickness of the Magothy Formation in Charles County

is estimated to be about forty feet. The transmissivity of the Magothy aquifer ranges from less than one hundred feet squared per day near the edge of the aquifer's extent to four thousand feet squared per day in the eastern part of the county. The Magothy is overlain by a layer of dark clay of the Mattawan Formation. (MDE, 2004)

Patapsco Aquifer (217D)

The Patapsco Formation is divided into the upper and lower Patapsco aquifers. A confining layer of low permeable clay separates the two. The upper Patapsco aquifer is very silty and clayey with interbedded thin sands, and is not used much as a source of water, except in the Waldorf area. The lower Patapsco aquifer is composed of alternating layers of fine to coarse, light gray and brown sand, and tough clay. The depth to the top of the aquifer ranges from sixty eight feet below sea level at Indian Head to more than one thousand three hundred feet below sea level in the eastern part of Charles County. Aquifer thickness ranges from approximately sixty feet at Indian Head to more than one hundred fifty feet in north-central Charles County. (MDE, 2004)

Patuxent Aquifer (217F)

The Patuxent Formation is the deepest aquifer in Charles County. The top of the aquifer varies in depth from about four hundred feet below sea level at Indian Head to about one thousand eight hundred feet in eastern Charles County. The Patuxent Formation is overlain by the Arundel Clay. The Arundel Clay is a dense reddish-brown low permeability clay, interbedded with thin layers of sand. (MDE, 2004)

WATER QUALITY DATA

Water quality data was reviewed from the Water Supply Program's database for Safe Drinking Water Act (SDWA) contaminants. All data reported is from the water supplied to consumers. Thirty nine of the Charles County Transient Systems are known to have some type of water treatment. Table 2 summarizes the treatment methods and the reason for that treatment. Twenty four of the systems use disinfection. If coliforms are not present in the finished water for the other one hundred fourteen systems, this data can be used to evaluate ground water or source water quality. A review of the monitoring data shows that there is some microbiological contamination. An explanation of the causes are explained in the susceptibility analysis.

Nitrogen compounds

Water quality data indicates that the nitrate levels for all of these one hundred thirty eight systems are <50% of the SDWA maximum contaminate level (MCL) standards (Table 3).

None of the systems had nitrite results that exceeded 50% of the MCL of 1 ppm for nitrite.

Microbiological Contaminants

All of the transient water suppliers are routinely sampled for microbiological contamination (total coliform analysis). If this routine sample is positive, the sample is also analyzed for fecal coliform and repeat samples are required within twenty-four hours or as soon as possible. This bacteriological sampling is required by the SDWA. Table 4 summarizes the results of the coliform monitoring carried out for each system since 1996. Fifty one of the systems have never had a positive bacteriological sample. Fifty one systems have had more than twenty-five percent of their bacteriological samples come back positive since 1996. One of the systems had two positive fecal coliform samples.

SUSCEPTIBILITY ANALYSIS

Wells serving the Charles County Transient Water Systems all draw their water from wells in unconsolidated sedimentary aquifers. All of these wells are completed in confined aquifers. The wells drawing from confined aquifers are protected, if the well is maintained and constructed correctly, and are not susceptible to contamination from surface activity.

Inorganic Compounds

None of the systems are susceptible to nitrogen contamination. There are no significant nitrate results for any of the one hundred thirty eight systems. Since all of the systems use wells completed in confined aquifers, there shouldn't be any nitrate results greater than 1 ppm. A review of Table 3 shows that some systems did have sample results greater than 1 ppm. Most of the systems that do have samples greater than 1 ppm only have one sample result greater than 1 ppm. These results are most likely a result of some type of lab, sample collection or data entry error.

Cobb Island Citizens Association had two nitrate sample results greater than 1 ppm, one sample was taken in 1999 and the other sample was taken in 2000. They drilled a new well in 2000 and no nitrate results have been over 1ppm since 2000.

Proctors Inn has had six nitrate sample results greater than 1 ppm. The Inn drilled a new well in October of 2004. Nitrate has not been detected in the two sample results taken since the new well was drilled.

Volatile Organic Compounds

The only systems that have been sampled for volatile organic compounds are Southern MD Criminal Justice Academy, Nanjemoy Community Center and Melwood Horitcultural Training Center. There were no volatile organic compounds detected in these samples other than trace quantities of chloroform, which is formed by chlorine reacting with natural organic matter. The test results are shown in Table 5.

Microbiological Contaminants

As stated earlier in this report, Charles County's unconsolidated sediments, and soil, provide protection from microbiological contamination as water percolates through the overlying soil and aquifer sediments. Most, if not all, of the microbiological contamination of unconsolidated wells comes from either well construction problems or contamination of the well water with bacteria in either the treatment or distribution.

Well construction problems can be caused from improper completion of the well by the well driller, but are mostly caused by vehicles, or lawnmowers, hitting unprotected wells. Common problems include cracked or broken well casings, and well caps. Pitless adaptors and the grouting can also be damaged during well accidents. Wells constructed in pits or low areas that are subject to flooding should be inspected and sampled to ensure their integrity. Waterproof caps are also available to be installed on wells drilled in areas prone to flooding.

All of these construction deficiencies can allow surface water containing microbiological contaminants to enter a well. Two-piece insect proof caps should be installed on all wells to prevent insects from entering the wellhead, which can cause bacterial problems.

Contaminating clean well water with coliform is very easy. Ion-exchange units, and cartridge filters can harbor bacteria that will cause positive bacterial samples. Storage or a distribution problem or repair can also introduce coliform into the system. Correctly disinfecting the water system is very important after pulling a well pump or completing improvements to the distribution system. Dead ends in the water distribution can also cause bacterial problems.

Confined Wells with > 25% Positive Bacterial Results:

If there are no well construction problems with a well drawing from a confined aquifer, the supply should be safe from microbiological contamination. A review of Table 4 indicates that at least fifty one of the one hundred thirty eight confined systems have had at least one positive total coliform sample in the past eight years.

Any confined water system where >25% of their water samples are positive for bacteria should have their wellhead inspected. This inspection should focus on eliminating any ways that insects or surface water could enter the wellhead. All water systems should also inspect their distribution systems to insure that drinking water is not contaminated through distribution deficiencies. These may include dead ends, cross connections, inadequate backflow prevention and static water in pipes.

SUMMARY AND RECOMMENDATIONS FOR PROTECTING WATER SUPPLIES

Key Findings:

This report identified transient water supplies in Charles County as being more likely to be contaminated by microbiological contaminants than nitrate or nitrite nitrogen. Sources of microbiological contamination, however, are not believed to be related to ground water contamination, but rather the maintenance of the integrity of the individual water supply system. The recommendations that immediately follow are a result of these key findings.

Recommendations for Individual Water System Owners

- The sanitary integrity of the water supply system must be maintained. Sanitary defects noted in county sanitary surveys should be corrected. All work on the water system should be performed in a sanitary manner and followed with a one-time disinfection.
- Coliform testing results are a good indication if the sanitary integrity of the system has been affected. All positive results should be investigated to determine the cause of the positive tests. Corrective action should be taken to eliminate the source of the problem. Any sources with confirmed fecal contamination must be rehabilitated or abandoned.
- Installing new two-piece well caps is a good way to reduce potential contamination from insects. Caulking of the electrical conduit is needed to ensure a sanitary seal.
- Any wells in areas subject to flooding or just above grade should be sampled following significant rain events to demonstrate if they are sensitive to flooding impacts. If they are, a watertight model well cap should be installed.
- Water systems for seasonal facilities should be disinfected and flushed prior to the opening of a new season.
- Wells should be protected from damage by vehicles or other machinery. If a well is or was damaged, it should be repaired. All work on wells should be followed by disinfection to avoid contamination of the water supply.

Recommendations for County Officials

- Continue regular inspection, oversight and testing of transient noncommunity water systems. Ensure that systems correct the cause of positive bacterial test results.
- Test results show that some systems have a high percentage of positive results. Priority should be placed on those systems that have not corrected the root causes of past positive results.

Reference

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Otton, E. G., 1955, Ground-water resources of the southern Maryland Coastal Plain: Maryland Geological Survey Department of Geology, Mines and Water Resources Bulletin 15, 347 p.

Slaughter, T. H. and Laughlin, C. P., 1966, Records of wells and springs, chemical analyses, and selected well logs in Charles County, Maryland: Maryland Geological Survey Basic Data Report 2, 93 p.

Other Sources of Data

Water Appropriation and Use Permits
Calvert County Sanitary Survey Inspection Reports
MDE Water Supply Program (PDWIS) Database
MDE Waste Management Sites Database
Department of Natural Resources Digital Orthophoto Quarter Quadrangles
USGS Topographic 7.5 Minute Quadrangles

PWSID	System Name	Source #	Plant #	Use Code	Ground Water Appropriation	Aquifer Code	Aquifer Type	Well Tag #	Casing Depth	Total Depth
0080201	RELAX INN (LAFAYETTE MOTEL)	1	1	P	CH1982G003	125B	C	CH810152	336	390
1080004	SOUTHERN MD CRIMINAL JUSTICE ACADEMY	1	1	P	CH1985G003	217D	C	CH811136	468	489
1080020	MELWOOD HORTICULTURAL TRAINING CENTER	2	2	U		217D	C	CH730217	359	642
1080020	MELWOOD HORTICULTURAL TRAINING CENTER	1	1	P	CH1989G020	217D	C	CH880485	220	255
1080020	MELWOOD HORTICULTURAL TRAINING CENTER	3	1	P	CH1989G020	217D	C	CH943771	220	236
1080037	NANJEMOY COMMUNITY CENTER	1	1	P	CH1994G006	217D	C	CH930074	365	375
1081001	AMERICAN LEGION POST #238	1	1	P	CH1974G008	125B	C	CH730431	280	520
1081002	HEISMANS	1	1	P	CH2002G014	9999	C			
1081006	POTOMAC RIVER TRAVEL PLAZA/ AQUALAND	1	1	P	CH1959G006	217D	C	CH034825	275	369
1081008	THE GREENS WINE & SPIRITS	1	1	P	CH1970G002	125B	C	CH941171	370	390
1081009	BEL ALTON MOTEL	1	1	P	CH1966G012	217D	C	CH940825	420	518
1081012	FOREST PARK BAPTIST CHURCH	1	1	P	CH1984G011	211D	C	CH810956	420	615
1081013	BOWIES STORE	1	1	P	CH1976G001	217D	C	CH731014	204	375
1081014	BRYANTOWN MALL	1	1	P	CH1976G016	125B	C	CH731299	272	380
1081016	CAMP ST CHARLES WELL #1	2	1	P	CH1981G010	125B	C	CH942190	220	277
1081017	CAMP WINONA	1	1	P	CH1980G009	125B	C	CH060069	533	541
1081018	CAPTAIN BILLYS CRAB HOUSE	2	1	P	CH1959G008	125B	C	CH945835	235	265
1081019	CAPTAIN JOHNS CRABHOUSE	1	1	P	CH1963G004	125B	C	CH812045	225	260
1081020	GILLIGANS PIER	1	1	P	CH1992G020	125B	C	CH920181	210	260
1081022	COBB ISLAND MARKET	1	1	P	CH1968G210	125B	C	CH700017	253	268
1081023	COBB ISLAND VFD	1	1	P	CH1965G004	125B	C	CH731312	235	368
1081026	DANS STORE	1	1	P	CH1961G004	125B	C	CH941453	380	400
1081027	DASH IN GLYMONT	1	1	P		9999	C			
1081028	DIXONS COUNTRY MEATS	1	1	P		125B	C	CH731387	294	440
1081033	FRATERNAL ORDER OF POLICE LODGE #24	1	1	P	CH1983G008	125B	C	CH810440	300	382
1081036	GOOD SAMARITAN PRESBYTERIAN	1	1	P	CH1985G008	125B	C	CH811293	336	390
1081036	GOOD SAMARITAN PRESBYTERIAN	2	1	P		125B	C	CH941026	451	488
1081037	GOOSE BAY CAMP GROUND / MARINA	3	1	P	CH1969G007	217D	C	CH690072	126	150
1081037	GOOSE BAY CAMP GROUND / MARINA	1	1	P	CH1969G007	217D	C	CH710105	252	292
1081037	GOOSE BAY CAMP GROUND / MARINA	2	1	P	CH1969G007	217D	C	CH942207	420	476
1081038	GOSPEL UNION CHURCH	1	1	P		9999	C			
1081039	GALLENT GREEN BAR	1	1	P	CH1977G062	125B	C	CH731818	273	440
1081040	HARDESTYS RESTAURANT	1	1	P	CH1955G009	217D	C	CH941854	60	685
1081041	HAWTHORNE COUNTRY CLUB	1	1	P	CH1988G025	217D	C	CH880423	510	570

Table 1, Well Information for Charles County Transient Systems

PWSID	System Name	Source #	Plant #	Use Code	Ground Water Appropriation	Aquifer Code	Aquifer Type	Well Tag #	Casing Depth	Total Depth
1081042	HOLY GHOST CHURCH	1	1	P	CH1988G033	125B	C	CH880024	220	335
1081043	HOTEL CHARLES	1	1	P	CH1977G029	125B	C	CH731606	357	553
1081044	HUGHESVILLE BAPTIST CHURCH	1	1	P	CH1974G012	9999	C	CH880707		
1081045	HALFWAY LIQUORS	1	1	P	CH1979G030	217D	C	CH732498	349	532
1081046	IZAAK WALTON HALL / RANDYS RIBS	1	1	P	CH1980G023	125B	C	CH732703	335	470
1081047	JIMMYS CORNER STORE	1	1	P	CH1980G002	125B	C	CH732583	318	546
1081048	JOES GROCERIES AND LIQUORS	1	1	P	CH1976G002	217D	C	CH731030	336	361
1081049	JOHNSONS TAVERN	1	1	P	CH1987G003	125B	C	CH812229	370	460
1081050	LAPLATA BAPTIST CHURCH	1	1	P	CH1982G006	217D	C	CH810234	315	500
1081051	JOHNNY BOY RIBS & RESTAURANT	1	1	P	CH1990G026	217D	C	CH881153	500	640
1081052	LEES MARKET	1	1	P	CH1980G025	217D	C	CH732721	240	260
1081053	CAMP MERRICK	1	1	P	CH1987G026	217D	C	CH812728	412	427
1081053	CAMP MERRICK				CH1987G026	217D	C	CH944591	420	435
1081054	LONE STAR CAFE	1	1	P		9999	C			
1081056	MARBURY CHURCH OF GOD	1	1	P	CH1983G009	217D	C	CH810453	306	316
1081057	MATTAWOMAN RESTAURANT BBQ	1	1	P	CH1978G008	217D	C	CH731966	170	190
1081059	PISGAH UNITED METHODIST CHURCH	1	1	P	CH1985G013	217D	C	CH811521	400	680
1081063	MYRTLE GROVE WILDLIFE	1	1	P	CH1986G013	217D	C	CH811940	270	285
1081066	OAK GROVE BAPTIST CHURCH	1	1	P	CH1981G012	217D	C	CH941895	510	682
1081067	PENNYS TAVERN & BBQ PIT	1	1	P		217D	C	CH731479	272	380
1081069	PISGAH SEVENTH DAY ADVENTIST CHURCH	1	1	P	CH1984G012	217D	C	CH810977	311	520
1081072	PORT TOBACCO CAMP GROUND	2	1	P	CH1970G010	217D	C	CH943712	400	410
1081074	QUICK SHOP # 4	1	1	P	CH1980G010	125B	C	CH881003	405	555
1081076	RED TOP LIQUOR STORE/ DELI	1	1	P	CH1958G002	125B	C	CH941152	380	414
1081077	BETHEL BAPTIST/RIPLEY COMM CHURCH	1	1	P	CH1978G023	217D	C	CH732195	319	449
1081078	ROBERTSONS CRABHOUSE	1	1	P	CH1960G006	217D	C	CH039824	550	551
1081080	LINDAS GENERAL STORE	1	1	P		9999	C			
1081081	SCOOTERS PLACE	1	1	P	CH1955G002	125B	C	CH018531	104	105
1081082	SHYMANSKYS RESTAURANT & MARINA	2	1	P	CH1978G020	125B	C	CH944837	225	260
1081083	SIMPSONS CORNER STORE	1	1	P	CH1981G017	9999	C			
1081084	SMALLWOOD STATE PARK WELL # 1	1	1	P	CH1966G006	217D	C	CH880494	190	200
1081085	ST INIGOES YOUTH CENTER	1	1	P		9999	C	CH810129		
1081086	GOLDSMITHS COUNTRY STORE	1	1	P	CH1999G015	125B	C	CH943074	315	335
1081089	TWINN KISS/ RANDYS RIBS II	1	1	P	CH1967G005	217D	C	CH810519	395	640

Table 1 (Continued), Well Information for Charles County Transient Systems

PWSID	System Name	Source #	Plant #	Use Code	Ground Water Appropriation	Aquifer Code	Aquifer Type	Well Tag #	Casing Depth	Total Depth
1081090	VFW POST #10081	1	1	P	CH1959G004	217D	C	CH034388	328	770
1081090	VFW POST #10081	2	1	P	CH1959G004	217D	C	CH945804	310	345
1081091	WACS HUGHES LODGE /ELKS # 1053	1	1	P	CH1978G004	125B	C	CH943518	415	435
1081092	APEHANGERS	1	1	P	CH1980G003	125B	C	CH732585	315	425
1081093	WHEELERS RESTAURANT	1	1	P	CH1981G008	125B	C	CH732926	319	390
1081094	WHITE HOUSE MOTEL	1	1	P		9999	C			
1081095	WELCOME CENTER (NEWBURG)	1	1	P	CH1989G019	125B	C	CH880725	315	382
1081096	BEE HIVE MASONIC LODGE # 66	1	1	P	CH1978G007	217D	C	CH731962	267	278
1081097	BUNKER HILL INN	1	1	P	CH1977G077	217D	C	CH731845	318	378
1081099	GILBERT RUN PARK	1	1	P	CH1974G001	217D	C	CH700064	365	618
1081100	HUNTS CORNER TAVERN	1	1	P	CH1978G013	217D	C	CH732046	280	495
1081101	JOHNNYS INN	1	1	P	CH1977G057	217D	C	CH941395	420	611
1081103	PALADORE STORE & CLUB	1	1	P	CH1981G025	217F	C	CH810081	380	673
1081106	GOOD TIMES RESTAURANT & BAR	1	1	P	CH1956G004	217D	C	CH025006	568	840
1081107	SOUTHERN MARYLAND YOUTH ORGANIZATION	1	1	P	CH1987G020	217D	C	CH812612	420	495
1081108	ST CATHERINE OF ALEXANDRIA CHURCH	1	1	P	CH2002G015	217D	C	CH944731	550	940
1081109	ST CATHERINES CHURCH HALL	1	1	P		217D	C	CH730073	302	363
1081110	ST IGNATIUS HILLTOP CHURCH	2	1	P	CH1976G015	217D	C	CH731234	253	550
1081111	ST JOSEPHS CATHOLIC CHURCH	2	1	P	CH1971G012	217D	C	CH710086	440	460
1081111	ST JOSEPHS CATHOLIC CHURCH	1	1	P	CH1971G012	217D	C	CH811024	400	440
1081112	SMALLWOOD STATE PARK WELL # 5	1	1	P		217D	C	CH881982	400	545
1081114	WALDORF MOOSE LODGE # 1709	1	1	P	CH1979G019	217D	C	CH880762	385	393
1081116	ALLENS ACRES	1	1	P	CH1992G014	125B	C	CH920225	470	530
1081118	BEL ALTON VFD	1	1	P	CH1993G010	125B	C	CH920836	340	410
1081122	CHARLES CO. FAIRGROUNDS INC	2	1	P	CH1966G001	217D	C	CH660014	615	621
1081122	CHARLES CO. FAIRGROUNDS INC	3	1	P	CH1966G001	217D	C	CH810213	315	696
1081122	CHARLES CO. FAIRGROUNDS INC	1	1	P	CH1966G001	217D	C	CH940341	500	697
1081123	CHURCH OF LATTER DAY SAINTS	1	1	P	CH1975G006	217D	C	CH944012	367	397
1081124	COBB ISLAND CITIZENS ASSOCIATION	2	1	P	CH1980G028	125B	C	CH943728	227	265
1081125	DURHAM EPISCOPAL CHURCH	1	1	P	CH1994G013	217D	C	CH930119	415	430
1081129	GRAY BROTHERS GROCERY STORE	2	1	P	CH2003G006	217D	C	CH945157	212	235
1081133	HUGHESVILLE SHELTER/ ANGEL WATCH	1	1	P	CH2001G018	125B	C	CH944373	420	550
1081134	IRONSIDE STORE	1	1	P	CH1977G018	217D	C	CH731799	312	322
1081135	FISH TALES BAR & GRILL	1	1	P		9999	C			

Table 1 (Continued), Well Information for Charles County Transient Systems

PWSID	System Name	Source #	Plant #	Use Code	Ground Water Appropriation	Aquifer Code	Aquifer Type	Well Tag #	Casing Depth	Total Depth
1081136	LAMONTS NIGHT CLUB	1	1	P	CH1984G001	217D	C	CH810751	339	380
1081137	LAUREL SPRINGS	1	1	P	CH1986G005	217F	C	CH811987	444	475
1081139	CAPTAIN PELLS/JIMMIES PADDOCK	1	1	P	CH2002G016	217D	C	CH944733	380	405
1081141	LOYOLA RETREAT HOUSE				CH1957G001	217D	C	CH032985	355	990
1081141	LOYOLA RETREAT HOUSE	1	1	P	CH1957G001	217D	C	CH943191	395	415
1081142	MARBURY BAPTIST CHURCH	1	1	P	CH1983G011	217D	C	CH810441	250	273
1081143	MARSH HALL SEAFOOD	1	1	P	CH1976G029	125B	C	CH731368	169	352
1081145	MURPHYS STORE/DEXTERS BBQ PIT	1	1	P	CH1976G013	217D	C	CH940760	220	235
1081146	NORRIS & SON SEAFOOD	1	1	P		125B	C	CH810224	245	255
1081149	PROCTORS INN	1	1	P		9999	C			
1081149	PROCTORS INN		1	P	CH1978G005	211D	C	CH946193	371	400
1081154	ST IGNATIUS CHURCH/ST THOMAS MANOR	1	1	P		9999	C			
1081156	TENTH DISTRICT VFD	1	1	P	CH1991G072	217F	C	CH920552	560	780
1081157	WAYSIDE STORE	1	1	P	CH1983G023	217D	C	CH810672	255	320
1081160	WILLING HELPERS SOCIETY	1	1	P	CH1981G011	217D	C	CH732933	320	465
1081162	WHITE PLAINS PARK-CONCESSION	1	1	P	CH1980G019	211D	C	CH811986	444	489
1081163	CHICAMUXEN UM CHURCH	1	1	P	CH1981G001	217D	C	CH732876	284	369
1081164	BEANTOWN DASH IN	1	1	P	CH1989G100	211D	C	CH881178	420	440
1081165	THOMAS STONE NATIONAL HISTORIC SITE	1	1	P	CH1994G015	217D	C	CH940054	415	445
1081166	OAK RIDGE PARK	1	1	P	CH1994G008	125B	C	CH930090	420	505
1081167	STETHEM PARK	1	1	P	CH1994G007	211D	C	CH930091	395	450
1081169	SARTIKS/ T & JS BBQ PIT	1	1	P	CH1982G008	217D	C	CH940062	385	397
1081171	AMERICAN LEGION # 170	1	1	P	CH1976G030	217D	C	CH942961	420	465
1081172	BLUE DOG SALOON	1	1	P	CH1979G037	217D	C	CH732545	315	494
1081174	GRINDERS LIQUORS	1	1	P	CH1996G009	217D	C	CH940687	200	212
1081177	ST CHARLES CHURCH OF NAZARENE	1	1	P	CH1987G018	211D	C	CH881046	420	491
1081178	TRINITY EPISCOPAL CHURCH	1	1	P	CH1989G040	125B	C	CH880691	420	487
1081179	DOCS CRABHOUSE/ BIG B LIQUORS/ DOMINOS	1	1	P	CH2002G001	217F	C	CH944410	440	650
1081180	CHRIST CHURCH WAYSIDE	1	1	P	CH1966G002	217D	C	CH920076	420	575
1081182	SMALLWOOD STATE PARK WELL # 3	1	1	P	CH1966G006	217D	C	CH730357	227	301
1081183	SMALLWOOD STATE PARK WELL # 4	1	1	P	CH1966G006	217D	C	CH930183	230	240
1081185	SMALLWOOD STATE PARK WELL # 7	1	1	P		9999	C			
1081186	SMALLWOOD STATE PARK WELL # 8	1	1	P	CH1966G006	217D	C	CH881524	255	265
1081188	POTOMAC BRANCH LIBRARY	1	1	P	CH1991G029	217F	C	CH940808	460	630

Table 1 (Continued), Well Information for Charles County Transient Systems

PWSID	System Name	Source #	Plant #	Use Code	Ground Water Appropriation	Aquifer Code	Aquifer Type	Well Tag #	Casing Depth	Total Depth
1081189	SMALLWOOD STATE PARK WELL #10	1	1	P	CH1966G006	217D	C	CH920142	372	387
1081190	LAPLATA S.H.A.	1	1	P	CH1982G015	217D	C	CH810361	504	595
1081191	PARKER FARMS MIGRANT CAMP 3	1	1	P		9999	C			
1081192	CITRUS CAFE	1	1	P	CH1995G012	217F	C	CH940291	465	647
1081193	SHADY OAKS OF SERENITY	1	1	P		125B	C	CH811130	420	480
1081195	DASH IN FOOD STORE	1	1	P	CH1997G019	217D	C	CH941655	400	490
1081196	IZAAK WALTON LEAGUE	1	1	P	CH1999G002	211D	C	CH942829	511	601
1081197	NEW LIFE WESLYAN CHURCH	1	1	P	CH1994G043	217D	C	CH940777	439	480
1081198	CALVARY GRACE ASSEMBLY	1	1	P	CH1991G047	125B	C	CH881732	380	415
1081200	WAWA INC	1	1	P	CH2000G019	217D	C	CH944349	515	1120
1081201	MELWOOD HORT. CENTER OFFICE/ BATHHOUSE	1	1	P		9999	C			
1081202	CAMP ST. CHARLES WELL #2	1	1	P	CH1981G010	125B	C	CH810736	240	280
1081204	CHURCH OF THE LORDS DISCIPLES	2	1	U		9999	C	CH810019		
1081204	CHURCH OF THE LORDS DISCIPLES	1	1	P	CH1983G010	125B	C	CH811685	440	535
1081206	BYRD J. RABY / ROBIN'S NEST DAYCARE	1	1	P		9999	C			

Table 1 (Continued), Well Information for Charles County Transient Systems

Aquifer Code	Aquifer Name
125B	Aquia
211D	Magothy
217D	Patapsco
217F	Patuxent
9999	Unknown

PWSID	System Name	Plant ID	Known Treatment Methods	Reason for Treatment
1081116	ALLENS ACRES	1	No Treatment	None
1081171	AMERICAN LEGION # 170	1	No Treatment	None
1081001	AMERICAN LEGION POST #238	1	No Treatment	None
1081092	APEHANGERS	1	No Treatment	None
1081164	BEANTOWN DASH IN	1	No Treatment	None
1081096	BEE HIVE MASONIC LODGE # 66	1	Cartridge Filter	Iron Removal
1081009	BEL ALTON MOTEL	1	No Treatment	None
1081118	BEL ALTON VFD	1	No Treatment	None
1081077	BETHEL BAPTIST/RIPLEY COMM CHURCH	1	No Treatment	None
1081172	BLUE DOG SALOON	1	No Treatment	None
1081013	BOWIES STORE	1	No Treatment	None
1081014	BRYANTOWN MALL	1	No Treatment	None
1081097	BUNKER HILL INN	1	No Treatment	None
1081206	BYRD J. RABY / ROBIN'S NEST DAYCARE	1	No Treatment	None
1081198	CALVARY GRACE ASSEMBLY	1	No Treatment	None
1081053	CAMP MERRICK	1	Ion Exchange	Softening
1081053	CAMP MERRICK	1	Cartridge Filter	Iron Removal
1081053	CAMP MERRICK	1	Ultraviolet Radiation	Disinfection
1081016	CAMP ST CHARLES WELL #1	1	No Treatment	None
1081017	CAMP WINONA	1	No Treatment	None
1081018	CAPTAIN BILLYS CRAB HOUSE	1	No Treatment	None
1081019	CAPTAIN JOHNS CRABHOUSE	1	No Treatment	None
1081139	CAPTAIN PELLS/JIMMIES PADDOCK	1	No Treatment	None
1081122	CHARLES CO. FAIRGROUNDS INC	1	Post Hypochlorination	Disinfection
1081163	CHICAMUXEN UM CHURCH	1	No Treatment	None
1081180	CHRIST CHURCH WAYSIDE	1	Post Hypochlorination	Disinfection
1081123	CHURCH OF LATTER DAY SAINTS	1	Ion Exchange	Softening
1081204	CHURCH OF THE LORDS DISCIPLES	1	No Treatment	None
1081192	CITRUS CAFE	1	Post Gaseous Chlorination	Disinfection
1081124	COBB ISLAND CITIZENS ASSOCIATION	1	No Treatment	None
1081022	COBB ISLAND MARKET	1	No Treatment	None
1081023	COBB ISLAND VFD	1	No Treatment	None
1081026	DANS STORE	1	Cartridge Filter	Particulate Removal
1081026	DANS STORE	1	Cartridge Filter	Iron Removal
1081195	DASH IN FOOD STORE	1	Cartridge Filter	Particulate Removal
1081027	DASH IN GLYMONT	1	Ion Exchange	Softening
1081028	DIXONS COUNTRY MEATS	1	No Treatment	None
1081179	DOCS CRABHOUSE/ BIG B LIQUORS/ DOMINOS	1	No Treatment	None

Table 2, Known treatment methods for Charles County transient systems.

PWSID	System Name	Plant ID	Known Treatment Methods	Reason for Treatment
1081125	DURHAM EPISCOPAL CHURCH	1	Ion Exchange	Softening
1081135	FISH TALES BAR & GRILL	1	No Treatment	None
1081012	FOREST PARK BAPTIST CHURCH	1	Cartridge Filter	Particulate Removal
1081033	FRATERNAL ORDER OF POLICE LODGE #24	1	Post Hypochlorination	Disinfection
1081039	GALLENT GREEN BAR	1	No Treatment	None
1081099	GILBERT RUN PARK	1	Post Hypochlorination	Disinfection
1081020	GILLIGANS PIER	1	No Treatment	None
1081086	GOLDSMITHS COUNTRY STORE	1	No Treatment	None
1081036	GOOD SAMARITAN PRESBYTERIAN	1	No Treatment	None
1081106	GOOD TIMES RESTAURANT & BAR	1	No Treatment	None
1081037	GOOSE BAY CAMP GROUND / MARINA	1	No Treatment	None
1081038	GOSPEL UNION CHURCH	1	Ion Exchange	Softening
1081038	GOSPEL UNION CHURCH	1	Cartridge Filter	Iron Removal
1081129	GRAY BROTHERS GROCERY STORE	1	No Treatment	None
1081174	GRINDERS LIQUORS	1	No Treatment	None
1081045	HALFWAY LIQUORS	1	No Treatment	None
1081040	HARDESTYS RESTAURANT	1	Cartridge Filter	Particulate Removal
1081041	HAWTHORNE COUNTRY CLUB	1	No Treatment	None
1081002	HEISMANS	1	No Treatment	None
1081042	HOLY GHOST CHURCH	1	No Treatment	None
1081043	HOTEL CHARLES	1	No Treatment	None
1081044	HUGHESVILLE BAPTIST CHURCH	1	No Treatment	None
1081133	HUGHESVILLE SHELTER/ ANGEL WATCH	1	No Treatment	None
1081100	HUNTS CORNER TAVERN	1	Ion Exchange	Softening
1081134	IRONSIDE STORE	1	No Treatment	None
1081046	IZAAK WALTON HALL / RANDYS RIBS	1	No Treatment	None
1081196	IZAAK WALTON LEAGUE	1	No Treatment	None
1081047	JIMMYS CORNER STORE	1	No Treatment	None
1081048	JOES GROCERIES AND LIQUORS	1	No Treatment	None
1081051	JOHNNY BOY RIBS & RESTAURANT	1	No Treatment	None
1081101	JOHNNYS INN	1	No Treatment	None
1081049	JOHNSONS TAVERN	1	No Treatment	None
1081136	LAMONTS NIGHT CLUB	1	No Treatment	None
1081050	LAPLATA BAPTIST CHURCH	1	No Treatment	None
1081190	LAPLATA S.H.A.	1	Post Gaseous Chlorination	Disinfection
1081137	LAUREL SPRINGS	1	Post Hypochlorination	Disinfection
1081052	LEES MARKET	1	No Treatment	None
1081080	LINDAS GENERAL STORE	1	No Treatment	None

Table 2 (Continued), Known treatment methods for Charles County transient systems.

PWSID	System Name	Plant ID	Known Treatment Methods	Reason for Treatment
1081054	LONE STAR CAFE	1	Cartridge Filter	Iron Removal
1081141	LOYOLA RETREAT HOUSE	1	No Treatment	None
1081142	MARBURY BAPTIST CHURCH	1	No Treatment	None
1081056	MARBURY CHURCH OF GOD	1	No Treatment	None
1081143	MARSH HALL SEAFOOD	1	No Treatment	None
1081057	MATTAWOMAN RESTAURANT BBQ	1	No Treatment	None
1081201	MELWOOD HORT. CENTER OFFICE/ BATHHOUSE	1	Post Hypochlorination	Disinfection
1080020	MELWOOD HORTICULTURAL TRAINING CENTER	1	Post Hypochlorination	Disinfection
1081145	MURPHYS STORE/DEXTERS BBQ PIT	1	No Treatment	None
1081063	MYRTLE GROVE WILDLIFE	1	Ultraviolet Radiation	Disinfection
1080037	NANJEMOY COMMUNITY CENTER	1	Post Hypochlorination	Disinfection
1081197	NEW LIFE WESLYAN CHURCH	1	No Treatment	None
1081146	NORRIS & SON SEAFOOD	1	Post Hypochlorination	Disinfection
1081066	OAK GROVE BAPTIST CHURCH	1	No Treatment	None
1081166	OAK RIDGE PARK	1	Post Hypochlorination	Disinfection
1081103	PALADORE STORE & CLUB	1	No Treatment	None
1081067	PENNYS TAVERN & BBQ PIT	1	No Treatment	None
1081069	PISGAH SEVENTH DAY ADVENTIST CHURCH	1	No Treatment	None
1081059	PISGAH UNITED METHODIST CHURCH	1	No Treatment	None
1081072	PORT TOBACCO CAMP GROUND	1	No Treatment	None
1081188	POTOMAC BRANCH LIBRARY	1	Post Hypochlorination	Disinfection
1081006	POTOMAC RIVER TRAVEL PLAZA/ AQUALAND	1	Post Hypochlorination	Disinfection
1081149	PROCTORS INN	1	No Treatment	None
1081074	QUICK SHOP # 4	1	No Treatment	None
1081076	RED TOP LIQUOR STORE/ DELI	1	No Treatment	None
0080201	RELAX INN (LAFAYETTE MOTEL)	1	No Treatment	None
1081078	ROBERTSONS CRABHOUSE	1	No Treatment	None
1081169	SARTIKS/ T & JS BBQ PIT	1	No Treatment	None
1081081	SCOOTERS PLACE	1	No Treatment	None
1081193	SHADY OAKS OF SERENITY	1	No Treatment	None
1081082	SHYMANSKYS RESTAURANT & MARINA	1	No Treatment	None
1081083	SIMPSONS CORNER STORE	1	No Treatment	None
1081084	SMALLWOOD STATE PARK WELL # 1	1	No Treatment	None
1081182	SMALLWOOD STATE PARK WELL # 3	1	No Treatment	None
1081183	SMALLWOOD STATE PARK WELL # 4	1	Post Hypochlorination	Disinfection
1081112	SMALLWOOD STATE PARK WELL # 5	1	Post Hypochlorination	Disinfection
1081185	SMALLWOOD STATE PARK WELL # 7	1	Post Hypochlorination	Disinfection
1081186	SMALLWOOD STATE PARK WELL # 8	1	No Treatment	None

Table 2 (Continued), Known treatment methods for Charles County transient systems.

PWSID	System Name	Plant ID	Known Treatment Methods	Reason for Treatment
1081189	SMALLWOOD STATE PARK WELL #10	1	No Treatment	None
1081107	SOUTHERN MARYLAND YOUTH ORGANIZATION	1	No Treatment	None
1080004	SOUTHERN MD CRIMINAL JUSTICE ACADEMY	1	Post Hypochlorination	Disinfection
1081108	ST CATHERINE OF ALEXANDRIA CHURCH	1	No Treatment	None
1081109	ST CATHERINES CHURCH HALL	1	No Treatment	None
1081177	ST CHARLES CHURCH OF NAZARENE	1	Sedimentation	Particulate Removal
1081154	ST IGNATIUS CHURCH/ST THOMAS MANOR	1	Ion Exchange	Softening
1081154	ST IGNATIUS CHURCH/ST THOMAS MANOR	1	Post Hypochlorination	Disinfection
1081110	ST IGNATIUS HILLTOP CHURCH	1	Ion Exchange	Softening
1081085	ST INIGOES YOUTH CENTER	1	No Treatment	None
1081111	ST JOSEPHS CATHOLIC CHURCH	1	No Treatment	None
1081167	STETHEM PARK	1	Post Hypochlorination	Disinfection
1081156	TENTH DISTRICT VFD	1	No Treatment	None
1081008	THE GREENS WINE & SPIRITS	1	No Treatment	None
1081165	THOMAS STONE NATIONAL HISTORIC SITE	1	Post Hypochlorination	Disinfection
1081178	TRINITY EPISCOPAL CHURCH	1	No Treatment	None
1081089	TWINN KISS/ RANDYS RIBS II	1	Cartridge Filter	Particulate Removal
1081090	VFW POST #10081	1	No Treatment	None
1081091	WACS HUGHES LODGE /ELKS # 1053	1	No Treatment	None
1081114	WALDORF MOOSE LODGE # 1709	1	No Treatment	None
1081200	WAWA INC	1	Cartridge Filter	Particulate Removal
1081157	WAYSIDE STORE	1	No Treatment	None
1081095	WELCOME CENTER (NEWBURG)	1	No Treatment	None
1081093	WHEELERS RESTAURANT	1	No Treatment	None
1081094	WHITE HOUSE MOTEL	1	No Treatment	None
1081162	WHITE PLAINS PARK-CONCESSION	1	Post Hypochlorination	Disinfection
1081160	WILLING HELPERS SOCIETY	1	No Treatment	None

Table 2 (Continued), Known treatment methods for Charles County transient systems.

PWSID	System Name	Total # of Nitrate Samples	Number of Nitrate Samples		Total # of Nitrite Samples	Number of Nitrite Samples >50% MCL
			>1 ppm	>50% MCL		
1081116	ALLENS ACRES	8	0	0	2	0
1081171	AMERICAN LEGION # 170	10	0	0	5	0
1081001	AMERICAN LEGION POST #238	11	0	0	5	0
1081092	APEHANGERS	7	1	0	3	0
1081164	BEANTOWN DASH IN	8	0	0	4	0
1081096	BEE HIVE MASONIC LODGE # 66	10	0	0	4	0
1081009	BEL ALTON MOTEL	7	0	0	4	0
1081118	BEL ALTON VFD	7	0	0	3	0
1081077	BETHEL BAPTIST/RIPLEY COMM CHURCH	7	0	0	2	0
1081172	BLUE DOG SALOON	8	0	0	4	0
1081013	BOWIES STORE	9	0	0	5	0
1081014	BRYANTOWN MALL	6	0	0	3	0
1081097	BUNKER HILL INN	8	0	0	2	0
1081198	CALVARY GRACE ASSEMBLY	5	0	0	1	0
1081053	CAMP MERRICK	10	0	0	3	0
1081016	CAMP ST CHARLES WELL #1	19	0	0	10	0
1081202	CAMP ST. CHARLES WELL #2	4	0	0	1	0
1081017	CAMP WINONA	8	0	0	1	0
1081018	CAPTAIN BILLYS CRAB HOUSE	8	0	0	4	0
1081019	CAPTAIN JOHNS CRABHOUSE	7	0	0	3	0
1081139	CAPTAIN PELLS/JIMMIES PADDOCK	11	0	0	6	0
1081122	CHARLES CO. FAIRGROUNDS INC	8	1	0	2	0
1081163	CHICAMUXEN UM CHURCH	8	0	0	4	0
1081180	CHRIST CHURCH WAYSIDE	6	0	0	3	0
1081123	CHURCH OF LATTER DAY SAINTS	7	0	0	3	0
1081204	CHURCH OF THE LORDS DISCIPLES	7	0	0	2	0
1081192	CITRUS CAFE	6	0	0	1	0
1081124	COBB ISLAND CITIZENS ASSOCIATION	8	2	0	2	0
1081022	COBB ISLAND MARKET	8	0	0	4	0
1081023	COBB ISLAND VFD	7	0	0	4	0
1081026	DANS STORE	11	0	0	6	0
1081195	DASH IN FOOD STORE	4	0	0	1	0

Table 3. Total IOC water quality samples collected for transient systems.

PWSID	System Name	Total # of Nitrate Samples	Number of Nitrate Samples		Total # of Nitrite Samples	Number of Nitrite Samples >50% MCL
			>1 ppm	>50% MCL		
1081027	DASH IN GLYMONT	12	0	0	6	0
1081028	DIXONS COUNTRY MEATS	6	0	0	4	0
1081179	DOCS CRABHOUSE/ BIG B LIQUORS/ DOMINOS	7	0	0	3	0
1081125	DURHAM EPISCOPAL CHURCH	10	0	0	4	0
1081135	FISH TALES BAR & GRILL	9	0	0	2	0
1081012	FOREST PARK BAPTIST CHURCH	8	0	0	3	0
1081033	FRATERNAL ORDER OF POLICE LODGE #24	9	0	0	5	0
1081039	GALLENT GREEN BAR	9	0	0	4	0
1081099	GILBERT RUN PARK	14	0	0	4	0
1081020	GILLIGANS PIER	8	0	0	3	0
1081086	GOLDSMITHS COUNTRY STORE	9	0	0	4	0
1081036	GOOD SAMARITAN PRESBYTERIAN	4	0	0	3	0
1081106	GOOD TIMES RESTAURANT & BAR	11	0	0	4	0
1081037	GOOSE BAY CAMP GROUND / MARINA	10	0	0	3	0
1081038	GOSPEL UNION CHURCH	7	0	0	3	0
1081129	GRAY BROTHERS GROCERY STORE	10	0	0	4	0
1081174	GRINDERS LIQUORS	8	0	0	3	0
1081045	HALFWAY LIQUORS	11	0	0	8	0
1081040	HARDESTYS RESTAURANT	11	0	0	6	0
1081041	HAWTHORNE COUNTRY CLUB	9	0	0	3	0
1081002	HEISMANS	6	0	0	2	0
1081042	HOLY GHOST CHURCH	5	0	0	3	0
1081043	HOTEL CHARLES	6	0	0	2	0
1081044	HUGHESVILLE BAPTIST CHURCH	7	0	0	3	0
1081133	HUGHESVILLE SHELTER/ ANGEL WATCH	8	0	0	4	0
1081100	HUNTS CORNER TAVERN	8	0	0	3	0
1081134	IRONSIDE STORE	11	0	0	6	0
1081046	IZAAK WALTON HALL / RANDYS RIBS	8	0	0	4	0
1081196	IZAAK WALTON LEAGUE	4	0	0	1	0
1081047	JIMMYS CORNER STORE	9	0	0	4	0
1081048	JOES GROCERIES AND LIQUORS	9	0	0	3	0
1081051	JOHNNY BOY RIBS & RESTAURANT	14	0	0	6	0

Table 3 (Continued). Total IOC water quality samples collected for transient systems.

PWSID	System Name	Total # of Nitrate Samples	Number of Nitrate Samples		Total # of Nitrite Samples	Number of Nitrite Samples >50% MCL
			>1 ppm	>50% MCL		
1081101	JOHNNYS INN	10	0	0	4	0
1081049	JOHNSONS TAVERN	8	0	0	4	0
1081136	LAMONTS NIGHT CLUB	9	0	0	3	0
1081050	LAPLATA BAPTIST CHURCH	9	0	0	3	0
1081190	LAPLATA S.H.A.	8	0	0	1	0
1081137	LAUREL SPRINGS	15	0	0	4	0
1081052	LEES MARKET	9	0	0	5	0
1081080	LINDAS GENERAL STORE	8	0	0	2	0
1081054	LONE STAR CAFE	10	0	0	5	0
1081141	LOYOLA RETREAT HOUSE	8	0	0	3	0
1081142	MARBURY BAPTIST CHURCH	9	0	0	4	0
1081056	MARBURY CHURCH OF GOD	8	0	0	5	0
1081143	MARSH HALL SEAFOOD	9	0	0	4	0
1081057	MATTAWOMAN RESTAURANT BBQ	10	0	0	5	0
1081201	MELWOOD HORT. CENTER OFFICE/ BATHHOUSE	4	0	0	1	0
1080020	MELWOOD HORTICULTURAL TRAINING CENTER	24	0	0	3	0
1081145	MURPHYS STORE/DEXTERS BBQ PIT	8	0	0	3	0
1081063	MYRTLE GROVE WILDLIFE	9	0	0	4	0
1080037	NANJEMOY COMMUNITY CENTER	15	1	0	3	0
1081197	NEW LIFE WESLYAN CHURCH	4	0	0	1	0
1081146	NORRIS & SON SEAFOOD	7	0	0	3	0
1081066	OAK GROVE BAPTIST CHURCH	10	0	0	5	0
1081166	OAK RIDGE PARK	15	0	0	7	0
1081103	PALADORE STORE & CLUB	8	0	0	3	0
1081191	PARKER FARMS MIGRANT CAMP 3	7	0	0	2	0
1081067	PENNYS TAVERN & BBQ PIT	10	0	0	4	0
1081069	PISGAH SEVENTH DAY ADVENTIST CHURCH	15	0	0	6	0
1081059	PISGAH UNITED METHODIST CHURCH	6	0	0	3	0
1081072	PORT TOBACCO CAMP GROUND	8	0	0	3	0
1081188	POTOMAC BRANCH LIBRARY	13	0	0	4	0
1081006	POTOMAC RIVER TRAVEL PLAZA/ AQUALAND	14	0	0	5	0
1081149	PROCTORS INN	10	6	0	1	0

Table 3 (Continued). Total IOC water quality samples collected for transient systems.

PWSID	System Name	Total # of Nitrate Samples	Number of Nitrate Samples		Total # of Nitrite Samples	Number of Nitrite Samples >50% MCL
			>1 ppm	>50% MCL		
1081074	QUICK SHOP # 4	8	0	0	3	0
1081076	RED TOP LIQUOR STORE/ DELI	9	0	0	3	0
0080201	RELAX INN (LAFAYETTE MOTEL)	2	0	0	1	0
1081078	ROBERTSONS CRABHOUSE	8	0	0	4	0
1081169	SARTIKS/ T & JS BBQ PIT	7	0	0	4	0
1081081	SCOOTERS PLACE	9	0	0	4	0
1081193	SHADY OAKS OF SERENITY	4	0	0	1	0
1081082	SHYMANSKYS RESTAURANT & MARINA	11	0	0	4	0
1081083	SIMPSONS CORNER STORE	8	0	0	4	0
1081084	SMALLWOOD STATE PARK WELL # 1	8	0	0	4	0
1081182	SMALLWOOD STATE PARK WELL # 3	7	0	0	3	0
1081183	SMALLWOOD STATE PARK WELL # 4	8	0	0	4	0
1081112	SMALLWOOD STATE PARK WELL # 5	11	0	0	6	0
1081185	SMALLWOOD STATE PARK WELL # 7	7	0	0	5	0
1081186	SMALLWOOD STATE PARK WELL # 8	6	0	0	3	0
1081189	SMALLWOOD STATE PARK WELL #10	8	0	0	4	0
1081107	SOUTHERN MARYLAND YOUTH ORGANIZATION	9	0	0	3	0
1080004	SOUTHERN MD CRIMINAL JUSTICE ACADEMY	18	1	0	6	0
1081108	ST CATHERINE OF ALEXANDRIA CHURCH	8	1	0	1	0
1081109	ST CATHERINES CHURCH HALL	6	0	0	3	0
1081177	ST CHARLES CHURCH OF NAZARENE	8	0	0	4	0
1081154	ST IGNATIUS CHURCH/ST THOMAS MANOR	10	0	0	5	0
1081110	ST IGNATIUS HILLTOP CHURCH	8	0	0	4	0
1081085	ST INIGOES YOUTH CENTER	9	0	0	4	0
1081111	ST JOSEPHS CATHOLIC CHURCH	9	0	0	4	0
1081167	STETHEM PARK	14	0	0	3	0
1081156	TENTH DISTRICT VFD	11	0	0	5	0
1081008	THE GREENS WINE & SPIRITS	10	0	0	4	0
1081165	THOMAS STONE NATIONAL HISTORIC SITE	3	0	0	2	0
1081178	TRINITY EPISCOPAL CHURCH	11	0	0	6	0
1081089	TWINN KISS/ RANDYS RIBS II	8	0	0	4	0
1081090	VFW POST #10081	7	0	0	2	0

Table 3 (Continued). Total IOC water quality samples collected for transient systems.

PWSID	System Name	Total # of Nitrate Samples	Number of Nitrate Samples		Total # of Nitrite Samples	Number of Nitrite Samples >50% MCL
			>1 ppm	>50% MCL		
1081091	WACS HUGHES LODGE /ELKS # 1053	9	0	0	3	0
1081114	WALDORF MOOSE LODGE # 1709	8	0	0	3	0
1081200	WAWA INC	3	0	0	1	0
1081157	WAYSIDE STORE	8	0	0	5	0
1081095	WELCOME CENTER (NEWBURG)	8	0	0	3	0
1081093	WHEELERS RESTAURANT	8	0	0	3	0
1081094	WHITE HOUSE MOTEL	6	0	0	3	0
1081162	WHITE PLAINS PARK-CONCESSION	13	0	0	3	0
1081160	WILLING HELPERS SOCIETY	8	0	0	3	0

Table 3 (Continued). Total IOC water quality samples collected for transient systems.

PWSID	System Name	Total Number of Samples Taken	Number of Positive Bacti. Samples	Percentage of Total Samples Positive	Number of Postive Fecal Samples
1081116	ALLENS ACRES	7	0	0	0
1081171	AMERICAN LEGION # 170	16	1	6	0
1081001	AMERICAN LEGION POST #238	21	6	**29**	0
1081092	APEHANGERS	6	0	0	0
1081164	BEANTOWN DASH IN	54	21	**39**	0
1081096	BEE HIVE MASONIC LODGE # 66	61	23	**38**	0
1081009	BEL ALTON MOTEL	9	0	0	0
1081118	BEL ALTON VFD	9	0	0	0
1081077	BETHEL BAPTIST/RIPLEY COMM CHURCH	6	0	0	0
1081172	BLUE DOG SALOON	14	4	**29**	0
1081013	BOWIES STORE	10	0	0	0
1081014	BRYANTOWN MALL	12	1	8	0
1081097	BUNKER HILL INN	77	35	**46**	0
1081198	CALVARY GRACE ASSEMBLY	9	0	0	0
1081053	CAMP MERRICK	126	29	23	0
1081016	CAMP ST CHARLES WELL #1	88	47	**53**	0
1081202	CAMP ST. CHARLES WELL #2	3	0	0	0
1081017	CAMP WINONA	7	0	0	0
1081018	CAPTAIN BILLYS CRAB HOUSE	25	9	**36**	0
1081019	CAPTAIN JOHNS CRABHOUSE	8	0	0	0
1081139	CAPTAIN PELLS/JIMMIES PADDOCK	12	0	0	0
1081122	CHARLES CO. FAIRGROUNDS INC	37	8	22	0
1081163	CHICAMUXEN UM CHURCH	21	6	**29**	0
1081180	CHRIST CHURCH WAYSIDE	23	5	22	0
1081123	CHURCH OF LATTER DAY SAINTS	11	1	9	0
1081204	CHURCH OF THE LORDS DISCIPLES	16	5	**31**	0
1081192	CITRUS CAFE	4	0	0	0
1081124	COBB ISLAND CITIZENS ASSOCIATION	20	5	**25**	0
1081022	COBB ISLAND MARKET	8	0	0	0
1081023	COBB ISLAND VFD	17	2	12	0
1081026	DANS STORE	29	10	**35**	0
1081195	DASH IN FOOD STORE	3	0	0	0

Table 4, Routine and repeat bacteriological samples for each system since 1996.

PWSID	System Name	Total Number of Samples Taken	Number of Positive Bacti. Samples	Percentage of Total Samples Positive	Number of Postive Fecal Samples
1081027	DASH IN GLYMONT	29	5	17	0
1081028	DIXONS COUNTRY MEATS	6	0	0	0
1081179	DOCS CRABHOUSE/ BIG B LIQUORS/ DOMINOS	22	6	**27**	0
1081125	DURHAM EPISCOPAL CHURCH	18	2	11	0
1081135	FISH TALES BAR & GRILL	64	35	**55**	0
1081012	FOREST PARK BAPTIST CHURCH	15	5	**33**	0
1081033	FRATERNAL ORDER OF POLICE LODGE #24	9	1	11	0
1081039	GALLENT GREEN BAR	10	1	10	0
1081099	GILBERT RUN PARK	9	0	0	0
1081020	GILLIGANS PIER	29	6	21	0
1081086	GOLDSMITHS COUNTRY STORE	28	5	18	0
1081036	GOOD SAMARITAN PRESBYTERIAN	4	0	0	0
1081106	GOOD TIMES RESTAURANT & BAR	37	14	**38**	0
1081037	GOOSE BAY CAMP GROUND / MARINA	18	0	0	0
1081038	GOSPEL UNION CHURCH	6	0	0	0
1081129	GRAY BROTHERS GROCERY STORE	76	49	**65**	0
1081174	GRINDERS LIQUORS	8	0	0	0
1081045	HALFWAY LIQUORS	44	15	**34**	0
1081040	HARDESTYS RESTAURANT	13	0	0	0
1081041	HAWTHORNE COUNTRY CLUB	18	1	6	0
1081002	HEISMANS	25	11	**44**	0
1081042	HOLY GHOST CHURCH	13	5	**39**	0
1081043	HOTEL CHARLES	6	0	0	0
1081044	HUGHESVILLE BAPTIST CHURCH	8	0	0	0
1081133	HUGHESVILLE SHELTER/ ANGEL WATCH	11	1	9	0
1081100	HUNTS CORNER TAVERN	68	36	**53**	0
1081134	IRONSIDE STORE	11	0	0	0
1081046	IZAAK WALTON HALL / RANDYS RIBS	8	0	0	0
1081196	IZAAK WALTON LEAGUE	2	0	0	0
1081047	JIMMYS CORNER STORE	13	1	8	0
1081048	JOES GROCERIES AND LIQUORS	67	40	**60**	0
1081051	JOHNNY BOY RIBS & RESTAURANT	19	3	16	0

Table 4 (Continued), Routine and repeat bacteriological samples for each system since 1996.

PWSID	System Name	Total Number of Samples Taken	Number of Positive Bacti. Samples	Percentage of Total Samples Positive	Number of Postive Fecal Samples
1081101	JOHNNYS INN	31	17	**55**	0
1081049	JOHNSONS TAVERN	27	5	19	0
1081136	LAMONTS NIGHT CLUB	7	0	0	0
1081050	LAPLATA BAPTIST CHURCH	38	11	**29**	0
1081190	LAPLATA S.H.A.	6	1	17	0
1081137	LAUREL SPRINGS	7	0	0	0
1081052	LEES MARKET	9	0	0	0
1081080	LINDAS GENERAL STORE	33	9	**27**	0
1081054	LONE STAR CAFE	14	1	7	0
1081141	LOYOLA RETREAT HOUSE	8	1	13	0
1081142	MARBURY BAPTIST CHURCH	19	8	**42**	0
1081056	MARBURY CHURCH OF GOD	39	16	**41**	0
1081143	MARSH HALL SEAFOOD	16	3	19	0
1081057	MATTAWOMAN RESTAURANT BBQ	41	12	**29**	0
1081201	MELWOOD HORT. CENTER OFFICE/ BATHHOUSE	1	0	0	0
1080020	MELWOOD HORTICULTURAL TRAINING CENTER	8	0	0	0
1081145	MURPHYS STORE/DEXTERS BBQ PIT	7	0	0	0
1081063	MYRTLE GROVE WILDLIFE	67	27	**40**	0
1080037	NANJEMOY COMMUNITY CENTER	7	0	0	0
1081197	NEW LIFE WESLYAN CHURCH	3	0	0	0
1081146	NORRIS & SON SEAFOOD	4	0	0	0
1081066	OAK GROVE BAPTIST CHURCH	14	0	0	0
1081166	OAK RIDGE PARK	10	0	0	0
1081103	PALADORE STORE & CLUB	12	1	8	0
1081191	PARKER FARMS MIGRANT CAMP 3	46	21	**46**	0
1081067	PENNYS TAVERN & BBQ PIT	56	27	**48**	0
1081069	PISGAH SEVENTH DAY ADVENTIST CHURCH	45	5	11	0
1081059	PISGAH UNITED METHODIST CHURCH	55	35	**64**	0
1081072	PORT TOBACCO CAMP GROUND	16	1	6	0
1081188	POTOMAC BRANCH LIBRARY	6	0	0	0
1081006	POTOMAC RIVER TRAVEL PLAZA/ AQUALAND	88	46	**52**	0
1081149	PROCTORS INN	13	1	8	0

Table 4 (Continued), Routine and repeat bacteriological samples for each system since 1996.

PWSID	System Name	Total Number of Samples Taken	Number of Positive Bacti. Samples	Percentage of Total Samples Positive	Number of Postive Fecal Samples
1081074	QUICK SHOP # 4	18	5	**28**	0
1081076	RED TOP LIQUOR STORE/ DELI	36	18	**50**	0
80201	RELAX INN (LAFAYETTE MOTEL)	5	4	**80**	0
1081078	ROBERTSONS CRABHOUSE	8	0	0	0
1081169	SARTIKS/ T & JS BBQ PIT	17	4	24	0
1081081	SCOOTERS PLACE	36	18	**50**	0
1081193	SHADY OAKS OF SERENITY	3	0	0	0
1081082	SHYMANSKYS RESTAURANT & MARINA	9	1	11	0
1081083	SIMPSONS CORNER STORE	8	0	0	0
1081084	SMALLWOOD STATE PARK WELL # 1	16	2	13	0
1081182	SMALLWOOD STATE PARK WELL # 3	15	5	**33**	0
1081183	SMALLWOOD STATE PARK WELL # 4	20	8	**40**	0
1081112	SMALLWOOD STATE PARK WELL # 5	52	14	**27**	0
1081185	SMALLWOOD STATE PARK WELL # 7	19	7	**37**	0
1081186	SMALLWOOD STATE PARK WELL # 8	44	18	**41**	0
1081189	SMALLWOOD STATE PARK WELL #10	26	13	**50**	0
1081107	SOUTHERN MARYLAND YOUTH ORGANIZATION	25	7	**28**	0
1080004	SOUTHERN MD CRIMINAL JUSTICE ACADEMY	9	0	0	0
1081108	ST CATHERINE OF ALEXANDRIA CHURCH	11	1	9	**2**
1081109	ST CATHERINES CHURCH HALL	6	0	0	0
1081177	ST CHARLES CHURCH OF NAZARENE	8	0	0	0
1081154	ST IGNATIUS CHURCH/ST THOMAS MANOR	11	5	**46**	0
1081110	ST IGNATIUS HILLTOP CHURCH	25	6	24	0
1081085	ST INIGOES YOUTH CENTER	21	1	5	0
1081111	ST JOSEPHS CATHOLIC CHURCH	23	8	**35**	0
1081167	STETHEM PARK	7	0	0	0
1081156	TENTH DISTRICT VFD	9	0	0	0
1081008	THE GREENS WINE & SPIRITS	68	41	**60**	0
1081165	THOMAS STONE NATIONAL HISTORIC SITE	3	0	0	0
1081178	TRINITY EPISCOPAL CHURCH	34	16	**47**	0
1081089	TWINN KISS/ RANDYS RIBS II	16	4	**25**	0
1081090	VFW POST #10081	18	10	**56**	0

Table 4 (Continued), Routine and repeat bacteriological samples for each system since 1996.

PWSID	System Name	Total Number of Samples Taken	Number of Positive Bacti. Samples	Percentage of Total Samples Positive	Number of Postive Fecal Samples
1081091	WACS HUGHES LODGE /ELKS # 1053	9	1	11	0
1081114	WALDORF MOOSE LODGE # 1709	9	1	11	0
1081200	WAWA INC	3	0	0	0
1081157	WAYSIDE STORE	39	12	**31**	0
1081095	WELCOME CENTER (NEWBURG)	6	0	0	0
1081093	WHEELERS RESTAURANT	31	11	**36**	0
1081094	WHITE HOUSE MOTEL	7	0	0	0
1081162	WHITE PLAINS PARK-CONCESSION	5	0	0	0
1081160	WILLING HELPERS SOCIETY	15	2	13	0

Table 4 (Continued), Routine and repeat bacteriological samples for each system since 1996.

PWSID	Plant	Contaminant	Contaminant Name	MCL	Sample Date	Result
1080004	1	2976	VINYL CHLORIDE	2	13-Mar-91	-0.5
1080004	1	2984	TRICHLOROETHYLENE	5	13-Mar-91	-0.5
1080004	1	2980	1,2-DICHLOROETHANE	5	13-Mar-91	-0.5
1080004	1	2977	1,1-DICHLOROETHYLENE	7	13-Mar-91	-0.5
1080004	1	2969	p-DICHLOROBENZENE	75	13-Mar-91	-0.5
1080004	1	2990	BENZENE	5	13-Mar-91	-0.5
1080004	1	2982	CARBON TETRACHLORIDE	5	13-Mar-91	-0.5
1080004	1	2981	1,1,1-TRICHLOROETHANE	200	13-Mar-91	-0.5
1080004	1	2251	METHYL-TERT-BUTYL-ETHER		31-Mar-95	-0.5
1080004	1	2251	METHYL-TERT-BUTYL-ETHER		31-Mar-95	-0.5
1080004	1	2990	BENZENE	5	31-Mar-95	-0.5
1080004	1	2982	CARBON TETRACHLORIDE	5	31-Mar-95	-0.5
1080004	1	2969	p-DICHLOROBENZENE	75	31-Mar-95	-0.5
1080004	1	2977	1,1-DICHLOROETHYLENE	7	31-Mar-95	-0.5
1080004	1	2980	1,2-DICHLOROETHANE	5	31-Mar-95	-0.5
1080004	1	2981	1,1,1-TRICHLOROETHANE	200	31-Mar-95	-0.5
1080004	1	2984	TRICHLOROETHYLENE	5	31-Mar-95	-0.5
1080004	1	2976	VINYL CHLORIDE	2	31-Mar-95	-0.5
1080004	1	2979	trans-1,2-DICHLOROETHYLENE	100	31-Mar-95	-0.5
1080004	1	2380	cis-1,2-DICHLOROETHYLENE	70	31-Mar-95	-0.5
1080004	1	2968	o-DICHLOROBENZENE	600	31-Mar-95	-0.5
1080004	1	2983	1,2-DICHLOROPROPANE	5	31-Mar-95	-0.5
1080004	1	2987	TETRACHLOROETHYLENE	5	31-Mar-95	-0.5
1080004	1	2989	MONOCHLOROBENZENE	100	31-Mar-95	-0.5
1080004	1	2991	TOLUENE	1000	31-Mar-95	-0.5
1080004	1	2992	ETHYLBENZENE	700	31-Mar-95	-0.5
1080004	1	2955	XYLENES, TOTAL	10000	31-Mar-95	-0.5
1080004	1	2996	STYRENE	100	31-Mar-95	-0.5
1080004	1	2964	METHYLENE CHLORIDE	5	31-Mar-95	-0.5
1080004	1	2378	1,2,4-TRICHLOROBENZENE	70	31-Mar-95	-0.5
1080004	1	2985	1,1,2-TRICHLOROETHANE	5	31-Mar-95	-0.5
1080004	1	2210	CHLOROMETHANE		31-Mar-95	-0.5
1080004	1	2214	BROMOMETHANE		31-Mar-95	-0.5
1080004	1	2413	1,3-DICHLOROPROPENE		31-Mar-95	-0.5
1080004	1	2988	1,1,2,2-TETRACHLOROETHANE		31-Mar-95	-0.5
1080004	1	2412	1,3-DICHLOROPROPANE		31-Mar-95	-0.5
1080004	1	2416	2,2-DICHLOROPROPANE		31-Mar-95	-0.5
1080004	1	2965	o-CHLOROTOLUENE		31-Mar-95	-0.5
1080004	1	2966	p-CHLOROTOLUENE		31-Mar-95	-0.5
1080004	1	2994	ISOPROPYLBENZENE		31-Mar-95	-0.5
1080004	1	2414	1,2,3-TRICHLOROPROPANE		31-Mar-95	-0.5
1080004	1	2218	TRICHLOROFLUOROMETHANE		31-Mar-95	-0.5
1080004	1	2424	1,3,5-TRIMETHYLBENZENE		31-Mar-95	-0.5
1080004	1	2030	P-ISOPROPYLTOLUENE		31-Mar-95	-0.5
1080004	1	2430	BROMOCHLOROMETHANE		31-Mar-95	-0.5
1080004	1	2408	DIBROMOMETHANE		31-Mar-95	-0.5
1080004	1	2962	p-XYLENE		31-Mar-95	-0.5
1080004	1	2997	o-XYLENE		31-Mar-95	-0.5
1080004	1	2995	m-XYLENE		31-Mar-95	-0.5
1080004	1	2216	CHLOROETHANE		31-Mar-95	-0.5

Table 5, Total VOC water quality samples collected for transient systems.

PWSID	Plant	Contaminant	Contaminant Name	MCL	Sample Date	Result
1080004	1	2978	1,1-DICHLOROETHANE		31-Mar-95	-0.5
1080004	1	2410	1,1-DICHLOROPROPENE		31-Mar-95	-0.5
1080004	1	2993	BROMOBENZENE		31-Mar-95	-0.5
1080004	1	2418	1,2,4-TRIMETHYLBENZENE		31-Mar-95	-0.5
1080004	1	2420	1,2,3-TRICHLOROBENZENE		31-Mar-95	-0.5
1080004	1	2998	n-PROPYLBENZENE		31-Mar-95	-0.5
1080004	1	2422	N-BUTYLBENZENE		31-Mar-95	-0.5
1080004	1	2248	NAPHTHALENE		31-Mar-95	-0.5
1080004	1	2246	HEXACHLOROBUTADIENE		31-Mar-95	-0.5
1080004	1	2426	TERT-BUTYLBENZENE		31-Mar-95	-0.5
1080004	1	2986	1,1,1,2-TETRACHLOROETHANE		31-Mar-95	-0.5
1080004	1	2931	1,2-DIBROMO-3-CHLOROPROPANE	0.2	31-Mar-95	-0.5
1080004	1	2212	DICHLORODIFLUOROMETHANE		31-Mar-95	-0.5
1080004	1	2428	SEC-BUTYLBENZENE		31-Mar-95	-0.5
1080004	1	2967	m-DICHLOROBENZENE		31-Mar-95	-0.5
1080004	1	2946	ETHYLENE DIBROMIDE (EDB)	0.05	31-Mar-95	-0.5
1080004	1	2251	METHYL-TERT-BUTYL-ETHER		8-Jun-95	-0.5
1080004	1	2251	METHYL-TERT-BUTYL-ETHER		8-Jun-95	-0.5
1080004	1	2990	BENZENE	5	8-Jun-95	-0.5
1080004	1	2982	CARBON TETRACHLORIDE	5	8-Jun-95	-0.5
1080004	1	2969	p-DICHLOROBENZENE	75	8-Jun-95	-0.5
1080004	1	2977	1,1-DICHLOROETHYLENE	7	8-Jun-95	-0.5
1080004	1	2980	1,2-DICHLOROETHANE	5	8-Jun-95	-0.5
1080004	1	2981	1,1,1-TRICHLOROETHANE	200	8-Jun-95	-0.5
1080004	1	2984	TRICHLOROETHYLENE	5	8-Jun-95	-0.5
1080004	1	2976	VINYL CHLORIDE	2	8-Jun-95	-0.5
1080004	1	2979	trans-1,2-DICHLOROETHYLENE	100	8-Jun-95	-0.5
1080004	1	2380	cis-1,2-DICHLOROETHYLENE	70	8-Jun-95	-0.5
1080004	1	2968	o-DICHLOROBENZENE	600	8-Jun-95	-0.5
1080004	1	2983	1,2-DICHLOROPROPANE	5	8-Jun-95	-0.5
1080004	1	2987	TETRACHLOROETHYLENE	5	8-Jun-95	-0.5
1080004	1	2989	MONOCHLOROBENZENE	100	8-Jun-95	-0.5
1080004	1	2991	TOLUENE	1000	8-Jun-95	-0.5
1080004	1	2992	ETHYLBENZENE	700	8-Jun-95	-0.5
1080004	1	2955	XYLENES, TOTAL	10000	8-Jun-95	-0.5
1080004	1	2996	STYRENE	100	8-Jun-95	-0.5
1080004	1	2964	METHYLENE CHLORIDE	5	8-Jun-95	-0.5
1080004	1	2378	1,2,4-TRICHLOROBENZENE	70	8-Jun-95	-0.5
1080004	1	2985	1,1,2-TRICHLOROETHANE	5	8-Jun-95	-0.5
1080004	1	2943	BROMODICHLOROMETHANE		8-Jun-95	-0.5
1080004	1	2942	BROMOFORM		8-Jun-95	-0.5
1080004	1	2941	CHLOROFORM		8-Jun-95	-0.5
1080004	1	2944	DIBROMOCHLOROMETHANE		8-Jun-95	-0.5
1080004	1	2210	CHLOROMETHANE		8-Jun-95	-0.5
1080004	1	2214	BROMOMETHANE		8-Jun-95	-0.5
1080004	1	2994	ISOPROPYLBENZENE		8-Jun-95	-0.5
1080004	1	2962	p-XYLENE		8-Jun-95	-0.5
1080004	1	2997	o-XYLENE		8-Jun-95	-0.5
1080004	1	2995	m-XYLENE		8-Jun-95	-0.5
1080004	1	2216	CHLOROETHANE		8-Jun-95	-0.5

Table 5 (Continued), Total VOC water quality samples collected for transient systems.

PWSID	Plant	Contaminant	Contaminant Name	MCL	Sample Date	Result
1080004	1	2978	1,1-DICHLOROETHANE		8-Jun-95	-0.5
1080004	1	2413	1,3-DICHLOROPROPENE		8-Jun-95	-0.5
1080004	1	2988	1,1,2,2-TETRACHLOROETHANE		8-Jun-95	-0.5
1080004	1	2412	1,3-DICHLOROPROPANE		8-Jun-95	-0.5
1080004	1	2416	2,2-DICHLOROPROPANE		8-Jun-95	-0.5
1080004	1	2965	o-CHLOROTOLUENE		8-Jun-95	-0.5
1080004	1	2410	1,1-DICHLOROPROPENE		8-Jun-95	-0.5
1080004	1	2966	p-CHLOROTOLUENE		8-Jun-95	-0.5
1080004	1	2993	BROMOBENZENE		8-Jun-95	-0.5
1080004	1	2418	1,2,4-TRIMETHYLBENZENE		8-Jun-95	-0.5
1080004	1	2420	1,2,3-TRICHLOROBENZENE		8-Jun-95	-0.5
1080004	1	2998	n-PROPYLBENZENE		8-Jun-95	-0.5
1080004	1	2422	N-BUTYLBENZENE		8-Jun-95	-0.5
1080004	1	2248	NAPHTHALENE		8-Jun-95	-0.5
1080004	1	2246	HEXACHLOROBUTADIENE		8-Jun-95	-0.5
1080004	1	2426	TERT-BUTYLBENZENE		8-Jun-95	-0.5
1080004	1	2428	SEC-BUTYLBENZENE		8-Jun-95	-0.5
1080004	1	2212	DICHLORODIFLUOROMETHANE		8-Jun-95	-0.5
1080004	1	2967	m-DICHLOROBENZENE		8-Jun-95	-0.5
1080004	1	2414	1,2,3-TRICHLOROPROPANE		8-Jun-95	-0.5
1080004	1	2218	TRICHLOROFLUOROMETHANE		8-Jun-95	-0.5
1080004	1	2424	1,3,5-TRIMETHYLBENZENE		8-Jun-95	-0.5
1080004	1	2030	P-ISOPROPYLTOLUENE		8-Jun-95	-0.5
1080004	1	2430	BROMOCHLOROMETHANE		8-Jun-95	-0.5
1080004	1	2408	DIBROMOMETHANE		8-Jun-95	-0.5
1080004	1	2931	1,2-DIBROMO-3-CHLOROPROPANE	0.2	8-Jun-95	-0.5
1080004	1	2946	ETHYLENE DIBROMIDE (EDB)	0.05	8-Jun-95	-0.5
1080004	1	2986	1,1,1,2-TETRACHLOROETHANE		8-Jun-95	-0.5
1080004	1	2251	METHYL-TERT-BUTYL-ETHER		18-Sep-95	-0.5
1080004	1	2426	TERT-BUTYLBENZENE		18-Sep-95	-0.5
1080004	1	2414	1,2,3-TRICHLOROPROPANE		18-Sep-95	-0.5
1080004	1	2218	TRICHLOROFLUOROMETHANE		18-Sep-95	-0.5
1080004	1	2424	1,3,5-TRIMETHYLBENZENE		18-Sep-95	-0.5
1080004	1	2030	P-ISOPROPYLTOLUENE		18-Sep-95	-0.5
1080004	1	2430	BROMOCHLOROMETHANE		18-Sep-95	-0.5
1080004	1	2408	DIBROMOMETHANE		18-Sep-95	-0.5
1080004	1	2962	p-XYLENE		18-Sep-95	-0.5
1080004	1	2997	o-XYLENE		18-Sep-95	-0.5
1080004	1	2995	m-XYLENE		18-Sep-95	-0.5
1080004	1	2251	METHYL-TERT-BUTYL-ETHER		18-Sep-95	-0.5
1080004	1	2990	BENZENE	5	18-Sep-95	-0.5
1080004	1	2982	CARBON TETRACHLORIDE	5	18-Sep-95	-0.5
1080004	1	2969	p-DICHLOROBENZENE	75	18-Sep-95	-0.5
1080004	1	2977	1,1-DICHLOROETHYLENE	7	18-Sep-95	-0.5
1080004	1	2980	1,2-DICHLOROETHANE	5	18-Sep-95	-0.5
1080004	1	2981	1,1,1-TRICHLOROETHANE	200	18-Sep-95	-0.5
1080004	1	2984	TRICHLOROETHYLENE	5	18-Sep-95	-0.5
1080004	1	2976	VINYL CHLORIDE	2	18-Sep-95	-0.5
1080004	1	2979	trans-1,2-DICHLOROETHYLENE	100	18-Sep-95	-0.5
1080004	1	2380	cis-1,2-DICHLOROETHYLENE	70	18-Sep-95	-0.5

Table 5 (Continued), Total VOC water quality samples collected for transient systems.

PWSID	Plant	Contaminant	Contaminant Name	MCL	Sample Date	Result
1080004	1	2968	o-DICHLOROBENZENE	600	18-Sep-95	-0.5
1080004	1	2983	1,2-DICHLOROPROPANE	5	18-Sep-95	-0.5
1080004	1	2987	TETRACHLOROETHYLENE	5	18-Sep-95	-0.5
1080004	1	2989	MONOCHLOROBENZENE	100	18-Sep-95	-0.5
1080004	1	2991	TOLUENE	1000	18-Sep-95	-0.5
1080004	1	2992	ETHYLBENZENE	700	18-Sep-95	-0.5
1080004	1	2955	XYLENES, TOTAL	10000	18-Sep-95	-0.5
1080004	1	2996	STYRENE	100	18-Sep-95	-0.5
1080004	1	2964	METHYLENE CHLORIDE	5	18-Sep-95	-0.5
1080004	1	2378	1,2,4-TRICHLOROBENZENE	70	18-Sep-95	-0.5
1080004	1	2985	1,1,2-TRICHLOROETHANE	5	18-Sep-95	-0.5
1080004	1	2943	BROMODICHLOROMETHANE		18-Sep-95	-0.5
1080004	1	2942	BROMOFORM		18-Sep-95	-0.5
1080004	1	2941	CHLOROFORM		18-Sep-95	-0.5
1080004	1	2944	DIBROMOCHLOROMETHANE		18-Sep-95	-0.5
1080004	1	2210	CHLOROMETHANE		18-Sep-95	-0.5
1080004	1	2214	BROMOMETHANE		18-Sep-95	-0.5
1080004	1	2216	CHLOROETHANE		18-Sep-95	-0.5
1080004	1	2966	p-CHLOROTOLUENE		18-Sep-95	-0.5
1080004	1	2993	BROMOBENZENE		18-Sep-95	-0.5
1080004	1	2418	1,2,4-TRIMETHYLBENZENE		18-Sep-95	-0.5
1080004	1	2420	1,2,3-TRICHLOROBENZENE		18-Sep-95	-0.5
1080004	1	2998	n-PROPYLBENZENE		18-Sep-95	-0.5
1080004	1	2422	N-BUTYLBENZENE		18-Sep-95	-0.5
1080004	1	2248	NAPHTHALENE		18-Sep-95	-0.5
1080004	1	2246	HEXACHLOROBUTADIENE		18-Sep-95	-0.5
1080004	1	2994	ISOPROPYLBENZENE		18-Sep-95	-0.5
1080004	1	2978	1,1-DICHLOROETHANE		18-Sep-95	-0.5
1080004	1	2410	1,1-DICHLOROPROPENE		18-Sep-95	-0.5
1080004	1	2413	1,3-DICHLOROPROPENE		18-Sep-95	-0.5
1080004	1	2988	1,1,2,2-TETRACHLOROETHANE		18-Sep-95	-0.5
1080004	1	2412	1,3-DICHLOROPROPANE		18-Sep-95	-0.5
1080004	1	2416	2,2-DICHLOROPROPANE		18-Sep-95	-0.5
1080004	1	2965	o-CHLOROTOLUENE		18-Sep-95	-0.5
1080004	1	2428	SEC-BUTYLBENZENE		18-Sep-95	-0.5
1080004	1	2212	DICHLORODIFLUOROMETHANE		18-Sep-95	-0.5
1080004	1	2967	m-DICHLOROBENZENE		18-Sep-95	-0.5
1080004	1	2986	1,1,1,2-TETRACHLOROETHANE		18-Sep-95	-0.5
1080004	1	2946	ETHYLENE DIBROMIDE (EDB)	0.05	18-Sep-95	-0.5
1080004	1	2931	1,2-DIBROMO-3-CHLOROPROPANE	0.2	18-Sep-95	-0.5
1080004	1	2251	METHYL-TERT-BUTYL-ETHER		16-Oct-95	-0.5
1080004	1	2962	p-XYLENE		16-Oct-95	-0.5
1080004	1	2997	o-XYLENE		16-Oct-95	-0.5
1080004	1	2995	m-XYLENE		16-Oct-95	-0.5
1080004	1	2426	TERT-BUTYLBENZENE		16-Oct-95	-0.5
1080004	1	2428	SEC-BUTYLBENZENE		16-Oct-95	-0.5
1080004	1	2212	DICHLORODIFLUOROMETHANE		16-Oct-95	-0.5
1080004	1	2248	NAPHTHALENE		16-Oct-95	-0.5
1080004	1	2246	HEXACHLOROBUTADIENE		16-Oct-95	-0.5
1080004	1	2994	ISOPROPYLBENZENE		16-Oct-95	-0.5

Table 5 (Continued), Total VOC water quality samples collected for transient systems.

PWSID	Plant	Contaminant	Contaminant Name	MCL	Sample Date	Result
1080004	1	2218	TRICHLOROFLUOROMETHANE		16-Oct-95	-0.5
1080004	1	2251	METHYL-TERT-BUTYL-ETHER		16-Oct-95	-0.5
1080004	1	2990	BENZENE	5	16-Oct-95	-0.5
1080004	1	2982	CARBON TETRACHLORIDE	5	16-Oct-95	-0.5
1080004	1	2969	p-DICHLOROBENZENE	75	16-Oct-95	-0.5
1080004	1	2977	1,1-DICHLOROETHYLENE	7	16-Oct-95	-0.5
1080004	1	2980	1,2-DICHLOROETHANE	5	16-Oct-95	-0.5
1080004	1	2981	1,1,1-TRICHLOROETHANE	200	16-Oct-95	-0.5
1080004	1	2984	TRICHLOROETHYLENE	5	16-Oct-95	-0.5
1080004	1	2976	VINYL CHLORIDE	2	16-Oct-95	-0.5
1080004	1	2979	trans-1,2-DICHLOROETHYLENE	100	16-Oct-95	-0.5
1080004	1	2380	cis-1,2-DICHLOROETHYLENE	70	16-Oct-95	-0.5
1080004	1	2968	o-DICHLOROBENZENE	600	16-Oct-95	-0.5
1080004	1	2983	1,2-DICHLOROPROPANE	5	16-Oct-95	-0.5
1080004	1	2987	TETRACHLOROETHYLENE	5	16-Oct-95	-0.5
1080004	1	2989	MONOCHLOROBENZENE	100	16-Oct-95	-0.5
1080004	1	2991	TOLUENE	1000	16-Oct-95	-0.5
1080004	1	2992	ETHYLBENZENE	700	16-Oct-95	-0.5
1080004	1	2955	XYLENES, TOTAL	10000	16-Oct-95	-0.5
1080004	1	2996	STYRENE	100	16-Oct-95	-0.5
1080004	1	2964	METHYLENE CHLORIDE	5	16-Oct-95	-0.5
1080004	1	2378	1,2,4-TRICHLOROBENZENE	70	16-Oct-95	-0.5
1080004	1	2985	1,1,2-TRICHLOROETHANE	5	16-Oct-95	-0.5
1080004	1	2943	BROMODICHLOROMETHANE		16-Oct-95	-0.5
1080004	1	2942	BROMOFORM		16-Oct-95	-0.5
1080004	1	2941	CHLOROFORM		16-Oct-95	-0.5
1080004	1	2944	DIBROMOCHLOROMETHANE		16-Oct-95	-0.5
1080004	1	2210	CHLOROMETHANE		16-Oct-95	-0.5
1080004	1	2214	BROMOMETHANE		16-Oct-95	-0.5
1080004	1	2216	CHLOROETHANE		16-Oct-95	-0.5
1080004	1	2978	1,1-DICHLOROETHANE		16-Oct-95	-0.5
1080004	1	2410	1,1-DICHLOROPROPENE		16-Oct-95	-0.5
1080004	1	2413	1,3-DICHLOROPROPENE		16-Oct-95	-0.5
1080004	1	2988	1,1,2,2-TETRACHLOROETHANE		16-Oct-95	-0.5
1080004	1	2412	1,3-DICHLOROPROPANE		16-Oct-95	-0.5
1080004	1	2416	2,2-DICHLOROPROPANE		16-Oct-95	-0.5
1080004	1	2965	o-CHLOROTOLUENE		16-Oct-95	-0.5
1080004	1	2966	p-CHLOROTOLUENE		16-Oct-95	-0.5
1080004	1	2993	BROMOBENZENE		16-Oct-95	-0.5
1080004	1	2418	1,2,4-TRIMETHYLBENZENE		16-Oct-95	-0.5
1080004	1	2420	1,2,3-TRICHLOROBENZENE		16-Oct-95	-0.5
1080004	1	2998	n-PROPYLBENZENE		16-Oct-95	-0.5
1080004	1	2422	N-BUTYLBENZENE		16-Oct-95	-0.5
1080004	1	2424	1,3,5-TRIMETHYLBENZENE		16-Oct-95	-0.5
1080004	1	2030	P-ISOPROPYLTOLUENE		16-Oct-95	-0.5
1080004	1	2430	BROMOCHLOROMETHANE		16-Oct-95	-0.5
1080004	1	2408	DIBROMOMETHANE		16-Oct-95	-0.5
1080004	1	2414	1,2,3-TRICHLOROPROPANE		16-Oct-95	-0.5
1080004	1	2967	m-DICHLOROBENZENE		16-Oct-95	-0.5
1080004	1	2986	1,1,1,2-TETRACHLOROETHANE		16-Oct-95	-0.5

Table 5 (Continued), Total VOC water quality samples collected for transient systems.

PWSID	Plant	Contaminant	Contaminant Name	MCL	Sample Date	Result
1080004	1	2946	ETHYLENE DIBROMIDE (EDB)	0.05	16-Oct-95	-0.5
1080004	1	2931	1,2-DIBROMO-3-CHLOROPROPANE	0.2	16-Oct-95	-0.5
1080020	1	2976	VINYL CHLORIDE	2	13-Mar-91	-0.5
1080020	1	2984	TRICHLOROETHYLENE	5	13-Mar-91	-0.5
1080020	1	2982	CARBON TETRACHLORIDE	5	13-Mar-91	-0.5
1080020	1	2990	BENZENE	5	13-Mar-91	-0.5
1080020	1	2969	p-DICHLOROBENZENE	75	13-Mar-91	-0.5
1080020	1	2977	1,1-DICHLOROETHYLENE	7	13-Mar-91	-0.5
1080020	1	2980	1,2-DICHLOROETHANE	5	13-Mar-91	-0.5
1080020	1	2981	1,1,1-TRICHLOROETHANE	200	13-Mar-91	-0.5
1080020	1	2251	METHYL-TERT-BUTYL-ETHER		19-Jan-95	-0.5
1080020	1	2931	1,2-DIBROMO-3-CHLOROPROPANE	0.2	19-Jan-95	-0.5
1080020	1	2986	1,1,1,2-TETRACHLOROETHANE		19-Jan-95	-0.5
1080020	1	2212	DICHLORODIFLUOROMETHANE		19-Jan-95	-0.5
1080020	1	2426	TERT-BUTYLBENZENE		19-Jan-95	-0.5
1080020	1	2997	o-XYLENE		19-Jan-95	-0.5
1080020	1	2408	DIBROMOMETHANE		19-Jan-95	-0.5
1080020	1	2030	P-ISOPROPYLTOLUENE		19-Jan-95	-0.5
1080020	1	2218	TRICHLOROFLUOROMETHANE		19-Jan-95	-0.5
1080020	1	2993	BROMOBENZENE		19-Jan-95	-0.5
1080020	1	2418	1,2,4-TRIMETHYLBENZENE		19-Jan-95	-0.5
1080020	1	2420	1,2,3-TRICHLOROBENZENE		19-Jan-95	-0.5
1080020	1	2998	n-PROPYLBENZENE		19-Jan-95	-0.5
1080020	1	2422	N-BUTYLBENZENE		19-Jan-95	-0.5
1080020	1	2248	NAPHTHALENE		19-Jan-95	-0.5
1080020	1	2246	HEXACHLOROBUTADIENE		19-Jan-95	-0.5
1080020	1	2994	ISOPROPYLBENZENE		19-Jan-95	-0.5
1080020	1	2414	1,2,3-TRICHLOROPROPANE		19-Jan-95	-0.5
1080020	1	2992	ETHYLBENZENE	700	19-Jan-95	-0.5
1080020	1	2955	XYLENES, TOTAL	10000	19-Jan-95	-0.5
1080020	1	2996	STYRENE	100	19-Jan-95	-0.5
1080020	1	2964	METHYLENE CHLORIDE	5	19-Jan-95	-0.5
1080020	1	2378	1,2,4-TRICHLOROBENZENE	70	19-Jan-95	-0.5
1080020	1	2985	1,1,2-TRICHLOROETHANE	5	19-Jan-95	-0.5
1080020	1	2210	CHLOROMETHANE		19-Jan-95	-0.5
1080020	1	2214	BROMOMETHANE		19-Jan-95	-0.5
1080020	1	2216	CHLOROETHANE		19-Jan-95	-0.5
1080020	1	2251	METHYL-TERT-BUTYL-ETHER		19-Jan-95	-0.5
1080020	1	2990	BENZENE	5	19-Jan-95	-0.5
1080020	1	2982	CARBON TETRACHLORIDE	5	19-Jan-95	-0.5
1080020	1	2969	p-DICHLOROBENZENE	75	19-Jan-95	-0.5
1080020	1	2977	1,1-DICHLOROETHYLENE	7	19-Jan-95	-0.5
1080020	1	2980	1,2-DICHLOROETHANE	5	19-Jan-95	-0.5
1080020	1	2981	1,1,1-TRICHLOROETHANE	200	19-Jan-95	-0.5
1080020	1	2984	TRICHLOROETHYLENE	5	19-Jan-95	-0.5
1080020	1	2976	VINYL CHLORIDE	2	19-Jan-95	-0.5
1080020	1	2979	trans-1,2-DICHLOROETHYLENE	100	19-Jan-95	-0.5
1080020	1	2380	cis-1,2-DICHLOROETHYLENE	70	19-Jan-95	-0.5
1080020	1	2968	o-DICHLOROBENZENE	600	19-Jan-95	-0.5
1080020	1	2983	1,2-DICHLOROPROPANE	5	19-Jan-95	-0.5

Table 5 (Continued), Total VOC water quality samples collected for transient systems.

PWSID	Plant	Contaminant	Contaminant Name	MCL	Sample Date	Result
1080020	1	2987	TETRACHLOROETHYLENE	5	19-Jan-95	-0.5
1080020	1	2989	MONOCHLOROBENZENE	100	19-Jan-95	-0.5
1080020	1	2991	TOLUENE	1000	19-Jan-95	-0.5
1080020	1	2978	1,1-DICHLOROETHANE		19-Jan-95	-0.5
1080020	1	2410	1,1-DICHLOROPROPENE		19-Jan-95	-0.5
1080020	1	2413	1,3-DICHLOROPROPENE		19-Jan-95	-0.5
1080020	1	2988	1,1,2,2-TETRACHLOROETHANE		19-Jan-95	-0.5
1080020	1	2412	1,3-DICHLOROPROPANE		19-Jan-95	-0.5
1080020	1	2416	2,2-DICHLOROPROPANE		19-Jan-95	-0.5
1080020	1	2965	o-CHLOROTOLUENE		19-Jan-95	-0.5
1080020	1	2966	p-CHLOROTOLUENE		19-Jan-95	-0.5
1080020	1	2424	1,3,5-TRIMETHYLBENZENE		19-Jan-95	-0.5
1080020	1	2430	BROMOCHLOROMETHANE		19-Jan-95	-0.5
1080020	1	2962	p-XYLENE		19-Jan-95	-0.5
1080020	1	2995	m-XYLENE		19-Jan-95	-0.5
1080020	1	2428	SEC-BUTYLBENZENE		19-Jan-95	-0.5
1080020	1	2967	m-DICHLOROBENZENE		19-Jan-95	-0.5
1080020	1	2946	ETHYLENE DIBROMIDE (EDB)	0.05	19-Jan-95	-0.5
1080020	1	2251	METHYL-TERT-BUTYL-ETHER		8-Jun-95	-0.5
1080020	1	2990	BENZENE	5	8-Jun-95	-0.5
1080020	1	2982	CARBON TETRACHLORIDE	5	8-Jun-95	-0.5
1080020	1	2969	p-DICHLOROBENZENE	75	8-Jun-95	-0.5
1080020	1	2977	1,1-DICHLOROETHYLENE	7	8-Jun-95	-0.5
1080020	1	2980	1,2-DICHLOROETHANE	5	8-Jun-95	-0.5
1080020	1	2981	1,1,1-TRICHLOROETHANE	200	8-Jun-95	-0.5
1080020	1	2984	TRICHLOROETHYLENE	5	8-Jun-95	-0.5
1080020	1	2976	VINYL CHLORIDE	2	8-Jun-95	-0.5
1080020	1	2979	trans-1,2-DICHLOROETHYLENE	100	8-Jun-95	-0.5
1080020	1	2380	cis-1,2-DICHLOROETHYLENE	70	8-Jun-95	-0.5
1080020	1	2968	o-DICHLOROBENZENE	600	8-Jun-95	-0.5
1080020	1	2983	1,2-DICHLOROPROPANE	5	8-Jun-95	-0.5
1080020	1	2987	TETRACHLOROETHYLENE	5	8-Jun-95	-0.5
1080020	1	2989	MONOCHLOROBENZENE	100	8-Jun-95	-0.5
1080020	1	2991	TOLUENE	1000	8-Jun-95	-0.5
1080020	1	2992	ETHYLBENZENE	700	8-Jun-95	-0.5
1080020	1	2955	XYLENES, TOTAL	10000	8-Jun-95	-0.5
1080020	1	2996	STYRENE	100	8-Jun-95	-0.5
1080020	1	2964	METHYLENE CHLORIDE	5	8-Jun-95	-0.5
1080020	1	2378	1,2,4-TRICHLOROBENZENE	70	8-Jun-95	-0.5
1080020	1	2985	1,1,2-TRICHLOROETHANE	5	8-Jun-95	-0.5
1080020	1	2943	BROMODICHLOROMETHANE		8-Jun-95	-0.5
1080020	1	2942	BROMOFORM		8-Jun-95	-0.5
1080020	1	2941	CHLOROFORM		8-Jun-95	-0.5
1080020	1	2944	DIBROMOCHLOROMETHANE		8-Jun-95	-0.5
1080020	1	2210	CHLOROMETHANE		8-Jun-95	-0.5
1080020	1	2214	BROMOMETHANE		8-Jun-95	-0.5
1080020	1	2994	ISOPROPYLBENZENE		8-Jun-95	-0.5
1080020	1	2414	1,2,3-TRICHLOROPROPANE		8-Jun-95	-0.5
1080020	1	2962	p-XYLENE		8-Jun-95	-0.5
1080020	1	2997	o-XYLENE		8-Jun-95	-0.5

Table 5 (Continued), Total VOC water quality samples collected for transient systems.

PWSID	Plant	Contaminant	Contaminant Name	MCL	Sample Date	Result
1080020	1	2995	m-XYLENE		8-Jun-95	-0.5
1080020	1	2216	CHLOROETHANE		8-Jun-95	-0.5
1080020	1	2978	1,1-DICHLOROETHANE		8-Jun-95	-0.5
1080020	1	2988	1,1,2,2-TETRACHLOROETHANE		8-Jun-95	-0.5
1080020	1	2412	1,3-DICHLOROPROPANE		8-Jun-95	-0.5
1080020	1	2416	2,2-DICHLOROPROPANE		8-Jun-95	-0.5
1080020	1	2965	o-CHLOROTOLUENE		8-Jun-95	-0.5
1080020	1	2410	1,1-DICHLOROPROPENE		8-Jun-95	-0.5
1080020	1	2413	1,3-DICHLOROPROPENE		8-Jun-95	-0.5
1080020	1	2966	p-CHLOROTOLUENE		8-Jun-95	-0.5
1080020	1	2993	BROMOBENZENE		8-Jun-95	-0.5
1080020	1	2418	1,2,4-TRIMETHYLBENZENE		8-Jun-95	-0.5
1080020	1	2420	1,2,3-TRICHLOROBENZENE		8-Jun-95	-0.5
1080020	1	2998	n-PROPYLBENZENE		8-Jun-95	-0.5
1080020	1	2422	N-BUTYLBENZENE		8-Jun-95	-0.5
1080020	1	2248	NAPHTHALENE		8-Jun-95	-0.5
1080020	1	2246	HEXACHLOROBUTADIENE		8-Jun-95	-0.5
1080020	1	2426	TERT-BUTYLBENZENE		8-Jun-95	-0.5
1080020	1	2428	SEC-BUTYLBENZENE		8-Jun-95	-0.5
1080020	1	2212	DICHLORODIFLUOROMETHANE		8-Jun-95	-0.5
1080020	1	2967	m-DICHLOROBENZENE		8-Jun-95	-0.5
1080020	1	2218	TRICHLOROFLUOROMETHANE		8-Jun-95	-0.5
1080020	1	2424	1,3,5-TRIMETHYLBENZENE		8-Jun-95	-0.5
1080020	1	2030	P-ISOPROPYLTOLUENE		8-Jun-95	-0.5
1080020	1	2430	BROMOCHLOROMETHANE		8-Jun-95	-0.5
1080020	1	2408	DIBROMOMETHANE		8-Jun-95	-0.5
1080020	1	2931	1,2-DIBROMO-3-CHLOROPROPANE	0.2	8-Jun-95	-0.5
1080020	1	2986	1,1,1,2-TETRACHLOROETHANE		8-Jun-95	-0.5
1080020	1	2946	ETHYLENE DIBROMIDE (EDB)	0.05	8-Jun-95	-0.5
1080020	1	2251	METHYL-TERT-BUTYL-ETHER		8-Jun-95	-0.5
1080020	1	2251	METHYL-TERT-BUTYL-ETHER		28-Aug-95	-0.5
1080020	1	2218	TRICHLOROFLUOROMETHANE		28-Aug-95	-0.5
1080020	1	2424	1,3,5-TRIMETHYLBENZENE		28-Aug-95	-0.5
1080020	1	2030	P-ISOPROPYLTOLUENE		28-Aug-95	-0.5
1080020	1	2430	BROMOCHLOROMETHANE		28-Aug-95	-0.5
1080020	1	2408	DIBROMOMETHANE		28-Aug-95	-0.5
1080020	1	2962	p-XYLENE		28-Aug-95	-0.5
1080020	1	2997	o-XYLENE		28-Aug-95	-0.5
1080020	1	2995	m-XYLENE		28-Aug-95	-0.5
1080020	1	2426	TERT-BUTYLBENZENE		28-Aug-95	-0.5
1080020	1	2251	METHYL-TERT-BUTYL-ETHER		28-Aug-95	-0.5
1080020	1	2990	BENZENE	5	28-Aug-95	-0.5
1080020	1	2982	CARBON TETRACHLORIDE	5	28-Aug-95	-0.5
1080020	1	2969	p-DICHLOROBENZENE	75	28-Aug-95	-0.5
1080020	1	2977	1,1-DICHLOROETHYLENE	7	28-Aug-95	-0.5
1080020	1	2980	1,2-DICHLOROETHANE	5	28-Aug-95	-0.5
1080020	1	2981	1,1,1-TRICHLOROETHANE	200	28-Aug-95	-0.5
1080020	1	2984	TRICHLOROETHYLENE	5	28-Aug-95	-0.5
1080020	1	2976	VINYL CHLORIDE	2	28-Aug-95	-0.5
1080020	1	2979	trans-1,2-DICHLOROETHYLENE	100	28-Aug-95	-0.5

Table 5 (Continued), Total VOC water quality samples collected for transient systems.

PWSID	Plant	Contaminant	Contaminant Name	MCL	Sample Date	Result
1080020	1	2380	cis-1,2-DICHLOROETHYLENE	70	28-Aug-95	-0.5
1080020	1	2968	o-DICHLOROBENZENE	600	28-Aug-95	-0.5
1080020	1	2983	1,2-DICHLOROPROPANE	5	28-Aug-95	-0.5
1080020	1	2987	TETRACHLOROETHYLENE	5	28-Aug-95	-0.5
1080020	1	2989	MONOCHLOROBENZENE	100	28-Aug-95	-0.5
1080020	1	2991	TOLUENE	1000	28-Aug-95	-0.5
1080020	1	2992	ETHYLBENZENE	700	28-Aug-95	-0.5
1080020	1	2955	XYLENES, TOTAL	10000	28-Aug-95	-0.5
1080020	1	2996	STYRENE	100	28-Aug-95	-0.5
1080020	1	2964	METHYLENE CHLORIDE	5	28-Aug-95	-0.5
1080020	1	2378	1,2,4-TRICHLOROBENZENE	70	28-Aug-95	-0.5
1080020	1	2985	1,1,2-TRICHLOROETHANE	5	28-Aug-95	-0.5
1080020	1	2943	BROMODICHLOROMETHANE		28-Aug-95	-0.5
1080020	1	2942	BROMOFORM		28-Aug-95	-0.5
1080020	1	2941	CHLOROFORM		28-Aug-95	-0.5
1080020	1	2944	DIBROMOCHLOROMETHANE		28-Aug-95	-0.5
1080020	1	2210	CHLOROMETHANE		28-Aug-95	-0.5
1080020	1	2214	BROMOMETHANE		28-Aug-95	-0.5
1080020	1	2216	CHLOROETHANE		28-Aug-95	-0.5
1080020	1	2978	1,1-DICHLOROETHANE		28-Aug-95	-0.5
1080020	1	2410	1,1-DICHLOROPROPENE		28-Aug-95	-0.5
1080020	1	2413	1,3-DICHLOROPROPENE		28-Aug-95	-0.5
1080020	1	2988	1,1,2,2-TETRACHLOROETHANE		28-Aug-95	-0.5
1080020	1	2412	1,3-DICHLOROPROPANE		28-Aug-95	-0.5
1080020	1	2416	2,2-DICHLOROPROPANE		28-Aug-95	-0.5
1080020	1	2965	o-CHLOROTOLUENE		28-Aug-95	-0.5
1080020	1	2966	p-CHLOROTOLUENE		28-Aug-95	-0.5
1080020	1	2993	BROMOBENZENE		28-Aug-95	-0.5
1080020	1	2418	1,2,4-TRIMETHYLBENZENE		28-Aug-95	-0.5
1080020	1	2420	1,2,3-TRICHLOROBENZENE		28-Aug-95	-0.5
1080020	1	2998	n-PROPYLBENZENE		28-Aug-95	-0.5
1080020	1	2422	N-BUTYLBENZENE		28-Aug-95	-0.5
1080020	1	2248	NAPHTHALENE		28-Aug-95	-0.5
1080020	1	2246	HEXACHLOROBUTADIENE		28-Aug-95	-0.5
1080020	1	2994	ISOPROPYLBENZENE		28-Aug-95	-0.5
1080020	1	2414	1,2,3-TRICHLOROPROPANE		28-Aug-95	-0.5
1080020	1	2428	SEC-BUTYLBENZENE		28-Aug-95	-0.5
1080020	1	2212	DICHLORODIFLUOROMETHANE		28-Aug-95	-0.5
1080020	1	2967	m-DICHLOROBENZENE		28-Aug-95	-0.5
1080020	1	2986	1,1,1,2-TETRACHLOROETHANE		28-Aug-95	-0.5
1080020	1	2946	ETHYLENE DIBROMIDE (EDB)	0.05	28-Aug-95	-0.5
1080020	1	2931	1,2-DIBROMO-3-CHLOROPROPANE	0.2	28-Aug-95	-0.5
1080020	1	2946	ETHYLENE DIBROMIDE (EDB)	0.05	16-Oct-95	-0.5
1080020	1	2962	p-XYLENE		16-Oct-95	-0.5
1080020	1	2997	o-XYLENE		16-Oct-95	-0.5
1080020	1	2428	SEC-BUTYLBENZENE		16-Oct-95	-0.5
1080020	1	2248	NAPHTHALENE		16-Oct-95	-0.5
1080020	1	2246	HEXACHLOROBUTADIENE		16-Oct-95	-0.5
1080020	1	2994	ISOPROPYLBENZENE		16-Oct-95	-0.5
1080020	1	2414	1,2,3-TRICHLOROPROPANE		16-Oct-95	-0.5

Table 5 (Continued), Total VOC water quality samples collected for transient systems.

PWSID	Plant	Contaminant	Contaminant Name	MCL	Sample Date	Result
1080020	1	2218	TRICHLOROFLUOROMETHANE		16-Oct-95	-0.5
1080020	1	2251	METHYL-TERT-BUTYL-ETHER		16-Oct-95	-0.5
1080020	1	2990	BENZENE	5	16-Oct-95	-0.5
1080020	1	2982	CARBON TETRACHLORIDE	5	16-Oct-95	-0.5
1080020	1	2969	p-DICHLOROBENZENE	75	16-Oct-95	-0.5
1080020	1	2977	1,1-DICHLOROETHYLENE	7	16-Oct-95	-0.5
1080020	1	2980	1,2-DICHLOROETHANE	5	16-Oct-95	-0.5
1080020	1	2981	1,1,1-TRICHLOROETHANE	200	16-Oct-95	-0.5
1080020	1	2984	TRICHLOROETHYLENE	5	16-Oct-95	-0.5
1080020	1	2976	VINYL CHLORIDE	2	16-Oct-95	-0.5
1080020	1	2979	trans-1,2-DICHLOROETHYLENE	100	16-Oct-95	-0.5
1080020	1	2380	cis-1,2-DICHLOROETHYLENE	70	16-Oct-95	-0.5
1080020	1	2968	o-DICHLOROBENZENE	600	16-Oct-95	-0.5
1080020	1	2983	1,2-DICHLOROPROPANE	5	16-Oct-95	-0.5
1080020	1	2987	TETRACHLOROETHYLENE	5	16-Oct-95	-0.5
1080020	1	2989	MONOCHLOROBENZENE	100	16-Oct-95	-0.5
1080020	1	2991	TOLUENE	1000	16-Oct-95	-0.5
1080020	1	2992	ETHYLBENZENE	700	16-Oct-95	-0.5
1080020	1	2955	XYLENES, TOTAL	10000	16-Oct-95	-0.5
1080020	1	2996	STYRENE	100	16-Oct-95	-0.5
1080020	1	2964	METHYLENE CHLORIDE	5	16-Oct-95	-0.5
1080020	1	2378	1,2,4-TRICHLOROBENZENE	70	16-Oct-95	-0.5
1080020	1	2985	1,1,2-TRICHLOROETHANE	5	16-Oct-95	-0.5
1080020	1	2943	BROMODICHLOROMETHANE		16-Oct-95	-0.5
1080020	1	2942	BROMOFORM		16-Oct-95	-0.5
1080020	1	2941	CHLOROFORM		16-Oct-95	-0.5
1080020	1	2944	DIBROMOCHLOROMETHANE		16-Oct-95	-0.5
1080020	1	2210	CHLOROMETHANE		16-Oct-95	-0.5
1080020	1	2214	BROMOMETHANE		16-Oct-95	-0.5
1080020	1	2216	CHLOROETHANE		16-Oct-95	-0.5
1080020	1	2978	1,1-DICHLOROETHANE		16-Oct-95	-0.5
1080020	1	2410	1,1-DICHLOROPROPENE		16-Oct-95	-0.5
1080020	1	2413	1,3-DICHLOROPROPENE		16-Oct-95	-0.5
1080020	1	2988	1,1,2,2-TETRACHLOROETHANE		16-Oct-95	-0.5
1080020	1	2412	1,3-DICHLOROPROPANE		16-Oct-95	-0.5
1080020	1	2416	2,2-DICHLOROPROPANE		16-Oct-95	-0.5
1080020	1	2965	o-CHLOROTOLUENE		16-Oct-95	-0.5
1080020	1	2966	p-CHLOROTOLUENE		16-Oct-95	-0.5
1080020	1	2993	BROMOBENZENE		16-Oct-95	-0.5
1080020	1	2418	1,2,4-TRIMETHYLBENZENE		16-Oct-95	-0.5
1080020	1	2420	1,2,3-TRICHLOROBENZENE		16-Oct-95	-0.5
1080020	1	2998	n-PROPYLBENZENE		16-Oct-95	-0.5
1080020	1	2422	N-BUTYLBENZENE		16-Oct-95	-0.5
1080020	1	2424	1,3,5-TRIMETHYLBENZENE		16-Oct-95	-0.5
1080020	1	2030	P-ISOPROPYLTOLUENE		16-Oct-95	-0.5
1080020	1	2430	BROMOCHLOROMETHANE		16-Oct-95	-0.5
1080020	1	2408	DIBROMOMETHANE		16-Oct-95	-0.5
1080020	1	2212	DICHLORODIFLUOROMETHANE		16-Oct-95	-0.5
1080020	1	2967	m-DICHLOROBENZENE		16-Oct-95	-0.5
1080020	1	2986	1,1,1,2-TETRACHLOROETHANE		16-Oct-95	-0.5

Table 5 (Continued), Total VOC water quality samples collected for transient systems.

PWSID	Plant	Contaminant	Contaminant Name	MCL	Sample Date	Result
1080020	1	2931	1,2-DIBROMO-3-CHLOROPROPANE	0.2	16-Oct-95	-0.5
1080020	1	2251	METHYL-TERT-BUTYL-ETHER		16-Oct-95	-0.5
1080020	1	2995	m-XYLENE		16-Oct-95	-0.5
1080020	1	2426	TERT-BUTYLBENZENE		16-Oct-95	-0.5
1080020	1	2251	METHYL-TERT-BUTYL-ETHER		12-Jan-98	-0.5
1080020	1	2931	1,2-DIBROMO-3-CHLOROPROPANE	0.2	12-Jan-98	-0.5
1080020	1	2212	DICHLORODIFLUOROMETHANE		12-Jan-98	-0.5
1080020	1	2430	BROMOCHLOROMETHANE		12-Jan-98	-0.5
1080020	1	2424	1,3,5-TRIMETHYLBENZENE		12-Jan-98	-0.5
1080020	1	2251	METHYL-TERT-BUTYL-ETHER		12-Jan-98	-0.5
1080020	1	2990	BENZENE	5	12-Jan-98	-0.5
1080020	1	2982	CARBON TETRACHLORIDE	5	12-Jan-98	-0.5
1080020	1	2969	p-DICHLOROBENZENE	75	12-Jan-98	-0.5
1080020	1	2977	1,1-DICHLOROETHYLENE	7	12-Jan-98	-0.5
1080020	1	2980	1,2-DICHLOROETHANE	5	12-Jan-98	-0.5
1080020	1	2380	cis-1,2-DICHLOROETHYLENE	70	12-Jan-98	-0.5
1080020	1	2968	o-DICHLOROBENZENE	600	12-Jan-98	-0.5
1080020	1	2983	1,2-DICHLOROPROPANE	5	12-Jan-98	-0.5
1080020	1	2987	TETRACHLOROETHYLENE	5	12-Jan-98	-0.5
1080020	1	2989	MONOCHLOROBENZENE	100	12-Jan-98	-0.5
1080020	1	2991	TOLUENE	1000	12-Jan-98	-0.5
1080020	1	2992	ETHYLBENZENE	700	12-Jan-98	-0.5
1080020	1	2955	XYLENES, TOTAL	10000	12-Jan-98	-1
1080020	1	2943	BROMODICHLOROMETHANE		12-Jan-98	-0.5
1080020	1	2981	1,1,1-TRICHLOROETHANE	200	12-Jan-98	-0.5
1080020	1	2984	TRICHLOROETHYLENE	5	12-Jan-98	-0.5
1080020	1	2976	VINYL CHLORIDE	2	12-Jan-98	-0.5
1080020	1	2979	trans-1,2-DICHLOROETHYLENE	100	12-Jan-98	-0.5
1080020	1	2942	BROMOFORM		12-Jan-98	-0.5
1080020	1	2941	CHLOROFORM		12-Jan-98	-0.5
1080020	1	2944	DIBROMOCHLOROMETHANE		12-Jan-98	-0.5
1080020	1	2210	CHLOROMETHANE		12-Jan-98	-0.5
1080020	1	2214	BROMOMETHANE		12-Jan-98	-0.5
1080020	1	2216	CHLOROETHANE		12-Jan-98	-0.5
1080020	1	2978	1,1-DICHLOROETHANE		12-Jan-98	-0.5
1080020	1	2418	1,2,4-TRIMETHYLBENZENE		12-Jan-98	-0.5
1080020	1	2996	STYRENE	100	12-Jan-98	-0.5
1080020	1	2964	METHYLENE CHLORIDE	5	12-Jan-98	-0.5
1080020	1	2378	1,2,4-TRICHLOROBENZENE	70	12-Jan-98	-0.5
1080020	1	2985	1,1,2-TRICHLOROETHANE	5	12-Jan-98	-0.5
1080020	1	2420	1,2,3-TRICHLOROBENZENE		12-Jan-98	-0.5
1080020	1	2998	n-PROPYLBENZENE		12-Jan-98	-0.5
1080020	1	2422	N-BUTYLBENZENE		12-Jan-98	-0.5
1080020	1	2248	NAPHTHALENE		12-Jan-98	-0.5
1080020	1	2246	HEXACHLOROBUTADIENE		12-Jan-98	-0.5
1080020	1	2994	ISOPROPYLBENZENE		12-Jan-98	-0.5
1080020	1	2414	1,2,3-TRICHLOROPROPANE		12-Jan-98	-0.5
1080020	1	2218	TRICHLOROFLUOROMETHANE		12-Jan-98	-0.5
1080020	1	2410	1,1-DICHLOROPROPENE		12-Jan-98	-0.5
1080020	1	2413	1,3-DICHLOROPROPENE		12-Jan-98	-0.5

Table 5 (Continued), Total VOC water quality samples collected for transient systems.

PWSID	Plant	Contaminant	Contaminant Name	MCL	Sample Date	Result
1080020	1	2988	1,1,2,2-TETRACHLOROETHANE		12-Jan-98	-0.5
1080020	1	2412	1,3-DICHLOROPROPANE		12-Jan-98	-0.5
1080020	1	2416	2,2-DICHLOROPROPANE		12-Jan-98	-0.5
1080020	1	2965	o-CHLOROTOLUENE		12-Jan-98	-0.5
1080020	1	2966	p-CHLOROTOLUENE		12-Jan-98	-0.5
1080020	1	2993	BROMOBENZENE		12-Jan-98	-0.5
1080020	1	2030	P-ISOPROPYLTOLUENE		12-Jan-98	-0.5
1080020	1	2408	DIBROMOMETHANE		12-Jan-98	-0.5
1080020	1	2426	TERT-BUTYLBENZENE		12-Jan-98	-0.5
1080020	1	2428	SEC-BUTYLBENZENE		12-Jan-98	-0.5
1080020	1	2967	m-DICHLOROBENZENE		12-Jan-98	-0.5
1080020	1	2986	1,1,1,2-TETRACHLOROETHANE		12-Jan-98	-0.5
1080020	1	2946	ETHYLENE DIBROMIDE (EDB)	0.05	12-Jan-98	-0.5
1080037	1	2251	METHYL-TERT-BUTYL-ETHER		29-Feb-96	-0.5
1080037	1	2982	CARBON TETRACHLORIDE	5	29-Feb-96	-0.5
1080037	1	2969	p-DICHLOROBENZENE	75	29-Feb-96	-0.5
1080037	1	2977	1,1-DICHLOROETHYLENE	7	29-Feb-96	-0.5
1080037	1	2980	1,2-DICHLOROETHANE	5	29-Feb-96	-0.5
1080037	1	2944	DIBROMOCHLOROMETHANE		29-Feb-96	-0.5
1080037	1	2941	CHLOROFORM		29-Feb-96	-0.5
1080037	1	2942	BROMOFORM		29-Feb-96	-0.5
1080037	1	2943	BROMODICHLOROMETHANE		29-Feb-96	-0.5
1080037	1	2985	1,1,2-TRICHLOROETHANE	5	29-Feb-96	-0.5
1080037	1	2378	1,2,4-TRICHLOROBENZENE	70	29-Feb-96	-0.5
1080037	1	2964	METHYLENE CHLORIDE	5	29-Feb-96	-0.5
1080037	1	2996	STYRENE	100	29-Feb-96	-0.5
1080037	1	2955	XYLENES, TOTAL	10000	29-Feb-96	-0.5
1080037	1	2992	ETHYLBENZENE	700	29-Feb-96	-0.5
1080037	1	2991	TOLUENE	1000	29-Feb-96	-0.5
1080037	1	2989	MONOCHLOROBENZENE	100	29-Feb-96	-0.5
1080037	1	2987	TETRACHLOROETHYLENE	5	29-Feb-96	-0.5
1080037	1	2983	1,2-DICHLOROPROPANE	5	29-Feb-96	-0.5
1080037	1	2968	o-DICHLOROBENZENE	600	29-Feb-96	-0.5
1080037	1	2380	cis-1,2-DICHLOROETHYLENE	70	29-Feb-96	-0.5
1080037	1	2210	CHLOROMETHANE		29-Feb-96	-0.5
1080037	1	2979	trans-1,2-DICHLOROETHYLENE	100	29-Feb-96	-0.5
1080037	1	2976	VINYL CHLORIDE	2	29-Feb-96	-0.5
1080037	1	2984	TRICHLOROETHYLENE	5	29-Feb-96	-0.5
1080037	1	2981	1,1,1-TRICHLOROETHANE	200	29-Feb-96	-0.5
1080037	1	2990	BENZENE	5	29-Feb-96	-0.5
1080037	1	2214	BROMOMETHANE		29-Feb-96	-0.5
1080037	1	2216	CHLOROETHANE		29-Feb-96	-0.5
1080037	1	2410	1,1-DICHLOROPROPENE		29-Feb-96	-0.5
1080037	1	2988	1,1,2,2-TETRACHLOROETHANE		29-Feb-96	-0.5
1080037	1	2416	2,2-DICHLOROPROPANE		29-Feb-96	-0.5
1080037	1	2966	p-CHLOROTOLUENE		29-Feb-96	-0.5
1080037	1	2418	1,2,4-TRIMETHYLBENZENE		29-Feb-96	-0.5
1080037	1	2998	n-PROPYLBENZENE		29-Feb-96	-0.5
1080037	1	2248	NAPHTHALENE		29-Feb-96	-0.5
1080037	1	2962	p-XYLENE		29-Feb-96	-0.5

Table 5 (Continued), Total VOC water quality samples collected for transient systems.

PWSID	Plant	Contaminant	Contaminant Name	MCL	Sample Date	Result
1080037	1	2408	DIBROMOMETHANE		29-Feb-96	-0.5
1080037	1	2430	BROMOCHLOROMETHANE		29-Feb-96	-0.5
1080037	1	2030	P-ISOPROPYLTOLUENE		29-Feb-96	-0.5
1080037	1	2424	1,3,5-TRIMETHYLBENZENE		29-Feb-96	-0.5
1080037	1	2218	TRICHLOROFLUOROMETHANE		29-Feb-96	-0.5
1080037	1	2414	1,2,3-TRICHLOROPROPANE		29-Feb-96	-0.5
1080037	1	2994	ISOPROPYLBENZENE		29-Feb-96	-0.5
1080037	1	2246	HEXACHLOROBUTADIENE		29-Feb-96	-0.5
1080037	1	2251	METHYL-TERT-BUTYL-ETHER		29-Feb-96	-0.5
1080037	1	2931	1,2-DIBROMO-3-CHLOROPROPANE	0.2	29-Feb-96	-0.5
1080037	1	2946	ETHYLENE DIBROMIDE (EDB)	0.05	29-Feb-96	-0.5
1080037	1	2986	1,1,1,2-TETRACHLOROETHANE		29-Feb-96	-0.5
1080037	1	2967	m-DICHLOROBENZENE		29-Feb-96	-0.5
1080037	1	2212	DICHLORODIFLUOROMETHANE		29-Feb-96	-0.5
1080037	1	2428	SEC-BUTYLBENZENE		29-Feb-96	-0.5
1080037	1	2426	TERT-BUTYLBENZENE		29-Feb-96	-0.5
1080037	1	2995	m-XYLENE		29-Feb-96	-0.5
1080037	1	2997	o-XYLENE		29-Feb-96	-0.5
1080037	1	2422	N-BUTYLBENZENE		29-Feb-96	-0.5
1080037	1	2420	1,2,3-TRICHLOROBENZENE		29-Feb-96	-0.5
1080037	1	2993	BROMOBENZENE		29-Feb-96	-0.5
1080037	1	2965	o-CHLOROTOLUENE		29-Feb-96	-0.5
1080037	1	2412	1,3-DICHLOROPROPANE		29-Feb-96	-0.5
1080037	1	2413	1,3-DICHLOROPROPENE		29-Feb-96	-0.5
1080037	1	2978	1,1-DICHLOROETHANE		29-Feb-96	-0.5
1080037	1	2216	CHLOROETHANE		18-Apr-96	-0.5
1080037	1	2251	METHYL-TERT-BUTYL-ETHER		18-Apr-96	-0.5
1080037	1	2946	ETHYLENE DIBROMIDE (EDB)	0.05	18-Apr-96	-0.5
1080037	1	2986	1,1,1,2-TETRACHLOROETHANE		18-Apr-96	-0.5
1080037	1	2967	m-DICHLOROBENZENE		18-Apr-96	-0.5
1080037	1	2212	DICHLORODIFLUOROMETHANE		18-Apr-96	-0.5
1080037	1	2428	SEC-BUTYLBENZENE		18-Apr-96	-0.5
1080037	1	2426	TERT-BUTYLBENZENE		18-Apr-96	-0.5
1080037	1	2995	m-XYLENE		18-Apr-96	-0.5
1080037	1	2997	o-XYLENE		18-Apr-96	-0.5
1080037	1	2962	p-XYLENE		18-Apr-96	-0.5
1080037	1	2931	1,2-DIBROMO-3-CHLOROPROPANE	0.2	18-Apr-96	-0.5
1080037	1	2408	DIBROMOMETHANE		18-Apr-96	-0.5
1080037	1	2430	BROMOCHLOROMETHANE		18-Apr-96	-0.5
1080037	1	2030	P-ISOPROPYLTOLUENE		18-Apr-96	-0.5
1080037	1	2424	1,3,5-TRIMETHYLBENZENE		18-Apr-96	-0.5
1080037	1	2218	TRICHLOROFLUOROMETHANE		18-Apr-96	-0.5
1080037	1	2414	1,2,3-TRICHLOROPROPANE		18-Apr-96	-0.5
1080037	1	2994	ISOPROPYLBENZENE		18-Apr-96	-0.5
1080037	1	2246	HEXACHLOROBUTADIENE		18-Apr-96	-0.5
1080037	1	2248	NAPHTHALENE		18-Apr-96	-0.5
1080037	1	2422	N-BUTYLBENZENE		18-Apr-96	-0.5
1080037	1	2998	n-PROPYLBENZENE		18-Apr-96	-0.5
1080037	1	2420	1,2,3-TRICHLOROBENZENE		18-Apr-96	-0.5
1080037	1	2418	1,2,4-TRIMETHYLBENZENE		18-Apr-96	-0.5

Table 5 (Continued), Total VOC water quality samples collected for transient systems.

PWSID	Plant	Contaminant	Contaminant Name	MCL	Sample Date	Result
1080037	1	2993	BROMOBENZENE		18-Apr-96	-0.5
1080037	1	2966	p-CHLOROTOLUENE		18-Apr-96	-0.5
1080037	1	2965	o-CHLOROTOLUENE		18-Apr-96	-0.5
1080037	1	2416	2,2-DICHLOROPROPANE		18-Apr-96	-0.5
1080037	1	2412	1,3-DICHLOROPROPANE		18-Apr-96	-0.5
1080037	1	2988	1,1,2,2-TETRACHLOROETHANE		18-Apr-96	-0.5
1080037	1	2413	1,3-DICHLOROPROPENE		18-Apr-96	-0.5
1080037	1	2410	1,1-DICHLOROPROPENE		18-Apr-96	-0.5
1080037	1	2978	1,1-DICHLOROETHANE		18-Apr-96	-0.5
1080037	1	2251	METHYL-TERT-BUTYL-ETHER		18-Apr-96	-0.5
1080037	1	2982	CARBON TETRACHLORIDE	5	18-Apr-96	-0.5
1080037	1	2977	1,1-DICHLOROETHYLENE	7	18-Apr-96	-0.5
1080037	1	2210	CHLOROMETHANE		18-Apr-96	-0.5
1080037	1	2944	DIBROMOCHLOROMETHANE		18-Apr-96	-0.5
1080037	1	2941	CHLOROFORM		18-Apr-96	1
1080037	1	2942	BROMOFORM		18-Apr-96	-0.5
1080037	1	2943	BROMODICHLOROMETHANE		18-Apr-96	-0.5
1080037	1	2985	1,1,2-TRICHLOROETHANE	5	18-Apr-96	-0.5
1080037	1	2378	1,2,4-TRICHLOROBENZENE	70	18-Apr-96	-0.5
1080037	1	2964	METHYLENE CHLORIDE	5	18-Apr-96	-0.5
1080037	1	2996	STYRENE	100	18-Apr-96	-0.5
1080037	1	2214	BROMOMETHANE		18-Apr-96	-0.5
1080037	1	2955	XYLENES, TOTAL	10000	18-Apr-96	-0.5
1080037	1	2992	ETHYLBENZENE	700	18-Apr-96	-0.5
1080037	1	2991	TOLUENE	1000	18-Apr-96	-0.5
1080037	1	2989	MONOCHLOROBENZENE	100	18-Apr-96	-0.5
1080037	1	2987	TETRACHLOROETHYLENE	5	18-Apr-96	-0.5
1080037	1	2983	1,2-DICHLOROPROPANE	5	18-Apr-96	-0.5
1080037	1	2968	o-DICHLOROBENZENE	600	18-Apr-96	-0.5
1080037	1	2380	cis-1,2-DICHLOROETHYLENE	70	18-Apr-96	-0.5
1080037	1	2979	trans-1,2-DICHLOROETHYLENE	100	18-Apr-96	-0.5
1080037	1	2976	VINYL CHLORIDE	2	18-Apr-96	-0.5
1080037	1	2984	TRICHLOROETHYLENE	5	18-Apr-96	-0.5
1080037	1	2981	1,1,1-TRICHLOROETHANE	200	18-Apr-96	-0.5
1080037	1	2980	1,2-DICHLOROETHANE	5	18-Apr-96	-0.5
1080037	1	2969	p-DICHLOROBENZENE	75	18-Apr-96	-0.5
1080037	1	2990	BENZENE	5	18-Apr-96	-0.5
1080037	1	2251	METHYL-TERT-BUTYL-ETHER		29-Aug-96	-0.5
1080037	1	2214	BROMOMETHANE		29-Aug-96	-0.5
1080037	1	2210	CHLOROMETHANE		29-Aug-96	-0.5
1080037	1	2944	DIBROMOCHLOROMETHANE		29-Aug-96	-0.5
1080037	1	2941	CHLOROFORM		29-Aug-96	1
1080037	1	2942	BROMOFORM		29-Aug-96	-0.5
1080037	1	2943	BROMODICHLOROMETHANE		29-Aug-96	-0.5
1080037	1	2985	1,1,2-TRICHLOROETHANE	5	29-Aug-96	-0.5
1080037	1	2378	1,2,4-TRICHLOROBENZENE	70	29-Aug-96	-0.5
1080037	1	2964	METHYLENE CHLORIDE	5	29-Aug-96	-0.5
1080037	1	2989	MONOCHLOROBENZENE	100	29-Aug-96	-0.5
1080037	1	2987	TETRACHLOROETHYLENE	5	29-Aug-96	-0.5
1080037	1	2983	1,2-DICHLOROPROPANE	5	29-Aug-96	-0.5

Table 5 (Continued), Total VOC water quality samples collected for transient systems.

PWSID	Plant	Contaminant	Contaminant Name	MCL	Sample Date	Result
1080037	1	2968	o-DICHLOROBENZENE	600	29-Aug-96	-0.5
1080037	1	2380	cis-1,2-DICHLOROETHYLENE	70	29-Aug-96	-0.5
1080037	1	2979	trans-1,2-DICHLOROETHYLENE	100	29-Aug-96	-0.5
1080037	1	2976	VINYL CHLORIDE	2	29-Aug-96	-0.5
1080037	1	2984	TRICHLOROETHYLENE	5	29-Aug-96	-0.5
1080037	1	2981	1,1,1-TRICHLOROETHANE	200	29-Aug-96	-0.5
1080037	1	2996	STYRENE	100	29-Aug-96	-0.5
1080037	1	2955	XYLENES, TOTAL	10000	29-Aug-96	-0.5
1080037	1	2992	ETHYLBENZENE	700	29-Aug-96	-0.5
1080037	1	2991	TOLUENE	1000	29-Aug-96	-0.5
1080037	1	2980	1,2-DICHLOROETHANE	5	29-Aug-96	-0.5
1080037	1	2977	1,1-DICHLOROETHYLENE	7	29-Aug-96	-0.5
1080037	1	2969	p-DICHLOROBENZENE	75	29-Aug-96	-0.5
1080037	1	2982	CARBON TETRACHLORIDE	5	29-Aug-96	-0.5
1080037	1	2990	BENZENE	5	29-Aug-96	-0.5
1080037	1	2216	CHLOROETHANE		29-Aug-96	-0.5
1080037	1	2413	1,3-DICHLOROPROPENE		29-Aug-96	-0.5
1080037	1	2251	METHYL-TERT-BUTYL-ETHER		29-Aug-96	-0.5
1080037	1	2931	1,2-DIBROMO-3-CHLOROPROPANE	0.2	29-Aug-96	-0.5
1080037	1	2946	ETHYLENE DIBROMIDE (EDB)	0.05	29-Aug-96	-0.5
1080037	1	2986	1,1,1,2-TETRACHLOROETHANE		29-Aug-96	-0.5
1080037	1	2967	m-DICHLOROBENZENE		29-Aug-96	-0.5
1080037	1	2212	DICHLORODIFLUOROMETHANE		29-Aug-96	-0.5
1080037	1	2428	SEC-BUTYLBENZENE		29-Aug-96	-0.5
1080037	1	2426	TERT-BUTYLBENZENE		29-Aug-96	-0.5
1080037	1	2995	m-XYLENE		29-Aug-96	-0.5
1080037	1	2997	o-XYLENE		29-Aug-96	-0.5
1080037	1	2962	p-XYLENE		29-Aug-96	-0.5
1080037	1	2408	DIBROMOMETHANE		29-Aug-96	-0.5
1080037	1	2430	BROMOCHLOROMETHANE		29-Aug-96	-0.5
1080037	1	2030	P-ISOPROPYLTOLUENE		29-Aug-96	-0.5
1080037	1	2424	1,3,5-TRIMETHYLBENZENE		29-Aug-96	-0.5
1080037	1	2218	TRICHLOROFLUOROMETHANE		29-Aug-96	-0.5
1080037	1	2414	1,2,3-TRICHLOROPROPANE		29-Aug-96	-0.5
1080037	1	2994	ISOPROPYLBENZENE		29-Aug-96	-0.5
1080037	1	2246	HEXACHLOROBUTADIENE		29-Aug-96	-0.5
1080037	1	2248	NAPHTHALENE		29-Aug-96	-0.5
1080037	1	2422	N-BUTYLBENZENE		29-Aug-96	-0.5
1080037	1	2998	n-PROPYLBENZENE		29-Aug-96	-0.5
1080037	1	2420	1,2,3-TRICHLOROBENZENE		29-Aug-96	-0.5
1080037	1	2418	1,2,4-TRIMETHYLBENZENE		29-Aug-96	-0.5
1080037	1	2993	BROMOBENZENE		29-Aug-96	-0.5
1080037	1	2966	p-CHLOROTOLUENE		29-Aug-96	-0.5
1080037	1	2965	o-CHLOROTOLUENE		29-Aug-96	-0.5
1080037	1	2416	2,2-DICHLOROPROPANE		29-Aug-96	-0.5
1080037	1	2412	1,3-DICHLOROPROPANE		29-Aug-96	-0.5
1080037	1	2988	1,1,2,2-TETRACHLOROETHANE		29-Aug-96	-0.5
1080037	1	2410	1,1-DICHLOROPROPENE		29-Aug-96	-0.5
1080037	1	2978	1,1-DICHLOROETHANE		29-Aug-96	-0.5
1080037	1	2216	CHLOROETHANE		4-Nov-96	-0.5

Table 5 (Continued), Total VOC water quality samples collected for transient systems.

PWSID	Plant	Contaminant	Contaminant Name	MCL	Sample Date	Result
1080037	1	2978	1,1-DICHLOROETHANE		4-Nov-96	-0.5
1080037	1	2251	METHYL-TERT-BUTYL-ETHER		4-Nov-96	-0.5
1080037	1	2931	1,2-DIBROMO-3-CHLOROPROPANE	0.2	4-Nov-96	-0.5
1080037	1	2946	ETHYLENE DIBROMIDE (EDB)	0.05	4-Nov-96	-0.5
1080037	1	2986	1,1,1,2-TETRACHLOROETHANE		4-Nov-96	-0.5
1080037	1	2967	m-DICHLOROBENZENE		4-Nov-96	-0.5
1080037	1	2212	DICHLORODIFLUOROMETHANE		4-Nov-96	-0.5
1080037	1	2428	SEC-BUTYLBENZENE		4-Nov-96	-0.5
1080037	1	2426	TERT-BUTYLBENZENE		4-Nov-96	-0.5
1080037	1	2995	m-XYLENE		4-Nov-96	-0.5
1080037	1	2997	o-XYLENE		4-Nov-96	-0.5
1080037	1	2962	p-XYLENE		4-Nov-96	-0.5
1080037	1	2408	DIBROMOMETHANE		4-Nov-96	-0.5
1080037	1	2430	BROMOCHLOROMETHANE		4-Nov-96	-0.5
1080037	1	2030	P-ISOPROPYLTOLUENE		4-Nov-96	-0.5
1080037	1	2424	1,3,5-TRIMETHYLBENZENE		4-Nov-96	-0.5
1080037	1	2218	TRICHLOROFLUOROMETHANE		4-Nov-96	-0.5
1080037	1	2414	1,2,3-TRICHLOROPROPANE		4-Nov-96	-0.5
1080037	1	2994	ISOPROPYLBENZENE		4-Nov-96	-0.5
1080037	1	2246	HEXACHLOROBUTADIENE		4-Nov-96	-0.5
1080037	1	2248	NAPHTHALENE		4-Nov-96	-0.5
1080037	1	2422	N-BUTYLBENZENE		4-Nov-96	-0.5
1080037	1	2998	n-PROPYLBENZENE		4-Nov-96	-0.5
1080037	1	2420	1,2,3-TRICHLOROBENZENE		4-Nov-96	-0.5
1080037	1	2418	1,2,4-TRIMETHYLBENZENE		4-Nov-96	-0.5
1080037	1	2993	BROMOBENZENE		4-Nov-96	-0.5
1080037	1	2966	p-CHLOROTOLUENE		4-Nov-96	-0.5
1080037	1	2965	o-CHLOROTOLUENE		4-Nov-96	-0.5
1080037	1	2416	2,2-DICHLOROPROPANE		4-Nov-96	-0.5
1080037	1	2412	1,3-DICHLOROPROPANE		4-Nov-96	-0.5
1080037	1	2988	1,1,2,2-TETRACHLOROETHANE		4-Nov-96	-0.5
1080037	1	2413	1,3-DICHLOROPROPENE		4-Nov-96	-0.5
1080037	1	2410	1,1-DICHLOROPROPENE		4-Nov-96	-0.5
1080037	1	2251	METHYL-TERT-BUTYL-ETHER		4-Nov-96	-0.5
1080037	1	2982	CARBON TETRACHLORIDE	5	4-Nov-96	-0.5
1080037	1	2990	BENZENE	5	4-Nov-96	-0.5
1080037	1	2210	CHLOROMETHANE		4-Nov-96	-0.5
1080037	1	2944	DIBROMOCHLOROMETHANE		4-Nov-96	-0.5
1080037	1	2941	CHLOROFORM		4-Nov-96	-0.5
1080037	1	2942	BROMOFORM		4-Nov-96	-0.5
1080037	1	2943	BROMODICHLOROMETHANE		4-Nov-96	-0.5
1080037	1	2985	1,1,2-TRICHLOROETHANE	5	4-Nov-96	-0.5
1080037	1	2378	1,2,4-TRICHLOROBENZENE	70	4-Nov-96	-0.5
1080037	1	2964	METHYLENE CHLORIDE	5	4-Nov-96	-0.5
1080037	1	2989	MONOCHLOROBENZENE	100	4-Nov-96	-0.5
1080037	1	2987	TETRACHLOROETHYLENE	5	4-Nov-96	-0.5
1080037	1	2983	1,2-DICHLOROPROPANE	5	4-Nov-96	-0.5
1080037	1	2968	o-DICHLOROBENZENE	600	4-Nov-96	-0.5
1080037	1	2380	cis-1,2-DICHLOROETHYLENE	70	4-Nov-96	-0.5
1080037	1	2979	trans-1,2-DICHLOROETHYLENE	100	4-Nov-96	-0.5

Table 5 (Continued), Total VOC water quality samples collected for transient systems.

PWSID	Plant	Contaminant	Contaminant Name	MCL	Sample Date	Result
1080037	1	2976	VINYL CHLORIDE	2	4-Nov-96	-0.5
1080037	1	2984	TRICHLOROETHYLENE	5	4-Nov-96	-0.5
1080037	1	2981	1,1,1-TRICHLOROETHANE	200	4-Nov-96	-0.5
1080037	1	2214	BROMOMETHANE		4-Nov-96	-0.5
1080037	1	2996	STYRENE	100	4-Nov-96	-0.5
1080037	1	2955	XYLENES, TOTAL	10000	4-Nov-96	-0.5
1080037	1	2992	ETHYLBENZENE	700	4-Nov-96	-0.5
1080037	1	2991	TOLUENE	1000	4-Nov-96	-0.5
1080037	1	2980	1,2-DICHLOROETHANE	5	4-Nov-96	-0.5
1080037	1	2977	1,1-DICHLOROETHYLENE	7	4-Nov-96	-0.5
1080037	1	2969	p-DICHLOROBENZENE	75	4-Nov-96	-0.5

Table 5 (Continued), Total VOC water quality samples collected for transient systems.

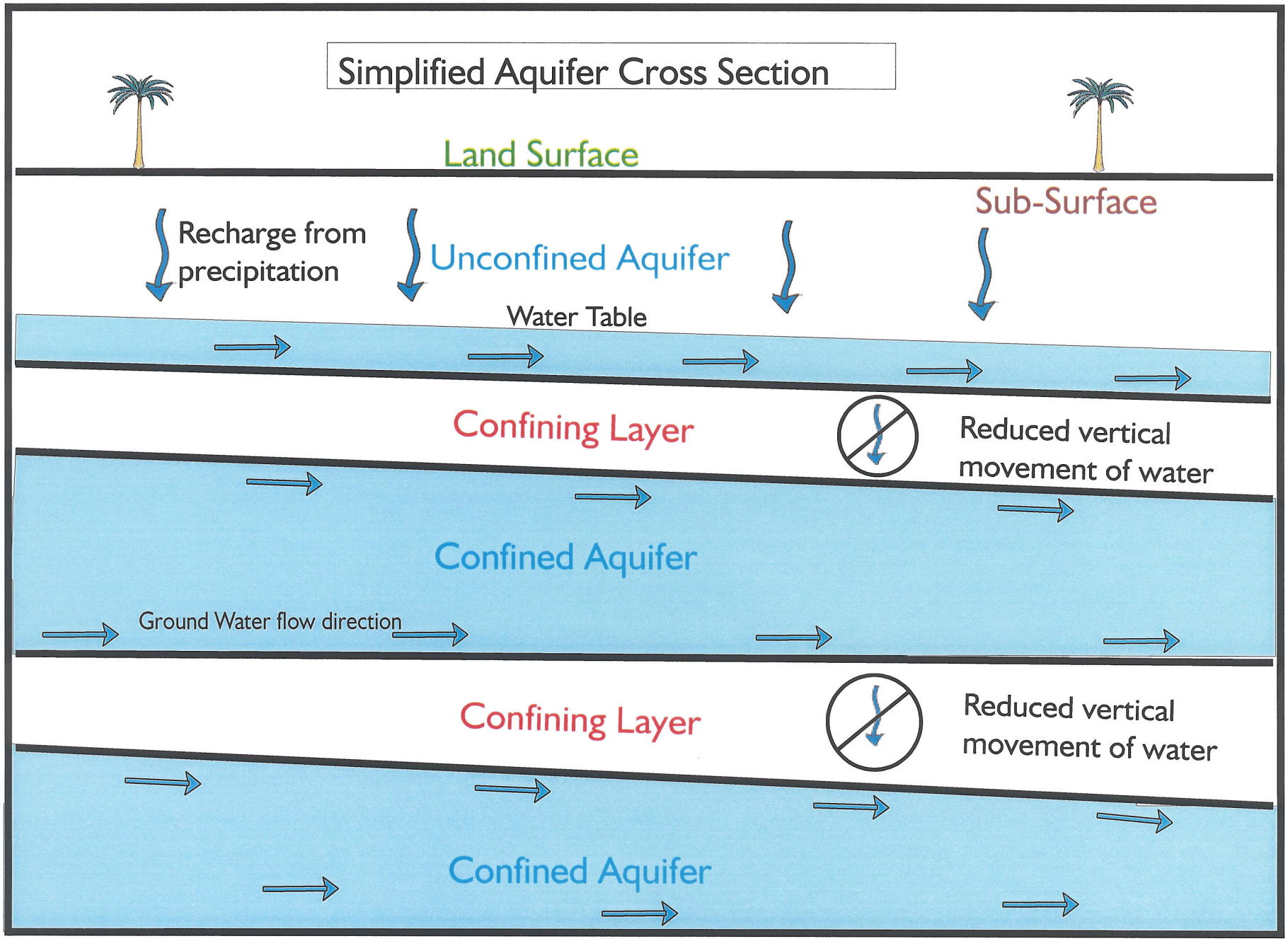
Simplified Aquifer Cross Section
Land Surface
Sub-Surface
Recharge from precipitation
Unconfined Aquifer
Water Table
Confining Layer
Reduced vertical movement of water
Confined Aquifer
Ground Water flow direction
Confining Layer
Reduced vertical movement of water
Confined Aquifer

Figure 2
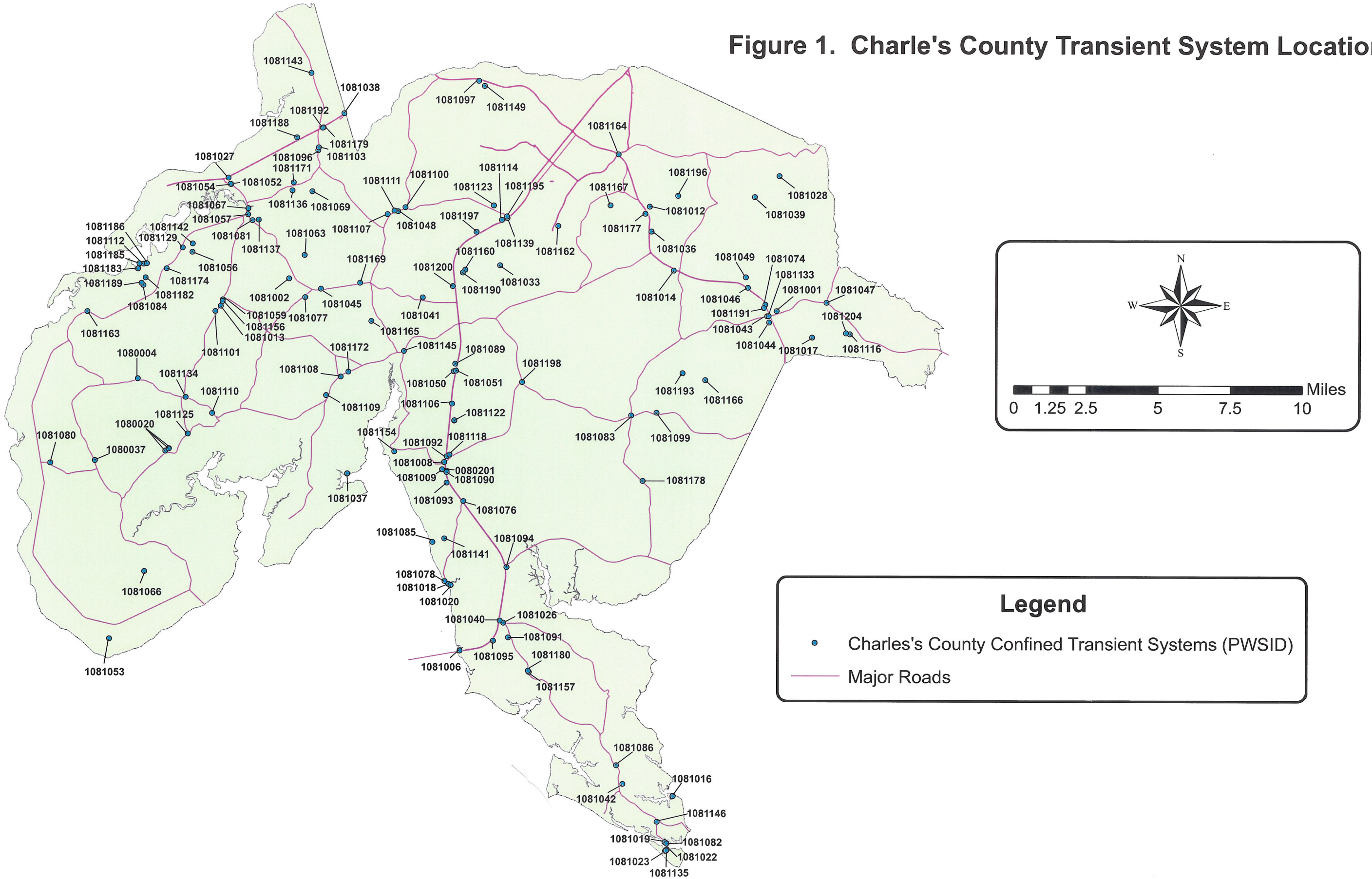
Figure 1. Charle's County Transient System Locations