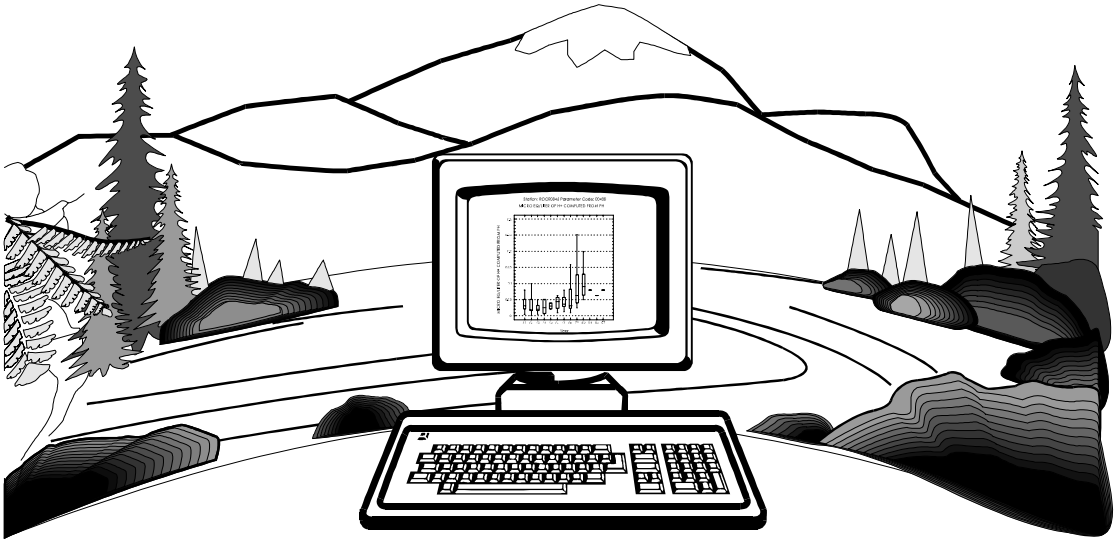
Baseline Water Quality Data

Inventory and Analysis

Palo Alto Battlefield National Historic Site



Water Resources Division and Servicewide Inventory and Monitoring Program

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BASELINE WATER QUALITY DATA

INVENTORY AND ANALYSIS

PALO ALTO BATTLEFIELD NATIONAL HISTORIC SITE

National Park Service
Water Resources Division
Fort Collins, CO 80525

Technical Report NPS/NRWRD/NRTR-99/239

AUGUST 2000

United States Department of the Interior
National Park Service
Washington, D.C.

EXECUTIVE SUMMARY

This document presents the results of surface-water-quality data retrievals for Palo Alto Battlefield National Historic Site (PAAL) from six of the United States Environmental Protection Agency's (EPA) national databases: (1) Storage and Retrieval (STORET) water quality database management system; (2) River Reach File (RF3); (3) Industrial Facilities Discharge (IFD); (4) Drinking Water Supplies (DRINKS); (5) Water Gages (GAGES); and (6) Water Impoundments (DAMS). This document is one product resulting from a cooperative contractual endeavor between the National Park Service's (NPS) Servicewide Inventory and Monitoring Program, the National Park Service's Water Resources Division (WRD), and Horizon Systems Corporation to retrieve, format, and analyze surface water quality data for all units of the National Park System containing significant water resources. The primary goal of the project is to provide descriptive water quality information in a manner and format that is both consistent with the goals of the Servicewide Inventory and Monitoring Program and useable by park resource managers. The document provides: (1) a complete inventory of all retrieved water quality parameter data, water quality stations, and the entities responsible for the data collection; (2) descriptive statistics and appropriate graphical plots of water quality data characterizing period of record, annual, and seasonal central tendencies and trends; (3) a comparison of the park's water quality data to relevant EPA and WRD water quality screening criteria; and (4) an Inventory Data Evaluation and Analysis (IDEA) to determine what Servicewide Inventory and Monitoring Program "Level I" water quality parameters have been measured within the study area. Accompanying the report are disks containing digital copies of all data used in the report, as well as all components of the report (tables, figures, etc.).

The results of the retrievals for the study area from the IFD, DRINKS, GAGES, and DAMS databases located no industrial/municipal dischargers; no drinking water intakes; one active U. S. Geological Survey (USGS) stream gage; and 19 water impoundments. The results of the STORET retrieval for the study area yielded 32,945 observations for 902 separate parameters collected by the NPS, USGS, EPA, and Texas Natural Resource Conservation Commission at 21 monitoring stations from 1959 through 1997. Approximately 39 percent of the 32,945 observations within the study were collected by the USGS from 1966 through 1997. No stations were located within the park boundary. Two stations within the study area were established but contained no data.

Many of the monitoring stations represent either one-time or intensive single-year sampling efforts by the collecting agencies. Ten stations within the study area, but outside of the park boundary, yielded longer-term records consisting of multiple observations for several important water quality parameters (see Station Period of Record Tabulation). The stations yielding the longest-term records within the study area are: (1) Rio Grande near Brownsville (PAAL 0012); (2) Rio Grande International Bridge at U.S. Route 77 at Brownsville (PAAL 0015); (3) Rio Grande at Brownsville (PAAL 0018); (4) Rio Grande at El Jardin Pumping Station (PAAL 0011); (5) Rio Grande River at Mission (PAAL 0017); and (6) 1232002 Laguna Madre Es Line 320 Site 02 (Brownsville Ship Channel) (PAAL 0009)[†].

Screening criteria consisting of published EPA water-quality criteria and instantaneous concentration values selected by the WRD were used to identify potential water quality problems within the study area. While the criteria represent important threshold concentrations of pollutants, it is important to remember that criteria may have been exceeded due to any number of natural or anthropogenic factors, including errors in field, laboratory, and/or recording procedures. The reader is advised to read the Introduction for additional caveats in interpreting the exceeded criteria in this report. The results of the PAAL water quality criteria screen found 16 groups of parameters that exceeded screening criteria at least once within the study area. Dissolved oxygen, pH, chromium, copper, mercury, silver, and zinc exceeded their respective EPA criteria for the protection of freshwater aquatic life. Dissolved oxygen, pH, and copper exceeded their EPA criteria for the protection of marine aquatic life. Chloride, sulfate, chromium, lead, mercury, nickel, bis (2-ethylhexyl) phthalate, and carbon chloroform exceeded their respective EPA drinking water criteria. Fecal-indicator bacteria concentrations (total coliform and fecal coliform) and turbidity exceeded the WRD screening limits for freshwater bathing and aquatic life, respectively.

[†]Water quality station location descriptions are verbatim from STORET. Any misspellings and abbreviations in STORET are replicated in this document.

Dissolved oxygen concentrations were measured 841 times at 12 monitoring stations from 1960 through 1997. Eighty-six concentrations at seven stations, in the Brownsville Ship Channel (PAAL 0001, PAAL 0002, PAAL 0004, PAAL 0009), the Rio Grande near Brownsville (PAAL 0012, PAAL 0018), and Resaca de los Cuates (PAAL 0019), were less than or equal to the 4 milligrams per liter (mg/L) EPA criterion for the protection of aquatic life from 1962 through 1986. Approximately 95 percent of the observations less than or equal to 4 mg/L were reported at four stations in the Brownsville Ship Channel (PAAL 0001, PAAL 0002, PAAL 0004, PAAL 0009) from 1968 through 1980.

The pH was measured 1,200 times at 12 monitoring stations from 1959 through 1997. Twenty concentrations at five stations, in the Brownsville Ship Channel (PAAL 0002, PAAL 0004, PAAL 0009) and the Rio Grande (PAAL 0011, PAAL 0015), were outside the pH ranges of 6.5 to 8.5 standard units (SU) (EPA chronic criteria for marine aquatic life) or 6.5 to 9.0 SU (EPA chronic criteria for freshwater aquatic life) from 1973 through 1995. Eight concentrations at two non-marine stations in the Rio Grande, near the El Jardin Pumping Station (PAAL 0011) and at the U. S. Route 77 International Bridge (PAAL 0015), were greater than or equal to pH 9.0 from 1983 through 1995. Seven concentrations at three marine (estuary) stations in the Brownsville Ship Channel (PAAL 0002, PAAL 0004, PAAL 0009) were greater than or equal to pH 8.5 during 1973 and 1978. Five concentrations in the Rio Grande at the U. S. Route 77 International Bridge (PAAL 0015) were less than or equal to pH 6.5 from 1973 through 1986. The highest pH of 9.2 SU was reported three times at three stations, in the Rio Grande (PAAL 0011, PAAL 0015) and Brownsville Ship Channel (PAAL 0002), from 1978 through 1995. The lowest pH of 4.40 SU was reported in the Rio Grande at the U. S. Route 77 International Bridge (PAAL 0015) in February 1973.

Turbidity concentrations were measured 714 times at eight monitoring stations from 1959 through 1997. Two-hundred-twenty-two concentrations at seven stations, in the Rio Grande near Brownsville (PAAL 0011, PAAL 0012, PAAL 0015, PAAL 0016, PAAL 0018) and Brownsville Ship Channel (PAAL 0002, PAAL 0004), equaled or exceeded the WRD screening criterion of 50 Jackson Candle/Formazin/Nephelometric Turbidity Units (JTU/FTU/NTU) from 1959 through 1996. Approximately 52 percent of these 222 concentrations were reported in the Rio Grande in west Brownsville (PAAL 0018) from 1959 through 1971, including the highest concentration of 2,940 JTU in October 1967.

Total coliform concentrations were measured 519 times at five monitoring stations (PAAL 0009, PAAL 0011, PAAL 0012, PAAL 0015, PAAL 0018) from 1960 through 1984. One-hundred-seventy-one concentrations at four stations in the Rio Grande near Brownsville (PAAL 0011, PAAL 0012, PAAL 0015, PAAL 0018) equaled or exceeded the WRD bathing water screening criterion of 1,000 Colony Forming Units/Most Probable Number per 100 milliliters (CFU/MPN/100 ml) from 1961 through 1984. Approximately 75 percent of these 171 observations were reported in west Brownsville (PAAL 0018) from 1961 through 1972. The highest concentration of 1,750,000 CFU/100 ml was reported at a stream gage near Brownsville (PAAL 0012) in June 1976. Fecal coliform concentrations were measured 404 times at six monitoring stations (PAAL 0009, PAAL 0011, PAAL 0012, PAAL 0015, PAAL 0016, PAAL 0020) from 1972 through 1996. Two-hundred-forty-six concentrations at five stations in the Rio Grande near Brownsville (PAAL 0011, PAAL 0012, PAAL 0015, PAAL 0016, PAAL 0020) equaled or exceeded the WRD bathing water screening criterion of 200 CFU/MPN/100 ml from 1975 through 1996. Approximately 55 percent of these 246 concentrations were reported at two stations near a stream gage near Brownsville (PAAL 0011, PAAL 0012) from 1975 through 1996, including the highest concentration of 799,999 CFU/100 ml at the stream gage (PAAL 0012) in August 1977.

Chloride concentrations (including dissolved and total) were measured 874 times at eight monitoring stations from 1959 through 1997. Of the 864 observations used in the criteria analysis[††], 179 concentrations at six stations in the

[††]Water quality observations collected at marine stations were excluded from the criteria analysis due to the absence of applicable marine criteria for this parameter; however, observations collected at tidally influenced riverine stations may have been included. Depending on tidal conditions at the time of measurement, comparisons of data from tidally influenced riverine stations against the chloride, total sulfate, and chromium drinking water or acute freshwater criteria may not be appropriate.

Rio Grande near Brownsville (PAAL 0011, PAAL 0012, PAAL 0015, PAAL 0016, PAAL 0018, PAAL 0020) equaled or exceeded the drinking water criterion of 250 mg/L from 1959 through 1996. Approximately 59 percent of these 179 concentrations were reported in west Brownsville (PAAL 0018) from 1959 through 1971, including the highest concentration of 750 mg/L in July 1962.

Total sulfate concentrations were measured 696 times at eight monitoring stations from 1961 through 1997. Of the 686 observations used in the criteria analysis[††], 425 concentrations at six stations in the Rio Grande near Brownsville (PAAL 0011, PAAL 0012, PAAL 0015, PAAL 0016, PAAL 0018, PAAL 0020) equaled or exceeded the drinking water criterion of 250 mg/L from 1961 through 1997. The highest concentration of 578 mg/L was reported in west Brownsville (PAAL 0018) in September 1969.

Chromium concentrations (including dissolved, dissolved hexavalent, hexavalent, suspended, and total) were measured 145 times at 11 monitoring stations from 1962 through 1997. Of the 141 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation)[††], two hexavalent concentrations of 1,000 micrograms per liter (µg/L) at two stations in the Brownsville Ship Channel, San Martin Lake Outfall (PAAL 0005) and Fishing Harbor Outlet (PAAL 0006), exceeded the acute freshwater criterion of 16 µg/L and the drinking water criterion of 100 µg/L in June 1974.

Copper concentrations (including dissolved, suspended, and total) were measured 148 times at 11 monitoring stations from 1962 through 1997. Nine concentrations at three non-marine stations, in the Brownsville Ship Channel (PAAL 0005, PAAL 0006) and in the Rio Grande at a stream gage near Brownsville (PAAL 0012), exceeded the acute freshwater criterion of 18 µg/L from 1974 through 1982. Three concentrations at a marine station in the Brownsville Ship Channel (PAAL 0009) exceeded the acute marine criterion of 2.9 µg/L during 1974[†††]. The highest concentration of 400 µg/L was reported twice at two non-marine stations in the Brownsville Ship Channel, San Martin Lake Outfall (PAAL 0005) and Fishing Harbor Outlet (PAAL 0006), in June 1974.

Lead concentrations (including dissolved, suspended, and total) were measured 145 times at nine monitoring stations from 1962 through 1997. Of the 140 observations used in the criteria analysis (see EPA Water Quality Criteria Analysis for Station in the Interpretive Guide To Water Quality Results for explanation), five concentrations in the Rio Grande at a stream gage near Brownsville (PAAL 0012) exceeded the drinking water criterion of 15 µg/L from 1978 through 1990. The highest concentration of 33 µg/L was reported in February 1978.

Mercury concentrations (including dissolved, suspended, and total) were measured 132 times at nine monitoring stations from 1970 through 1996. Two total concentrations at two stations in the Rio Grande near Brownsville, 4.2 µg/L in west Brownsville (PAAL 0018) and 2.3 µg/L near the El Jardin Pumping Station (PAAL 0011), exceeded the drinking water criterion of 2 µg/L in February 1971 and April 1994, respectively. The highest concentration of 4.2 µg/L also exceeded the acute freshwater criterion of 2.4 µg/L.

Nickel concentrations (including dissolved, suspended, and total) were measured 143 times at 11 monitoring stations from 1962 through 1997. Two total concentrations at two stations in the Brownsville Ship Channel, San

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[††]Water quality observations collected at marine stations were excluded from the criteria analysis due to the absence of applicable marine criteria for this parameter; however, observations collected at tidally influenced riverine stations may have been included. Depending on tidal conditions at the time of measurement, comparisons of data from tidally influenced riverine stations against the chloride, total sulfate, and chromium drinking water or acute freshwater criteria may not be appropriate.

[†††]Water quality criteria applied to the data at a particular station are based on the collecting agency's classification of the station (i.e. station type) in STORET. Some agencies and/or programs have classified stations near the same location differently. For example, the Brownsville Ship Channel is the site of both marine (PAAL 0001, PAAL 0002, PAAL 0004, PAAL 0009) and non-marine (PAAL 0003, PAAL 0005, PAAL 0006, PAAL 0008) stations. Consequently, both marine and freshwater criteria are applied near the location.

Martin Lake Outfall (PAAL 0005) and Fishing Harbor Outlet (PAAL 0006), equaled the drinking water criterion of 100 µg/L in June 1974.

Silver concentrations (including dissolved, suspended, and total) were measured 147 times at ten monitoring stations from 1962 through 1997. Two total concentrations of 50 µg/L at two stations in the Brownsville Ship Channel, San Martin Lake Outfall (PAAL 0005) and Fishing Harbor Outlet (PAAL 0006), exceeded the acute freshwater criterion of 4.1 µg/L in June 1974.

Zinc concentrations (including dissolved, suspended, and total) were measured 143 times at 11 monitoring stations from 1962 through 1997. One total concentration in the Rio Grande at a stream gage near Brownsville (PAAL 0012) equaled the acute freshwater criterion of 120 µg/L in May 1982.

Bis (2-ethylhexyl) phthlate concentrations were measured 20 times at four monitoring stations (PAAL 0011, PAAL 0014, PAAL 0015, PAAL 0020) from 1981 through 1996. One concentration of 21 µg/L in the Rio Grande near the El Jardin Pumping Station (PAAL 0011) exceeded the drinking water criterion of 6 µg/L in March 1995.

Carbon chloroform concentrations were measured 110 times in the Rio Grande in west Brownsville (PAAL 0018) from 1961 through 1965. Forty-four concentrations exceeded the drinking water criterion of 100 µg/L from 1961 through 1965. The highest concentration of 1,091 µg/L was reported in September 1965.

The IDEA conducted for PAAL indicates that STORET data exist for all 13 Level I parameter groups in the study area. For four groups (Alkalinity, Dissolved Oxygen, Water Temperature, and Bacteria) less than 25 percent of the observations were recorded since 1985. Overall, approximately 36 percent of the observations for Level I parameter groups were recorded since 1985. Data for seven groups (Alkalinity, Flow, Nitrate/Nitrogen, Phosphate/ Phosphorus, Chlorophyll, Sulfates/Total Dissolved Solids/Hardness, and Bacteria) were recorded at less than half of the 19 monitoring stations with data. Relative to other parameter groups, data were limited for the group Chlorophyll. Results for 121 of the 126 EPA priority toxic pollutants (consisting of general organic and inorganic parameters, metals, pesticides, and PCB's) were retrieved from STORET.

Surface water resources in the PAAL study area include the Rio Grande; Brownsville Ship Channel; Resaca de los Cuates, Palo Alto Resaca, San Martin, Loma Alta, and other perennial and intermittent lakes and ponds; Main Ditch No. 2 and numerous other ditches and aqueducts; many reservoirs; and some swamps and marshes. Some waters within the study area are influenced by tidal flow and contain fresh and saline waters in transition. The data inventories and analyses contained in this report reveal that approximately 99 percent of the 32,945 total observations reported in the study area were collected from 18 stations downstream of PAAL in the Rio Grande and the Brownsville Ship Channel. No surface water quality data have been collected within PAAL. Without adequate data it is difficult to make definitive statements regarding water quality throughout the study area; however from the available data, surface water quality appears to have been impacted by human activities. Potential anthropogenic sources of contaminants include agricultural and ranching activities; urban development; municipal and industrial discharges; stormwater runoff; marine traffic; atmospheric deposition; and recreational use.

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INTRODUCTION

The National Park Service's (NPS) Organic Act of 1916 states that the mission of the NPS is to promote and regulate the use of national parks, monuments, and other units "... to conserve the scenery and the natural and historic objects and wildlife therein and to provide for the enjoyment of the same in such a manner and by such means as will leave them unimpaired for the enjoyment of future generations." One task embodied by this mission is preserving and protecting water resources and water dependent environments in parks. Ensuring the integrity of park water quality, due to its importance in sustaining natural, aquatic park ecosystems and supporting human consumptive and recreational use, is fundamental to successfully addressing this task. The first step in ensuring the integrity of park water quality is defining historic and extant water quality.

This document represents one product of an ongoing effort by the NPS Water Resources Division (WRD) and the Servicewide Inventory and Monitoring Program to characterize baseline water quality using existing data at park units containing significant natural resources. This effort was initiated in 1993 by the award of a contract to Horizon Systems Corporation to retrieve, format, and analyze surface water quality data from the Environmental Protection Agency's (EPA) Storage and Retrieval (STORET) database system. The scope of work identified in the Request For Proposals outlined several sequential, interrelated project phases, including, but not limited to: (1) determining the water quality retrieval/query area around each park; (2) downloading and assessing the quality of the data from STORET; (3) generating basic water quality summary statistics and graphic plots; (4) reformatting water quality data for compatibility with the park-based Water Quality Data Management System presently under-development; and (5) providing recommendations concerning possible hardware, software, and personnel options for storing combined park databases in a centralized NPS water quality database. This report documents the results of phases one through four of this effort for this park unit.

Goal

The goal of this document is to provide descriptive water quality information in a format usable for park planning purposes (eg. Water Resources Management Plans, Resource Management Plans, and General Management Plans). The report is designed to characterize baseline water quality rather than assess specific water quality problems at a park. This is consistent with the Servicewide Inventory and Monitoring Program's goal of obtaining basic, "Level I", water quality parameters for key waterbodies at each park (National Park Service 1993). Consequently, this report is best used as a reference document to help design new goal-driven water quality monitoring programs rather than as conclusive evidence of previous or existing water quality problems.

Purpose

The purpose of this report is to inventory existing park water quality data; establish baseline water quality at the park; identify potential water quality problems; and establish a park water quality database. This report is intended to enable park resource managers to compare and contrast water quality data collected as part of ongoing inventory and monitoring programs with historical water quality trends. Additionally, this report is intended to foster better designed park-based water quality inventory and monitoring programs in the future. The water quality databases which accompany this report will also lay the groundwork for establishing a NPS water quality database that will allow Regions and Washington Offices to generate regional and national assessments of park water quality.

Objectives

Specific objectives of the study documented in this report are to:

1. Retrieve water quality and related data from the EPA's STORET and other database systems;

2. Develop a complete inventory of all retrieved data;

3. Produce descriptive statistics and appropriate time series and box-and-whiskers plots of water quality data to characterize period of record, annual, and seasonal central tendencies and trends;

4. Compare water quality data with relevant national EPA water quality criteria on a station-by-station and study area basis;

5. Determine the presence and/or absence of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameters within the study area; and

6. Reformat water quality and other related data for use in the park-based Water Quality Data Management System, presently under-development, and other appropriate analytical tools.

Document Overview

This report is comprised of five chapters. The first chapter, this Introduction, provides a brief statement of the study's background; goal, purpose, and objectives; and the key personnel who helped produce the document. This chapter also contains this brief overview of the document's contents and important interpretive caveats to consider when referring to and using this document. The second chapter focuses on the methods, procedures, and databases that were employed to retrieve and analyze water quality data for the park. The third chapter is the user's interpretive guide to chapter four. Chapter three explains how to interpret all the tables and figures presented in chapter four. Chapter four, which likely comprises the majority of the document (unless there isn't much water quality data for the park), contains detailed inventories, descriptive statistics, graphics, and national EPA water quality criteria comparisons characterizing the park unit's water quality data on a station-by-station basis and over the entire study area. This chapter also contains a comparison of park water quality data with the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameters and a listing of water quality observations that were outside the STORET edit criteria range. Chapter five, the Appendices, contains more specialized materials such as the file names and database structures included on floppy disk(s) with this report; STORET edit criteria; national EPA water quality criteria; Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameters; selected water quality references; and other materials which provide background on the methods, procedures, and databases used or produced by this study.

The water quality and other related data referenced in this report accompany the document on floppy disk. The water quality parameter data file is in DBASE III+[1] format and will be useable in the park-based Water Quality Data Management System presently under-development. The water quality stations, industrial facilities discharges, drinking water intakes, water gages, water impoundments, and River Reach databases are also in DBASE III+ and/or ASCII format for ready-use in Geographic Information Systems (GIS), Computer-Aided Design Systems, or Desktop Mapping Systems.

Caveats

While intended primarily as a reference document, it is important that users peruse the first three chapters and Appendices of this report to better understand and interpret the results presented in chapter four. As a means for identifying potential areas for more intensive study, comparisons of the park's water quality data with relevant national EPA water quality criteria for appropriate designated uses[2] and with the Servicewide Inventory and

[1]The use and/or mention of specific proprietary hardware or software packages is for informational purposes only and is not intended to connote or denote an endorsement.

[2]The Environmental Protection Agency's Quality Criteria for Water 1995 Final Draft (Silver Book) was the primary source of water quality criteria. In the spirit of the other caveats offered in this section, it is important to recognize that water quality criteria are often revised when new or better information become available.

Monitoring Program's "Level I" water quality inventory parameters have been made. Extreme caution must be exercised in interpreting the results of these comparisons. Observations that exceed water quality criteria may have occurred due to any number of natural or anthropogenic factors, as well as other reasons. For example, STORET is a "user-beware" water quality database system. While there is some rudimentary edit (bounds) checking of any data entered in STORET (See Appendix C), users are basically free to enter their own data. Beyond data entry errors, the possibility of inaccurate data entering the system due to inappropriate measurement techniques, sample mistreatment, and other reasons is a serious concern. Consequently, if observations for a particular parameter frequently exceed the EPA water quality criterion over a prolonged time period, the best approach is to examine in detail the data exceeding the criterion. Questions which should be asked regarding the data include: What water source(s) are manifesting the problem? Does the data make sense? Was it collected by a reputable organization following a sound study plan and employing accepted techniques? If the answers to these questions still cause concern, a specific cause and effect water quality investigation focusing on the parameters of concern may be warranted. Similarly, the absence of particular Servicewide Inventory and Monitoring Program "Level I" water quality parameters from the park only means that no entity or organization has collected and entered this data into the EPA's STORET database. Too frequently, data that are collected in and around NPS units never make it into the EPA's national water quality database. These data may exist in published or unpublished reports, file cabinets, or other databases. Before definitively concluding that no baseline data exist for a particular parameter, these alternative resting grounds for data should be investigated. Such a detailed exploration, however, was beyond the scope of this study.

Key Personnel

Many individuals contributed to the design and implementation of this project. The primary contributors and their roles in the project are briefly mentioned below.

National Park Service, Water Resources Division:

Dean Tucker was the Contracting Officer's Technical Representative responsible for designing, coordinating, and implementing all aspects of this effort.

Mike Matz coordinated and managed the team which prepared all components of the report.

Gary Rosenlieb provided administrative oversight and was involved in quality control for all tasks related to this project.

Barry Long and Roy Irwin reviewed technical tasks and provided water quality expertise related to data analysis.

Gary Smillie provided hydrologic expertise in the determination of hydrologic seasons.

Clint Bassett and Amy Benton helped prepare reports and write the Executive Summaries.

Elizabeth Eisenhauer, Bill Folsom, Scott Ratchford, Jeff Ketcham, and Valdete Celaj provided digital cartographic support, both in determining retrieval/query areas and producing maps and graphics.

Kelli O'Connor, J. Chris Echohawk, Adam Henson, Ryan Shy, Lisa Dummer, Eric Lord, Adriane Petersen, Ronda Burns, Aria Brissette, Nancy O'Keeffe, Brett Atkinson, Paul Sorek, and Cara Ellis uploaded water quality data to STORET prior to report preparation.

Jacquie Nolan designed the cover.

Horizon Systems:

Cindy McKay served as Project Manager for Horizon Systems, performed the initial requirements analysis, and was involved in all quality control tasks related to the project.

Alan Cahoon was responsible for automating the procedures which produced the water quality databases and Water Quality Results chapter.

Sue Hanson, P.E., provided technical advice for writing this document.

Dr. Jim Loftis was the data quality analyst for the project.

Armando F. Ballofet, P.E., served as the local technical liaison between Horizon Systems and the NPS.

Other National Park Service:

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METHODOLOGY

This section provides an overview of the procedures and criteria used to retrieve and analyze water quality data for each park unit. Generating baseline water quality data inventories and analyses for all NPS units is a monumental task. To accomplish this undertaking given a very limited budget, the procedures employed to produce each report had to be as generic and automated as possible. Consequently, customization of reports to individual park needs and issues was not feasible. Moreover, such customization was beyond the scope of this effort which was simply intended to produce baseline water quality data inventories for all parks rather than customized issue-driven reports. During the procedure-development stages of the project, specifications for the final product evolved, within the context of the aforementioned resource constraints, to focus on comprehensive water quality baseline data inventories and concise, descriptive statistical examinations of the available water quality data for each park unit. Detailed below are the data sources and final methods and procedures that were used to create the baseline water quality inventories, analyses, databases, and other products for each park unit. A thorough understanding of the limitations of the data sources and procedures described in this chapter and the next (Interpretive Guide to Water Quality Results) is a prerequisite to intelligent use of the results presented in this document.

Delineation of Park Study Area

The first step in retrieving water resources-related data for each park was deciding on a procedure to determine the study area boundary. Since water flows through parks, utilizing the park boundary as a simple query/study area was deemed inadequate. On the other end of the continuum, using the entire watershed as the study area was considered superfluous given: (1) the areal extent of certain park watersheds (eg. the entire Mississippi River); (2) the sheer volume of potentially irrelevant data such a large study area could generate; and (3) the resources required to specify the watershed for each park unit. The approach which was ultimately adopted - a modified hydrologic boundary - reflects a compromise between the park boundary and the entire watershed. Thus the study area employed for each park is an area extending at least three miles upstream and one mile downstream from the park boundary. Although these distances are somewhat arbitrary, this approach is easy to automate and was felt to limit the data retrieved, in most instances, to that of most importance to the park. Extending the query area one mile downstream of the park was intended to capture any data immediately downstream of the park which may reflect the quality of the water in the park. A current (as possible) copy of each park's boundary was obtained in digital format directly from the park or digitized from Regional land status maps, U.S. Geological Survey (USGS) quadrangles, or other sources. Using GIS techniques, the boundary was used to create the three miles upstream, one mile downstream buffer. For a few parks with which WRD water quality specialists were very familiar with potential water quality threats and/or valuable sources of data that may lie just outside the study area, the study area may have been tweaked (enlarged) to cover these areas of concern or interest. Unfortunately, a customized study area was not feasible for all park units. Hence, the three miles upstream, one mile downstream buffer was the primary study area employed for most parks. This study area was transferred to the EPA mainframe computer and used as the basis for all water resources-related data retrievals from the data sources described below.

Data Sources

The EPA maintains many mainframe data systems related to national water resources (U.S. Environmental Protection Agency 1992). Six of these data systems were used for this project:

- STOrage and RETrieval System (STORET) - water quality parameter data, locations of sampling stations, descriptive elements about stations and parameters;
- Industrial Facilities Discharge (IFD) - locations of industrial and municipal point source discharge facilities;

- Drinking Water Supplies (DRINKS) - locations of intake pipes for drinking water supplies;
- Water Gages (GAGES) - locations of USGS and other water gages;
- Water Impoundments (DAMS) - locations of most large water impoundments (greater than 10,000 acre feet at normal pool volume) and many smaller impoundments; and
- River Reach File, Version 3 (RF3) - 1:100,000 scale geographical representation of surface waters (rivers, lakes, etc.) with a unique identifier assigned to each surface water segment and connectivity information useful for routing and navigation.

STORET is the national water quality data repository (U.S. Environmental Protection Agency 1989). Water quality data is entered in STORET by public agencies (federal, state, or local) that collect water samples and/or perform laboratory analysis. As such, STORET is a "user-beware" data system. Although the EPA manages the STORET data system and, since November 1983, has imposed some minimum quality control criteria on the data (See Appendix C), data are generated and input to STORET by the "owner" agencies. Consequently, the EPA does not certify any data within STORET. Currently, there are over 800,000 active and inactive sampling stations and more than 225 million observations covering in excess of 13,000 water quality parameters entered in STORET. The earliest data dates back to the turn of the century. Using the bi-monthly update cycle, user agencies may store results of recent monitoring activities in STORET. Included in STORET is USGS WATSTORE water quality data, which is updated on a monthly basis. Although STORET contains a phenomenal amount of data, it is important to note that data exist in STORET only if the collectors decide to upload their data to the system. Since many agencies and researchers do not upload their data to STORET, the absence of water quality data in the system for a particular area doesn't mean that there has never been any water quality data collected for the area. The data may exist in published or unpublished reports, file cabinets, or in agency-specific databases. Identifying and retrieving these other sources of data were beyond the scope of the present effort. All parameter data and water quality station location data downloaded from STORET within the park's study area are included in DBASE III+ format files on disk(s) accompanying this report (See Appendices A and B).

The data within the IFD database are extracted from the EPA's Permit Compliance System (PCS). IFD contains the facility locations of all industrial and municipal dischargers which require a National Pollutant Discharge Elimination System (NPDES) permit to operate. Over 7,100 municipal, federal, and industrial facilities discharging into the waters of the United States are tracked by PCS and IFD. If any industrial facilities discharges exist within the study area, a file in DBASE III+ format documenting a variety of information about each discharge accompanies this report on disk (See Appendices A and B).

The EPA DRINKS database identifies locations of drinking water supply intakes. This file contains data for 850 supplies which serve more than 25,000 people, and 6,800 supplies which serve between 1,000 and 25,000 people. If any drinking water intakes exist within the study area, a file in DBASE III+ format documenting a variety of information about each intake accompanies this report on disk (See Appendices A and B).

The GAGES data originates primarily with the USGS and copies are maintained on the EPA mainframe computer for ease of integration with other EPA national data systems. Although other agency's water gages, as well as some artificial gages, may appear in GAGES, the vast majority of gages are stream gages belonging to the USGS. The GAGES database contains approximately 36,000 records for both active and inactive gaging stations. If any USGS or other agency stream gages occur within the study area, a file in DBASE III+ format documenting several fields of information about each gage accompanies this report on disk (See Appendices A and B).

The Water Impoundment database was originally compiled by the U.S. Army Corps of Engineers in response to a Congressional inquiry on dam safety hazards (GKY and Associates 1990). The EPA subsequently modified the database for use in water quality investigations. Of the 68,155 dams in the database, 2,125 are considered large (impounding 10,000 acre feet or more at normal pool volume). It is important to note that while the database includes entries for 66,030 smaller dams, estimates place the actual number of dams in the U.S. at several million

(including small farm ponds). If any water impoundments occur within the study area, a file in DBASE III+ format documenting several fields of information about each impoundment accompanies this report on disk (See Appendices A and B).

The RF3 data system is a hydrologic database of surface water features across the U.S. (excluding, at present, Idaho, Oregon and Washington, which currently operate a different system - although this data is expected to be converted to RF3 soon, Alaska and Hawaii). RF3 was created primarily from 1:100,000 scale USGS Digital Line Graph data. RF3 is made up of over 3,000,000 individual "reaches". A reach is generally defined as a portion of surface water between two confluences (U.S. Environmental Protection Agency 1993). The linework underlying RF3 contains over 95,000,000 coordinate points. RF3 is designed to facilitate hydrologic routing, identifying upstream and downstream elements, and specifying the exact location of any point on a stream network. RF3 data exists as a series of traces with associated attributes. The EPA project which is producing RF3 is being conducted in three phases: Compilation, Assessment, and Revision. The Compilation phase is complete except for Idaho, Washington, Oregon, and Alaska. The Assessment phase was completed during the first half of 1994; while the Revision phase was begun in March 1994. One important outcome of the Revision phase is that the reach codes which uniquely identify each surface water feature will change. Consequently, these codes should not be used, at this time, as keys for relating other data to RF3. The RF3 data provided with this document is provisional and should be used only to provide a geographic backdrop for the park's water quality data. RF3 data covering each USGS catalog unit (a geographic area representing a single or multiple drainage basin(s), or some other distinct hydrologic feature (U.S. Geological Survey 1982)) touched by the park's study area is included in ASCII export and DBASE III+ formats on the disk(s) accompanying this report (See Appendices A and B).

For additional information on any of these data systems, contact the EPA Office of Water at (202) 260-7028.

Data Retrieval and Analysis Procedures

The six EPA data systems discussed above reside on the EPA mainframe computer located in Research Triangle Park, N.C. Horizon Systems used a dedicated, leased telephone line with a data transfer rate of 9600 bits per second to download data occurring within the park's study area from all the databases. The bisynchronous communication software and hardware provided error checking during all data transfer procedures.

As described above, the park study/query area boundary was used to select the water quality stations, industrial facilities discharges, drinking water intakes, water gages, water impoundments, and river reaches associated with the park unit. For various reasons, screening criteria (described later in this section) were employed to select appropriate water quality stations, parameters, and observations. Horizon Systems wrote several mainframe programs to automate, to the greatest extent feasible, the STORET data retrieval and storage procedures. Once the data were extracted from the EPA data systems, they were downloaded to a microcomputer for statistical analyses and reformatted into DBASE III+ compatible format.

Specifically, once on the PC, the data were processed to:

(1) Reformat the data into DBASE III+ format and other database structures;
(2) Eliminate questionable data outside the STORET edit criteria ranges (See Appendix C);
(3) Display on a map the location of water quality monitoring stations and other water resources themes;
(4) Determine the frequency of water quality observations by station, parameter, and station/parameter;
(5) Generate descriptive period-of-record water quality statistics in a tabular format;
(6) Generate appropriate descriptive annual and seasonal analyses of the water quality data in a tabular format;
(7) Plot appropriate period of record time series and annual and seasonal box-and-whisker graphs;
(8) Compare the water quality data against relevant EPA national criteria; and

(9) Compare the water quality data against the NPS Servicewide Inventory and Monitoring Program's "Level I" water quality parameters.

Special customized microcomputer programs (primarily written in Clipper and Microsoft Professional BASIC) and procedures were created to address each of these tasks. All reformatted database files are included on disk(s) accompanying this document. The contents of these databases are described briefly below. Complete database structures are included in Appendices A and B. The descriptive water quality tabular statistics (see "Statistical Analyses" below) were computed based upon NPS specifications. Command or batch files were generated to drive STATGRAPHICS 7.0 in order to produce all the time series and box-and-whiskers plots.

Park Unit Databases

Up to seven digital databases in DBASE III+ and other formats have been created for the park by querying the water resources-related data sources described above. The disk(s) containing these databases accompany the report. The contents of each of these databases are discussed briefly below. More detailed documentation of these databases is included in Appendices A and B.

(A) Water Quality Parameter Data: This database includes all the water quality parameter data downloaded from STORET that passed the STORET Edit Criteria, Date, Station Type, and Phase 0 Parameter screens (described below) and is summarized tabularly and graphically in this document. This constitutes the park's baseline water quality data. Since it is already in digital format, more sophisticated analysis of the data is possible than the descriptive statistics and graphics presented here.

(B) Water Quality Station Locations: This database consists of the STORET header information describing each station where water quality data was collected. As the latitude and longitude of the station are included in the database, this file is easily imported into the park's GIS.

(C) Industrial Facility Discharge Locations: This database includes any industrial or municipal point source discharges located within the park's study area. As the latitude and longitude of each discharge facility are included in the database, this file is easily imported into the park's GIS.

(D) Drinking Water Intake Locations: This database includes any drinking water intakes located within the park's study area. As the latitude and longitude of each intake are included in the database, this file is easily imported into the park's GIS.

(E) Water Gage Locations: This database includes water (stream, lake, estuary, well, spring, climate, or other) gages located within the park's study area. Most of the gages will likely be stream gages belonging to the USGS. As the latitude and longitude of each gage are included in the database, this file is easily imported into the park's GIS.

(F) Water Impoundment Locations: This database includes any water impoundments (dams) located within the park's study area. As the latitude and longitude of each impoundment are included in the database, this file is easily imported into the park's GIS.

(G) River Reach Data: This database includes all stream traces (1:100,000 scale) and attributes for reaches falling within any USGS catalog unit that touches the park's study area. The traces are geo-referenced in ASCII format. The attributes are in both ASCII export and DBASE III+ formats. This information is also readily incorporated into the park's GIS.

The absence of any of these seven files from the disk(s) accompanying the report indicates that there was either no data of this type within the park's study area or the data was unavailable. Several other files are included on the disk(s) accompanying this report, including digital copies of all the figures and tables contained in the document and some other items. Refer to Appendices A and B for detailed documentation of these files. Not included on

disk is an Encyclopedia File (for WRD reference) that documents the minimum and maximum values for each water quality parameter and the parks in which those values were recorded. When Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks, this Encyclopedia File will be available upon request from the NPS WRD.

Screening Methodologies and Procedures

Developing automated or semi-automated procedures to produce baseline water quality inventories and analyses for all national park units required constant testing and debugging of procedures. Three parks, Rock Creek Park, Yellowstone National Park, and Indiana Dunes National Lakeshore, were used to pilot test and refine the automated procedures. It became evident, after a preliminary analysis of all the downloaded STORET data, especially for Indiana Dunes National Lakeshore, that the specifications for the graphical analyses could generate hundreds (possibly thousands) of plots, many of which would not necessarily be useful. Also, there were many stations; parameters; and/or observations downloaded that were not part of the study's objectives; not overly useful; or of dubious quality. In order to reduce the number of graphical plots (time series, annual and seasonal box-and-whiskers) to fit within project resources, various screening criteria were investigated. Ultimately, a comprehensive set of screening criteria were developed to reduce the number of graphical plots. After initial counts of the total number of possible time series and annual and seasonal box-and-whiskers plots were generated, these counts were used to decide which screening criteria would be applied to limit the number of these plots produced for the park unit. Additional screening criteria were employed to restrict the tabular descriptive statistics results to only those deemed useful to the park. Table A provides the categories of screening criteria and to which analyses the screens were applied. A "yes" entry in the table means that the screening category eliminated or prevented data from appearing in certain tables and plots contained in the document. Consequently, in understanding how data from STORET was used in this report, it may be helpful to keep in mind the three general types of screening criteria: (1) screens that apply to stations; (2) screens that apply to certain parameters at stations; and/or (3) screens that apply only to particular observations of parameters at stations. A detailed description of each of the screening criteria categories follows this table. *It is important to note that statistics in "Inventory" reports may not be consistent with statistics in "Overview" reports since different categories of screening criteria were applied*. Also, if attempting to replicate the results of the statistical and graphical analyses presented in this document, be sure to follow the same screening methodologies.

STORET Edit Criteria

As mentioned previously, STORET is a "user-beware" data system. As the EPA doesn't certify any data in STORET, public agencies enter and are responsible for the quality of their own data. Only data entered since November 1983 have been subjected to any rudimentary edit/bounds checking. Agencies entering data since this date can elect to override the edit/bounds checking for individual observations. USGS WATSTORE water quality data is entered into STORET without any EPA edit/bounds checking to ensure data integrity between WATSTORE and STORET. Unfortunately, during the course of our pilot tests, erroneous USGS and EPA water quality data values were discovered. In order to eliminate as much "bad" data as possible, all water quality data downloaded from STORET was subjected to automatic edit/bounds checking (STORET Edit Criteria contained in Appendix C) for the 190 most common parameters. Observations falling outside the STORET Edit Criteria were documented (See the Water Quality Observations Outside STORET Edit Criteria for Park section in the Water Quality Results chapter) and then retained or discarded from the database and all tables and plots based on whether the value was judged as being in the realm of possibility. Although the STORET Edit Criteria screen likely removed some "bad" data for these common parameters, the probability of other erroneous data in the database is high. Be sure to consult the Caveat section in the Introduction.

Table A. Categories of Screening Criteria and to Which Output Products They Apply (A "yes" Entry Means the Screening Category Eliminated or Prevented Data From Being Used in the Product):

Screening Category	Data Download	Overview Tables	Inventory Tables	Annual Tables	Seasonal Tables	Standards Tables	Plots (All)
STORET Edit Criteria	yes	yes	yes	yes	yes	yes	yes
Date	yes	yes	yes	yes	yes	yes	yes
Station Type	yes	yes	yes	yes	yes	yes	yes
Phase 0 Parameter	yes	yes	yes	yes	yes	yes	yes
Phase 1 Parameter	no	no	yes	yes	yes	yes	yes
Media Type	no	no	yes	yes	yes	yes	yes
Remark Codes	no	no	yes	yes	yes	yes	yes
Composite Type	no	no	yes	yes	yes	yes	yes
Phase 2 Parameter	no	no	no	no	no	no	yes
Observations/Period of Record	no	no	no	yes	yes	no	yes

Date Screen

Every water quality observation in STORET typically has a sampling date associated with it. Unfortunately, STORET does not prevent users from entering incorrect dates. Consequently, any water quality observation with an incorrect and/or suspect date (eg. a month greater than 12; a day greater than 31; or a sample date later than the STORET retrieval date) were discarded.

Station Type Screen

STORET contains data from a wide variety of stations classified by the type of waterbody in which samples were collected. As this project's purpose was to inventory and analyze surface-water quality, the following surface-water station types were retrieved (clarification provided in parentheses):

Station Types Included In Retrieval

(a) STREAM
(b) CANAL
(c) LAKE
(d) RESERV (Reservoir)
(e) SPRING
(f) FWTLND (Fresh Water Wetland)
(g) SWTLND (Salt Water Wetland)
(h) ESTURY (Estuary)
(i) OCEAN

Ground water and/or other station type data may have been retrieved if the entering agency classified the station type incorrectly. Rectifying this error was beyond the scope and resources of this project.

Phase 0 Parameter Screen

Nearly all water quality parameters associated with each station type listed above were retrieved. The only exception to this was the exclusion of most of the STORET administrative parameters. A complete list of STORET administrative parameters is included in Appendix D. The few administrative parameters that were included in the retrievals are as follows:

Code	STORET Administrative Parameter Description
00027	Code No. for Agency Collecting Sample
00028	Code No. for Agency Analyzing Sample
00063	Sampling Points, Number of In a Cross Section
00111	Ratio of Fecal Coliform to Fecal Streptococci
00115	Sample Treatment Code (1=Raw, 2=Treated)
34772	NPDES Number, Cross Reference
45580	Method of Analysis
74065	Stream Flow Class
74066	Annual Runoff
74067	Soil Classification
74068	Water Quality Designated Use Classification

Phase 1 Parameter Screen

Some of the data retrieved from STORET was not suitable for statistical or graphical analysis. Consequently, this screening criterion eliminated all parameters which were not suitable for statistical or graphical analysis within the context of this project. The full list of these parameters is presented in Appendix E. Examples of parameters excluded from statistical and graphical analysis include the administrative parameters mentioned above, land use acreage, encoded values, dates, latitude/longitude, etc. Excluded parameters do, however, appear in the Parameter Period of Record and Station/Parameter Period of Record (two of the "Overview" Tables), as well as in the water quality parameter file included on disk(s) accompanying this report.

Media Type Screen

Water quality samples can be taken in a variety of aqueous media. Water quality data were retrieved from STORET only if the media were WATER or VERT (vertically integrated). WATER and VERT samples comprise the overwhelming majority of samples in STORET. The media screen eliminated the following water quality sampling media:

Media Screen	Description
BOTTOM	Sampled At the Bottom
DREDGE	Sampled By Dredge
PORE	Pore Sample
CORE	Core Sample

Remark Code Screen

STORET enables the agency collecting water quality samples to provide a qualifying remark for each parameter observation. These remarks provide additional information about the measured or observed value entered into STORET (See Appendix B - Parameter Data File for a complete listing and description of all remark codes). Based on the STORET remark codes, two potential screens were applied to water quality observations based on whether the measured value was used in subsequent analyses: (1) Elimination or (2) Modification/Inclusion.

Elimination:
Non-composite water quality parameters with the remark codes presented in Table B were eliminated from the period of record, annual, and seasonal descriptive statistics and graphics. Not including observations with these remarks was justified by the fact that most of the remarks: (A) indicate either less confidence in the measured value; (B) are remarks for nominal or categorical data that doesn't lend itself to statistical analysis; or, (C) complicate the statistical analysis beyond the scope of this effort. Observations containing these remark codes comprise a very small fraction of the data. Although statistical analyses weren't undertaken on this data, all water quality observations, regardless of remark code, are included on disk(s) accompanying this report. If you re-analyze this data in order to replicate the results presented here, be sure to eliminate all non-composite observations with the remark codes presented in Table B.

Table B. Non-composite Parameters With the Following Remark Codes Were Eliminated From Statistical and Graphical Analysis:

Remark Code	Description of STORET Remark Code
F	Female Species.
J	Estimated, Not the Result of Analytic Measurement.
M	Presence Verified, But Not Quantified, Below Quantification Limit. For Species, Male. For Oxygen Reduction Potential, Indicates Negative Value.
N	Presumptive Evidence of Presence.
O	Analysis Lost.
V	Analyte Was Detected In Sample and Method Blank.
W	Less Than Lowest Value Reportable Under Remark "T".
Z	Too Many Colonies Were Present to Count (TNTC), Value Represents Filtration Value.

Modification/Inclusion:
Water quality parameter observations with the remark codes presented in Table C were halved prior to inclusion in period of record, annual, and seasonal descriptive statistics and graphics. These remark codes deal with observations that were below the detection limit for the parameter. The common water quality data analysis convention for these remark codes is to use half of the detection limit in statistical analyses (Ward, Loftis, and McBride 1990; Gilbert 1987). Although this is a somewhat defensible treatment of observations below the detection limit, the statistics that may be computed using these halved values may not be defensible. Consequently, any computed statistics in inventory, annual, or seasonal tables that are comprised of 50% or more K, T, and U remark codes are footnoted "Computed with 50% or more of the total observations as values that were half the detection limit." This will provide the user with some caution in using and interpreting these results. Water quality data included on disk(s) accompanying this report that may have these remark codes are stored as the original entry (detection limit). If you re-analyze this data in order to replicate the results presented here, be sure to substitute half the detection limit value in the database whenever these remark codes are encountered.

Table C. The Value of Water Quality Parameters With the Following Remark Codes Were Halved (Half of the Detection Limit Entered In STORET) Prior to Inclusion In Descriptive Statistics and Graphics:	
Remark Code	**Description of STORET Remark Code**
K	Off-scale Low, Actual Value Not Known, But Known to Be Less Than Value Shown.
T	Less Than Detection Criteria.
U	Analyzed For But Not Detected, Value is Detection Limit For Process Used. If Species, Undetermined.

Composite Type Screen

Sometimes data entered in STORET represent something other than a single measurement at one location at one point in time. These samples are typically referred to as composite samples due to the fact that they vary temporally and spatially. Consequently, the observation entered into STORET for composite data is typically a computed value that summarizes the data over time and/or space. Such data complicate statistical and graphical analyses and must be handled separately. Such treatment was beyond the scope of this study; although composite values typically represent only a fraction of STORET observations. The composite type screen eliminates all composite observations from statistical and graphical analyses, except those with a composite type code of "A" that have a one day or less sampling period and those with a composite type code "D". All water quality observations, regardless of composite type code, are included on disk(s) accompanying this report. If you re-analyze this data in order to replicate the results presented here, be sure to exclude all composite observations except those with a code of "A" that have a one day or less sampling period and those with a code of "D". Table D presents a list of possible STORET composite type codes.

Table D. Possible STORET Composite Type Codes	
Composite Type Code	**STORET Composite Type Description**
A	Average
H	Maximum
L	Minimum
N	Number of Observations
#	Number of Observations
S	Standard Deviation
U	Sum of Squares
V	Variance
C	Coefficient of Error
X	Coefficient of Variance
E	Skewness
F	Kurtosis
Z	Number of Obs. That Exceed An Established Limit
%	Precision
$	Accuracy
B	N/A
D	Indicates Replicate Sample

Phase 2 Parameter Screen

Due to budgetary limitations, the number of graphical plots (time series, annual and seasonal box-and-whiskers) produced had to be manageable - typically no more than 100 total plots. After scrutinizing the results of the pilot tests and the Baseline Water Quality Data Inventory and Analysis Reports produced for the first group of parks, the 19 parameters which, typically, were the most frequently measured at nearly all stations were water temperature, stage, discharge, and various meteorological measurements (See Table E). Consequently, most of the graphical plots produced would be of water temperature, stage, discharge, and meteorological conditions. Although these are important parameters, particularly in conjunction with other water quality parameters, it was felt that plotting resources would be better allocated to other water quality parameters. Consequently the STORET parameter codes listed in Table E never generated graphical plots. It is important to note, however, that these parameters are included in all other aspects of the project, including all applicable period of record, annual, and seasonal descriptive statistics tables.

Table E. Frequently Measured STORET Codes That Were Prevented From Generating Plots	
STORET Parameter Code	**STORET Parameter Description**
00003	Sampling Station Location, Vertical (Feet)
00010	Water Temperature (Degrees Centigrade)
00020	Temperature, Air (Degrees Centigrade)
00021	Temperature, Air (Degrees Fahrenheit)
00025	Barometric Pressure (MM of HG)
00032	Cloud Cover (Percent)
00035	Wind Velocity (Miles Per Hour)
00036	Wind Direction in Degrees from Trun N (Clockwise)
00040	Wind Direction (Azimuth)
00045	Precipitation, Total (Inches Per Day)
00046	Precipitation, Total (Inches Per Week)
00052	Humidity, Relative (Percent)
00061	Stream Flow, Instantaneous (CFS)
00065	Stream Stage (Feet)
81903	Depth of Bottom of Water @ Sample Site (Feet)
82553	Rainfall In 1 Day Inclusive Prior to Sample (Inches)
82554	Rainfall In 7 Days Inclusive Prior to Sample (Inches)
82371	Rainfall In 3 Days Inclusive Prior to Sample (Inches)
82372	Rainfall In 14 Days Inclusive Prior to Sample (Inches)
85599	Precipitation, Total/Period-Rain Equivalent (Cm/Sample)

Observations/Period of Record Screen

Despite never plotting water temperature, stage, discharge, and meteorological measurements, the number of plots generated by some parks still exceeded the 100 plot limit. Also, some rationale was needed to plot only those parameters with sufficient data density to make a meaningful statistical graphic. For example, time series plots comprised of only a few observations or annual or seasonal box-and-whiskers plots with limited observations and/or data in only one or two years or seasons are not very informative. Consequently, a number of plotting criteria were developed to limit the number of time series and box-and-whiskers plots to, at most, 100 informative graphics by using each parameter's number of observations and period of record. Similar, albeit less stringent criteria, were used for including results of annual and seasonal analyses in descriptive statistics tables. Consequently, there are more summaries of annual and seasonal results in tables than in graphics. Whenever an entry in an annual or seasonal table generated a plot, this entry was footnoted to notify the reader of the presence of the graphic. Due to differing quantities of data at parks, different screening criteria were employed. The same

criteria for appearance in seasonal and annual tables were used for all parks. Table F presents the least stringent plot screens.

Table F. Least Stringent Plot Screening Criteria Used to Limit the Number of Plots Generated

Time Series: To generate a time series plot, a station/parameter combination must have a period of record of at least 2 years and a total of at least 8 observations. Annual Analysis: To generate an annual box-and-whiskers plot, a station/parameter combination must have at least 9 observations in each of at least 4 years. The years do not have to be consecutive. Seasonal Analysis: To generate a seasonal box-and-whiskers plot, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 6 years and observations in at least 3 of the 6 years. The years do not have to be consecutive.

The exact three plot screens used varied by park unit and are documented in the Overview section of the Water Quality Results chapter. If your park's plotting criteria deviated from these least stringent criteria, it is because too many plots would have been generated using these criteria.

The criteria used for appearance of station/parameter combinations in annual and seasonal analysis tables are presented in Table G. These tabular criteria, which are actually the least stringent plotting criteria, were constant from park to park.

Table G. Criteria Used for Generating Entries in Annual and Seasonal Analysis Tables

Annual Analysis: For an entry to appear in an annual table, a station/parameter combination must have at least 9 observations in each of at least 4 years. The years do not have to be consecutive. Seasonal Analysis: For an entry to appear in a seasonal table, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 6 years and observations in at least 3 of the 6 years. The years do not have to be consecutive.

Statistical Definitions

Since this report is intended only to characterize historical and/or existing water quality at the park rather than address specific water quality problems, only simple descriptive statistics are presented. Inferential and non-parametric statistical analysis to examine relationships and trends were beyond the scope of the study. The complete water quality dataset is provided on disk accompanying this report to afford the opportunity for more detailed exploratory data analysis. The descriptive statistics are included in the inventory, annual, and seasonal tables. Table H provides a brief definition of each descriptive statistic provided for each parameter at a station.

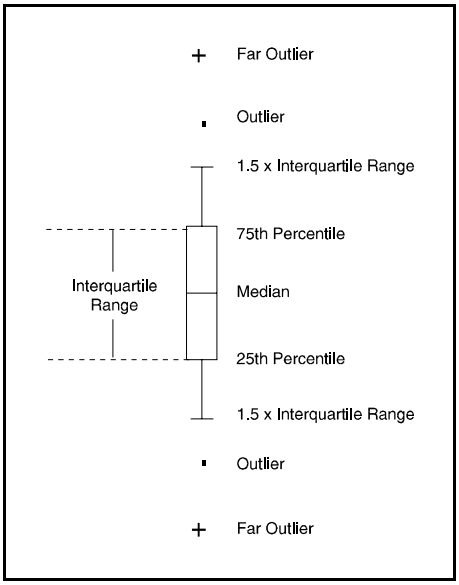
Table H. Definition of Descriptive Statistics Contained in Inventory, Annual, and Seasonal Tables

Observations:	The number of samples collected.
Median:	The median is the 50th percentile or the value in a dataset sorted in ascending order that exceeds 50% of all observations, yet is also exceeded by the remaining 50% of all observations.
Mean:	The sum of all observations collected divided by the number of observations.
Maximum:	The maximum value observed.
Minimum:	The minimum value observed.
Variance:	This is a measure of variability or dispersion of the observations; or, in other words, describes how many observations are close (or far), from the mean. It is calculated as the weighted average of the squared deviations from the mean.
Standard Deviation:	The positive square root of the variance.
10th Percentile:	The value in a dataset sorted in ascending order that exceeds 10% of all observations, yet is itself exceeded by the remaining 90% of all observations.
25th Percentile:	The value in a dataset sorted in ascending order that exceeds 25% of all observations, yet is itself exceeded by the remaining 75% of all observations. The 25th percentile is also known as the first quartile.
75th Percentile:	The value in a dataset sorted in ascending order that exceeds 75% of all observations, yet is itself exceeded by the remaining 25% of all observations. The 75th percentile is also known as the third quartile.
90th Percentile:	The value in a dataset sorted in ascending order that exceeds 90% of all observations, yet is itself exceeded by the remaining 10% of all observations.

As with the tabular descriptive statistics, the scope of the project limited the generation of exploratory graphics to time series plots and annual and seasonal box-and-whiskers plots. Plots were only generated, however, provided the parameter met or exceeded the relevant plotting criteria specified in the previous section.

Time series plots display the parameter concentration on the Y-axis and the date on the X-axis. This provides the user with a visual feeling for not only the parameter's concentration and variability over time, but also the density of data in different time periods. The time series plots provide a visual representation of the data in the basic station inventory. Due to software limitations, a line connects each measured value in sequence regardless of the time period between samples. Readers are cautioned not to assume that the concentration of the parameter between any two data points can be represented by a straight line. It is likely that the concentration varied between any two observations, particularly if the observations are separated by a significant time period.

The annual and seasonal box-and-whisker plots provide a graphical overview of the measured data and give the user a better understanding of the data's distribution and possible outliers. In essence, the box-and-whisker plots provide a visual representation of the data contained in the annual and/or seasonal tables. The interpretation of the boxes is provided in the figure to the right. Each box encompasses the middle 50 percent of measured values (from the 75th to 25th percentiles). The difference between the 75th and 25th percentiles is also known as the interquartile range. The horizontal line inside each box is the median or 50th percentile. The lines which extend out from each end of the box are the whiskers. The whiskers extend out from first quartile (25th percentile) and third quartile (75th percentile) to the smallest data point within 1.5 interquartile ranges from the first and third quartiles. Observations that extend beyond the whiskers are known as outliers. Far outliers are observations whose values lie more than three interquartile ranges below the first quartile or above the third quartile. These are designated with plus signs.



INTERPRETIVE GUIDE

TO WATER QUALITY RESULTS

This interpretive guide discusses each of the products presented in the next chapter - Water Quality Results. This chapter highlights how each of the tables and figures were prepared and how they can be used. Each subheading in this chapter corresponds to a particular product in the subsequent Water Quality Results chapter.

Overview

The Overview provides a brief one-page summary of the results of the various database retrievals for both the study area and the park. The study area results include the park results since the study area encompasses the park and all lands and waters within at least 3 miles upstream and 1 mile downstream of the park. Thus, the GIS estimated acreage of the study area should always be greater than the park acreage. The park acreage was computed from the digital boundary that was obtained for the park. More than likely this acreage will differ, perhaps significantly, from the "official" published acreage for the park due to the spatial and temporal accuracy of the digital boundary, treatment of inholdings, and other concerns. The number of STORET stations is the number of locations within the study area and park where an agency monitored (or intended to monitor) water quality. The number of stations with no data reveals the number of stations created in STORET for which water quality data were never entered. The number of stations with no statistical analysis reports the number of stations in the study area and park that contain data not amenable to normal parametric statistics. The number of longer term stations indicates the number of stations in the study area and park with at least 6 parameters having periods-of-record extending 2 years with an average of at least 1 observation per year over the period-of-record. The date of STORET retrieval is the calendar date when Horizon Systems downloaded all the data from STORET. Thus, the report documents all data entered in STORET prior to the retrieval date. Keep in mind that an agency can upload archival data at any time. Consequently, a retrieval date only guarantees that as of that date, this report contains all the data that had been entered into STORET. The period of record is the earliest date for which water quality data exist in STORET for the study area and park up to the date when the most recent data were entered prior to the retrieval date. The number of parameters measured is the number of unique water quality parameters measured within the study area and park and entered in STORET. The number of water quality observations is the sum of the total number of observations across all parameters within the study area and park. The number of industrial/municipal facilities discharges, drinking water intakes, water gages, and water impoundments are the number of each of these entities found within the study area and park. The number of time series, annual, and seasonal plots are the number of these different types of graphics produced by station/parameter combinations within the study area and park using the plotting criteria described in the previous chapter. The hydrologic seasons, described below, are the seasons used for the seasonal water quality data analysis. The time series, annual, and seasonal criteria are the plot and tabular screening criteria described in the previous chapter.

Regional Location Map

The Regional Location Map provides a small scale, general representation of the park and study area location within the United States. Digital, reproducible copies of this graphic are included on the disk(s) accompanying this report.

Water Quality Monitoring Locations Map(s)

The Water Quality Monitoring Locations Map(s) usually provides a larger scale representation of the park and study area than the Regional Location Map. This map indicates the locations within the study area where water quality has been monitored and the data entered into STORET. The water quality monitoring stations are labelled sequentially with the rightmost significant digits. The station names were assigned in numerically ascending order by latitude (for parks with a greater north-south extent than east-west) or longitude (for parks with a greater east-

west extent than north-south). Thus, this map serves as a visual index to the water quality data contained in the report. Since the 1:100,000 scale hydrography (from the River Reach File Ver. 3.0 or other sources) is displayed on the map, users can refer to the map to locate the station number on the reach in which they are interested and then find the appropriate section in the report that documents the water quality at that station. If the scale allows, USGS catalog units are also displayed on the map to provide an approximation of drainage basins. More than one Water Quality Monitoring Location map may be presented if the scale requires breaking the area into multiple maps for legibility. If multiple maps are necessary, an index map showing the geographic extent of each sub-map or panel will be present. Digital, reproducible copies of this graphic are included on the disk(s) accompanying this report. The digital, geo-referenced data files documented in Appendices A and B will allow the park to create water quality monitoring stations as a coverage in their GIS.

Dischargers, Drinking Intakes, Gages, and Impoundments Map(s)

The Dischargers, Drinking Intakes, Gages, and Impoundments Map(s) displays the same information as the Water Quality Monitoring Location Map(s) except the water quality stations are replaced by industrial/municipal facilities discharges, drinking water intakes, active and inactive gage locations, and water impoundments. This map also serves as a visual index allowing the user to determine the identification code of each discharger, drinking intake, gage, or impoundment. This number can then be used to obtain additional information about the entity on the following page of the report or to refer to the more detailed database files accompanying the report on disk. These more detailed database files are geo-referenced (See Appendices A and B), thus allowing the park to create these coverages in their GIS. More than one Dischargers, Drinking Intakes, Gages, and Impoundments map may be presented if the scale requires breaking the area into multiple maps for legibility. If multiple maps are necessary, an index map showing the geographic extent of each sub-map or panel will be present. Digital, reproducible copies of this graphic are also included on the disk(s) accompanying this report.

Industrial Facilities Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Table

This table provides some additional information about each of the discharges, drinking intakes, water gages, and water impoundments displayed on the previous map(s). This information generally includes the site identification number; the station or facility name; an address or some other indication of location; and some other pertinent information. More detailed information about each of these entities is contained in the database files on disk accompanying the report (See Appendices A and B).

Representative Mean Annual Hydrograph for Seasonal Analysis

One component of the water quality data analysis contained in the document is a seasonal analysis of the data (where adequate data exist). In order to undertake this analysis, some representation of the park's seasons was required. Seasons can be based on many factors (eg. hydrologic, climatic, recreational use, etc.). Since project resources did not allow us to contact every park and discuss with resource management staff what appropriate seasons may be for the park, WRD staff elected to adopt primarily a hydrologic/climatic definition of the seasons which uses a process of hydrograph separation to glean seasons from stream discharge patterns. The procedure employed to make these determinations was as follows:

(1) Find the nearest USGS Hydro-Climatic Data Network (HCDN) station (U.S. Geological Survey 1992) to the park that is most representative of streamflow conditions at the park. The HCDN is basically a subset of USGS streamflow stations, including only those stations that are unaffected by artificial diversions, storage, or other disruptions of the natural channel. All HCDN stations generally have at least a 20 year period of record. Consequently, discharge patterns at these stations should reflect only hydrologic and climatic influences. For the most part, selected HCDN sites were typically within 15-20 miles of the park. In some parks where WRD staff were aware of the existence of a stream gage located within the park that would be more representative of park waters even though it wasn't an HCDN site, this gage was selected.

(2) Retrieve the daily discharge values for the selected station from the USGS Daily Values File and generate a mean annual hydrograph and a box-and-whiskers plot of daily flows by month.

(3) Interpret the plots based on our knowledge of the hydrologic regime at these parks and assign seasons.

This approach, used for the majority of parks, assumes that most water quality data at the park will be found in streams and that the discharge pattern of the selected stream is representative of the seasons for all park waterbodies. Although this assumption may be weak for certain parks, project resources did not allow a more thorough investigation. For parks where there wasn't any stream gage (HCDN or otherwise) deemed representative of park waters, precipitation records from a nearby meteorological station were obtained from the National Climatic Data Center. Plotting daily average precipitation and box-and-whiskers of monthly precipitation sums allowed WRD hydrologists to make a rough approximation of climatic seasons for use in analyzing the water quality data.

Again, it is important to note the many ways of defining "seasons" and thus the limitations of the seasonal analysis contained in this document. For certain parks it may be more useful to perform a seasonal analysis with seasons defined by recreational use patterns or some other natural or anthropogenic factor. This option is available to the park since all the water quality data analyzed in this document is contained on disk(s) accompanying this report. Digital, reproducible copies of this seasonal analysis graphic are also included on the disk(s) accompanying this report.

Contacts for Agency Codes Retrieved

This table provides a list of the organizations who have entered data into STORET. A contact name at the organization and a phone number are also supplied. The agency code in the first column is the key for identifying which stations belong to that agency. This code will appear in the first line of each station's inventory. Although the agencies listed in this table are potential partners for future water quality monitoring or management endeavors, don't be surprised if the name of the contact and/or the telephone number is out of date. This information is entered when an agency first creates a station. The agency may not update this information when the initial contact moves on or the telephone number changes. Nonetheless, it is likely that the contact or someone else at the agency may be able to provide you with project reports or other information relative to the agency's data. A digital copy of this table accompanies this report on disk (See Appendices A and B).

Quantity of Data Retrieved by Agency Code

This table displays the period-of-record; numbers of water quality stations, longer-term stations, and stations without data; total number of water quality observations; and the number of unique water quality parameters measured by each agency within the study area and park boundary. Using this table, a park can quickly determine which agencies collect the most data in and around the park and whether they have monitored recently. A digital copy of this table accompanies this report on disk (See Appendices A and B).

Station Period of Record Tabulation

The Station Period of Record Tabulation provides a quick overview of the names of all the stations within the study area where water quality has been monitored and data entered into STORET. It also furnishes the total number of observations taken at each station and the frequency of observations between certain dates: (1) 01/01/85 until the most recent date data were measured; (2) 01/01/75 - 12/31/84; and (3) prior to 01/01/75. The station identification number, the four character park abbreviation code followed by a four digit number, provides the means to jump from a particular station in the table to the statistical and graphical analyses for this station contained in the Station-By-Station Results section. The Station Period of Record Tabulation reveals which water

quality stations were situated within the park as defined by the park's GIS boundary. The Station Period of Record Tabulation also footnotes longer-term water quality stations. Longer-term stations are those that have at least 6 parameters with an average of one or more observations per year for those parameters during a period of record extending at least two years. Note that although a station may not be flagged as longer-term, it can still harbor much important data (albeit for only a few parameters or over a very long term with just a few observations). A digital copy of this table accompanies this report on disk (See Appendices A and B).

Parameter Period of Record Tabulation

The Parameter Period of Record Tabulation provides a complete listing of every water quality parameter ever measured in the study area and entered into STORET. This table is a summation of all the water quality observations for each parameter across all stations in the study area. Like the Station Period of Record Tabulation, the total number of observations for each parameter and the frequency of observations between: (1) 01/01/85 until the most recent date data were measured; (2) 01/01/75 - 12/31/84; and (3) prior to 01/01/75 are provided. This table is handy for quickly assessing whether particular parameters have been measured in the study area. The Parameter Period of Record Tabulation also shows how many in-park (and total) water quality stations contained data for each parameter. Some administrative parameters and parameters not suitable for statistical analysis within the context of this project (as discussed in the Screening Methodologies and Procedures section of the Methodology chapter) are listed in the Parameter Period of Record Tabulation, but not in the Station-By-Station Results section. A digital copy of this table accompanies this report on disk (See Appendices A and B).

Station/Parameter Period of Record Tabulation

The Station/Parameter Period of Record Tabulation combines the information found in the Station Period of Record Tabulation and the Parameter Period of Record Tabulation. This table provides a listing of all the stations where a particular water quality parameter was measured in the study area and the data entered into STORET. The table provides the start and end dates of the period of record of each parameter at each station; the number of years of measurement (computed from the start and end dates); whether the station/parameter combination occurred within the park boundary; the total number of observations for each parameter at each station, and whether a time series (T), annual (A), and/or seasonal (S) plot was generated for the station/parameter combination in the Station-By-Station Results section. This table is very useful when you need to determine at which locations within the study area (or park) particular parameters were monitored and how much data was collected there. Some administrative parameters and parameters not suitable for statistical analysis within the context of this project (as discussed in the Screening Methodologies and Procedures section of the Methodology chapter) are listed in the Station/Parameter Period of Record Tabulation, but not in the Station-By-Station Results section. A digital copy of this table accompanies this report on disk (See Appendices A and B).

Station-By-Station Results

Probably the most voluminous portion of the document is the Station-By-Station Results. Here the results of the water quality analyses for each station are presented in sequence. The results include the station inventory; parameter inventory; EPA water quality criteria analysis; and, as applicable, time series graphics and annual and seasonal tables and box-and-whiskers graphics. Each of these products are discussed below.

Station Inventory for Station

Each station's data commences with its Station Inventory. The Station Inventory provides the descriptive attributes about each water quality monitoring station contained in STORET. This includes a variety of locational information such as a verbal description, the Federal Information Processing codes for county and state, latitude and longitude, and other items; the station type (stream, spring, estuary, etc.); monitoring agency; creation date; indices to the River Reach File; whether the station lies within the park boundary; and several other attributes. This water quality station location data is also contained on disk(s) accompanying the report (See Appendices A and B).

Parameter Inventory for Station

Following the descriptive attributes about a station is the Parameter Inventory for the station. The Parameter Inventory provides a complete inventory and descriptive summary of all the water quality parameter data for the station. This table furnishes the parameter STORET code and name; the period of record for this parameter at this station; and the descriptive statistics defined in the Statistical Definitions in the previous chapter. Three different footnotes can appear on a parameter's descriptive statistics. Two asterisks (**) in the 10th, 25th, 75th, or 90th percentile columns indicates that there was insufficient data to compute these statistics for this parameter. Percentiles were not computed unless the parameter had at least 9 observations. Two number signs (##) next to the number of observations indicates that more than 50 percent of the observations entered into the computations as values that were taken to be half the detection limit. Caution should be employed in interpreting and using statistical results when more than half the values are set to half the detection limit. The letter "p" following a numeric STORET parameter code in the Parameter Inventory indicates that a time series plot was produced for this parameter at this station. Digital, reproducible copies of the Parameter Inventory tables are contained on the disk(s) accompanying this report.

Two downloaded parameter groups, pH and bacteriological, received special treatment whenever descriptive statistics were computed in the Parameter Inventory (as well as subsequent annual and seasonal tables). Whenever pH appears in a descriptive statistics table, the entry is increased to 3 entries: (1) the original pH entry; (2) pH computed from conversion to and from μeq/l H^+; and (3) μeq/l H^+. The reason for these conversions is that pH is actually the negative logarithm of the hydrogen ion concentration. To be technically correct in computing descriptive statistics, pH values must be converted to μeq/l H^+ (Kunkle and Wilson 1984). Once the descriptive statistics are computed using the pH values expressed as μeq/l H^+, the results can be converted back to pH. The three pH entries in the descriptive statistics table will all have the same STORET code.

Whenever a bacteriological parameter appears in a descriptive statistics table, the entry is increased to 3 entries: (1) the original bacteriological entry; (2) an entry computed using the log of each measured value; and (3) an entry that simply reports the geometric mean. The reason for converting to logs and displaying the geometric mean is convention. Bacteriological water quality standards typically reference the geometric mean rather than the arithmetic. The three bacteriological entries in the descriptive statistics tables will all have the same STORET code.

EPA Water Quality Criteria Analysis for Station

The EPA Water Quality Criteria Analysis table follows the Parameter Inventory. This table presents a comparison between the station's STORET water quality data and applicable national water quality criteria for freshwater and marine aquatic organisms; drinking water; and other concerns. Comparison against applicable State water quality criteria was not feasible given project resources. Appendix F provides the relevant national EPA water quality criteria values. In most cases, the EPA water quality criteria values are single sample concentrations that can be directly compared to single sample STORET entries. There are, however, two notable exceptions to this single sample/single value comparison: ammonia and fecal-indicator bacteria. For these two parameters, criteria are either derived from or depend on the results of other chemical characteristics of the water or require a time series statistical treatment of multiple samples to determine whether the criterion has been exceeded. The EPA ammonia criterion is pH and temperature dependent. To calculate the criterion for each ammonia sample value was beyond

the scope of this project. Consequently, ammonia criteria were not included in Appendix F or the EPA Water Quality Criteria Analyses. Un-ionized ammonia criteria can be determined from formula table values included in the EPA Silver Book (Environmental Protection Agency 1995).

For the purposes of this project, fecal-indicator bacteria data were flagged as exceeding criteria when their concentrations exceeded 200, 1000, 126, and 33 (fresh)/35 (salt) colony forming units or most probable number for single samples of fecal coliform, total coliform, E. coli, and enterococci, respectively. These values represent only approximations of the criteria for primary contact recreation waters where criteria are typically expressed in terms of a geometric mean computed with no less than 5 samples during a given month. When a fecal-indicator bacterial observation exceeds a criterion in the EPA Water Quality Criteria Analysis section, the reader should refer to the corresponding geometric mean calculations in the preceding Parameter Inventory. Long-term geometric means that exceed the respective water quality criteria for multiple samples are more indicative of chronic bacteriological problems than single sample values.

Water quality observations carrying non-detection or below-detection limit remark codes (K, T, and U) required special treatment in the EPA Water Quality Criteria Analysis. As with the statistics in the Parameter Inventory, half the detection limit was the value used in the EPA Water Quality Criteria Analysis. For certain observations, however, half the detection limit may exceed a water quality criterion. For those observations it would be inappropriate to classify them as exceeding a criterion since the actual value wasn't known. Thus, it was decided that any below detection limit or non-detect observations that exceed a water quality criterion using half the detection value would be excluded from the EPA Water Quality Criteria Analysis. If non-detect or below detection limit values are excluded from the EPA Water Quality Criteria Analysis for a particular parameter, the total observations for that parameter will be footnoted with an ampersand (&). This will also explain the difference between the total observations in the Parameter Inventory and the EPA Water Quality Criteria Analysis. Non-detect or below detection limit values are included in the EPA Water Quality Criteria Analysis, however, if half the detection limit doesn't exceed the parameter's criterion.

The EPA Water Quality Criteria Analysis for each station lists the parameter; the standard type and value; the total number of observations for the parameter at this station; the number of observations that exceeded the standard value; and the proportion of observations that exceeded the standard value. Water quality observations are considered as having exceeded a criterion regardless of whether the criterion represents a maximum acceptable value or a minimum acceptable value. The table also breaks down the water quality criteria analysis on a seasonal basis to allow the reader to discern whether parameter observations tend to exceed criteria during only certain seasons or year round. Although the EPA Water Quality Criteria Analysis table is a good starting point for assessing potential water quality problems at the station, the reader is strongly encouraged to read the caveat section in the Introduction concerning drawing conclusions about water quality problems from this table. Digital, reproducible copies of these tables accompany the report on disk (See Appendices A and B).

Time Series Plots for Station

Following the EPA Water Quality Criteria analysis will be any Time Series Plots for each parameter that met the time series plot screening criterion selected for the park unit. If a time series plot is generated for a particular parameter at a station, a "p" will appear next to the STORET parameter code in the Parameter Inventory. If no time series plots are present for the particular station, the data did not meet the time series screening criterion listed in the Overview section of the Water Quality Results chapter. The x-axis on these plots is the period of record, listing only the 2-digit calendar year for clarity (i.e. 1983 is presented as 83). The y-axis is the concentration of the selected parameter in its measurement units. In general, the units for a given parameter are given either on the y-axis or in the parameter description in the subtitle of the graph. Subtitle and/or y-axis parameter descriptions may be truncated on the plots so as to not exceed the maximum number of plotting characters. Y-axis values less than zero are sometimes shown for better representation of the entire plot. The station identification code, parameter description, and parameter STORET code are presented in the main title. The footnote provides a descriptive location name. Observations on the plot are represented as squares. Lines are drawn connecting each successive observation. As mentioned previously in the Statistical Definitions section of the Methodology chapter, the interconnecting line is drawn only for ease of reading and provides no indication of what the actual parameter

values were between the two observed measurements. Digital, reproducible copies of all time series plots accompany the report on disk (See Appendices A and B).

For time series plots of pH, the original pH values are plotted. For time series plots of bacteriological data, the log of the measured value is plotted. Hence, the y-axis of a time series plot for bacteriological parameters is log-linear.

Annual Analysis for Station

If more than 9 observations exist in each of at least 4 years for a particular parameter at a station, an Annual Analysis table will be generated. Entries will be made in the table for each parameter having more than 9 observations in each of at least 4 years. The Annual Analysis presents the same descriptive statistics as the Parameter Inventory table, except that it provides the statistics by year, rather than the entire period of record. Although some of the years may not contain 9 observations, these years still have an entry in the table. A parameter needs only to have 9 observations in any 4 years of its period of record to qualify for the Annual Analysis table. Like the Parameter Inventory, percentiles with fewer than 9 observations are not computed and entries computed with greater than 50 percent of the data values set to half the detection limit are flagged. Entries in the Annual Analysis table that also meet the annual analysis box-and-whisker plot screening criterion will be flagged with a "p" next to the STORET code. Digital, reproducible copies of these tables accompany the report on disk (See Appendices A and B).

Annual Box-and-Whiskers Plots for Station

Entries in the Annual Analysis table that meet the annual box-and-whisker plot screening criterion will generate Annual Box-and-Whiskers Plots. The interpretation of box-and-whiskers plots is explained in the Statistical Definitions section of the Methodology chapter. A box is generated for each year of the period of record, even if less than 9 observations were recorded in the year. The axis labeling and plot titling is the same as for the time series plots. Digital, reproducible copies of these graphics accompany the report on disk (See Appendices A and B).

For annual box-and-whiskers plots of pH, μeq/l H^+ are plotted. For annual box-and-whiskers plots of bacteriological data, the log of the measured value is plotted. Hence, the y-axis of an annual box-and-whiskers plot for bacteriological parameters is log-linear.

Seasonal Analysis for Station

As explained above, a park's hydrologic seasons for seasonal water quality analysis were determined using a process of hydrograph separation and other techniques. If a parameter has more than 9 observations in each of 2 seasons with a period of record of at least 6 years and observations in at least 3 of the 6 years, a Seasonal Analysis table will be generated for the station. The Seasonal Analysis presents the same descriptive statistics as the Parameter Inventory table, except that it provides the statistics by season, rather than the entire period of record. Although certain parameters for a season at a station may not contain 9 observations, these parameters can still have an entry in the table. A parameter needs only to have 9 observations in each of 2 seasons with a period of record of at least 6 years and observations in at least 3 of the 6 years to qualify for the Seasonal Analysis table. Consequently, some of the parameters could have fewer than 9 observations in a particular season but still generate a table entry. Like the Parameter Inventory and Annual Analysis, percentiles with fewer than 9 observations are not computed and entries computed with greater than 50 percent of the data values set to half the detection limit are flagged. Entries in the Seasonal Analysis table that also meet the seasonal analysis box-and-whisker plot screening criterion will be flagged with a "p" next to the STORET code. Digital, reproducible copies of these tables accompany the report on disk (See Appendices A and B).

Seasonal Box-and-Whiskers Plots for Station

Entries in the Seasonal Analysis table that meet the seasonal box-and-whisker plot screening criterion will generate Seasonal Box-and-Whiskers Plots. The interpretation of box-and-whiskers plots is explained in the Statistical Definitions section of the Methodology chapter. A box is generated for each season of the period of record, even if less than 9 observations were recorded in the season. On the x-axis, the seasons are labeled 1 through the number of seasons defined for the park through hydrograph separation. The actual calendar dates that correspond to these numerically labeled seasons exist in the Overview section and the Seasonal Analysis tables in the Water Quality Results chapter. The axis labeling and plot titling are the same as for the time series and annual box-and-whiskers plots. Digital, reproducible copies of these graphics accompany the report on disk (See Appendices A and B).

For seasonal box-and-whiskers plots of pH, μeq/l H^+ are plotted. For seasonal box-and-whiskers plots of bacteriological data, the log of the measured value is plotted. Hence, the y-axis of a seasonal box-and-whiskers plot for bacteriological parameters is log-linear.

EPA Water Quality Criteria Analysis for Entire Park Study Area

This table essentially summarizes all the individual station-by-station EPA water quality criteria analyses in the study area. (Refer to the EPA Water Quality Criteria Analysis for Station section above for more detailed information on the treatment of special cases in the EPA Water Quality Criteria Analysis for Entire Park Study Area.) This table presents a comparison between the study area's STORET water quality data and applicable national water quality criteria for freshwater and marine aquatic organisms; drinking water; and other concerns. Comparison against applicable State water quality criteria was not feasible given project resources. Appendix F provides the relevant national EPA water quality criteria values. The EPA Water Quality Criteria Analysis for the Entire Park Study Area lists the parameter; the standard type and value; the total number of observations for the parameter at this station; the number of observations that exceeded the standard value; and the proportion of observations that exceeded the standard value. Water quality observations are considered as having exceeded a criterion regardless of whether the criterion represents a maximum acceptable value or a minimum acceptable value. The table also breaks down the water quality criteria analysis on a seasonal basis to allow the reader to discern whether parameter observations tend to exceed criteria during only certain seasons or year round. Although the EPA Water Quality Criteria Analysis for the Entire Park Study Area is a good starting point for assessing potential water quality problems at the park, the reader is strongly encouraged to read the caveat section in the Introduction before drawing conclusions about water quality problems from this table. A digital, reproducible copy of this table accompanies the report on disk (See Appendices A and B).

NPS Servicewide Inventory and Monitoring Program
Level I Water Quality Inventory Data Evaluation and Analysis (IDEA)

One of the objectives of this Baseline Water Quality Data Inventory and Analysis project is to perform an IDEA - an Inventory Data Evaluation and Analysis - to determine the presence and/or absence of Servicewide Inventory and Monitoring Program "Level I" water quality parameter groups in the park's study area. The Strategic Plan for Conducting Baseline Natural Resource Inventories in the National Park Service (National Park Service 1993) identified the basic water quality parameters displayed in Table I as the parameters that all parks must have for "key" waterbodies (determined on the basis of size, uniqueness, threats, etc.) within park boundaries. Since these parameters can be measured in different ways and with different units, there are multiple STORET codes associated with each parameter; hence the concept of parameter groups. The Strategic Plan distinguishes between those parameter groups required for all parks and parameter groups required only on a case-by-case basis.

The IDEA basically compares the parameters listed in the Parameter Period of Record Tabulation and Station/Parameter Period of Record Tabulation with the "Level I" Servicewide Inventory and Monitoring water quality parameter groups, listed in Table I and in Appendix G, and notes, not only the presence or absence of each parameter group, but the total number of observations for each parameter present in the group; the number of

observations between certain time periods; and the total number of stations within the study area at which the parameter was measured. The total number of different (unique) stations measuring parameters for the group is in parentheses on each parameter group's summary line.

The first page of the IDEA lists the missing Servicewide Inventory and Monitoring Program "Level I" groups. If a parameter group appears on this list, no data for any of the parameters defining the group (See Appendix G) was retrieved for it within the study area. So-called non-priority parameter groups may appear in the missing list. Non-priority parameters are park-specific parameters (case-by-case) which may not be applicable to your park. Consequently, if you believe a particular parameter, not included in IDEA (See Appendix G), to be important for your park, you will have to consult the Parameter and Station/Parameter Period of Record Tabulations to determine the presence or absence of this parameter for the park. Although considered a "Level I" parameter, biological data, obtained through rapid bioassessment or other means, is not considered in this report which deals specifically with surface water chemistry. Following the Missing Level I Group list is the Present Level I Group list which displays the summary results for each Servicewide Inventory and Monitoring "Level I" water quality parameter group that was found.

Table I. Basic "Level I" Water Quality Parameters Identified as Required and Optional By the Servicewide Inventory and Monitoring Program for "Key" Park Waterbodies

Required Parameter Groups:
(1) Alkalinity
(2) pH
(3) Conductivity
(4) Dissolved Oxygen
(5) Rapid Bioassessment Baseline (EPA/State protocols, involving fish and macroinvertebrates)
(6) Temperature
(7) Flow

Case-By-Case Parameters Groups:
(8) Toxic Elements
(9) Clarity/Turbidity
(10) Nitrate/Nitrogen
(11) Phosphate/Phosphorus
(12) Chlorophyll
(13) Sulfates
(14) Bacteria

The last page of the IDEA summarizes the information from the Missing and Present Level I Group lists. This page provides information on the temporal and spatial distributions of the data. Included in this table are the total number of observations for each parameter group; the number of observations since January 1, 1985; the percent of the total observations since January 1, 1985; the number of stations measuring each parameter group; the percent of the total number of stations with data measuring the parameter group; the number of observations per station with data; the period-of-record for this parameter group; and the average number of observations per year of the period-of-record.

In interpreting the results of the IDEA, the reader should first consult the Missing Level I Group list. For the parameter groups listed, there was no baseline water quality data within the study area entered in STORET. Consequently, these parameter groups could be a higher priority for data collection. It is important, however, to realize that data within these parameter groups may have been already collected but not entered into STORET. The resources for this project did not enable us to pursue thorough literature and file cabinet reviews to dredge up

every last iota of data. If data exists for certain Servicewide Inventory and Monitoring Program "Level I" water quality parameter groups in a park's file cabinet, it is the park's responsibility to factor that data into their IDEA. Consequently, the listing of a parameter group on the Missing "Level I" Group list is not a WRD endorsement to launch a study to collect these data. The IDEA is intended to simply note that no data exist for these parameter groups in STORET for the park. It is the park's responsibility to ascertain whether such data has already been collected by the park or other entities before embarking on a new study. In fact, in the future the WRD will require that any park study plan proposing to collect baseline water quality data show that they have consulted their Baseline Water Quality Data Inventory and Analysis report and searched in other locations (file cabinets, published literature, etc.) for the data they propose to collect. A similar interpretation springs from the Present "Level I" Group list. Insufficient data density in certain time periods for particular parameter groups is not necessarily cause for launching a new inventory and/or monitoring program. The park should still consult with other potential sources of data. Again, the IDEA is designed to provide only a quick check on data in STORET for the Servicewide Inventory and Monitoring Program "Level I" water quality parameter groups.

Water Quality Observations Outside STORET Edit Criteria for Park

STORET data entered after November 1983 were subjected to rudimentary edit/bounds checking for 190 common parameters (See the STORET Edit Criteria in Appendix C). None of the data entered into STORET prior to that time has been subjected to edit/bounds checking. Moreover, to maintain exact comparability with USGS WATSTORE data, WATSTORE data entered into STORET has never been subjected to the EPA edit/bounds checking. During the pilot test phase of this project, obviously incorrect data was identified from both USGS and other agency data in STORET. As a consequence, all data downloaded from STORET was filtered through the STORET edit criteria to identify parameter observation values that fall outside any edit criterion ranges. This section documents the station name, parameter, date, time, parameter value, agency, and STORET station name of every observation that fell outside the range of an edit criterion. Not all data falling outside an edit criterion are necessarily incorrect. Such data may represent unique or special conditions. Consequently, every observation falling outside a STORET edit criterion was scrutinized to determine, in our best professional judgement, whether the value was in the realm of possibility or obviously incorrect. Water quality observations that appeared to be obviously incorrect are marked with an "X" in the Disposition column of this table. These values were not retrieved or included in any of the inventory tables or graphs. Water quality values outside a STORET edit criterion but within the realm of possibility were retained and included in inventory tables and graphs. The Water Quality Observations Outside STORET Edit Criteria for Park table documents all values that were outside an edit criterion range. This documentation is also necessitated by the fact that agencies can override the STORET edit criteria for individual observations. Although the edit criteria eliminate some potentially "bad" data from the report, the probability of other incorrect data, for both the 190 parameters that are edit/bound checked and all the other STORET parameters that aren't error checked, is high. Readers should consult the Caveat section in the Introduction for guidelines on the use and interpretation of STORET data. The responsibility for correcting these observations rests with the collecting agency.

WATER QUALITY RESULTS

OVERVIEW FOR PAAL

Study Area Boundary Description

The study area includes the park and all areas within at least 3 miles upstream of the park unit boundary and at least 1 mile downstream.

	Study Area	Park
GIS Estimated Acreage:	272199	3414
# STORET Stations:	21	0
# Stations With No Data:	2	0
# Stations With No Stat. Analysis:	0	0
# Longer Term Stations:	10	0
Date of STORET Retrieval:	04/05/99	04/05/99
Period of Record:	10/01/59-01/07/97	No Data in Park
# Parameters Measured:	902	0
# Water Quality Observations:	32945	0
# Industrial/Municipal Facilities:	0	0
# Drinking Water Intakes:	0	0
# Water Gages:	1	0
# Water Impoundments:	19	0
# Total Plots:	93	0
# Time Series:	38	0
# Annual:	28	0
# Seasonal:	27	0

Hydrologic Definition of Seasons:

1. October 1 - November 30
2. December 1 - March 31
3. April 1 - September 30

Time Series Plot Criteria:

To be included in the time series plots, a station/parameter combination must have at least 18 years and at least 104 observations.

Annual Analysis Criteria:

To be included in the annual box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of at least 8 years.

To be included in the annual analysis tables, a station/parameter combination must have at least 9 observations in each of at least 4 years.

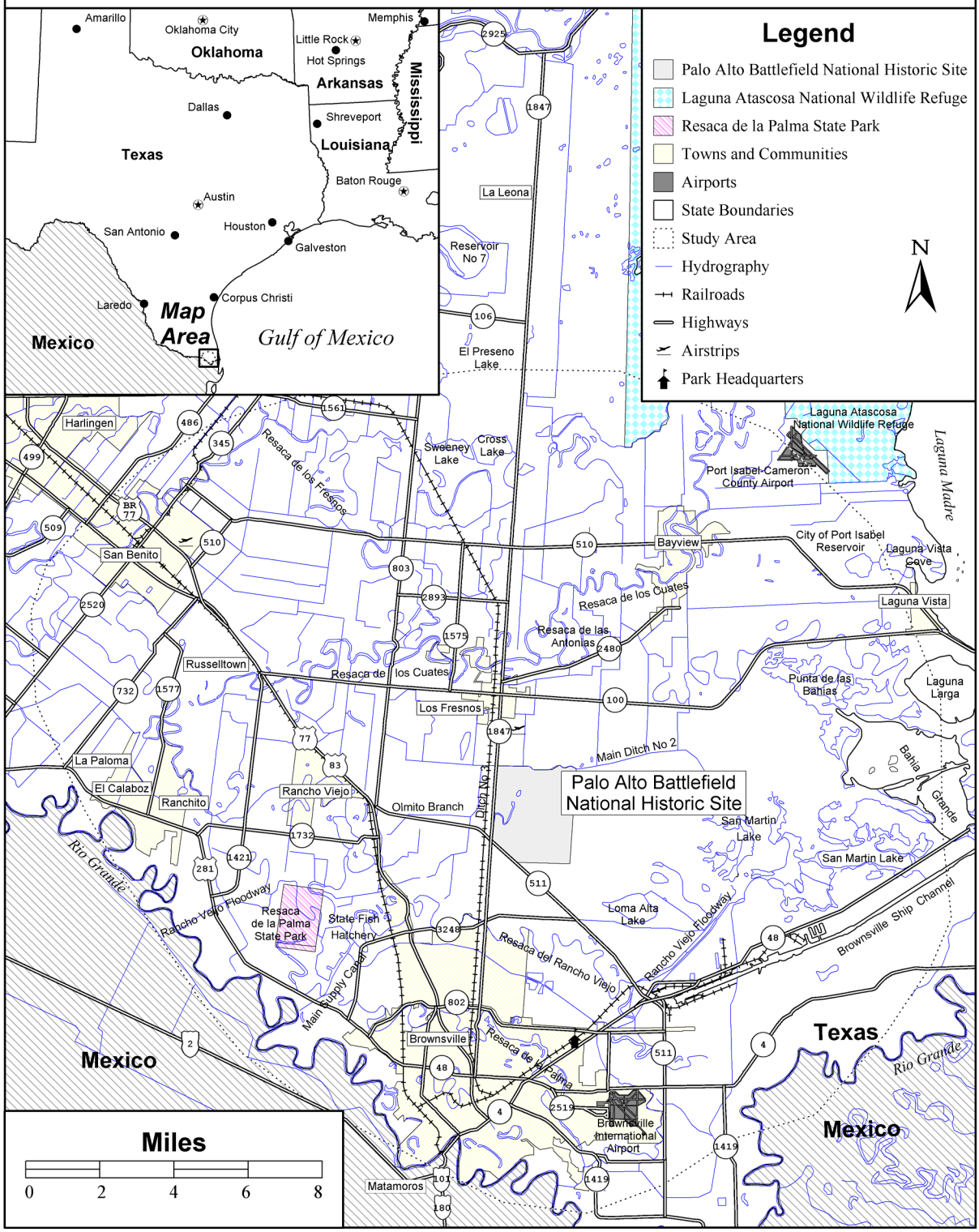
Seasonal Analysis Criteria:

To be included in the seasonal box-and-whisker plots, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 22 years and observations in at least 4 of the 22 years.

To be included in the seasonal analysis tables, a station/parameter combination must have at least 9 observations in each of 2 seasons and a period of record of at least 6 years and observations in at least 3 of the 6 years.

Palo Alto Battlefield National Historic Site

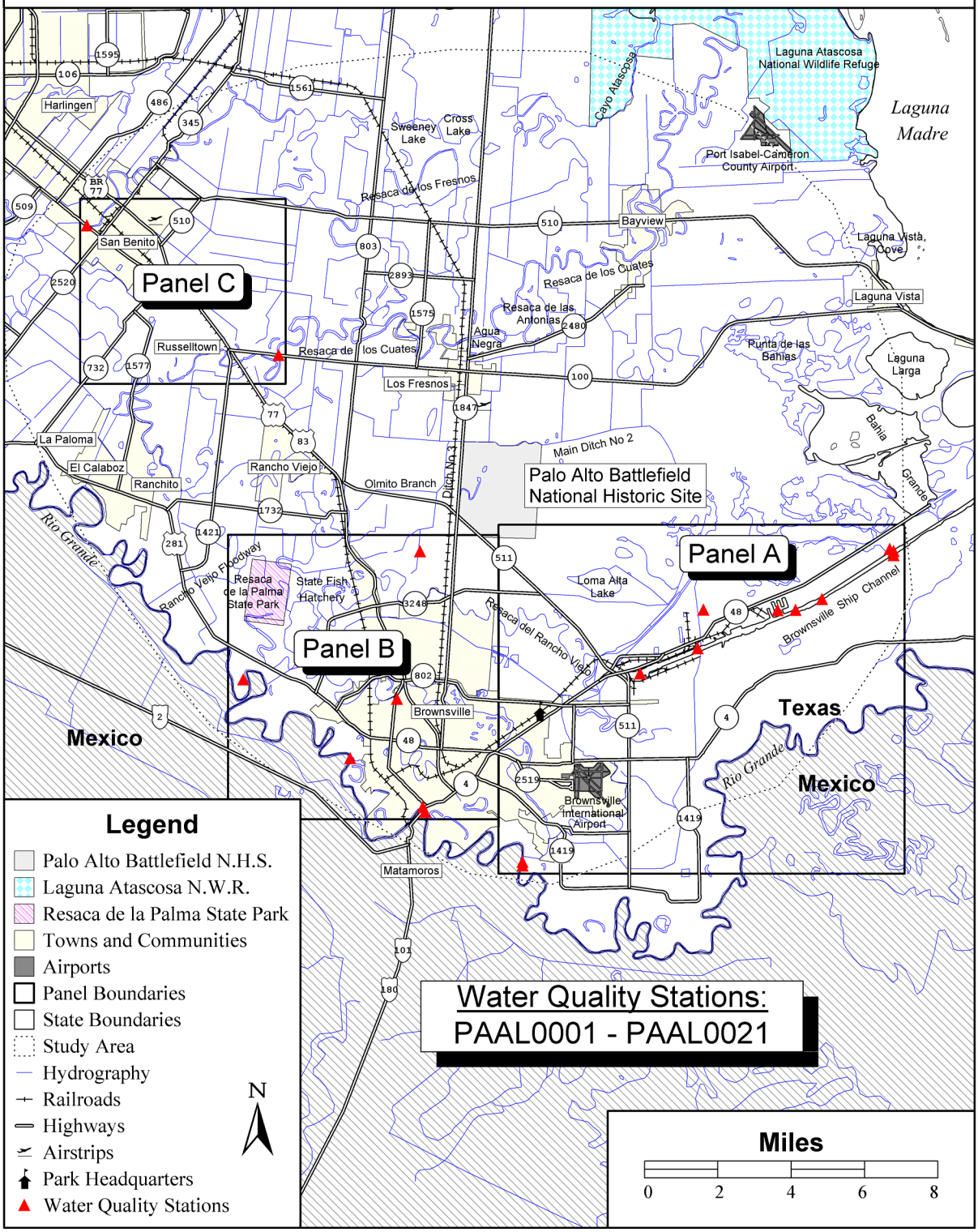
Regional Location Map



Palo Alto Battlefield National Historic Site

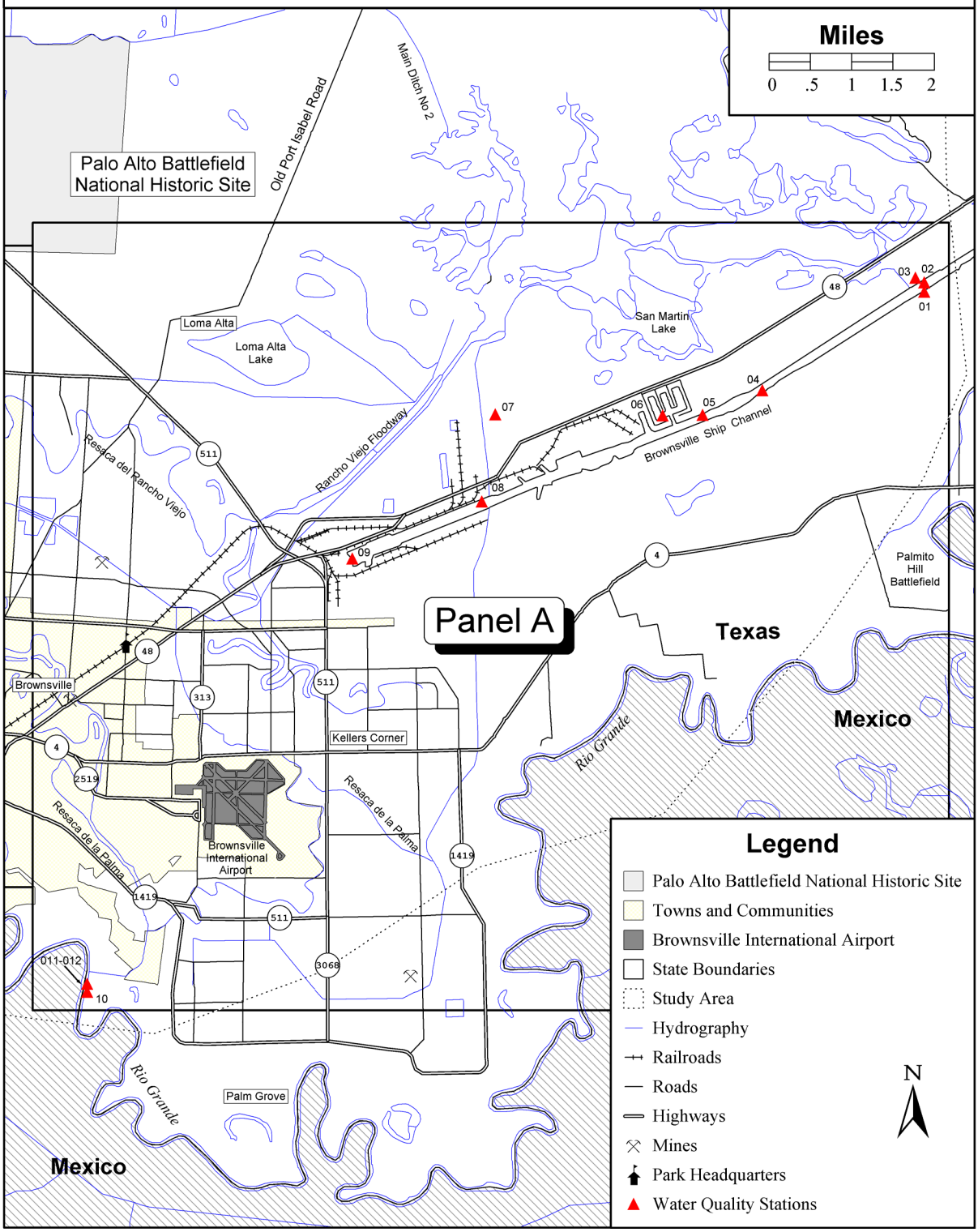
Water Quality Monitoring Locations

Graphic Panel Index



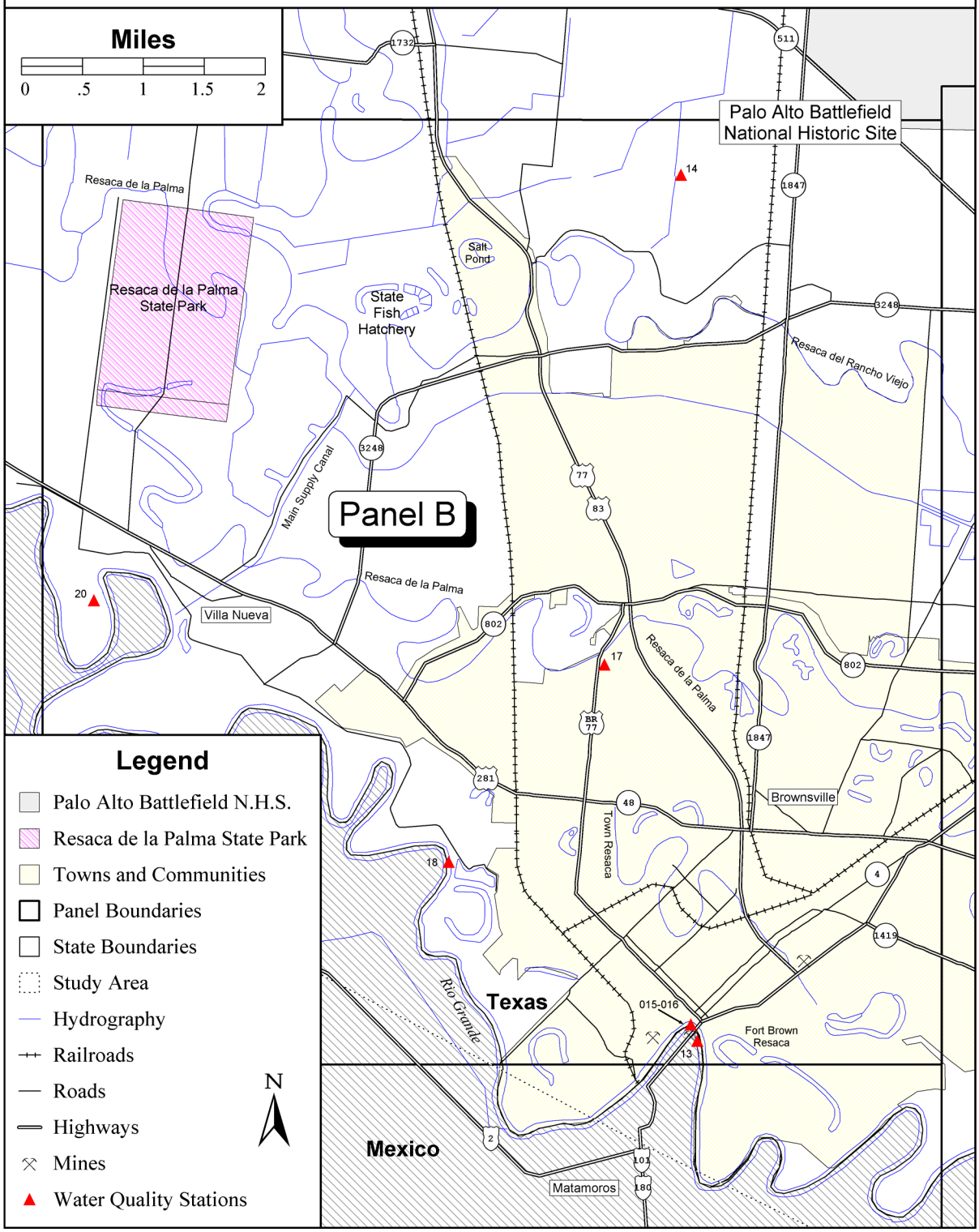
Palo Alto Battlefield National Historic Site

Water Quality Monitoring Locations



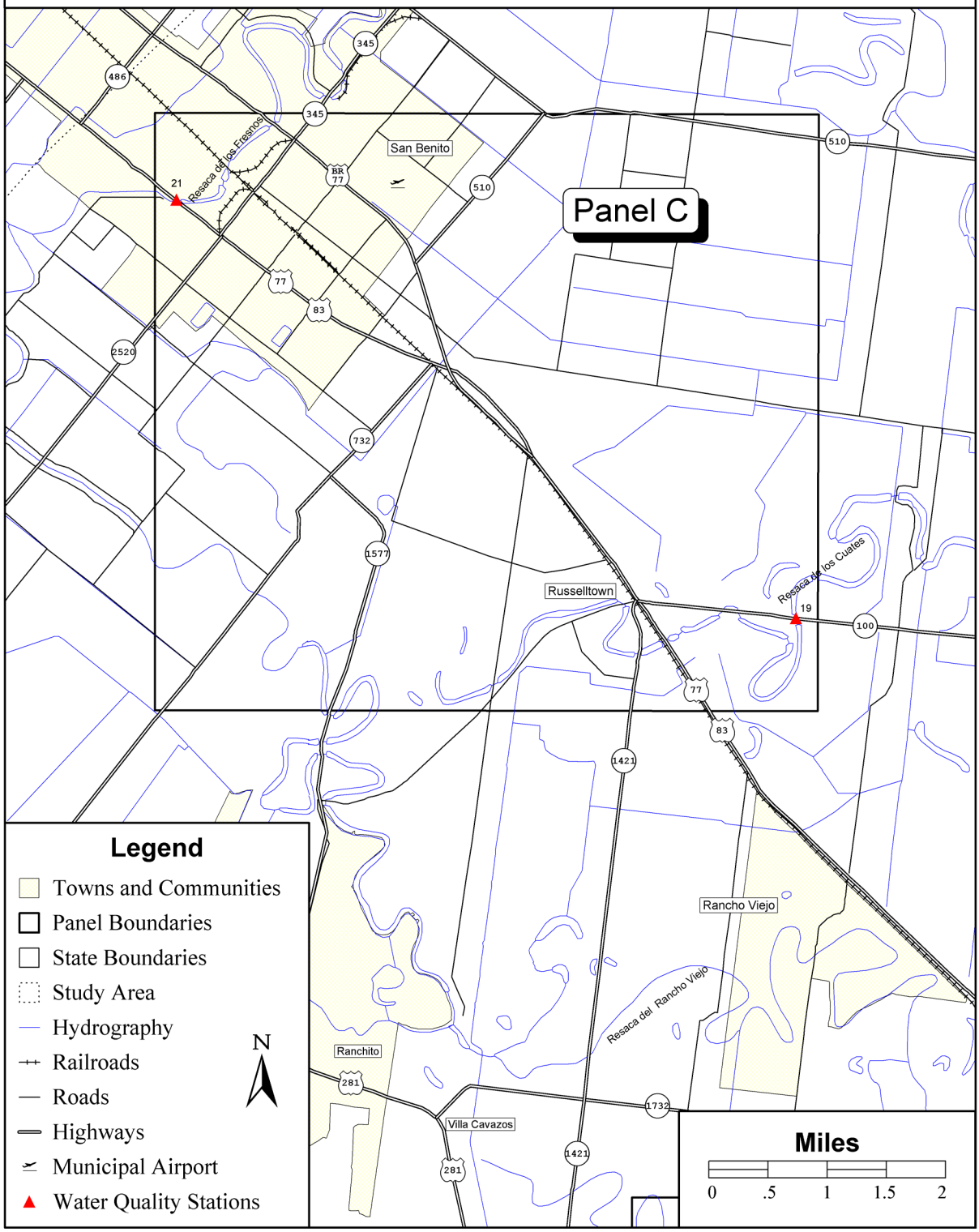
Palo Alto Battlefield National Historic Site

Water Quality Monitoring Locations



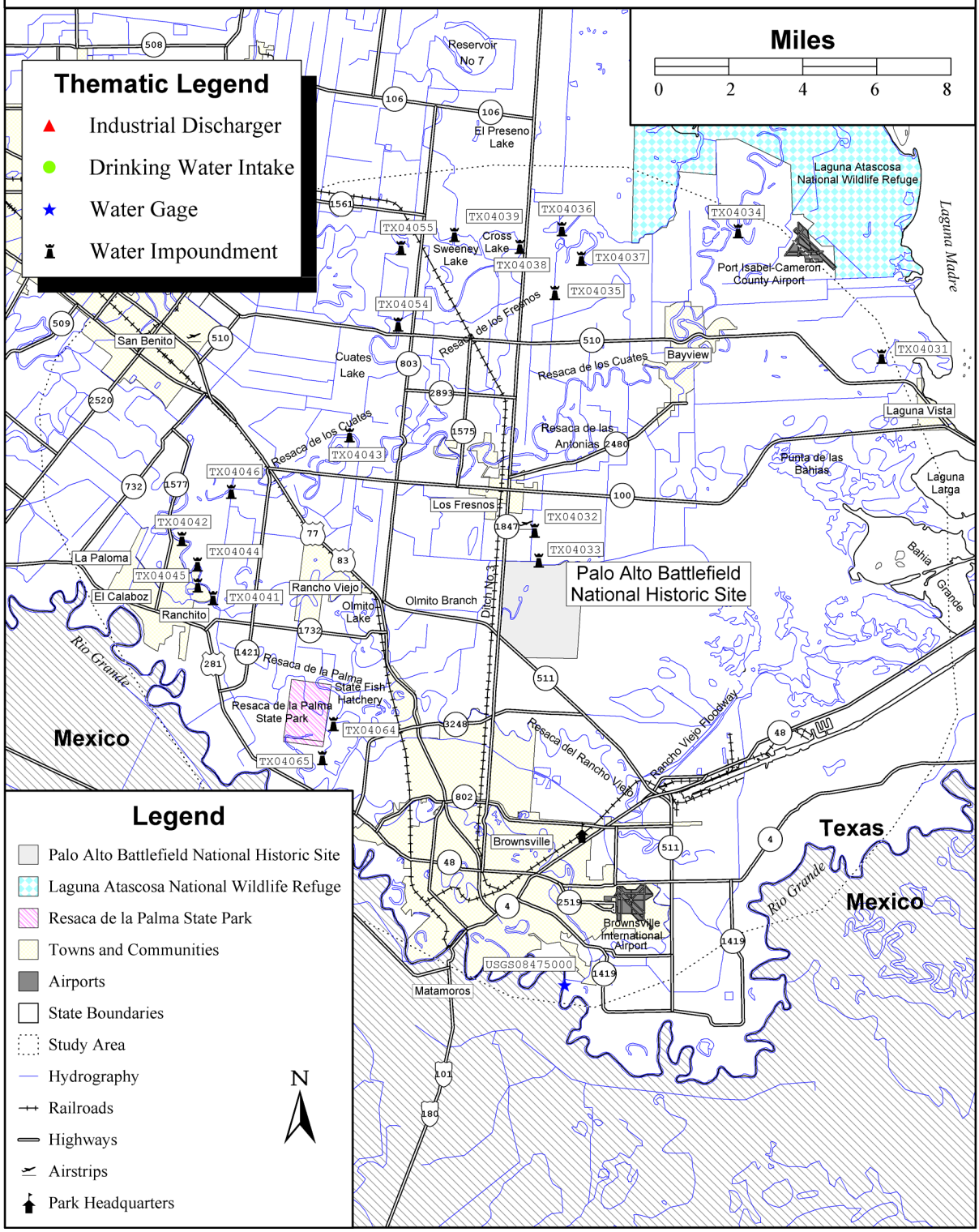
Palo Alto Battlefield National Historic Site

Water Quality Monitoring Locations



Palo Alto Battlefield National Historic Site

Dischargers, Drinking Intakes, Water Gages, & Water Impoundments



Industrial Facility Discharges, Drinking Water Intakes, Water Gages, and Water Impoundments Within the PAAL Study Area

Industrial Facility Discharges

Site ID	Station/Facility Name	Address	City	Facility Receiving Water Name

No IFD sites available for this study area.

Drinking Water Intakes

Site ID	Station/Facility Name	City	Population Served	Avg. Daily Production (Gal./Day)

No drinking water intakes available for this study area.

Water Gages

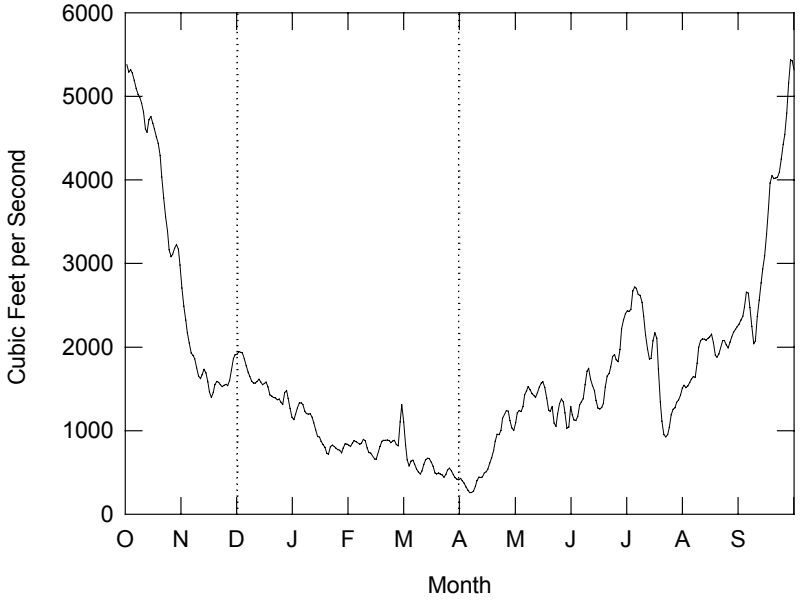
Site ID	Station Name	Site Type	Drainage Area (Square Miles)	Begin Year	End Year
USGS08475000	RIO GRANDE NR BROWNSVILLE, TX	Stream	176333	1966	1998

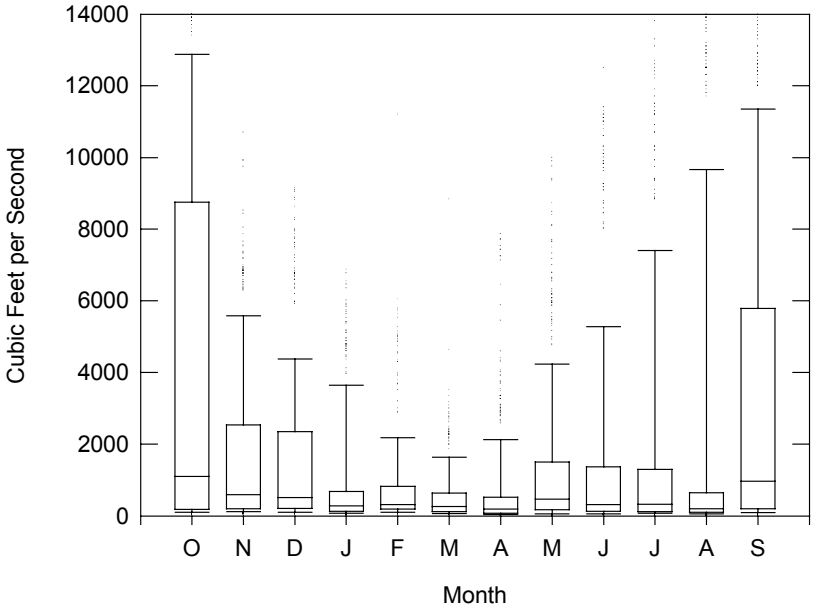
Water Impoundments

Site ID	Impoundment Name	Owner	Primary Purpose	Type of Dam	Downstream Hazard	Year Completed
TX04031	CAMERON COUNTY FWSD DAM 1	CAMERON CO FWSD 1	Supply	Earth	Low	1952
TX04032	DANA-TULE LEVEE 1	MARTHA DANA MERCER TRUST	Supply	Earth	Low	1951
TX04033	DANA-TULE LEVEE 2	MARTHA DANA MERCER TRUST	Irrig.	Earth	Low	1954
TX04034	CAIN DAM 2	JW-FRANCES CAIN ET AL	Irrig.	Earth	Low	1949
TX04035	MERCER DRY RESERVOIR LEVEE	CHARLES M ARMSTRONG ETAL	Irrig.	Earth	Low	1953
TX04036	MERCER RESERVOIR 1 LEVEE	CHARLES M ARMSTRONG ETAL	Irrig.	Earth	Low	1950
TX04037	MERCER RESERVOIR 2 DAM	CHARLES M ARMSTRONG ETAL	Irrig.	Earth	Low	1950
TX04038	SWEENEY LAKE EAST LEVEE	THOMAS H SWEENEY JR ET	Irrig.	Earth	Low	1948
TX04039	SWEENEY LAKE WEST	THOMAS H SWEENEY JR ET	Irrig.	Earth	Low	1948
TX04041	RANCHO VIEJO DAM SITE D	TEXAS COMMERCE BANK	Irrig.	Earth	Low	1931
TX04042	CAMERON COUNTY WID 16 DAM A	CAMERON COUNTY WID 16	Irrig.	Earth	Low	1929
TX04043	RUSSEL DAM 1	RUSSEL PLANTATION ET AL	Irrig.	Earth	Low	1931
TX04044	ROOS DAM A	EDWARD ROOS FARM	Irrig.	Earth	Low	1951
TX04045	ROOS DAM C	EDWARD ROOS FARMS	Irrig.	Earth	Low	1951
TX04046	RANCHO VIEJO DAM	TEXAS COMMERCE	Irrig.	Earth	Low	1931
TX04054	CUATES DAM NO 1 + NO 2	C M ARMSTRONG ET AL	Irrig.	Earth	Low	1947
TX04055	WARDNER LEVEE	CHARLES M ARMSTRONG ETAL	Irrig.	Earth	Low	1948
TX04064	MAIN RESERVOIR LEVEE	CAMRON CO WCID 6 ET AL	Irrig.	Earth	Low	1914
TX04065	NORIEGA PLANTATION DAM A	NORIEGA PLANTATION	Irrig.	Earth	Low	1919

REPRESENTATIVE MEAN ANNUAL HYDROGRAPH FOR SEASONAL ANALYSIS

PALO ALTO BATTLEFIELD NATIONAL HISTORIC SITE
Rio Grande near Brownsville, TX
08475000, 18 year record





Representative mean annual hydrograph (top) and distribution of daily flows by month (bottom) for hydrologic season determination. Box and whiskers represent a five number summary; bottom whisker cap is 10th percentile, bottom of box is 25th percentile, internal line is median, top of box is 75th percentile, and top whisker is 90th percentile. Hydrologic seasons for Palo Alto Battlefield National Historic Site are: Oct. 1 to Nov. 30, Dec. 1 to Mar. 31, and Apr. 1 to Sep. 30.

CONTACTS FOR AGENCY CODES RETRIEVED FOR PAAL

AGENCY	PRIMARY CONTACT NAME	ORGANIZATION	PHONE NUMBER(S)	
112WRD	BRIGGS, JOHN	US GEOLOGICAL SURVEY	(703)648-5624	
21TXWQB	DEACON, ROY	TEXAS WATER COMMISSION	(512)239-0870	
21TEXWR	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
* DATA FOR 21TEXWR HAS BEEN 'RETIRED' AT THE REQUEST OF STORET USER ASSISTANCE (800)424-9067 ON 05/20/97.				
1110NET	STORET USER ASSISTANCE	USEPA HQ	(202)260-7050	(800)424-9067
11FWS	HOELMAN, LOUIS	USEPA HQ	(202)260-7050	
11POX06	KOSKA, PAUL	USEPA REGION 6	(214)665-8357	
11NPSWRD	TUCKER, DEAN	NATIONAL PARK SERVICE	(970)225-3516	(970)225-3518
EFTX1	STORET USER ASSISTANCE	USEPA HQ	(202)260-7050	(800)424-9067

QUANTITY OF DATA RETRIEVED FOR PAAL BY AGENCY CODE

WITHIN THE ENTIRE STUDY AREA (S.A.) AND JUST WITHIN THE PARK

		Period of Record		Water Quality Stations		Longer Term[1] Stations		No Data Stations		Water Quality Observations		Water Quality Parameters	
Agency	Organization	Study Area	/ Park Only	S.A.	/ Park	S.A.	/ Park	S.A.	/ Park	S.A.	/ Park	S.A.	/ Park
112WRD	US GEOLOGICAL SURVEY	02/15/66-01/07/97	No Data in Park	6	0	5	0	0	0	12845	0	286	0
21TXWQB	TEXAS WATER COMMISSION	09/04/68-07/29/96	No Data in Park	3	0	3	0	0	0	11653	0	570	0
21TEXWR	USEPA HQ	03/07/73-06/12/78	No Data in Park	6	0	0	0	1	0	79	0	12	0
1110NET	USEPA HQ	10/01/59-05/22/72	No Data in Park	1	0	1	0	0	0	6956	0	137	0
11FWS	USEPA HQ	10/01/69-10/01/86	No Data in Park	1	0	1	0	0	0	943	0	39	0
11POX06	USEPA REGION 6	04/08/81-04/08/81	No Data in Park	1	0	0	0	0	0	247	0	247	0
11NPSWRD	NATIONAL PARK SERVICE	06/26/86-06/26/86	No Data in Park	2	0	0	0	0	0	222	0	111	0
EFTX1	USEPA HQ	No Data in S.A.	No Data in Park	1	0	0	0	1	0	0	0	0	0
Totals		10/01/59-01/07/97	No Data in Park	21	0	10	0	2	0	32945	0	902	0

[1]Station With At Least 6 Parameters Having An Average of 1 Or More Observations Per Year During a Period of Record Extending At Least 2 Years.

Station Period of Record Tabulation
From 10/01/59 To 01/07/97

Station Ident.	Location Description	In Park	Total Obs	01/01/85 to 01/07/97	01/01/75 to 12/31/84	Before 01/01/75
PAAL0001	1234202LAGUNA MADRE ES LINE 342 SITE 02	No	67	0	0	67
PAAL0002[1]	1234302LAGUNA MADRE ES LINE 343 SITE 02	No	830	0	537	293
PAAL0003	BUOY 35	No	1	0	0	1
PAAL0004[1]	1233402LAGUNA MADRE ES LINE 334 SITE 02	No	384	0	71	313
PAAL0005	SAN MARTIN LAKE OUTFALL	No	9	0	0	9
PAAL0006	FISHING HARBOR OUTLET	No	9	0	0	9
PAAL0007	UNION CARBIDE CORPORATION	No	0	0	0	0
PAAL0008	WCID #5 HARBOR OUTLET	No	1	0	0	1
PAAL0009[1]	1232002LAGUNA MADRE ES LINE 320 SITE 02	No	831	0	197	634
PAAL0010	RIO GRANDE EL JARDIN PUMP STATION	No	0	0	0	0
PAAL0011[1]	RIO GRANDE AT EL JARDIN PUMP	No	5293	4710	559	24
PAAL0012[1]	RIO GRANDE NR BROWNSVILLE, TX	No	9455	4194	4686	575
PAAL0013	RIO GRANDE INT BRIDGE ON US 77 AT BROWNSVILLE	No	59	0	39	20
PAAL0014	RIO GRANDE RIVER NEAR BROWNSVILLE	No	247	0	247	0
PAAL0015[1]	RIO GRANDE INTERNATIONAL BRIDGE ON US 77 AT BROW	No	5469	3019	1611	839
PAAL0016[1]	RIO GRANDE AT US HWY 77 AT BROWNSVILLE, TX	No	1278	0	1278	0
PAAL0017[1]	RIO GRANDE RIVER AT MISSION, TEXAS	No	943	105	525	313
PAAL0018[1]	RIO GRANDE AT BROWNSVILLE	No	6956	0	0	6956
PAAL0019	RESACA DE LOS CUATES AT HW 100 NEAR RUSSELTOWN	No	111	111	0	0
PAAL0020[1]	RIO GRANDE AT RIVER BEND	No	891	891	0	0
PAAL0021	RESACA DE LOS FRESNOS AT US HW 77 AT SAN BENITO	No	111	111	0	0

[1]Longer Term Station With At Least 6 Parameters Having An Average of 1 Or More Observations Per Year During a Period of Record Extending At Least 2 Years.

Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Parameter Code	Name	Total Obs	01/01/85 to 01/07/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	736	236	237	263	8	0
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	13	0	0	13	1	0
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	971	220	349	402	12	0
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	211	14	124	73	2	0
00023	SAMPLE WEIGHT IN POUNDS	42	0	17	25	1	0
00024	SAMPLE LENGTH IN INCHES	43	1	17	25	2	0
00025	BAROMETRIC PRESSURE (MM OF HG)	83	73	10	0	1	0
00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	135	75	59	1	3	0
00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	207	75	131	1	3	0
00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	1	1	0	0	1	0
00032	CLOUD COVER (PERCENT)	7	0	7	0	1	0
00037	WIND FORCE (BEAUFORT UNITS)	6	0	6	0	1	0
00060	FLOW, STREAM, MEAN DAILY CFS	384	0	6	378	2	0
00061	FLOW, STREAM, INSTANTANEOUS CFS	326	163	155	8	4	0
00065	STAGE, STREAM (FEET)	17	13	4	0	1	0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	567	1	121	445	8	0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	147	74	73	0	3	0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	94	65	29	0	2	0
00078	TRANSPARENCY, SECCHI DISC (METERS)	111	74	14	23	7	0
00080	COLOR (PLATINUM-COBALT UNITS)	276	0	55	221	3	0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	287	139	126	22	4	0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	629	98	259	272	11	0
00300	OXYGEN, DISSOLVED MG/L	841	214	317	310	12	0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	338	2	185	151	9	0
00310	BOD, 5 DAY, 20 DEG C MG/L	432	120	166	146	8	0
00335	COD, .025N K2CR2O7 MG/L	7	0	0	7	2	0
00400	PH (STANDARD UNITS)	942	210	296	436	12	0
00403	PH, LAB, STANDARD UNITS SU	258	96	102	60	5	0
00405	CARBON DIOXIDE (MG/L AS CO2)	50	0	42	8	4	0
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	606	134	121	351	8	0
00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	1	1	0	0	1	0
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	1	1	0	0	1	0
00440	BICARBONATE ION (MG/L AS HCO3)	60	3	44	13	4	0
00445	CARBONATE ION (MG/L AS CO3)	52	3	42	7	3	0
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	7	7	0	0	1	0
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	7	7	0	0	1	0
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	54	54	0	0	1	0
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	57	57	0	0	1	0
00480	SALINITY - PARTS PER THOUSAND	2	2	0	0	2	0
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	13	13	0	0	3	0
00500	RESIDUE, TOTAL (MG/L)	5	0	0	5	1	0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	165	0	0	165	1	0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	375	118	119	138	5	0
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	251	117	119	15	4	0
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	34	0	34	0	2	0
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	3	3	0	0	2	0
00561	OIL & GREASE, SED, DRY WT,FREON EXTR-IR METH,MG/KG	13	13	0	0	3	0
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	3	0	3	0	1	0
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	3	0	3	0	1	0
00593	NO2 & NO3-N,TOTAL,WHATMAN GF/F FILTERED MG/L	2	2	0	0	1	0
00600	NITROGEN, TOTAL (MG/L AS N)	120	0	115	5	4	0
00602	NITROGEN, DISSOLVED (MG/L AS N)	13	0	13	0	1	0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	77	0	72	5	5	0
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	13	0	13	0	1	0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	101	73	28	0	1	0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	334	159	141	34	8	0
00612	AMMONIA, UNIONZED (MG/L AS N)	1	1	0	0	1	0
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	70	70	0	0	1	0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	127	46	62	19	8	0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	213	60	119	34	8	0
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	39	12	27	0	1	0
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	15	0	15	0	1	0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	277	96	139	42	8	0
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	13	13	0	0	3	0
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	2	2	0	0	1	0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	188	18	123	47	7	0
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	101	73	28	0	1	0
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	40	0	0	40	1	0
00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	13	0	0	13	1	0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	102	7	71	24	6	0
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	108	0	0	108	1	0

Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Parameter Code	Name	Total Obs	01/01/85 to 01/07/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	96	8	67	21	5	0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	526	189	206	131	9	0
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	143	73	42	28	2	0
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	16	16	0	0	3	0
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	239	138	80	21	6	0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	323	115	163	45	8	0
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	50	12	9	29	2	0
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	21	12	9	0	1	0
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	7	6	1	0	2	0
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	2	1	1	0	2	0
00747	SULFIDE IN BOTTOM DEPOSITS MG/KG	16	16	0	0	3	0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	405	16	59	330	7	0
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	72	0	59	13	3	0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	163	84	66	13	4	0
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	163	84	66	13	4	0
00930	SODIUM, DISSOLVED (MG/L AS NA)	196	74	66	56	3	0
00931	SODIUM ADSORPTION RATIO	68	1	59	8	2	0
00932	SODIUM, PERCENT	68	1	59	8	2	0
00933	SODIUM,PLUS POTASSIUM (MG/L)	11	0	6	5	3	0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	161	74	66	21	3	0
00940	CHLORIDE,TOTAL IN WATER MG/L	805	192	187	426	8	0
00941	CHLORIDE, DISSOLVED IN WATER MG/L	69	0	42	27	2	0
00945	SULFATE, TOTAL (MG/L AS SO4)	696	193	187	316	8	0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	218	74	66	78	5	0
00955	SILICA, DISSOLVED (MG/L AS SI02)	162	74	66	22	3	0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	105	60	31	14	8	0
01001	ARSENIC, SUSPENDED (UG/L AS AS)	14	0	14	0	1	0
01002	ARSENIC, TOTAL (UG/L AS AS)	25	1	23	1	4	0
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	23	22	1	0	4	0
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	21	7	14	0	4	0
01005	BARIUM, DISSOLVED (UG/L AS BA)	102	66	26	10	7	0
01006	BARIUM, SUSPENDED (UG/L AS BA)	14	0	14	0	1	0
01007	BARIUM, TOTAL (UG/L AS BA)	18	0	16	2	3	0
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	16	16	0	0	3	0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	58	40	9	9	3	0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	1	0	1	0	1	0
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	2	1	1	0	2	0
01020	BORON, DISSOLVED (UG/L AS B)	33	13	5	15	6	0
01022	BORON, TOTAL (UG/L AS B)	4	0	0	4	4	0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	106	60	31	15	8	0
01026	CADMIUM, SUSPENDED (UG/L AS CD)	6	0	6	0	1	0
01027	CADMIUM, TOTAL (UG/L AS CD)	25	1	23	1	4	0
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	23	22	1	0	4	0
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	23	22	1	0	4	0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	103	60	31	12	8	0
01031	CHROMIUM, SUSPEND (UG/L AS CR)	14	0	14	0	1	0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	2	0	0	2	2	0
01034	CHROMIUM, TOTAL (UG/L AS CR)	25	1	23	1	4	0
01035	COBALT, DISSOLVED (UG/L AS CO)	102	57	31	14	3	0
01036	COBALT, SUSPENDED (UG/L AS CO)	6	0	6	0	1	0
01037	COBALT, TOTAL (UG/L AS CO)	23	0	22	1	2	0
01040	COPPER, DISSOLVED (UG/L AS CU)	106	60	31	15	8	0
01041	COPPER, SUSPENDED (UG/L AS CU)	15	0	15	0	1	0
01042	COPPER, TOTAL (UG/L AS CU)	27	1	23	3	6	0
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	23	22	1	0	4	0
01044	IRON, SUSPENDED (UG/L AS FE)	7	0	7	0	1	0
01045	IRON, TOTAL (UG/L AS FE)	36	0	22	14	3	0
01046	IRON, DISSOLVED (UG/L AS FE)	97	64	31	2	5	0
01049	LEAD, DISSOLVED (UG/L AS PB)	106	60	31	15	8	0
01050	LEAD, SUSPENDED (UG/L AS PB)	14	0	14	0	1	0
01051	LEAD, TOTAL (UG/L AS PB)	25	1	23	1	4	0
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	23	22	1	0	4	0
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	21	21	0	0	3	0
01054	MANGANESE, SUSPENDED (UG/L AS MN)	11	0	11	0	1	0
01055	MANGANESE, TOTAL (UG/L AS MN)	38	0	22	16	5	0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	97	64	31	2	5	0
01057	THALLIUM, DISSOLVED (UG/L AS TL)	1	1	0	0	1	0
01059	THALLIUM, TOTAL (UG/L AS TL)	1	0	1	0	1	0
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	87	66	9	12	7	0
01065	NICKEL, DISSOLVED (UG/L AS NI)	118	78	25	15	8	0
01066	NICKEL, SUSPENDED (UG/L AS NI)	10	0	10	0	1	0

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Parameter Code	Name	Total Obs	01/01/85 to 01/07/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
01067	NICKEL, TOTAL (UG/L AS NI)	15	1	12	2	5	0
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	23	22	1	0	4	0
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	1	1	0	0	1	0
01070	PHOSPHORUS, TOTAL, SPECTROGRAPH METH (UG/L AS P)	9	0	0	9	1	0
01073	THALLIUM,TISSUE,WET WEIGHT,MG/KG	1	1	0	0	1	0
01075	SILVER, DISSOLVED (UG/L AS AG)	115	77	26	12	7	0
01076	SILVER, SUSPENDED (UG/L AS AG)	11	0	11	0	1	0
01077	SILVER, TOTAL (UG/L AS AG)	21	1	18	2	5	0
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	23	22	1	0	4	0
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	83	57	14	12	3	0
01085	VANADIUM, DISSOLVED (UG/L AS V)	80	59	9	12	4	0
01090	ZINC, DISSOLVED (UG/L AS ZN)	106	60	31	15	8	0
01091	ZINC, SUSPENDED (UG/L ZN)	10	0	10	0	1	0
01092	ZINC, TOTAL (UG/L AS ZN)	27	1	23	3	6	0
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	23	22	1	0	4	0
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	12	12	0	0	2	0
01097	ANTIMONY, TOTAL (UG/L AS SB)	1	0	1	0	1	0
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	1	0	1	0	1	0
01105	ALUMINUM, TOTAL (UG/L AS AL)	8	0	0	8	1	0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	90	74	14	2	5	0
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	9	9	0	0	1	0
01130	LITHIUM, DISSOLVED (UG/L AS LI)	73	57	14	2	2	0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	111	78	31	2	7	0
01146	SELENIUM, SUSPENDED (UG/L AS SE)	11	0	11	0	1	0
01147	SELENIUM, TOTAL (UG/L AS SE)	27	2	23	2	6	0
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	23	22	1	0	4	0
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	21	7	14	0	4	0
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	1	1	0	0	1	0
01305	DETERGENT SUDS (SEVERITY)	3	3	0	0	1	0
01320	GARBAGE, FLOATING (SEVERITY)	2	2	0	0	1	0
01325	ALGAE, FLOATING MATS (SEVERITY)	1	1	0	0	1	0
01330	ODOR, ATMOSPHERIC (SEVERITY)	4	4	0	0	1	0
01345	DEBRIS, FLOATING (SEVERITY)	2	2	0	0	1	0
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	122	112	10	0	3	0
01501	ALPHA, TOTAL	62	0	0	62	1	0
01502	ALPHA, TOTAL, COUNTING ERROR	37	0	0	37	1	0
01503	ALPHA, DISSOLVED	62	0	0	62	1	0
01504	ALPHA, DISSOLVED, COUNTING ERROR	37	0	0	37	1	0
01505	ALPHA, SUSPENDED	62	0	0	62	1	0
01506	ALPHA, SUSPENDED, COUNTING ERROR	37	0	0	37	1	0
03501	BETA, TOTAL	121	0	0	121	1	0
03502	BETA, TOTAL, COUNTING ERROR	73	0	0	73	1	0
03503	BETA, DISSOLVED	121	0	0	121	1	0
03504	BETA, DISSOLVED, COUNTING ERROR	73	0	0	73	1	0
03505	BETA, SUSPENDED	121	0	0	121	1	0
03506	BETA, SUSPENDED, COUNTING ERROR	73	0	0	73	1	0
04024	PROPACHLOR,DISSOLVED,WATER,TOTAL RECOVERABLE UG/L	11	11	0	0	1	0
04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	11	11	0	0	1	0
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	11	11	0	0	1	0
04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	11	11	0	0	1	0
04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	11	11	0	0	1	0
04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	11	11	0	0	1	0
04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	11	11	0	0	1	0
09510	RADIUM 226, DISSOLVED, PLANCHET COUNT	2	2	0	0	2	0
13501	STRONTIUM 90, TOTAL	14	0	0	14	1	0
13502	STRONTIUM 90, TOTAL, COUNTING ERROR	1	0	0	1	1	0
22703	URANIUM, NATURAL, DISSOLVED	13	13	0	0	3	0
29801	ALKALINITY,WATR,DISS.,FIX END PT,LAB,AS CACO3,MG/L	11	11	0	0	1	0
30191	DINOSEB, WATER, WHOLE, RECOVERABLE UG/L	1	1	0	0	1	0
30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE, UG/L	19	19	0	0	3	0
30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE, UG/L	19	19	0	0	3	0
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	51	0	44	7	4	0
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	461	0	0	461	1	0
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	7	0	2	5	2	0
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	239	124	106	9	5	0
31619	FECAL COLIFORM,MPN,BORIC ACID LACTOSE BR,43C,48HR	5	0	0	5	1	0
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	165	58	107	0	3	0
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	110	59	51	0	3	0
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	20	0	13	7	2	0
32001	SAMPLE SIZE (GALLONS)	42	0	0	42	1	0
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	41	0	0	41	1	0

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Parameter Code	Name	Total Obs	01/01/85 to 01/07/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
32004	CARBON ALCOHOL EXTRACTABLES	41	0	0	41	1	0
32005	CARBON CHLOROFORM EXTRACTABLES	41	0	0	41	1	0
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	14	0	0	14	1	0
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	14	0	0	14	1	0
32023	ACIDS, STRONG	14	0	0	14	1	0
32024	ACIDS, WEAK	14	0	0	14	1	0
32025	BASES	14	0	0	14	1	0
32026	NEUTRALS, TOTAL	14	0	0	14	1	0
32027	ALIPHATICS FRACTION OF NEUTRALS	14	0	0	14	1	0
32028	AROMATICS FRACTION OF NEUTRALS	14	0	0	14	1	0
32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	14	0	0	14	1	0
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	21	20	1	0	4	0
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	21	20	1	0	4	0
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	2	1	1	0	2	0
32104	BROMOFORM,WHOLE WATER,UG/L	21	20	1	0	4	0
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	2	1	1	0	2	0
32106	CHLOROFORM,WHOLE WATER,UG/L	21	20	1	0	4	0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	135	64	55	16	3	0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	106	63	43	0	3	0
32230	CHLOROPHYLL A (MG/L)	2	0	1	1	1	0
32231	CHLOROPHYLL B (MG/L)	2	0	1	1	1	0
32232	CHLOROPHYLL C (MG/L)	2	0	1	1	1	0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	16	0	5	11	3	0
32731	PHENOLICS IN BOTTOM DEPOSITS (MG/KG DRY WGT)	1	0	1	0	1	0
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	21	20	1	0	4	0
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	21	20	1	0	4	0
34200	ACENAPHTHYLENE TOTWUG/L	20	19	1	0	4	0
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	22	21	1	0	4	0
34204	ACENAPHTHYLENE WET WGTTISMG/KG	4	4	0	0	3	0
34205	ACENAPHTHENE TOTWUG/L	19	18	1	0	4	0
34208	ACENAPHTHENE DRY WGTBOTUG/KG	22	21	1	0	4	0
34209	ACENAPHTHENE WET WGTTISMG/KG	4	4	0	0	3	0
34210	ACROLEIN TOTWUG/L	1	0	1	0	1	0
34213	ACROLEIN DRY WGTBOTUG/KG	1	0	1	0	1	0
34215	ACRYLONITRILE TOTWUG/L	18	17	1	0	4	0
34218	ACRYLONITRILE DRY WGTBOTUG/KG	15	14	1	0	4	0
34219	ACRYLONITRILE WET WGTTISMG/KG	2	2	0	0	1	0
34220	ANTHRACENE TOTWUG/L	19	18	1	0	4	0
34223	ANTHRACENE DRY WGTBOTUG/KG	19	19	0	0	3	0
34224	ANTHRACENE WET WGTTISMG/KG	3	3	0	0	3	0
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	20	19	1	0	4	0
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	22	21	1	0	4	0
34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	4	4	0	0	3	0
34237	BENZENE DRY WGTBOTUG/KG	19	18	1	0	4	0
34238	BENZENE WET WGTTISMG/KG	4	4	0	0	3	0
34241	BENZIDINE WET WGTTISMG/KG	1	1	0	0	1	0
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	20	19	1	0	4	0
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	22	21	1	0	4	0
34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	4	4	0	0	3	0
34247	BENZO-A-PYRENE TOTWUG/L	20	19	1	0	4	0
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	22	21	1	0	4	0
34251	BENZO-A-PYRENE WET WGTTISMG/KG	4	4	0	0	3	0
34252	BERYLLIUM WET WGTTISMG/KG	1	1	0	0	1	0
34253	A-BHC-ALPHA DISSUG/L	11	11	0	0	1	0
34257	B-BHC-BETA DRY WGTBOTUG/KG	2	1	1	0	2	0
34258	B-BHC-BETA WET WGTTISMG/KG	4	4	0	0	3	0
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	17	16	1	0	4	0
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	2	1	1	0	2	0
34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	4	4	0	0	3	0
34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	4	3	1	0	2	0
34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	2	1	1	0	2	0
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	20	19	1	0	4	0
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	22	21	1	0	4	0
34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	4	4	0	0	3	0
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	20	19	1	0	4	0
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	22	21	1	0	4	0
34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	4	4	0	0	3	0
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	20	19	1	0	4	0
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	22	21	1	0	4	0
34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	4	4	0	0	3	0
34290	BROMOFORM DRY WGTBOTUG/KG	19	18	1	0	4	0

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34291	BROMOFORM WET WGTTISMG/KG	4	4	0	0	3	0
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	20	19	1	0	4	0
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	22	21	1	0	4	0
34296	N-BUTYL BENZYL PHTHALATE,TISSUE,WET WGT,MG/KG	4	4	0	0	3	0
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	19	18	1	0	4	0
34300	CARBON TETRACHLORIDE WET WGTTISMG/KG	4	4	0	0	3	0
34301	CHLOROBENZENE TOTWUG/L	21	20	1	0	4	0
34304	CHLOROBENZENE DRY WGTBOTUG/KG	19	18	1	0	4	0
34305	CHLOROBENZENE WET WGTTISMG/KG	4	4	0	0	3	0
34306	CHLORODIBROMOMETHANE TOTWUG/L	19	19	0	0	3	0
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	19	18	1	0	4	0
34310	CHLORODIBROMOMETHANE WET WGTTISMG/KG	4	4	0	0	3	0
34311	CHLOROETHANE TOTWUG/L	21	20	1	0	4	0
34314	CHLOROETHANE DRY WGTBOTUG/KG	19	18	1	0	4	0
34315	CHLOROETHANE WET WGTTISMG/KG	4	4	0	0	3	0
34318	CHLOROFORM DRY WGTBOTUG/KG	19	18	1	0	4	0
34319	CHLOROFORM WET WGTTISMG/KG	4	4	0	0	3	0
34320	CHRYSENE TOTWUG/L	20	19	1	0	4	0
34323	CHRYSENE DRY WGTBOTUG/KG	22	21	1	0	4	0
34324	CHRYSENE WET WGTTISMG/KG	4	4	0	0	3	0
34326	CYANIDE WET WGTTISMG/KG	1	1	0	0	1	0
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	19	18	1	0	4	0
34331	DICHLOROBROMOMETHANE WET WGTTISMG/KG	4	4	0	0	3	0
34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	2	1	1	0	2	0
34335	DICHLORODIFLUOROMETHANE WET WGTTISMG/KG	1	1	0	0	1	0
34336	DIETHYL PHTHALATE TOTWUG/L	20	19	1	0	4	0
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	22	21	1	0	4	0
34340	DIETHYL PHTHALATE WET WGTTISMG/KG	4	4	0	0	3	0
34341	DIMETHYL PHTHALATE TOTWUG/L	20	19	1	0	4	0
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	22	21	1	0	4	0
34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	4	4	0	0	3	0
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	17	16	1	0	4	0
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	18	17	1	0	4	0
34350	1,2-DIPHENYLHYDRAZINE WET WGTTISMG/KG	2	2	0	0	1	0
34351	ENDOSULFAN SULFATE TOTWUG/L	17	16	1	0	4	0
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	20	20	0	0	3	0
34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	4	4	0	0	3	0
34356	ENDOSULFAN, BETA TOTWUG/L	2	1	1	0	2	0
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	1	1	0	0	1	0
34360	ENDOSULFAN, BETA WET WGTTISMG/KG	1	1	0	0	1	0
34361	ENDOSULFAN, ALPHA TOTWUG/L	2	1	1	0	2	0
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	1	1	0	0	1	0
34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	1	1	0	0	1	0
34366	ENDRIN ALDEHYDE TOTWUG/L	2	1	1	0	2	0
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	2	1	1	0	2	0
34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	1	1	0	0	1	0
34371	ETHYLBENZENE TOTWUG/L	21	20	1	0	4	0
34374	ETHYLBENZENE DRY WGTBOTUG/KG	19	18	1	0	4	0
34375	ETHYLBENZENE WET WGTTISMG/KG	4	4	0	0	3	0
34376	FLUORANTHENE TOTWUG/L	20	19	1	0	4	0
34379	FLUORANTHENE DRY WGTBOTUG/KG	22	21	1	0	4	0
34380	FLUORANTHENE WET WGTTISMG/KG	4	4	0	0	3	0
34381	FLUORENE TOTWUG/L	20	19	1	0	4	0
34384	FLUORENE DRY WGTBOTUG/KG	22	21	1	0	4	0
34385	FLUORENE WET WGTTISMG/KG	4	4	0	0	3	0
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	20	19	1	0	4	0
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	22	21	1	0	4	0
34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	4	4	0	0	3	0
34391	HEXACHLOROBUTADIENE TOTWUG/L	19	19	0	0	3	0
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	4	4	0	0	3	0
34396	HEXACHLOROETHANE TOTWUG/L	20	19	1	0	4	0
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	22	21	1	0	4	0
34400	HEXACHLOROETHANE WET WGTTISMG/KG	4	4	0	0	3	0
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	20	19	1	0	4	0
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	22	21	1	0	4	0
34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	4	4	0	0	3	0
34408	ISOPHORONE TOTWUG/L	19	19	0	0	3	0
34411	ISOPHORONE DRY WGTBOTUG/KG	22	21	1	0	4	0
34412	ISOPHORONE WET WGTTISMG/KG	4	4	0	0	3	0
34413	METHYL BROMIDE TOTWUG/L	2	1	1	0	2	0
34416	METHYL BROMIDE DRY WGTBOTUG/KG	2	1	1	0	2	0

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34417	METHYL BROMIDE WET WGTTISMG/KG	1	1	0	0	1	0
34418	METHYL CHLORIDE TOTWUG/L	2	1	1	0	2	0
34421	METHYL CHLORIDE DRY WGTBOTUG/KG	2	1	1	0	2	0
34422	METHYL CHLORIDE WET WGTTISMG/KG	1	1	0	0	1	0
34423	METHYLENE CHLORIDE TOTWUG/L	21	20	1	0	4	0
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	19	18	1	0	4	0
34427	METHYLENE CHLORIDE WET WGTTISMG/KG	4	4	0	0	3	0
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	20	19	1	0	4	0
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	22	21	1	0	4	0
34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISMG/KG	4	4	0	0	3	0
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	20	19	1	0	4	0
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	22	21	1	0	4	0
34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	4	4	0	0	3	0
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	20	19	1	0	4	0
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	21	20	1	0	4	0
34442	N-NITROSODIMETHYLAMINE WET WGTTISMG/KG	2	2	0	0	1	0
34445	NAPHTHALENE DRY WGTBOTUG/KG	22	21	1	0	4	0
34446	NAPHTHALENE WET WGTTISMG/KG	4	4	0	0	3	0
34447	NITROBENZENE TOTWUG/L	20	19	1	0	4	0
34450	NITROBENZENE DRY WGTBOTUG/KG	22	21	1	0	4	0
34451	NITROBENZENE WET WGTTISMG/KG	4	4	0	0	3	0
34452	PARACHLOROMETA CRESOL TOTWUG/L	13	12	1	0	4	0
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	14	13	1	0	4	0
34456	PARACHLOROMETA CRESOL WET WGTTISMG/KG	4	4	0	0	3	0
34461	PHENANTHRENE TOTWUG/L	19	18	1	0	4	0
34464	PHENANTHRENE DRY WGTBOTUG/KG	19	19	0	0	3	0
34465	PHENANTHRENE WET WGTTISMG/KG	3	3	0	0	3	0
34468	PHENOL WET WGTTISMG/KG	4	4	0	0	3	0
34469	PYRENE TOTWUG/L	20	19	1	0	4	0
34472	PYRENE DRY WGTBOTUG/KG	22	21	1	0	4	0
34473	PYRENE WET WGTTISMG/KG	4	4	0	0	3	0
34474	SILVER WET WGTTISMG/KG	1	1	0	0	1	0
34475	TETRACHLOROETHYLENE TOTWUG/L	21	20	1	0	4	0
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	19	18	1	0	4	0
34479	TETRACHLOROETHYLENE WET WGTTISMG/KG	4	4	0	0	3	0
34480	THALLIUM DRY WGTBOTMG/KG	2	1	1	0	2	0
34483	TOLUENE DRY WGTBOTUG/KG	19	18	1	0	4	0
34484	TOLUENE WET WGTTISMG/KG	4	4	0	0	3	0
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	19	18	1	0	4	0
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	2	1	1	0	2	0
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	2	1	1	0	2	0
34492	TRICHLOROFLUOROMETHANE WET WGTTISMG/KG	1	1	0	0	1	0
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	19	18	1	0	4	0
34496	1,1-DICHLOROETHANE TOTWUG/L	21	20	1	0	4	0
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	19	18	1	0	4	0
34500	1,1-DICHLOROETHANE WET WGTTISMG/KG	4	4	0	0	3	0
34501	1,1-DICHLOROETHYLENE TOTWUG/L	19	18	1	0	4	0
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	19	18	1	0	4	0
34505	1,1-DICHLOROETHYLENE WET WGTTISMG/KG	4	4	0	0	3	0
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	21	20	1	0	4	0
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	19	18	1	0	4	0
34510	1,1,1-TRICHLOROETHANE WET WGTTISMG/KG	4	4	0	0	3	0
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	20	19	1	0	4	0
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	18	17	1	0	4	0
34515	1,1,2-TRICHLOROETHANE WET WGTTISMG/KG	4	4	0	0	3	0
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	21	20	1	0	4	0
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	19	18	1	0	4	0
34520	1,1,2,2-TETRACHLOROETHANE WET WGTTISMG/KG	4	4	0	0	3	0
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	20	19	1	0	4	0
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	22	21	1	0	4	0
34525	BENZO(GHI)PERYLENE1,12-BENZOPERYLENWET WGTTISMG/KG	4	4	0	0	3	0
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	20	19	1	0	4	0
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	22	21	1	0	4	0
34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	4	4	0	0	3	0
34531	1,2-DICHLOROETHANE TOTWUG/L	19	19	0	0	3	0
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	19	18	1	0	4	0
34535	1,2-DICHLOROETHANE WET WGTTISMG/KG	4	4	0	0	3	0
34536	1,2-DICHLOROBENZENE TOTWUG/L	20	19	1	0	4	0
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	22	21	1	0	4	0
34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	4	4	0	0	3	0
34541	1,2-DICHLOROPROPANE TOTWUG/L	21	20	1	0	4	0

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Parameter Code	Name	Total Obs	01/01/85 to 01/07/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	18	17	1	0	4	0
34545	1,2-DICHLOROPROPANE WET WGTTISMG/KG	4	4	0	0	3	0
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	20	19	1	0	4	0
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	17	16	1	0	4	0
34550	TRANS-1,2-DICHLOROETHENE, IN TISSUE, WET WT. MG/KG	4	4	0	0	3	0
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	19	18	1	0	4	0
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	21	20	1	0	4	0
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	4	4	0	0	3	0
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	20	19	1	0	4	0
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	22	21	1	0	4	0
34560	1,2,5,6-DIBENZANTHRACENE WET WGTTISMG/KG	4	4	0	0	3	0
34566	1,3-DICHLOROBENZENE TOTWUG/L	20	19	1	0	4	0
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	22	21	1	0	4	0
34570	1,3-DICHLOROBENZENE WET WGTTISMG/KG	4	4	0	0	3	0
34571	1,4-DICHLOROBENZENE TOTWUG/L	21	20	1	0	4	0
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	22	21	1	0	4	0
34575	1,4-DICHLOROBENZENE WET WGTTISMG/KG	4	4	0	0	3	0
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	17	16	1	0	4	0
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	14	13	1	0	4	0
34580	2-CHLOROETHYL VINYL ETHER WET WGTTISMG/KG	3	3	0	0	3	0
34581	2-CHLORONAPHTHALENE TOTWUG/L	19	18	1	0	4	0
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	22	21	1	0	4	0
34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	4	4	0	0	3	0
34586	2-CHLOROPHENOL TOTWUG/L	20	19	1	0	4	0
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	22	21	1	0	4	0
34590	2-CHLOROPHENOL WET WGTTISMG/KG	4	4	0	0	3	0
34591	2-NITROPHENOL TOTWUG/L	20	19	1	0	4	0
34594	2-NITROPHENOL DRY WGTBOTUG/KG	22	21	1	0	4	0
34595	2-NITROPHENOL WET WGTTISMG/KG	4	4	0	0	3	0
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	20	19	1	0	4	0
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	22	21	1	0	4	0
34600	DI-N-OCTYL PHTHALATE WET WGTTISMG/KG	4	4	0	0	3	0
34601	2,4-DICHLOROPHENOL TOTWUG/L	20	19	1	0	4	0
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	22	21	1	0	4	0
34605	2,4-DICHLOROPHENOL WET WGTTISMG/KG	4	4	0	0	3	0
34606	2,4-DIMETHYLPHENOL TOTWUG/L	19	18	1	0	4	0
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	22	21	1	0	4	0
34610	2,4-DIMETHYLPHENOL WET WGTTISMG/KG	4	4	0	0	3	0
34611	2,4-DINITROTOLUENE TOTWUG/L	19	18	1	0	4	0
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	22	21	1	0	4	0
34615	2,4-DINITROTOLUENE WET WGTTISMG/KG	4	4	0	0	3	0
34616	2,4-DINITROPHENOL TOTWUG/L	20	19	1	0	4	0
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	22	21	1	0	4	0
34620	2,4-DINITROPHENOL WET WGTTISMG/KG	3	3	0	0	2	0
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	20	19	1	0	4	0
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	22	21	1	0	4	0
34625	2,4,6-TRICHLOROPHENOL WET WGTTISMG/KG	4	4	0	0	3	0
34626	2,6-DINITROTOLUENE TOTWUG/L	20	19	1	0	4	0
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	22	21	1	0	4	0
34630	2,6-DINITROTOLUENE WET WGTTISMG/KG	4	4	0	0	3	0
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	18	17	1	0	4	0
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	20	19	1	0	4	0
34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	3	3	0	0	3	0
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	20	19	1	0	4	0
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	22	21	1	0	4	0
34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	4	4	0	0	3	0
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	20	19	1	0	4	0
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	22	21	1	0	4	0
34645	4-CHLOROPHENYL PHENYL ETHER WET WGTTISMG/KG	4	4	0	0	3	0
34646	4-NITROPHENOL TOTWUG/L	20	19	1	0	4	0
34649	4-NITROPHENOL DRY WGTBOTUG/KG	22	21	1	0	4	0
34650	4-NITROPHENOL WET WGTTISMG/KG	4	4	0	0	3	0
34653	P,P'-DDE DISSUG/L	11	11	0	0	1	0
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	20	19	1	0	4	0
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	22	21	1	0	4	0
34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGTTISMG/KG	4	4	0	0	3	0
34664	PCB - 1221 WET WGTTISMG/KG	4	4	0	0	3	0
34667	PCB - 1232 WET WGTTISMG/KG	4	4	0	0	3	0
34668	DICHLORODIFUOROMETHANE TOTWUG/L	2	1	1	0	2	0
34669	PCB - 1248 WET WGTTISMG/KG	4	4	0	0	3	0
34670	PCB - 1260 WET WGTTISMG/KG	4	4	0	0	3	0

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Parameter Code	Name	Total Obs	01/01/85 to 01/07/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
34671	PCB - 1016 TOTWUG/L	14	13	1	0	4	0
34674	PCB - 1016 WET WGTTISMG/KG	4	4	0	0	3	0
34678	2,3,7,8-TETRACHLORODIBENZO-P-DIOXINDRY WGTBOTUG/KG	1	0	1	0	1	0
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	7	7	0	0	4	0
34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	4	4	0	0	3	0
34683	DI-N-BUTYL PHTHALATE,TISSUE,WET WGTWET WGT	4	4	0	0	3	0
34684	DIELDRIN TISMG/KG	45	3	17	25	1	0
34685	ENDRIN WET WGTTISMG/KG	46	7	17	22	4	0
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	7	7	0	0	4	0
34687	HEPTACHLOR WET WGTTISMG/KG	49	7	17	25	4	0
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	22	5	17	0	2	0
34689	PCB - 1242 WET WGTTISMG/KG	4	4	0	0	3	0
34690	PCB - 1254 WET WGTTISMG/KG	4	4	0	0	3	0
34691	TOXAPHENE WET WGTTISMG/KG	42	7	17	18	4	0
34692	TRICHLOROETHYLENE WET WGTTISMG/KG	4	4	0	0	3	0
34693	VINYL CHLORIDE WET WGTTISMG/KG	4	4	0	0	3	0
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	20	19	1	0	4	0
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	22	21	1	0	4	0
34696	NAPHTHALENE TOTWUG/L	20	19	1	0	4	0
34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	18	17	1	0	4	0
34698	TRANS-1,3-DICHLOROPROPENEFISH TISSUE WET WGT MG/KG	4	4	0	0	3	0
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	21	20	1	0	4	0
34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	18	17	1	0	4	0
34703	CIS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	4	4	0	0	3	0
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	21	20	1	0	4	0
34802	ARSENIC,SED,BOT,DRY SIEVE,	2	2	0	0	2	0
34807	BARIUM,SED,BOT,	2	2	0	0	2	0
34812	BERYLLIUM,SED,BOT,DRY SIEVE,	2	2	0	0	2	0
34817	BISMUTH,SED,BOT,DRY SIEVE,	2	2	0	0	2	0
34827	CADMIUM,SED,BOT,	2	2	0	0	2	0
34842	CHROMIUM,SED,BOT,	2	2	0	0	2	0
34847	COBALT,SED,BOT,	2	2	0	0	2	0
34852	COPPER,SED,BOT,	2	2	0	0	2	0
34857	EUROPIUM,SED,BOT,	2	2	0	0	2	0
34862	GALLIUM,SED,BOT,	2	2	0	0	2	0
34872	GOLD,SED,BOT,	2	2	0	0	2	0
34877	HOLMIUM,SED,BOT,	2	2	0	0	2	0
34887	LANTHANUM,SED,BOT,	2	2	0	0	2	0
34892	LEAD,SED,BOT,	2	2	0	0	2	0
34897	LITHIUM,SED,BOT,	2	2	0	0	2	0
34907	MANGANESE,SED,BOT,	2	2	0	0	2	0
34917	MOLYBDENUM,SED,BOT,	2	2	0	0	2	0
34922	NEODYMIUM,SED,BOT,	2	2	0	0	2	0
34927	NICKEL,SED,BOT,	2	2	0	0	2	0
34947	SCANDIUM,SED,BOT,	2	2	0	0	2	0
34952	SELENIUM,SED,BOT,	2	2	0	0	2	0
34957	SILVER,SED,BOT,	2	2	0	0	2	0
34967	STRONTIUM,SED,BOT,	2	2	0	0	2	0
34977	TANTALUM,SED,BOT,	2	2	0	0	2	0
34982	THORIUM,SED,BOT,	2	2	0	0	2	0
34987	TIN,SED,BOT,	2	2	0	0	2	0
34992	TITANIUM,SED,BOT,	2	2	0	0	2	0
35002	URANIUM,SED,BOT,	2	2	0	0	2	0
35007	VANADIUM,SED,BOT,	2	2	0	0	2	0
35012	YTTRIUM,SED,BOT,	2	2	0	0	2	0
35017	YTTERBIUM,SED,BOT,	2	2	0	0	2	0
35022	ZINC,SED,BOT,	2	2	0	0	2	0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	52	0	0	52	1	0
38437	DIBROMOCHLOROPROPANE WATER, TOTUG/L	1	1	0	0	1	0
38440	DIBROMOCHLOROPROPANE SEDDRYWGTUG/KG	1	1	0	0	1	0
38441	DIBROMOCHLOROPROPANE TISWETWGTMG/KG	1	1	0	0	1	0
38444	DICAMBA (BANVEL) SEDDRYWGTUG/KG	1	1	0	0	1	0
38578	PROPAZINE, TOTAL, WATER UG/L	2	2	0	0	2	0
38781	DINOSEB SEDDRYWGTUG/KG	1	1	0	0	1	0
38923	METOLACHLOR (DUAL) IN BOTTOM SEDIMENT DRYWT UG/KG	1	1	0	0	1	0
38930	PICLORAM,RECOVERABLE FROM BOT MAT,DRYWGT,UG/KG	1	1	0	0	1	0
38933	CHLORPYRIFOS,DISSOLVED UG/L	11	11	0	0	1	0
39025	SIMAZINE,COULSON CONDUCTIVITY,WATER SAMPLE(UG/L)	5	0	5	0	1	0
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	20	19	1	0	4	0
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	4	2	2	0	3	0
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	42	42	0	0	1	0

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Parameter Code	Name	Total Obs	01/01/85 to 01/07/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39046	SIMAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	2	1	1	0	2	0
39051	METHOMYL IN WHOLE WATER (UG/L)	1	1	0	0	1	0
39054	SIMETRYNE IN WHOLE WATER (UG/L)	2	2	0	0	2	0
39055	SIMAZINE IN WHOLE WATER (UG/L)	3	3	0	0	3	0
39056	PROMETONE IN WHOLE WATER (UG/L)	2	2	0	0	2	0
39057	PROMETRYNE IN WHOLE WATER (UG/L)	2	2	0	0	2	0
39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	4	4	0	0	3	0
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	22	21	1	0	4	0
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	20	3	17	0	1	0
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	20	3	17	0	1	0
39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	20	3	17	0	1	0
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	20	3	17	0	1	0
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	31	7	17	7	4	0
39075	BHC- GAMMA ISOMER, TISSUE WET WGT (UG/G)	4	4	0	0	3	0
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	19	18	1	0	4	0
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	48	48	0	0	1	0
39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	4	4	0	0	3	0
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	20	19	1	0	4	0
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	22	21	1	0	4	0
39105	PERCENT FAT HEXANE EXTRACTION	47	5	17	25	2	0
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	20	19	1	0	4	0
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	22	21	1	0	4	0
39118	PENTACHLOROBENZENE IN SEDIMENT UG/KG	11	11	0	0	3	0
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	18	17	1	0	4	0
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	19	18	1	0	4	0
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	21	20	1	0	4	0
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	21	20	1	0	4	0
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	4	2	2	0	3	0
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	3	2	1	0	3	0
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	45	3	17	25	1	0
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1	0
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	2	1	1	0	2	0
39302	P P DDT IN TISSUE WET WGT (UG/G)	1	1	0	0	1	0
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1	0
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	5	3	2	0	5	0
39312	P P DDD IN TISSUE WET WGT (UG/G)	1	1	0	0	1	0
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1	0
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	6	3	3	0	5	0
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	1	1	0	0	1	0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	50	21	15	14	9	0
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	29	22	7	0	7	0
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	17	16	1	0	4	0
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	17	16	1	0	4	0
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	30	2	14	14	5	0
39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	11	11	0	0	1	0
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	9	2	7	0	4	0
39346	METOLACHLOR IN TISSUES WETWTMG/KG	1	1	0	0	1	0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	35	19	14	2	6	0
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	27	20	7	0	5	0
39359	DDT SUM ANALOGS IN SEDIMENT UG/KG DRY WEIGHT	1	0	1	0	1	0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	48	20	14	14	8	0
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	25	20	5	0	4	0
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	48	20	14	14	8	0
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	23	19	4	0	4	0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	50	20	14	16	8	0
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	28	22	6	0	6	0
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	3	3	0	0	3	0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	50	21	15	14	9	0
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11	11	0	0	1	0
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	28	22	6	0	6	0
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	22	20	2	0	6	0
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	21	20	1	0	6	0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	50	21	15	14	9	0
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	29	23	6	0	6	0
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	16	2	14	0	3	0
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	7	2	5	0	3	0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	36	21	14	1	7	0
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	29	22	7	0	7	0
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	1	1	0	0	1	0
39406	DIELDRIN IN AQ ORGANISMS WT WGT BASIS (UG/G)	3	3	0	0	3	0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	49	21	14	14	8	0

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Parameter Code	Name	Total Obs	01/01/85 to 01/07/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	29	22	7	0	7	0
39415	METOLACHLOR, WATER, DISSOLVED UG/L	11	11	0	0	1	0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	49	21	14	14	8	0
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	30	23	7	0	7	0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	35	21	14	0	6	0
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	28	22	6	0	6	0
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	14	13	1	0	4	0
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	14	13	1	0	4	0
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	14	13	1	0	4	0
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	14	13	1	0	4	0
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	14	13	1	0	4	0
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	14	13	1	0	4	0
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	14	13	1	0	4	0
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	14	13	1	0	4	0
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	15	13	2	0	5	0
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	14	13	1	0	4	0
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	14	13	1	0	4	0
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	14	13	1	0	4	0
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	14	13	1	0	4	0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	22	13	8	1	8	0
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	16	12	4	0	7	0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	34	19	14	1	7	0
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	23	18	5	0	4	0
39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11	11	0	0	1	0
39534	MALATHION IN TISSUE WET WEIGHT MG/KG	2	2	0	0	1	0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	34	19	14	1	7	0
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	23	18	5	0	4	0
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11	11	0	0	1	0
39560	DEMETON IN WHOLE WATER SAMPLE (UG/L)	10	10	0	0	3	0
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	32	17	14	1	5	0
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	23	18	5	0	4	0
39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11	11	0	0	1	0
39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	13	13	0	0	3	0
39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	13	13	0	0	3	0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	15	0	14	1	2	0
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	5	0	5	0	1	0
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	8	1	7	0	2	0
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	2	1	1	0	2	0
39632	ATRAZINE DISSOLVED IN WATER PPB	11	11	0	0	1	0
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	19	18	1	0	4	0
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	20	19	1	0	4	0
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	1	0	1	0	1	0
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	22	21	1	0	4	0
39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	3	3	0	0	3	0
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	32	21	10	1	7	0
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	22	20	2	0	4	0
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	31	20	10	1	7	0
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	21	19	2	0	4	0
39750	SEVIN IN WHOLE WATER SAMPLE (UG/L)	10	10	0	0	5	0
39755	MIREX, TOTAL (UG/L)	12	10	2	0	6	0
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	3	2	1	0	3	0
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	29	18	10	1	7	0
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	19	17	2	0	4	0
39764	SILVEX (2,4,5-TP), TISSUE, WET WEIGHT MG/KG	2	2	0	0	2	0
39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	8	8	0	0	3	0
39781	LINDANE AQUATIC ORGANISMS WT WGT BASIS(UG/G)	3	3	0	0	1	0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	19	19	0	0	3	0
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	21	21	0	0	3	0
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	17	0	17	0	1	0
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	16	2	14	0	3	0
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	7	2	5	0	3	0
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	16	2	14	0	3	0
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	7	2	5	0	3	0
45510	XYLENE SEDIMENT,DRY WGT,UG/KG	18	18	0	0	3	0
45511	XYLENE TISSUE ,WET WGT,MG/KG	4	4	0	0	3	0
46290	BETA BHC IN SOIL (NG/G DRY WGT)	18	18	0	0	3	0
46292	DELTA-BHC IN SOIL (NG/G DRY WGT)	18	18	0	0	3	0
46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	11	11	0	0	1	0
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	5	5	0	0	1	0
49260	ACETOCHLOR, RECOVERABLE, WATER, FILTERED UG/L	11	11	0	0	1	0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	1	1	0	0	1	0

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Parameter Code	Name	Total Obs	01/01/85 to 01/07/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
60050	ALGAE, TOTAL (CELLS/ML)	126	0	24	102	2	0
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	100	0	0	100	1	0
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	100	0	0	100	1	0
60200	ALGAE, COCCOID GREEN (CELLS/ML)	100	0	0	100	1	0
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	104	0	0	104	1	0
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	100	0	0	100	1	0
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	100	0	0	100	1	0
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	89	0	0	89	1	0
60391	DIATOMS,PERCENT OF TOTAL,SECOND DOMINANT SPECIES	4	0	0	4	1	0
60392	DIATOMS,PERCENT OF TOTAL,THIRD DOMINANT SPECIES	3	0	0	3	1	0
60393	DIATOMS,PERCENT OF TOTAL,FOURTH DOMINANT SPECIES	3	0	0	3	1	0
60394	DIATOMS,PERCENT OF TOTAL,ALL OTHER SPECIES	4	0	0	4	1	0
60400	DIATOMS, CENTRIC (/ML)	100	0	0	100	1	0
60600	DIATOMS, PENNATE (/ML)	100	0	0	100	1	0
60610	DIATOM, INERT SHELLS - CENTRIC (/ML)	16	0	0	16	1	0
60620	DIATOM, INERT SHELLS - PENNATE (/ML)	16	0	0	16	1	0
60820	PROTOZOA, TOTAL (/ML)	35	0	0	35	1	0
60850	ROTIFERS, TOTAL (/LITER)	36	0	0	36	1	0
60900	CRUSTACEA, TOTAL (/LITER)	36	0	0	36	1	0
60950	NEMATODES, TOTAL (/LITER)	36	0	0	36	1	0
60990	ZOOPLANKTON OTHER (/LITER)	36	0	0	36	1	0
61273	ALPHA RADIATION, DISSOLVED,GROSS,AS U NATURAL UG/L	2	2	0	0	2	0
61274	CERIUM,SED,BOT,<63U,DRY SIEVE,LAB,TOTAL UG/G	2	2	0	0	2	0
61275	CHLORDANE IN WHOLE WATER SAMPLE,TOTAL UG/L	2	2	0	0	2	0
61276	CHLORDANE,TOTAL, IN BOTTOM MATERIAL UG/KG	2	2	0	0	2	0
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE	4	0	0	4	1	0
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE	4	0	0	4	1	0
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE	3	0	0	3	1	0
61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE	3	0	0	3	1	0
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	46	0	26	20	1	0
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	303	149	148	6	5	0
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	70	2	59	9	4	0
70302	SOLIDS, DISSOLVED-TONS PER DAY	61	0	58	3	2	0
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	126	0	113	13	4	0
70320	MOISTURE CONTENT (PERCENT OF TOTAL WET WEIGHT)	17	3	14	0	1	0
70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	195	70	95	30	1	0
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	56	0	31	25	1	0
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	48	0	26	22	1	0
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	22	0	17	5	1	0
70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	3	0	2	1	1	0
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	62	0	32	30	1	0
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	62	0	32	30	1	0
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	62	0	32	30	1	0
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	62	0	32	30	1	0
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	62	0	32	30	1	0
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	5	0	0	5	1	0
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	5	0	0	5	1	0
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	5	0	0	5	1	0
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	16	16	0	0	2	0
70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	2	0	2	0	1	0
70955	CHLOROPHYLL-A,PERIDHYTON UG/L,CHROMO-SPECTRO	1	0	1	0	1	0
70956	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-SPECTRO	1	0	1	0	1	0
70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	3	0	3	0	1	0
70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	3	0	3	0	1	0
71000	COUNT LEVEL OF MOST ABNDNT ALGAE1ST DOMINANT /ML	4	0	0	4	1	0
71001	COUNT LEVEL OF MOST ABNDNT ALGAE2ND DOMINANT /ML	3	0	0	3	1	0
71002	COUNT LEVEL OF MOST ABNDNT ALGAE3RD DOMINANT /ML	3	0	0	3	1	0
71003	COUNT LEVEL OF MOST ABNDNT ALGAE4TH DOMINANT /ML	3	0	0	3	1	0
71004	COUNT LEVEL OF MOST ABNDNT ALGAE5TH DOMINANT /ML	3	0	0	3	1	0
71005	COUNT LEVEL OF MOST ABNDNT ALGAE6TH DOMINANT /ML	1	0	0	1	1	0
71006	COUNT LEVEL OF MOST ABNDNT ALGAE7TH DOMINANT /ML	1	0	0	1	1	0
71007	COUNT LEVEL OF MOST ABNDNT ALGAE8TH DOMINANT /ML	1	0	0	1	1	0
71008	COUNT LEVEL OF MOST ABNDNT ALGAE9TH DOMINANT /ML	1	0	0	1	1	0
71009	COUNT LEVEL OF MOST ABNDNT ALGAE10TH DOMINANT /ML	1	0	0	1	1	0
71010	GENUS OF MOST ABUNDANT ALGAE 1ST DOMINANT /ML	4	0	0	4	1	0
71011	GENUS OF MOST ABUNDANT ALGAE 2ND DOMINANT /ML	3	0	0	3	1	0
71012	GENUS OF MOST ABUNDANT ALGAE 3RD DOMINANT /ML	3	0	0	3	1	0
71013	GENUS OF MOST ABUNDANT ALGAE 4TH DOMINANT /ML	3	0	0	3	1	0
71014	GENUS OF MOST ABUNDANT ALGAE 5TH DOMINANT /ML	3	0	0	3	1	0
71015	GENUS OF MOST ABUNDANT ALGAE 6TH DOMINANT /ML	1	0	0	1	1	0
71016	GENUS OF MOST ABUNDANT ALGAE 7TH DOMINANT /ML	1	0	0	1	1	0

Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Parameter Code	Name	Total Obs	01/01/85 to 01/07/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
71017	GENUS OF MOST ABUNDANT ALGAE 8TH DOMINANT /ML	1	0	0	1	1	0
71018	GENUS OF MOST ABUNDANT ALGAE 9TH DOMINANT /ML	1	0	0	1	1	0
71019	GENUS OF MOST ABUNDANT ALGAE 10TH DOMINANT /ML	1	0	0	1	1	0
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	20	0	20	0	2	0
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	21	0	21	0	1	0
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	5	0	0	5	1	0
71865	IODIDE (MG/L AS I)	4	0	0	4	2	0
71870	BROMIDE (MG/L AS BR)	4	0	0	4	2	0
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	71	0	71	0	3	0
71887	NITROGEN, TOTAL, AS NO3 - MG/L	120	0	115	5	4	0
71890	MERCURY, DISSOLVED (UG/L AS HG)	83	45	31	7	8	0
71895	MERCURY, SUSPENDED (UG/L AS HG)	13	0	13	0	1	0
71900	MERCURY, TOTAL (UG/L AS HG)	36	11	23	2	6	0
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	22	21	1	0	4	0
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	4	4	0	0	3	0
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	17	3	14	0	1	0
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	21	7	14	0	4	0
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	21	7	14	0	4	0
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	18	4	14	0	2	0
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	4	4	0	0	3	0
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	21	7	14	0	4	0
72053	DAYS SINCE PRECIPITATION EVENT DAYS	42	42	0	0	3	0
73120	HEXACHLOROPHENE, DRY WEIGHT, SEDIMENT UG/KG	6	6	0	0	3	0
73159	N-NITROSO-DI-N-BUTYLAMINE, DRY WT, SEDIMENT UG/KG	11	11	0	0	3	0
73609	1-BUTANAMINE, N-BUTYL-N-NITROSO- TOTWUG/L	9	9	0	0	3	0
73611	ETHANAMINE, N-ETHYL-N-NITROSO- TOTWUG/L	8	8	0	0	3	0
74069	FLOW, ESTIMATED STREAM CFS	43	40	3	0	3	0
75192	STYRENE SEDIMENT,DRY WGT,UG/KG	1	1	0	0	1	0
76164	STYRENE TISSUE ,WET WGT,MG/KG	1	1	0	0	1	0
77045	PYRIDINE WHOLE WATER,UG/L	10	10	0	0	3	0
77128	STYRENE WHOLE WATER,UG/L	1	1	0	0	1	0
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	13	13	0	0	3	0
77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	10	10	0	0	3	0
77734	1,2,4,5-TETRACHLOROBENZENE WHOLE WATER,UG/L	10	10	0	0	3	0
77793	PENTACHLOROBENZENE WHOLE WATER,UG/L	9	9	0	0	3	0
78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT,DRY WEIGHT,UG/KG	12	12	0	0	3	0
79178	PCB-1242 TISDRYWTMG/KG	14	0	6	8	1	0
79179	PCB-1254 TISDRYWTMG/KG	45	3	17	25	1	0
79182	PCB-1248 TISDRYWTMG/KG	20	3	17	0	1	0
79183	PCB-1260 TISDRYWTMG/KG	28	3	17	8	1	0
79778	CRESOL UG/L	12	12	0	0	3	0
79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	9	9	0	0	3	0
79800	MIREX SEDIMENT,DRY,WT,UG/KG	9	9	0	0	3	0
80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	201	71	95	35	1	0
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	118	0	85	33	1	0
80222	SUSPENDED SILT CONCENTRATION (<.0625MM) MG/L	1	1	0	0	1	0
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	12	12	0	0	1	0
81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	3	3	0	0	1	0
81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	16	16	0	0	3	0
81403	DURSBAN(CHLOROPYRIFOS)WHOLE WATER SAMPLE (UG/L)	14	14	0	0	3	0
81404	DURSBAN,BOTTOM DEPOSITS,DRY WGT,UG/KG	15	15	0	0	3	0
81551	XYLENE WHL WATER SMPL UG/L	20	20	0	0	3	0
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	4	4	0	0	3	0
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	4	4	0	0	3	0
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	4	4	0	0	3	0
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	16	5	11	0	2	0
81666	ALUMINUM IN FISH TISSUE WET WEIGHT MG/KG	1	1	0	0	1	0
81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	2	2	0	0	2	0
81759	ENDOSULFAN IN FISH TISSUE WET WEIGHT MG/KG	3	3	0	0	3	0
81802	GUTHION IN FISH TISSUE,WET WEIGHT MG/KG	2	2	0	0	1	0
81806	DIAZINON IN FISH TISSUE WET WEIGHT, MG/KG	2	2	0	0	1	0
81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	2	2	0	0	1	0
81810	PARATHION IN FISH TISSUE WET WEIGHT MG/KG	2	2	0	0	1	0
81818	SEVIN IN SEDIMENT DRY WEIGHT UG/KG	8	8	0	0	3	0
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	14	3	11	0	1	0
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	3	2	1	0	3	0
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	48	6	17	25	4	0
81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	3	3	0	0	3	0
81944	DDT(INCLUDES DDE & DDD) IN TISSUE WET WEIGHT MG/KG	3	3	0	0	1	0
81945	ANTHRACENE&PHENANTHRENE IN WHOLE WATER SAMPLE UG/L	1	1	0	0	1	0
81948	ANTHRACENE&PHENANTHRENE SEDIMENT DRY WEIGHT UG/KG	2	1	1	0	2	0

Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Parameter Code	Name	Total Obs	01/01/85 to 01/07/97	01/01/75 to 12/31/84	Before 01/01/75	Stations Total	Stations Park
81949	ANTHRACENE&PHENANTHRENE IN TISSUE WET WEIGHT MG/KG	1	1	0	0	1	0
81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	17	17	0	0	3	0
81987	TOTAL SEDIMENT PARTICLE SIZE %COARSER THAN 9.00PHI	45	3	17	25	1	0
82004	DACTHAL IN TISSUE SAMPLE WET WEIGHT MG/KG	18	4	14	0	2	0
82008	SEDIMENT PRCTL.SIZE CLASS .0039-.0625 SILT %DRY WT	12	12	0	0	1	0
82009	SEDIMENT PRCTL.SIZE CLASS <.0039 CLAY %DRY WT	12	12	0	0	1	0
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	17	3	14	0	1	0
82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	3	3	0	0	3	0
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	3	0	3	0	1	0
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	4	2	2	0	3	0
82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	2	2	0	0	2	0
82394	HARDNESS,TOTAL CALCULATED(CA,MG,FE) AS CACO3 MG/L	1	1	0	0	1	0
82398	SAMPLING METHOD (CODES)	46	12	33	1	1	0
82400	DEMETON IN SEDIMENT (SYSTOX) DRY WEIGHT UG/KG	11	11	0	0	3	0
82404	ATRAZINE IN FISH TISSUE WET WEIGHT MG/KG	1	1	0	0	1	0
82406	SIMAZINE IN FISH TISSUE (PRINCEP)WET WEIGHT MG/KG	1	1	0	0	1	0
82612	METOLACHLOR, WHOLE WATER, TOTAL RECOVERABLE UG/L	1	1	0	0	1	0
82615	CARBOFURAN, WHOLE WATER, TOTAL RECOVERABLE UG/L	1	1	0	0	1	0
82619	ALDICARB, WHOLE WATER, TOTAL RECOVERABLE UG/L	1	1	0	0	1	0
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	11	11	0	0	1	0
82660	DIETHYLANILINE, 2, 6-,0.7UM FILT,TOT RECV,WTR UG/L	11	11	0	0	1	0
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	11	11	0	0	1	0
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	11	11	0	0	1	0
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	11	11	0	0	1	0
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	11	11	0	0	1	0
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	11	11	0	0	1	0
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	11	11	0	0	1	0
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	11	11	0	0	1	0
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	11	11	0	0	1	0
82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	11	11	0	0	1	0
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	11	11	0	0	1	0
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	11	11	0	0	1	0
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	11	11	0	0	1	0
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	11	11	0	0	1	0
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	11	11	0	0	1	0
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	11	11	0	0	1	0
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	11	11	0	0	1	0
82678	TRIALLATE, 0.7 UM FILT, TOT RECV, WATER UG/L	11	11	0	0	1	0
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	11	11	0	0	1	0
82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	11	11	0	0	1	0
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	11	11	0	0	1	0
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	11	11	0	0	1	0
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	11	11	0	0	1	0
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	11	11	0	0	1	0
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	11	11	0	0	1	0
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	11	11	0	0	1	0
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	11	11	0	0	1	0
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	3	0	3	0	3	0
84001	AQUIFER NAME CODE (SEE USGS CATALOG)	3	0	3	0	3	0
84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE	4	4	0	0	3	0

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0001	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/69-09/09/69	0	7	
PAAL0002	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-03/29/82	13	99	
PAAL0004	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-06/03/75	6	63	
PAAL0009	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-06/03/75	6	67	
PAAL0011	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	21	188	
PAAL0015	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	24	251	
PAAL0017	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/01/69-10/01/86	17	45	
PAAL0020	No	00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/09/91-07/25/94	2	16	
PAAL0018	No	00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE	08/09/61-09/29/67	6	13	
PAAL0001	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/69-09/09/69	0	7	
PAAL0002	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-12/16/81	13	96	
PAAL0004	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-06/03/75	6	63	
PAAL0009	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-06/03/75	6	67	
PAAL0011	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/03/74-07/29/96	21	89	
PAAL0012	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	30	208	
PAAL0015	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	24	240	
PAAL0016	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/77-12/02/81	4	55	
PAAL0018	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-02/04/63	3	131	
PAAL0019	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/26/86-06/26/86	0	1	
PAAL0020	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/09/91-07/25/94	2	13	
PAAL0021	No	00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/26/86-06/26/86	0	1	
PAAL0011	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/03/74-10/23/85	10	57	
PAAL0015	No	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/04/68-12/09/85	17	154	A
PAAL0017	No	00023	SAMPLE WEIGHT IN POUNDS	10/01/69-10/01/84	15	42	
PAAL0011	No	00024	SAMPLE LENGTH IN INCHES	06/09/94-06/09/94	0	1	
PAAL0017	No	00024	SAMPLE LENGTH IN INCHES	10/01/69-10/01/84	15	42	
PAAL0012	No	00025	BAROMETRIC PRESSURE (MM OF HG)	08/19/82-01/07/97	14	83	
PAAL0002	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	12/16/81-03/29/82	0	6	
PAAL0012	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/22/74-01/07/97	22	127	
PAAL0016	No	00027	CODE NO FOR AGENCY COLLECTING SAMPLE-SEE APPEND.	10/22/81-12/02/81	0	2	
PAAL0002	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	04/10/79-03/29/82	2	16	
PAAL0012	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	10/22/74-01/07/97	22	150	
PAAL0016	No	00028	CODE NO FOR AGENCY ANALYZING SAMPLE (SEE APPEND)	07/11/78-12/02/81	3	41	
PAAL0012	No	00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	08/30/94-08/30/94	0	1	
PAAL0013	No	00032	CLOUD COVER (PERCENT)	09/30/76-03/14/78	1	7	
PAAL0013	No	00037	WIND FORCE (BEAUFORT UNITS)	12/02/76-03/14/78	1	6	
PAAL0012	No	00060	FLOW, STREAM, MEAN DAILY CFS	02/15/66-08/19/75	9	34	
PAAL0018	No	00060	FLOW, STREAM, MEAN DAILY CFS	10/19/59-09/26/66	6	350	A
PAAL0011	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	12/03/74-04/30/96	21	70	
PAAL0012	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	23	171	
PAAL0015	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	10/03/74-12/08/92	18	80	
PAAL0016	No	00061	FLOW, STREAM, INSTANTANEOUS CFS	05/10/77-09/13/77	0	5	
PAAL0012	No	00065	STAGE, STREAM (FEET)	05/12/83-01/07/97	13	17	
PAAL0002	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/74-02/04/75	0	17	
PAAL0004	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/74-02/04/75	0	17	
PAAL0009	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/74-02/04/75	0	16	
PAAL0011	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/03/74-01/14/93	18	31	
PAAL0012	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/12/74-09/13/78	3	30	
PAAL0015	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/04/68-03/29/79	10	102	A
PAAL0016	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/10/77-09/12/78	1	17	
PAAL0018	No	00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/59-12/20/71	12	337	A
PAAL0012	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/04/78-01/07/97	18	108	T
PAAL0015	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/22/81-12/02/81	0	2	
PAAL0016	No	00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/03/78-12/02/81	3	37	
PAAL0011	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/18/83-06/26/86	3	10	
PAAL0015	No	00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/11/82-04/16/90	8	84	
PAAL0001	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/09/69-09/09/69	0	1	
PAAL0002	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	09/09/69-03/29/82	12	17	
PAAL0004	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/21/68-06/03/75	6	10	
PAAL0009	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	08/21/68-06/03/75	6	9	
PAAL0011	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	10/22/92-07/29/96	3	28	
PAAL0015	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	06/06/89-12/08/92	3	34	
PAAL0020	No	00078	TRANSPARENCY, SECCHI DISC (METERS)	12/09/91-07/25/94	2	12	
PAAL0015	No	00080	COLOR (PLATINUM-COBALT UNITS)	10/22/81-12/02/81	0	2	
PAAL0016	No	00080	COLOR (PLATINUM-COBALT UNITS)	05/10/77-12/02/81	4	53	
PAAL0018	No	00080	COLOR (PLATINUM-COBALT UNITS)	11/15/61-05/10/71	9	221	A
PAAL0011	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/03/74-07/29/96	21	87	
PAAL0015	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/73-12/08/92	19	187	T,A
PAAL0016	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/22/80-10/22/80	0	1	
PAAL0020	No	00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/09/91-07/25/94	2	12	
PAAL0001	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/09/69-09/09/69	0	7	
PAAL0002	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM 25C)	08/21/68-03/29/82	13	93	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0004	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-06/03/75	6	57	
PAAL0009	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-06/03/75	6	62	
PAAL0011	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/03/74-04/23/76	1	7	
PAAL0012	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/06/66-01/07/97	30	145	T,S
PAAL0015	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/68-09/09/87	19	138	T,A
PAAL0016	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/10/77-12/02/81	4	55	
PAAL0018	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/68-12/20/71	3	63	
PAAL0019	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/26/86-06/26/86	0	1	
PAAL0021	No	00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/26/86-06/26/86	0	1	
PAAL0001	No	00300	OXYGEN, DISSOLVED MG/L	09/09/69-09/09/69	0	7	
PAAL0002	No	00300	OXYGEN, DISSOLVED MG/L	08/21/68-12/16/81	13	91	
PAAL0004	No	00300	OXYGEN, DISSOLVED MG/L	08/21/68-06/03/75	6	57	
PAAL0009	No	00300	OXYGEN, DISSOLVED MG/L	08/21/68-06/03/75	6	67	
PAAL0011	No	00300	OXYGEN, DISSOLVED MG/L	12/03/74-07/29/96	21	87	
PAAL0012	No	00300	OXYGEN, DISSOLVED MG/L	11/12/74-01/07/97	22	139	T,S
PAAL0015	No	00300	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	24	239	T,A,S
PAAL0016	No	00300	OXYGEN, DISSOLVED MG/L	05/10/77-12/02/81	4	55	
PAAL0018	No	00300	OXYGEN, DISSOLVED MG/L	12/30/60-02/04/63	2	84	
PAAL0019	No	00300	OXYGEN, DISSOLVED MG/L	06/26/86-06/26/86	0	1	
PAAL0020	No	00300	OXYGEN, DISSOLVED MG/L	12/09/91-07/25/94	2	13	
PAAL0021	No	00300	OXYGEN, DISSOLVED MG/L	06/26/86-06/26/86	0	1	
PAAL0001	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/09/69-09/09/69	0	7	
PAAL0002	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-12/16/81	13	91	
PAAL0004	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-06/03/75	6	57	
PAAL0009	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-06/03/75	6	67	
PAAL0012	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/12/74-01/26/83	8	57	
PAAL0015	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/22/81-12/02/81	0	2	
PAAL0016	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/10/77-12/02/81	4	55	
PAAL0019	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/26/86-06/26/86	0	1	
PAAL0021	No	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/26/86-06/26/86	0	1	
PAAL0001	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/09/69-09/09/69	0	1	
PAAL0002	No	00310	BOD, 5 DAY, 20 DEG C MG/L	01/31/77-03/29/82	5	17	
PAAL0009	No	00310	BOD, 5 DAY, 20 DEG C MG/L	08/21/68-06/03/75	6	20	
PAAL0011	No	00310	BOD, 5 DAY, 20 DEG C MG/L	04/08/75-04/08/75	0	1	
PAAL0012	No	00310	BOD, 5 DAY, 20 DEG C MG/L	11/12/74-08/30/95	20	125	T
PAAL0015	No	00310	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-12/08/92	24	131	T,S
PAAL0016	No	00310	BOD, 5 DAY, 20 DEG C MG/L	05/10/77-12/02/81	4	54	
PAAL0018	No	00310	BOD, 5 DAY, 20 DEG C MG/L	12/30/60-02/04/63	2	83	
PAAL0009	No	00335	COD, .025N K2CR2O7 MG/L	10/06/70-05/22/73	2	6	
PAAL0018	No	00335	COD, .025N K2CR2O7 MG/L	02/22/62-02/22/62	0	1	
PAAL0001	No	00400	PH (STANDARD UNITS)	09/09/69-09/09/69	0	7	
PAAL0002	No	00400	PH (STANDARD UNITS)	08/21/68-12/16/81	13	88	
PAAL0004	No	00400	PH (STANDARD UNITS)	08/21/68-02/04/75	6	58	
PAAL0009	No	00400	PH (STANDARD UNITS)	08/21/68-02/04/75	6	59	
PAAL0011	No	00400	PH (STANDARD UNITS)	12/03/74-07/29/96	21	86	
PAAL0012	No	00400	PH (STANDARD UNITS)	12/06/66-01/07/97	30	143	T,S
PAAL0015	No	00400	PH (STANDARD UNITS)	10/02/69-12/08/92	23	199	T,A,S
PAAL0016	No	00400	PH (STANDARD UNITS)	05/10/77-12/02/81	4	55	
PAAL0018	No	00400	PH (STANDARD UNITS)	10/19/59-12/20/71	12	232	A
PAAL0019	No	00400	PH (STANDARD UNITS)	06/26/86-06/26/86	0	1	
PAAL0020	No	00400	PH (STANDARD UNITS)	12/09/91-07/25/94	2	13	
PAAL0021	No	00400	PH (STANDARD UNITS)	06/26/86-06/26/86	0	1	
PAAL0011	No	00403	PH, LAB, STANDARD UNITS SU	12/03/74-04/23/76	1	7	
PAAL0012	No	00403	PH, LAB, STANDARD UNITS SU	10/22/80-01/07/97	16	97	
PAAL0015	No	00403	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/87	19	134	T,A
PAAL0016	No	00403	PH, LAB, STANDARD UNITS SU	10/22/80-12/02/81	1	14	
PAAL0018	No	00403	PH, LAB, STANDARD UNITS SU	05/10/71-09/13/71	0	6	
PAAL0001	No	00405	CARBON DIOXIDE (MG/L AS CO2)	09/09/69-09/09/69	0	1	
PAAL0009	No	00405	CARBON DIOXIDE (MG/L AS CO2)	08/21/68-02/04/75	6	7	
PAAL0012	No	00405	CARBON DIOXIDE (MG/L AS CO2)	11/12/74-08/20/80	5	41	
PAAL0016	No	00405	CARBON DIOXIDE (MG/L AS CO2)	06/29/79-06/29/79	0	1	
PAAL0001	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/09/69-09/09/69	0	1	
PAAL0009	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/21/68-06/03/75	6	9	
PAAL0011	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/22/92-07/29/96	3	16	
PAAL0012	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/06/66-06/26/90	23	99	S
PAAL0015	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/69-12/08/92	23	132	T,A,S
PAAL0016	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/29/79-04/08/81	1	2	
PAAL0018	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/59-05/10/71	11	337	A
PAAL0020	No	00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/09/91-07/25/94	2	10	
PAAL0012	No	00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	01/14/87-01/14/87	0	1	
PAAL0012	No	00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	11/20/86-11/20/86	0	1	
PAAL0001	No	00440	BICARBONATE ION (MG/L AS HCO3)	09/09/69-09/09/69	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0009	No	00440	BICARBONATE ION (MG/L AS HCO3)	08/21/68-06/03/75	6	9	
PAAL0012	No	00440	BICARBONATE ION (MG/L AS HCO3)	12/06/66-09/01/87	20	49	
PAAL0016	No	00440	BICARBONATE ION (MG/L AS HCO3)	06/29/79-06/29/79	0	1	
PAAL0009	No	00445	CARBONATE ION (MG/L AS CO3)	06/03/75-06/03/75	0	2	
PAAL0012	No	00445	CARBONATE ION (MG/L AS CO3)	12/06/66-09/01/87	20	49	
PAAL0016	No	00445	CARBONATE ION (MG/L AS CO3)	06/29/79-06/29/79	0	1	
PAAL0012	No	00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	08/26/86-11/19/87	1	7	
PAAL0012	No	00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	08/26/86-11/19/87	1	7	
PAAL0012	No	00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	11/19/87-01/07/97	9	54	
PAAL0012	No	00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	11/19/87-01/07/97	9	57	
PAAL0015	No	00480	SALINITY - PARTS PER THOUSAND	06/01/92-06/01/92	0	1	
PAAL0020	No	00480	SALINITY - PARTS PER THOUSAND	06/01/92-06/01/92	0	1	
PAAL0011	No	00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	10/22/92-08/23/94	1	7	
PAAL0015	No	00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	12/09/91-08/12/92	0	4	
PAAL0020	No	00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	12/09/91-06/01/92	0	2	
PAAL0018	No	00500	RESIDUE, TOTAL (MG/L)	10/27/69-10/05/70	0	5	
PAAL0018	No	00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/15/61-12/20/71	10	165	
PAAL0011	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/03/74-07/29/96	21	23	
PAAL0015	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/02/72-12/08/92	20	166	T,A
PAAL0016	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/77-12/02/81	4	54	
PAAL0018	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/19/59-10/05/70	10	122	
PAAL0020	No	00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/09/91-07/25/94	2	10	
PAAL0011	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/03/74-07/29/96	21	22	
PAAL0015	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/02/72-12/08/92	20	165	T,A
PAAL0016	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/10/77-12/02/81	4	54	
PAAL0020	No	00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/09/91-07/25/94	2	10	
PAAL0015	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/22/81-12/02/81	0	2	
PAAL0016	No	00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/14/79-12/02/81	2	32	
PAAL0011	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	10/21/93-04/12/94	0	2	
PAAL0015	No	00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	00561	OIL & GREASE, SED, DRY WT,FREON EXTR-IR METH,MG/KG	10/22/92-01/29/96	3	8	
PAAL0015	No	00561	OIL & GREASE, SED, DRY WT,FREON EXTR-IR METH,MG/KG	12/09/91-06/01/92	0	3	
PAAL0020	No	00561	OIL & GREASE, SED, DRY WT,FREON EXTR-IR METH,MG/KG	12/09/91-06/01/92	0	2	
PAAL0012	No	00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	10/18/77-01/24/80	2	3	
PAAL0012	No	00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	10/18/77-01/24/80	2	3	
PAAL0011	No	00593	NO2 & NO3-N,TOTAL,WHATMAN GF/F FILTERED MG/L	04/30/96-07/29/96	0	2	
PAAL0002	No	00600	NITROGEN, TOTAL (MG/L AS N)	01/31/77-03/25/81	4	15	
PAAL0009	No	00600	NITROGEN, TOTAL (MG/L AS N)	04/23/74-06/03/75	1	5	
PAAL0012	No	00600	NITROGEN, TOTAL (MG/L AS N)	11/12/74-09/16/81	6	49	
PAAL0016	No	00600	NITROGEN, TOTAL (MG/L AS N)	05/10/77-12/02/81	4	51	
PAAL0012	No	00602	NITROGEN, DISSOLVED (MG/L AS N)	10/17/79-08/19/81	1	13	
PAAL0002	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/31/77-03/29/82	5	17	
PAAL0009	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/74-06/03/75	1	5	
PAAL0012	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/12/74-09/16/81	6	50	
PAAL0015	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/22/81-10/22/81	0	1	
PAAL0016	No	00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/14/78-10/22/81	3	4	
PAAL0012	No	00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	10/17/79-08/19/81	1	13	
PAAL0012	No	00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/79-01/07/97	17	101	
PAAL0001	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/09/69-09/09/69	0	1	
PAAL0002	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/31/77-03/29/82	5	19	
PAAL0009	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/21/68-06/03/75	6	20	
PAAL0011	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/03/74-07/29/96	21	24	
PAAL0012	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/12/74-10/14/92	17	92	
PAAL0015	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/02/72-12/08/92	20	164	T,A
PAAL0016	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/14/78-10/22/81	3	4	
PAAL0020	No	00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/09/91-07/25/94	2	10	
PAAL0011	No	00612	AMMONIA, UNIONZED (MG/L AS N)	01/14/93-01/14/93	0	1	
PAAL0012	No	00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/23/85-01/07/97	11	70	
PAAL0001	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/09/69-09/09/69	0	1	
PAAL0002	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/31/77-03/29/82	5	19	
PAAL0009	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/21/68-06/03/75	6	20	
PAAL0011	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/22/92-10/18/94	1	9	
PAAL0012	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/12/74-10/14/92	17	49	
PAAL0015	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/03/82-06/01/92	10	18	
PAAL0016	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/14/78-02/14/78	0	1	
PAAL0020	No	00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/09/91-07/25/94	2	10	
PAAL0001	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/09/69-09/09/69	0	1	
PAAL0002	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/31/77-03/25/81	4	15	
PAAL0009	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/21/68-06/03/75	6	20	
PAAL0011	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/03/74-10/18/94	19	16	
PAAL0012	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/12/74-09/12/79	4	36	
PAAL0015	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/02/72-06/01/92	20	114	T

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0016	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/14/78-02/14/78	0	1	
PAAL0020	No	00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/09/91-07/25/94	2	10	
PAAL0012	No	00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	12/06/77-01/07/97	19	39	
PAAL0012	No	00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	04/25/79-08/19/81	2	15	
PAAL0002	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/31/77-03/29/82	5	19	
PAAL0009	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/23/74-06/03/75	1	5	
PAAL0011	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/25/93-07/29/96	3	15	
PAAL0012	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/12/74-01/07/97	22	139	T,S
PAAL0015	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/22/81-12/02/81	0	2	
PAAL0016	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/10/77-12/02/81	4	53	
PAAL0018	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/10/70-05/10/71	0	37	
PAAL0020	No	00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/25/93-07/25/94	1	7	
PAAL0011	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	10/22/92-08/23/94	1	7	
PAAL0015	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	12/09/91-08/12/92	0	4	
PAAL0020	No	00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	12/09/91-06/01/92	0	2	
PAAL0011	No	00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	02/01/95-03/08/95	0	2	
PAAL0002	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/31/77-03/29/82	5	19	
PAAL0009	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/23/74-06/03/75	1	5	
PAAL0011	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/01/95-10/26/95	0	4	
PAAL0012	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/12/74-10/14/92	17	63	
PAAL0015	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/81-09/09/85	3	3	
PAAL0016	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/10/77-12/02/81	4	52	
PAAL0018	No	00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/64-09/03/68	3	42	
PAAL0012	No	00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/17/79-01/07/97	17	101	
PAAL0018	No	00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	12/07/64-09/30/68	3	40	
PAAL0018	No	00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	01/04/65-07/05/66	1	13	
PAAL0002	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/10/79-04/10/79	0	2	
PAAL0011	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/03/74-04/23/76	1	7	
PAAL0012	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/25/79-04/25/79	0	1	
PAAL0015	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/02/72-07/17/85	13	81	
PAAL0016	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/25/79-06/29/79	0	3	
PAAL0018	No	00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/04/68-12/23/68	0	8	
PAAL0018	No	00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/31/61-09/29/64	3	108	
PAAL0001	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/09/69-09/09/69	0	1	
PAAL0009	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/21/68-10/29/73	5	12	
PAAL0011	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/03/74-04/23/76	1	7	
PAAL0012	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/02/81-05/26/82	0	2	
PAAL0015	No	00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/17/73-09/09/85	11	74	
PAAL0001	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/09/69-09/09/69	0	1	
PAAL0002	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/31/77-03/29/82	5	19	
PAAL0009	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/21/68-06/03/75	6	20	
PAAL0011	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/03/74-07/29/96	21	22	
PAAL0012	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	11/12/74-01/07/97	22	139	T,S
PAAL0015	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/72-12/08/92	20	166	T,A
PAAL0016	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/10/77-12/02/81	4	53	
PAAL0018	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/04/65-05/10/71	6	96	
PAAL0020	No	00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/09/91-07/25/94	2	10	
PAAL0012	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/06/77-01/07/97	19	115	T
PAAL0018	No	00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/07/64-09/30/68	3	28	
PAAL0011	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	10/22/92-03/08/95	2	10	
PAAL0015	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	12/09/91-08/12/92	0	4	
PAAL0020	No	00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	12/09/91-06/01/92	0	2	
PAAL0001	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/09/69-09/09/69	0	1	
PAAL0009	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/21/68-10/29/73	5	12	
PAAL0011	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/03/74-10/26/95	20	19	
PAAL0012	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/22/81-01/07/97	15	88	
PAAL0015	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/73-06/01/92	18	109	T
PAAL0020	No	00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/09/91-07/25/94	2	10	
PAAL0002	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/31/77-03/29/82	5	18	
PAAL0009	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/26/72-06/03/75	2	10	
PAAL0011	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/03/74-07/29/96	21	24	
PAAL0012	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/19/75-02/19/81	6	23	
PAAL0015	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/14/74-12/08/92	18	152	T,A
PAAL0016	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/10/77-12/02/81	4	52	
PAAL0018	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/01/65-09/03/68	3	34	
PAAL0020	No	00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/09/91-07/25/94	2	10	
PAAL0012	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/15/78-01/07/97	18	21	
PAAL0018	No	00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/05/65-08/06/68	3	29	
PAAL0012	No	00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	08/15/78-01/07/97	18	21	
PAAL0011	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/93-10/26/95	2	6	
PAAL0014	No	00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/08/81-04/08/81	0	1	
PAAL0011	No	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	01/14/93-01/14/93	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0014	No	00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	04/08/81-04/08/81	0	1	
PAAL0011	No	00747	SULFIDE IN BOTTOM DEPOSITS MG/KG	10/22/92-01/29/96	3	13	
PAAL0015	No	00747	SULFIDE IN BOTTOM DEPOSITS MG/KG	06/01/92-08/12/92	0	2	
PAAL0020	No	00747	SULFIDE IN BOTTOM DEPOSITS MG/KG	06/01/92-06/01/92	0	1	
PAAL0001	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/09/69-09/09/69	0	1	
PAAL0009	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/21/68-06/03/75	6	9	
PAAL0011	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/22/92-10/18/94	1	9	
PAAL0012	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/06/66-01/08/91	24	63	S
PAAL0015	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/09/91-08/12/92	0	4	
PAAL0018	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-12/20/71	12	317	A
PAAL0020	No	00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/09/91-06/01/92	0	2	
PAAL0001	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/09/69-09/09/69	0	1	
PAAL0009	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/21/68-06/03/75	6	9	
PAAL0012	No	00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/06/66-01/26/83	16	62	
PAAL0001	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/09/69-09/09/69	0	1	
PAAL0009	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/21/68-06/03/75	6	9	
PAAL0011	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/19/94-04/30/96	2	10	
PAAL0012	No	00915	CALCIUM, DISSOLVED (MG/L AS CA)	12/06/66-01/07/97	30	143	T,S
PAAL0001	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/09/69-09/09/69	0	1	
PAAL0009	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/68-06/03/75	6	9	
PAAL0011	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/19/94-04/30/96	2	10	
PAAL0012	No	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/06/66-01/07/97	30	143	T,S
PAAL0009	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/22/74-06/03/75	0	5	
PAAL0012	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	12/06/66-01/07/97	30	143	T,S
PAAL0018	No	00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/62-05/03/71	8	48	
PAAL0009	No	00931	SODIUM ADSORPTION RATIO	10/22/74-06/03/75	0	5	
PAAL0012	No	00931	SODIUM ADSORPTION RATIO	12/06/66-01/08/91	24	63	S
PAAL0009	No	00932	SODIUM, PERCENT	10/22/74-06/03/75	0	5	
PAAL0012	No	00932	SODIUM, PERCENT	12/06/66-01/08/91	24	63	S
PAAL0001	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	09/09/69-09/09/69	0	1	
PAAL0009	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	08/21/68-10/06/70	2	4	
PAAL0012	No	00933	SODIUM,PLUS POTASSIUM (MG/L)	04/25/79-02/20/80	0	6	
PAAL0009	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/22/74-06/03/75	0	5	
PAAL0012	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	12/06/66-01/07/97	30	143	T,S
PAAL0018	No	00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/62-01/11/71	8	13	
PAAL0001	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/09/69-09/09/69	0	1	
PAAL0009	No	00940	CHLORIDE,TOTAL IN WATER MG/L	08/21/68-06/03/75	6	9	
PAAL0011	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/03/74-07/29/96	21	24	
PAAL0012	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/06/66-01/07/97	30	144	T,S
PAAL0015	No	00940	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	24	207	T,A,S
PAAL0016	No	00940	CHLORIDE,TOTAL IN WATER MG/L	05/10/77-12/02/81	4	55	
PAAL0018	No	00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-12/20/71	12	355	A
PAAL0020	No	00940	CHLORIDE,TOTAL IN WATER MG/L	12/09/91-07/25/94	2	10	
PAAL0011	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	12/03/74-06/30/77	2	22	
PAAL0015	No	00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/29/72-06/30/77	4	47	
PAAL0001	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/09/69-09/09/69	0	1	
PAAL0009	No	00945	SULFATE, TOTAL (MG/L AS SO4)	08/21/68-06/03/75	6	9	
PAAL0011	No	00945	SULFATE, TOTAL (MG/L AS SO4)	12/03/74-07/29/96	21	25	
PAAL0012	No	00945	SULFATE, TOTAL (MG/L AS SO4)	12/06/66-01/07/97	30	144	T,S
PAAL0015	No	00945	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	24	200	T,A,S
PAAL0016	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/10/77-12/02/81	4	55	
PAAL0018	No	00945	SULFATE, TOTAL (MG/L AS SO4)	05/31/61-12/20/71	10	252	A
PAAL0020	No	00945	SULFATE, TOTAL (MG/L AS SO4)	12/09/91-07/25/94	2	10	
PAAL0001	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/09/69-09/09/69	0	1	
PAAL0009	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/09/69-06/03/75	5	7	
PAAL0012	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	12/06/66-01/07/97	30	141	T,S
PAAL0016	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/20/81-02/20/81	0	1	
PAAL0018	No	00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/62-12/20/71	9	68	
PAAL0001	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	09/09/69-09/09/69	0	1	
PAAL0009	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	08/21/68-06/03/75	6	18	
PAAL0012	No	00955	SILICA, DISSOLVED (MG/L AS SI02)	12/06/66-01/07/97	30	143	T,S
PAAL0009	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/22/74-10/22/74	0	2	
PAAL0011	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/22/92-04/30/96	3	14	
PAAL0012	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/19/75-01/07/97	21	70	
PAAL0015	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	12/09/91-06/01/92	0	3	
PAAL0018	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/62-04/01/68	5	12	
PAAL0019	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/26/86-06/26/86	0	1	
PAAL0020	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	12/09/91-06/01/92	0	2	
PAAL0021	No	01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/26/86-06/26/86	0	1	
PAAL0012	No	01001	ARSENIC, SUSPENDED (UG/L AS AS)	02/14/78-08/19/82	4	14	
PAAL0009	No	01002	ARSENIC, TOTAL (UG/L AS AS)	10/22/74-10/22/74	0	1	
PAAL0012	No	01002	ARSENIC, TOTAL (UG/L AS AS)	02/19/75-08/19/82	7	22	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0014	No	01002	ARSENIC, TOTAL (UG/L AS AS)	04/08/81-04/08/81	0	1	
PAAL0015	No	01002	ARSENIC, TOTAL (UG/L AS AS)	08/12/92-08/12/92	0	1	
PAAL0011	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	10/22/92-04/30/96	3	16	
PAAL0014	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/08/81-04/08/81	0	1	
PAAL0015	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/09/91-08/12/92	0	4	
PAAL0020	No	01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/09/91-06/01/92	0	2	
PAAL0011	No	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	08/12/92-08/12/92	0	1	
PAAL0017	No	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	10/01/78-10/01/86	8	17	
PAAL0020	No	01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/22/92-07/25/94	1	4	
PAAL0012	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	04/12/77-01/07/97	19	83	
PAAL0015	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	03/09/92-06/01/92	0	2	
PAAL0018	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	10/01/62-04/01/68	5	10	
PAAL0019	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/26/86-06/26/86	0	1	
PAAL0020	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/01/92-06/01/92	0	1	
PAAL0021	No	01005	BARIUM, DISSOLVED (UG/L AS BA)	06/26/86-06/26/86	0	1	
PAAL0012	No	01006	BARIUM, SUSPENDED (UG/L AS BA)	02/14/78-05/26/82	4	14	
PAAL0005	No	01007	BARIUM, TOTAL (UG/L AS BA)	06/01/74-06/01/74	0	1	
PAAL0006	No	01007	BARIUM, TOTAL (UG/L AS BA)	06/01/74-06/01/74	0	1	
PAAL0012	No	01007	BARIUM, TOTAL (UG/L AS BA)	08/16/77-08/19/82	5	16	
PAAL0011	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	10/22/92-04/30/96	3	11	
PAAL0015	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	12/09/91-06/01/92	0	3	
PAAL0020	No	01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	12/09/91-06/01/92	0	2	
PAAL0011	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	01/14/93-01/14/93	0	1	
PAAL0012	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	11/04/82-01/07/97	14	48	
PAAL0018	No	01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/01/62-07/01/67	4	9	
PAAL0014	No	01012	BERYLLIUM, TOTAL (UG/L AS BE)	04/08/81-04/08/81	0	1	
PAAL0011	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	01/14/93-01/14/93	0	1	
PAAL0014	No	01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	04/08/81-04/08/81	0	1	
PAAL0001	No	01020	BORON, DISSOLVED (UG/L AS B)	09/09/69-09/09/69	0	1	
PAAL0009	No	01020	BORON, DISSOLVED (UG/L AS B)	09/09/69-10/06/70	1	3	
PAAL0012	No	01020	BORON, DISSOLVED (UG/L AS B)	02/19/75-01/07/97	21	16	
PAAL0018	No	01020	BORON, DISSOLVED (UG/L AS B)	10/01/62-04/01/68	5	11	
PAAL0019	No	01020	BORON, DISSOLVED (UG/L AS B)	06/26/86-06/26/86	0	1	
PAAL0021	No	01020	BORON, DISSOLVED (UG/L AS B)	06/26/86-06/26/86	0	1	
PAAL0003	No	01022	BORON, TOTAL (UG/L AS B)	06/01/74-06/01/74	0	1	
PAAL0005	No	01022	BORON, TOTAL (UG/L AS B)	06/01/74-06/01/74	0	1	
PAAL0006	No	01022	BORON, TOTAL (UG/L AS B)	06/01/74-06/01/74	0	1	
PAAL0008	No	01022	BORON, TOTAL (UG/L AS B)	06/01/74-06/01/74	0	1	
PAAL0009	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/22/74-10/22/74	0	2	
PAAL0011	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/22/92-04/30/96	3	14	
PAAL0012	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/19/75-01/07/97	21	70	
PAAL0015	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	12/09/91-06/01/92	0	3	
PAAL0018	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/01/62-02/01/71	8	13	
PAAL0019	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/26/86-06/26/86	0	1	
PAAL0020	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	12/09/91-06/01/92	0	2	
PAAL0021	No	01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/26/86-06/26/86	0	1	
PAAL0012	No	01026	CADMIUM, SUSPENDED (UG/L AS CD)	02/14/78-01/24/80	1	6	
PAAL0009	No	01027	CADMIUM, TOTAL (UG/L AS CD)	10/22/74-10/22/74	0	1	
PAAL0012	No	01027	CADMIUM, TOTAL (UG/L AS CD)	02/19/75-08/19/82	7	22	
PAAL0014	No	01027	CADMIUM, TOTAL (UG/L AS CD)	04/08/81-04/08/81	0	1	
PAAL0015	No	01027	CADMIUM, TOTAL (UG/L AS CD)	08/12/92-08/12/92	0	1	
PAAL0011	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/22/92-04/30/96	3	16	
PAAL0014	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/81-04/08/81	0	1	
PAAL0015	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/09/91-08/12/92	0	4	
PAAL0020	No	01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/09/91-06/01/92	0	2	
PAAL0011	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/22/92-04/30/96	3	16	
PAAL0014	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/81-04/08/81	0	1	
PAAL0015	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/09/91-08/12/92	0	4	
PAAL0020	No	01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/09/91-06/01/92	0	2	
PAAL0009	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/22/74-10/22/74	0	2	
PAAL0011	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/22/92-04/30/96	3	14	
PAAL0012	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/19/75-01/07/97	21	70	
PAAL0015	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	12/09/91-06/01/92	0	3	
PAAL0018	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/01/62-02/01/71	8	10	
PAAL0019	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/26/86-06/26/86	0	1	
PAAL0020	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	12/09/91-06/01/92	0	2	
PAAL0021	No	01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/26/86-06/26/86	0	1	
PAAL0012	No	01031	CHROMIUM, SUSPEND (UG/L AS CR)	02/14/78-05/26/82	4	14	
PAAL0005	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	06/01/74-06/01/74	0	1	
PAAL0006	No	01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	06/01/74-06/01/74	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0009	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	10/22/74-10/22/74	0	1	
PAAL0012	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	02/19/75-08/19/82	7	22	
PAAL0014	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	04/08/81-04/08/81	0	1	
PAAL0015	No	01034	CHROMIUM, TOTAL (UG/L AS CR)	08/12/92-08/12/92	0	1	
PAAL0009	No	01035	COBALT, DISSOLVED (UG/L AS CO)	10/22/74-10/22/74	0	2	
PAAL0012	No	01035	COBALT, DISSOLVED (UG/L AS CO)	02/19/75-01/07/97	21	88	
PAAL0018	No	01035	COBALT, DISSOLVED (UG/L AS CO)	10/01/62-04/01/68	5	12	
PAAL0012	No	01036	COBALT, SUSPENDED (UG/L AS CO)	02/14/78-01/24/80	1	6	
PAAL0009	No	01037	COBALT, TOTAL (UG/L AS CO)	10/22/74-10/22/74	0	1	
PAAL0012	No	01037	COBALT, TOTAL (UG/L AS CO)	02/19/75-08/19/82	7	22	
PAAL0009	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/22/74-10/22/74	0	2	
PAAL0011	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/22/92-04/30/96	3	14	
PAAL0012	No	01040	COPPER, DISSOLVED (UG/L AS CU)	02/19/75-01/07/97	21	70	
PAAL0015	No	01040	COPPER, DISSOLVED (UG/L AS CU)	12/09/91-06/01/92	0	3	
PAAL0018	No	01040	COPPER, DISSOLVED (UG/L AS CU)	10/01/62-02/01/71	8	13	
PAAL0019	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/26/86-06/26/86	0	1	
PAAL0020	No	01040	COPPER, DISSOLVED (UG/L AS CU)	12/09/91-06/01/92	0	2	
PAAL0021	No	01040	COPPER, DISSOLVED (UG/L AS CU)	06/26/86-06/26/86	0	1	
PAAL0012	No	01041	COPPER, SUSPENDED (UG/L AS CU)	02/14/78-08/19/82	4	15	
PAAL0005	No	01042	COPPER, TOTAL (UG/L AS CU)	06/01/74-06/01/74	0	1	
PAAL0006	No	01042	COPPER, TOTAL (UG/L AS CU)	06/01/74-06/01/74	0	1	
PAAL0009	No	01042	COPPER, TOTAL (UG/L AS CU)	10/22/74-10/22/74	0	1	
PAAL0012	No	01042	COPPER, TOTAL (UG/L AS CU)	02/19/75-08/19/82	7	22	
PAAL0014	No	01042	COPPER, TOTAL (UG/L AS CU)	04/08/81-04/08/81	0	1	
PAAL0015	No	01042	COPPER, TOTAL (UG/L AS CU)	08/12/92-08/12/92	0	1	
PAAL0011	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/22/92-04/30/96	3	16	
PAAL0014	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/08/81-04/08/81	0	1	
PAAL0015	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/09/91-08/12/92	0	4	
PAAL0020	No	01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/09/91-06/01/92	0	2	
PAAL0012	No	01044	IRON, SUSPENDED (UG/L AS FE)	08/15/78-05/26/82	3	7	
PAAL0009	No	01045	IRON, TOTAL (UG/L AS FE)	10/22/74-10/22/74	0	1	
PAAL0012	No	01045	IRON, TOTAL (UG/L AS FE)	02/19/75-08/19/82	7	22	
PAAL0018	No	01045	IRON, TOTAL (UG/L AS FE)	10/01/62-02/01/71	8	13	
PAAL0009	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/22/74-10/22/74	0	2	
PAAL0011	No	01046	IRON, DISSOLVED (UG/L AS FE)	10/22/92-07/25/94	1	4	
PAAL0012	No	01046	IRON, DISSOLVED (UG/L AS FE)	02/19/75-01/07/97	21	88	
PAAL0015	No	01046	IRON, DISSOLVED (UG/L AS FE)	03/09/92-06/01/92	0	2	
PAAL0020	No	01046	IRON, DISSOLVED (UG/L AS FE)	06/01/92-06/01/92	0	1	
PAAL0009	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/22/74-10/22/74	0	2	
PAAL0011	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/22/92-04/30/96	3	14	
PAAL0012	No	01049	LEAD, DISSOLVED (UG/L AS PB)	02/19/75-01/07/97	21	70	
PAAL0015	No	01049	LEAD, DISSOLVED (UG/L AS PB)	12/09/91-06/01/92	0	3	
PAAL0018	No	01049	LEAD, DISSOLVED (UG/L AS PB)	10/01/62-02/01/71	8	13	
PAAL0019	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/26/86-06/26/86	0	1	
PAAL0020	No	01049	LEAD, DISSOLVED (UG/L AS PB)	12/09/91-06/01/92	0	2	
PAAL0021	No	01049	LEAD, DISSOLVED (UG/L AS PB)	06/26/86-06/26/86	0	1	
PAAL0012	No	01050	LEAD, SUSPENDED (UG/L AS PB)	02/14/78-05/26/82	4	14	
PAAL0009	No	01051	LEAD, TOTAL (UG/L AS PB)	10/22/74-10/22/74	0	1	
PAAL0012	No	01051	LEAD, TOTAL (UG/L AS PB)	02/19/75-08/19/82	7	22	
PAAL0014	No	01051	LEAD, TOTAL (UG/L AS PB)	04/08/81-04/08/81	0	1	
PAAL0015	No	01051	LEAD, TOTAL (UG/L AS PB)	08/12/92-08/12/92	0	1	
PAAL0011	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/22/92-04/30/96	3	16	
PAAL0014	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/08/81-04/08/81	0	1	
PAAL0015	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/09/91-08/12/92	0	4	
PAAL0020	No	01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/09/91-06/01/92	0	2	
PAAL0011	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	10/22/92-04/30/96	3	15	
PAAL0015	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	12/09/91-08/12/92	0	4	
PAAL0020	No	01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	12/09/91-06/01/92	0	2	
PAAL0012	No	01054	MANGANESE, SUSPENDED (UG/L AS MN)	02/14/78-08/19/82	4	11	
PAAL0005	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/01/74-06/01/74	0	1	
PAAL0006	No	01055	MANGANESE, TOTAL (UG/L AS MN)	06/01/74-06/01/74	0	1	
PAAL0009	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/22/74-10/22/74	0	1	
PAAL0012	No	01055	MANGANESE, TOTAL (UG/L AS MN)	02/19/75-08/19/82	7	22	
PAAL0018	No	01055	MANGANESE, TOTAL (UG/L AS MN)	10/01/62-02/01/71	8	13	
PAAL0009	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/22/74-10/22/74	0	2	
PAAL0011	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/22/92-07/25/94	1	4	
PAAL0012	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/19/75-01/07/97	21	88	
PAAL0015	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/09/92-06/01/92	0	2	
PAAL0020	No	01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/01/92-06/01/92	0	1	
PAAL0011	No	01057	THALLIUM, DISSOLVED (UG/L AS TL)	01/14/93-01/14/93	0	1	
PAAL0014	No	01059	THALLIUM, TOTAL (UG/L AS TL)	04/08/81-04/08/81	0	1	
PAAL0011	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/22/92-07/25/94	1	4	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0012	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/04/82-01/07/97	14	66	
PAAL0015	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	03/09/92-06/01/92	0	2	
PAAL0018	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/01/62-04/01/68	5	12	
PAAL0019	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/26/86-06/26/86	0	1	
PAAL0020	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/01/92-06/01/92	0	1	
PAAL0021	No	01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/26/86-06/26/86	0	1	
PAAL0009	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/22/74-10/22/74	0	2	
PAAL0011	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/22/92-04/30/96	3	14	
PAAL0012	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	02/19/75-01/07/97	21	82	
PAAL0015	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	12/09/91-06/01/92	0	3	
PAAL0018	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	10/01/62-02/01/71	8	13	
PAAL0019	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	06/26/86-06/26/86	0	1	
PAAL0020	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	12/09/91-06/01/92	0	2	
PAAL0021	No	01065	NICKEL, DISSOLVED (UG/L AS NI)	06/26/86-06/26/86	0	1	
PAAL0012	No	01066	NICKEL, SUSPENDED (UG/L AS NI)	10/17/79-08/19/82	2	10	
PAAL0005	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/01/74-06/01/74	0	1	
PAAL0006	No	01067	NICKEL, TOTAL (UG/L AS NI)	06/01/74-06/01/74	0	1	
PAAL0012	No	01067	NICKEL, TOTAL (UG/L AS NI)	10/17/79-08/19/82	2	11	
PAAL0014	No	01067	NICKEL, TOTAL (UG/L AS NI)	04/08/81-04/08/81	0	1	
PAAL0015	No	01067	NICKEL, TOTAL (UG/L AS NI)	08/12/92-08/12/92	0	1	
PAAL0011	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/22/92-04/30/96	3	16	
PAAL0014	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/81-04/08/81	0	1	
PAAL0015	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/09/91-08/12/92	0	4	
PAAL0020	No	01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/09/91-06/01/92	0	2	
PAAL0011	No	01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	01/15/93-01/15/93	0	1	
PAAL0018	No	01070	PHOSPHORUS, TOTAL, SPECTROGRAPH METH (UG/L AS P)	10/01/62-07/01/67	4	9	
PAAL0011	No	01073	THALLIUM,TISSUE,WET WEIGHT,MG/KG	01/15/93-01/15/93	0	1	
PAAL0011	No	01075	SILVER, DISSOLVED (UG/L AS AG)	01/14/93-04/30/96	3	13	
PAAL0012	No	01075	SILVER, DISSOLVED (UG/L AS AG)	04/12/77-01/07/97	19	83	
PAAL0015	No	01075	SILVER, DISSOLVED (UG/L AS AG)	12/09/91-06/01/92	0	3	
PAAL0018	No	01075	SILVER, DISSOLVED (UG/L AS AG)	10/01/62-04/01/68	5	12	
PAAL0019	No	01075	SILVER, DISSOLVED (UG/L AS AG)	06/26/86-06/26/86	0	1	
PAAL0020	No	01075	SILVER, DISSOLVED (UG/L AS AG)	12/09/91-06/01/92	0	2	
PAAL0021	No	01075	SILVER, DISSOLVED (UG/L AS AG)	06/26/86-06/26/86	0	1	
PAAL0012	No	01076	SILVER, SUSPENDED (UG/L AS AG)	02/14/78-08/19/81	3	11	
PAAL0005	No	01077	SILVER, TOTAL (UG/L AS AG)	06/01/74-06/01/74	0	1	
PAAL0006	No	01077	SILVER, TOTAL (UG/L AS AG)	06/01/74-06/01/74	0	1	
PAAL0012	No	01077	SILVER, TOTAL (UG/L AS AG)	08/16/77-08/19/82	5	17	
PAAL0014	No	01077	SILVER, TOTAL (UG/L AS AG)	04/08/81-04/08/81	0	1	
PAAL0015	No	01077	SILVER, TOTAL (UG/L AS AG)	08/12/92-08/12/92	0	1	
PAAL0011	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	10/22/92-04/30/96	3	16	
PAAL0014	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/08/81-04/08/81	0	1	
PAAL0015	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	12/09/91-08/12/92	0	4	
PAAL0020	No	01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	12/09/91-06/01/92	0	2	
PAAL0009	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/22/74-10/22/74	0	2	
PAAL0012	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/19/75-01/07/97	21	71	
PAAL0018	No	01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/01/62-04/01/68	5	10	
PAAL0012	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	11/04/82-01/07/97	14	66	
PAAL0018	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	10/01/62-04/01/68	5	12	
PAAL0019	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	06/26/86-06/26/86	0	1	
PAAL0021	No	01085	VANADIUM, DISSOLVED (UG/L AS V)	06/26/86-06/26/86	0	1	
PAAL0009	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/22/74-10/22/74	0	2	
PAAL0011	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/22/92-04/30/96	3	14	
PAAL0012	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	02/19/75-01/07/97	21	70	
PAAL0015	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	12/09/91-06/01/92	0	3	
PAAL0018	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	10/01/62-02/01/71	8	13	
PAAL0019	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/26/86-06/26/86	0	1	
PAAL0020	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	12/09/91-06/01/92	0	2	
PAAL0021	No	01090	ZINC, DISSOLVED (UG/L AS ZN)	06/26/86-06/26/86	0	1	
PAAL0012	No	01091	ZINC, SUSPENDED (UG/L ZN)	02/14/78-08/19/82	4	10	
PAAL0005	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/01/74-06/01/74	0	1	
PAAL0006	No	01092	ZINC, TOTAL (UG/L AS ZN)	06/01/74-06/01/74	0	1	
PAAL0009	No	01092	ZINC, TOTAL (UG/L AS ZN)	10/22/74-10/22/74	0	1	
PAAL0012	No	01092	ZINC, TOTAL (UG/L AS ZN)	02/19/75-08/19/82	7	22	
PAAL0014	No	01092	ZINC, TOTAL (UG/L AS ZN)	04/08/81-04/08/81	0	1	
PAAL0015	No	01092	ZINC, TOTAL (UG/L AS ZN)	08/12/92-08/12/92	0	1	
PAAL0011	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/22/92-04/30/96	3	16	
PAAL0014	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/08/81-04/08/81	0	1	
PAAL0015	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/09/91-08/12/92	0	4	
PAAL0020	No	01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/09/91-06/01/92	0	2	
PAAL0011	No	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	01/14/93-01/14/93	0	1	
PAAL0012	No	01095	ANTIMONY, DISSOLVED (UG/L AS SB)	03/19/96-01/07/97	0	11	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0014	No	01097	ANTIMONY, TOTAL (UG/L AS SB)	04/08/81-04/08/81	0	1	
PAAL0014	No	01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	04/08/81-04/08/81	0	1	
PAAL0018	No	01105	ALUMINUM, TOTAL (UG/L AS AL)	04/01/63-07/01/67	4	8	
PAAL0009	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/22/74-10/22/74	0	2	
PAAL0011	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/22/92-04/30/96	3	14	
PAAL0012	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/19/75-01/07/97	21	71	
PAAL0015	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/09/92-06/01/92	0	2	
PAAL0020	No	01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/01/92-06/01/92	0	1	
PAAL0011	No	01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	01/14/93-04/30/96	3	9	
PAAL0009	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/22/74-10/22/74	0	2	
PAAL0012	No	01130	LITHIUM, DISSOLVED (UG/L AS LI)	02/19/75-01/07/97	21	71	
PAAL0011	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/22/92-04/30/96	3	14	
PAAL0012	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	02/19/75-01/07/97	21	88	
PAAL0015	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	12/09/91-06/01/92	0	3	
PAAL0018	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/01/62-04/01/63	0	2	
PAAL0019	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/26/86-06/26/86	0	1	
PAAL0020	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	12/09/91-06/01/92	0	2	
PAAL0021	No	01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/26/86-06/26/86	0	1	
PAAL0012	No	01146	SELENIUM, SUSPENDED (UG/L AS SE)	02/14/78-08/19/81	3	11	
PAAL0005	No	01147	SELENIUM, TOTAL (UG/L AS SE)	06/01/74-06/01/74	0	1	
PAAL0006	No	01147	SELENIUM, TOTAL (UG/L AS SE)	06/01/74-06/01/74	0	1	
PAAL0011	No	01147	SELENIUM, TOTAL (UG/L AS SE)	04/30/96-04/30/96	0	1	
PAAL0012	No	01147	SELENIUM, TOTAL (UG/L AS SE)	02/19/75-08/19/82	7	22	
PAAL0014	No	01147	SELENIUM, TOTAL (UG/L AS SE)	04/08/81-04/08/81	0	1	
PAAL0015	No	01147	SELENIUM, TOTAL (UG/L AS SE)	08/12/92-08/12/92	0	1	
PAAL0011	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	10/22/92-04/30/96	3	16	
PAAL0014	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	04/08/81-04/08/81	0	1	
PAAL0015	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	12/09/91-08/12/92	0	4	
PAAL0020	No	01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	12/09/91-06/01/92	0	2	
PAAL0011	No	01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	08/12/92-08/12/92	0	1	
PAAL0017	No	01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	10/01/78-10/01/86	8	17	
PAAL0020	No	01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	10/18/94-10/18/94	0	1	
PAAL0012	No	01305	DETERGENT SUDS (SEVERITY)	05/02/96-11/13/96	0	3	
PAAL0012	No	01320	GARBAGE, FLOATING (SEVERITY)	05/28/96-06/11/96	0	2	
PAAL0012	No	01325	ALGAE, FLOATING MATS (SEVERITY)	07/23/96-07/23/96	0	1	
PAAL0012	No	01330	ODOR, ATMOSPHERIC (SEVERITY)	10/17/95-06/11/96	0	4	
PAAL0012	No	01345	DEBRIS, FLOATING (SEVERITY)	05/02/96-06/11/96	0	2	
PAAL0011	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	01/18/83-07/29/96	13	39	
PAAL0015	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	09/07/82-12/08/92	10	71	
PAAL0020	No	01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE	12/09/91-07/25/94	2	12	
PAAL0018	No	01501	ALPHA, TOTAL	10/26/59-10/05/70	10	62	
PAAL0018	No	01502	ALPHA, TOTAL, COUNTING ERROR	11/28/61-10/05/70	8	37	
PAAL0018	No	01503	ALPHA, DISSOLVED	10/26/59-10/05/70	10	62	
PAAL0018	No	01504	ALPHA, DISSOLVED, COUNTING ERROR	11/28/61-10/05/70	8	37	
PAAL0018	No	01505	ALPHA, SUSPENDED	10/26/59-10/05/70	10	62	
PAAL0018	No	01506	ALPHA, SUSPENDED, COUNTING ERROR	11/28/61-10/05/70	8	37	
PAAL0018	No	03501	BETA, TOTAL	10/19/59-10/05/70	10	121	
PAAL0018	No	03502	BETA, TOTAL, COUNTING ERROR	10/04/61-10/05/70	9	73	
PAAL0018	No	03503	BETA, DISSOLVED	10/19/59-10/05/70	10	121	
PAAL0018	No	03504	BETA, DISSOLVED, COUNTING ERROR	10/04/61-10/05/70	9	73	
PAAL0018	No	03505	BETA, SUSPENDED	10/19/59-10/05/70	10	121	
PAAL0018	No	03506	BETA, SUSPENDED, COUNTING ERROR	10/04/61-10/05/70	9	73	
PAAL0012	No	04024	PROPACHLOR,DISSOLVED,WATER,TOTAL RECOVERABLE UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/19/96-01/07/97	0	11	
PAAL0019	No	09510	RADIUM 226, DISSOLVED, PLANCHET COUNT	06/26/86-06/26/86	0	1	
PAAL0021	No	09510	RADIUM 226, DISSOLVED, PLANCHET COUNT	06/26/86-06/26/86	0	1	
PAAL0018	No	13501	STRONTIUM 90, TOTAL	10/01/59-01/01/65	5	14	
PAAL0018	No	13502	STRONTIUM 90, TOTAL, COUNTING ERROR	01/01/65-01/01/65	0	1	
PAAL0012	No	22703	URANIUM, NATURAL, DISSOLVED	03/19/96-01/07/97	0	11	
PAAL0019	No	22703	URANIUM, NATURAL, DISSOLVED	06/26/86-06/26/86	0	1	
PAAL0021	No	22703	URANIUM, NATURAL, DISSOLVED	06/26/86-06/26/86	0	1	
PAAL0012	No	29801	ALKALINITY,WATR,DISS.,FIX END PT,LAB,AS CACO3,MG/L	03/19/96-01/07/97	0	11	
PAAL0011	No	30191	DINOSEB, WATER, WHOLE, RECOVERABLE UG/L	01/14/93-01/14/93	0	1	
PAAL0011	No	30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE, UG/L	10/22/92-01/29/96	3	13	
PAAL0015	No	30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE, UG/L	12/09/91-08/12/92	0	4	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0020	No	30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE, UG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE, UG/L	10/22/92-01/29/96	3	13	
PAAL0015	No	30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE, UG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE, UG/L	12/09/91-06/01/92	0	2	
PAAL0009	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/26/72-06/03/75	2	6	
PAAL0011	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/29/79-01/27/84	4	8	
PAAL0012	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/12/74-08/15/78	3	29	
PAAL0015	No	31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/29/79-12/29/83	4	8	
PAAL0018	No	31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/09/60-05/22/72	11	461	A
PAAL0011	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/23/76-04/23/76	0	1	
PAAL0015	No	31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/72-04/23/76	3	6	
PAAL0009	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/26/72-06/03/75	2	6	
PAAL0011	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-07/29/96	21	71	
PAAL0012	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/12/74-02/14/90	15	15	
PAAL0015	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	18	138	A
PAAL0020	No	31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/09/91-07/25/94	2	9	
PAAL0015	No	31619	FECAL COLIFORM,MPN,BORIC ACID LACTOSE BR,43C,48HR	05/15/72-03/07/73	0	5	
PAAL0012	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/16/76-08/30/95	18	109	T
PAAL0015	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/22/81-12/02/81	0	2	
PAAL0016	No	31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/10/77-12/02/81	4	54	
PAAL0011	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/26/90-04/26/90	0	1	
PAAL0012	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/16/76-08/30/95	18	108	T
PAAL0016	No	31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/16/81-09/16/81	0	1	
PAAL0009	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/26/72-06/03/75	2	6	
PAAL0012	No	31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/12/74-06/22/76	1	14	
PAAL0018	No	32001	SAMPLE SIZE (GALLONS)	01/25/61-10/11/65	4	42	
PAAL0018	No	32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	01/25/61-10/11/65	4	41	
PAAL0018	No	32004	CARBON ALCOHOL EXTRACTABLES	01/25/61-10/11/65	4	41	
PAAL0018	No	32005	CARBON CHLOROFORM EXTRACTABLES	01/25/61-10/11/65	4	41	
PAAL0018	No	32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	01/25/61-10/01/63	2	14	
PAAL0018	No	32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	01/25/61-10/01/63	2	14	
PAAL0018	No	32023	ACIDS, STRONG	01/25/61-10/01/63	2	14	
PAAL0018	No	32024	ACIDS, WEAK	01/25/61-10/01/63	2	14	
PAAL0018	No	32025	BASES	01/25/61-10/01/63	2	14	
PAAL0018	No	32026	NEUTRALS, TOTAL	01/25/61-10/01/63	2	14	
PAAL0018	No	32027	ALIPHATICS FRACTION OF NEUTRALS	01/25/61-10/01/63	2	14	
PAAL0018	No	32028	AROMATICS FRACTION OF NEUTRALS	01/25/61-10/01/63	2	14	
PAAL0018	No	32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	01/25/61-10/01/63	2	14	
PAAL0011	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	10/22/92-01/29/96	3	14	
PAAL0014	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	10/22/92-01/29/96	3	14	
PAAL0014	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	01/14/93-01/14/93	0	1	
PAAL0014	No	32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	04/08/81-04/08/81	0	1	
PAAL0011	No	32104	BROMOFORM,WHOLE WATER,UG/L	10/22/92-01/29/96	3	14	
PAAL0014	No	32104	BROMOFORM,WHOLE WATER,UG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	32104	BROMOFORM,WHOLE WATER,UG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	32104	BROMOFORM,WHOLE WATER,UG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	01/14/93-01/14/93	0	1	
PAAL0014	No	32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/08/81-04/08/81	0	1	
PAAL0011	No	32106	CHLOROFORM,WHOLE WATER,UG/L	10/22/92-01/29/96	3	14	
PAAL0014	No	32106	CHLOROFORM,WHOLE WATER,UG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	32106	CHLOROFORM,WHOLE WATER,UG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	32106	CHLOROFORM,WHOLE WATER,UG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/03/74-07/29/96	21	23	
PAAL0015	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/02/72-06/01/92	20	102	
PAAL0020	No	32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/09/91-07/25/94	2	10	
PAAL0011	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/22/92-07/29/96	3	16	
PAAL0015	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/30/76-06/01/92	15	81	
PAAL0020	No	32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/09/91-07/25/94	2	9	
PAAL0009	No	32230	CHLOROPHYLL A (MG/L)	10/22/74-06/03/75	0	2	
PAAL0009	No	32231	CHLOROPHYLL B (MG/L)	10/22/74-06/03/75	0	2	
PAAL0009	No	32232	CHLOROPHYLL C (MG/L)	10/22/74-06/03/75	0	2	
PAAL0009	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/26/72-06/03/75	2	12	
PAAL0012	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	12/06/66-09/28/67	0	3	
PAAL0014	No	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/08/81-04/08/81	0	1	
PAAL0014	No	32731	PHENOLICS IN BOTTOM DEPOSITS (MG/KG DRY WGT)	04/08/81-04/08/81	0	1	
PAAL0011	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	10/22/92-01/29/96	3	14	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0014	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/08/81-04/08/81	0	1	
PAAL0015	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/09/91-08/12/92	0	4	
PAAL0020	No	34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/09/91-06/01/92	0	2	
PAAL0011	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	10/22/92-01/29/96	3	14	
PAAL0014	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/08/81-04/08/81	0	1	
PAAL0015	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/09/91-08/12/92	0	4	
PAAL0020	No	34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/09/91-06/01/92	0	2	
PAAL0011	No	34200	ACENAPHTHYLENE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34200	ACENAPHTHYLENE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34200	ACENAPHTHYLENE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34200	ACENAPHTHYLENE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34204	ACENAPHTHYLENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34204	ACENAPHTHYLENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34204	ACENAPHTHYLENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34205	ACENAPHTHENE TOTWUG/L	10/22/92-01/29/96	3	12	
PAAL0014	No	34205	ACENAPHTHENE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34205	ACENAPHTHENE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34205	ACENAPHTHENE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34208	ACENAPHTHENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34209	ACENAPHTHENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34209	ACENAPHTHENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34209	ACENAPHTHENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0014	No	34210	ACROLEIN TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0014	No	34213	ACROLEIN DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0011	No	34215	ACRYLONITRILE TOTWUG/L	10/22/92-01/29/96	3	14	
PAAL0014	No	34215	ACRYLONITRILE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34215	ACRYLONITRILE TOTWUG/L	06/01/92-08/12/92	0	2	
PAAL0020	No	34215	ACRYLONITRILE TOTWUG/L	06/01/92-06/01/92	0	1	
PAAL0011	No	34218	ACRYLONITRILE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	12	
PAAL0014	No	34218	ACRYLONITRILE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34218	ACRYLONITRILE DRY WGTBOTUG/KG	06/01/92-06/01/92	0	1	
PAAL0020	No	34218	ACRYLONITRILE DRY WGTBOTUG/KG	06/01/92-06/01/92	0	1	
PAAL0011	No	34219	ACRYLONITRILE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0011	No	34220	ANTHRACENE TOTWUG/L	10/22/92-01/29/96	3	12	
PAAL0014	No	34220	ANTHRACENE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34220	ANTHRACENE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34220	ANTHRACENE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34223	ANTHRACENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	13	
PAAL0015	No	34223	ANTHRACENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34223	ANTHRACENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34224	ANTHRACENE WET WGTTISMG/KG	06/09/94-06/09/94	0	1	
PAAL0015	No	34224	ANTHRACENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34224	ANTHRACENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34237	BENZENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	12	
PAAL0014	No	34237	BENZENE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34237	BENZENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34237	BENZENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34238	BENZENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34238	BENZENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34238	BENZENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34241	BENZIDINE WET WGTTISMG/KG	01/15/93-01/15/93	0	1	
PAAL0011	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	12/09/91-08/12/92	0	4	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0020	No	34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34247	BENZO-A-PYRENE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34247	BENZO-A-PYRENE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34247	BENZO-A-PYRENE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34247	BENZO-A-PYRENE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34251	BENZO-A-PYRENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34251	BENZO-A-PYRENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34251	BENZO-A-PYRENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34252	BERYLLIUM WET WGTTISMG/KG	01/15/93-01/15/93	0	1	
PAAL0012	No	34253	A-BHC-ALPHA DISSUG/L	03/19/96-01/07/97	0	11	
PAAL0011	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	01/14/93-01/14/93	0	1	
PAAL0014	No	34257	B-BHC-BETA DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0011	No	34258	B-BHC-BETA WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34258	B-BHC-BETA WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34258	B-BHC-BETA WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	06/01/92-08/12/92	0	2	
PAAL0020	No	34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	06/01/92-06/01/92	0	1	
PAAL0011	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	01/14/93-01/14/93	0	1	
PAAL0014	No	34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0011	No	34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	07/08/93-02/01/95	1	3	
PAAL0014	No	34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0011	No	34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	07/08/93-07/08/93	0	1	
PAAL0014	No	34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0011	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	08/12/92-08/12/92	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0011	No	34290	BROMOFORM DRY WGTBOTUG/KG	10/22/92-01/29/96	3	12	
PAAL0014	No	34290	BROMOFORM DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34290	BROMOFORM DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34290	BROMOFORM DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34291	BROMOFORM WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34291	BROMOFORM WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34291	BROMOFORM WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34296	N-BUTYL BENZYL PHTHALATE,TISSUE,WET WGT,MG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34296	N-BUTYL BENZYL PHTHALATE,TISSUE,WET WGT,MG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34296	N-BUTYL BENZYL PHTHALATE,TISSUE,WET WGT,MG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	12	
PAAL0014	No	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34300	CARBON TETRACHLORIDE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34300	CARBON TETRACHLORIDE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34300	CARBON TETRACHLORIDE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34301	CHLOROBENZENE TOTWUG/L	10/22/92-01/29/96	3	14	
PAAL0014	No	34301	CHLOROBENZENE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34301	CHLOROBENZENE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34301	CHLOROBENZENE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34304	CHLOROBENZENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	12	
PAAL0014	No	34304	CHLOROBENZENE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34304	CHLOROBENZENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34304	CHLOROBENZENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34305	CHLOROBENZENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34305	CHLOROBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34305	CHLOROBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34306	CHLORODIBROMOMETHANE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0015	No	34306	CHLORODIBROMOMETHANE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34306	CHLORODIBROMOMETHANE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	12	
PAAL0014	No	34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34310	CHLORODIBROMOMETHANE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34310	CHLORODIBROMOMETHANE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34310	CHLORODIBROMOMETHANE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34311	CHLOROETHANE TOTWUG/L	10/22/92-01/29/96	3	14	
PAAL0014	No	34311	CHLOROETHANE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34311	CHLOROETHANE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34311	CHLOROETHANE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34314	CHLOROETHANE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	12	
PAAL0014	No	34314	CHLOROETHANE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34314	CHLOROETHANE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34314	CHLOROETHANE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34315	CHLOROETHANE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34315	CHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34315	CHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34318	CHLOROFORM DRY WGTBOTUG/KG	10/22/92-01/29/96	3	12	
PAAL0014	No	34318	CHLOROFORM DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34318	CHLOROFORM DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34318	CHLOROFORM DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34319	CHLOROFORM WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34319	CHLOROFORM WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34319	CHLOROFORM WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34320	CHRYSENE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34320	CHRYSENE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34320	CHRYSENE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34320	CHRYSENE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34323	CHRYSENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34323	CHRYSENE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34323	CHRYSENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34323	CHRYSENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0011	No	34324	CHRYSENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34324	CHRYSENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34324	CHRYSENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34326	CYANIDE WET WGTTISMG/KG	01/15/93-01/15/93	0	1	
PAAL0011	No	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	12	
PAAL0014	No	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34331	DICHLOROBROMOMETHANE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34331	DICHLOROBROMOMETHANE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34331	DICHLOROBROMOMETHANE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	01/14/93-01/14/93	0	1	
PAAL0014	No	34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0011	No	34335	DICHLORODIFLUOROMETHANE WET WGTTISMG/KG	01/15/93-01/15/93	0	1	
PAAL0011	No	34336	DIETHYL PHTHALATE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34336	DIETHYL PHTHALATE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34336	DIETHYL PHTHALATE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34336	DIETHYL PHTHALATE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34340	DIETHYL PHTHALATE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34340	DIETHYL PHTHALATE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34340	DIETHYL PHTHALATE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34341	DIMETHYL PHTHALATE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34341	DIMETHYL PHTHALATE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34341	DIMETHYL PHTHALATE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34341	DIMETHYL PHTHALATE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	10/22/92-03/08/95	2	11	
PAAL0014	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	12/09/91-06/01/92	0	3	
PAAL0020	No	34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	10/22/92-03/08/95	2	12	
PAAL0014	No	34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	3	
PAAL0020	No	34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34350	1,2-DIPHENYLHYDRAZINE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0011	No	34351	ENDOSULFAN SULFATE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34351	ENDOSULFAN SULFATE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34351	ENDOSULFAN SULFATE TOTWUG/L	06/01/92-08/12/92	0	2	
PAAL0020	No	34351	ENDOSULFAN SULFATE TOTWUG/L	06/01/92-06/01/92	0	1	
PAAL0011	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	14	
PAAL0015	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34356	ENDOSULFAN, BETA TOTWUG/L	01/14/93-01/14/93	0	1	
PAAL0014	No	34356	ENDOSULFAN, BETA TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0011	No	34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	01/14/93-01/14/93	0	1	
PAAL0011	No	34360	ENDOSULFAN, BETA WET WGTTISMG/KG	01/15/93-01/15/93	0	1	
PAAL0011	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	01/14/93-01/14/93	0	1	
PAAL0014	No	34361	ENDOSULFAN, ALPHA TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0011	No	34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	01/14/93-01/14/93	0	1	
PAAL0011	No	34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	01/15/93-01/15/93	0	1	
PAAL0011	No	34366	ENDRIN ALDEHYDE TOTWUG/L	01/14/93-01/14/93	0	1	
PAAL0014	No	34366	ENDRIN ALDEHYDE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0011	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	01/14/93-01/14/93	0	1	
PAAL0014	No	34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0011	No	34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	01/15/93-01/15/93	0	1	
PAAL0011	No	34371	ETHYLBENZENE TOTWUG/L	10/22/92-01/29/96	3	14	
PAAL0014	No	34371	ETHYLBENZENE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34371	ETHYLBENZENE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34371	ETHYLBENZENE TOTWUG/L	12/09/91-06/01/92	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0011	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	12	
PAAL0014	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34374	ETHYLBENZENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34375	ETHYLBENZENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34375	ETHYLBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34375	ETHYLBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34376	FLUORANTHENE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34376	FLUORANTHENE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34376	FLUORANTHENE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34376	FLUORANTHENE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34379	FLUORANTHENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34380	FLUORANTHENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34380	FLUORANTHENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34380	FLUORANTHENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34381	FLUORENE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34381	FLUORENE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34381	FLUORENE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34381	FLUORENE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34384	FLUORENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34384	FLUORENE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34384	FLUORENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34384	FLUORENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34385	FLUORENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34385	FLUORENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34385	FLUORENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0015	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34391	HEXACHLOROBUTADIENE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34396	HEXACHLOROETHANE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34396	HEXACHLOROETHANE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34396	HEXACHLOROETHANE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34396	HEXACHLOROETHANE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34400	HEXACHLOROETHANE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34400	HEXACHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34400	HEXACHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34408	ISOPHORONE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0015	No	34408	ISOPHORONE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34408	ISOPHORONE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34411	ISOPHORONE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0014	No	34411	ISOPHORONE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34411	ISOPHORONE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34411	ISOPHORONE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34412	ISOPHORONE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34412	ISOPHORONE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34412	ISOPHORONE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34413	METHYL BROMIDE TOTWUG/L	01/14/93-01/14/93	0	1	
PAAL0014	No	34413	METHYL BROMIDE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0011	No	34416	METHYL BROMIDE DRY WGTBOTUG/KG	01/14/93-01/14/93	0	1	
PAAL0014	No	34416	METHYL BROMIDE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0011	No	34417	METHYL BROMIDE WET WGTTISMG/KG	01/15/93-01/15/93	0	1	
PAAL0011	No	34418	METHYL CHLORIDE TOTWUG/L	01/14/93-01/14/93	0	1	
PAAL0014	No	34418	METHYL CHLORIDE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0011	No	34421	METHYL CHLORIDE DRY WGTBOTUG/KG	01/14/93-01/14/93	0	1	
PAAL0014	No	34421	METHYL CHLORIDE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0011	No	34422	METHYL CHLORIDE WET WGTTISMG/KG	01/15/93-01/15/93	0	1	
PAAL0011	No	34423	METHYLENE CHLORIDE TOTWUG/L	10/22/92-01/29/96	3	14	
PAAL0014	No	34423	METHYLENE CHLORIDE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34423	METHYLENE CHLORIDE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34423	METHYLENE CHLORIDE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	12	
PAAL0014	No	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34427	METHYLENE CHLORIDE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34427	METHYLENE CHLORIDE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34427	METHYLENE CHLORIDE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34433	N-NITROSODIPHENYLAMINE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34438	N-NITROSODIMETHYLAMINE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	3	
PAAL0020	No	34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34442	N-NITROSODIMETHYLAMINE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0011	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34445	NAPHTHALENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34446	NAPHTHALENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34446	NAPHTHALENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34446	NAPHTHALENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34447	NITROBENZENE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34447	NITROBENZENE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34447	NITROBENZENE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34447	NITROBENZENE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34450	NITROBENZENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34450	NITROBENZENE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34450	NITROBENZENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0020	No	34450	NITROBENZENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34451	NITROBENZENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34451	NITROBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34451	NITROBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	10/22/92-03/08/95	2	6	
PAAL0014	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34452	PARACHLOROMETA CRESOL TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	10/22/92-03/08/95	2	7	
PAAL0014	No	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34456	PARACHLOROMETA CRESOL WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34456	PARACHLOROMETA CRESOL WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34456	PARACHLOROMETA CRESOL WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34461	PHENANTHRENE TOTWUG/L	10/22/92-01/29/96	3	12	
PAAL0014	No	34461	PHENANTHRENE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34461	PHENANTHRENE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34461	PHENANTHRENE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	13	
PAAL0015	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34464	PHENANTHRENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34465	PHENANTHRENE WET WGTTISMG/KG	06/09/94-06/09/94	0	1	
PAAL0015	No	34465	PHENANTHRENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34465	PHENANTHRENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34468	PHENOL WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34468	PHENOL WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34468	PHENOL WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34469	PYRENE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34469	PYRENE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34469	PYRENE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34469	PYRENE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34472	PYRENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34472	PYRENE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34472	PYRENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34472	PYRENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34473	PYRENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34473	PYRENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34473	PYRENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34474	SILVER WET WGTTISMG/KG	01/15/93-01/15/93	0	1	
PAAL0011	No	34475	TETRACHLOROETHYLENE TOTWUG/L	10/22/92-01/29/96	3	14	
PAAL0014	No	34475	TETRACHLOROETHYLENE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34475	TETRACHLOROETHYLENE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34475	TETRACHLOROETHYLENE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	12	
PAAL0014	No	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34479	TETRACHLOROETHYLENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34479	TETRACHLOROETHYLENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34479	TETRACHLOROETHYLENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34480	THALLIUM DRY WGTBOTMG/KG	01/14/93-01/14/93	0	1	
PAAL0014	No	34480	THALLIUM DRY WGTBOTMG/KG	04/08/81-04/08/81	0	1	
PAAL0011	No	34483	TOLUENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	12	
PAAL0014	No	34483	TOLUENE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34483	TOLUENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34483	TOLUENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34484	TOLUENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34484	TOLUENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34484	TOLUENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	12	
PAAL0014	No	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	01/14/93-01/14/93	0	1	
PAAL0014	No	34488	TRICHLOROFLUOROMETHANE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0011	No	34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	01/14/93-01/14/93	0	1	
PAAL0014	No	34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0011	No	34492	TRICHLOROFLUOROMETHANE WET WGTTISMG/KG	01/15/93-01/15/93	0	1	
PAAL0011	No	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	12	
PAAL0014	No	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0020	No	34495	VINYL CHLORIDE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34496	1,1-DICHLOROETHANE TOTWUG/L	10/22/92-01/29/96	3	14	
PAAL0014	No	34496	1,1-DICHLOROETHANE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34496	1,1-DICHLOROETHANE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34496	1,1-DICHLOROETHANE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	12	
PAAL0014	No	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34500	1,1-DICHLOROETHANE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34500	1,1-DICHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34500	1,1-DICHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	12/09/91-06/01/92	0	3	
PAAL0020	No	34501	1,1-DICHLOROETHYLENE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	12	
PAAL0014	No	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34505	1,1-DICHLOROETHYLENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34505	1,1-DICHLOROETHYLENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34505	1,1-DICHLOROETHYLENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	10/22/92-01/29/96	3	14	
PAAL0014	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34506	1,1,1-TRICHLOROETHANE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	12	
PAAL0014	No	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34510	1,1,1-TRICHLOROETHANE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34510	1,1,1-TRICHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34510	1,1,1-TRICHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34511	1,1,2-TRICHLOROETHANE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	11	
PAAL0014	No	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34515	1,1,2-TRICHLOROETHANE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34515	1,1,2-TRICHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34515	1,1,2-TRICHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	10/22/92-01/29/96	3	14	
PAAL0014	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	12	
PAAL0014	No	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34520	1,1,2,2-TETRACHLOROETHANE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34520	1,1,2,2-TETRACHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34520	1,1,2,2-TETRACHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34525	BENZO(GHI)PERYLENE1,12-BENZOPERYLENWET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34525	BENZO(GHI)PERYLENE1,12-BENZOPERYLENWET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34525	BENZO(GHI)PERYLENE1,12-BENZOPERYLENWET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0014	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34531	1,2-DICHLOROETHANE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0015	No	34531	1,2-DICHLOROETHANE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34531	1,2-DICHLOROETHANE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	12	
PAAL0014	No	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34535	1,2-DICHLOROETHANE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34535	1,2-DICHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34535	1,2-DICHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34536	1,2-DICHLOROBENZENE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	10/22/92-01/29/96	3	14	
PAAL0014	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34541	1,2-DICHLOROPROPANE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	11	
PAAL0014	No	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34545	1,2-DICHLOROPROPANE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34545	1,2-DICHLOROPROPANE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34545	1,2-DICHLOROPROPANE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	10/22/92-01/29/96	3	10	
PAAL0014	No	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34550	TRANS-1,2-DICHLOROETHENE, IN TISSUE, WET WT. MG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34550	TRANS-1,2-DICHLOROETHENE, IN TISSUE, WET WT. MG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34550	TRANS-1,2-DICHLOROETHENE, IN TISSUE, WET WT. MG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	10/22/92-01/29/96	3	12	
PAAL0014	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	14	
PAAL0014	No	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34560	1,2,5,6-DIBENZANTHRACENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34560	1,2,5,6-DIBENZANTHRACENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34560	1,2,5,6-DIBENZANTHRACENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	10/22/92-01/29/96	3	13	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0014	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34566	1,3-DICHLOROBENZENE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34570	1,3-DICHLOROBENZENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34570	1,3-DICHLOROBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34570	1,3-DICHLOROBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	10/22/92-01/29/96	3	14	
PAAL0014	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34571	1,4-DICHLOROBENZENE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34575	1,4-DICHLOROBENZENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34575	1,4-DICHLOROBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34575	1,4-DICHLOROBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	10/22/92-03/09/95	2	10	
PAAL0014	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	10/22/92-02/01/95	2	7	
PAAL0014	No	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34580	2-CHLOROETHYL VINYL ETHER WET WGTTISMG/KG	06/09/94-06/09/94	0	1	
PAAL0015	No	34580	2-CHLOROETHYL VINYL ETHER WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34580	2-CHLOROETHYL VINYL ETHER WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	10/22/92-01/29/96	3	12	
PAAL0014	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34581	2-CHLORONAPHTHALENE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34586	2-CHLOROPHENOL TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34586	2-CHLOROPHENOL TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34586	2-CHLOROPHENOL TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34586	2-CHLOROPHENOL TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34590	2-CHLOROPHENOL WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34590	2-CHLOROPHENOL WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34590	2-CHLOROPHENOL WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34591	2-NITROPHENOL TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34591	2-NITROPHENOL TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34591	2-NITROPHENOL TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34591	2-NITROPHENOL TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34594	2-NITROPHENOL DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34594	2-NITROPHENOL DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34594	2-NITROPHENOL DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34594	2-NITROPHENOL DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34595	2-NITROPHENOL WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34595	2-NITROPHENOL WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34595	2-NITROPHENOL WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34596	DI-N-OCTYL PHTHALATE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	

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From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0020	No	34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34600	DI-N-OCTYL PHTHALATE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34600	DI-N-OCTYL PHTHALATE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34600	DI-N-OCTYL PHTHALATE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34601	2,4-DICHLOROPHENOL TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34605	2,4-DICHLOROPHENOL WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34605	2,4-DICHLOROPHENOL WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34605	2,4-DICHLOROPHENOL WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	10/22/92-01/29/96	3	12	
PAAL0014	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34606	2,4-DIMETHYLPHENOL TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34610	2,4-DIMETHYLPHENOL WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34610	2,4-DIMETHYLPHENOL WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34610	2,4-DIMETHYLPHENOL WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34611	2,4-DINITROTOLUENE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34611	2,4-DINITROTOLUENE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34611	2,4-DINITROTOLUENE TOTWUG/L	12/09/91-06/01/92	0	3	
PAAL0020	No	34611	2,4-DINITROTOLUENE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34615	2,4-DINITROTOLUENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34615	2,4-DINITROTOLUENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34615	2,4-DINITROTOLUENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34616	2,4-DINITROPHENOL TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34616	2,4-DINITROPHENOL TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34616	2,4-DINITROPHENOL TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34616	2,4-DINITROPHENOL TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34620	2,4-DINITROPHENOL WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0020	No	34620	2,4-DINITROPHENOL WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34625	2,4,6-TRICHLOROPHENOL WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34625	2,4,6-TRICHLOROPHENOL WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34625	2,4,6-TRICHLOROPHENOL WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34626	2,6-DINITROTOLUENE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34626	2,6-DINITROTOLUENE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34626	2,6-DINITROTOLUENE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34626	2,6-DINITROTOLUENE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34630	2,6-DINITROTOLUENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34630	2,6-DINITROTOLUENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34630	2,6-DINITROTOLUENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	10/22/92-01/29/96	3	11	
PAAL0014	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	12/09/91-08/12/92	0	4	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0020	No	34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	10/22/92-01/29/96	3	13	
PAAL0014	No	34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	01/15/93-01/15/93	0	1	
PAAL0015	No	34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34645	4-CHLOROPHENYL PHENYL ETHER WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34645	4-CHLOROPHENYL PHENYL ETHER WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34645	4-CHLOROPHENYL PHENYL ETHER WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34646	4-NITROPHENOL TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34646	4-NITROPHENOL TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34646	4-NITROPHENOL TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34646	4-NITROPHENOL TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34649	4-NITROPHENOL DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34649	4-NITROPHENOL DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34649	4-NITROPHENOL DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34649	4-NITROPHENOL DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34650	4-NITROPHENOL WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34650	4-NITROPHENOL WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34650	4-NITROPHENOL WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0012	No	34653	P,P'-DDE DISSUG/L	03/19/96-01/07/97	0	11	
PAAL0011	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34664	PCB - 1221 WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34664	PCB - 1221 WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34664	PCB - 1221 WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34667	PCB - 1232 WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34667	PCB - 1232 WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34667	PCB - 1232 WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	01/14/93-01/14/93	0	1	
PAAL0014	No	34668	DICHLORODIFUOROMETHANE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0011	No	34669	PCB - 1248 WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34669	PCB - 1248 WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34669	PCB - 1248 WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34670	PCB - 1260 WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34670	PCB - 1260 WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34670	PCB - 1260 WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34671	PCB - 1016 TOTWUG/L	10/22/92-03/08/95	2	10	
PAAL0014	No	34671	PCB - 1016 TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34671	PCB - 1016 TOTWUG/L	06/01/92-08/12/92	0	2	
PAAL0020	No	34671	PCB - 1016 TOTWUG/L	06/01/92-06/01/92	0	1	
PAAL0011	No	34674	PCB - 1016 WET WGTTISMG/KG	01/15/93-06/09/94	1	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0015	No	34674	PCB - 1016 WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34674	PCB - 1016 WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0014	No	34678	2,3,7,8-TETRACHLORODIBENZO-P-DIOXINDRY WGTBOTUG/KG	04/08/81-04/08/81	0	1	
PAAL0011	No	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	08/12/92-08/12/92	0	1	
PAAL0017	No	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	10/01/86-10/01/86	0	3	
PAAL0020	No	34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34683	DI-N-BUTYL PHTHALATE,TISSUE,WET WGTWET WGT	01/15/93-06/09/94	1	2	
PAAL0015	No	34683	DI-N-BUTYL PHTHALATE,TISSUE,WET WGTWET WGT	08/12/92-08/12/92	0	1	
PAAL0020	No	34683	DI-N-BUTYL PHTHALATE,TISSUE,WET WGTWET WGT	08/12/92-08/12/92	0	1	
PAAL0017	No	34684	DIELDRIN TISMG/KG	10/01/69-10/01/86	17	45	
PAAL0011	No	34685	ENDRIN WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34685	ENDRIN WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0017	No	34685	ENDRIN WET WGTTISMG/KG	10/01/70-10/01/86	16	42	
PAAL0020	No	34685	ENDRIN WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0017	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	10/01/86-10/01/86	0	3	
PAAL0020	No	34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34687	HEPTACHLOR WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34687	HEPTACHLOR WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0017	No	34687	HEPTACHLOR WET WGTTISMG/KG	10/01/69-10/01/86	17	45	
PAAL0020	No	34687	HEPTACHLOR WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0017	No	34688	HEXACHLOROBENZENE WET WGTTISMG/KG	10/01/76-10/01/86	10	20	
PAAL0011	No	34689	PCB - 1242 WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34689	PCB - 1242 WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34689	PCB - 1242 WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34690	PCB - 1254 WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34690	PCB - 1254 WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34690	PCB - 1254 WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34691	TOXAPHENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34691	TOXAPHENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0017	No	34691	TOXAPHENE WET WGTTISMG/KG	10/01/71-10/01/86	15	38	
PAAL0020	No	34691	TOXAPHENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34692	TRICHLOROETHYLENE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34692	TRICHLOROETHYLENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34692	TRICHLOROETHYLENE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34693	VINYL CHLORIDE WET WGTTISMG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34693	VINYL CHLORIDE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34693	VINYL CHLORIDE WET WGTTISMG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34696	NAPHTHALENE TOTWUG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	34696	NAPHTHALENE TOTWUG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34696	NAPHTHALENE TOTWUG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34696	NAPHTHALENE TOTWUG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	10/22/92-01/29/96	3	11	
PAAL0014	No	34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34698	TRANS-1,3-DICHLOROPROPENEFISH TISSUE WET WGT MG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	34698	TRANS-1,3-DICHLOROPROPENEFISH TISSUE WET WGT MG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34698	TRANS-1,3-DICHLOROPROPENEFISH TISSUE WET WGT MG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	10/22/92-01/29/96	3	14	
PAAL0014	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	10/22/92-01/29/96	3	11	
PAAL0014	No	34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	34703	CIS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	01/15/93-06/09/94	1	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0015	No	34703	CIS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	34703	CIS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	10/22/92-01/29/96	3	14	
PAAL0014	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	12/09/91-06/01/92	0	2	
PAAL0019	No	34802	ARSENIC,SED,BOT,DRY SIEVE,	06/26/86-06/26/86	0	1	
PAAL0021	No	34802	ARSENIC,SED,BOT,DRY SIEVE,	06/26/86-06/26/86	0	1	
PAAL0019	No	34807	BARIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	34807	BARIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	34812	BERYLLIUM,SED,BOT,DRY SIEVE,	06/26/86-06/26/86	0	1	
PAAL0021	No	34812	BERYLLIUM,SED,BOT,DRY SIEVE,	06/26/86-06/26/86	0	1	
PAAL0019	No	34817	BISMUTH,SED,BOT,DRY SIEVE,	06/26/86-06/26/86	0	1	
PAAL0021	No	34817	BISMUTH,SED,BOT,DRY SIEVE,	06/26/86-06/26/86	0	1	
PAAL0019	No	34827	CADMIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	34827	CADMIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	34842	CHROMIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	34842	CHROMIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	34847	COBALT,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	34847	COBALT,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	34852	COPPER,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	34852	COPPER,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	34857	EUROPIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	34857	EUROPIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	34862	GALLIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	34862	GALLIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	34872	GOLD,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	34872	GOLD,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	34877	HOLMIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	34877	HOLMIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	34887	LANTHANUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	34887	LANTHANUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	34892	LEAD,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	34892	LEAD,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	34897	LITHIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	34897	LITHIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	34907	MANGANESE,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	34907	MANGANESE,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	34917	MOLYBDENUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	34917	MOLYBDENUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	34922	NEODYMIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	34922	NEODYMIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	34927	NICKEL,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	34927	NICKEL,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	34947	SCANDIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	34947	SCANDIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	34952	SELENIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	34952	SELENIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	34957	SILVER,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	34957	SILVER,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	34967	STRONTIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	34967	STRONTIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	34977	TANTALUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	34977	TANTALUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	34982	THORIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	34982	THORIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	34987	TIN,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	34987	TIN,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	34992	TITANIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	34992	TITANIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	35002	URANIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	35002	URANIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	35007	VANADIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	35007	VANADIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	35012	YTTRIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	35012	YTTRIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	35017	YTTERBIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	35017	YTTERBIUM,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0019	No	35022	ZINC,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0021	No	35022	ZINC,SED,BOT,	06/26/86-06/26/86	0	1	
PAAL0018	No	38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/02/64-06/04/68	4	52	
PAAL0011	No	38437	DIBROMOCHLOROPROPANE WATER, TOTUG/L	01/14/93-01/14/93	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0011	No	38440	DIBROMOCHLOROPROPANE SEDDRYWGTUG/KG	01/14/93-01/14/93	0	1	
PAAL0011	No	38441	DIBROMOCHLOROPROPANE TISWETWGTMG/KG	01/15/93-01/15/93	0	1	
PAAL0011	No	38444	DICAMBA (BANVEL) SEDDRYWGTUG/KG	01/14/93-01/14/93	0	1	
PAAL0019	No	38578	PROPAZINE, TOTAL, WATER UG/L	06/26/86-06/26/86	0	1	
PAAL0021	No	38578	PROPAZINE, TOTAL, WATER UG/L	06/26/86-06/26/86	0	1	
PAAL0011	No	38781	DINOSEB SEDDRYWGTUG/KG	01/14/93-01/14/93	0	1	
PAAL0011	No	38923	METOLACHLOR (DUAL) IN BOTTOM SEDIMENT DRYWT UG/KG	01/14/93-01/14/93	0	1	
PAAL0011	No	38930	PICLORAM,RECOVERABLE FROM BOT MAT,DRYWGT,UG/KG	01/14/93-01/14/93	0	1	
PAAL0012	No	38933	CHLORPYRIFOS,DISSOLVED UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	39025	SIMAZINE,COULSON CONDUCTIVITY,WATER SAMPLE(UG/L)	11/16/76-05/10/78	1	5	
PAAL0011	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	12/09/91-06/01/92	0	2	
PAAL0012	No	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	02/24/82-05/25/82	0	2	
PAAL0019	No	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0021	No	39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0012	No	39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	04/26/90-01/07/97	6	42	
PAAL0011	No	39046	SIMAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	01/14/93-01/14/93	0	1	
PAAL0012	No	39046	SIMAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	05/26/76-05/26/76	0	1	
PAAL0011	No	39051	METHOMYL IN WHOLE WATER (UG/L)	01/14/93-01/14/93	0	1	
PAAL0019	No	39054	SIMETRYNE IN WHOLE WATER (UG/L)	06/26/86-06/26/86	0	1	
PAAL0021	No	39054	SIMETRYNE IN WHOLE WATER (UG/L)	06/26/86-06/26/86	0	1	
PAAL0011	No	39055	SIMAZINE IN WHOLE WATER (UG/L)	01/14/93-01/14/93	0	1	
PAAL0019	No	39055	SIMAZINE IN WHOLE WATER (UG/L)	06/26/86-06/26/86	0	1	
PAAL0021	No	39055	SIMAZINE IN WHOLE WATER (UG/L)	06/26/86-06/26/86	0	1	
PAAL0019	No	39056	PROMETONE IN WHOLE WATER (UG/L)	06/26/86-06/26/86	0	1	
PAAL0021	No	39056	PROMETONE IN WHOLE WATER (UG/L)	06/26/86-06/26/86	0	1	
PAAL0019	No	39057	PROMETRYNE IN WHOLE WATER (UG/L)	06/26/86-06/26/86	0	1	
PAAL0021	No	39057	PROMETRYNE IN WHOLE WATER (UG/L)	06/26/86-06/26/86	0	1	
PAAL0011	No	39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	01/15/93-06/09/94	1	2	
PAAL0015	No	39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	08/12/92-08/12/92	0	1	
PAAL0020	No	39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	08/12/92-08/12/92	0	1	
PAAL0011	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	12/09/91-06/01/92	0	2	
PAAL0017	No	39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	10/01/76-10/01/86	10	20	
PAAL0017	No	39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/01/76-10/01/86	10	20	
PAAL0017	No	39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	10/01/76-10/01/86	10	20	
PAAL0017	No	39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	10/01/76-10/01/86	10	20	
PAAL0011	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	01/15/93-06/09/94	1	2	
PAAL0015	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	08/12/92-08/12/92	0	1	
PAAL0017	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	10/01/69-10/01/86	17	27	
PAAL0020	No	39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	08/12/92-08/12/92	0	1	
PAAL0011	No	39075	BHC- GAMMA ISOMER, TISSUE WET WGT (UG/G)	01/15/93-06/09/94	1	2	
PAAL0015	No	39075	BHC- GAMMA ISOMER, TISSUE WET WGT (UG/G)	08/12/92-08/12/92	0	1	
PAAL0020	No	39075	BHC- GAMMA ISOMER, TISSUE WET WGT (UG/G)	08/12/92-08/12/92	0	1	
PAAL0011	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	10/22/92-01/29/96	3	14	
PAAL0014	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	04/08/81-04/08/81	0	1	
PAAL0015	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	12/09/91-08/12/92	0	3	
PAAL0020	No	39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	06/01/92-06/01/92	0	1	
PAAL0012	No	39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	10/19/89-01/07/97	7	48	
PAAL0011	No	39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	39105	PERCENT FAT HEXANE EXTRACTION	01/15/93-06/09/94	1	2	
PAAL0017	No	39105	PERCENT FAT HEXANE EXTRACTION	10/01/69-10/01/86	17	45	
PAAL0011	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	10/22/92-01/29/96	3	13	
PAAL0014	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/22/92-01/29/96	3	15	
PAAL0014	No	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	04/08/81-04/08/81	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0015	No	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	39118	PENTACHLOROBENZENE IN SEDIMENT UG/KG	10/22/92-01/29/96	3	9	
PAAL0015	No	39118	PENTACHLOROBENZENE IN SEDIMENT UG/KG	06/01/92-06/01/92	0	1	
PAAL0020	No	39118	PENTACHLOROBENZENE IN SEDIMENT UG/KG	06/01/92-06/01/92	0	1	
PAAL0011	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	3	11	
PAAL0014	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	04/08/81-04/08/81	0	1	
PAAL0015	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	0	4	
PAAL0020	No	39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	0	2	
PAAL0011	No	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	10/22/92-01/29/96	3	13	
PAAL0014	No	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	04/08/81-04/08/81	0	1	
PAAL0015	No	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	12/09/91-06/01/92	0	3	
PAAL0020	No	39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	12/09/91-06/01/92	0	2	
PAAL0011	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	10/22/92-01/29/96	3	14	
PAAL0014	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	10/22/92-01/29/96	3	14	
PAAL0014	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12/09/91-06/01/92	0	2	
PAAL0012	No	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	02/24/82-05/25/82	0	2	
PAAL0019	No	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	06/26/86-06/26/86	0	1	
PAAL0021	No	39250	NAPTHALENES, POLYCHLORINATED (UG/L)	06/26/86-06/26/86	0	1	
PAAL0012	No	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	10/22/81-10/22/81	0	1	
PAAL0019	No	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	0	1	
PAAL0021	No	39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	0	1	
PAAL0017	No	39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	10/01/69-10/01/86	17	45	
PAAL0011	No	39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/14/93-01/14/93	0	1	
PAAL0011	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/14/93-01/14/93	0	1	
PAAL0014	No	39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/81-04/08/81	0	1	
PAAL0011	No	39302	P P DDT IN TISSUE WET WGT (UG/G)	01/15/93-01/15/93	0	1	
PAAL0011	No	39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/14/93-01/14/93	0	1	
PAAL0011	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/14/93-01/14/93	0	1	
PAAL0012	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/21/75-10/21/75	0	1	
PAAL0014	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/81-04/08/81	0	1	
PAAL0019	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	0	1	
PAAL0021	No	39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	0	1	
PAAL0011	No	39312	P P DDD IN TISSUE WET WGT (UG/G)	01/15/93-01/15/93	0	1	
PAAL0011	No	39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	01/14/93-01/14/93	0	1	
PAAL0011	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/14/93-01/14/93	0	1	
PAAL0012	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/21/75-05/10/78	2	2	
PAAL0014	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/81-04/08/81	0	1	
PAAL0019	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	0	1	
PAAL0021	No	39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	0	1	
PAAL0011	No	39322	P,P'-DDE IN TISSUE WET WGT MG/KG	01/15/93-01/15/93	0	1	
PAAL0009	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	0	1	
PAAL0011	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	3	13	
PAAL0012	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	7	14	
PAAL0014	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/08/81-04/08/81	0	1	
PAAL0015	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	0	4	
PAAL0018	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	6	13	
PAAL0019	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0020	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	0	2	
PAAL0021	No	39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0011	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/22/92-01/29/96	3	14	
PAAL0012	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/75-10/22/81	6	6	
PAAL0014	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/81-04/08/81	0	1	
PAAL0015	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-08/12/92	0	4	
PAAL0019	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/26/86-06/26/86	0	1	
PAAL0020	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-06/01/92	0	2	
PAAL0021	No	39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/26/86-06/26/86	0	1	
PAAL0011	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/22/92-01/29/96	3	13	
PAAL0014	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	04/08/81-04/08/81	0	1	
PAAL0015	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/01/92-08/12/92	0	2	
PAAL0020	No	39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/01/92-06/01/92	0	1	
PAAL0011	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/22/92-01/29/96	3	13	
PAAL0014	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	04/08/81-04/08/81	0	1	
PAAL0015	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/01/92-08/12/92	0	2	
PAAL0020	No	39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/01/92-06/01/92	0	1	
PAAL0009	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/22/74-10/22/74	0	1	
PAAL0012	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	05/20/75-05/25/82	7	14	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0018	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/05/61-09/29/67	6	13	
PAAL0019	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/26/86-06/26/86	0	1	
PAAL0021	No	39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/26/86-06/26/86	0	1	
PAAL0012	No	39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	05/20/75-10/22/81	6	6	
PAAL0014	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	04/08/81-04/08/81	0	1	
PAAL0019	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	06/26/86-06/26/86	0	1	
PAAL0021	No	39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	06/26/86-06/26/86	0	1	
PAAL0011	No	39346	METOLACHLOR IN TISSUES WETWTMG/KG	01/15/93-01/15/93	0	1	
PAAL0009	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	10/22/74-10/22/74	0	1	
PAAL0011	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	10/22/92-01/29/96	3	13	
PAAL0012	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	05/20/75-05/25/82	7	14	
PAAL0015	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	12/09/91-08/12/92	0	4	
PAAL0018	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/13/66-09/13/66	0	1	
PAAL0020	No	39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	10/22/92-01/29/96	3	14	
PAAL0012	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	05/20/75-10/22/81	6	6	
PAAL0014	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	12/09/91-06/01/92	0	2	
PAAL0014	No	39359	DDT SUM ANALOGS IN SEDIMENT UG/KG DRY WEIGHT	04/08/81-04/08/81	0	1	
PAAL0009	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	0	1	
PAAL0011	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	3	12	
PAAL0012	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	7	14	
PAAL0015	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	0	4	
PAAL0018	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	6	13	
PAAL0019	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0020	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	0	2	
PAAL0021	No	39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0011	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/22/92-01/29/96	3	13	
PAAL0012	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/75-10/22/81	6	5	
PAAL0015	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-08/12/92	0	5	
PAAL0020	No	39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-06/01/92	0	2	
PAAL0009	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	0	1	
PAAL0011	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	3	12	
PAAL0012	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	7	14	
PAAL0015	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	0	4	
PAAL0018	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	6	13	
PAAL0019	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0020	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	0	2	
PAAL0021	No	39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0011	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/22/92-01/29/96	3	13	
PAAL0012	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/75-10/22/81	6	4	
PAAL0015	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-08/12/92	0	4	
PAAL0020	No	39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-06/01/92	0	2	
PAAL0009	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	0	1	
PAAL0011	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	3	12	
PAAL0012	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	7	14	
PAAL0015	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	0	4	
PAAL0018	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	6	15	
PAAL0019	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0020	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	0	2	
PAAL0021	No	39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0011	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/22/92-01/29/96	3	13	
PAAL0012	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/75-10/22/81	6	6	
PAAL0015	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-08/12/92	0	5	
PAAL0019	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/26/86-06/26/86	0	1	
PAAL0020	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-06/01/92	0	2	
PAAL0021	No	39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/26/86-06/26/86	0	1	
PAAL0011	No	39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	06/09/94-06/09/94	0	1	
PAAL0015	No	39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	08/12/92-08/12/92	0	1	
PAAL0020	No	39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	08/12/92-08/12/92	0	1	
PAAL0009	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	0	1	
PAAL0011	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	3	13	
PAAL0012	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	7	14	
PAAL0014	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	04/08/81-04/08/81	0	1	
PAAL0015	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	0	4	
PAAL0018	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	6	13	
PAAL0019	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0020	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	0	2	
PAAL0021	No	39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0012	No	39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/19/96-01/07/97	0	11	

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Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0011	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/22/92-01/29/96	3	14	
PAAL0012	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/20/75-10/22/81	6	6	
PAAL0015	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/09/91-08/12/92	0	4	
PAAL0019	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/26/86-06/26/86	0	1	
PAAL0020	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/09/91-06/01/92	0	2	
PAAL0021	No	39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/26/86-06/26/86	0	1	
PAAL0011	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	3	12	
PAAL0012	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	02/24/82-05/25/82	0	2	
PAAL0015	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	0	4	
PAAL0019	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0020	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	0	2	
PAAL0021	No	39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0011	No	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/22/92-01/29/96	3	13	
PAAL0012	No	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/22/81-10/22/81	0	1	
PAAL0015	No	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/09/91-08/12/92	0	3	
PAAL0019	No	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	0	1	
PAAL0020	No	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/09/91-06/01/92	0	2	
PAAL0021	No	39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	0	1	
PAAL0009	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	0	1	
PAAL0011	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	3	13	
PAAL0012	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	7	14	
PAAL0014	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/08/81-04/08/81	0	1	
PAAL0015	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	0	4	
PAAL0018	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	6	13	
PAAL0019	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0020	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	0	2	
PAAL0021	No	39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0011	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/22/92-01/29/96	3	14	
PAAL0012	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/75-10/22/81	6	6	
PAAL0015	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-08/12/92	0	5	
PAAL0019	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/26/86-06/26/86	0	1	
PAAL0020	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-06/01/92	0	2	
PAAL0021	No	39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/26/86-06/26/86	0	1	
PAAL0012	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	7	14	
PAAL0019	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0021	No	39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0012	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/20/75-11/15/78	3	5	
PAAL0019	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	0	1	
PAAL0021	No	39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	0	1	
PAAL0009	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	0	1	
PAAL0011	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	3	13	
PAAL0012	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	7	14	
PAAL0015	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	0	4	
PAAL0019	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0020	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	0	2	
PAAL0021	No	39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0011	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/22/92-01/29/96	3	14	
PAAL0012	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/20/75-10/22/81	6	6	
PAAL0014	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/81-04/08/81	0	1	
PAAL0015	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/09/91-08/12/92	0	4	
PAAL0019	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/26/86-06/26/86	0	1	
PAAL0020	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/09/91-06/01/92	0	2	
PAAL0021	No	39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/26/86-06/26/86	0	1	
PAAL0011	No	39404	DIELDRIN IN TISSUE WET WGT (UG/G)	01/15/93-01/15/93	0	1	
PAAL0011	No	39406	DIELDRIN IN AQ ORGANISMS WT WGT BASIS (UG/G)	06/09/94-06/09/94	0	1	
PAAL0015	No	39406	DIELDRIN IN AQ ORGANISMS WT WGT BASIS (UG/G)	08/12/92-08/12/92	0	1	
PAAL0020	No	39406	DIELDRIN IN AQ ORGANISMS WT WGT BASIS (UG/G)	08/12/92-08/12/92	0	1	
PAAL0009	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	0	1	
PAAL0011	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	3	13	
PAAL0012	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	7	14	
PAAL0015	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	0	4	
PAAL0018	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	6	13	
PAAL0019	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0020	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	0	2	
PAAL0021	No	39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0011	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	10/22/92-01/29/96	3	14	
PAAL0012	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	05/20/75-10/22/81	6	6	
PAAL0014	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/08/81-04/08/81	0	1	
PAAL0015	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	12/09/91-08/12/92	0	4	
PAAL0019	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	06/26/86-06/26/86	0	1	
PAAL0020	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	12/09/91-06/01/92	0	2	
PAAL0021	No	39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	06/26/86-06/26/86	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0012	No	39415	METOLACHLOR, WATER, DISSOLVED UG/L	03/19/96-01/07/97	0	11	
PAAL0009	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	0	1	
PAAL0011	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	3	13	
PAAL0012	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	7	14	
PAAL0015	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	0	4	
PAAL0018	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	6	13	
PAAL0019	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0020	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	0	2	
PAAL0021	No	39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0011	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	10/22/92-01/29/96	3	14	
PAAL0012	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	05/20/75-10/22/81	6	6	
PAAL0014	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/08/81-04/08/81	0	1	
PAAL0015	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	12/09/91-08/12/92	0	5	
PAAL0019	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	06/26/86-06/26/86	0	1	
PAAL0020	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	12/09/91-06/01/92	0	2	
PAAL0021	No	39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	06/26/86-06/26/86	0	1	
PAAL0011	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	3	13	
PAAL0012	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	7	14	
PAAL0015	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	0	4	
PAAL0019	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0020	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	0	2	
PAAL0021	No	39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0011	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	10/22/92-01/29/96	3	14	
PAAL0012	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	05/20/75-10/22/81	6	6	
PAAL0015	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	12/09/91-08/12/92	0	4	
PAAL0019	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	06/26/86-06/26/86	0	1	
PAAL0020	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	12/09/91-06/01/92	0	2	
PAAL0021	No	39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	06/26/86-06/26/86	0	1	
PAAL0011	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	10/22/92-03/08/95	2	10	
PAAL0014	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	06/01/92-08/12/92	0	2	
PAAL0020	No	39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	06/01/92-06/01/92	0	1	
PAAL0011	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	10/22/92-03/08/95	2	10	
PAAL0014	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	06/01/92-08/12/92	0	2	
PAAL0020	No	39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	06/01/92-06/01/92	0	1	
PAAL0011	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/92-03/08/95	2	10	
PAAL0014	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	06/01/92-08/12/92	0	2	
PAAL0020	No	39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	06/01/92-06/01/92	0	1	
PAAL0011	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	10/22/92-03/08/95	2	10	
PAAL0014	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	06/01/92-08/12/92	0	2	
PAAL0020	No	39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	06/01/92-06/01/92	0	1	
PAAL0011	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/92-03/08/95	2	10	
PAAL0014	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	06/01/92-08/12/92	0	2	
PAAL0020	No	39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	06/01/92-06/01/92	0	1	
PAAL0011	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	10/22/92-03/08/95	2	10	
PAAL0014	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	06/01/92-08/12/92	0	2	
PAAL0020	No	39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	06/01/92-06/01/92	0	1	
PAAL0011	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/92-03/08/95	2	10	
PAAL0014	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	06/01/92-08/12/92	0	2	
PAAL0020	No	39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	06/01/92-06/01/92	0	1	
PAAL0011	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	10/22/92-03/08/95	2	10	
PAAL0014	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	06/01/92-08/12/92	0	2	
PAAL0020	No	39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	06/01/92-06/01/92	0	1	
PAAL0011	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/92-03/08/95	2	10	
PAAL0012	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	02/14/78-02/14/78	0	1	
PAAL0014	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	06/01/92-08/12/92	0	2	
PAAL0020	No	39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	06/01/92-06/01/92	0	1	
PAAL0011	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	10/22/92-03/08/95	2	10	
PAAL0014	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	06/01/92-08/12/92	0	2	
PAAL0020	No	39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	06/01/92-06/01/92	0	1	
PAAL0011	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/92-03/08/95	2	10	
PAAL0014	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	04/08/81-04/08/81	0	1	
PAAL0015	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	06/01/92-08/12/92	0	2	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0020	No	39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	06/01/92-06/01/92	0	1	
PAAL0011	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	10/22/92-03/08/95	2	10	
PAAL0014	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	06/01/92-08/12/92	0	2	
PAAL0020	No	39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	06/01/92-06/01/92	0	1	
PAAL0011	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	10/22/92-03/08/95	2	10	
PAAL0014	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	04/08/81-04/08/81	0	1	
PAAL0015	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	06/01/92-08/12/92	0	2	
PAAL0020	No	39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	06/01/92-06/01/92	0	1	
PAAL0009	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	0	1	
PAAL0011	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	01/19/94-01/29/96	2	8	
PAAL0012	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	05/10/78-05/25/82	4	7	
PAAL0014	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	04/08/81-04/08/81	0	1	
PAAL0015	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	12/09/91-03/09/92	0	2	
PAAL0019	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0020	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	12/09/91-12/09/91	0	1	
PAAL0021	No	39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0011	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/12/94-01/29/96	1	7	
PAAL0012	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/10/78-10/22/81	3	3	
PAAL0014	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/81-04/08/81	0	1	
PAAL0015	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/09/91-03/09/92	0	2	
PAAL0019	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	0	1	
PAAL0020	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/09/91-12/09/91	0	1	
PAAL0021	No	39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	0	1	
PAAL0009	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	0	1	
PAAL0011	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	3	12	
PAAL0012	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	7	14	
PAAL0015	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	0	3	
PAAL0019	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0020	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	0	2	
PAAL0021	No	39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0011	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/22/92-01/29/96	3	13	
PAAL0012	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/75-11/15/78	3	5	
PAAL0015	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-06/01/92	0	3	
PAAL0020	No	39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-06/01/92	0	2	
PAAL0012	No	39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/19/96-01/07/97	0	11	
PAAL0011	No	39534	MALATHION IN TISSUE WET WEIGHT MG/KG	01/15/93-06/09/94	1	2	
PAAL0009	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	0	1	
PAAL0011	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	3	12	
PAAL0012	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	7	14	
PAAL0015	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	0	3	
PAAL0019	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0020	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	0	2	
PAAL0021	No	39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0011	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/22/92-01/29/96	3	13	
PAAL0012	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/75-11/15/78	3	5	
PAAL0015	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-06/01/92	0	3	
PAAL0020	No	39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-06/01/92	0	2	
PAAL0012	No	39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/19/96-01/07/97	0	11	
PAAL0011	No	39560	DEMETON IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	3	8	
PAAL0015	No	39560	DEMETON IN WHOLE WATER SAMPLE (UG/L)	06/01/92-06/01/92	0	1	
PAAL0020	No	39560	DEMETON IN WHOLE WATER SAMPLE (UG/L)	06/01/92-06/01/92	0	1	
PAAL0009	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	0	1	
PAAL0011	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	3	12	
PAAL0012	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	7	14	
PAAL0015	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	0	3	
PAAL0020	No	39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	0	2	
PAAL0011	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/22/92-01/29/96	3	13	
PAAL0012	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/75-11/15/78	3	5	
PAAL0015	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-06/01/92	0	3	
PAAL0020	No	39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-06/01/92	0	2	
PAAL0012	No	39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/19/96-01/07/97	0	11	
PAAL0011	No	39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	3	11	
PAAL0015	No	39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	06/01/92-06/01/92	0	1	
PAAL0020	No	39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	06/01/92-06/01/92	0	1	
PAAL0011	No	39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/22/92-01/29/96	3	11	
PAAL0015	No	39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/01/92-06/01/92	0	1	
PAAL0020	No	39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/01/92-06/01/92	0	1	
PAAL0009	No	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	0	1	
PAAL0012	No	39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	7	14	
PAAL0012	No	39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	05/20/75-11/15/78	3	5	
PAAL0011	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	01/14/93-01/14/93	0	1	

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0012	No	39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	10/21/75-05/10/78	2	7	
PAAL0011	No	39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	01/14/93-01/14/93	0	1	
PAAL0012	No	39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	05/26/76-05/26/76	0	1	
PAAL0012	No	39632	ATRAZINE DISSOLVED IN WATER PPB	03/19/96-01/07/97	0	11	
PAAL0011	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	3	13	
PAAL0014	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	04/08/81-04/08/81	0	1	
PAAL0015	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	0	3	
PAAL0020	No	39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	0	2	
PAAL0011	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	10/22/92-01/29/96	3	14	
PAAL0014	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	04/08/81-04/08/81	0	1	
PAAL0015	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	12/09/91-06/01/92	0	3	
PAAL0020	No	39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	12/09/91-06/01/92	0	2	
PAAL0014	No	39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	04/08/81-04/08/81	0	1	
PAAL0011	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	10/22/92-01/29/96	3	15	
PAAL0014	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	04/08/81-04/08/81	0	1	
PAAL0015	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	12/09/91-08/12/92	0	4	
PAAL0020	No	39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	12/09/91-06/01/92	0	2	
PAAL0011	No	39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	01/14/93-01/14/93	0	1	
PAAL0019	No	39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0021	No	39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0009	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	0	1	
PAAL0011	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	3	13	
PAAL0012	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	10/21/75-05/25/82	6	10	
PAAL0015	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	0	4	
PAAL0019	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0020	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	0	2	
PAAL0021	No	39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0011	No	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/22/92-01/29/96	3	14	
PAAL0012	No	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/26/76-05/10/78	1	2	
PAAL0015	No	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/09/91-08/12/92	0	4	
PAAL0020	No	39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/09/91-06/01/92	0	2	
PAAL0009	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	0	1	
PAAL0011	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	3	12	
PAAL0012	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	10/21/75-05/25/82	6	10	
PAAL0015	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	0	4	
PAAL0019	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0020	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	0	2	
PAAL0021	No	39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0011	No	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/22/92-01/29/96	3	13	
PAAL0012	No	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/26/76-05/10/78	1	2	
PAAL0015	No	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/09/91-08/12/92	0	4	
PAAL0020	No	39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/09/91-06/01/92	0	2	
PAAL0011	No	39750	SEVIN IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	3	6	
PAAL0015	No	39750	SEVIN IN WHOLE WATER SAMPLE (UG/L)	06/01/92-06/01/92	0	1	
PAAL0019	No	39750	SEVIN IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0020	No	39750	SEVIN IN WHOLE WATER SAMPLE (UG/L)	06/01/92-06/01/92	0	1	
PAAL0021	No	39750	SEVIN IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0011	No	39755	MIREX, TOTAL (UG/L)	10/22/92-03/08/95	2	6	
PAAL0012	No	39755	MIREX, TOTAL (UG/L)	02/24/82-05/25/82	0	2	
PAAL0015	No	39755	MIREX, TOTAL (UG/L)	06/01/92-06/01/92	0	1	
PAAL0019	No	39755	MIREX, TOTAL (UG/L)	06/26/86-06/26/86	0	1	
PAAL0020	No	39755	MIREX, TOTAL (UG/L)	06/01/92-06/01/92	0	1	
PAAL0021	No	39755	MIREX, TOTAL (UG/L)	06/26/86-06/26/86	0	1	
PAAL0012	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	10/22/81-10/22/81	0	1	
PAAL0019	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	06/26/86-06/26/86	0	1	
PAAL0021	No	39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	06/26/86-06/26/86	0	1	
PAAL0009	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	0	1	
PAAL0011	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	3	13	
PAAL0012	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	10/21/75-05/25/82	6	10	
PAAL0015	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	06/01/92-08/12/92	0	2	
PAAL0019	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0020	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	06/01/92-06/01/92	0	1	
PAAL0021	No	39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0011	No	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/22/92-01/29/96	3	14	
PAAL0012	No	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/26/76-05/10/78	1	2	
PAAL0015	No	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/01/92-08/12/92	0	2	
PAAL0020	No	39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/01/92-06/01/92	0	1	
PAAL0015	No	39764	SILVEX (2,4,5-TP), TISSUE, WET WEIGHT MG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	39764	SILVEX (2,4,5-TP), TISSUE, WET WEIGHT MG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	10/22/92-03/08/95	2	6	
PAAL0015	No	39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	06/01/92-06/01/92	0	1	
PAAL0020	No	39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	06/01/92-06/01/92	0	1	

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Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0017	No	39781	LINDANE AQUATIC ORGANISMS WT WGT BASIS(UG/G)	10/01/86-10/01/86	0	3	
PAAL0011	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	3	13	
PAAL0015	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	0	4	
PAAL0020	No	39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	0	2	
PAAL0011	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/22/92-01/29/96	3	14	
PAAL0015	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/09/91-08/12/92	0	5	
PAAL0020	No	39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/09/91-06/01/92	0	2	
PAAL0017	No	39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	10/01/76-10/01/84	8	17	
PAAL0012	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	7	14	
PAAL0019	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0021	No	39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0012	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/20/75-11/15/78	3	5	
PAAL0019	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	0	1	
PAAL0021	No	39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	0	1	
PAAL0012	No	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	7	14	
PAAL0019	No	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0021	No	39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	0	1	
PAAL0012	No	39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	05/20/75-11/15/78	3	5	
PAAL0019	No	39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	0	1	
PAAL0021	No	39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	0	1	
PAAL0011	No	45510	XYLENE SEDIMENT,DRY WGT,UG/KG	10/22/92-01/29/96	3	12	
PAAL0015	No	45510	XYLENE SEDIMENT,DRY WGT,UG/KG	12/09/91-08/12/92	0	4	
PAAL0020	No	45510	XYLENE SEDIMENT,DRY WGT,UG/KG	12/09/91-06/01/92	0	2	
PAAL0011	No	45511	XYLENE TISSUE ,WET WGT,MG/KG	01/15/93-06/09/94	1	2	
PAAL0015	No	45511	XYLENE TISSUE ,WET WGT,MG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	45511	XYLENE TISSUE ,WET WGT,MG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	46290	BETA BHC IN SOIL (NG/G DRY WGT)	10/22/92-01/29/96	3	13	
PAAL0015	No	46290	BETA BHC IN SOIL (NG/G DRY WGT)	12/09/91-08/12/92	0	3	
PAAL0020	No	46290	BETA BHC IN SOIL (NG/G DRY WGT)	12/09/91-06/01/92	0	2	
PAAL0011	No	46292	DELTA-BHC IN SOIL (NG/G DRY WGT)	10/22/92-01/29/96	3	13	
PAAL0015	No	46292	DELTA-BHC IN SOIL (NG/G DRY WGT)	12/09/91-08/12/92	0	3	
PAAL0020	No	46292	DELTA-BHC IN SOIL (NG/G DRY WGT)	12/09/91-06/01/92	0	2	
PAAL0012	No	46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	03/19/96-01/07/97	0	11	
PAAL0011	No	46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/01/95-04/30/96	1	5	
PAAL0012	No	49260	ACETOCHLOR, RECOVERABLE, WATER, FILTERED UG/L	03/19/96-01/07/97	0	11	
PAAL0011	No	50060	CHLORINE, TOTAL RESIDUAL (MG/L)	01/14/93-01/14/93	0	1	
PAAL0012	No	60050	ALGAE, TOTAL (CELLS/ML)	11/12/74-08/19/81	6	26	
PAAL0018	No	60050	ALGAE, TOTAL (CELLS/ML)	10/04/61-11/04/68	7	100	
PAAL0018	No	60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/04/61-11/04/68	7	100	
PAAL0018	No	60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/04/61-11/04/68	7	100	
PAAL0018	No	60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/04/61-11/04/68	7	100	
PAAL0018	No	60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/04/61-11/04/68	7	104	
PAAL0018	No	60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/04/61-11/04/68	7	100	
PAAL0018	No	60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/04/61-11/04/68	7	100	
PAAL0018	No	60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	10/18/61-06/05/67	5	89	
PAAL0018	No	60391	DIATOMS,PERCENT OF TOTAL,SECOND DOMINANT SPECIES	10/03/66-06/05/67	0	4	
PAAL0018	No	60392	DIATOMS,PERCENT OF TOTAL,THIRD DOMINANT SPECIES	10/03/66-05/01/67	0	3	
PAAL0018	No	60393	DIATOMS,PERCENT OF TOTAL,FOURTH DOMINANT SPECIES	10/03/66-05/01/67	0	3	
PAAL0018	No	60394	DIATOMS,PERCENT OF TOTAL,ALL OTHER SPECIES	10/03/66-06/05/67	0	4	
PAAL0018	No	60400	DIATOMS, CENTRIC (/ML)	10/04/61-11/04/68	7	100	
PAAL0018	No	60600	DIATOMS, PENNATE (/ML)	10/04/61-11/04/68	7	100	
PAAL0018	No	60610	DIATOM, INERT SHELLS - CENTRIC (/ML)	10/03/66-11/04/68	2	16	
PAAL0018	No	60620	DIATOM, INERT SHELLS - PENNATE (/ML)	10/03/66-11/04/68	2	16	
PAAL0018	No	60820	PROTOZOA, TOTAL (/ML)	10/04/61-03/18/63	1	35	
PAAL0018	No	60850	ROTIFERS, TOTAL (/LITER)	10/04/61-04/15/63	1	36	
PAAL0018	No	60900	CRUSTACEA, TOTAL (/LITER)	10/04/61-04/15/63	1	36	
PAAL0018	No	60950	NEMATODES, TOTAL (/LITER)	10/04/61-04/15/63	1	36	
PAAL0018	No	60990	ZOOPLANKTON OTHER (/LITER)	10/04/61-04/15/63	1	36	
PAAL0019	No	61273	ALPHA RADIATION, DISSOLVED,GROSS,AS U NATURAL UG/L	06/26/86-06/26/86	0	1	
PAAL0021	No	61273	ALPHA RADIATION, DISSOLVED,GROSS,AS U NATURAL UG/L	06/26/86-06/26/86	0	1	
PAAL0019	No	61274	CERIUM,SED,BOT,<63U,DRY SIEVE,LAB,TOTAL UG/G	06/26/86-06/26/86	0	1	
PAAL0021	No	61274	CERIUM,SED,BOT,<63U,DRY SIEVE,LAB,TOTAL UG/G	06/26/86-06/26/86	0	1	
PAAL0019	No	61275	CHLORDANE IN WHOLE WATER SAMPLE,TOTAL UG/L	06/26/86-06/26/86	0	1	
PAAL0021	No	61275	CHLORDANE IN WHOLE WATER SAMPLE,TOTAL UG/L	06/26/86-06/26/86	0	1	
PAAL0019	No	61276	CHLORDANE,TOTAL, IN BOTTOM MATERIAL UG/KG	06/26/86-06/26/86	0	1	
PAAL0021	No	61276	CHLORDANE,TOTAL, IN BOTTOM MATERIAL UG/KG	06/26/86-06/26/86	0	1	
PAAL0018	No	61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE	10/03/66-06/05/67	0	4	
PAAL0018	No	61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE	10/03/66-06/05/67	0	4	
PAAL0018	No	61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE	10/03/66-05/01/67	0	3	
PAAL0018	No	61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE	10/03/66-05/01/67	0	3	
PAAL0013	No	70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	03/07/73-06/12/78	5	46	
PAAL0011	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/14/93-07/29/96	3	11	

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Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0012	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/06/66-01/07/97	30	141	T,S
PAAL0015	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/30/77-12/08/92	15	95	
PAAL0016	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/10/77-12/02/81	4	54	
PAAL0020	No	70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/12/94-07/25/94	0	2	
PAAL0001	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/09/69-09/09/69	0	1	
PAAL0009	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/21/68-06/03/75	6	9	
PAAL0011	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/08/91-01/08/91	0	1	
PAAL0012	No	70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/17/67-01/08/91	23	59	S
PAAL0012	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	07/31/67-09/22/82	15	56	
PAAL0016	No	70302	SOLIDS, DISSOLVED-TONS PER DAY	05/10/77-09/13/77	0	5	
PAAL0001	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/09/69-09/09/69	0	1	
PAAL0009	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/21/68-06/03/75	6	9	
PAAL0012	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	12/06/66-01/26/83	16	62	
PAAL0016	No	70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/10/77-12/02/81	4	54	
PAAL0017	No	70320	MOISTURE CONTENT (PERCENT OF TOTAL WET WEIGHT)	10/01/78-10/01/86	8	17	
PAAL0012	No	70331	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	30	195	T,A,S
PAAL0012	No	70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	02/15/66-02/28/83	17	56	
PAAL0012	No	70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	02/15/66-02/28/83	17	48	
PAAL0012	No	70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	02/15/66-02/28/83	17	22	
PAAL0012	No	70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	10/04/72-10/29/76	4	3	
PAAL0012	No	70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	04/25/66-02/28/83	16	62	
PAAL0012	No	70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	04/25/66-02/28/83	16	62	
PAAL0012	No	70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	04/25/66-02/28/83	16	62	
PAAL0012	No	70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	04/25/66-02/28/83	16	62	
PAAL0012	No	70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	04/25/66-02/28/83	16	62	
PAAL0012	No	70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	05/18/67-09/28/67	0	5	
PAAL0012	No	70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	05/18/67-09/28/67	0	5	
PAAL0012	No	70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	05/18/67-09/28/67	0	5	
PAAL0011	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/29/96-07/29/96	0	3	
PAAL0012	No	70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/31/90-10/14/92	1	13	
PAAL0012	No	70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	11/16/76-01/24/80	3	2	
PAAL0012	No	70955	CHLOROPHYLL-A,PERIDHYTON UG/L,CHROMO-SPECTRO	11/16/76-11/16/76	0	1	
PAAL0012	No	70956	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-SPECTRO	11/16/76-11/16/76	0	1	
PAAL0012	No	70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	10/18/77-01/24/80	2	3	
PAAL0012	No	70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	10/18/77-01/24/80	2	3	
PAAL0018	No	71000	COUNT LEVEL OF MOST ABNDNT ALGAE1ST DOMINANT /ML	10/03/66-06/05/67	0	4	
PAAL0018	No	71001	COUNT LEVEL OF MOST ABNDNT ALGAE2ND DOMINANT /ML	11/07/66-06/05/67	0	3	
PAAL0018	No	71002	COUNT LEVEL OF MOST ABNDNT ALGAE3RD DOMINANT /ML	11/07/66-06/05/67	0	3	
PAAL0018	No	71003	COUNT LEVEL OF MOST ABNDNT ALGAE4TH DOMINANT /ML	11/07/66-06/05/67	0	3	
PAAL0018	No	71004	COUNT LEVEL OF MOST ABNDNT ALGAE5TH DOMINANT /ML	11/07/66-06/05/67	0	3	
PAAL0018	No	71005	COUNT LEVEL OF MOST ABNDNT ALGAE6TH DOMINANT /ML	11/07/66-11/07/66	0	1	
PAAL0018	No	71006	COUNT LEVEL OF MOST ABNDNT ALGAE7TH DOMINANT /ML	11/07/66-11/07/66	0	1	
PAAL0018	No	71007	COUNT LEVEL OF MOST ABNDNT ALGAE8TH DOMINANT /ML	11/07/66-11/07/66	0	1	
PAAL0018	No	71008	COUNT LEVEL OF MOST ABNDNT ALGAE9TH DOMINANT /ML	11/07/66-11/07/66	0	1	
PAAL0018	No	71009	COUNT LEVEL OF MOST ABNDNT ALGAE10TH DOMINANT /ML	11/07/66-11/07/66	0	1	
PAAL0018	No	71010	GENUS OF MOST ABUNDANT ALGAE 1ST DOMINANT /ML	10/03/66-06/05/67	0	4	
PAAL0018	No	71011	GENUS OF MOST ABUNDANT ALGAE 2ND DOMINANT /ML	11/07/66-06/05/67	0	3	
PAAL0018	No	71012	GENUS OF MOST ABUNDANT ALGAE 3RD DOMINANT /ML	11/07/66-06/05/67	0	3	
PAAL0018	No	71013	GENUS OF MOST ABUNDANT ALGAE 4TH DOMINANT /ML	11/07/66-06/05/67	0	3	
PAAL0018	No	71014	GENUS OF MOST ABUNDANT ALGAE 5TH DOMINANT /ML	11/07/66-06/05/67	0	3	
PAAL0018	No	71015	GENUS OF MOST ABUNDANT ALGAE 6TH DOMINANT /ML	11/07/66-11/07/66	0	1	
PAAL0018	No	71016	GENUS OF MOST ABUNDANT ALGAE 7TH DOMINANT /ML	11/07/66-11/07/66	0	1	
PAAL0018	No	71017	GENUS OF MOST ABUNDANT ALGAE 8TH DOMINANT /ML	11/07/66-11/07/66	0	1	
PAAL0018	No	71018	GENUS OF MOST ABUNDANT ALGAE 9TH DOMINANT /ML	11/07/66-11/07/66	0	1	
PAAL0018	No	71019	GENUS OF MOST ABUNDANT ALGAE 10TH DOMINANT /ML	11/07/66-11/07/66	0	1	
PAAL0002	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	04/10/79-11/19/80	1	8	
PAAL0012	No	71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	04/25/79-01/15/81	1	12	
PAAL0012	No	71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/17/79-01/26/83	3	21	
PAAL0012	No	71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/06/66-10/17/67	0	5	
PAAL0001	No	71865	IODIDE (MG/L AS I)	09/09/69-09/09/69	0	1	
PAAL0009	No	71865	IODIDE (MG/L AS I)	09/09/69-10/06/70	1	3	
PAAL0001	No	71870	BROMIDE (MG/L AS BR)	09/09/69-09/09/69	0	1	
PAAL0009	No	71870	BROMIDE (MG/L AS BR)	09/09/69-10/06/70	1	3	
PAAL0002	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/10/79-12/16/81	2	12	
PAAL0012	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/25/79-05/03/84	5	29	
PAAL0016	No	71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/25/79-12/02/81	2	30	
PAAL0002	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	01/31/77-03/25/81	4	15	
PAAL0009	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	04/23/74-06/03/75	1	5	
PAAL0012	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/12/74-09/16/81	6	49	
PAAL0016	No	71887	NITROGEN, TOTAL, AS NO3 - MG/L	05/10/77-12/02/81	4	51	
PAAL0009	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/22/74-10/22/74	0	2	
PAAL0011	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	10/22/92-04/30/96	3	11	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0012	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	02/19/75-09/04/91	16	58	
PAAL0015	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	12/09/91-06/01/92	0	3	
PAAL0018	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	11/16/70-12/21/70	0	5	
PAAL0019	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	06/26/86-06/26/86	0	1	
PAAL0020	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	12/09/91-06/01/92	0	2	
PAAL0021	No	71890	MERCURY, DISSOLVED (UG/L AS HG)	06/26/86-06/26/86	0	1	
PAAL0012	No	71895	MERCURY, SUSPENDED (UG/L AS HG)	02/14/78-05/26/82	4	13	
PAAL0009	No	71900	MERCURY, TOTAL (UG/L AS HG)	10/22/74-10/22/74	0	1	
PAAL0011	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/12/94-04/30/96	2	10	
PAAL0012	No	71900	MERCURY, TOTAL (UG/L AS HG)	02/19/75-08/19/82	7	22	
PAAL0014	No	71900	MERCURY, TOTAL (UG/L AS HG)	04/08/81-04/08/81	0	1	
PAAL0015	No	71900	MERCURY, TOTAL (UG/L AS HG)	08/12/92-08/12/92	0	1	
PAAL0018	No	71900	MERCURY, TOTAL (UG/L AS HG)	02/01/71-02/01/71	0	1	
PAAL0011	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/22/92-04/30/96	3	15	
PAAL0014	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/08/81-04/08/81	0	1	
PAAL0015	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/09/91-08/12/92	0	4	
PAAL0020	No	71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/09/91-06/01/92	0	2	
PAAL0011	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	01/15/93-06/09/94	1	2	
PAAL0015	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	08/12/92-08/12/92	0	1	
PAAL0020	No	71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	08/12/92-08/12/92	0	1	
PAAL0017	No	71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	10/01/78-10/01/86	8	17	
PAAL0011	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	01/15/93-06/09/94	1	2	
PAAL0015	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/12/92-08/12/92	0	1	
PAAL0017	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/78-10/01/86	8	17	
PAAL0020	No	71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/12/92-08/12/92	0	1	
PAAL0011	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	01/15/93-06/09/94	1	2	
PAAL0015	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/12/92-08/12/92	0	1	
PAAL0017	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/78-10/01/86	8	17	
PAAL0020	No	71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/12/92-08/12/92	0	1	
PAAL0011	No	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	01/15/93-01/15/93	0	1	
PAAL0017	No	71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/78-10/01/86	8	17	
PAAL0011	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	01/15/93-06/09/94	1	2	
PAAL0015	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	08/12/92-08/12/92	0	1	
PAAL0020	No	71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	08/12/92-08/12/92	0	1	
PAAL0011	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	01/15/93-06/09/94	1	2	
PAAL0015	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	08/12/92-08/12/92	0	1	
PAAL0017	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/01/78-10/01/86	8	17	
PAAL0020	No	71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	08/12/92-08/12/92	0	1	
PAAL0011	No	72053	DAYS SINCE PRECIPITATION EVENT DAYS	10/22/92-04/30/96	3	16	
PAAL0015	No	72053	DAYS SINCE PRECIPITATION EVENT DAYS	07/23/90-12/08/92	2	22	
PAAL0020	No	72053	DAYS SINCE PRECIPITATION EVENT DAYS	06/01/92-10/21/93	1	4	
PAAL0011	No	73120	HEXACHLOROPHENE, DRY WEIGHT, SEDIMENT UG/KG	10/22/92-07/08/93	0	4	
PAAL0015	No	73120	HEXACHLOROPHENE, DRY WEIGHT, SEDIMENT UG/KG	06/01/92-06/01/92	0	1	
PAAL0020	No	73120	HEXACHLOROPHENE, DRY WEIGHT, SEDIMENT UG/KG	06/01/92-06/01/92	0	1	
PAAL0011	No	73159	N-NITROSO-DI-N-BUTYLAMINE, DRY WT, SEDIMENT UG/KG	10/22/92-01/29/96	3	9	
PAAL0015	No	73159	N-NITROSO-DI-N-BUTYLAMINE, DRY WT, SEDIMENT UG/KG	06/01/92-06/01/92	0	1	
PAAL0020	No	73159	N-NITROSO-DI-N-BUTYLAMINE, DRY WT, SEDIMENT UG/KG	06/01/92-06/01/92	0	1	
PAAL0011	No	73609	1-BUTANAMINE, N-BUTYL-N-NITROSO- TOTWUG/L	10/22/92-01/29/96	3	7	
PAAL0015	No	73609	1-BUTANAMINE, N-BUTYL-N-NITROSO- TOTWUG/L	06/01/92-06/01/92	0	1	
PAAL0020	No	73609	1-BUTANAMINE, N-BUTYL-N-NITROSO- TOTWUG/L	06/01/92-06/01/92	0	1	
PAAL0011	No	73611	ETHANAMINE, N-ETHYL-N-NITROSO- TOTWUG/L	10/22/92-03/08/95	2	6	
PAAL0015	No	73611	ETHANAMINE, N-ETHYL-N-NITROSO- TOTWUG/L	06/01/92-06/01/92	0	1	
PAAL0020	No	73611	ETHANAMINE, N-ETHYL-N-NITROSO- TOTWUG/L	06/01/92-06/01/92	0	1	
PAAL0011	No	74069	FLOW, ESTIMATED STREAM CFS	05/23/84-01/19/94	9	5	
PAAL0015	No	74069	FLOW, ESTIMATED STREAM CFS	03/13/84-06/01/92	8	29	
PAAL0020	No	74069	FLOW, ESTIMATED STREAM CFS	12/09/91-07/25/94	2	9	
PAAL0011	No	75192	STYRENE SEDIMENT,DRY WGT,UG/KG	01/14/93-01/14/93	0	1	
PAAL0011	No	76164	STYRENE TISSUE ,WET WGT,MG/KG	01/15/93-01/15/93	0	1	
PAAL0011	No	77045	PYRIDINE WHOLE WATER,UG/L	10/22/92-01/29/96	3	8	
PAAL0015	No	77045	PYRIDINE WHOLE WATER,UG/L	06/01/92-06/01/92	0	1	
PAAL0020	No	77045	PYRIDINE WHOLE WATER,UG/L	06/01/92-06/01/92	0	1	
PAAL0011	No	77128	STYRENE WHOLE WATER,UG/L	01/14/93-01/14/93	0	1	
PAAL0011	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	10/22/92-03/09/95	2	11	
PAAL0015	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	06/01/92-06/01/92	0	1	
PAAL0020	No	77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	06/01/92-06/01/92	0	1	
PAAL0011	No	77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	10/22/92-01/29/96	3	8	
PAAL0015	No	77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	06/01/92-06/01/92	0	1	
PAAL0020	No	77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	06/01/92-06/01/92	0	1	
PAAL0011	No	77734	1,2,4,5-TETRACHLOROBENZENE WHOLE WATER,UG/L	10/22/92-01/29/96	3	8	
PAAL0015	No	77734	1,2,4,5-TETRACHLOROBENZENE WHOLE WATER,UG/L	06/01/92-06/01/92	0	1	
PAAL0020	No	77734	1,2,4,5-TETRACHLOROBENZENE WHOLE WATER,UG/L	06/01/92-06/01/92	0	1	
PAAL0011	No	77793	PENTACHLOROBENZENE WHOLE WATER,UG/L	10/22/92-01/29/96	3	7	

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Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0015	No	77793	PENTACHLOROBENZENE WHOLE WATER,UG/L	06/01/92-06/01/92	0	1	
PAAL0020	No	77793	PENTACHLOROBENZENE WHOLE WATER,UG/L	06/01/92-06/01/92	0	1	
PAAL0011	No	78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT,DRY WEIGHT,UG/KG	10/22/92-01/29/96	3	9	
PAAL0015	No	78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT,DRY WEIGHT,UG/KG	06/01/92-08/12/92	0	2	
PAAL0020	No	78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT,DRY WEIGHT,UG/KG	06/01/92-06/01/92	0	1	
PAAL0017	No	79178	PCB-1242 TISDRYWTMG/KG	10/01/73-10/01/78	5	14	
PAAL0017	No	79179	PCB-1254 TISDRYWTMG/KG	10/01/69-10/01/86	17	45	
PAAL0017	No	79182	PCB-1248 TISDRYWTMG/KG	10/01/76-10/01/86	10	20	
PAAL0017	No	79183	PCB-1260 TISDRYWTMG/KG	10/01/73-10/01/86	13	28	
PAAL0011	No	79778	CRESOL UG/L	10/22/92-01/29/96	3	10	
PAAL0015	No	79778	CRESOL UG/L	06/01/92-06/01/92	0	1	
PAAL0020	No	79778	CRESOL UG/L	06/01/92-06/01/92	0	1	
PAAL0011	No	79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	10/22/92-03/08/95	2	7	
PAAL0015	No	79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	06/01/92-06/01/92	0	1	
PAAL0020	No	79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	06/01/92-06/01/92	0	1	
PAAL0011	No	79800	MIREX SEDIMENT,DRY,WT,UG/KG	10/22/92-03/08/95	2	7	
PAAL0015	No	79800	MIREX SEDIMENT,DRY,WT,UG/KG	06/01/92-06/01/92	0	1	
PAAL0020	No	79800	MIREX SEDIMENT,DRY,WT,UG/KG	06/01/92-06/01/92	0	1	
PAAL0012	No	80154	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	30	201	T,A,S
PAAL0012	No	80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/15/66-09/22/82	16	118	A
PAAL0012	No	80222	SUSPENDED SILT CONCENTRATION (<.0625MM) MG/L	11/13/96-11/13/96	0	1	
PAAL0011	No	80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	01/14/93-01/29/96	3	12	
PAAL0017	No	81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	10/01/86-10/01/86	0	3	
PAAL0011	No	81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	10/22/92-01/29/96	3	13	
PAAL0015	No	81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	03/09/92-06/01/92	0	2	
PAAL0020	No	81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	06/01/92-06/01/92	0	1	
PAAL0011	No	81403	DURSBAN(CHLOROPYRIFOS)WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	3	12	
PAAL0015	No	81403	DURSBAN(CHLOROPYRIFOS)WHOLE WATER SAMPLE (UG/L)	06/01/92-06/01/92	0	1	
PAAL0020	No	81403	DURSBAN(CHLOROPYRIFOS)WHOLE WATER SAMPLE (UG/L)	06/01/92-06/01/92	0	1	
PAAL0011	No	81404	DURSBAN,BOTTOM DEPOSITS,DRY WGT,UG/KG	10/22/92-01/29/96	3	13	
PAAL0015	No	81404	DURSBAN,BOTTOM DEPOSITS,DRY WGT,UG/KG	06/01/92-06/01/92	0	1	
PAAL0020	No	81404	DURSBAN,BOTTOM DEPOSITS,DRY WGT,UG/KG	06/01/92-06/01/92	0	1	
PAAL0011	No	81551	XYLENE WHL WATER SMPL UG/L	10/22/92-01/29/96	3	14	
PAAL0015	No	81551	XYLENE WHL WATER SMPL UG/L	12/09/91-08/12/92	0	4	
PAAL0020	No	81551	XYLENE WHL WATER SMPL UG/L	12/09/91-06/01/92	0	2	
PAAL0011	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	01/15/93-06/09/94	1	2	
PAAL0015	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	08/12/92-08/12/92	0	1	
PAAL0020	No	81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	08/12/92-08/12/92	0	1	
PAAL0011	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	01/15/93-06/09/94	1	2	
PAAL0015	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	08/12/92-08/12/92	0	1	
PAAL0020	No	81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	08/12/92-08/12/92	0	1	
PAAL0011	No	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	01/15/93-06/09/94	1	2	
PAAL0015	No	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	08/12/92-08/12/92	0	1	
PAAL0020	No	81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	08/12/92-08/12/92	0	1	
PAAL0011	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	01/15/93-06/09/94	1	2	
PAAL0017	No	81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	10/01/80-10/01/86	6	14	
PAAL0011	No	81666	ALUMINUM IN FISH TISSUE WET WEIGHT MG/KG	01/15/93-01/15/93	0	1	
PAAL0019	No	81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	06/26/86-06/26/86	0	1	
PAAL0021	No	81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	06/26/86-06/26/86	0	1	
PAAL0011	No	81759	ENDOSULFAN IN FISH TISSUE WET WEIGHT MG/KG	06/09/94-06/09/94	0	1	
PAAL0015	No	81759	ENDOSULFAN IN FISH TISSUE WET WEIGHT MG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	81759	ENDOSULFAN IN FISH TISSUE WET WEIGHT MG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	81802	GUTHION IN FISH TISSUE,WET WEIGHT MG/KG	01/15/93-06/09/94	1	2	
PAAL0011	No	81806	DIAZINON IN FISH TISSUE WET WEIGHT, MG/KG	01/15/93-06/09/94	1	2	
PAAL0011	No	81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	01/15/93-06/09/94	1	2	
PAAL0011	No	81810	PARATHION IN FISH TISSUE WET WEIGHT MG/KG	01/15/93-06/09/94	1	2	
PAAL0011	No	81818	SEVIN IN SEDIMENT DRY WEIGHT UG/KG	10/22/92-01/29/96	3	6	
PAAL0015	No	81818	SEVIN IN SEDIMENT DRY WEIGHT UG/KG	06/01/92-06/01/92	0	1	
PAAL0020	No	81818	SEVIN IN SEDIMENT DRY WEIGHT UG/KG	06/01/92-06/01/92	0	1	
PAAL0017	No	81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	10/01/80-10/01/86	6	14	
PAAL0012	No	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	10/22/81-10/22/81	0	1	
PAAL0019	No	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	06/26/86-06/26/86	0	1	
PAAL0021	No	81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	06/26/86-06/26/86	0	1	
PAAL0011	No	81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	06/09/94-06/09/94	0	1	
PAAL0015	No	81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	08/12/92-08/12/92	0	1	
PAAL0017	No	81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	10/01/69-10/01/86	17	45	
PAAL0020	No	81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	08/12/92-08/12/92	0	1	
PAAL0011	No	81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	06/09/94-06/09/94	0	1	
PAAL0015	No	81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	08/12/92-08/12/92	0	1	
PAAL0020	No	81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	08/12/92-08/12/92	0	1	
PAAL0017	No	81944	DDT(INCLUDES DDE & DDD) IN TISSUE WET WEIGHT MG/KG	10/01/86-10/01/86	0	3	
PAAL0011	No	81945	ANTHRACENE&PHENANTHRENE IN WHOLE WATER SAMPLE UG/L	01/14/93-01/14/93	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station/Parameter Period of Record Tabulation
From 10/01/59 To 01/07/97

Station	In Park	Code	Name	Start - End	Years	Obs	Plots[1]
PAAL0011	No	81948	ANTHRACENE&PHENANTHRENE SEDIMENT DRY WEIGHT UG/KG	01/14/93-01/14/93	0	1	
PAAL0014	No	81948	ANTHRACENE&PHENANTHRENE SEDIMENT DRY WEIGHT UG/KG	04/08/81-04/08/81	0	1	
PAAL0011	No	81949	ANTHRACENE&PHENANTHRENE IN TISSUE WET WEIGHT MG/KG	01/15/93-01/15/93	0	1	
PAAL0011	No	81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	10/22/92-01/29/96	3	14	
PAAL0015	No	81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	06/01/92-08/12/92	0	2	
PAAL0020	No	81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	06/01/92-06/01/92	0	1	
PAAL0017	No	81987	TOTAL SEDIMENT PARTICLE SIZE %COARSER THAN 9.00PHI	10/01/69-10/01/86	17	45	
PAAL0011	No	82004	DACTHAL IN TISSUE SAMPLE WET WEIGHT MG/KG	06/09/94-06/09/94	0	1	
PAAL0017	No	82004	DACTHAL IN TISSUE SAMPLE WET WEIGHT MG/KG	10/01/78-10/01/86	8	17	
PAAL0011	No	82008	SEDIMENT PRCTL.SIZE CLASS .0039-.0625 SILT %DRY WT	01/14/93-01/29/96	3	12	
PAAL0011	No	82009	SEDIMENT PRCTL.SIZE CLASS <.0039 CLAY %DRY WT	01/14/93-01/29/96	3	12	
PAAL0017	No	82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	10/01/78-10/01/86	8	17	
PAAL0011	No	82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	01/14/93-01/14/93	0	1	
PAAL0019	No	82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	06/26/86-06/26/86	0	1	
PAAL0021	No	82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	06/26/86-06/26/86	0	1	
PAAL0012	No	82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	01/15/81-04/08/81	0	3	
PAAL0012	No	82183	2,4-DP (DICHLORPROP) TOTAL UG/L	02/24/82-05/25/82	0	2	
PAAL0019	No	82183	2,4-DP (DICHLORPROP) TOTAL UG/L	06/26/86-06/26/86	0	1	
PAAL0021	No	82183	2,4-DP (DICHLORPROP) TOTAL UG/L	06/26/86-06/26/86	0	1	
PAAL0019	No	82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	06/26/86-06/26/86	0	1	
PAAL0021	No	82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	06/26/86-06/26/86	0	1	
PAAL0011	No	82394	HARDNESS,TOTAL CALCULATED(CA,MG,FE) AS CACO3 MG/L	10/26/95-10/26/95	0	1	
PAAL0012	No	82398	SAMPLING METHOD (CODES)	10/22/74-01/07/97	22	46	
PAAL0011	No	82400	DEMETON IN SEDIMENT (SYSTOX) DRY WEIGHT UG/KG	10/22/92-01/29/96	3	9	
PAAL0015	No	82400	DEMETON IN SEDIMENT (SYSTOX) DRY WEIGHT UG/KG	06/01/92-06/01/92	0	1	
PAAL0020	No	82400	DEMETON IN SEDIMENT (SYSTOX) DRY WEIGHT UG/KG	06/01/92-06/01/92	0	1	
PAAL0011	No	82404	ATRAZINE IN FISH TISSUE WET WEIGHT MG/KG	01/15/93-01/15/93	0	1	
PAAL0011	No	82406	SIMAZINE IN FISH TISSUE (PRINCEP)WET WEIGHT MG/KG	01/15/93-01/15/93	0	1	
PAAL0011	No	82612	METOLACHLOR, WHOLE WATER, TOTAL RECOVERABLE UG/L	01/14/93-01/14/93	0	1	
PAAL0011	No	82615	CARBOFURAN, WHOLE WATER, TOTAL RECOVERABLE UG/L	01/14/93-01/14/93	0	1	
PAAL0011	No	82619	ALDICARB, WHOLE WATER, TOTAL RECOVERABLE UG/L	01/14/93-01/14/93	0	1	
PAAL0012	No	82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	82660	DIETHYLANILINE, 2, 6-,0.7UM FILT,TOT RECV,WTR UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	82678	TRIALLATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	0	11	
PAAL0012	No	82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	0	11	
PAAL0002	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	03/29/82-03/29/82	0	1	
PAAL0004	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	06/03/75-06/03/75	0	1	
PAAL0009	No	84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)	06/03/75-06/03/75	0	1	
PAAL0002	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	03/29/82-03/29/82	0	1	
PAAL0004	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	06/03/75-06/03/75	0	1	
PAAL0009	No	84001	AQUIFER NAME CODE (SEE USGS CATALOG)	06/03/75-06/03/75	0	1	
PAAL0011	No	84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE	01/15/93-06/09/94	1	2	
PAAL0015	No	84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE	08/12/92-08/12/92	0	1	
PAAL0020	No	84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE	08/12/92-08/12/92	0	1	

[1]T=Times Series Plot, A=Annual Plot, and S=Seasonal Plot

Station-By-Station Results

Station Inventory for Station: PAAL0001

NPS Station ID: PAAL0001
LAT/LON: 25.996115/ -97.290003
Agency: 112WRD
Date Created: 11/07/81
Location: 1234202LAGUNA MADRE ES LINE 342 SITE 02
FIPS State/County: 48061 TEXAS/CAMERON
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 255946097172400
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 12110208
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 12110208030
RF1 Mile Point: 9.850
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: PAAL0001

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/09/69-09/09/69	7	10.	11.857	30.	1.	111.81	10.574	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/09/69-09/09/69	7	30.2	30.057	30.3	29.8	0.046	0.215	**	**	**	**
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/09/69-09/09/69	1	0.61	0.61	0.61	0.61	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/09/69-09/09/69	7	53000.	52571.429	56000.	49000.	5952380.952	2439.75	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	09/09/69-09/09/69	7	1.7	2.057	5.3	0.	3.54	1.881	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	09/09/69-09/09/69	7	28.	34.143	88.	0.	982.143	31.339	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	09/09/69-09/09/69	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	09/09/69-09/09/69	7	7.3	7.214	7.5	6.6	0.105	0.324	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	09/09/69-09/09/69	7	7.3	7.091	7.5	6.6	0.122	0.35	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/09/69-09/09/69	7	0.05	0.081	0.251	0.032	0.006	0.079	**	**	**	**
00405	CARBON DIOXIDE (MG/L AS CO2)	09/09/69-09/09/69	1	80.	80.	80.	80.	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	09/09/69-09/09/69	1	162.	162.	162.	162.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	09/09/69-09/09/69	1	198.	198.	198.	198.	0.	0.	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	09/09/69-09/09/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	09/09/69-09/09/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	09/09/69-09/09/69	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/09/69-09/09/69	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	09/09/69-09/09/69	1	0.09	0.09	0.09	0.09	0.	0.	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/09/69-09/09/69	1	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	09/09/69-09/09/69	1	6200.	6200.	6200.	6200.	0.	0.	**	**	**	**
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	09/09/69-09/09/69	1	6000.	6000.	6000.	6000.	0.	0.	**	**	**	**
00915	CALCIUM, DISSOLVED (MG/L AS CA)	09/09/69-09/09/69	1	419.9	419.9	419.9	419.9	0.	0.	**	**	**	**
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	09/09/69-09/09/69	1	1240.	1240.	1240.	1240.	0.	0.	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	09/09/69-09/09/69	1	10000.	10000.	10000.	10000.	0.	0.	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	09/09/69-09/09/69	1	17800.	17800.	17800.	17800.	0.	0.	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	09/09/69-09/09/69	1	2600.	2600.	2600.	2600.	0.	0.	**	**	**	**
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/09/69-09/09/69	1	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	09/09/69-09/09/69	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/09/69-09/09/69	1	4500.	4500.	4500.	4500.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	09/09/69-09/09/69	1	32200.	32200.	32200.	32200.	0.	0.	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	09/09/69-09/09/69	1	43.8	43.8	43.8	43.8	0.	0.	**	**	**	**
71865	IODIDE (MG/L AS I)	09/09/69-09/09/69	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/09/69-09/09/69	1	45.	45.	45.	45.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: PAAL0001

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------10/01-11/30---------- Obs	Exceed	Prop.	----------12/01-3/31---------- Obs	Exceed	Prop.	----------4/01-9/30---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	7	6	0.86							7	6	0.86			
00400	PH	Marine Chronic	8.5	7	0	0.00							7	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00							7	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: PAAL0002

NPS Station ID: PAAL0002
LAT/LON: 25.997781/ -97.290003
Agency: 112WRD
Date Created: 06/29/78
Location: 1234302LAGUNA MADRE ES LINE 343 SITE 02
FIPS State/County: 48061 TEXAS/CAMERON
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 255952097172400
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 12110208
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 12110208030
RF1 Mile Point: 9.710
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: PAAL0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-03/29/82	99	15.	16.697	45.	1.	170.499	13.058	1.	5.	30.	36.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-12/16/81	96	25.	23.904	30.7	10.5	25.129	5.013	14.5	20.3	27.675	29.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/74-02/04/75	17	10.	22.353	90.	5.	512.868	22.647	5.	10.	25.	62.
00078	TRANSPARENCY, SECCHI DISC (METERS)	09/09/69-03/29/82	17	0.66	0.715	1.65	0.27	0.123	0.351	0.294	0.485	0.835	1.266
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-03/29/82	93	49000.	48865.591	56000.	20000.	27328368.396	5227.654	43280.	46000.	53000.	55000.
00300	OXYGEN, DISSOLVED MG/L	08/21/68-12/16/81	91	5.4	5.523	8.4	0.1	3.029	1.74	3.8	4.2	6.7	8.08
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-12/16/81	91	79.	76.862	119.9	1.	415.119	20.374	51.6	63.	90.	100.52
00310	BOD, 5 DAY, 20 DEG C MG/L	01/31/77-03/29/82	17	1.4	1.794	6.	0.6	1.687	1.299	0.68	1.	2.2	3.92
00400	PH (STANDARD UNITS)	08/21/68-12/16/81	88	8.	8.024	9.2	7.4	0.094	0.307	7.69	7.9	8.2	8.4
00400	CONVERTED PH (STANDARD UNITS)	08/21/68-12/16/81	88	8.	7.932	9.2	7.4	0.103	0.321	7.69	7.9	8.2	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/68-12/16/81	88	0.01	0.012	0.04	0.001	0.	0.008	0.004	0.006	0.013	0.02
00600	NITROGEN, TOTAL (MG/L AS N)	01/31/77-03/25/81	15	0.57	0.551	0.93	0.23	0.037	0.194	0.242	0.4	0.64	0.864
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	01/31/77-03/29/82	17	0.48	0.431	0.78	0.03	0.044	0.21	0.126	0.225	0.58	0.724
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	01/31/77-03/29/82	19	0.04	0.089	0.55	0.	0.015	0.124	0.01	0.03	0.1	0.21
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	01/31/77-03/29/82	19	0.01	0.016	0.06	0.	0.	0.014	0.	0.01	0.02	0.04
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	01/31/77-03/25/81	15	0.01	0.016	0.09	0.	0.001	0.027	0.	0.	0.01	0.078
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/31/77-03/29/82	19	0.55	0.542	0.82	0.22	0.028	0.166	0.24	0.46	0.65	0.73
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	01/31/77-03/29/82	19	0.03	0.037	0.11	0.	0.001	0.03	0.	0.01	0.05	0.09
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/10/79-04/10/79	2	0.135	0.135	0.18	0.09	0.004	0.064	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/31/77-03/29/82	19	0.05	0.048	0.12	0.005	0.001	0.028	0.005	0.03	0.06	0.08
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	01/31/77-03/29/82	18	3.	3.944	11.	1.6	6.067	2.463	2.14	2.375	4.75	9.02
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	04/10/79-11/19/80	8	0.07	0.136	0.7	0.	0.053	0.231	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/10/79-12/16/81	12	0.12	0.13	0.21	0.03	0.003	0.053	0.048	0.09	0.173	0.21
71887	NITROGEN, TOTAL, AS NO3 - MG/L	01/31/77-03/25/81	15	2.5	2.44	4.1	1.	0.718	0.848	1.06	1.8	2.8	3.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: PAAL0002

				Total	Exceed	Prop.	----------10/01-11/30----------			----------12/01-3/31----------			----------4/01-9/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	17	3	0.18	7	0	0.00	6	2	0.33	4	1	0.25			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	91	18	0.20	25	5	0.20	20	0	0.00	46	13	0.28			
00400	PH	Marine Chronic	8.5	88	4	0.05	25	0	0.00	20	3	0.15	43	1	0.02			
		Other-Lo Lim.	6.5	88	0	0.00	25	0	0.00	20	0	0.00	43	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: PAAL0002

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------10/01-11/30---------- Obs	Exceed	Prop.	----------12/01-3/31---------- Obs	Exceed	Prop.	----------4/01-9/30---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1968 - Station PAAL0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-03/29/82	7	15.	17.429	34.	1.	133.286	11.545	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-12/16/81	7	28.	27.957	29.9	26.	1.916	1.384	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-03/29/82	7	55000.	55142.857	56000.	54000.	809523.81	899.735	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/21/68-12/16/81	7	4.3	4.629	6.3	3.8	0.772	0.879	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-12/16/81	7	69.	74.414	104.9	58.	253.935	15.935	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station PAAL0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-03/29/82	7	15.	17.	38.	1.	178.667	13.367	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-12/16/81	7	30.3	30.271	30.7	29.8	0.112	0.335	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-03/29/82	7	54000.	54142.857	56000.	53000.	1809523.81	1345.185	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/21/68-12/16/81	7	3.8	3.957	5.3	2.3	1.553	1.246	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-12/16/81	7	63.	66.143	90.	38.	463.81	21.536	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station PAAL0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-03/29/82	6	7.5	12.167	39.	1.	198.567	14.091	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-12/16/81	5	27.7	27.9	28.7	27.4	0.265	0.515	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-03/29/82	6	44000.	40166.667	50000.	20000.	115766666.667	10759.492	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/21/68-12/16/81	5	4.	4.32	5.1	3.9	0.267	0.517	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-12/16/81	5	60.	63.8	76.	56.	62.2	7.887	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station PAAL0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-03/29/82	5	10.	13.6	32.	1.	156.3	12.502	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-12/16/81	5	29.5	29.44	29.5	29.3	0.008	0.089	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station PAAL0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-03/29/82	12	12.5	16.5	45.	1.	202.818	14.241	1.	5.	27.5	42.3
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-12/16/81	12	25.05	24.592	26.7	20.9	4.164	2.041	20.9	23.125	26.15	26.67
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-03/29/82	12	45500.	45500.	53000.	38000.	23909090.909	4889.692	38300.	42250.	49500.	53000.
00300	OXYGEN, DISSOLVED MG/L	08/21/68-12/16/81	12	4.75	4.9	6.9	2.8	1.495	1.223	3.1	3.875	6.05	6.72
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-12/16/81	12	70.	69.667	97.	39.	295.697	17.196	43.5	56.25	85.25	94.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station PAAL0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-03/29/82	12	17.5	18.	39.	1.	173.636	13.177	1.	6.25	30.	37.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-12/16/81	12	23.55	23.933	25.2	23.2	0.501	0.708	23.23	23.4	24.625	25.11
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-03/29/82	12	48000.	48000.	48000.	48000.	0.	0.	48000.	48000.	48000.	48000.
00300	OXYGEN, DISSOLVED MG/L	08/21/68-12/16/81	12	5.75	5.942	8.4	2.4	3.01	1.735	2.91	4.825	7.525	8.31
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-12/16/81	12	80.5	83.808	119.9	33.	657.635	25.644	40.2	67.	108.675	119.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station PAAL0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-03/29/82	14	17.5	17.571	40.	1.	164.264	12.817	1.	5.	30.	37.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-12/16/81	14	24.5	23.05	26.1	19.6	8.497	2.915	19.65	19.875	26.	26.05
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-03/29/82	14	52000.	49285.714	52000.	45000.	10681318.681	3268.229	45000.	46000.	52000.	52000.
00300	OXYGEN, DISSOLVED MG/L	08/21/68-12/16/81	14	5.5	5.236	8.	0.1	4.35	2.086	1.25	4.5	6.625	7.9
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-12/16/81	14	75.5	72.629	103.9	1.	717.791	26.792	18.5	67.5	88.25	102.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station PAAL0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-03/29/82	9	10.	14.444	36.	1.	166.778	12.914	1.	3.5	25.5	36.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-12/16/81	9	25.	20.	28.	10.5	66.375	8.147	10.5	11.5	27.75	28.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-03/29/82	9	51000.	50000.	55000.	44000.	22250000.	4716.991	44000.	44500.	55000.	55000.
00300	OXYGEN, DISSOLVED MG/L	08/21/68-12/16/81	9	5.4	6.033	8.4	3.8	3.31	1.819	3.8	4.45	7.8	8.4
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-12/16/81	9	87.	80.889	94.	62.	146.111	12.088	62.	69.	91.	94.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station PAAL0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-03/29/82	3	21.	20.333	39.	1.	361.333	19.009	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-12/16/81	3	14.	14.167	14.5	14.	0.083	0.289	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-03/29/82	3	51000.	50000.	53000.	46000.	13000000.	3605.551	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/21/68-12/16/81	3	8.1	8.067	8.4	7.7	0.123	0.351	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-12/16/81	3	101.	101.	103.	99.	4.	2.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station PAAL0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-03/29/82	8	15.	16.625	40.	1.	193.125	13.897	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-12/16/81	8	24.	24.375	27.	21.5	3.911	1.978	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-03/29/82	8	49750.	48837.5	54000.	42200.	14896964.286	3859.659	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/21/68-12/16/81	8	6.15	5.775	6.6	4.4	0.711	0.843	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-12/16/81	8	80.	77.375	94.	46.	249.125	15.784	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station PAAL0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-03/29/82	7	18.	17.571	37.	1.	221.619	14.887	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-12/16/81	7	15.	20.571	29.	14.	57.452	7.58	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-03/29/82	6	51700.	51650.	53500.	49800.	2831000.	1682.558	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/21/68-12/16/81	7	8.	6.314	8.4	2.2	6.401	2.53	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-12/16/81	7	93.	79.857	98.	34.	587.81	24.245	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station PAAL0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-03/29/82	7	20.	18.143	35.	1.	212.143	14.565	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-12/16/81	7	19.5	19.143	19.5	18.5	0.226	0.476	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-03/29/82	7	48400.	47971.429	50000.	45000.	3809047.619	1951.678	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/21/68-12/16/81	7	6.7	6.943	8.	6.3	0.45	0.67	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-12/16/81	7	85.	89.143	102.	83.	62.476	7.904	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station PAAL0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-03/29/82	2	18.5	18.5	36.	1.	612.5	24.749	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-03/29/82	2	45050.	45050.	46400.	43700.	3645000.	1909.188	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station PAAL0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-03/29/82	26	10.	15.538	40.	1.	182.738	13.518	1.	4.5	22.5	39.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-12/16/81	25	25.8	23.864	28.7	14.	20.267	4.502	14.5	23.35	26.85	27.86
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-03/29/82	25	48000.	45444.	54000.	20000.	46641733.333	6829.475	37600.	42600.	49900.	51100.
00300	OXYGEN, DISSOLVED MG/L	08/21/68-12/16/81	25	5.	5.44	8.4	2.4	2.478	1.574	3.86	4.25	6.4	8.18
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-12/16/81	25	74.	74.48	98.	33.	259.677	16.114	56.6	62.	89.5	96.4
00400	PH (STANDARD UNITS)	08/21/68-12/16/81	25	8.	7.92	8.2	7.5	0.041	0.202	7.6	7.8	8.1	8.2
00400	CONVERTED PH (STANDARD UNITS)	08/21/68-12/16/81	25	8.	7.873	8.2	7.5	0.043	0.208	7.6	7.8	8.1	8.2
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/68-12/16/81	25	0.01	0.013	0.032	0.006	0.	0.007	0.006	0.008	0.016	0.025

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station PAAL0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-03/29/82	22	20.	17.864	40.	1.	217.361	14.743	1.	1.	35.	38.1
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-12/16/81	20	19.25	17.085	20.1	10.5	12.138	3.484	11.1	14.	19.675	20.08
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-03/29/82	22	46000.	46904.545	53000.	43700.	6262359.307	2502.471	44000.	45000.	49025.	50700.
00300	OXYGEN, DISSOLVED MG/L	08/21/68-12/16/81	20	7.5	7.25	8.4	5.4	0.784	0.885	5.85	6.525	8.	8.37
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-12/16/81	20	91.	90.89	103.9	69.	97.115	9.855	74.9	84.	100.425	102.9
00400	PH (STANDARD UNITS)	08/21/68-12/16/81	20	8.05	8.23	9.2	7.9	0.163	0.404	7.9	7.9	8.4	8.99
00400	CONVERTED PH (STANDARD UNITS)	08/21/68-12/16/81	20	8.047	8.104	9.2	7.9	0.18	0.424	7.9	7.9	8.4	8.99
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/68-12/16/81	20	0.009	0.008	0.013	0.001	0.	0.005	0.001	0.004	0.013	0.013

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 9/30 - Station PAAL0002

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-03/29/82	51	15.	16.784	45.	1.	150.213	12.256	1.	5.	30.	34.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-12/16/81	51	26.	26.598	30.7	20.9	7.401	2.72	22.94	24.9	29.3	30.14
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-03/29/82	46	52000.	51663.043	56000.	43000.	11689492.754	3418.99	46000.	48750.	54000.	56000.
00300	OXYGEN, DISSOLVED MG/L	08/21/68-12/16/81	46	4.8	4.817	8.4	0.1	2.567	1.602	2.68	3.8	5.825	6.63
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-12/16/81	46	75.	72.057	119.9	1.	536.522	23.163	38.7	58.75	86.25	98.67
00400	PH (STANDARD UNITS)	08/21/68-12/16/81	43	8.	7.988	8.5	7.4	0.07	0.265	7.54	7.9	8.2	8.3
00400	CONVERTED PH (STANDARD UNITS)	08/21/68-12/16/81	43	8.	7.903	8.5	7.4	0.078	0.278	7.54	7.9	8.2	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/68-12/16/81	43	0.01	0.012	0.04	0.003	0.	0.009	0.005	0.006	0.013	0.029

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: PAAL0003

NPS Station ID: PAAL0003
LAT/LON: 25.998615/ -97.291671
Agency: 21TEXWR
Date Created: 01/29/79
Location: BUOY 35
FIPS State/County: 48061 TEXAS/CAMERON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 24949905
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 12110208
Depth of Water: 999
Aquifer:
Major Basin: WESTERN GULF
Elevation: 0
Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER
ECO Region:
RF1 Index: 12110208030
RF1 Mile Point: 9.710
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
DATA FROM TEXAS DEPARTMENT OF WATER RESOURCES SAMPLES ANALYZED FOR TOXICS
SAMPLE TAKEN FROM BROWNVILLE SHIP CHANNEL AT BUOY 35

Parameter Inventory for Station: PAAL0003

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01022 BORON, TOTAL (UG/L AS B)	06/01/74-06/01/74	1	5700.	5700.	5700.	5700.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: PAAL0004

NPS Station ID: PAAL0004
LAT/LON: 25.979170/ -97.321670
Agency: 112WRD
Date Created: 11/07/81
Location: 1233402LAGUNA MADRE ES LINE 334 SITE 02
FIPS State/County: 48061 TEXAS/CAMERON
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 255845097191800
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 12110208
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 12110208030
RF1 Mile Point: 12.290
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: PAAL0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-06/03/75	63	20.	18.603	45.	1.	172.695	13.141	1.	5.	30.	37.6
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-06/03/75	63	26.4	25.897	30.5	19.4	9.445	3.073	20.36	23.8	28.3	29.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/74-02/04/75	17	15.	21.765	60.	0.	324.816	18.023	0.	10.	37.5	56.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/21/68-06/03/75	10	0.865	0.904	1.3	0.64	0.04	0.2	0.652	0.76	1.02	1.287
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-06/03/75	57	48000.	48333.333	56000.	34000.	24261904.762	4925.637	42000.	45500.	53000.	55000.
00300	OXYGEN, DISSOLVED MG/L	08/21/68-06/03/75	57	4.3	4.772	9.8	0.	4.457	2.111	2.28	3.45	5.85	8.1
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-06/03/75	57	64.	69.425	159.9	0.	928.575	30.473	34.8	54.	82.5	115.9
00400	PH (STANDARD UNITS)	08/21/68-02/04/75	58	7.9	7.886	8.6	7.3	0.09	0.3	7.4	7.675	8.025	8.3
00400	CONVERTED PH (STANDARD UNITS)	08/21/68-02/04/75	58	7.9	7.783	8.6	7.3	0.101	0.318	7.4	7.675	8.025	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/68-02/04/75	58	0.013	0.016	0.05	0.003	0.	0.013	0.005	0.009	0.021	0.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: PAAL0004

				Total	Exceed	Prop.	----------10/01-11/30----------			----------12/01-3/31----------			----------4/01-9/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	17	2	0.12	6	1	0.17	6	0	0.00	5	1	0.20			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	57	22	0.39	19	9	0.47	6	0	0.00	32	13	0.41			
00400	PH	Marine Chronic	8.5	58	2	0.03	19	0	0.00	6	0	0.00	33	2	0.06			
		Other-Lo Lim.	6.5	58	0	0.00	19	0	0.00	6	0	0.00	33	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station PAAL0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-06/03/75	19	15.	16.789	39.	1.	166.62	12.908	1.	5.	29.	37.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-06/03/75	19	26.6	25.884	28.2	23.6	2.433	1.56	23.7	23.8	26.9	27.4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-06/03/75	19	46000.	44736.842	50000.	34000.	18093567.251	4253.653	39000.	42000.	48000.	48000.
00300	OXYGEN, DISSOLVED MG/L	08/21/68-06/03/75	19	4.1	4.658	9.7	2.4	3.809	1.952	2.7	3.6	4.7	8.9
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-06/03/75	19	60.	67.247	136.9	36.	731.248	27.042	38.	54.	70.	124.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station PAAL0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-06/03/75	6	15.	17.667	40.	1.	230.667	15.188	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-06/03/75	6	19.6	19.6	19.8	19.4	0.02	0.141	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-06/03/75	6	43000.	44000.	46000.	43000.	2400000.	1549.193	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/21/68-06/03/75	6	6.4	6.483	7.2	5.9	0.242	0.492	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-06/03/75	6	81.5	82.5	92.	76.	37.1	6.091	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 9/30 - Station PAAL0004

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-06/03/75	38	20.	19.658	45.	1.	174.177	13.198	1.	8.75	30.	38.2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-06/03/75	38	26.6	26.897	30.5	21.2	7.184	2.68	23.09	24.875	29.5	29.61
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-06/03/75	32	52000.	51281.25	56000.	45000.	12402217.742	3521.678	45300.	48000.	54000.	55000.
00300	OXYGEN, DISSOLVED MG/L	08/21/68-06/03/75	32	4.3	4.519	9.8	0.	5.159	2.271	1.59	3.1	5.65	8.1
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-06/03/75	32	64.5	68.266	159.9	0.	1209.464	34.777	26.5	46.5	85.25	115.9

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: PAAL0005

NPS Station ID: PAAL0005 LAT/LON: 25.975004/ -97.333338 Agency: 21TEXWR Date Created: 01/29/79
Location: SAN MARTIN LAKE OUTFALL FIPS State/County: 48061 TEXAS/CAMERON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 24949904
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 12110208 Depth of Water: 999 Aquifer:
Major Basin: WESTERN GULF Elevation: 0 Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER ECO Region:
RF1 Index: 12110208030 RF1 Mile Point: 13.150 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
DATA FROM TEXAS DEPARTMENT OF WATER RESOURCES SAMPLES ANALYZED FOR TOXICS
SAMPLE TAKEN FROM BROWNVILLE SHIP CHANNEL AT SAN MARTIN LAKE OUTLET

Parameter Inventory for Station: PAAL0005

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01007	BARIUM, TOTAL (UG/L AS BA)	06/01/74-06/01/74	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	06/01/74-06/01/74	1	5400.	5400.	5400.	5400.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	06/01/74-06/01/74	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/01/74-06/01/74	1	400.	400.	400.	400.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/01/74-06/01/74	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/01/74-06/01/74	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	06/01/74-06/01/74	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/01/74-06/01/74	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	06/01/74-06/01/74	1	12.	12.	12.	12.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: PAAL0005

				Total	Exceed	Prop.	----------10/01-11/30----------			----------12/01-3/31----------			----------4/01-9/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	1	1.00							1	1	1.00			
		Drinking Water	100.	1	1	1.00							1	1	1.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	1	1.00							1	1	1.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	1	1	1.00							1	1	1.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: PAAL0006

NPS Station ID: PAAL0006 LAT/LON: 25.975004/ -97.341115 Agency: 21TEXWR Date Created: 01/29/79
Location: FISHING HARBOR OUTLET FIPS State/County: 48061 TEXAS/CAMERON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 24949903
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 12110208 Depth of Water: 999 Aquifer:
Major Basin: WESTERN GULF Elevation: 0 Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER ECO Region:
RF1 Index: 12110208030 RF1 Mile Point: 13.490 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
DATA FROM TEXAS DEPARTMENT OF WATER RESOURCES SAMPLES ANALYZED FOR TOXICS
SAMPLE TAKEN FROM BROWNSVILLE SHIP CHANNEL AT FISHING HARBOR OUTLET

Parameter Inventory for Station: PAAL0006

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01007	BARIUM, TOTAL (UG/L AS BA)	06/01/74-06/01/74	1	200.	200.	200.	200.	0.	0.	**	**	**	**
01022	BORON, TOTAL (UG/L AS B)	06/01/74-06/01/74	1	5500.	5500.	5500.	5500.	0.	0.	**	**	**	**
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	06/01/74-06/01/74	1	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	06/01/74-06/01/74	1	400.	400.	400.	400.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	06/01/74-06/01/74	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	06/01/74-06/01/74	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	06/01/74-06/01/74	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	06/01/74-06/01/74	1	100.	100.	100.	100.	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	06/01/74-06/01/74	1	10.	10.	10.	10.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: PAAL0006

				Total	Exceed	Prop.	----------10/01-11/30----------			----------12/01-3/31----------			----------4/01-9/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
01007	BARIUM, TOTAL	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	1	1	1.00							1	1	1.00			
		Drinking Water	100.	1	1	1.00							1	1	1.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	1	1.00							1	1	1.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	1	1.00							1	1	1.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	1	1	1.00							1	1	1.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: PAAL0007

NPS Station ID: PAAL0007
LAT/LON: 25.975560/ -97.373615
Agency: EFTX1
Date Created: 07/06/76
Location: UNION CARBIDE CORPORATION
FIPS State/County: 48061 TEXAS/CAMERON
Station Type: /TYPA/IND/TREATD/OUTFL/STREAM
STORET Station ID(s): TX0030139
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 12110208
Depth of Water: 1
Aquifer:
Major Basin: BROWNSVILLE 78520
Elevation: 0
Water Body Id:
Minor Basin: RECVG STRM BROWNSVILLE SHIPCHANNEL
ECO Region:
RF1 Index: 12110208030
RF1 Mile Point: 13.150
Distance from RF1: 0.00
On/Off RF1: OFF
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: PAAL0007

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: PAAL0008

NPS Station ID: PAAL0008
LAT/LON: 25.960281/ -97.376393
Agency: 21TEXWR
Date Created: 01/29/79
Location: WCID #5 HARBOR OUTLET
FIPS State/County: 48061 TEXAS/CAMERON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 24949902
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 12110208
Depth of Water: 999
Aquifer:
Major Basin: WESTERN GULF
Elevation: 0
Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER
ECO Region:
RF1 Index: 12110208030
RF1 Mile Point: 16.360
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
DATA FROM TEXAS DEPARTMENT OF WATER RESOURCES SAMPLES ANALYZED FOR TOXICS
SAMPLE TAKEN FROM BROWNSVILLE SHIP CHANNEL AT WCID # 5 HARBOR OUTLET

Parameter Inventory for Station: PAAL0008

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01022 BORON, TOTAL (UG/L AS B)	06/01/74-06/01/74	1	1800.	1800.	1800.	1800.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Station Inventory for Station: PAAL0009

NPS Station ID: PAAL0009
LAT/LON: 25.950559/ -97.401671
Agency: 112WRD
Date Created: 11/07/81
Location: 1232002LAGUNA MADRE ES LINE 320 SITE 02
FIPS State/County: 48061 TEXAS/CAMERON
Station Type: /TYPA/AMBNT/ESTURY
STORET Station ID(s): 255702097240600
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 12110208
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 12110208032
RF1 Mile Point: 0.480
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: PAAL0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-06/03/75	67	15.	17.239	45.	1.	146.578	12.107	1.	5.	30.	35.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-06/03/75	67	26.9	26.146	30.9	19.1	10.573	3.252	21.54	24.3	28.8	30.08
00070	TURBIDITY, (JACKSON CANDLE UNITS)	04/23/74-02/04/75	16	10.	12.813	30.	0.	73.229	8.557	3.5	6.25	18.75	30.
00078	TRANSPARENCY, SECCHI DISC (METERS)	08/21/68-06/03/75	9	1.52	1.6	2.57	1.05	0.309	0.555	1.05	1.14	2.115	2.57
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-06/03/75	62	48000.	48500.	56000.	22000.	32844262.295	5730.991	43000.	46000.	52250.	55000.
00300	OXYGEN, DISSOLVED MG/L	08/21/68-06/03/75	67	3.5	4.061	12.7	0.	9.412	3.068	0.	1.8	6.4	7.8
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-06/03/75	67	53.	60.609	210.9	0.	2284.186	47.793	0.	27.	88.	111.3
00310	BOD, 5 DAY, 20 DEG C MG/L	08/21/68-06/03/75	20	1.3	1.615	3.9	0.3	0.925	0.962	0.53	0.925	2.3	3.39
00335	COD, .025N K2CR2O7 MG/L	10/06/70-05/22/73	6	12.	17.333	36.	3.	205.467	14.334	**	**	**	**
00400	PH (STANDARD UNITS)	08/21/68-02/04/75	59	7.9	7.847	8.5	7.2	0.075	0.274	7.4	7.7	8.	8.3
00400	CONVERTED PH (STANDARD UNITS)	08/21/68-02/04/75	59	7.9	7.756	8.5	7.2	0.084	0.29	7.4	7.7	8.	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/68-02/04/75	59	0.013	0.018	0.063	0.003	0.	0.014	0.005	0.01	0.02	0.04
00405	CARBON DIOXIDE (MG/L AS CO2)	08/21/68-02/04/75	7	3.4	5.6	17.	2.2	26.693	5.167	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	08/21/68-06/03/75	9	131.	129.444	141.	115.	78.278	8.847	115.	121.5	137.	141.
00440	BICARBONATE ION (MG/L AS HCO3)	08/21/68-06/03/75	9	160.	157.778	172.	140.	117.444	10.837	140.	148.	167.	172.
00445	CARBONATE ION (MG/L AS CO3)	06/03/75-06/03/75	2	0.	0.	0.	0.	0.	0.	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	04/23/74-06/03/75	5	0.09	0.25	0.7	0.03	0.082	0.286	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	04/23/74-06/03/75	5	0.06	0.086	0.19	0.	0.009	0.094	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/21/68-06/03/75	20	0.09	0.138	0.48	0.	0.018	0.135	0.	0.04	0.225	0.376
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/21/68-06/03/75	20	0.01	0.017	0.12	0.	0.001	0.029	0.	0.	0.019	0.052
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/21/68-06/03/75	20	0.005	0.024	0.1	0.	0.001	0.037	0.	0.	0.028	0.1
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	04/23/74-06/03/75	5	0.08	0.222	0.67	0.	0.085	0.291	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	04/23/74-06/03/75	5	0.03	0.028	0.06	0.01	0.	0.02	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	08/21/68-10/29/73	12	0.135	0.188	0.52	0.	0.024	0.154	0.018	0.09	0.295	0.484
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/21/68-06/03/75	20	0.095	0.125	0.42	0.04	0.008	0.089	0.06	0.07	0.148	0.239
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	08/21/68-10/29/73	12	0.045	0.062	0.17	0.	0.002	0.05	0.006	0.03	0.095	0.158
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	09/26/72-06/03/75	10	4.6	7.42	21.	2.6	34.7	5.891	2.64	3.75	10.175	20.3
00900	HARDNESS, TOTAL (MG/L AS CACO3)	08/21/68-06/03/75	9	5900.	5833.333	6900.	3300.	1127500.	1061.838	3300.	5550.	6550.	6900.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	08/21/68-06/03/75	9	5800.	5688.889	6800.	3200.	1128611.111	1062.361	3200.	5350.	6400.	6800.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	08/21/68-06/03/75	9	390.	379.956	427.9	229.9	3522.253	59.349	229.9	375.	415.95	427.9
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	08/21/68-06/03/75	9	1200.	1182.211	1410.	659.9	50232.501	224.126	659.9	1100.	1335.	1410.
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/22/74-06/03/75	5	10000.	10020.	11000.	9500.	352000.	593.296	**	**	**	**
00931	SODIUM ADSORPTION RATIO	10/22/74-06/03/75	5	56.	57.	62.	54.	10.	3.162	**	**	**	**
00932	SODIUM, PERCENT	10/22/74-06/03/75	5	78.	77.4	79.	76.	1.8	1.342	**	**	**	**
00933	SODIUM,PLUS POTASSIUM (MG/L)	08/21/68-10/06/70	4	10350.	9125.	11500.	4300.	11122500.	3335.041	**	**	**	**
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/22/74-06/03/75	5	420.	410.	450.	360.	1250.	35.355	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	08/21/68-06/03/75	9	17000.	16922.222	20500.	8000.	13379444.444	3657.792	8000.	16500.	19400.	20500.
00945	SULFATE, TOTAL (MG/L AS SO4)	08/21/68-06/03/75	9	2500.	2422.222	2820.	1200.	252044.444	502.04	1200.	2300.	2790.	2820.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00950	FLUORIDE, DISSOLVED (MG/L AS F)	09/09/69-06/03/75	7	1.4	1.2	1.6	0.6	0.153	0.392	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/21/68-06/03/75	18	1.85	2.189	7.9	0.	4.147	2.036	0.	0.525	3.7	4.75
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/22/74-10/22/74	2	3.	3.	3.	3.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	10/22/74-10/22/74	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	09/09/69-10/06/70	3	4100.	3633.333	4700.	2100.	1853333.333	1361.372	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/22/74-10/22/74	2	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	10/22/74-10/22/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/22/74-10/22/74	2	1.	1.	2.	0.	2.	1.414	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	10/22/74-10/22/74	1	50.	50.	50.	50.	0.	0.	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	10/22/74-10/22/74	2	0.5	0.5	1.	0.	0.5	0.707	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	10/22/74-10/22/74	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	10/22/74-10/22/74	2	10.	10.	12.	8.	8.	2.828	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	10/22/74-10/22/74	1	11.	11.	11.	11.	0.	0.	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	10/22/74-10/22/74	1	220.	220.	220.	220.	0.	0.	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	10/22/74-10/22/74	2	125.	125.	130.	120.	50.	7.071	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/22/74-10/22/74	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	10/22/74-10/22/74	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	10/22/74-10/22/74	1	130.	130.	130.	130.	0.	0.	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/22/74-10/22/74	2	96.	96.	110.	82.	392.	19.799	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/22/74-10/22/74	2	3.	3.	3.	3.	0.	0.	**	**	**	**
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/22/74-10/22/74	2	5650.	5650.	5700.	5600.	5000.	70.711	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/22/74-10/22/74	2	60.	60.	60.	60.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	10/22/74-10/22/74	1	60.	60.	60.	60.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/22/74-10/22/74	2	35.	35.	40.	30.	50.	7.071	**	**	**	**
01130	LITHIUM, DISSOLVED (UG/L AS LI)	10/22/74-10/22/74	2	140.	140.	140.	140.	0.	0.	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	09/26/72-06/03/75	6	22.	21.5	52.	2.	329.9	18.163	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	09/26/72-06/03/75	6	1.342	1.122	1.716	0.301	0.298	0.546	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			13.256								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/26/72-06/03/75	6	13.5	12.667	26.	0.	120.667	10.985	**	**	**	**
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	09/26/72-06/03/75	6	1.105	0.828	1.415	0.	0.436	0.66	**	**	**	**
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			6.727								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	09/26/72-06/03/75	6	9.5	21.5	92.	0.	1231.1	35.087	**	**	**	**
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	09/26/72-06/03/75	6	0.946	0.894	1.964	0.	0.491	0.7	**	**	**	**
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			7.825								
32230	CHLOROPHYLL A (MG/L)	10/22/74-06/03/75	2	0.001	0.001	0.002	0.001	0.	0.001	**	**	**	**
32231	CHLOROPHYLL B (MG/L)	10/22/74-06/03/75	2	0.003	0.003	0.003	0.002	0.	0.001	**	**	**	**
32232	CHLOROPHYLL C (MG/L)	10/22/74-06/03/75	2	0.007	0.007	0.011	0.003	0.	0.006	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	09/26/72-06/03/75	12	0.5	2.583	20.	0.	31.902	5.648	0.	0.	2.75	15.2
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	10/22/74-10/22/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	10/22/74-10/22/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	10/22/74-10/22/74	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	08/21/68-06/03/75	9	31400.	30888.889	36700.	14000.	46466111.111	6816.606	14000.	30400.	35700.	36700.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	08/21/68-06/03/75	9	42.69	41.998	49.9	19.	86.113	9.28	19.	41.35	48.545	49.9
71865	IODIDE (MG/L AS I)	09/09/69-10/06/70	3	0.05	0.077	0.14	0.04	0.003	0.055	**	**	**	**
71870	BROMIDE (MG/L AS BR)	09/09/69-10/06/70	3	36.	40.333	60.	25.	320.333	17.898	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	04/23/74-06/03/75	5	0.4	1.1	3.1	0.1	1.595	1.263	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/22/74-10/22/74	2	0.35	0.35	0.4	0.3	0.005	0.071	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
71900	MERCURY, TOTAL (UG/L AS HG)	10/22/74-10/22/74	1	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: PAAL0009

				Total	Exceed	Prop.	----------10/01-11/30----------			----------12/01-3/31----------			----------4/01-9/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	16	0	0.00	5	0	0.00	6	0	0.00	5	0	0.00			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	67	36	0.54	16	10	0.63	6	0	0.00	45	26	0.58			
00400	PH	Marine Chronic	8.5	59	1	0.02	16	0	0.00	6	0	0.00	37	1	0.03			
		Other-Lo Lim.	6.5	59	0	0.00	16	0	0.00	6	0	0.00	37	0	0.00			
01000	ARSENIC, DISSOLVED	Marine Acute	69.	2	0	0.00	2	0	0.00									
01002	ARSENIC, TOTAL	Marine Acute	69.	1	0	0.00	1	0	0.00									
01025	CADMIUM, DISSOLVED	Marine Acute	43.	2	0	0.00	2	0	0.00									
01027	CADMIUM, TOTAL	Marine Acute	43.	1	0	0.00	1	0	0.00									
01040	COPPER, DISSOLVED	Marine Acute	2.9	2	2	1.00	2	2	1.00									
01042	COPPER, TOTAL	Marine Acute	2.9	1	1	1.00	1	1	1.00									
01049	LEAD, DISSOLVED	Marine Acute	220.	2	0	0.00	2	0	0.00									
01051	LEAD, TOTAL	Marine Acute	220.	1	0	0.00	1	0	0.00									
01065	NICKEL, DISSOLVED	Marine Acute	75.	2	0	0.00	2	0	0.00									
01090	ZINC, DISSOLVED	Marine Acute	95.	2	0	0.00	2	0	0.00									
01092	ZINC, TOTAL	Marine Acute	95.	1	0	0.00	1	0	0.00									
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	6	0	0.00	2	0	0.00				4	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	6	0	0.00	2	0	0.00				4	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Marine Acute	1.3	1	0	0.00	1	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Marine Acute	0.16	1	0	0.00	1	0	0.00									
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Marine Acute	0.09	1	0	0.00	1	0	0.00									
39360	DDD IN WHOLE WATER SAMPLE	Marine Acute	3.6	1	0	0.00	1	0	0.00									
39365	DDE IN WHOLE WATER SAMPLE	Marine Acute	14.	1	0	0.00	1	0	0.00									
39370	DDT IN WHOLE WATER SAMPLE	Marine Acute	0.13	1	0	0.00	1	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.71	1	0	0.00	1	0	0.00									
39390	ENDRIN IN WHOLE WATER SAMPLE	Marine Acute	0.037	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Marine Acute	0.21	1	0	0.00	1	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Marine Acute	0.053	1	0	0.00	1	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Marine Acute	0.053	1	0	0.00	1	0	0.00									
71890	MERCURY, DISSOLVED	Marine Acute	2.1	2	0	0.00	2	0	0.00									
71900	MERCURY, TOTAL	Marine Acute	2.1	1	0	0.00	1	0	0.00									

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1968 - Station PAAL0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-06/03/75	9	18.	18.778	38.	1.	123.694	11.122	1.	11.	27.5	38.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-06/03/75	9	28.4	28.744	30.7	27.1	1.75	1.323	27.1	27.6	30.1	30.7
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-06/03/75	9	55000.	55333.333	56000.	55000.	250000.	500.	55000.	55000.	56000.	56000.
00300	OXYGEN, DISSOLVED MG/L	08/21/68-06/03/75	9	2.9	3.856	7.2	1.5	4.193	2.048	1.5	2.75	5.95	7.2
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-06/03/75	9	45.	63.422	121.9	24.	1275.902	35.72	24.	44.5	100.45	121.9
00400	PH (STANDARD UNITS)	08/21/68-02/04/75	9	8.	7.956	8.	7.9	0.003	0.053	7.9	7.9	8.	8.
00400	CONVERTED PH (STANDARD UNITS)	08/21/68-02/04/75	9	8.	7.953	8.	7.9	0.003	0.053	7.9	7.9	8.	8.
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/68-02/04/75	9	0.01	0.011	0.013	0.01	0.	0.001	0.01	0.01	0.013	0.013

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station PAAL0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-06/03/75	9	15.	17.333	37.	1.	138.75	11.779	1.	7.5	27.5	37.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-06/03/75	9	29.9	29.922	30.9	28.5	0.674	0.821	28.5	29.3	30.7	30.9
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-06/03/75	9	53000.	53111.111	56000.	52000.	1861111.111	1364.225	52000.	52000.	54000.	56000.
00300	OXYGEN, DISSOLVED MG/L	08/21/68-06/03/75	9	4.9	5.956	12.7	0.	26.448	5.143	0.	1.1	12.	12.7
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-06/03/75	9	80.	98.844	210.9	0.	7350.053	85.732	0.	18.	200.4	210.9
00400	PH (STANDARD UNITS)	08/21/68-02/04/75	9	7.4	7.4	7.7	7.2	0.037	0.194	7.2	7.2	7.6	7.7
00400	CONVERTED PH (STANDARD UNITS)	08/21/68-02/04/75	9	7.4	7.364	7.7	7.2	0.039	0.197	7.2	7.2	7.6	7.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/68-02/04/75	9	0.04	0.043	0.063	0.02	0.	0.018	0.02	0.025	0.063	0.063

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station PAAL0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-06/03/75	6	12.5	14.167	34.	1.	140.567	11.856	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-06/03/75	6	27.4	27.617	28.6	27.1	0.306	0.553	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-06/03/75	6	46000.	41333.333	50000.	22000.	108666666.667	10424.331	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/21/68-06/03/75	6	3.2	3.817	6.4	2.6	2.182	1.477	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-06/03/75	6	47.5	55.333	89.	40.	364.667	19.096	**	**	**	**
00400	PH (STANDARD UNITS)	08/21/68-02/04/75	6	7.8	7.8	7.9	7.7	0.004	0.063	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/21/68-02/04/75	6	7.8	7.796	7.9	7.7	0.004	0.063	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/68-02/04/75	6	0.016	0.016	0.02	0.013	0.	0.002	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station PAAL0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-06/03/75	5	10.	13.2	30.	1.	138.7	11.777	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-06/03/75	5	29.7	29.62	30.	28.8	0.242	0.492	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/21/68-06/03/75	5	0.	1.12	5.6	0.	6.272	2.504	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-06/03/75	5	0.	18.	90.	0.	1620.	40.249	**	**	**	**
00400	PH (STANDARD UNITS)	08/21/68-02/04/75	5	7.7	7.76	7.9	7.6	0.018	0.134	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/21/68-02/04/75	5	7.7	7.744	7.9	7.6	0.018	0.135	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/68-02/04/75	5	0.02	0.018	0.025	0.013	0.	0.005	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station PAAL0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-06/03/75	12	12.5	16.417	45.	1.	199.356	14.119	1.	5.	27.5	42.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-06/03/75	12	26.05	25.608	27.2	22.4	2.295	1.515	22.79	24.5	26.875	27.11
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-06/03/75	12	44500.	44083.333	50000.	39000.	13356060.606	3654.594	39000.	40000.	46750.	49400.
00300	OXYGEN, DISSOLVED MG/L	08/21/68-06/03/75	12	2.75	2.733	5.9	0.	4.095	2.024	0.	0.85	4.05	5.84
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-06/03/75	12	38.5	39.5	86.	0.	854.455	29.231	0.	12.75	58.25	85.1
00400	PH (STANDARD UNITS)	08/21/68-02/04/75	12	8.2	8.175	8.5	7.8	0.037	0.191	7.86	8.025	8.3	8.44
00400	CONVERTED PH (STANDARD UNITS)	08/21/68-02/04/75	12	8.189	8.135	8.5	7.8	0.038	0.196	7.86	8.025	8.3	8.44
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/68-02/04/75	12	0.006	0.007	0.016	0.003	0.	0.003	0.004	0.005	0.009	0.014

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station PAAL0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-06/03/75	12	20.	19.583	38.	1.	156.265	12.501	1.	10.	30.	37.1
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-06/03/75	12	24.35	24.042	25.	22.7	0.743	0.862	22.73	23.025	24.825	24.97
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-06/03/75	12	48000.	47500.	48000.	46000.	818181.818	904.534	46000.	46500.	48000.	48000.
00300	OXYGEN, DISSOLVED MG/L	08/21/68-06/03/75	12	4.55	4.308	8.	0.3	5.588	2.364	0.72	2.575	6.175	7.94
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-06/03/75	12	65.5	61.233	112.9	4.	1114.015	33.377	10.	36.75	87.5	112.
00400	PH (STANDARD UNITS)	08/21/68-02/04/75	12	7.75	7.825	8.1	7.7	0.026	0.16	7.7	7.7	7.975	8.1
00400	CONVERTED PH (STANDARD UNITS)	08/21/68-02/04/75	12	7.747	7.801	8.1	7.7	0.026	0.162	7.7	7.7	7.975	8.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/68-02/04/75	12	0.018	0.016	0.02	0.008	0.	0.005	0.008	0.011	0.02	0.02

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station PAAL0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-06/03/75	14	17.5	17.643	40.	1.	166.863	12.918	1.	5.	30.	37.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-06/03/75	14	22.2	22.443	27.	19.1	10.115	3.18	19.1	19.275	25.7	27.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-06/03/75	14	49500.	48857.143	54000.	45000.	9208791.209	3034.599	45000.	45750.	51250.	53000.
00300	OXYGEN, DISSOLVED MG/L	08/21/68-06/03/75	14	6.35	5.057	8.6	0.	9.343	3.057	0.	2.1	7.15	8.2
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-06/03/75	14	81.	69.257	110.9	0.	1763.07	41.989	0.	30.75	104.15	110.4
00400	PH (STANDARD UNITS)	08/21/68-02/04/75	6	7.9	7.867	7.9	7.8	0.003	0.052	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	08/21/68-02/04/75	6	7.9	7.864	7.9	7.8	0.003	0.052	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	08/21/68-02/04/75	6	0.013	0.014	0.016	0.013	0.	0.002	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station PAAL0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-06/03/75	16	12.5	15.938	38.	1.	162.596	12.751	1.	5.	27.5	35.9
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-06/03/75	16	26.9	26.506	28.6	24.4	1.693	1.301	24.54	24.925	27.3	28.11
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-06/03/75	16	46500.	43500.	50000.	22000.	49733333.333	7052.186	32500.	39000.	48000.	48600.
00300	OXYGEN, DISSOLVED MG/L	08/21/68-06/03/75	16	3.6	3.606	6.4	1.6	1.579	1.257	1.74	2.65	4.625	5.35
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-06/03/75	16	52.5	52.25	89.	24.	294.467	17.16	26.1	40.5	65.5	76.4
00310	BOD, 5 DAY, 20 DEG C MG/L	08/21/68-06/03/75	6	2.35	2.017	3.5	0.5	1.182	1.087	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/21/68-06/03/75	6	0.135	0.187	0.38	0.03	0.02	0.142	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/21/68-06/03/75	6	0.009	0.026	0.12	0.	0.002	0.047	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/21/68-06/03/75	6	0.005	0.03	0.1	0.	0.002	0.044	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/21/68-06/03/75	6	0.085	0.092	0.14	0.06	0.001	0.029	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/21/68-06/03/75	5	2.2	3.48	7.9	1.3	7.442	2.728	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station PAAL0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-06/03/75	6	15.	17.667	40.	1.	230.667	15.188	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-06/03/75	6	19.25	19.317	19.7	19.1	0.058	0.24	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-06/03/75	6	45500.	45833.333	48000.	45000.	1366666.667	1169.045	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	08/21/68-06/03/75	6	6.65	6.867	8.6	5.2	1.439	1.199	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-06/03/75	6	84.5	87.65	109.9	66.	240.975	15.523	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	08/21/68-06/03/75	2	1.6	1.6	2.2	1.	0.72	0.849	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/21/68-06/03/75	2	0.07	0.07	0.07	0.07	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/21/68-06/03/75	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/21/68-06/03/75	2	0.01	0.01	0.02	0.	0.	0.014	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/21/68-06/03/75	2	0.155	0.155	0.23	0.08	0.011	0.106	**	**	**	**
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/21/68-06/03/75	2	0.9	0.9	1.2	0.6	0.18	0.424	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 9/30 - Station PAAL0009

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	08/21/68-06/03/75	45	15.	17.644	45.	1.	137.416	11.722	1.	10.	27.5	35.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	08/21/68-06/03/75	45	27.1	26.929	30.9	22.	8.242	2.871	22.76	24.35	29.6	30.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	08/21/68-06/03/75	40	52000.	50900.	56000.	43000.	14810256.41	3848.41	46000.	48000.	54750.	55900.
00300	OXYGEN, DISSOLVED MG/L	08/21/68-06/03/75	45	2.9	3.849	12.7	0.	12.221	3.496	0.	0.25	6.55	7.88
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	08/21/68-06/03/75	45	45.	59.976	210.9	0.	3172.979	56.329	0.	3.5	97.95	120.7
00310	BOD, 5 DAY, 20 DEG C MG/L	08/21/68-06/03/75	12	1.2	1.417	3.9	0.3	0.863	0.929	0.45	0.9	1.65	3.42
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	08/21/68-06/03/75	12	0.09	0.125	0.48	0.	0.02	0.141	0.	0.005	0.225	0.408
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	08/21/68-06/03/75	12	0.008	0.013	0.052	0.	0.	0.019	0.	0.	0.015	0.051
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	08/21/68-06/03/75	12	0.005	0.023	0.1	0.	0.001	0.037	0.	0.	0.028	0.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	08/21/68-06/03/75	12	0.1	0.137	0.42	0.04	0.011	0.106	0.046	0.07	0.18	0.366
00955	SILICA, DISSOLVED (MG/L AS SI02)	08/21/68-06/03/75	11	2.	1.836	4.4	0.	2.753	1.659	0.	0.1	3.6	4.32

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: PAAL0010

NPS Station ID: PAAL0010
LAT/LON: 25.875005/ -97.454170
Agency: 21TEXWR
Date Created: 10/06/79
Location: RIO GRANDE EL JARDIN PUMP STATION
FIPS State/County: 48061 TEXAS/CAMERON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 23010200
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13090002
Depth of Water: 0
Aquifer:
Major Basin: WESTERN GULF
Elevation: 0
Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER
ECO Region:
RF1 Index: 13090002001
RF1 Mile Point: 46.040
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: PAAL0010

Parameter	Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th

******** No Parameter Data Available for this Station ********

Station Inventory for Station: PAAL0011

NPS Station ID: PAAL0011
LAT/LON: 25.876392/ -97.454170
Agency: 21TXWQB
Date Created: 06/28/97
Location: RIO GRANDE AT EL JARDIN PUMP
FIPS State/County: 48061 TEXAS/CAMERON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 13177
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 12110208
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: Rio Grande River Basin
ECO Region: 31M
RF1 Index: 12110208
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
RIO GRANDE EL JARDIN PUMP STATION@ AT LOW WATER DAM 300 FT. BELOW INTAK

Parameter Inventory for Station: PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	188	1.	1.08	3.	1.	0.117	0.341	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/03/74-07/29/96	89	26.1	24.681	33.	11.9	27.19	5.214	17.	20.75	29.4	30.4
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	12/03/74-10/23/85	57	79.3	76.477	87.6	53.4	91.23	9.551	60.22	69.35	84.55	86.42
00024	SAMPLE LENGTH IN INCHES	06/09/94-06/09/94	1	17.	17.	17.	17.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/03/74-04/30/96	70	210.	1326.414	12500.	0.	7456282.826	2730.619	41.	109.25	837.75	4282.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/03/74-01/14/93	31	42.	69.	265.	10.	4438.	66.618	17.4	28.	75.	188.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/18/83-06/26/86	10	13.5	12.5	18.	5.	21.167	4.601	5.2	8.5	16.5	18.
00078	TRANSPARENCY, SECCHI DISC (METERS)	10/22/92-07/29/96	28	0.305	0.306	0.4	0.13	0.003	0.054	0.228	0.3	0.338	0.364
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/03/74-07/29/96	87	1373.	1402.31	2570.	745.	107494.751	327.864	1032.	1200.	1580.	1826.2
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/03/74-04/23/76	7	1456.	1448.143	1870.	860.	119368.81	345.498	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	12/03/74-07/29/96	87	8.1	8.41	12.3	4.6	3.238	1.799	5.88	7.1	9.8	11.
00310	BOD, 5 DAY, 20 DEG C MG/L	04/08/75-04/08/75	1	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	12/03/74-07/29/96	86	8.	8.1	9.2	6.9	0.192	0.438	7.6	7.8	8.4	8.7
00400	CONVERTED PH (STANDARD UNITS)	12/03/74-07/29/96	86	8.	7.885	9.2	6.9	0.238	0.488	7.6	7.8	8.4	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/03/74-07/29/96	86	0.01	0.013	0.126	0.001	0.	0.018	0.002	0.004	0.016	0.025
00403	PH, LAB, STANDARD UNITS SU	12/03/74-04/23/76	7	7.9	7.843	8.	7.6	0.033	0.181	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	12/03/74-04/23/76	7	7.9	7.809	8.	7.6	0.034	0.185	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/03/74-04/23/76	7	0.013	0.016	0.025	0.01	0.	0.007	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/22/92-07/29/96	16	137.5	154.25	234.	110.	1315.8	36.274	111.4	130.25	186.5	208.8
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	10/22/92-08/23/94	7	22900.	17100.689	31000.	1.39158	162527.73	12576.268	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/03/74-07/29/96	23	55.	117.957	1260.	20.	63721.589	252.431	28.2	39.	84.	180.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/03/74-07/29/96	22	10.5	15.818	120.	5.	553.394	23.524	6.3	8.75	14.	18.
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	10/21/93-04/12/94	2 ##	159.5	159.5	183.	136.	1104.5	33.234	**	**	**	**
00561	OIL & GREASE, SED, DRY WT,FREON EXTR-IR METH,MG/KG	10/22/92-01/29/96	8	79.	131.05	579.	0.5	36521.669	191.106	**	**	**	**
00593	NO2 & NO3-N,TOTAL,WHATMAN GF/F FILTERED MG/L	04/30/96-07/29/96	2 ##	0.23	0.23	0.41	0.05	0.065	0.255	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/03/74-07/29/96	24	0.04	0.218	2.4	0.005	0.282	0.531	0.008	0.02	0.065	0.91
00612	AMMONIA, UNIONZED (MG/L AS N)	01/14/93-01/14/93	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	10/22/92-10/18/94	9	0.01	0.016	0.04	0.005	0.	0.012	0.005	0.005	0.025	0.04
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/03/74-10/18/94	16	0.035	0.101	0.7	0.005	0.032	0.178	0.005	0.006	0.095	0.399
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/25/93-07/29/96	15	0.97	1.03	1.75	0.77	0.059	0.243	0.788	0.87	1.1	1.474
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	10/22/92-08/23/94	7	260.	301.057	640.	8.59	61532.137	248.057	**	**	**	**
00627	NITROGEN KJELDAHL TOTAL BOTTOM DEP DRY WT MG/KG	02/01/95-03/08/95	2	545.5	545.5	663.	428.	27612.5	166.17	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	02/01/95-10/26/95	4	0.035	0.043	0.08	0.02	0.001	0.026	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	12/03/74-04/23/76	7	1.2	1.256	2.9	0.31	1.006	1.003	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/03/74-04/23/76	7	0.21	0.53	1.7	0.03	0.364	0.603	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/03/74-07/29/96	22	0.16	0.245	0.95	0.1	0.046	0.214	0.11	0.128	0.23	0.639

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	10/22/92-03/08/95	10	240.5	243.08	570.	0.5	48630.288	220.523	0.63	4.5	459.5	563.
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/03/74-10/26/95	19	0.05	0.103	0.56	0.005	0.018	0.134	0.01	0.04	0.09	0.27
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/03/74-07/29/96	24	5.	5.042	15.	0.5	15.976	3.997	0.5	0.625	7.	11.5
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	01/14/93-10/26/95	6 ##	0.01	0.008	0.01	0.005	0.	0.003	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	01/14/93-01/14/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
00747	SULFIDE IN BOTTOM DEPOSITS MG/KG	10/22/92-01/29/96	13	6.	19.888	68.	0.25	659.563	25.682	0.47	0.8	46.5	65.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/22/92-10/18/94	9	326.	309.522	448.	0.7	16898.929	129.996	0.7	289.	395.5	448.
00915	CALCIUM, DISSOLVED (MG/L AS CA)	01/19/94-04/30/96	10	82.25	84.54	139.	31.4	838.987	28.965	34.8	71.475	96.725	137.
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	01/19/94-04/30/96	10	27.7	28.85	44.3	15.3	59.136	7.69	16.27	25.15	32.95	43.54
00940	CHLORIDE,TOTAL IN WATER MG/L	12/03/74-07/29/96	24	179.	187.625	318.	102.	2530.592	50.305	129.	153.25	216.	263.
00941	CHLORIDE, DISSOLVED IN WATER MG/L	12/03/74-06/30/77	22	159.	163.591	300.	87.	2665.682	51.63	98.3	122.	201.25	225.6
00945	SULFATE, TOTAL (MG/L AS SO4)	12/03/74-07/29/96	25	287.	289.72	421.	130.	3440.293	58.654	238.4	248.5	313.5	385.2
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/22/92-04/30/96	14	5.	6.5	25.	1.	39.5	6.285	1.	3.75	6.25	20.
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	10/22/92-04/30/96	16	4.445	4.624	7.45	1.75	2.138	1.462	2.541	3.615	5.825	6.715
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	01/15/93-06/09/94	2 ##	0.018	0.018	0.02	0.015	0.	0.004	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/22/92-07/25/94	4	88.	79.125	140.	0.5	3354.396	57.917	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	10/22/92-04/30/96	11	176.	160.842	186.	57.1	1454.336	38.136	71.912	153.	185.	185.8
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	01/14/93-01/14/93	1 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	01/14/93-01/14/93	1	0.23	0.23	0.23	0.23	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/22/92-04/30/96	14 ##	2.	1.896	5.	0.05	1.223	1.106	0.275	1.75	2.	3.5
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/22/92-04/30/96	16	0.17	0.228	0.9	0.03	0.043	0.207	0.065	0.103	0.328	0.533
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/22/92-04/30/96	16	11.	10.699	18.1	3.64	16.965	4.119	4.424	7.748	13.65	17.19
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/22/92-04/30/96	14 ##	1.5	3.107	10.	1.	9.815	3.133	1.	1.5	4.25	10.
01040	COPPER, DISSOLVED (UG/L AS CU)	10/22/92-04/30/96	14 ##	2.	3.25	12.	0.5	8.26	2.874	1.25	2.	5.	8.5
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	10/22/92-04/30/96	16	7.68	7.506	10.5	2.2	4.29	2.071	4.23	6.848	8.668	10.115
01046	IRON, DISSOLVED (UG/L AS FE)	10/22/92-07/25/94	4 ##	18.	26.875	70.	1.5	929.729	30.491	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	10/22/92-04/30/96	14 ##	0.5	3.214	25.	0.5	52.258	7.229	0.5	0.5	0.5	19.5
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	10/22/92-04/30/96	16	9.65	9.423	16.7	4.02	9.671	3.11	4.846	7.315	10.91	14.25
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	10/22/92-04/30/96	15	342.	317.655	487.	179.	6398.272	79.989	198.8	244.	362.	425.2
01056	MANGANESE, DISSOLVED (UG/L AS MN)	10/22/92-07/25/94	4 ##	8.5	8.875	18.	0.5	52.729	7.261	**	**	**	**
01057	THALLIUM, DISSOLVED (UG/L AS TL)	01/14/93-01/14/93	1 ##	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/22/92-07/25/94	4 ##	17.	21.875	50.	3.5	434.729	20.85	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/22/92-04/30/96	14 ##	4.5	6.321	20.	2.5	19.908	4.462	3.5	4.5	6.25	15.
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	10/22/92-04/30/96	16	9.735	9.596	12.4	3.66	4.785	2.187	6.138	8.602	11.175	12.12
01069	NICKEL, TOTAL IN FISH OR ANIMALS-WET WEIGHT MG/KG	01/15/93-01/15/93	1 ##	0.17	0.17	0.17	0.17	0.	0.	**	**	**	**
01073	THALLIUM,TISSUE,WET WEIGHT,MG/KG	01/15/93-01/15/93	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	01/14/93-04/30/96	13 ##	0.25	0.758	5.	0.25	1.749	1.322	0.25	0.25	0.625	3.54
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	10/22/92-04/30/96	16 ##	0.27	0.32	1.29	0.045	0.095	0.308	0.084	0.115	0.371	0.8
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/22/92-04/30/96	14	21.	25.321	71.	1.5	641.754	25.333	1.5	1.5	52.75	68.
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	10/22/92-04/30/96	16	41.4	39.559	52.8	16.9	103.913	10.194	21.31	32.225	48.375	51.12
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	01/14/93-01/14/93	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	10/22/92-04/30/96	14 ##	17.	35.75	250.	4.	3948.875	62.84	4.25	15.25	28.25	150.
01108	ALUMINUM IN BOTTOM DEPOSITS (MG/KG AS AL DRY WGT)	01/14/93-04/30/96	9	13700.	14588.244	24600.	3310.	41309083.238	6427.214	3310.	10942.1	20250.	24600.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/22/92-04/30/96	14 ##	4.5	5.071	25.	1.	38.071	6.17	1.	1.	5.25	16.5
01147	SELENIUM, TOTAL (UG/L AS SE)	04/30/96-04/30/96	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	10/22/92-04/30/96	16 ##	0.445	0.537	1.75	0.08	0.266	0.516	0.084	0.104	0.665	1.505
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	01/15/93-06/09/94	2	0.355	0.355	0.6	0.11	0.12	0.346	**	**	**	**
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	10/18/94-10/18/94	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
30191	DINOSEB, WATER, WHOLE, RECOVERABLE UG/L	01/14/93-01/14/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE, UG/L	10/22/92-01/29/96	13 ##	2.5	2.535	5.	0.45	0.87	0.933	1.27	2.5	2.5	4.
30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE, UG/L	10/22/92-01/29/96	13 ##	2.5	2.535	5.	0.45	0.87	0.933	1.27	2.5	2.5	4.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/29/79-01/27/84	8	2500.	4732.5	18000.	60.	37181592.857	6097.671	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/29/79-01/27/84	8	3.398	3.26	4.255	1.778	0.628	0.792	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1817.892								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	04/23/76-04/23/76	1	5.	5.	5.	5.	0.	0.	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	04/23/76-04/23/76	1	0.699	0.699	0.699	0.699	0.	0.	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			5.								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-07/29/96	71	340.	1115.761	20000.	5.	7495449.842	2737.782	42.	135.	684.	2260.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-07/29/96	71	2.531	2.505	4.301	0.699	0.488	0.699	1.621	2.13	2.835	3.354
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			320.167								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/26/90-04/26/90	1	71.	71.	71.	71.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	04/26/90-04/26/90	1	1.851	1.851	1.851	1.851	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			71.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	10/22/92-01/29/96	14 ##	1.75	1.693	2.5	0.2	0.744	0.862	0.6	1.	2.5	2.5
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	10/22/92-01/29/96	14 ##	1.75	1.693	2.5	0.2	0.744	0.862	0.6	1.	2.5	2.5
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	01/14/93-01/14/93	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	10/22/92-01/29/96	14 ##	1.75	1.693	2.5	0.2	0.744	0.862	0.6	1.	2.5	2.5
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	01/14/93-01/14/93	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	10/22/92-01/29/96	14 ##	1.75	1.736	2.5	0.8	0.632	0.795	0.9	1.	2.5	2.5
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/03/74-07/29/96	23	17.	19.961	69.9	0.5	295.523	17.191	0.5	7.	34.1	39.84
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	10/22/92-07/29/96	16	3.145	16.168	153.	0.	1412.32	37.581	0.	0.255	17.275	65.71
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	10/22/92-01/29/96	14 ##	1.75	1.729	2.5	0.7	0.647	0.804	0.85	1.	2.5	2.5
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	10/22/92-01/29/96	14 ##	1.75	1.693	2.5	0.2	0.744	0.862	0.6	1.	2.5	2.5
34200	ACENAPHTHYLENE TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	414.27	936.5	0.4	67182.733	259.196	0.4	339.4	532.6	892.1
34204	ACENAPHTHYLENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	10/22/92-01/29/96	12 ##	3.	4.171	10.	2.5	4.902	2.214	2.5	2.613	5.375	8.65
34208	ACENAPHTHENE DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	414.27	936.5	0.4	67182.733	259.196	0.4	339.4	532.6	892.1
34209	ACENAPHTHENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	10/22/92-01/29/96	14 ##	5.	13.275	50.	0.85	207.39	14.401	1.675	4.375	25.	37.5
34218	ACRYLONITRILE DRY WGTBOTUG/KG	10/22/92-01/29/96	12 ##	79.25	359.004	1250.	0.85	219157.733	468.143	1.345	31.025	875.	1160.
34219	ACRYLONITRILE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	10/22/92-01/29/96	12 ##	4.075	4.35	10.	2.5	4.77	2.184	2.5	2.613	5.375	8.65
34223	ANTHRACENE DRY WGTBOTUG/KG	10/22/92-01/29/96	13 ##	375.	410.112	936.5	0.4	76850.069	277.218	0.4	269.7	534.875	906.9
34224	ANTHRACENE WET WGTTISMG/KG	06/09/94-06/09/94	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	10/22/92-01/29/96	15 ##	375.	414.27	936.5	0.4	67182.733	259.196	0.4	339.4	532.6	892.1
34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	10/22/92-01/29/96	12 ##	7.925	155.683	1250.	0.2	125700.657	354.543	0.89	3.125	193.75	935.
34238	BENZENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34241	BENZIDINE WET WGTTISMG/KG	01/15/93-01/15/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	10/22/92-01/29/96	15 ##	375.	414.27	936.5	0.4	67182.733	259.196	0.4	339.4	532.6	892.1
34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	414.27	936.5	0.4	67182.733	259.196	0.4	339.4	532.6	892.1
34251	BENZO-A-PYRENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34252	BERYLLIUM WET WGTTISMG/KG	01/15/93-01/15/93	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	01/14/93-01/14/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34258	B-BHC-BETA WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	10/22/92-01/29/96	13 ##	0.025	0.04	0.105	0.01	0.001	0.032	0.012	0.015	0.055	0.103
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	01/14/93-01/14/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	07/08/93-02/01/95	3 ##	2.5	2.833	5.	1.	4.083	2.021	**	**	**	**
34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	07/08/93-07/08/93	1 ##	1250.	1250.	1250.	1250.	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	449.78	1065.25	0.4	95101.202	308.385	0.4	339.4	625.	988.
34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	449.78	1065.25	0.4	95101.202	308.385	0.4	339.4	625.	988.
34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	449.78	1065.25	0.4	95101.202	308.385	0.4	339.4	625.	988.
34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	10/22/92-01/29/96	12 ##	7.925	155.683	1250.	0.2	125700.657	354.543	0.89	3.125	193.75	935.
34291	BROMOFORM WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/22/92-01/29/96	15 ##	375.	414.27	936.5	0.4	67182.733	259.196	0.4	339.4	532.6	892.1
34296	N-BUTYL BENZYL PHTHALATE,TISSUE,WET WGT,MG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	10/22/92-01/29/96	12 ##	7.925	155.683	1250.	0.2	125700.657	354.543	0.89	3.125	193.75	935.
34300	CARBON TETRACHLORIDE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	10/22/92-01/29/96	14 ##	1.75	1.693	2.5	0.2	0.744	0.862	0.6	1.	2.5	2.5
34304	CHLOROBENZENE DRY WGTBOTUG/KG	10/22/92-01/29/96	12 ##	7.925	155.683	1250.	0.2	125700.657	354.543	0.89	3.125	193.75	935.
34305	CHLOROBENZENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34306	CHLORODIBROMOMETHANE TOTWUG/L	10/22/92-01/29/96	13 ##	2.5	1.746	2.5	0.2	0.763	0.873	0.52	1.	2.5	2.5
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	10/22/92-01/29/96	12 ##	7.925	155.683	1250.	0.2	125700.657	354.543	0.89	3.125	193.75	935.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34310	CHLORODIBROMOMETHANE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	10/22/92-01/29/96	14 ##	2.5	2.532	5.	0.45	0.803	0.896	1.475	2.5	2.5	3.75
34314	CHLOROETHANE DRY WGTBOTUG/KG	10/22/92-01/29/96	12 ##	7.925	219.45	1250.	0.4	144420.939	380.028	1.03	3.125	430.	1025.
34315	CHLOROETHANE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	10/22/92-01/29/96	12 ##	7.925	205.683	1250.	0.2	160535.203	400.668	0.89	3.125	193.75	1115.
34319	CHLOROFORM WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34323	CHRYSENE DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	414.27	936.5	0.4	67182.733	259.196	0.4	339.4	532.6	892.1
34324	CHRYSENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34326	CYANIDE WET WGTTISMG/KG	01/15/93-01/15/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	10/22/92-01/29/96	12 ##	7.925	155.683	1250.	0.2	125700.657	354.543	0.89	3.125	193.75	935.
34331	DICHLOROBROMOMETHANE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	01/14/93-01/14/93	1 ##	400.	400.	400.	400.	0.	0.	**	**	**	**
34335	DICHLORODIFLUOROMETHANE WET WGTTISMG/KG	01/15/93-01/15/93	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	414.27	936.5	0.4	67182.733	259.196	0.4	339.4	532.6	892.1
34340	DIETHYL PHTHALATE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	414.27	936.5	0.4	67182.733	259.196	0.4	339.4	532.6	892.1
34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	3.75	3.75	5.	2.5	3.125	1.768	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	10/22/92-03/08/95	11 ##	5.	5.005	10.	2.6	7.467	2.733	2.61	2.8	5.5	10.
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	10/22/92-03/08/95	12 ##	367.5	408.108	936.5	0.4	83596.921	289.131	0.4	237.5	578.125	914.3
34350	1,2-DIPHENYLHYDRAZINE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	10/22/92-01/29/96	13 ##	0.1	0.074	0.105	0.02	0.001	0.032	0.022	0.05	0.1	0.103
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	10/22/92-01/29/96	14 ##	2.9	3.155	8.35	0.	6.774	2.603	0.	1.3	4.614	7.95
34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	01/14/93-01/14/93	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34359	ENDOSULFAN, BETA DRY WGTBOTUG/KG	01/14/93-01/14/93	1 ##	1.25	1.25	1.25	1.25	0.	0.	**	**	**	**
34360	ENDOSULFAN, BETA WET WGTTISMG/KG	01/15/93-01/15/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	01/14/93-01/14/93	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34364	ENDOSULFAN, ALPHA DRY WGTBOTUG/KG	01/14/93-01/14/93	1 ##	1.25	1.25	1.25	1.25	0.	0.	**	**	**	**
34365	ENDOSULFAN, ALPHA WET WGTTISMG/KG	01/15/93-01/15/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	01/14/93-01/14/93	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	01/14/93-01/14/93	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
34370	ENDRIN ALDEHYDE WET WGTTISMG/KG	01/15/93-01/15/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	10/22/92-01/29/96	14 ##	1.75	1.693	2.5	0.2	0.744	0.862	0.6	1.	2.5	2.5
34374	ETHYLBENZENE DRY WGTBOTUG/KG	10/22/92-01/29/96	12 ##	7.925	155.683	1250.	0.2	125700.657	354.543	0.89	3.125	193.75	935.
34375	ETHYLBENZENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34379	FLUORANTHENE DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	414.27	936.5	0.4	67182.733	259.196	0.4	339.4	532.6	892.1
34380	FLUORANTHENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34384	FLUORENE DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	414.27	936.5	0.4	67182.733	259.196	0.4	339.4	532.6	892.1
34385	FLUORENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	10/22/92-01/29/96	13 ##	5.	5.585	12.5	2.5	11.809	3.436	2.5	2.625	7.75	11.9
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	437.5	598.113	1500.	0.4	213159.226	461.692	0.4	339.4	936.5	1440.
34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	6.25	6.25	10.	2.5	28.125	5.303	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	10/22/92-01/29/96	13 ##	5.	4.558	10.	1.	5.437	2.332	1.6	2.55	5.5	8.6
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.505	2.505	5.	0.01	12.45	3.528	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	400.	453.113	1065.25	0.4	94555.154	307.498	0.4	339.4	625.	988.
34400	HEXACHLOROETHANE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	414.27	936.5	0.4	67182.733	259.196	0.4	339.4	532.6	892.1
34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34411	ISOPHORONE DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	449.78	1065.25	0.4	95101.202	308.385	0.4	339.4	625.	988.
34412	ISOPHORONE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	01/14/93-01/14/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34416	METHYL BROMIDE DRY WGTBOTUG/KG	01/14/93-01/14/93	1 ##	400.	400.	400.	400.	0.	0.	**	**	**	**
34417	METHYL BROMIDE WET WGTTISMG/KG	01/15/93-01/15/93	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	01/14/93-01/14/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34421	METHYL CHLORIDE DRY WGTBOTUG/KG	01/14/93-01/14/93	1 ##	400.	400.	400.	400.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34422	METHYL CHLORIDE WET WGTTISMG/KG	01/15/93-01/15/93	1 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	10/22/92-01/29/96	14 ##	1.75	1.693	2.5	0.2	0.744	0.862	0.6	1.	2.5	2.5
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	10/22/92-01/29/96	12 ##	7.925	339.017	2400.	0.2	546760.657	739.433	0.89	3.125	193.75	2055.
34427	METHYLENE CHLORIDE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	449.78	1065.25	0.4	95101.202	308.385	0.4	339.4	625.	988.
34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	414.27	936.5	0.4	67182.733	259.196	0.4	339.4	532.6	892.1
34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.619	10.	2.5	7.107	2.666	2.5	2.625	5.5	10.
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	449.78	1065.25	0.4	95101.202	308.385	0.4	339.4	625.	988.
34442	N-NITROSODIMETHYLAMINE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	360.	388.18	1065.25	0.4	87772.562	296.264	0.4	200.	444.75	943.6
34446	NAPHTHALENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	1.255	1.255	2.5	0.01	3.1	1.761	**	**	**	**
34447	NITROBENZENE TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34450	NITROBENZENE DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	449.78	1065.25	0.4	95101.202	308.385	0.4	339.4	625.	988.
34451	NITROBENZENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	10/22/92-03/08/95	6 ##	7.75	7.892	12.5	2.85	14.44	3.8	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	10/22/92-03/08/95	7 ##	350.	607.357	1500.	0.75	405053.705	636.438	**	**	**	**
34456	PARACHLOROMETA CRESOL WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	6.25	6.25	10.	2.5	28.125	5.303	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	10/22/92-01/29/96	12 ##	4.075	4.35	10.	2.5	4.77	2.184	2.5	2.613	5.375	8.65
34464	PHENANTHRENE DRY WGTBOTUG/KG	10/22/92-01/29/96	13 ##	375.	410.112	936.5	0.4	76850.069	277.218	0.4	269.7	534.875	906.9
34465	PHENANTHRENE WET WGTTISMG/KG	06/09/94-06/09/94	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34468	PHENOL WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	3.75	3.75	5.	2.5	3.125	1.768	**	**	**	**
34469	PYRENE TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34472	PYRENE DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	414.27	936.5	0.4	67182.733	259.196	0.4	339.4	532.6	892.1
34473	PYRENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34474	SILVER WET WGTTISMG/KG	01/15/93-01/15/93	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	10/22/92-01/29/96	14 ##	1.75	1.693	2.5	0.2	0.744	0.862	0.6	1.	2.5	2.5
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	10/22/92-01/29/96	12 ##	7.925	155.683	1250.	0.2	125700.657	354.543	0.89	3.125	193.75	935.
34479	TETRACHLOROETHYLENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	01/14/93-01/14/93	1 ##	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	10/22/92-01/29/96	12 ##	7.925	176.517	1250.	0.2	132923.385	364.587	0.89	3.125	193.75	1010.
34484	TOLUENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	10/22/92-01/29/96	12 ##	7.925	155.683	1250.	0.2	125700.657	354.543	0.89	3.125	193.75	935.
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	01/14/93-01/14/93	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	01/14/93-01/14/93	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34492	TRICHLOROFLUOROMETHANE WET WGTTISMG/KG	01/15/93-01/15/93	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	10/22/92-01/29/96	12 ##	7.925	219.45	1250.	0.4	144420.939	380.028	1.03	3.125	430.	1025.
34496	1,1-DICHLOROETHANE TOTWUG/L	10/22/92-01/29/96	14 ##	1.75	1.693	2.5	0.2	0.744	0.862	0.6	1.	2.5	2.5
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	10/22/92-01/29/96	12 ##	7.925	155.683	1250.	0.2	125700.657	354.543	0.89	3.125	193.75	935.
34500	1,1-DICHLOROETHANE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	10/22/92-01/29/96	13 ##	2.5	1.808	2.5	1.	0.606	0.778	1.	1.	2.5	2.5
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	10/22/92-01/29/96	12 ##	7.925	155.683	1250.	0.2	125700.657	354.543	0.89	3.125	193.75	935.
34505	1,1-DICHLOROETHYLENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	10/22/92-01/29/96	14 ##	1.75	1.693	2.5	0.2	0.744	0.862	0.6	1.	2.5	2.5
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	10/22/92-01/29/96	12 ##	7.925	155.683	1250.	0.2	125700.657	354.543	0.89	3.125	193.75	935.
34510	1,1,1-TRICHLOROETHANE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	10/22/92-01/29/96	13 ##	1.	1.631	2.5	0.2	0.747	0.864	0.52	1.	2.5	2.5
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	10/22/92-01/29/96	11 ##	3.35	168.473	1250.	0.2	136111.618	368.933	0.66	3.1	200.	1040.
34515	1,1,2-TRICHLOROETHANE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	10/22/92-01/29/96	14 ##	1.75	1.693	2.5	0.2	0.744	0.862	0.6	1.	2.5	2.5
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	10/22/92-01/29/96	12 ##	7.925	155.683	1250.	0.2	125700.657	354.543	0.89	3.125	193.75	935.
34520	1,1,2,2-TETRACHLOROETHANE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	414.27	936.5	0.4	67182.733	259.196	0.4	339.4	532.6	892.1
34525	BENZO(GHI)PERYLENE1,12-BENZOPERYLENWET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	414.27	936.5	0.4	67182.733	259.196	0.4	339.4	532.6	892.1
34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	10/22/92-01/29/96	13 ##	2.5	1.746	2.5	0.2	0.763	0.873	0.52	1.	2.5	2.5
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	10/22/92-01/29/96	12 ##	7.925	155.683	1250.	0.2	125700.657	354.543	0.89	3.125	193.75	935.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34535	1,2-DICHLOROETHANE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.092	10.	1.	5.236	2.288	1.6	2.55	5.25	8.2
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	439.78	1065.25	0.4	98739.345	314.228	0.4	200.	625.	988.
34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	1.255	1.255	2.5	0.01	3.1	1.761	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	10/22/92-01/29/96	14 ##	1.75	1.693	2.5	0.2	0.744	0.862	0.6	1.	2.5	2.5
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	10/22/92-01/29/96	11 ##	3.35	168.473	1250.	0.2	136111.618	368.933	0.66	3.1	200.	1040.
34545	1,2-DICHLOROPROPANE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	10/22/92-01/29/96	13 ##	1.	1.631	2.5	0.2	0.747	0.864	0.52	1.	2.5	2.5
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	10/22/92-01/29/96	10 ##	7.925	185.07	1250.	0.2	147868.282	384.536	0.49	3.175	200.	1145.
34550	TRANS-1,2-DICHLOROETHENE, IN TISSUE, WET WT. MG/KG	01/15/93-06/09/94	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	10/22/92-01/29/96	12 ##	2.55	3.308	10.	1.	5.223	2.285	1.45	2.5	3.063	8.5
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	10/22/92-01/29/96	14 ##	344.7	313.407	1065.25	0.4	84334.426	290.404	0.4	14.375	411.188	845.125
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	1.255	1.255	2.5	0.01	3.1	1.761	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	414.27	936.5	0.4	67182.733	259.196	0.4	339.4	532.6	892.1
34560	1,2,5,6-DIBENZANTHRACENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.092	10.	1.	5.236	2.288	1.6	2.55	5.25	8.2
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	439.78	1065.25	0.4	98739.345	314.228	0.4	200.	625.	988.
34570	1,3-DICHLOROBENZENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	1.255	1.255	2.5	0.01	3.1	1.761	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	10/22/92-01/29/96	14 ##	2.725	3.279	5.5	0.2	2.796	1.672	0.6	2.5	5.	5.5
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	439.78	1065.25	0.4	98739.345	314.228	0.4	200.	625.	988.
34575	1,4-DICHLOROBENZENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	1.255	1.255	2.5	0.01	3.1	1.761	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	10/22/92-03/09/95	10 ##	10.	10.165	25.	1.65	72.994	8.544	1.735	2.5	13.75	25.
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	10/22/92-02/01/95	7 ##	150.	736.95	1850.	1.65	714164.101	845.082	**	**	**	**
34580	2-CHLOROETHYL VINYL ETHER WET WGTTISMG/KG	06/09/94-06/09/94	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	10/22/92-01/29/96	12 ##	5.	4.587	10.	2.6	4.33	2.081	2.615	2.813	5.375	8.65
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	400.	502.05	1065.25	0.4	108854.461	329.931	0.4	350.	862.5	988.
34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	10/22/92-01/29/96	13 ##	5.	4.919	10.	2.5	3.973	1.993	2.5	2.975	5.5	8.4
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	437.5	464.317	936.5	0.75	80607.432	283.914	0.75	339.4	700.	892.1
34590	2-CHLOROPHENOL WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	3.75	3.75	5.	2.5	3.125	1.768	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	10/22/92-01/29/96	13 ##	5.5	5.385	10.	2.5	3.34	1.827	2.5	5.	5.75	8.6
34594	2-NITROPHENOL DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	532.6	512.65	936.5	0.75	86398.444	293.936	0.75	339.4	750.	892.1
34595	2-NITROPHENOL WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	662.753	4172.	0.4	1009571.748	1004.774	0.4	339.4	625.	2230.7
34600	DI-N-OCTYL PHTHALATE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	10/22/92-01/29/96	13 ##	5.5	5.385	10.	2.5	3.34	1.827	2.5	5.	5.75	8.6
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	532.6	512.65	936.5	0.75	86398.444	293.936	0.75	339.4	750.	892.1
34605	2,4-DICHLOROPHENOL WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	10/22/92-01/29/96	12 ##	5.5	5.792	10.	2.5	5.384	2.32	2.5	5.	6.375	10.
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	532.6	512.65	936.5	0.75	86398.444	293.936	0.75	339.4	750.	892.1
34610	2,4-DIMETHYLPHENOL WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	414.27	936.5	0.4	67182.733	259.196	0.4	339.4	532.6	892.1
34615	2,4-DINITROTOLUENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	10/22/92-01/29/96	13 ##	10.5	13.462	27.5	5.	84.811	9.209	5.	5.25	25.	27.5
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	700.	1180.19	4682.5	1.45	2023773.417	1422.594	1.45	360.	1400.	4459.9
34620	2,4-DINITROPHENOL WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	10/22/92-01/29/96	13 ##	5.5	5.385	10.	2.5	3.34	1.827	2.5	5.	5.75	8.6
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	532.6	512.65	936.5	0.75	86398.444	293.936	0.75	339.4	750.	892.1
34625	2,4,6-TRICHLOROPHENOL WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	414.27	936.5	0.4	67182.733	259.196	0.4	339.4	532.6	892.1
34630	2,6-DINITROTOLUENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	10/22/92-01/29/96	11 ##	6.	18.555	55.	2.5	507.353	22.524	2.5	2.6	50.	55.
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	10/22/92-01/29/96	13 ##	437.5	1694.619	9365.	0.4	10563299.406	3250.123	0.4	269.7	662.5	9069.
34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	01/15/93-01/15/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	414.27	936.5	0.4	67182.733	259.196	0.4	339.4	532.6	892.1
34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	375.	414.27	936.5	0.4	67182.733	259.196	0.4	339.4	532.6	892.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34645	4-CHLOROPHENYL PHENYL ETHER WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	10/22/92-01/29/96	13 ##	11.	13.962	27.5	2.5	83.894	9.159	2.5	7.5	25.	27.5
34649	4-NITROPHENOL DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	532.6	1139.077	4682.5	1.45	2103085.489	1450.202	1.45	339.4	1400.	4459.9
34650	4-NITROPHENOL WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	10/22/92-01/29/96	13 ##	10.	7.885	12.5	2.5	12.965	3.601	2.5	5.	11.	12.1
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	10/22/92-01/29/96	15 ##	532.6	659.41	1600.	1.45	249243.458	499.243	1.45	339.4	936.5	1480.
34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34664	PCB - 1221 WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
34667	PCB - 1232 WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	01/14/93-01/14/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34669	PCB - 1248 WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
34670	PCB - 1260 WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	10/22/92-03/08/95	10 ##	0.5	0.475	1.05	0.25	0.054	0.232	0.25	0.306	0.513	1.
34674	PCB - 1016 WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	01/15/93-06/09/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	01/15/93-06/09/94	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
34683	DI-N-BUTYL PHTHALATE,TISSUE,WET WGTWET WGT	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34689	PCB - 1242 WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
34690	PCB - 1254 WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
34691	TOXAPHENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34692	TRICHLOROETHYLENE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34693	VINYL CHLORIDE WET WGTTISMG/KG	01/15/93-06/09/94	2 ##	0.025	0.025	0.025	0.025	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	10/22/92-01/29/96	13 ##	5.	4.919	10.	2.5	3.973	1.993	2.5	2.975	5.5	8.4
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	10/22/92-01/29/96	15 ##	437.5	464.317	936.5	0.75	80607.432	283.914	0.75	339.4	700.	892.1
34696	NAPHTHALENE TOTWUG/L	10/22/92-01/29/96	13 ##	3.15	4.092	10.	1.	5.236	2.288	1.6	2.55	5.25	8.2
34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	10/22/92-01/29/96	11 ##	3.35	168.473	1250.	0.2	136111.618	368.933	0.66	3.1	200.	1040.
34698	TRANS-1,3-DICHLOROPROPENEFISH TISSUE WET WGT MG/KG	01/15/93-06/09/94	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	10/22/92-01/29/96	14 ##	1.75	1.693	2.5	0.2	0.744	0.862	0.6	1.	2.5	2.5
34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	10/22/92-01/29/96	11 ##	3.35	168.473	1250.	0.2	136111.618	368.933	0.66	3.1	200.	1040.
34703	CIS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	01/15/93-06/09/94	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	10/22/92-01/29/96	14 ##	1.75	1.693	2.5	0.2	0.744	0.862	0.6	1.	2.5	2.5
38437	DIBROMOCHLOROPROPANE WATER, TOTUG/L	01/14/93-01/14/93	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
38440	DIBROMOCHLOROPROPANE SEDDRYWGTUG/KG	01/14/93-01/14/93	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
38441	DIBROMOCHLOROPROPANE TISWETWGTMG/KG	01/15/93-01/15/93	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
38444	DICAMBA (BANVEL) SEDDRYWGTUG/KG	01/14/93-01/14/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
38781	DINOSEB SEDDRYWGTUG/KG	01/14/93-01/14/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
38923	METOLACHLOR (DUAL) IN BOTTOM SEDIMENT DRYWT UG/KG	01/14/93-01/14/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
38930	PICLORAM,RECOVERABLE FROM BOT MAT,DRYWGT,UG/KG	01/14/93-01/14/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	10/22/92-01/29/96	13 ##	5.5	8.615	25.	1.	35.84	5.987	2.6	5.	11.	20.
39046	SIMAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	01/14/93-01/14/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39051	METHOMYL IN WHOLE WATER (UG/L)	01/14/93-01/14/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39055	SIMAZINE IN WHOLE WATER (UG/L)	01/14/93-01/14/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	01/15/93-06/09/94	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	10/22/92-01/29/96	15 ##	678.75	654.023	1600.	1.45	244675.916	494.647	1.45	200.	936.5	1480.
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	01/15/93-06/09/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39075	BHC- GAMMA ISOMER, TISSUE WET WGT (UG/G)	01/15/93-06/09/94	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	10/22/92-01/29/96	14 ##	1.9	2.795	8.35	0.	8.064	2.84	0.	0.5	4.614	7.95
39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	01/15/93-06/09/94	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	10/22/92-01/29/96	13 ##	5.	7.146	25.	2.5	54.572	7.387	2.5	2.625	7.75	23.4
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	10/22/92-01/29/96	15 ##	375.	414.287	936.5	0.4	67181.067	259.193	0.4	339.5	532.5	892.1
39105	PERCENT FAT HEXANE EXTRACTION	01/15/93-06/09/94	2	1.95	1.95	2.3	1.6	0.245	0.495	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	10/22/92-01/29/96	13 ##	3.15	4.235	10.	2.5	4.546	2.132	2.5	2.625	5.25	8.2
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	10/22/92-01/29/96	15 ##	375.	449.82	1065.5	0.4	95121.435	308.418	0.4	339.5	625.	988.1
39118	PENTACHLOROBENZENE IN SEDIMENT UG/KG	10/22/92-01/29/96	9 ##	0.55	168.678	532.6	0.	47573.574	218.114	0.	0.15	392.075	532.6
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	11 ##	6.	19.918	55.	2.5	502.144	22.409	2.5	2.6	50.	55.
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	10/22/92-01/29/96	13 ##	437.5	1694.619	9365.	0.4	10563299.406	3250.123	0.4	269.7	662.5	9069.
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	10/22/92-01/29/96	14 ##	2.5	2.354	2.5	0.45	0.3	0.548	1.475	2.5	2.5	2.5
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	10/22/92-01/29/96	14 ##	2.5	1.806	3.2	0.2	0.964	0.982	0.29	1.	2.5	2.85
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	01/14/93-01/14/93	1 ##	0.075	0.075	0.075	0.075	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/14/93-01/14/93	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39302	P P DDT IN TISSUE WET WGT (UG/G)	01/15/93-01/15/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	01/14/93-01/14/93	1 ##	0.075	0.075	0.075	0.075	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/14/93-01/14/93	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39312	P P DDD IN TISSUE WET WGT (UG/G)	01/15/93-01/15/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	01/14/93-01/14/93	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	01/14/93-01/14/93	1 ##	0.75	0.75	0.75	0.75	0.	0.	**	**	**	**
39322	P,P'-DDE IN TISSUE WET WGT MG/KG	01/15/93-01/15/93	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	13 ##	0.1	0.072	0.105	0.02	0.001	0.035	0.02	0.038	0.1	0.103
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/22/92-01/29/96	14 ##	1.9	2.795	8.35	0.	8.064	2.84	0.	0.5	4.614	7.95
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/22/92-01/29/96	13 ##	0.02	0.038	0.105	0.015	0.001	0.033	0.015	0.015	0.055	0.103
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	10/22/92-01/29/96	13 ##	0.025	0.039	0.105	0.01	0.001	0.033	0.012	0.015	0.055	0.103
39346	METOLACHLOR IN TISSUES WETWTMG/KG	01/15/93-01/15/93	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	10/22/92-01/29/96	13 ##	0.2	0.215	0.525	0.07	0.022	0.148	0.07	0.1	0.258	0.515
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	10/22/92-01/29/96	14 ##	9.32	13.234	41.7	0.005	185.29	13.612	0.005	2.475	21.375	39.75
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	12 ##	0.087	0.092	0.15	0.05	0.002	0.042	0.05	0.051	0.14	0.15
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/22/92-01/29/96	13 ##	4.385	4.634	10.55	0.	12.316	3.509	0.002	1.375	7.95	9.77
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	12 ##	0.078	0.072	0.11	0.02	0.001	0.034	0.02	0.05	0.1	0.109
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/22/92-01/29/96	13 ##	3.	4.218	10.55	0.	13.593	3.687	0.	0.775	7.95	9.77
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	12 ##	0.087	0.093	0.15	0.05	0.002	0.04	0.05	0.056	0.14	0.15
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/22/92-01/29/96	13 ##	4.385	4.665	10.55	0.	12.152	3.486	0.002	1.575	7.95	9.77
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	06/09/94-06/09/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	13 ##	0.05	0.051	0.105	0.01	0.001	0.028	0.01	0.038	0.055	0.103
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/22/92-01/29/96	14 ##	2.35	2.93	8.35	0.	7.52	2.742	0.	0.663	4.614	7.95
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	12 ##	0.1	0.08	0.11	0.015	0.001	0.031	0.026	0.051	0.1	0.109
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/22/92-01/29/96	13 ##	3.	4.177	10.6	0.	13.975	3.738	0.	0.6	7.95	9.804
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	13 ##	0.1	0.079	0.11	0.03	0.001	0.031	0.03	0.05	0.1	0.108
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/22/92-01/29/96	14 ##	2.35	3.974	10.55	0.	13.186	3.631	0.	1.088	7.75	9.575
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	13 ##	1.2	1.422	2.5	0.25	0.799	0.894	0.256	0.513	2.5	2.5
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	10/22/92-01/29/96	14 ##	29.25	46.625	166.5	0.025	2101.383	45.841	0.025	20.175	70.625	136.
39404	DIELDRIN IN TISSUE WET WGT (UG/G)	01/15/93-01/15/93	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39406	DIELDRIN IN AQ ORGANISMS WT WGT BASIS (UG/G)	06/09/94-06/09/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	13 ##	0.015	0.036	0.105	0.01	0.001	0.034	0.01	0.01	0.055	0.103
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	10/22/92-01/29/96	14 ##	2.5	2.866	8.35	0.	7.865	2.804	0.125	0.288	4.614	7.95
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	13 ##	0.03	0.074	0.4	0.025	0.01	0.102	0.025	0.03	0.078	0.282
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	10/22/92-01/29/96	14 ##	3.143	3.92	16.	0.	19.642	4.432	0.	0.5	5.863	12.175
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	13 ##	0.11	0.155	0.25	0.05	0.009	0.093	0.05	0.053	0.25	0.25
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	10/22/92-01/29/96	14 ##	5.775	5.749	10.55	0.	11.662	3.415	0.003	3.	8.525	10.275
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	10/22/92-03/08/95	10 ##	0.5	0.475	1.05	0.25	0.054	0.232	0.25	0.306	0.513	1.
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	10/22/92-03/08/95	10 ##	11.7	17.197	43.85	0.01	249.689	15.802	0.01	7.503	32.925	43.635
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/92-03/08/95	10 ##	0.5	0.475	1.05	0.25	0.054	0.232	0.25	0.306	0.513	1.
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	10/22/92-03/08/95	10 ##	11.25	17.107	43.85	0.01	250.83	15.838	0.01	7.503	32.925	43.635
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/92-03/08/95	10 ##	0.5	0.475	1.05	0.25	0.054	0.232	0.25	0.306	0.513	1.
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	10/22/92-03/08/95	10 ##	10.85	17.027	43.85	0.01	251.979	15.874	0.01	7.503	32.925	43.635
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/92-03/08/95	10 ##	0.5	0.475	1.05	0.25	0.054	0.232	0.25	0.306	0.513	1.
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	10/22/92-03/08/95	10 ##	10.85	17.027	43.85	0.01	251.979	15.874	0.01	7.503	32.925	43.635
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/92-03/08/95	10 ##	0.5	0.475	1.05	0.25	0.054	0.232	0.25	0.306	0.513	1.
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	10/22/92-03/08/95	10 ##	10.85	17.027	43.85	0.01	251.979	15.874	0.01	7.503	32.925	43.635
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	10/22/92-03/08/95	10 ##	0.5	0.475	1.05	0.25	0.054	0.232	0.25	0.306	0.513	1.
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	10/22/92-03/08/95	10 ##	11.1	17.077	43.85	0.01	251.246	15.851	0.01	7.503	32.925	43.635
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	10/22/92-03/08/95	10 ##	10.85	17.027	43.85	0.01	251.979	15.874	0.01	7.503	32.925	43.635
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	01/19/94-01/29/96	8 ##	0.5	0.519	1.05	0.25	0.061	0.248	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/12/94-01/29/96	7 ##	41.7	36.564	53.	11.5	179.46	13.396	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	12 ##	0.2	0.813	5.	0.05	2.177	1.475	0.095	0.2	0.438	4.25
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/22/92-01/29/96	13 ##	5.5	21.339	95.7	0.	805.49	28.381	0.002	2.5	42.1	75.82
39534	MALATHION IN TISSUE WET WEIGHT MG/KG	01/15/93-06/09/94	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	12 ##	0.188	0.785	5.	0.05	2.215	1.488	0.073	0.125	0.438	4.25
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/22/92-01/29/96	13 ##	5.	20.954	95.7	0.	819.213	28.622	0.	1.5	42.1	75.82
39560	DEMETON IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	8 ##	1.5	1.694	5.	0.05	3.025	1.739	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	12 ##	0.15	0.783	5.	0.05	2.217	1.489	0.065	0.15	0.438	4.25
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	10/22/92-01/29/96	13 ##	4.	20.823	95.7	0.	823.18	28.691	0.	2.5	42.1	75.82
39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	11 ##	1.5	1.564	5.	0.2	2.002	1.415	0.21	0.25	2.5	4.5
39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/22/92-01/29/96	11 ##	25.	36.904	100.	0.02	1173.86	34.262	0.021	5.	46.	99.14

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	01/14/93-01/14/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	01/14/93-01/14/93	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	13 ##	2.5	2.773	5.5	0.01	6.086	2.467	0.01	0.01	5.	5.5
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	10/22/92-01/29/96	14 ##	269.7	294.043	936.5	0.	105242.211	324.411	0.15	0.5	466.713	899.5
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	10/22/92-01/29/96	15 ##	400.	426.553	1065.5	0.4	104825.241	323.767	0.4	200.	700.	943.7
39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	01/14/93-01/14/93	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	13 ##	0.6	4.181	10.	0.5	22.933	4.789	0.5	0.5	10.	10.
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/22/92-01/29/96	14 ##	7.625	13.483	38.	0.025	171.945	13.113	0.03	3.813	25.	36.5
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	12 ##	0.5	1.	2.5	0.05	1.257	1.121	0.05	0.063	2.5	2.5
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/22/92-01/29/96	13 ##	3.9	3.472	7.95	0.005	8.192	2.862	0.005	0.615	6.	7.77
39750	SEVIN IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	6 ##	2.5	3.	5.	0.5	3.	1.732	**	**	**	**
39755	MIREX, TOTAL (UG/L)	10/22/92-03/08/95	6 ##	0.1	0.117	0.25	0.05	0.005	0.068	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	13 ##	0.25	1.026	2.5	0.05	1.476	1.215	0.05	0.05	2.5	2.5
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/22/92-01/29/96	14 ##	0.865	20.878	264.	0.005	4901.819	70.013	0.005	0.388	5.125	135.
39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	10/22/92-03/08/95	6 ##	1.	0.767	1.	0.1	0.147	0.383	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	13 ##	0.05	0.043	0.105	0.015	0.001	0.032	0.015	0.015	0.055	0.103
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/22/92-01/29/96	14 ##	1.8	2.78	8.35	0.	8.128	2.851	0.	0.5	4.614	7.95
45510	XYLENE SEDIMENT,DRY WGT,UG/KG	10/22/92-01/29/96	12 ##	11.275	242.754	1250.	0.5	155548.23	394.396	1.1	4.713	537.5	1040.
45511	XYLENE TISSUE ,WET WGT,MG/KG	01/15/93-06/09/94	2 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
46290	BETA BHC IN SOIL (NG/G DRY WGT)	10/22/92-01/29/96	13 ##	3.	2.942	8.35	0.	8.424	2.902	0.	0.45	4.85	8.03
46292	DELTA-BHC IN SOIL (NG/G DRY WGT)	10/22/92-01/29/96	13 ##	3.	2.942	8.35	0.	8.424	2.902	0.	0.45	4.85	8.03
46570	HARDNESS, CA MG CALCULATED (MG/L AS CACO3)	02/01/95-04/30/96	5	295.	325.6	527.	198.	14806.3	121.681	**	**	**	**
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	01/14/93-01/14/93	1	0.	0.	0.	0.	0.	0.	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	01/14/93-07/29/96	11	960.	1027.182	1340.	848.	21419.364	146.354	859.8	938.	1140.	1312.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	01/08/91-01/08/91	1	776.	776.	776.	776.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	01/29/96-07/29/96	3 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	10/22/92-04/30/96	11 ##	0.09	0.178	1.	0.01	0.083	0.287	0.01	0.025	0.2	0.86
71900	MERCURY, TOTAL (UG/L AS HG)	04/12/94-04/30/96	10	0.05	0.319	2.3	0.01	0.497	0.705	0.011	0.028	0.3	2.1
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	10/22/92-04/30/96	15	0.04	0.055	0.2	0.005	0.003	0.05	0.005	0.02	0.09	0.14
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	01/15/93-06/09/94	2 ##	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	01/15/93-06/09/94	2 ##	0.1	0.1	0.16	0.04	0.007	0.085	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	01/15/93-06/09/94	2 ##	0.783	0.783	1.34	0.225	0.622	0.788	**	**	**	**
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	01/15/93-01/15/93	1	31.6	31.6	31.6	31.6	0.	0.	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	01/15/93-06/09/94	2 ##	0.138	0.138	0.225	0.05	0.015	0.124	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	01/15/93-06/09/94	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
72053	DAYS SINCE PRECIPITATION EVENT DAYS	10/22/92-04/30/96	16	1.5	4.844	18.	0.	36.391	6.032	0.	1.	9.75	17.3
73120	HEXACHLOROPHENE, DRY WEIGHT, SEDIMENT UG/KG	10/22/92-07/08/93	4 ##	100.2	150.2	400.	0.4	36586.72	191.277	**	**	**	**
73159	N-NITROSO-DI-N-BUTYLAMINE, DRY WT, SEDIMENT UG/KG	10/22/92-01/29/96	9 ##	350.	293.617	532.6	0.4	35485.785	188.377	0.4	100.2	422.375	532.6
73609	1-BUTANAMINE, N-BUTYL-N-NITROSO- TOTWUG/L	10/22/92-01/29/96	7 ##	2.8	4.1	10.	2.5	7.521	2.742	**	**	**	**
73611	ETHANAMINE, N-ETHYL-N-NITROSO- TOTWUG/L	10/22/92-03/08/95	6 ##	2.975	5.2	10.	2.6	13.861	3.723	**	**	**	**
74069	FLOW, ESTIMATED STREAM CFS	05/23/84-01/19/94	5	102.	305.6	1200.	10.	252440.8	502.435	**	**	**	**
75192	STYRENE SEDIMENT,DRY WGT,UG/KG	01/14/93-01/14/93	1 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
76164	STYRENE TISSUE ,WET WGT,MG/KG	01/15/93-01/15/93	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
77045	PYRIDINE WHOLE WATER,UG/L	10/22/92-01/29/96	8 ##	2.725	3.9	10.	2.5	6.766	2.601	**	**	**	**
77128	STYRENE WHOLE WATER,UG/L	01/14/93-01/14/93	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	10/22/92-03/09/95	11 ##	1.	1.609	2.5	0.2	0.781	0.884	0.36	1.	2.5	2.5
77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	10/22/92-01/29/96	8 ##	5.5	5.375	10.	2.5	5.625	2.372	**	**	**	**
77734	1,2,4,5-TETRACHLOROBENZENE WHOLE WATER,UG/L	10/22/92-01/29/96	8 ##	2.725	4.525	10.	2.5	11.463	3.386	**	**	**	**
77793	PENTACHLOROBENZENE WHOLE WATER,UG/L	10/22/92-01/29/96	7 ##	2.5	2.861	10.	0.01	13.364	3.656	**	**	**	**
78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT,DRY WEIGHT,UG/KG	10/22/92-01/29/96	9 ##	444.75	418.694	800.	0.75	93926.683	306.475	0.75	100.375	725.	800.
79778	CRESOL UG/L	10/22/92-01/29/96	10 ##	6.	7.06	15.	2.6	11.536	3.396	2.84	5.375	8.125	14.5
79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	10/22/92-03/08/95	7 ##	20.	14.648	28.	0.01	158.722	12.598	**	**	**	**
79800	MIREX SEDIMENT,DRY,WT,UG/KG	10/22/92-03/08/95	7 ##	2.	2.536	10.	0.	11.717	3.423	**	**	**	**
80256	SEDIMENT PRTCL.SIZE CLASS>2.0MM GRAVEL % DRY WT.	01/14/93-01/29/96	12	0.75	1.418	4.4	0.	2.421	1.556	0.	0.208	2.775	4.25
81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	10/22/92-01/29/96	13	70.2	69.592	76.1	63.5	18.587	4.311	63.54	65.95	73.25	75.82
81403	DURSBAN(CHLOROPYRIFOS)WHOLE WATER SAMPLE (UG/L)	10/22/92-01/29/96	12 ##	0.3	0.862	5.	0.05	2.113	1.454	0.11	0.263	0.45	4.25
81404	DURSBAN,BOTTOM DEPOSITS,DRY WGT,UG/KG	10/22/92-01/29/96	13 ##	5.	21.65	95.7	0.	798.202	28.252	0.002	1.775	42.1	75.82
81551	XYLENE WHL WATER SMPL UG/L	10/22/92-01/29/96	14 ##	2.5	2.786	7.5	0.5	2.412	1.553	0.75	2.5	3.	5.25
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	01/15/93-06/09/94	2	4.5	4.5	5.	4.	0.5	0.707	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	01/15/93-06/09/94	2	1.	1.	1.	1.	0.	0.	**	**	**	**
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	01/15/93-06/09/94	2 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	01/15/93-06/09/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
81666	ALUMINUM IN FISH TISSUE WET WEIGHT MG/KG	01/15/93-01/15/93	1 ##	0.9	0.9	0.9	0.9	0.	0.	**	**	**	**

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Parameter Inventory for Station: PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81759	ENDOSULFAN IN FISH TISSUE WET WEIGHT MG/KG	06/09/94-06/09/94	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
81802	GUTHION IN FISH TISSUE,WET WEIGHT MG/KG	01/15/93-06/09/94	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81806	DIAZINON IN FISH TISSUE WET WEIGHT, MG/KG	01/15/93-06/09/94	2 ##	0.008	0.008	0.01	0.005	0.	0.004	**	**	**	**
81807	DURSBAN IN FISH TISSUE WET WEIGHT MG/KG	01/15/93-06/09/94	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
81810	PARATHION IN FISH TISSUE WET WEIGHT MG/KG	01/15/93-06/09/94	2 ##	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
81818	SEVIN IN SEDIMENT DRY WEIGHT UG/KG	10/22/92-01/29/96	6 ##	219.7	239.475	532.6	0.1	52593.608	229.333	**	**	**	**
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	06/09/94-06/09/94	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	06/09/94-06/09/94	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
81945	ANTHRACENE&PHENANTHRENE IN WHOLE WATER SAMPLE UG/L	01/14/93-01/14/93	1 ##	2.85	2.85	2.85	2.85	0.	0.	**	**	**	**
81948	ANTHRACENE&PHENANTHRENE SEDIMENT DRY WEIGHT UG/KG	01/14/93-01/14/93	1 ##	350.	350.	350.	350.	0.	0.	**	**	**	**
81949	ANTHRACENE&PHENANTHRENE IN TISSUE WET WEIGHT MG/KG	01/15/93-01/15/93	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	10/22/92-01/29/96	14	2750.	3355.661	8730.	0.25	5991929.035	2447.842	295.125	1682.5	4772.5	7639.5
82004	DACTHAL IN TISSUE SAMPLE WET WEIGHT MG/KG	06/09/94-06/09/94	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82008	SEDIMENT PRCTL.SIZE CLASS .0039-.0625 SILT %DRY WT	01/14/93-01/29/96	12	32.1	42.533	180.	10.	2031.096	45.068	10.837	20.5	45.2	140.7
82009	SEDIMENT PRCTL.SIZE CLASS <.0039 CLAY %DRY WT	01/14/93-01/29/96	12	22.3	23.436	38.	4.	96.633	9.83	6.7	19.35	31.75	38.
82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	01/14/93-01/14/93	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82394	HARDNESS,TOTAL CALCULATED(CA,MG,FE) AS CACO3 MG/L	10/26/95-10/26/95	1	226.	226.	226.	226.	0.	0.	**	**	**	**
82400	DEMETON IN SEDIMENT (SYSTOX) DRY WEIGHT UG/KG	10/22/92-01/29/96	9 ##	41.7	43.993	100.	0.04	1206.364	34.733	0.04	15.	70.85	100.
82404	ATRAZINE IN FISH TISSUE WET WEIGHT MG/KG	01/15/93-01/15/93	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82406	SIMAZINE IN FISH TISSUE (PRINCEP)WET WEIGHT MG/KG	01/15/93-01/15/93	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
82612	METOLACHLOR, WHOLE WATER, TOTAL RECOVERABLE UG/L	01/14/93-01/14/93	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
82615	CARBOFURAN, WHOLE WATER, TOTAL RECOVERABLE UG/L	01/14/93-01/14/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
82619	ALDICARB, WHOLE WATER, TOTAL RECOVERABLE UG/L	01/14/93-01/14/93	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: PAAL0011

				Total	Exceed	Prop.	----------10/01-11/30----------			----------12/01-3/31----------			----------4/01-9/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	31	12	0.39	4	1	0.25	13	4	0.31	14	7	0.50			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	87	0	0.00	14	0	0.00	29	0	0.00	44	0	0.00			
00400	PH	Fresh Chronic	9.	86	4	0.05	13	0	0.00	29	3	0.10	44	1	0.02			
		Other-Lo Lim.	6.5	86	0	0.00	13	0	0.00	29	0	0.00	44	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	7	0	0.00	1	0	0.00	3	0	0.00	3	0	0.00			
		Other-Lo Lim.	6.5	7	0	0.00	1	0	0.00	3	0	0.00	3	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	9	0	0.00	3	0	0.00	2	0	0.00	4	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	16	0	0.00	4	0	0.00	5	0	0.00	7	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	4	0	0.00	1	0	0.00	2	0	0.00	1	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
		Drinking Water	0.2	6	0	0.00	2	0	0.00	3	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	24	0	0.00	5	0	0.00	9	0	0.00	10	0	0.00			
		Drinking Water	250.	24	2	0.08	5	0	0.00	9	1	0.11	10	1	0.10			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	22	0	0.00	3	0	0.00	9	0	0.00	10	0	0.00			
		Drinking Water	250.	22	1	0.05	3	0	0.00	9	1	0.11	10	0	0.00			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	25	19	0.76	5	3	0.60	10	8	0.80	10	8	0.80			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	14	0	0.00	3	0	0.00	5	0	0.00	6	0	0.00			
		Drinking Water	50.	14	0	0.00	3	0	0.00	5	0	0.00	6	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	4	0	0.00	1	0	0.00	1	0	0.00	2	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	1	0	0.00				1	0	0.00						
		Drinking Water	4.	1	0	0.00				1	0	0.00						
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	13 &	0	0.00	2	0	0.00	5	0	0.00	6	0	0.00			
		Drinking Water	5.	13 &	0	0.00	2	0	0.00	5	0	0.00	6	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	14	0	0.00	3	0	0.00	5	0	0.00	6	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	14	0	0.00	3	0	0.00	5	0	0.00	6	0	0.00			
		Drinking Water	1300.	14	0	0.00	3	0	0.00	5	0	0.00	6	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	14	0	0.00	3	0	0.00	5	0	0.00	6	0	0.00			
		Drinking Water	15.	13 &	0	0.00	2	0	0.00	5	0	0.00	6	0	0.00			
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						

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EPA Water Quality Criteria Analysis for Station: PAAL0011

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-9/30 Obs	4/01-9/30 Exceed	4/01-9/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	14	0	0.00	3	0	0.00	5	0	0.00	6	0	0.00			
		Drinking Water	100.	14	0	0.00	3	0	0.00	5	0	0.00	6	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	12 &	0	0.00	1	0	0.00	5	0	0.00	6	0	0.00			
		Drinking Water	100.	13	0	0.00	2	0	0.00	5	0	0.00	6	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	14	0	0.00	3	0	0.00	5	0	0.00	6	0	0.00			
		Drinking Water	5000.	14	0	0.00	3	0	0.00	5	0	0.00	6	0	0.00			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	1	0	0.00				1	0	0.00						
		Drinking Water	6.	1	0	0.00				1	0	0.00						
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	13 &	0	0.00	2	0	0.00	5	0	0.00	6	0	0.00			
		Drinking Water	50.	14	0	0.00	3	0	0.00	5	0	0.00	6	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01220	CHROMIUM, HEXAVALENT, DISSOLVED	Fresh Acute	16.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
30191	DINOSEB, WATER, WHOLE RECOVERABLE	Drinking Water	7.	1	0	0.00				1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	8	6	0.75	1	1	1.00	3	3	1.00	4	2	0.50			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	1	0	0.00							1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	71	47	0.66	14	8	0.57	26	15	0.58	31	24	0.77			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	5.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00			
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00				1	0	0.00						
		Drinking Water	5.	1	0	0.00				1	0	0.00						
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	100.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	1000.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00			
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	12	0	0.00	3	0	0.00	5	0	0.00	4	0	0.00			
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00			
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00			
34306	CHLORODIBROMOMETHANE, TOTAL	Drinking Water	100.	13	0	0.00	3	0	0.00	5	0	0.00	5	0	0.00			
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	11	0	0.00	3	0	0.00	4	0	0.00	4	0	0.00			
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00				1	0	0.00						
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00				1	0	0.00						
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	700.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00			
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	10 &	0	0.00	4	0	0.00	3	0	0.00	3	0	0.00			
		Drinking Water	50.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
34391	HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00			
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	5.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	13	0	0.00	3	0	0.00	6	0	0.00	4	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00			
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	13	0	0.00	3	0	0.00	6	0	0.00	4	0	0.00			
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	13	0	0.00	3	0	0.00	5	0	0.00	5	0	0.00			
		Drinking Water	5.	13	0	0.00	3	0	0.00	5	0	0.00	5	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00			

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EPA Water Quality Criteria Analysis for Station: PAAL0011

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------10/01-11/30---------- Obs	Exceed	Prop.	----------12/01-3/31---------- Obs	Exceed	Prop.	----------4/01-9/30---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	13	0	0.00	3	0	0.00	5	0	0.00	5	0	0.00			
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	12	0	0.00	4	0	0.00	5	0	0.00	3	0	0.00			
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	14	0	0.00	4	0	0.00	5	0	0.00	5	0	0.00			
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	12	0	0.00	4	0	0.00	5	0	0.00	3	0	0.00			
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
38437	DIBROMOCHLOROPROPANE, WATER, TOTAL	Drinking Water	0.2	0 &	0	0.00												
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	12 &	0	0.00	3	0	0.00	5	0	0.00	4	0	0.00			
		Drinking Water	1.	0 &	0	0.00												
39055	SIMAZINE IN WHOLE WATER	Drinking Water	4.	1	0	0.00				1	0	0.00						
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
		Drinking Water	6.	11 &	1	0.09	3	0	0.00	5	1	0.20	3	0	0.00			
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1 &	0	0.00							1	0	0.00			
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00			
		Drinking Water	5.	14	0	0.00	3	0	0.00	6	0	0.00	5	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00				1	0	0.00						
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00				1	0	0.00						
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00				1	0	0.00						
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
		Drinking Water	2.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	12	0	0.00	4	0	0.00	4	0	0.00	4	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
		Drinking Water	2.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	4 &	0	0.00				2	0	0.00	2	0	0.00			
		Drinking Water	3.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
		Drinking Water	0.4	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
		Drinking Water	0.2	12 &	0	0.00	4	0	0.00	5	0	0.00	3	0	0.00			
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	1 &	0	0.00	1	0	0.00									
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	1	0	0.00				1	0	0.00						
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
		Drinking Water	1.	5 &	0	0.00	1	0	0.00	3	0	0.00	1	0	0.00			
39720	PICLORAM IN WHOLE WATER SAMPLE	Drinking Water	500.	1	0	0.00				1	0	0.00						
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
		Drinking Water	0.2	13	0	0.00	4	0	0.00	5	0	0.00	4	0	0.00			
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	1	0	0.00				1	0	0.00						
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	11	0	0.00	3	0	0.00	5	0	0.00	3	0	0.00			
		Drinking Water	2.	11	0	0.00	3	0	0.00	5	0	0.00	3	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	10	0	0.00	2	0	0.00	3	0	0.00	5	0	0.00			
		Drinking Water	2.	10	1	0.10	2	0	0.00	3	0	0.00	5	1	0.20			
77128	STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
77651	1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
77687	2,4,5-TRICHLOROPHENOL, WHOLE WATER	Fresh Acute	100.	8	0	0.00	3	0	0.00	3	0	0.00	2	0	0.00			
81403	DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMP	Fresh Acute	0.083	1 &	0	0.00	1	0	0.00									
82615	CARBOFURAN, WHOLE WATER, TOTAL RECOVERAB	Drinking Water	40.	1	0	0.00				1	0	0.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: PAAL0011

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-9/30 Obs	4/01-9/30 Exceed	4/01-9/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
82619 ALDICARB, WHOLE WATER, TOTAL RECOVERABLE	Drinking Water	3.	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1974 - Station PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	1	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	10	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	4	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	4	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	3	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	5	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	4	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	9	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	8	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	9	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	7	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	6	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	7	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	6	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	5	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	7	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	8	1.	1.	1.	1.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	22	1.	1.318	3.	1.	0.513	0.716	1.	1.	1.	3.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	24	1.	1.208	2.	1.	0.172	0.415	1.	1.	1.	2.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	12	1.	1.083	2.	1.	0.083	0.289	1.	1.	1.	1.7

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	4	1.	1.5	3.	1.	1.	1.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	33	1.	1.061	2.	1.	0.059	0.242	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/03/74-07/29/96	14	26.	25.271	28.3	20.	5.847	2.418	21.05	23.825	27.125	28.25
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/03/74-04/30/96	10	266.	1093.8	7450.	0.	5130112.622	2264.975	1.3	98.5	977.5	6805.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/03/74-01/14/93	4	35.	69.75	190.	19.	6507.583	80.67	**	**	**	**
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/03/74-07/29/96	14	1412.	1519.714	2570.	1050.	149789.758	387.027	1075.	1277.5	1643.75	2257.5
00300	OXYGEN, DISSOLVED MG/L	12/03/74-07/29/96	14	8.05	8.436	12.3	6.4	2.272	1.507	6.65	7.55	9.	11.35
00400	PH (STANDARD UNITS)	12/03/74-07/29/96	13	8.	8.015	8.5	7.8	0.045	0.212	7.8	7.9	8.05	8.46
00400	CONVERTED PH (STANDARD UNITS)	12/03/74-07/29/96	13	8.	7.977	8.5	7.8	0.046	0.215	7.8	7.9	8.05	8.46
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/03/74-07/29/96	13	0.01	0.011	0.016	0.003	0.	0.004	0.003	0.009	0.013	0.016
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/03/74-07/29/96	5	43.	49.6	84.	30.	456.3	21.361	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/03/74-07/29/96	5	11.	10.	11.	7.	3.	1.732	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/03/74-07/29/96	5	0.01	0.019	0.05	0.005	0.	0.018	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/03/74-07/29/96	5	0.13	0.144	0.2	0.1	0.001	0.038	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/03/74-07/29/96	5	4.	3.2	6.	0.5	6.575	2.564	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/03/74-07/29/96	5	206.	192.4	234.	135.	1394.3	37.34	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	12/03/74-07/29/96	5	302.	284.8	327.	236.	1758.7	41.937	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-07/29/96	14	286.	728.714	4800.	30.	1655336.989	1286.599	35.	97.5	577.5	3450.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-07/29/96	14	2.448	2.437	3.681	1.477	0.38	0.617	1.54	1.989	2.754	3.502
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			273.753								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/03/74-07/29/96	5	32.1	23.54	39.6	0.5	284.853	16.878	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	64	1.	1.125	3.	1.	0.206	0.454	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/03/74-07/29/96	30	18.85	18.693	26.3	11.9	12.208	3.494	14.51	16.475	21.1	22.94
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/03/74-04/30/96	25	180.	587.04	4120.	15.	1132594.79	1064.234	52.6	86.	300.	2850.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/03/74-01/14/93	13	42.	42.692	75.	10.	350.397	18.719	14.8	28.	53.5	73.8
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/03/74-07/29/96	30	1413.5	1432.467	2000.	1050.	78855.775	280.813	1080.1	1237.5	1592.5	1956.5
00300	OXYGEN, DISSOLVED MG/L	12/03/74-07/29/96	29	9.9	9.652	12.2	4.6	3.163	1.779	7.	8.45	11.	11.7
00400	PH (STANDARD UNITS)	12/03/74-07/29/96	29	8.1	8.238	9.2	7.6	0.188	0.434	7.7	7.95	8.5	9.1
00400	CONVERTED PH (STANDARD UNITS)	12/03/74-07/29/96	29	8.1	8.072	9.2	7.6	0.217	0.465	7.7	7.95	8.5	9.1
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/03/74-07/29/96	29	0.008	0.008	0.025	0.001	0.	0.007	0.001	0.003	0.011	0.02
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/03/74-07/29/96	9	52.	68.889	206.	20.	3302.611	57.468	20.	33.	87.5	206.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/03/74-07/29/96	8	11.	12.125	18.	6.	20.125	4.486	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/03/74-07/29/96	9	0.04	0.324	2.4	0.005	0.614	0.784	0.005	0.015	0.175	2.4
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/03/74-07/29/96	7	0.16	0.236	0.69	0.11	0.042	0.206	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/03/74-07/29/96	9	5.	4.556	8.	0.5	9.465	3.077	0.5	0.75	7.	8.
00940	CHLORIDE,TOTAL IN WATER MG/L	12/03/74-07/29/96	9	186.	194.	318.	126.	3293.	57.385	126.	153.	226.5	318.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/03/74-07/29/96	10	299.5	312.5	421.	240.	3443.611	58.682	240.6	271.5	360.	417.9
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-07/29/96	26	235.	747.808	6000.	5.	2006558.802	1416.531	16.1	100.	600.	2521.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-07/29/96	26	2.37	2.355	3.778	0.699	0.544	0.738	1.164	2.	2.763	3.347
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			226.216								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/03/74-07/29/96	8	14.	21.875	69.9	0.5	605.028	24.597	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 9/30 - Station PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/03/74-07/29/96	91	1.	1.055	3.	1.	0.075	0.273	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/03/74-07/29/96	45	29.4	28.489	33.	23.4	5.221	2.285	24.74	26.6	30.3	30.62
00061	FLOW, STREAM, INSTANTANEOUS CFS	12/03/74-04/30/96	35	240.	1921.	12500.	0.	12192607.294	3491.791	38.	150.	1340.	9220.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 9/30 - Station PAAL0011

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070	TURBIDITY, (JACKSON CANDLE UNITS)	12/03/74-01/14/93	14	53.5	93.214	265.	16.	7092.643	84.218	16.5	26.5	164.25	247.5
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/03/74-07/29/96	43	1318.	1343.047	2500.	745.	110456.807	332.35	928.	1160.	1455.	1774.
00300	OXYGEN, DISSOLVED MG/L	12/03/74-07/29/96	44	7.65	7.584	10.9	5.2	1.991	1.411	5.7	6.325	8.575	9.6
00400	PH (STANDARD UNITS)	12/03/74-07/29/96	44	8.	8.034	9.	6.9	0.225	0.474	7.45	7.8	8.375	8.7
00400	CONVERTED PH (STANDARD UNITS)	12/03/74-07/29/96	44	8.	7.776	9.	6.9	0.293	0.541	7.45	7.8	8.375	8.7
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/03/74-07/29/96	44	0.01	0.017	0.126	0.001	0.001	0.024	0.002	0.004	0.016	0.036
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/03/74-07/29/96	9	77.	205.	1260.	33.	157551.	396.927	33.	49.	118.	1260.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/03/74-07/29/96	9	10.	22.333	120.	5.	1351.	36.756	5.	8.	14.	120.
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/03/74-07/29/96	10	0.05	0.222	1.12	0.02	0.142	0.377	0.02	0.02	0.273	1.078
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/03/74-07/29/96	10	0.195	0.303	0.95	0.11	0.068	0.261	0.111	0.143	0.423	0.907
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/03/74-07/29/96	10	5.5	6.4	15.	0.5	25.322	5.032	0.5	3.125	9.	15.
00940	CHLORIDE,TOTAL IN WATER MG/L	12/03/74-07/29/96	10	171.	179.5	292.	102.	2793.611	52.855	105.	147.	207.25	286.
00945	SULFATE, TOTAL (MG/L AS SO4)	12/03/74-07/29/96	10	285.	269.4	382.	130.	3900.044	62.45	141.2	248.75	288.5	373.1
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-07/29/96	31	480.	1599.161	20000.	5.	14671226.14	3830.304	62.	230.	1100.	3820.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-07/29/96	31	2.681	2.663	4.301	0.699	0.473	0.688	1.767	2.362	3.041	3.571
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			459.851								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/03/74-07/29/96	10	16.7	16.641	36.	2.	102.591	10.129	2.5	8.058	22.925	35.03

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: PAAL0012

NPS Station ID: PAAL0012
LAT/LON: 25.876392/ -97.454170
Agency: 112WRD
Date Created: / /
Location: RIO GRANDE NR BROWNSVILLE, TX
FIPS State/County: 48061 TEXAS/CAMERON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 08475000
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13090002
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin:
ECO Region:
RF1 Index: 13090002
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	208	26.6	25.08	33.	9.5	29.356	5.418	16.	22.	29.5	30.5
00025	BAROMETRIC PRESSURE (MM OF HG)	08/19/82-01/07/97	82	766.	766.951	780.	750.	41.356	6.431	760.	762.	771.25	775.
00031	LIGHT,INCIDENT, PERCENT REMAING AT CERTAIN DEPTH	08/30/94-08/30/94	1	3.4	3.4	3.4	3.4	0.	0.	**	**	**	**
00060	FLOW, STREAM, MEAN DAILY CFS	02/15/66-08/19/75	34	3505.	4977.235	12600.	4.	17914566.367	4232.56	420.	946.	9495.	11650.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	170	383.	2430.879	14000.	0.5	14392547.679	3793.751	48.3	138.	3307.5	8698.
00065	STAGE, STREAM (FEET)	05/12/83-01/07/97	17	2.36	2.453	4.68	0.92	0.991	0.996	1.2	1.64	2.985	4.032
00070	TURBIDITY, (JACKSON CANDLE UNITS)	11/12/74-09/13/78	30	27.5	42.267	280.	4.	2743.857	52.382	8.2	15.	46.25	88.5
00076p	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/04/78-01/07/97	108	25.	46.313	860.	0.5	8324.095	91.236	9.87	17.25	38.75	76.3
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/06/66-01/07/97	145	1400.	1426.89	2730.	445.	104901.252	323.885	1062.	1228.5	1600.	1818.
00300p	OXYGEN, DISSOLVED MG/L	11/12/74-01/07/97	139	8.	8.245	12.5	3.5	2.585	1.608	6.4	7.3	9.2	10.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/12/74-01/26/83	57	96.	94.368	123.	47.	240.308	15.502	70.6	90.	103.5	113.2
00310p	BOD, 5 DAY, 20 DEG C MG/L	11/12/74-08/30/95	125	3.	3.076	7.5	0.4	1.782	1.335	1.4	2.	3.8	4.84
00400p	PH (STANDARD UNITS)	12/06/66-01/07/97	143	8.1	8.054	8.8	7.2	0.076	0.275	7.7	7.9	8.2	8.4
00400p	CONVERTED PH (STANDARD UNITS)	12/06/66-01/07/97	143	8.1	7.957	8.8	7.2	0.085	0.292	7.7	7.9	8.2	8.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/06/66-01/07/97	143	0.008	0.011	0.063	0.002	0.	0.009	0.004	0.006	0.013	0.02
00403	PH, LAB, STANDARD UNITS SU	10/22/80-01/07/97	97	8.	7.968	8.6	7.5	0.042	0.205	7.7	7.8	8.1	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	10/22/80-01/07/97	97	8.	7.923	8.6	7.5	0.044	0.21	7.7	7.8	8.1	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/80-01/07/97	97	0.01	0.012	0.032	0.003	0.	0.005	0.006	0.008	0.016	0.02
00405	CARBON DIOXIDE (MG/L AS CO2)	11/12/74-08/20/80	41	3.3	5.378	31.	0.9	33.71	5.806	1.74	2.45	5.7	9.62
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/06/66-06/26/90	99	138.	145.081	262.	0.	1560.646	39.505	104.	118.	179.	198.
00417	ALKALINITY,FIXED ENDPOINT TITRATION, USGS LAB MG/L	01/14/87-01/14/87	1	204.	204.	204.	204.	0.	0.	**	**	**	**
00419	ALKALINITY,CARBONATE,INCREMENTAL TITR FIELD MG/L	11/20/86-11/20/86	1	130.	130.	130.	130.	0.	0.	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	12/06/66-09/01/87	49	180.	185.98	320.	108.	2656.687	51.543	127.	140.	221.	250.
00445	CARBONATE ION (MG/L AS CO3)	12/06/66-09/01/87	49	0.	0.245	4.	0.	0.939	0.969	0.	0.	0.	0.
00447	CARBONATE,INCREMENTAL TITRATION,(CO3) FIELD MG/L	08/26/86-11/19/87	7	0.	1.571	7.	0.	7.952	2.82	**	**	**	**
00450	BICARBONATE,INCREMENTAL TITRATION,(HCO3) FIELDMG/L	08/26/86-11/19/87	7	177.	188.857	273.	144.	2407.476	49.066	**	**	**	**
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	11/19/87-01/07/97	54	0.	1.481	17.	0.	13.802	3.715	0.	0.	0.	7.5
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	11/19/87-01/07/97	57	162.	173.211	255.	121.	1105.526	33.249	139.8	151.	194.	227.
00572	BIOMASS, PERIPHYTON (GRAMS PER SQUARE METER)	10/18/77-01/24/80	3	22.7	18.183	27.6	4.25	151.606	12.313	**	**	**	**
00573	BIOMASS, PERIPHYTON,DRY WEIGHT TOTAL (G/M2)	10/18/77-01/24/80	3	24.3	19.837	30.8	4.41	189.049	13.75	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	11/12/74-09/16/81	49	1.1	1.322	3.5	0.53	0.47	0.685	0.71	0.855	1.55	2.3
00602	NITROGEN, DISSOLVED (MG/L AS N)	10/17/79-08/19/81	13	0.72	0.704	1.3	0.15	0.11	0.332	0.21	0.485	0.9	1.26
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/12/74-09/16/81	50	0.78	0.856	1.9	0.38	0.101	0.317	0.542	0.65	1.018	1.29
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	10/17/79-08/19/81	13	0.55	0.588	1.2	0.15	0.078	0.279	0.186	0.415	0.805	1.056
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/79-01/07/97	101	0.03	0.042	0.27	0.	0.002	0.047	0.008	0.01	0.05	0.098
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/12/74-10/14/92	92	0.04	0.173	2.4	0.	0.166	0.407	0.01	0.02	0.108	0.232
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/23/85-01/07/97	70	## 0.005	0.011	0.07	0.001	0.	0.011	0.005	0.005	0.017	0.029
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/12/74-10/14/92	49	0.01	0.017	0.06	0.005	0.	0.013	0.005	0.01	0.02	0.04

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	11/12/74-09/12/79	36	0.1	0.205	1.5	0.	0.088	0.296	0.	0.02	0.27	0.616
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	12/06/77-01/07/97	39	0.46	0.475	1.2	0.12	0.049	0.221	0.23	0.3	0.57	0.85
00624	NITROGEN, KJELDAHL, SUSPENDED (MG/L AS N)	04/25/79-08/19/81	15	0.42	0.393	0.84	0.	0.088	0.297	0.006	0.08	0.71	0.816
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/12/74-01/07/97	139	0.8	0.91	3.5	0.2	0.247	0.497	0.5	0.66	1.	1.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/12/74-10/14/92	63	0.1	0.191	1.5	0.	0.062	0.249	0.01	0.03	0.27	0.472
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/17/79-01/07/97	101 ##	0.05	0.131	0.7	0.	0.026	0.163	0.025	0.025	0.2	0.4
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/25/79-04/25/79	1	0.21	0.21	0.21	0.21	0.	0.	**	**	**	**
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	12/02/81-05/26/82	2	0.09	0.09	0.12	0.06	0.002	0.042	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/12/74-01/07/97	139	0.09	0.127	0.78	0.01	0.016	0.125	0.04	0.06	0.13	0.24
00666p	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/06/77-01/07/97	115	0.02	0.024	0.12	0.	0.001	0.023	0.005	0.005	0.03	0.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/22/81-01/07/97	88	0.01	0.021	0.13	0.001	0.001	0.023	0.005	0.005	0.03	0.051
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/19/75-02/19/81	23	6.2	7.343	15.	3.8	8.856	2.976	4.26	5.	8.8	12.
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	08/15/78-01/07/97	21	4.2	5.333	12.	3.5	5.916	2.432	3.62	3.8	6.4	10.44
00689	CARBON, SUSPENDED ORGANIC (MG/L AS C)	08/15/78-01/07/97	21	1.7	1.767	2.9	0.3	0.524	0.724	0.7	1.25	2.35	2.6
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/06/66-01/08/91	63	350.	345.857	560.	0.	10151.286	100.754	230.	280.	410.	496.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/06/66-01/26/83	62	200.	201.984	340.	43.	3258.934	57.087	140.	160.	232.5	280.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	12/06/66-01/07/97	143	88.	93.692	150.	46.	456.82	21.373	71.	79.	110.	126.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/06/66-01/07/97	143	27.	27.021	48.	6.	50.331	7.094	18.4	23.	31.	36.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	12/06/66-01/07/97	143	160.	165.441	360.	36.	1876.952	43.324	120.	140.	180.	210.
00931	SODIUM ADSORPTION RATIO	12/06/66-01/08/91	63	3.7	3.6	6.3	0.	0.836	0.914	2.74	3.1	4.1	4.56
00932	SODIUM, PERCENT	12/06/66-01/08/91	63	48.	47.825	62.	0.	61.437	7.838	42.4	46.	51.	55.6
00933	SODIUM,PLUS POTASSIUM (MG/L)	04/25/79-02/20/80	6	175.	200.	330.	150.	4560.	67.528	**	**	**	**
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	12/06/66-01/07/97	143	6.	5.999	8.8	2.3	0.857	0.926	5.	5.5	6.5	7.26
00940p	CHLORIDE,TOTAL IN WATER MG/L	12/06/66-01/07/97	144	190.	197.729	480.	32.	3824.828	61.845	135.	160.	230.	280.
00945p	SULFATE, TOTAL (MG/L AS SO4)	12/06/66-01/07/97	144	290.	285.375	540.	72.	3694.921	60.786	215.	250.	320.	345.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	12/06/66-01/07/97	141	0.7	0.695	1.1	0.2	0.027	0.164	0.5	0.6	0.8	0.9
00955p	SILICA, DISSOLVED (MG/L AS SI02)	12/06/66-01/07/97	143	14.	14.101	24.	7.	9.501	3.082	11.	12.	16.	18.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/19/75-01/07/97	70	3.	3.579	7.	0.5	1.621	1.273	2.	3.	4.	5.9
01001	ARSENIC, SUSPENDED (UG/L AS AS)	02/14/78-08/19/82	14	1.	1.214	5.	0.	2.335	1.528	0.	0.	1.25	4.5
01002	ARSENIC, TOTAL (UG/L AS AS)	02/19/75-08/19/82	22	4.	4.045	7.	2.	1.76	1.327	3.	3.	5.	6.7
01005	BARIUM, DISSOLVED (UG/L AS BA)	04/12/77-01/07/97	83	110.	116.337	300.	50.	1255.275	35.43	91.4	100.	120.	140.6
01006	BARIUM, SUSPENDED (UG/L AS BA)	02/14/78-05/26/82	14	0.	50.	200.	0.	7307.692	85.485	0.	0.	125.	200.
01007	BARIUM, TOTAL (UG/L AS BA)	08/16/77-08/19/82	16	100.	171.875	400.	50.	12989.583	113.972	50.	100.	300.	330.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	11/04/82-01/07/97	48 ##	0.25	0.615	5.	0.	1.324	1.151	0.25	0.25	0.5	0.5
01020	BORON, DISSOLVED (UG/L AS B)	02/19/75-01/07/97	16	360.	356.5	450.	230.	3699.2	60.821	258.	327.75	403.25	438.8
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/19/75-01/07/97	70 ##	0.5	0.493	2.	0.	0.091	0.301	0.	0.5	0.5	0.95
01026	CADMIUM, SUSPENDED (UG/L AS CD)	02/14/78-01/24/80	6	0.	0.	0.	0.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	02/19/75-08/19/82	22 ##	0.25	2.045	10.	0.	14.855	3.854	0.	0.	1.	10.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/19/75-01/07/97	70 ##	0.5	2.121	20.	0.	16.967	4.119	0.	0.5	2.	10.
01031	CHROMIUM, SUSPEND (UG/L AS CR)	02/14/78-05/26/82	14	0.	2.143	10.	0.	18.132	4.258	0.	0.	2.5	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/19/75-08/19/82	22 ##	10.	8.864	30.	0.	76.028	8.719	0.	0.	10.	27.
01035	COBALT, DISSOLVED (UG/L AS CO)	02/19/75-01/07/97	88 ##	1.5	1.176	4.	0.	0.414	0.643	0.	0.5	1.5	1.5
01036	COBALT, SUSPENDED (UG/L AS CO)	02/14/78-01/24/80	6	0.5	0.667	2.	0.	0.667	0.816	**	**	**	**
01037	COBALT, TOTAL (UG/L AS CO)	02/19/75-08/19/82	22 ##	1.	10.114	50.	0.	374.094	19.341	0.	0.	4.5	50.
01040	COPPER, DISSOLVED (UG/L AS CU)	02/19/75-01/07/97	70	1.	1.729	14.	0.	3.454	1.859	0.5	1.	2.	3.
01041	COPPER, SUSPENDED (UG/L AS CU)	02/14/78-08/19/82	15	5.	12.2	78.	0.	393.029	19.825	0.	3.	15.	46.2
01042	COPPER, TOTAL (UG/L AS CU)	02/19/75-08/19/82	22	7.5	12.5	80.	0.	280.548	16.75	0.6	4.75	14.5	26.4
01044	IRON, SUSPENDED (UG/L AS FE)	08/15/78-05/26/82	7	850.	4214.286	23000.	560.	68974861.905	8305.111	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	02/19/75-08/19/82	22	715.	2244.545	23000.	170.	23342083.117	4831.365	310.	577.5	1800.	5190.
01046	IRON, DISSOLVED (UG/L AS FE)	02/19/75-01/07/97	88	5.	9.756	52.	0.	151.678	12.316	1.5	1.5	11.	30.
01049	LEAD, DISSOLVED (UG/L AS PB)	02/19/75-01/07/97	70 ##	0.5	1.471	20.	0.	6.434	2.537	0.	0.5	2.125	2.5
01050	LEAD, SUSPENDED (UG/L AS PB)	02/14/78-05/26/82	14	5.	7.357	31.	0.	64.247	8.015	1.	2.75	9.25	24.
01051	LEAD, TOTAL (UG/L AS PB)	02/19/75-08/19/82	22	5.5	24.045	100.	0.	1391.855	37.308	1.6	3.	21.75	100.
01054	MANGANESE, SUSPENDED (UG/L AS MN)	02/14/78-08/19/82	11	100.	116.364	220.	50.	3405.455	58.356	52.	70.	160.	214.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/19/75-08/19/82	22	150.	176.364	960.	50.	34043.29	184.508	53.	87.5	197.5	227.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/19/75-01/07/97	88	2.	12.188	250.	0.5	1300.852	36.067	0.5	0.5	5.	31.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/04/82-01/07/97	66 ##	5.	6.909	20.	4.	7.653	2.766	5.	5.	9.	10.
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/19/75-01/07/97	82	1.	1.524	6.	0.	1.604	1.267	0.5	0.5	2.	3.
01066	NICKEL, SUSPENDED (UG/L AS NI)	10/17/79-08/19/82	10	1.5	3.4	17.	0.	26.489	5.147	0.	0.	5.	15.8
01067	NICKEL, TOTAL (UG/L AS NI)	10/17/79-08/19/82	11	2.	4.364	18.	0.	24.855	4.985	0.4	2.	6.	15.8
01075	SILVER, DISSOLVED (UG/L AS AG)	04/12/77-01/07/97	83 ##	0.5	0.488	4.	0.	0.195	0.442	0.	0.5	0.5	0.5
01076	SILVER, SUSPENDED (UG/L AS AG)	02/14/78-08/19/81	11	0.	0.091	1.	0.	0.091	0.302	0.	0.	0.	0.8
01077	SILVER, TOTAL (UG/L AS AG)	08/16/77-08/19/82	17 ##	0.	0.824	10.	0.	5.717	2.391	0.	0.	0.5	2.8

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/19/75-01/07/97	71	1600.	1640.845	2500.	1200.	76450.704	276.497	1320.	1400.	1800.	2000.
01085	VANADIUM, DISSOLVED (UG/L AS V)	11/04/82-01/07/97	66 ##	3.	4.364	15.	2.	7.035	2.652	3.	3.	6.	8.
01090	ZINC, DISSOLVED (UG/L AS ZN)	02/19/75-01/07/97	70	6.5	8.8	52.	0.	75.604	8.695	1.5	3.	11.	20.
01091	ZINC, SUSPENDED (UG/L ZN)	02/14/78-08/19/82	10	20.	24.7	110.	0.	1060.9	32.571	0.	0.	30.	102.
01092	ZINC, TOTAL (UG/L AS ZN)	02/19/75-08/19/82	22	20.	28.182	120.	0.	663.203	25.753	10.	10.	40.	57.
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	03/19/96-01/07/97	11 ##	0.5	0.545	1.	0.5	0.023	0.151	0.5	0.5	0.5	0.9
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/19/75-01/07/97	71	5.	14.535	90.	0.5	347.402	18.639	1.2	5.	20.	38.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	02/19/75-01/07/97	71	58.	57.169	90.	30.	99.657	9.983	43.2	51.	63.	70.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	02/19/75-01/07/97	88 ##	0.5	0.506	1.	0.	0.043	0.208	0.5	0.5	0.5	0.55
01146	SELENIUM, SUSPENDED (UG/L AS SE)	02/14/78-08/19/81	11	0.	0.091	1.	0.	0.091	0.302	0.	0.	0.	0.8
01147	SELENIUM, TOTAL (UG/L AS SE)	02/19/75-08/19/82	22	0.5	0.5	1.	0.	0.143	0.378	0.	0.	1.	1.
04024	PROPACHLOR,DISSOLVED,WATER,TOTAL RECOVERABLE UG/L	03/19/96-01/07/97	11 ##	0.004	0.004	0.004	0.004	0.	0.	0.004	0.004	0.004	0.004
04028	BUTYLATE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/19/96-01/07/97	11 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/19/96-01/07/97	11 ##	0.003	0.003	0.005	0.003	0.	0.001	0.003	0.003	0.003	0.005
04037	PROMETON, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/19/96-01/07/97	7 ##	0.009	0.009	0.009	0.009	0.	0.	**	**	**	**
04040	DEETHYL ATRAZINE,DISSOLVED,WATER,TOT REC UG/L	03/19/96-01/07/97	1 ##	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
04041	CYANAZINE,DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/19/96-01/07/97	11 ##	0.002	0.002	0.002	0.002	0.	0.	0.002	0.002	0.002	0.002
04095	FONOFOS, DISSOLVED, WATER, TOTAL RECOVERABLE UG/L	03/19/96-01/07/97	11 ##	0.002	0.002	0.002	0.002	0.	0.	0.002	0.002	0.002	0.002
22703	URANIUM, NATURAL, DISSOLVED	03/19/96-01/07/97	11	3.	3.273	4.	2.	0.618	0.786	2.	3.	4.	4.
29801	ALKALINITY,WATR,DISS.,FIX END PT,LAB,AS CACO3,MG/L	03/19/96-01/07/97	11	143.	144.545	186.	118.	512.273	22.633	119.	124.	161.	183.
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	11/12/74-08/15/78	29	50000.	211572.345	1750000.	300.156	815309436.52	395999.128	2200.	4700.	190000.	789999.
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	11/12/74-08/15/78	29	4.699	4.555	6.243	2.477	0.957	0.978	3.342	3.672	5.278	5.898
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			35896.043								
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/12/74-02/14/90	15	3400.	31710.667	250000.	0.	5405131434.667	73519.599	9.6	60.	6700.	198400.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	11/12/74-02/14/90	15	3.531	3.062	5.398	0.	2.274	1.508	0.722	1.778	3.826	5.288
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			1154.525								
31625p	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/16/76-08/30/95	109	560.	14351.128	799999.	22.	6786616469.28	82380.923	80.	175.	1650.	13000.
31625p	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/16/76-08/30/95	109	2.748	2.844	5.903	1.342	0.738	0.859	1.903	2.243	3.217	4.114
31625p	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			698.916								
31673p	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/16/76-08/30/95	108	215.	2785.907	120000.	4.	152018568.533	12329.581	30.	77.75	800.	4720.
31673p	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/16/76-08/30/95	108	2.332	2.454	5.079	0.602	0.714	0.845	1.477	1.891	2.903	3.674
31673p	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			284.607								
31679	FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,48H	11/12/74-06/22/76	14	1400.	3552.286	16000.	20.	25333113.143	5033.201	30.	75.5	6150.	14250.
31679	LOG FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,	11/12/74-06/22/76	14	3.145	2.916	4.204	1.301	0.922	0.96	1.452	1.875	3.789	4.151
31679	GM FECAL STREPTOCOCCI,MF M-ENTEROCOCCUS AGAR,35C,4	GEOMETRIC MEAN =			823.444								
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	12/06/66-09/28/67	3	7500.	7533.333	7700.	7400.	23333.333	152.753	**	**	**	**
34253	A-BHC-ALPHA DISSUG/L	03/19/96-01/07/97	11 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
34653	P,P'-DDE DISSUG/L	03/19/96-01/07/97	11 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
38933	CHLORPYRIFOS,DISSOLVED UG/L	03/19/96-01/07/97	10 ##	0.002	0.005	0.03	0.002	0.	0.009	0.002	0.002	0.002	0.027
39025	SIMAZINE,COULSON CONDUCTIVITY,WATER SAMPLE(UG/L)	11/16/76-05/10/78	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	02/24/82-05/25/82	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	04/26/90-01/07/97	42	133.5	140.19	209.	0.	1274.89	35.706	110.	123.	162.5	185.7
39046	SIMAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	05/26/76-05/26/76	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	10/19/89-01/07/97	47	133.	142.872	224.	99.	826.375	28.747	114.8	124.	161.	186.4
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	02/24/82-05/25/82	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	10/22/81-10/22/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/21/75-10/21/75	1	0.12	0.12	0.12	0.12	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/21/75-05/10/78	2	0.295	0.295	0.47	0.12	0.061	0.247	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	14 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/75-10/22/81	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	05/20/75-05/25/82	14 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39341	GAMMA-BHC(LINDANE),DISSOLVED,UG/L	03/19/96-01/07/97	11 ##	0.002	0.002	0.002	0.002	0.	0.	0.002	0.002	0.002	0.002
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	05/20/75-10/22/81	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	05/20/75-05/25/82	14 ##	0.	0.007	0.05	0.	0.	0.018	0.	0.	0.	0.05
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	05/20/75-10/22/81	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	14 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/75-10/22/81	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	14 ##	0.	0.003	0.04	0.	0.	0.011	0.	0.	0.	0.023
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/75-10/22/81	4 ##	0.	0.025	0.1	0.	0.003	0.05	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	14 ##	0.	0.006	0.08	0.	0.	0.021	0.	0.	0.	0.043
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/75-10/22/81	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	14 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/19/96-01/07/97	11 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/20/75-10/22/81	6 ##	0.	0.015	0.09	0.	0.001	0.037	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	02/24/82-05/25/82	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	10/22/81-10/22/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	14 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/75-10/22/81	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	14 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.003
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/20/75-11/15/78	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	14 ##	0.	0.071	0.5	0.	0.033	0.182	0.	0.	0.	0.5
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	05/20/75-10/22/81	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	14 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	05/20/75-10/22/81	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39415	METOLACHLOR, WATER, DISSOLVED UG/L	03/19/96-01/07/97	9 ##	0.001	0.002	0.007	0.001	0.	0.002	0.001	0.001	0.003	0.007
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	14 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	05/20/75-10/22/81	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	14 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	05/20/75-10/22/81	6 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	02/14/78-02/14/78	1	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	05/10/78-05/25/82	7 ##	0.	0.014	0.05	0.	0.001	0.024	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/10/78-10/22/81	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	14 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.003
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/75-11/15/78	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39532	MALATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/19/96-01/07/97	11 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	14 ##	0.	0.001	0.01	0.	0.	0.004	0.	0.	0.	0.01
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/75-11/15/78	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/19/96-01/07/97	11 ##	0.002	0.002	0.002	0.002	0.	0.	0.002	0.002	0.002	0.002
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	14 ##	0.	0.001	0.01	0.	0.	0.003	0.	0.	0.	0.008
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	05/20/75-11/15/78	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39572	DIAZINON IN FILT. FRAC. OF WATER SAMPLE (UG/L)	03/19/96-01/07/97	11 ##	0.001	0.001	0.005	0.001	0.	0.001	0.001	0.001	0.001	0.004
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	14 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.003
39601	METHYL PARATHION IN BOT. DEPOS.(UG/KG DRY SOLIDS)	05/20/75-11/15/78	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE (UG/L)	10/21/75-05/10/78	7 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39631	ATRAZINE IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	05/26/76-05/26/76	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39632	ATRAZINE DISSOLVED IN WATER PPB	03/19/96-01/07/97	11	0.009	0.014	0.03	0.005	0.	0.01	0.005	0.008	0.03	0.03
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	10/21/75-05/25/82	10 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/26/76-05/10/78	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	10/21/75-05/25/82	10 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/26/76-05/10/78	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	02/24/82-05/25/82	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	10/22/81-10/22/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	10/21/75-05/25/82	10 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/26/76-05/10/78	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	14 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.003
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	05/20/75-11/15/78	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	14 ##	0.	0.	0.005	0.	0.	0.001	0.	0.	0.	0.003
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	05/20/75-11/15/78	5 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
46342	ALACHLOR (LASSO), WATER, DISSOLVED UG/L	03/19/96-01/07/97	11 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
49260	ACETOCHLOR, RECOVERABLE, WATER, FILTERED UG/L	03/19/96-01/07/97	11 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
60050	ALGAE, TOTAL (CELLS/ML)	11/12/74-08/19/81	26	97500.	187913.846	710000.	360.43	935669464.615	209608.372	8020.	25250.	340000.	566000.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/06/66-01/07/97	141	884.	904.56	1730.	267.	43684.662	209.009	681.	782.	985.	1178.
70301	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/17/67-01/08/91	59	827.	842.712	1480.	0.	57703.002	240.214	579.	705.	997.	1160.
70302	SOLIDS, DISSOLVED-TONS PER DAY	07/31/67-09/22/82	56	1180.	3091.788	19000.	8.7	18087473.276	4252.937	162.6	610.75	3702.5	10430.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	12/06/66-01/26/83	62	1.165	1.172	2.04	0.36	0.092	0.303	0.799	0.99	1.34	1.618
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	195	94.	90.046	100.	7.	138.56	11.771	75.2	87.	98.	99.
70332	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .125MM	02/15/66-02/28/83	56	98.	96.75	100.	76.	16.191	4.024	93.	96.	99.	100.
70333	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .250MM	02/15/66-02/28/83	48	100.	99.292	100.	89.	2.764	1.663	98.9	99.	100.	100.
70334	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .500MM	02/15/66-02/28/83	22	100.	99.682	100.	95.	1.18	1.086	99.	100.	100.	100.
70335	SUSPENDED SED SIEVE DIAMETER,% FINER THAN 1.00MM	10/04/72-10/29/76	3	100.	100.	100.	100.	0.	0.	**	**	**	**
70337	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .002MM	04/25/66-02/28/83	62	58.5	54.806	75.	8.	160.618	12.674	37.3	48.75	64.	67.7
70338	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .004MM	04/25/66-02/28/83	62	68.	66.435	87.	9.	202.414	14.227	47.	63.75	76.	80.
70339	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .008MM	04/25/66-02/28/83	62	79.5	75.952	96.	15.	212.539	14.579	57.6	71.	85.	89.
70340	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .016MM	04/25/66-02/28/83	62	89.	84.774	98.	32.	169.227	13.009	69.3	81.75	92.	95.
70341	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .031MM	04/25/66-02/28/83	62	93.	89.984	99.	40.	111.065	10.539	75.5	89.75	96.	98.
70342	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .062MM	05/18/67-09/28/67	5	97.	96.6	98.	94.	2.3	1.517	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70343	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .125MM	05/18/67-09/28/67	5	98.	98.	99.	96.	1.5	1.225	**	**	**	**
70344	SUS SED FALL DIA(DISTLD WATER)%FINER THAN .250MM	05/18/67-09/28/67	5	100.	100.	100.	100.	0.	0.	**	**	**	**
70507	PHOSPHORUS,IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10/31/90-10/14/92	13	0.05	0.045	0.1	0.005	0.001	0.029	0.005	0.02	0.06	0.096
70950	BIOMASS-CHLOROPHYLL RATIO, PERIPHYTON (UNITS)	11/16/76-01/24/80	2	379.85	379.85	740.	19.7	259416.045	509.329	**	**	**	**
70955	CHLOROPHYLL-A,PERIDHYTON UG/L,CHROMO-SPECTRO	11/16/76-11/16/76	1	2.1	2.1	2.1	2.1	0.	0.	**	**	**	**
70956	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-SPECTRO	11/16/76-11/16/76	1	1.4	1.4	1.4	1.4	0.	0.	**	**	**	**
70957	CHLOROPHYLL-A,PERIPHYTON UG/L,CHROMO-FLUORO	10/18/77-01/24/80	3	1.7	3.4	8.1	0.4	16.99	4.122	**	**	**	**
70958	CHLOROPHYLL-B,PERIPHYTON UG/L,CHROMO-FLUORO	10/18/77-01/24/80	3	0.04	0.147	0.4	0.	0.049	0.22	**	**	**	**
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	04/25/79-01/15/81	12	0.015	0.05	0.2	0.	0.004	0.062	0.	0.01	0.1	0.17
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	10/17/79-01/26/83	21	0.06	0.071	0.23	0.	0.004	0.065	0.002	0.02	0.085	0.198
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	12/06/66-10/17/67	5	5.3	4.84	7.9	2.2	5.513	2.348	**	**	**	**
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/25/79-05/03/84	29	0.21	0.337	2.3	0.03	0.191	0.437	0.12	0.15	0.295	0.83
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/12/74-09/16/81	49	4.6	5.865	16.	2.3	9.611	3.1	3.1	3.8	6.9	10.
71890	MERCURY, DISSOLVED (UG/L AS HG)	02/19/75-09/04/91	58 ##	0.05	0.122	0.7	0.	0.015	0.121	0.05	0.05	0.2	0.255
71895	MERCURY, SUSPENDED (UG/L AS HG)	02/14/78-05/26/82	13	0.1	0.154	0.7	0.	0.038	0.194	0.	0.	0.2	0.54
71900	MERCURY, TOTAL (UG/L AS HG)	02/19/75-08/19/82	22	0.25	0.298	1.7	0.05	0.129	0.359	0.05	0.1	0.3	0.71
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	201	92.	423.567	7000.	6.	588474.837	767.121	32.2	45.	543.	1164.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/15/66-09/22/82	118	4210.	11379.919	139000.	2.7	324521170.254	18014.471	18.6	101.5	18325.	29070.
80222	SUSPENDED SILT CONCENTRATION (<.0625MM) MG/L	11/13/96-11/13/96	1	191.	191.	191.	191.	0.	0.	**	**	**	**
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	10/22/81-10/22/81	1	0.	0.	0.	0.	0.	0.	**	**	**	**
82068	POTASSIUM 40, DISSOLVED, K-40 PC/LITER	01/15/81-04/08/81	3	4.6	4.433	4.6	4.1	0.083	0.289	**	**	**	**
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	02/24/82-05/25/82	2 ##	0.003	0.003	0.005	0.	0.	0.004	**	**	**	**
82630	METRIBUZIN (SENCOR), WATER, DISSOLVED UG/L	03/19/96-01/07/97	11 ##	0.002	0.002	0.002	0.002	0.	0.	0.002	0.002	0.002	0.002
82660	DIETHYLANILINE, 2, 6-,0.7UM FILT,TOT RECV,WTR UG/L	03/19/96-01/07/97	11 ##	0.002	0.002	0.002	0.002	0.	0.	0.002	0.002	0.002	0.002
82661	TRIFLURALINE, 0.7UM FILT,TOT RECV, WATER UG/L	03/19/96-01/07/97	10 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
82663	ETHALFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	11 ##	0.002	0.002	0.002	0.002	0.	0.	0.002	0.002	0.002	0.002
82664	PHORATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	11 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
82665	TERBACIL, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	11 ##	0.004	0.004	0.004	0.004	0.	0.	0.004	0.004	0.004	0.004
82666	LINURON, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	11 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
82667	METHYL PARATHION,0.7 UM FILT,TOT RECV,WATER UG/L	03/19/96-01/07/97	11 ##	0.003	0.012	0.08	0.003	0.001	0.023	0.003	0.003	0.003	0.068
82668	EPTC, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	11 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
82669	PEBULATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	11 ##	0.002	0.002	0.002	0.002	0.	0.	0.002	0.002	0.002	0.002
82670	TEBUTHIURON, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	11 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
82671	MOLINATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	11 ##	0.002	0.002	0.002	0.002	0.	0.	0.002	0.002	0.002	0.002
82672	ETHOPROP, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	11 ##	0.002	0.002	0.002	0.002	0.	0.	0.002	0.002	0.002	0.002
82673	BENFLURALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	11 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
82674	CARBOFURAN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	11 ##	0.002	0.002	0.002	0.002	0.	0.	0.002	0.002	0.002	0.002
82675	TERBUFOS, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	11 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
82676	PRONAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	11 ##	0.002	0.002	0.002	0.002	0.	0.	0.002	0.002	0.002	0.002
82677	DISULFOTON, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	11 ##	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
82678	TRIALLATE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	11 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
82679	PROPANIL, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	11 ##	0.002	0.002	0.002	0.002	0.	0.	0.002	0.002	0.002	0.002
82680	CARBARYL, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	11 ##	0.002	0.002	0.002	0.002	0.	0.	0.002	0.002	0.002	0.002
82681	THIOBENCARB, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	11 ##	0.001	0.001	0.001	0.001	0.	0.	0.001	0.001	0.001	0.001
82682	DCPA, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	8 ##	0.001	0.004	0.02	0.001	0.	0.007	**	**	**	**
82683	PENDIMETHALIN, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	11 ##	0.002	0.002	0.002	0.002	0.	0.	0.002	0.002	0.002	0.002
82684	NAPROPAMIDE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	11 ##	0.002	0.002	0.002	0.002	0.	0.	0.002	0.002	0.002	0.002
82685	PROPARGITE, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	11 ##	0.005	0.005	0.005	0.005	0.	0.	0.005	0.005	0.005	0.005
82686	METHYL AZINPHOS, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	10 ##	0.001	0.001	0.005	0.001	0.	0.001	0.001	0.001	0.001	0.005
82687	PERMETHRIN, CIS, 0.7 UM FILT, TOT RECV, WATER UG/L	03/19/96-01/07/97	10 ##	0.003	0.003	0.003	0.003	0.	0.	0.003	0.003	0.003	0.003

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: PAAL0012

				Total	Exceed	Prop.	----------10/01-11/30----------			----------12/01-3/31----------			----------4/01-9/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	30	7	0.23	5	2	0.40	10	1	0.10	15	4	0.27			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	108	19	0.18	20	6	0.30	35	5	0.14	53	8	0.15			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	139	2	0.01	25	0	0.00	45	0	0.00	69	2	0.03			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: PAAL0012

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-9/30 Obs	4/01-9/30 Exceed	4/01-9/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00400	PH	Fresh Chronic	9.	143	0	0.00	26	0	0.00	47	0	0.00	70	0	0.00			
		Other-Lo Lim.	6.5	143	0	0.00	26	0	0.00	47	0	0.00	70	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	97	0	0.00	18	0	0.00	29	0	0.00	50	0	0.00			
		Other-Lo Lim.	6.5	97	0	0.00	18	0	0.00	29	0	0.00	50	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	70	0	0.00	12	0	0.00	21	0	0.00	37	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	49	0	0.00	9	0	0.00	17	0	0.00	23	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	36	0	0.00	6	0	0.00	13	0	0.00	17	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	63	0	0.00	12	0	0.00	23	0	0.00	28	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	101	0	0.00	19	0	0.00	32	0	0.00	50	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	144	0	0.00	26	0	0.00	48	0	0.00	70	0	0.00			
		Drinking Water	250.	144	24	0.17	26	6	0.23	48	9	0.19	70	9	0.13			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	144	112	0.78	26	20	0.77	48	41	0.85	70	51	0.73			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	141	0	0.00	24	0	0.00	47	0	0.00	70	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	70	0	0.00	14	0	0.00	17	0	0.00	39	0	0.00			
		Drinking Water	50.	70	0	0.00	14	0	0.00	17	0	0.00	39	0	0.00			
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	14	0	0.00	3	0	0.00	4	0	0.00	7	0	0.00			
		Drinking Water	50.	14	0	0.00	3	0	0.00	4	0	0.00	7	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	22	0	0.00	3	0	0.00	6	0	0.00	13	0	0.00			
		Drinking Water	50.	22	0	0.00	3	0	0.00	6	0	0.00	13	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	83	0	0.00	18	0	0.00	21	0	0.00	44	0	0.00			
01006	BARIUM, SUSPENDED	Drinking Water	2000.	14	0	0.00	3	0	0.00	5	0	0.00	6	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	16	0	0.00	3	0	0.00	5	0	0.00	8	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	48	0	0.00	11	0	0.00	11	0	0.00	26	0	0.00			
		Drinking Water	4.	45 &	0	0.00	11	0	0.00	10	0	0.00	24	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	70	0	0.00	14	0	0.00	17	0	0.00	39	0	0.00			
		Drinking Water	5.	70	0	0.00	14	0	0.00	17	0	0.00	39	0	0.00			
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	5.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	18 &	0	0.00	3	0	0.00	5	0	0.00	10	0	0.00			
		Drinking Water	5.	18 &	0	0.00	3	0	0.00	5	0	0.00	10	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	70	0	0.00	14	0	0.00	17	0	0.00	39	0	0.00			
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	14	0	0.00	3	0	0.00	5	0	0.00	6	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	22	0	0.00	3	0	0.00	6	0	0.00	13	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	70	0	0.00	14	0	0.00	17	0	0.00	39	0	0.00			
		Drinking Water	1300.	70	0	0.00	14	0	0.00	17	0	0.00	39	0	0.00			
01041	COPPER, SUSPENDED	Fresh Acute	18.	15	3	0.20	3	1	0.33	5	0	0.00	7	2	0.29			
		Drinking Water	1300.	15	0	0.00	3	0	0.00	5	0	0.00	7	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	22	4	0.18	3	1	0.33	6	0	0.00	13	3	0.23			
		Drinking Water	1300.	22	0	0.00	3	0	0.00	6	0	0.00	13	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	70	0	0.00	14	0	0.00	17	0	0.00	39	0	0.00			
		Drinking Water	15.	70	1	0.01	14	0	0.00	17	1	0.06	39	0	0.00			
01050	LEAD, SUSPENDED	Fresh Acute	82.	14	0	0.00	3	0	0.00	5	0	0.00	6	0	0.00			
		Drinking Water	15.	14	2	0.14	3	0	0.00	5	1	0.20	6	1	0.17			
01051	LEAD, TOTAL	Fresh Acute	82.	18 &	0	0.00	3	0	0.00	5	0	0.00	10	0	0.00			
		Drinking Water	15.	18 &	2	0.11	3	0	0.00	5	1	0.20	10	1	0.10			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	82	0	0.00	18	0	0.00	20	0	0.00	44	0	0.00			
		Drinking Water	100.	82	0	0.00	18	0	0.00	20	0	0.00	44	0	0.00			
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	10	0	0.00	2	0	0.00	3	0	0.00	5	0	0.00			
		Drinking Water	100.	10	0	0.00	2	0	0.00	3	0	0.00	5	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	11	0	0.00	3	0	0.00	3	0	0.00	5	0	0.00			
		Drinking Water	100.	11	0	0.00	3	0	0.00	3	0	0.00	5	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	83	0	0.00	18	0	0.00	21	0	0.00	44	0	0.00			
		Drinking Water	100.	83	0	0.00	18	0	0.00	21	0	0.00	44	0	0.00			
01076	SILVER, SUSPENDED	Fresh Acute	4.1	11	0	0.00	2	0	0.00	4	0	0.00	5	0	0.00			
		Drinking Water	100.	11	0	0.00	2	0	0.00	4	0	0.00	5	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	16 &	0	0.00	3	0	0.00	6	0	0.00	7	0	0.00			
		Drinking Water	100.	17	0	0.00	3	0	0.00	6	0	0.00	8	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	70	0	0.00	14	0	0.00	17	0	0.00	39	0	0.00			
		Drinking Water	5000.	70	0	0.00	14	0	0.00	17	0	0.00	39	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

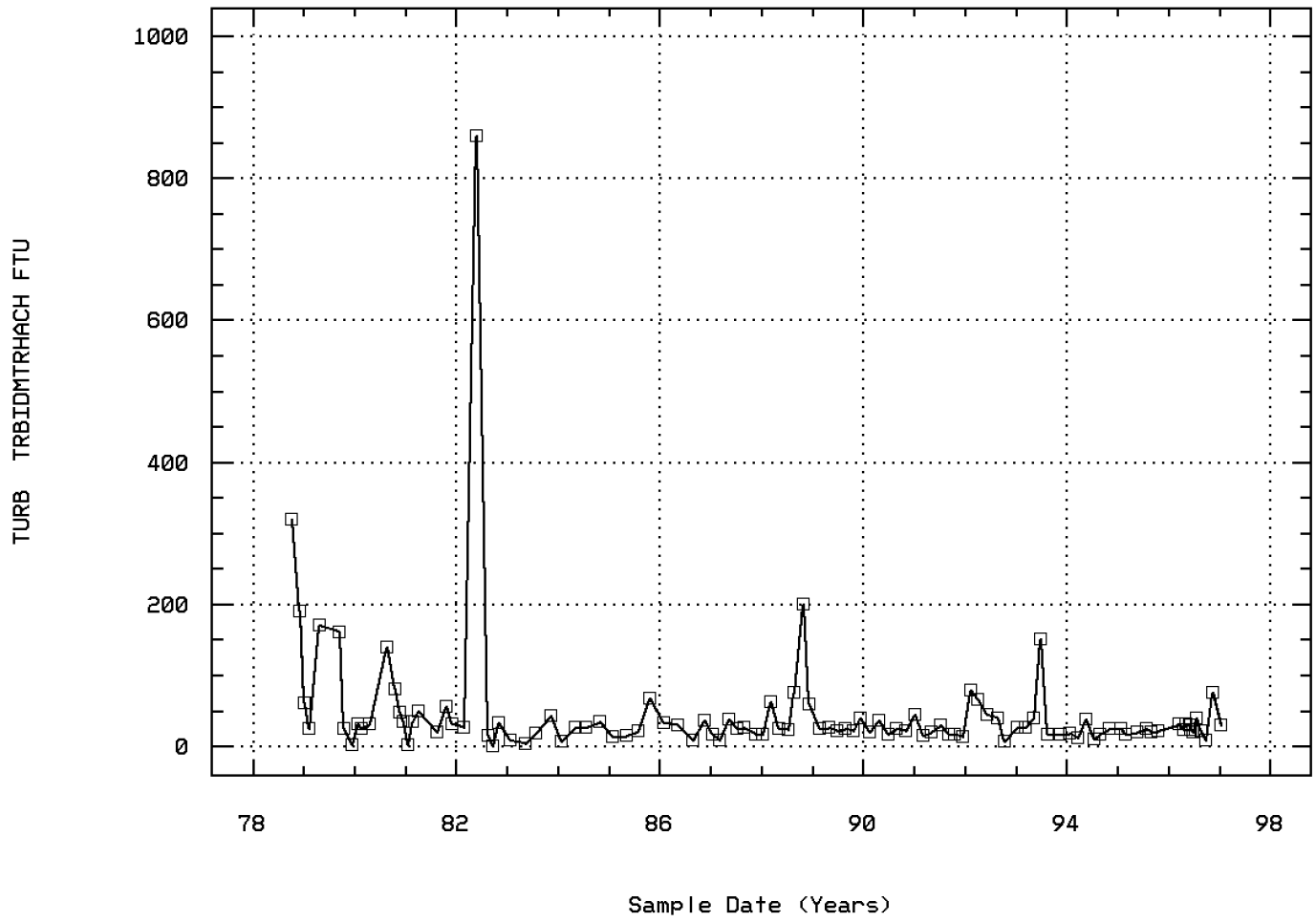
EPA Water Quality Criteria Analysis for Station: PAAL0012

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-9/30 Obs	4/01-9/30 Exceed	4/01-9/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01091	ZINC, SUSPENDED	Fresh Acute	120.	10	0	0.00	2	0	0.00	3	0	0.00	5	0	0.00			
		Drinking Water	5000.	10	0	0.00	2	0	0.00	3	0	0.00	5	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	22	1	0.05	3	0	0.00	6	0	0.00	13	1	0.08			
		Drinking Water	5000.	22	0	0.00	3	0	0.00	6	0	0.00	13	0	0.00			
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	11	0	0.00	1	0	0.00	2	0	0.00	8	0	0.00			
		Drinking Water	6.	11	0	0.00	1	0	0.00	2	0	0.00	8	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	88	0	0.00	18	0	0.00	22	0	0.00	48	0	0.00			
		Drinking Water	50.	88	0	0.00	18	0	0.00	22	0	0.00	48	0	0.00			
01146	SELENIUM, SUSPENDED	Fresh Acute	20.	11	0	0.00	2	0	0.00	4	0	0.00	5	0	0.00			
		Drinking Water	50.	11	0	0.00	2	0	0.00	4	0	0.00	5	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	22	0	0.00	3	0	0.00	6	0	0.00	13	0	0.00			
		Drinking Water	50.	22	0	0.00	3	0	0.00	6	0	0.00	13	0	0.00			
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVE	Drinking Water	4.	11	0	0.00	1	0	0.00	2	0	0.00	8	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	11	0	0.00	1	0	0.00	2	0	0.00	8	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	29	28	0.97	5	5	1.00	10	9	0.90	14	14	1.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	15	10	0.67	3	2	0.67	6	3	0.50	6	5	0.83			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	109	79	0.72	18	15	0.83	37	25	0.68	54	39	0.72			
34653	P,P'-DDE, DISSOLVED	Fresh Acute	1050.	11	0	0.00	1	0	0.00	2	0	0.00	8	0	0.00			
38933	CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	10	0	0.00	1	0	0.00	2	0	0.00	7	0	0.00			
39025	SIMAZINE, COULSON CONDUCTIVITY WATER SAM	Drinking Water	4.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	14	0	0.00	2	0	0.00	3	0	0.00	9	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	14	0	0.00	2	0	0.00	3	0	0.00	9	0	0.00			
		Drinking Water	0.2	14	0	0.00	2	0	0.00	3	0	0.00	9	0	0.00			
39341	GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	11	0	0.00	1	0	0.00	2	0	0.00	8	0	0.00			
		Drinking Water	0.2	11	0	0.00	1	0	0.00	2	0	0.00	8	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	14	0	0.00	2	0	0.00	3	0	0.00	9	0	0.00			
		Drinking Water	2.	14	0	0.00	2	0	0.00	3	0	0.00	9	0	0.00			
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	14	0	0.00	2	0	0.00	3	0	0.00	9	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	14	0	0.00	2	0	0.00	3	0	0.00	9	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	14	0	0.00	2	0	0.00	3	0	0.00	9	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	14	0	0.00	2	0	0.00	3	0	0.00	9	0	0.00			
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	11	0	0.00	1	0	0.00	2	0	0.00	8	0	0.00			
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	2	0	0.00				1	0	0.00	1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	14	0	0.00	2	0	0.00	3	0	0.00	9	0	0.00			
		Drinking Water	2.	14	0	0.00	2	0	0.00	3	0	0.00	9	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	14	0	0.00	2	0	0.00	3	0	0.00	9	0	0.00			
		Drinking Water	3.	14	0	0.00	2	0	0.00	3	0	0.00	9	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	14	0	0.00	2	0	0.00	3	0	0.00	9	0	0.00			
		Drinking Water	0.4	14	0	0.00	2	0	0.00	3	0	0.00	9	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	14	0	0.00	2	0	0.00	3	0	0.00	9	0	0.00			
		Drinking Water	0.2	14	0	0.00	2	0	0.00	3	0	0.00	9	0	0.00			
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	14	0	0.00	2	0	0.00	3	0	0.00	9	0	0.00			
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	14	0	0.00	2	0	0.00	3	0	0.00	9	0	0.00			
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	11	0	0.00	1	0	0.00	2	0	0.00	8	0	0.00			
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	7	0	0.00	2	0	0.00	1	0	0.00	4	0	0.00			
39632	ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	11	0	0.00	1	0	0.00	2	0	0.00	8	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	10	0	0.00	2	0	0.00	2	0	0.00	6	0	0.00			
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	10	0	0.00	2	0	0.00	2	0	0.00	6	0	0.00			
46342	ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	11	0	0.00	1	0	0.00	2	0	0.00	8	0	0.00			
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	58	0	0.00	12	0	0.00	15	0	0.00	31	0	0.00			
		Drinking Water	2.	58	0	0.00	12	0	0.00	15	0	0.00	31	0	0.00			
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	13	0	0.00	3	0	0.00	4	0	0.00	6	0	0.00			
		Drinking Water	2.	13	0	0.00	3	0	0.00	4	0	0.00	6	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	22	0	0.00	3	0	0.00	6	0	0.00	13	0	0.00			
		Drinking Water	2.	22	0	0.00	3	0	0.00	6	0	0.00	13	0	0.00			

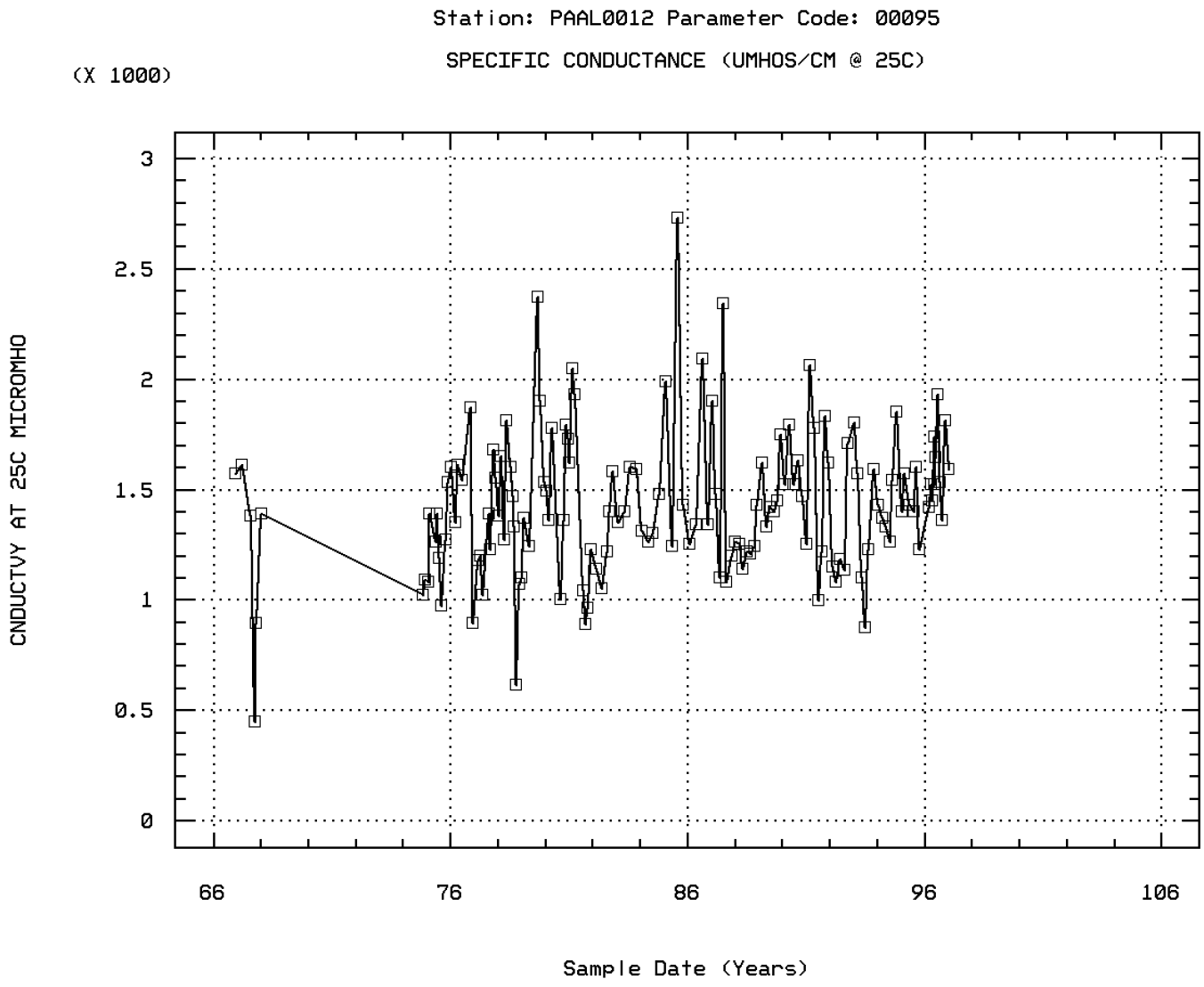
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: PAAL0012 Parameter Code: 00076

TURBIDITY,HACH TURBIDIMETER (FORMAZIN T



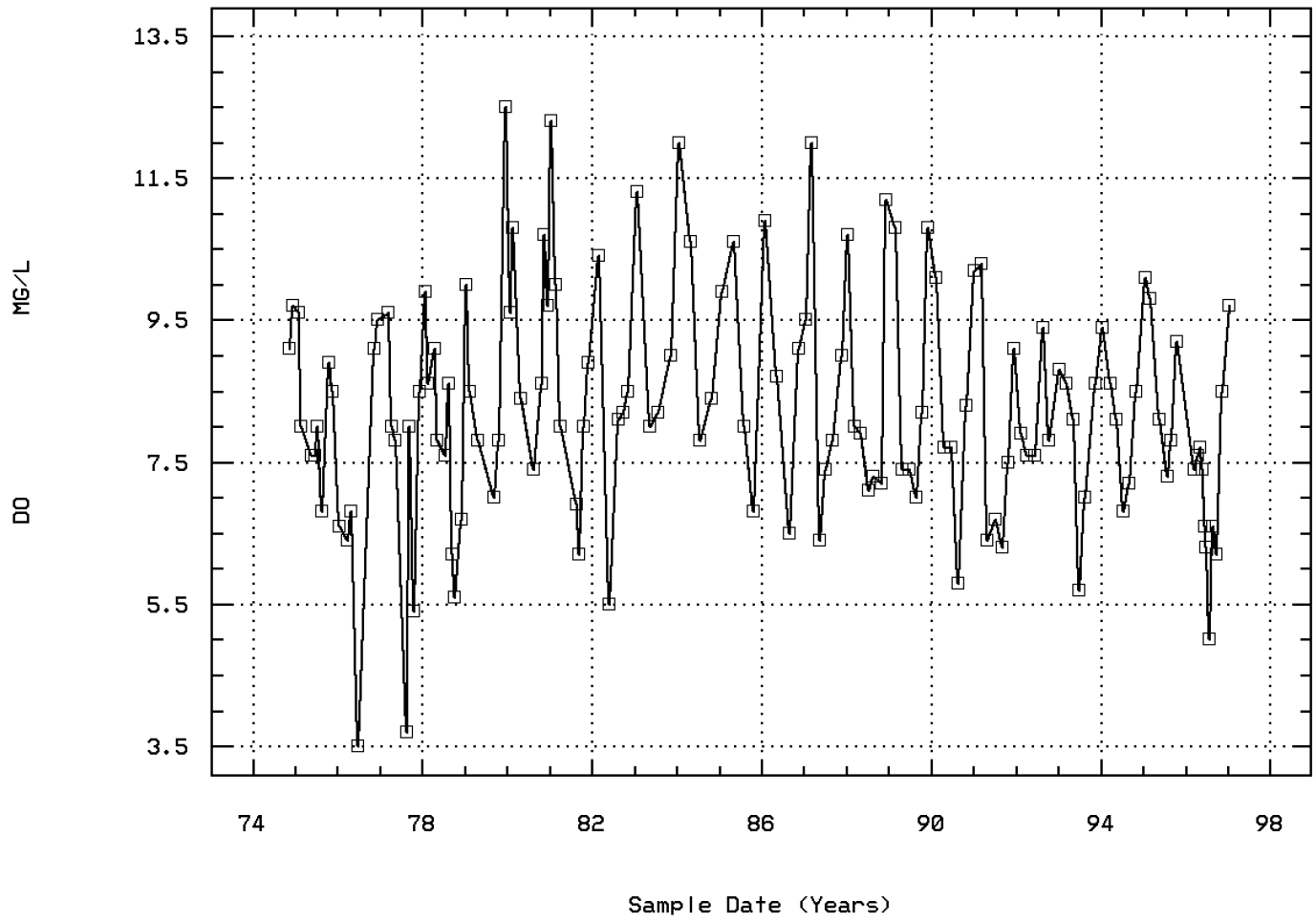
RIO GRANDE NR BROWNSVILLE, TX



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00300

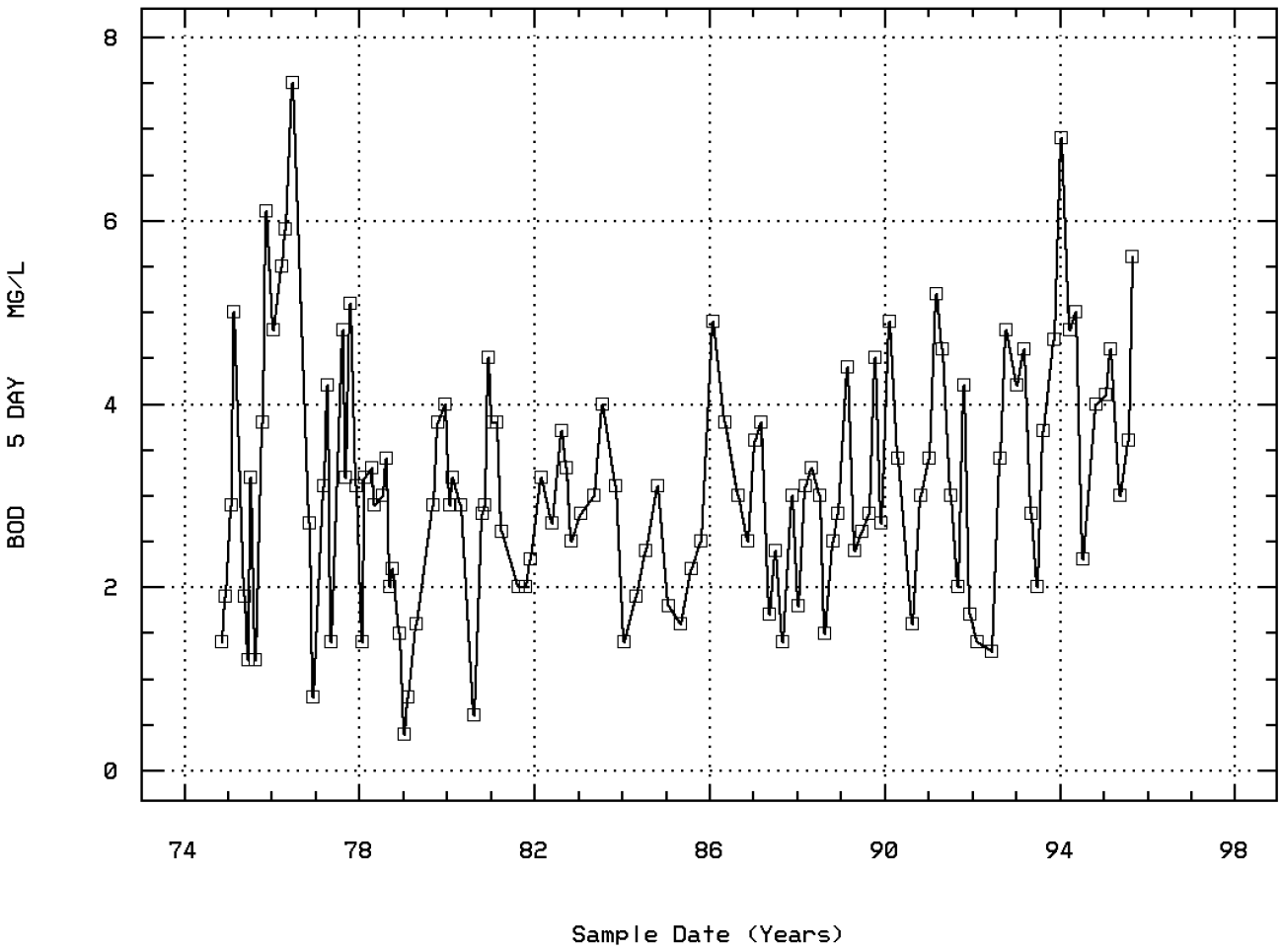
OXYGEN, DISSOLVED



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00310

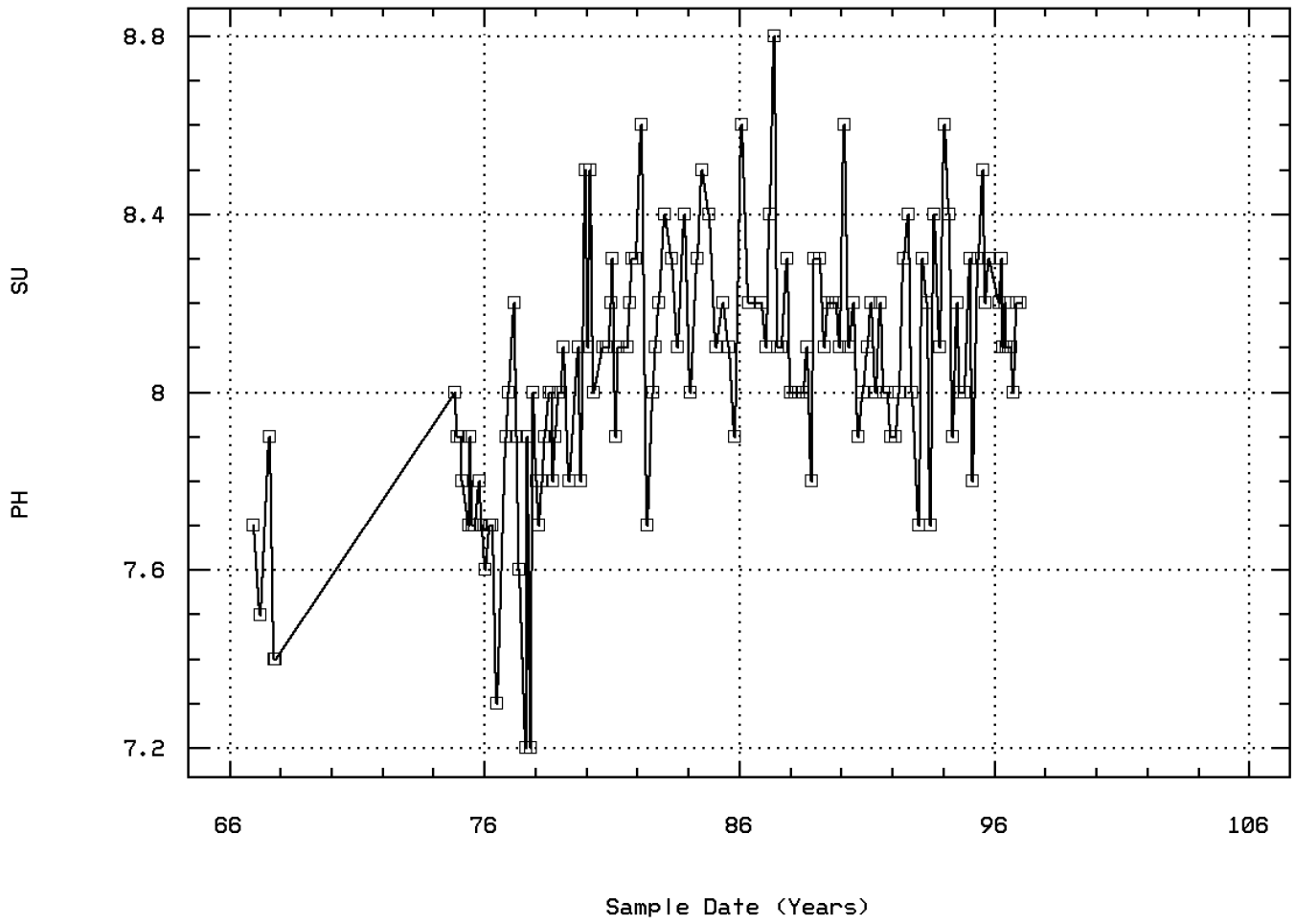
BOD, 5 DAY, 20 DEG C



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00400

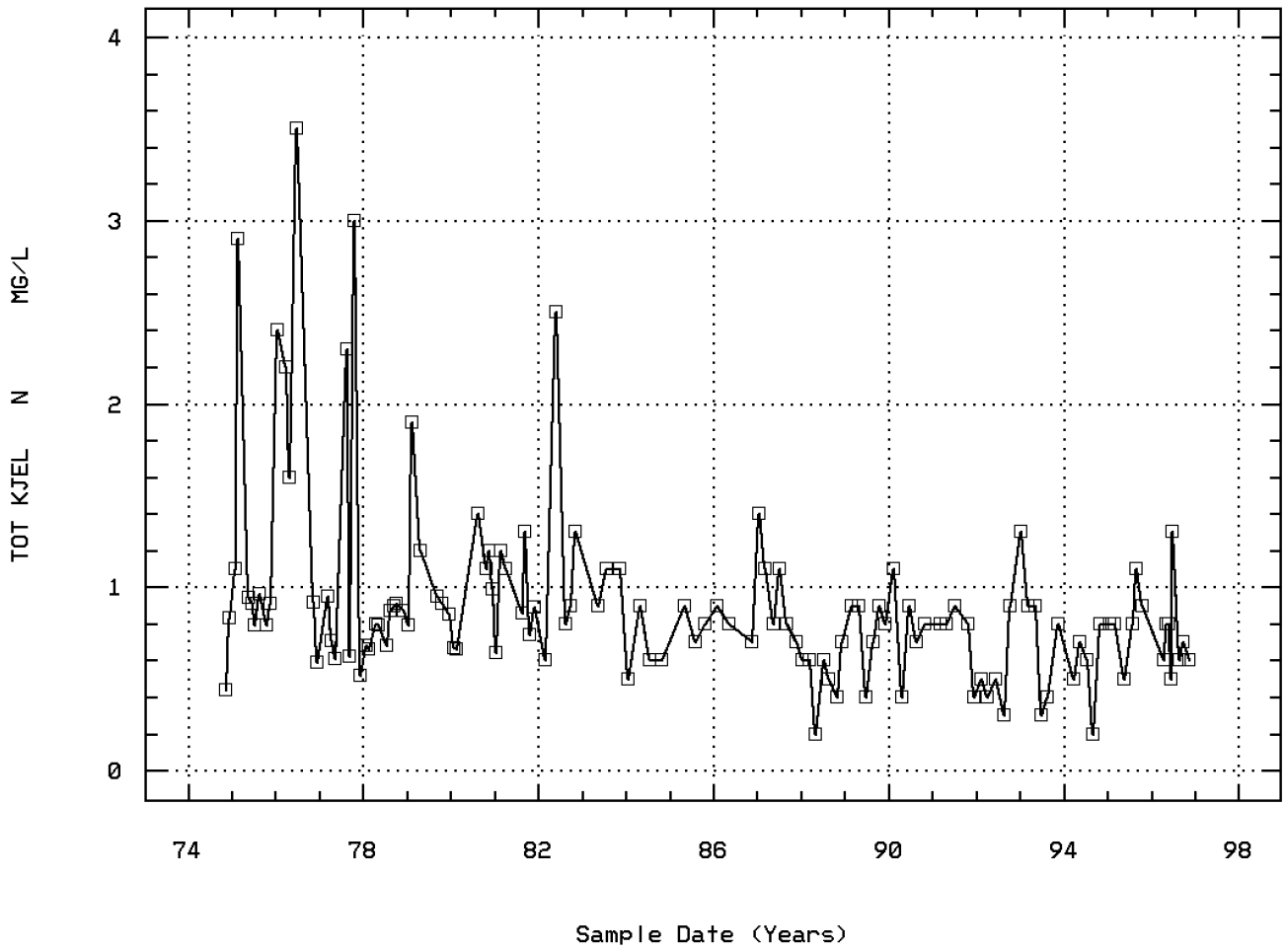
PH (STANDARD UNITS)



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00625

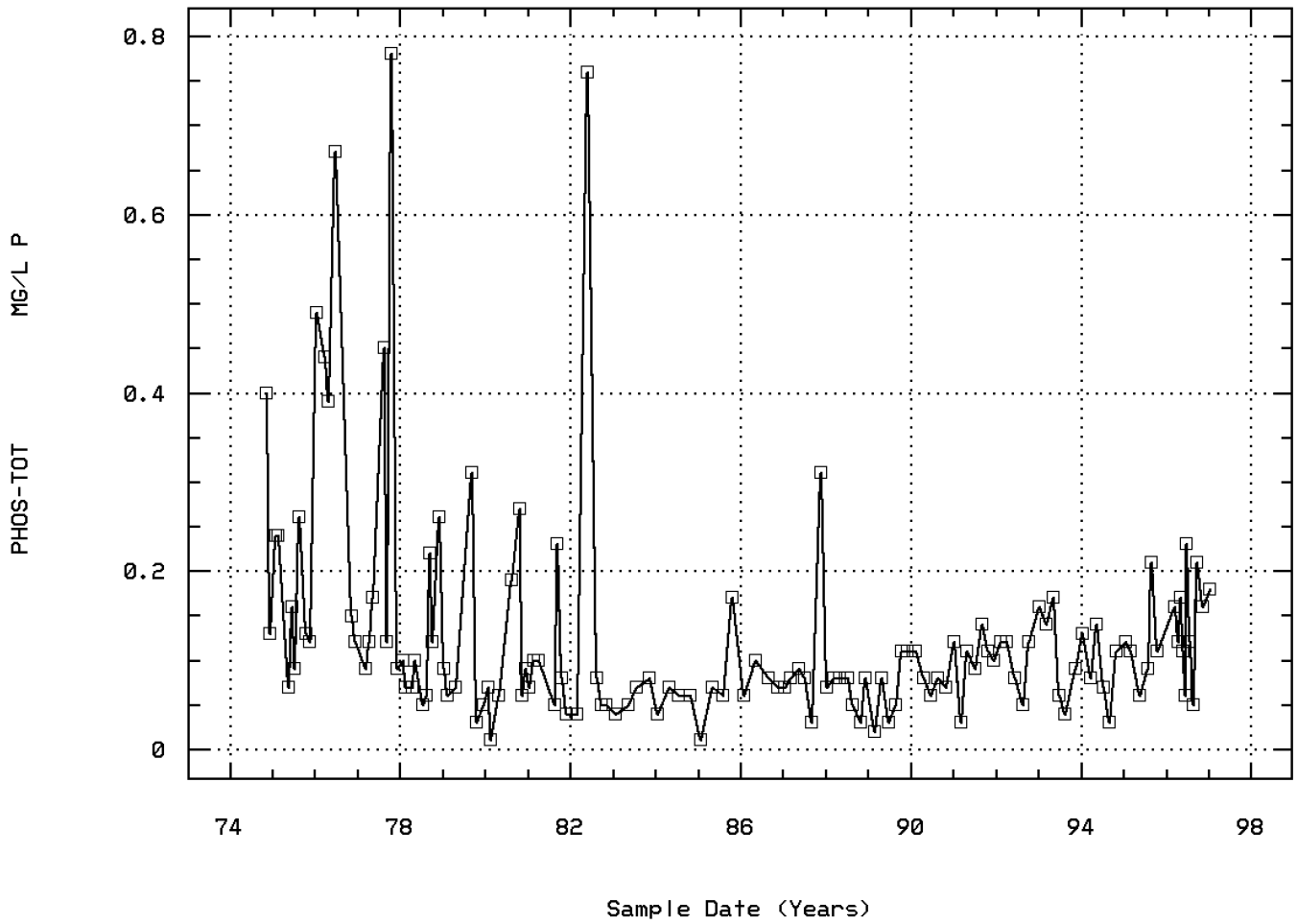
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00665

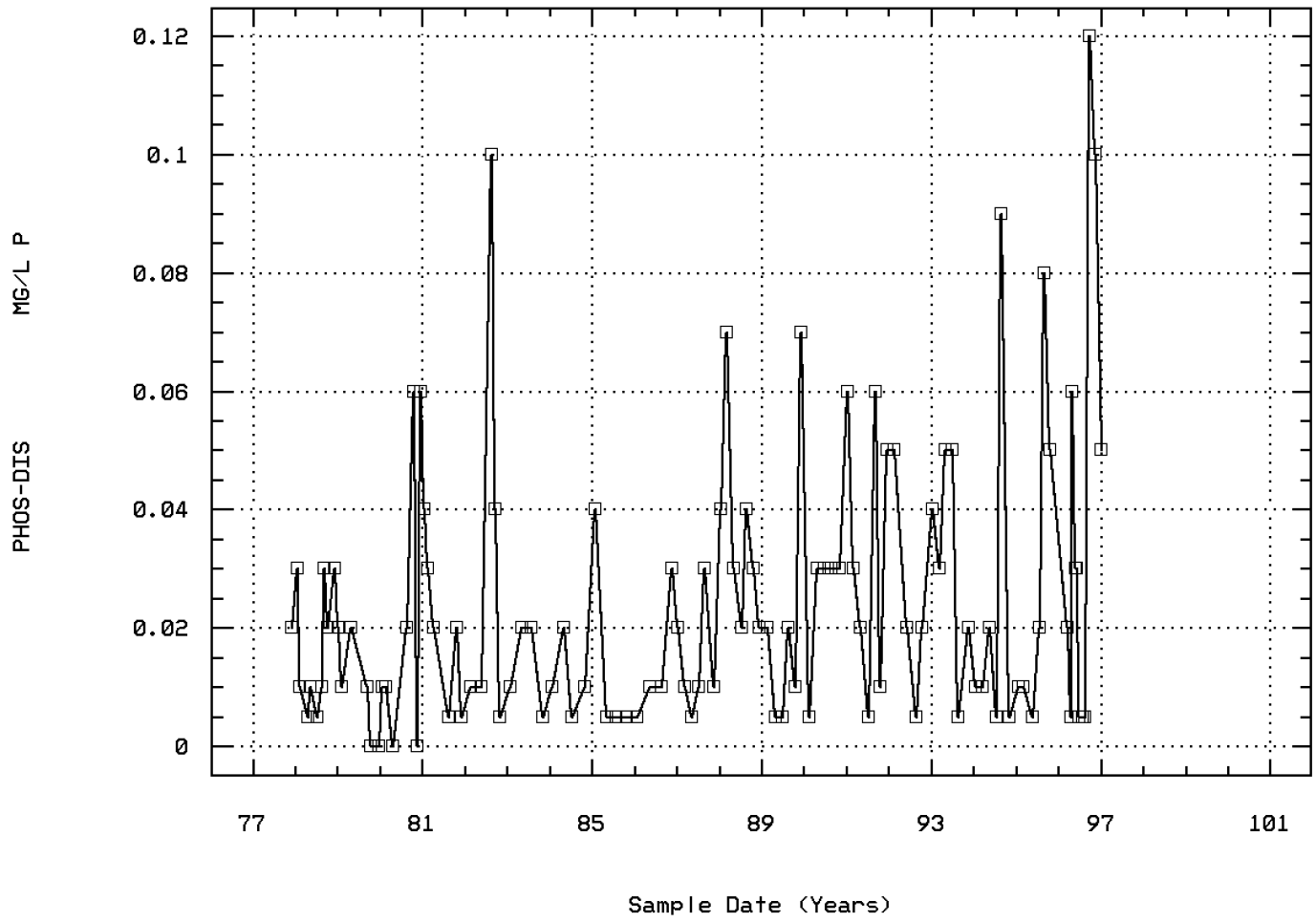
PHOSPHORUS, TOTAL (MG/L AS P)



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00666

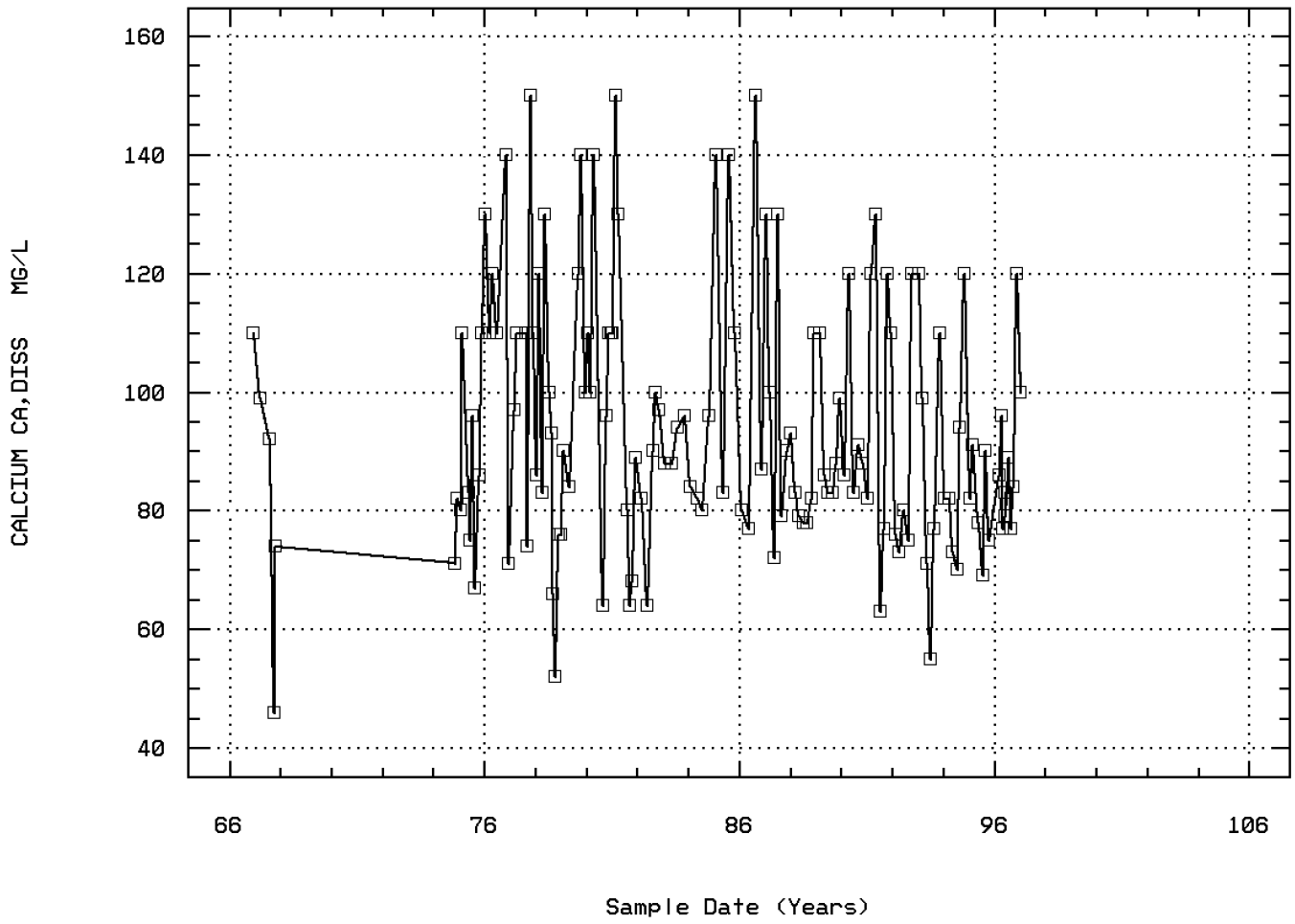
PHOSPHORUS, DISSOLVED (MG/L AS P)



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00915

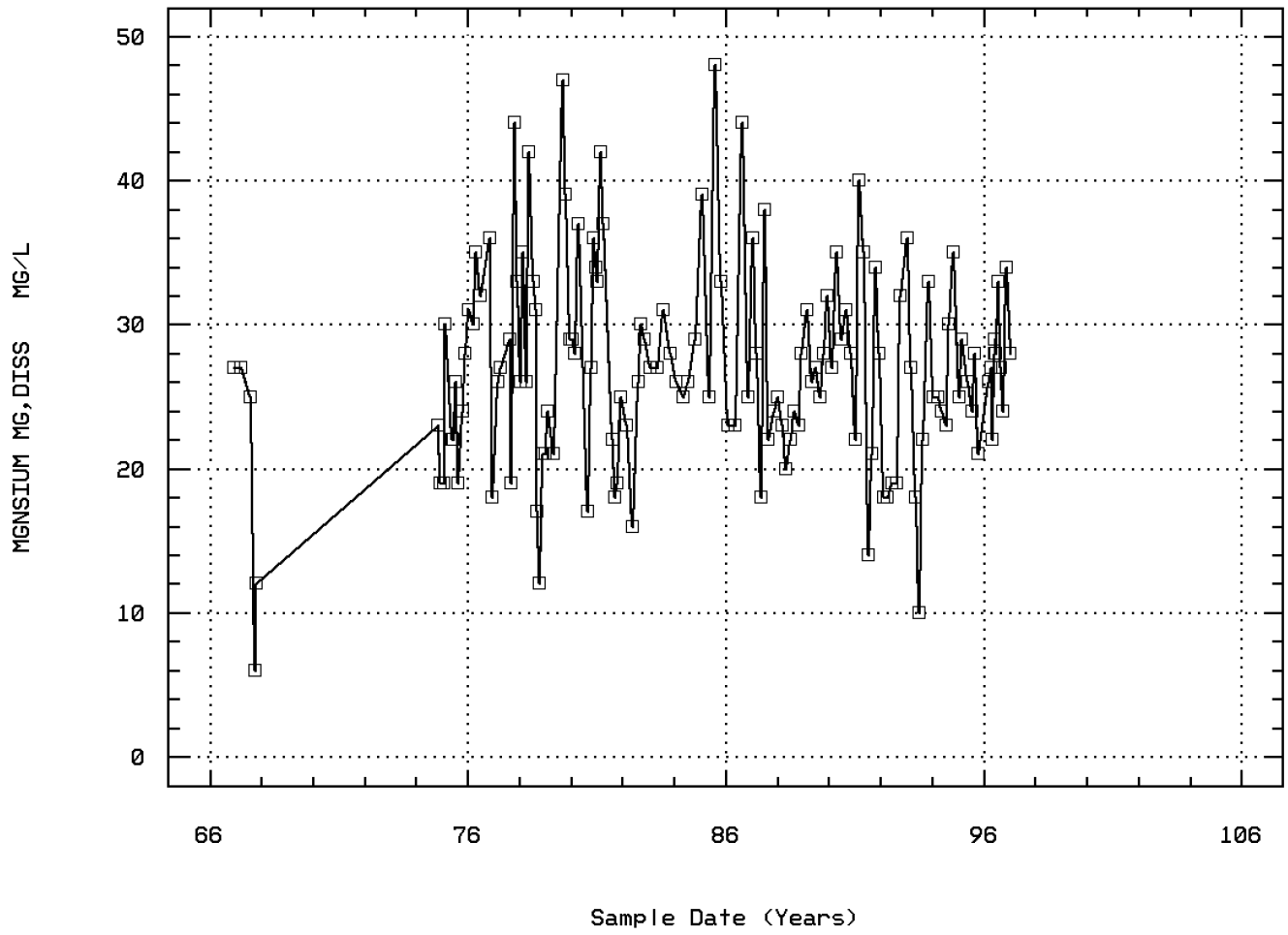
CALCIUM, DISSOLVED (MG/L AS CA)



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00925

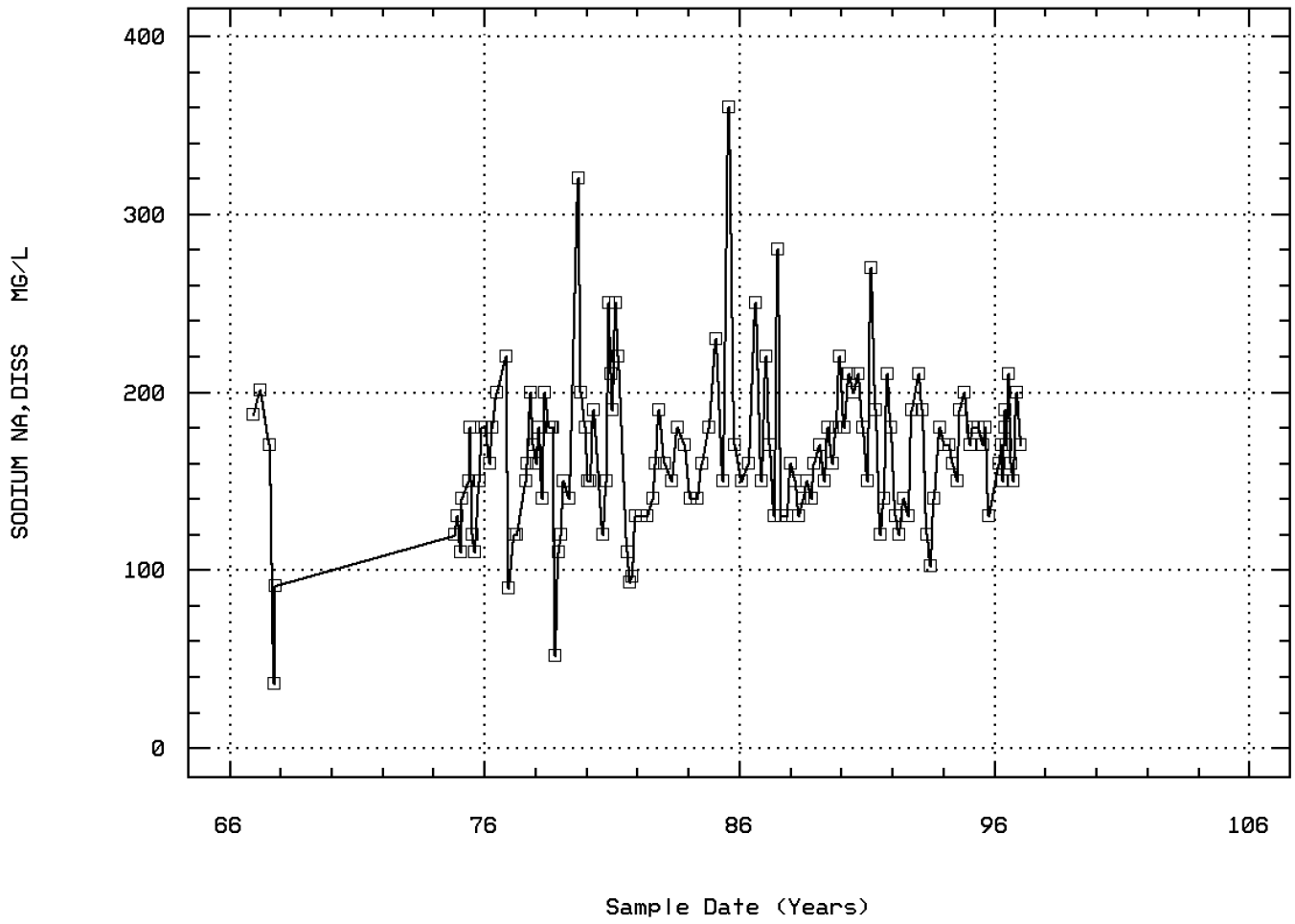
MAGNESIUM, DISSOLVED (MG/L AS MG)



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00930

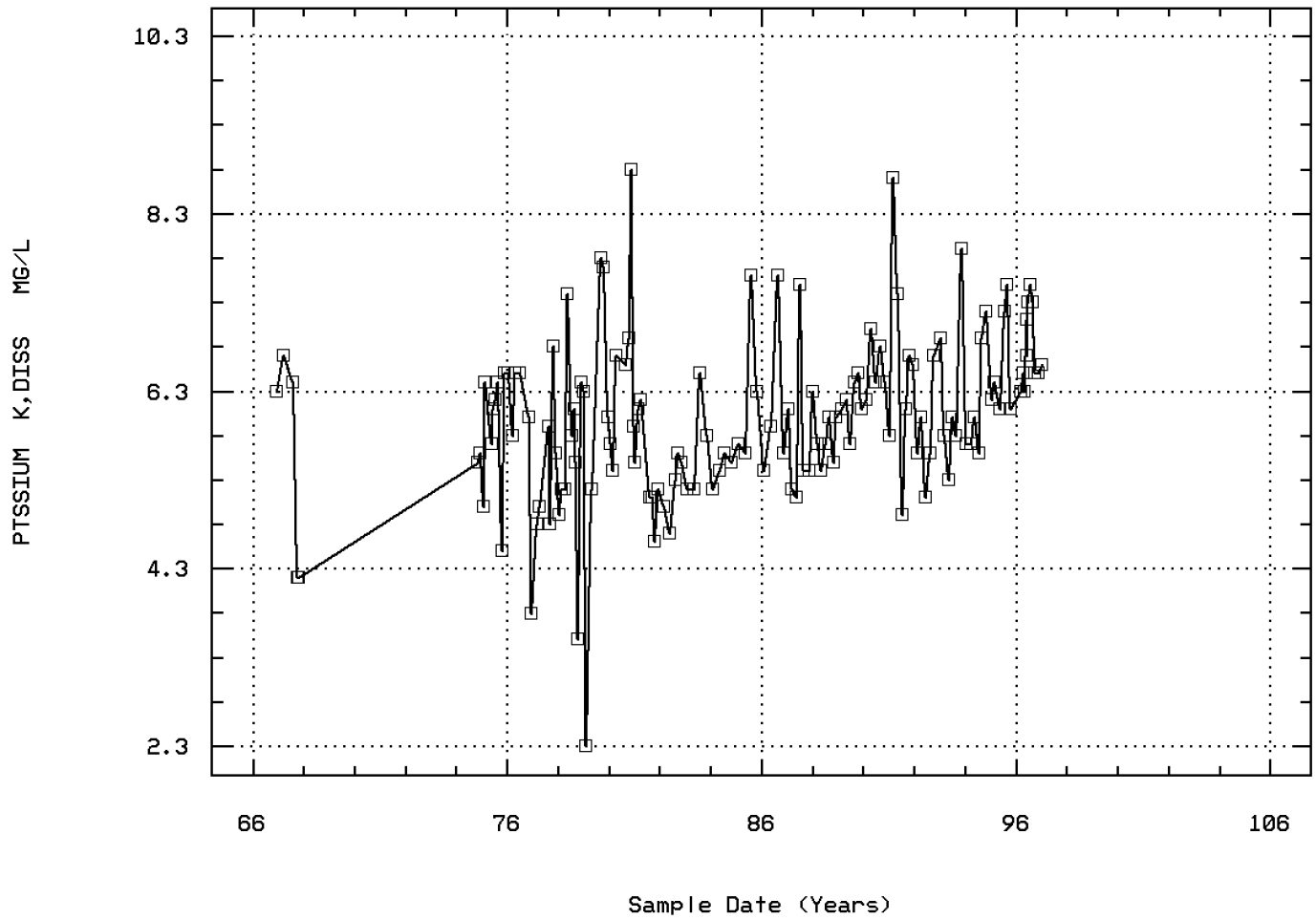
SODIUM, DISSOLVED (MG/L AS NA)



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00935

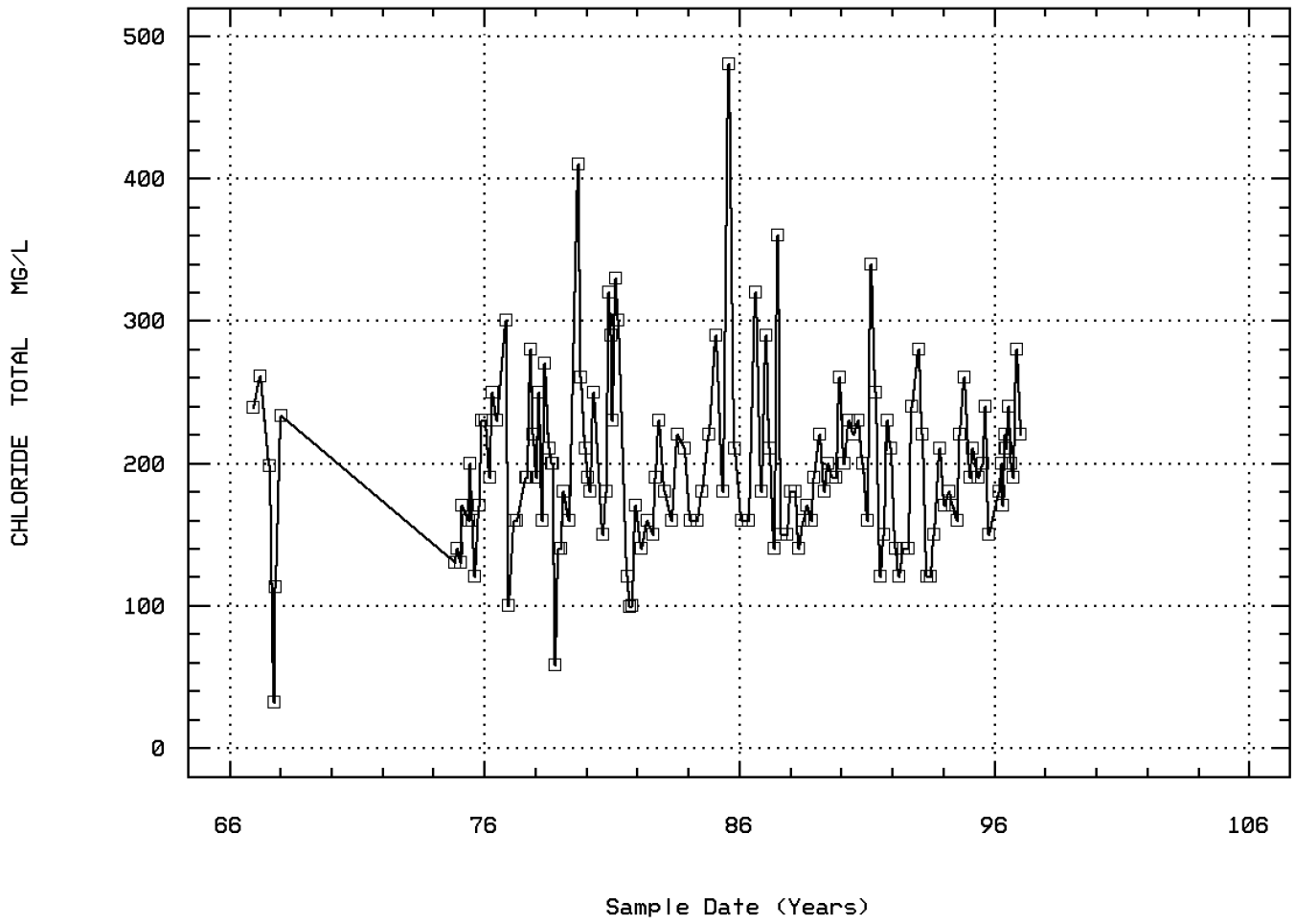
POTASSIUM, DISSOLVED (MG/L AS K)



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00940

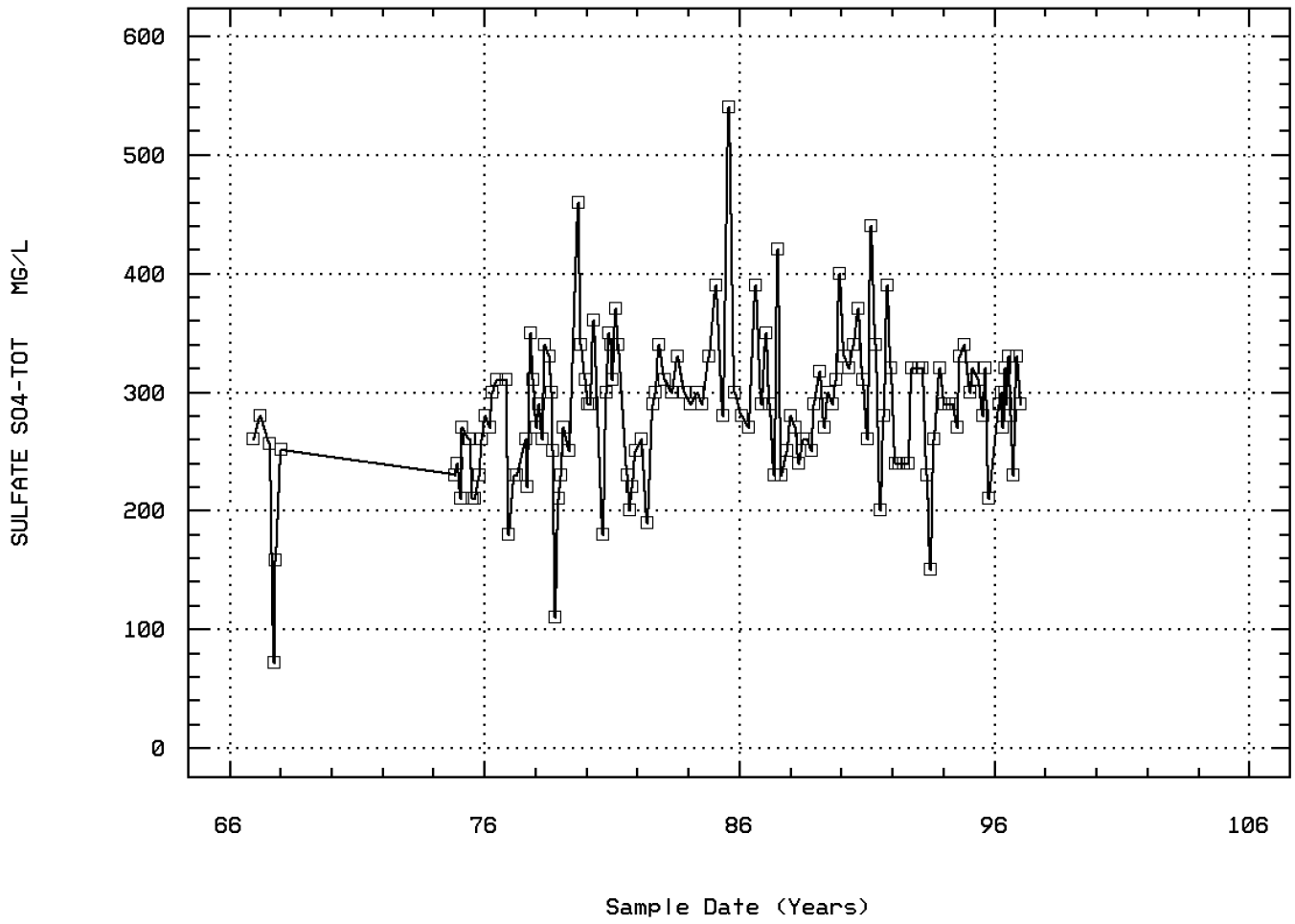
CHLORIDE,TOTAL IN WATER



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00945

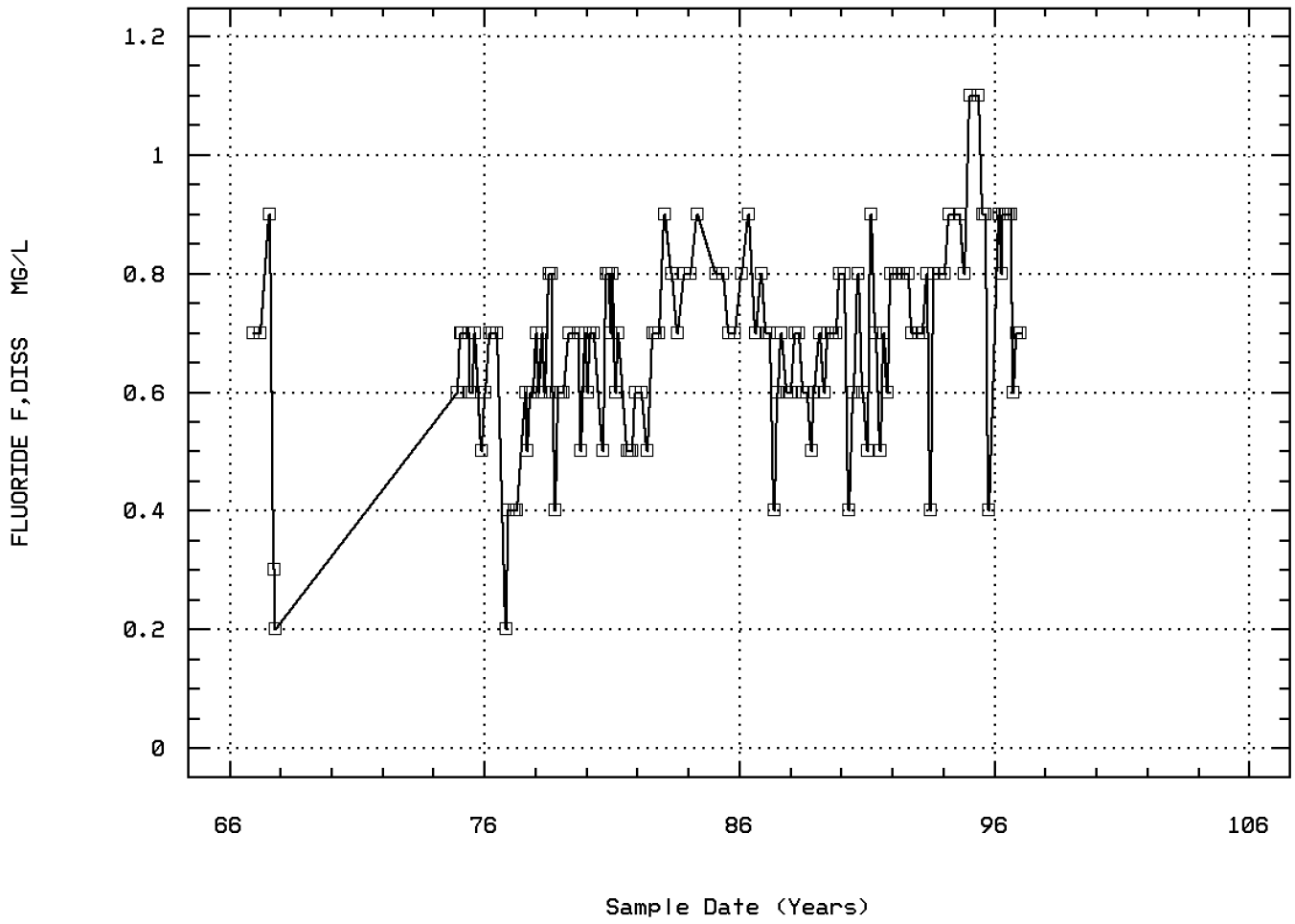
SULFATE, TOTAL (MG/L AS SO4)



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00950

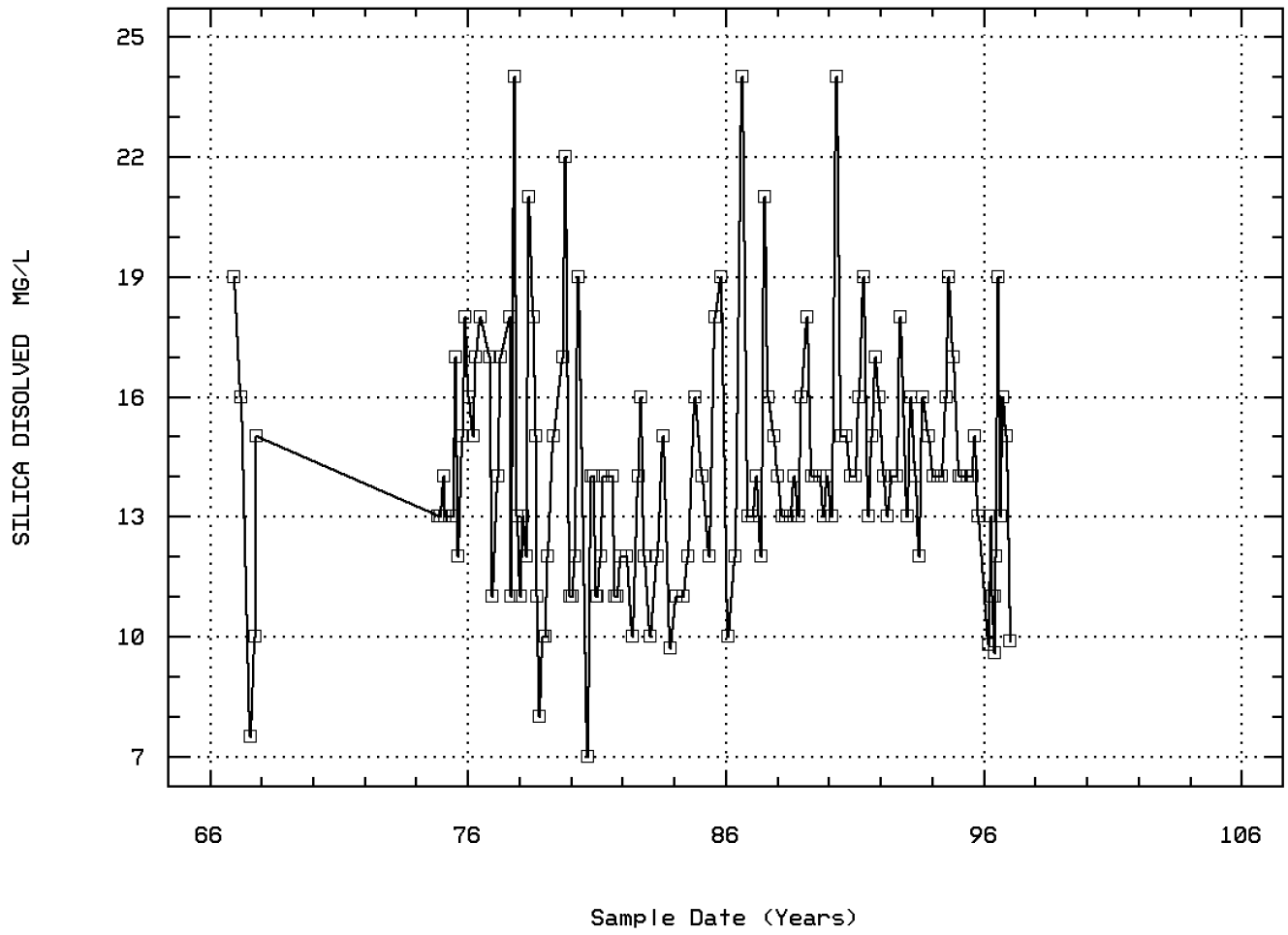
FLUORIDE, DISSOLVED (MG/L AS F)



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00955

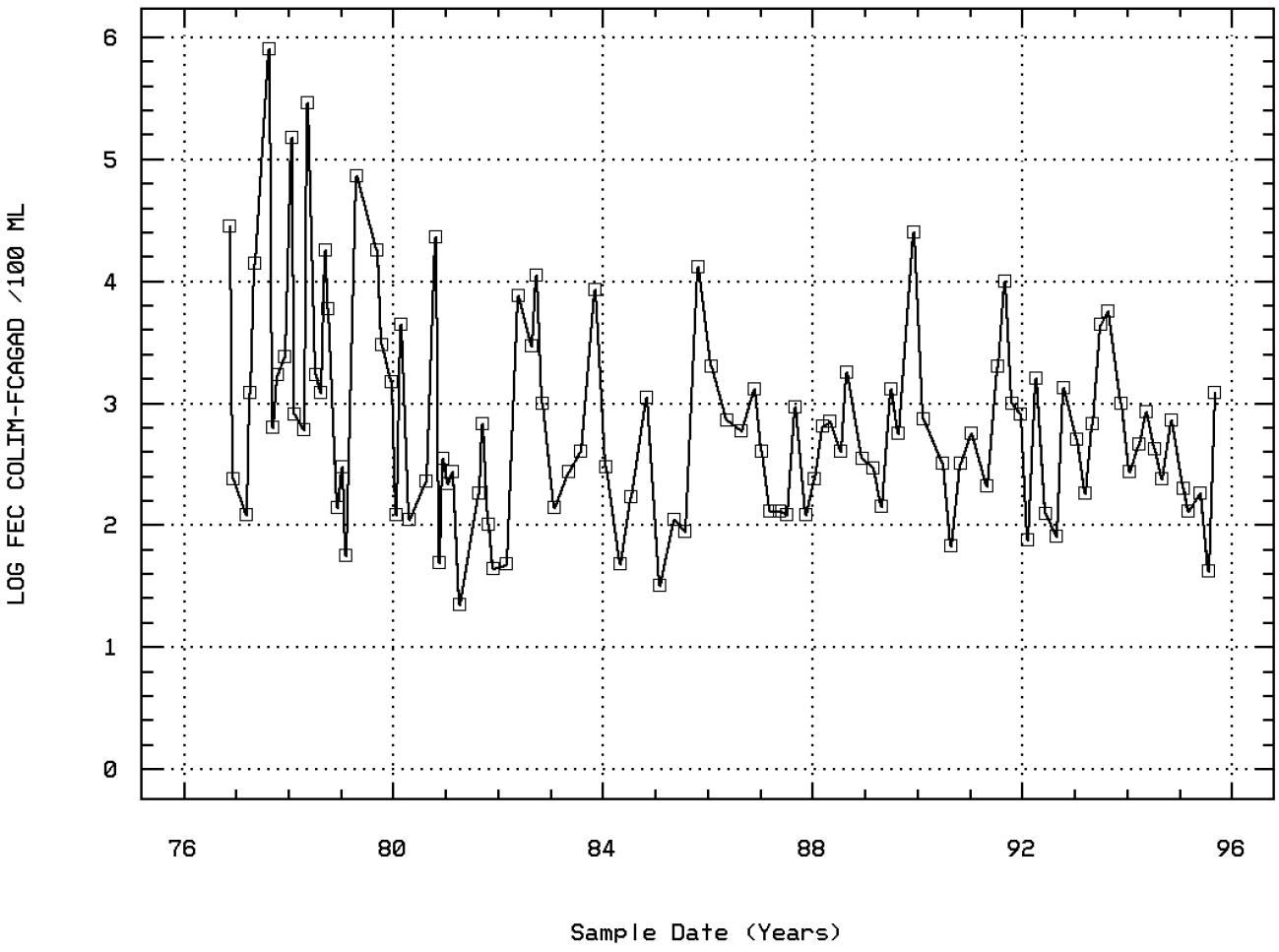
SILICA, DISSOLVED (MG/L AS SI02)



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 31625

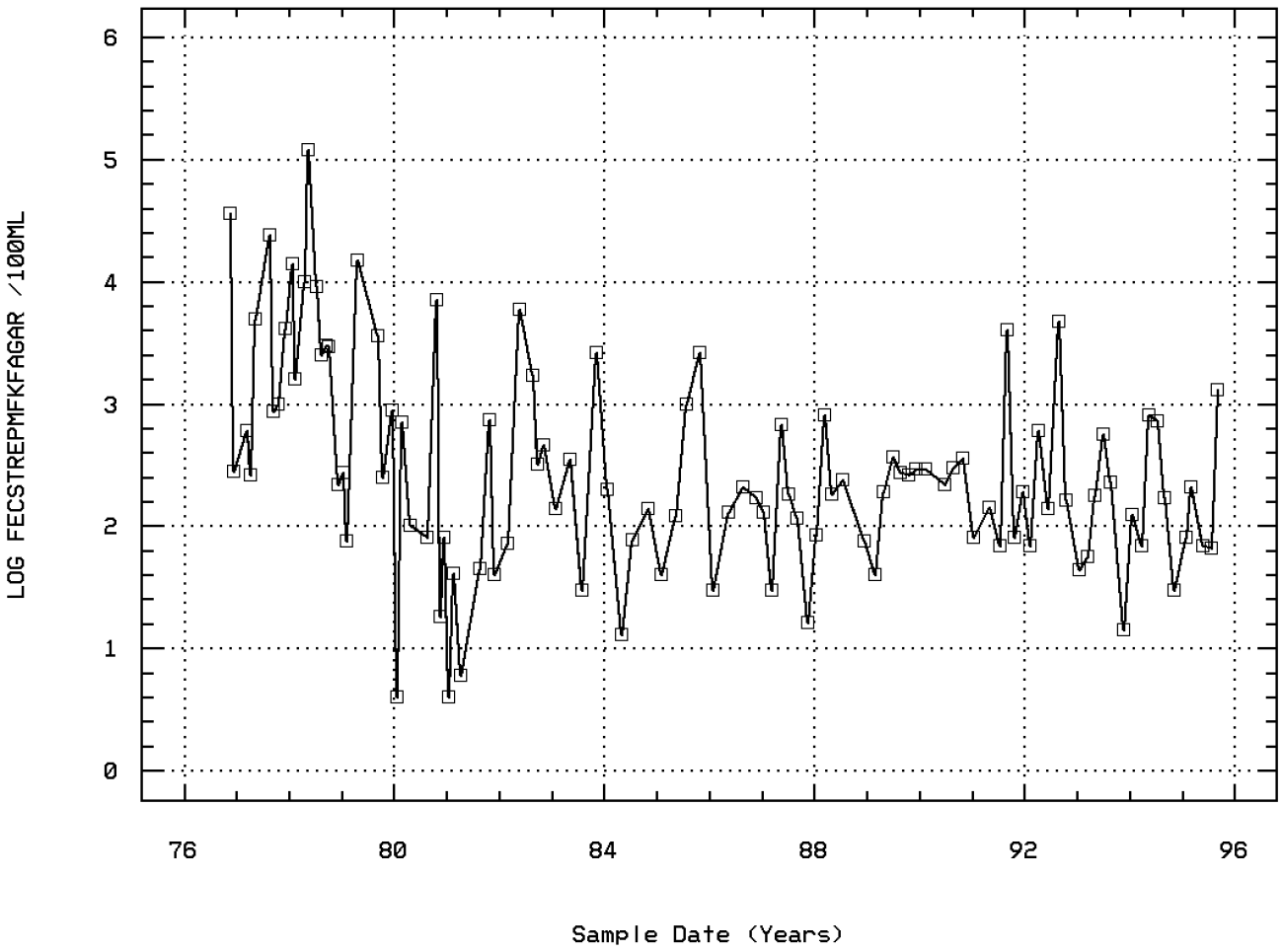
LOG FECAL COLIFORM, MF,M-FC, 0.7 UM



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 31673

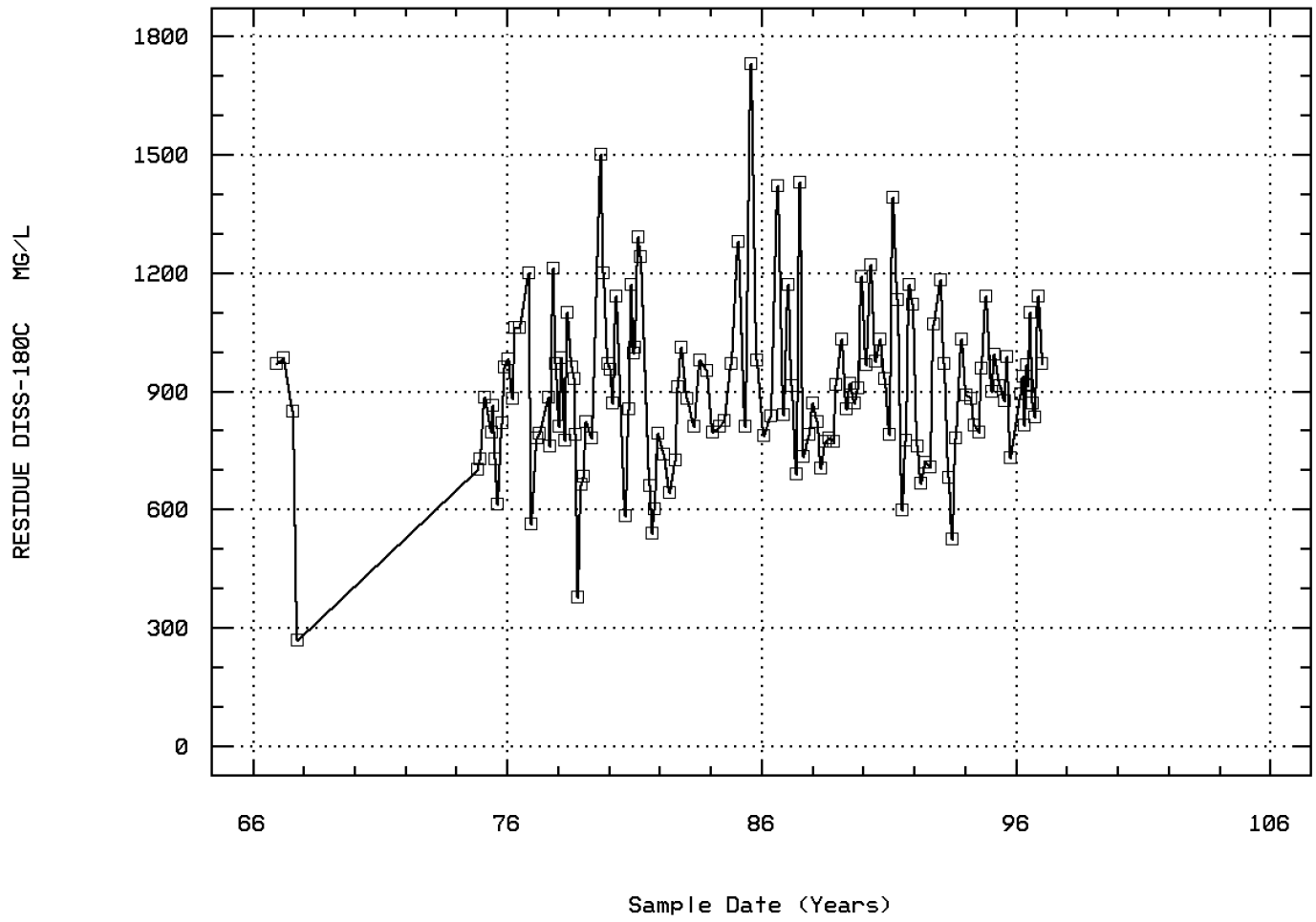
LOG FECAL STREPTOCOCCI, MBR FILT,KF AGA



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 70300

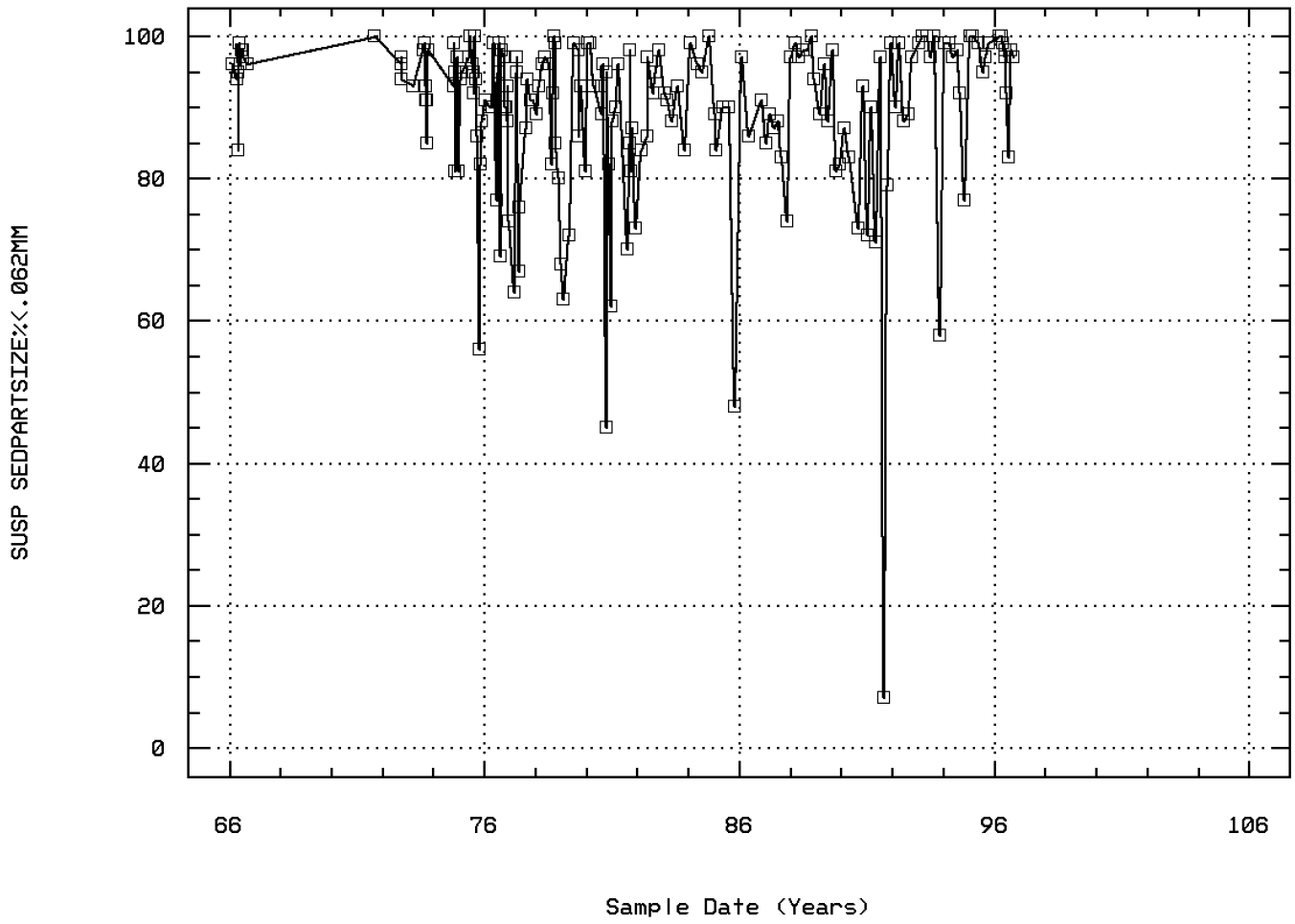
RESIDUE,TOTAL FILTRABLE (DRIED AT 180C)



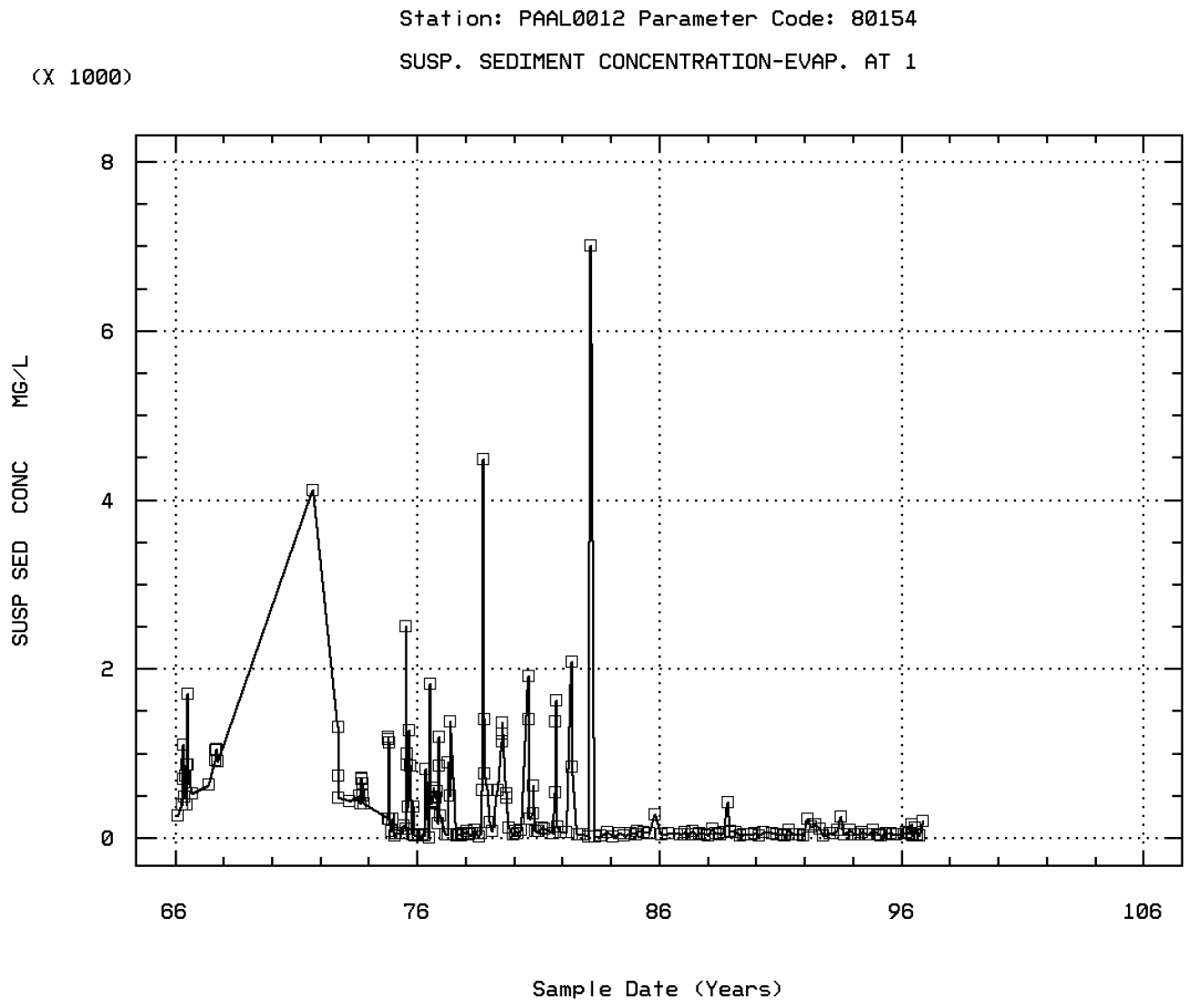
RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 70331

SUSPENDED SED SIEVE DIAMETER,% FINER TH



RIO GRANDE NR BROWNSVILLE, TX



RIO GRANDE NR BROWNSVILLE, TX

Annual Analysis for 1966 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	11	27.2	25.564	31.7	13.9	27.443	5.239	15.12	22.8	29.4	31.36
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	11	96.	95.545	99.	84.	16.873	4.108	86.	95.	98.	98.8
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	11	700.	730.	1700.	260.	166320.	407.823	286.	400.	870.	1580.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/15/66-09/22/82	11	6090.	9025.909	33700.	665.	110350284.091	10504.774	730.	1050.	14000.	31380.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1967 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	9	25.	24.356	28.9	17.8	8.865	2.977	17.8	23.15	25.6	28.9
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	5	912.	907.6	1050.	627.	29141.3	170.708	**	**	**	**
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/15/66-09/22/82	5	28700.	24414.	34600.	3670.	148637980.	12191.718	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	1	11.	11.	11.	11.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	1	26.5	26.5	26.5	26.5	0.	0.	**	**	**	**
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	1	100.	100.	100.	100.	0.	0.	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	1	4110.	4110.	4110.	4110.	0.	0.	**	**	**	**
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/15/66-09/22/82	1	88800.	88800.	88800.	88800.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	3	29.	29.333	30.	29.	0.333	0.577	**	**	**	**
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	3	96.	95.667	97.	94.	2.333	1.528	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	3	740.	839.333	1310.	468.	184641.333	429.699	**	**	**	**
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/15/66-09/22/82	3	9810.	11936.667	21800.	4200.	80832033.333	8990.664	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	8	29.5	29.75	33.	27.	8.786	2.964	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	3	13900.	13766.667	13900.	13500.	53333.333	230.94	**	**	**	**
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	8	93.	93.5	99.	85.	22.286	4.721	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	8	502.	535.875	703.	401.	16124.696	126.983	**	**	**	**
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/15/66-09/22/82	8	16650.	14543.75	24300.	1220.	74185941.071	8613.126	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	5	30.	25.1	30.	15.	48.8	6.986	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	3	6950.	7576.667	8880.	6900.	1274633.333	1128.997	**	**	**	**
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	7	95.	92.143	99.	81.	62.476	7.904	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	7	230.	608.143	1190.	77.	272944.143	522.441	**	**	**	**
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/15/66-09/22/82	5	22000.	15045.4	27100.	397.	148012050.8	12166.02	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	14	29.75	27.821	33.	19.	22.216	4.713	20.	22.5	31.25	33.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	8	3980.	5402.5	13000.	450.	24025564.286	4901.588	**	**	**	**
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	14	94.5	90.714	100.	56.	125.297	11.194	69.	87.5	96.25	100.
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	14	255.5	546.571	2500.	23.	495493.187	703.913	24.5	49.25	895.75	1885.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/15/66-09/22/82	14	818.5	10358.5	38700.	21.	214869338.885	14658.422	26.	62.75	23025.	37500.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	17	27.5	25.353	30.5	13.	28.493	5.338	15.	23.	29.25	30.1
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	18	7265.	6316.667	14000.	140.	24704611.765	4970.373	185.	1182.5	11475.	13190.
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	17	91.	90.353	99.	69.	81.618	9.034	73.	89.	98.	99.
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	17	435.	503.941	1820.	6.	221754.684	470.908	18.	108.5	701.5	1316.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/15/66-09/22/82	17	6870.	10559.947	37800.	3.1	112248675.473	10594.748	11.82	363.5	16350.	27880.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	9	26.	25.556	30.5	20.5	10.903	3.302	20.5	22.75	28.	30.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	9	586.	2321.222	6760.	80.	7492320.944	2737.21	80.	477.5	5450.	6760.
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	9	91.	84.667	97.	64.	155.75	12.48	64.	71.5	94.5	97.
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	9	41.	332.	1370.	21.	242183.75	492.122	21.	33.5	696.	1370.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/15/66-09/22/82	9	69.	4857.478	22900.	6.3	65505224.929	8093.53	6.3	45.	10240.	22900.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	11	28.5	25.455	30.	11.	40.773	6.385	12.3	20.5	30.	30.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	11	508.	4395.	12300.	21.	30035274.4	5480.445	26.4	52.	11500.	12280.
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	11	93.	91.727	100.	80.	47.218	6.872	80.4	85.	97.	99.8
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	11	94.	737.182	4480.	19.	1729714.964	1315.186	22.	51.	766.	3864.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/15/66-09/22/82	11	108.	20726.364	139000.	2.71	755539756.673	41899.162	2.82	12.	25400.	120420.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	10	27.5	23.7	29.5	12.	58.789	7.667	12.1	13.	29.125	29.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	10	3765.	4245.	8780.	1100.	7062205.556	2657.481	1160.	2375.	5930.	8774.
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	10	89.5	85.8	99.	63.	197.067	14.038	63.5	71.	99.	99.
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	10	495.5	570.1	1360.	35.	252584.322	502.578	39.5	108.5	1162.5	1347.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/15/66-09/22/82	10	3960.	9197.2	29000.	255.	126930481.733	11266.343	264.5	362.75	20550.	28800.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	10	21.5	21.85	30.	14.5	29.947	5.472	14.65	17.125	27.5	29.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	10	589.5	1196.1	4000.	20.	2027928.544	1424.054	28.	182.5	2205.	3939.
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	10	93.	85.3	99.	45.	321.567	17.932	46.7	77.	96.75	99.
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	10	156.5	481.8	1910.	58.	425338.622	652.18	59.8	78.25	813.5	1859.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/15/66-09/22/82	10	278.5	3700.4	17500.	5.	45242402.044	6726.247	6.6	39.	6040.	17260.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	9	25.	24.5	30.5	16.	22.375	4.73	16.	20.75	28.25	30.5
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	9	464.	1415.667	4410.	51.	2837880.75	1684.601	51.	346.	2750.	4410.
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	9	87.	85.333	98.	70.	89.	9.434	70.	77.	93.	98.
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	9	116.	454.667	1630.	49.	380339.5	616.717	49.	71.5	958.	1630.
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/15/66-09/22/82	9	224.	4045.	18400.	15.	57624402.5	7591.074	15.	62.	8536.	18400.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	6	27.5	25.917	30.5	19.5	17.942	4.236	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	6	512.	2047.833	5540.	124.	7205909.767	2684.383	**	**	**	**
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	6	93.5	92.	98.	84.	34.	5.831	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	6	52.5	516.333	2080.	37.	687496.267	829.154	**	**	**	**
80155p	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/15/66-09/22/82	5	100.	8732.4	31100.	13.	184927130.3	13598.792	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1983 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	5	24.5	23.6	30.5	16.	29.675	5.447	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	5	226.	1686.8	7040.	8.	9099227.7	3016.493	**	**	**	**
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	5	91.	89.6	93.	84.	13.3	3.647	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	5	33.	1426.2	7000.	16.	9708883.2	3115.908	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	4	28.75	24.25	30.	9.5	97.417	9.87	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	4	217.	258.25	569.	30.	51288.917	226.471	**	**	**	**
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	4	97.5	97.5	100.	95.	5.667	2.38	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	4	37.5	34.	48.	13.	294.	17.146	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	5	27.	25.3	31.5	19.5	30.575	5.529	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	5	61.	211.4	856.	13.	130320.3	360.999	**	**	**	**
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	5	89.	80.2	90.	48.	330.2	18.171	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	5	62.	103.4	276.	46.	9446.8	97.195	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	4	25.25	24.25	28.	18.5	19.75	4.444	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	3	138.	145.	268.	29.	14317.	119.654	**	**	**	**
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	3	91.	91.333	97.	86.	30.333	5.508	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	3	36.	40.	48.	36.	48.	6.928	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	6	23.	23.217	29.5	14.5	30.262	5.501	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	6	221.	230.167	460.	33.	25451.767	159.536	**	**	**	**
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	6	86.	84.333	89.	74.	30.267	5.502	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	6	50.5	54.833	78.	40.	206.967	14.386	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	7	26.	23.	30.	13.	45.667	6.758	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	7	313.	664.857	1860.	138.	437288.81	661.278	**	**	**	**
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	7	98.	97.571	100.	94.	3.619	1.902	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	7	71.	112.857	414.	25.	18296.476	135.264	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	7	26.	24.357	30.5	15.	42.143	6.492	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	7	196.	230.571	564.	13.	30510.619	174.673	**	**	**	**
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	6	88.5	89.	98.	81.	48.8	6.986	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	6	43.	44.667	60.	33.	121.067	11.003	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	5	26.5	26.5	32.	22.	17.25	4.153	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	5	79.	114.9	240.	0.5	8762.05	93.606	**	**	**	**
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	4	85.	84.	93.	73.	70.667	8.406	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	4	47.5	44.25	60.	22.	328.25	18.118	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	7	25.5	23.214	29.	13.	37.238	6.102	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	7	94.	178.571	378.	10.	22541.286	150.138	**	**	**	**
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	7	79.	73.571	99.	7.	989.286	31.453	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	7	39.	44.571	95.	23.	568.286	23.839	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1992 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	5	26.	24.3	30.	17.	31.2	5.586	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	5	2060.	3309.6	6680.	248.	9038310.8	3006.378	**	**	**	**
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	5	90.	92.6	99.	88.	25.3	5.03	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	5	136.	130.6	223.	28.	5140.8	71.699	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1993 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	6	24.5	24.167	30.	14.5	31.667	5.627	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	6	187.	355.5	1160.	86.	167304.7	409.029	**	**	**	**
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	6	99.5	92.333	100.	58.	284.267	16.86	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	6	71.5	96.667	254.	38.	6331.067	79.568	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1994 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	6	27.5	26.167	31.	17.5	25.167	5.017	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	6	141.5	277.	1030.	39.	140720.4	375.127	**	**	**	**
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	6	97.5	93.667	99.	77.	73.467	8.571	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	6	44.	53.833	93.	40.	435.767	20.875	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1995 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	6	25.5	25.25	32.	16.	34.775	5.897	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	6	173.	272.667	1020.	6.	142754.667	377.829	**	**	**	**
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	6	99.	98.333	100.	95.	3.867	1.966	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	6	43.5	42.333	49.	32.	43.467	6.593	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1996 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	10	28.75	27.	30.5	22.	11.5	3.391	22.	23.5	30.	30.45
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	10	118.5	117.4	302.	4.	6511.6	80.694	7.1	68.	152.	287.
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	9	98.	96.	100.	83.	29.5	5.431	83.	94.5	99.5	100.
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	10	54.	78.2	191.	28.	3147.733	56.105	28.4	40.25	124.5	187.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

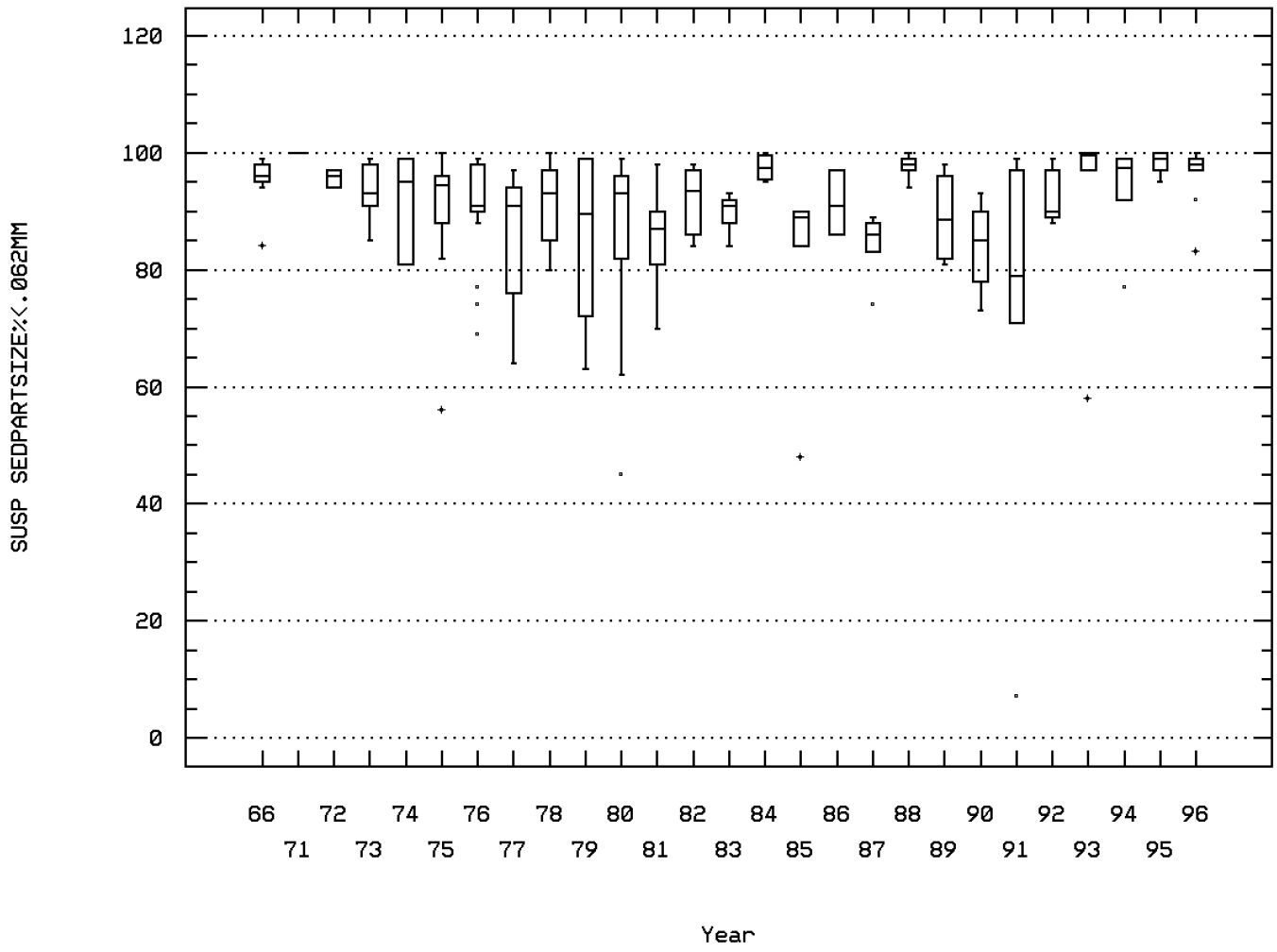
Annual Analysis for 1997 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	1	16.	16.	16.	16.	0.	0.	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	1	39.	39.	39.	39.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: PAAL0012 Parameter Code: 70331

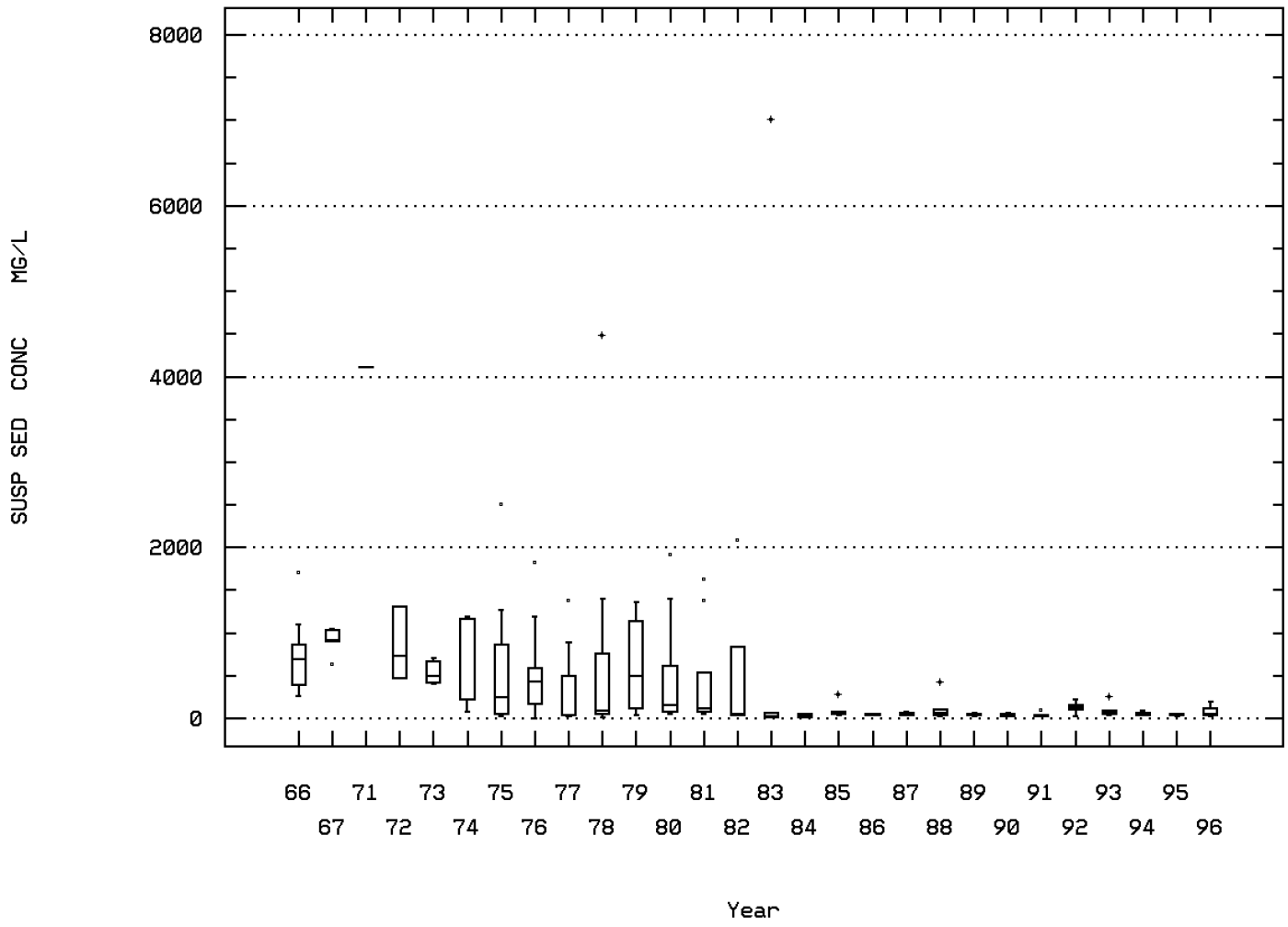
SUSPENDED SED SIEVE DIAMETER,% FINER TH



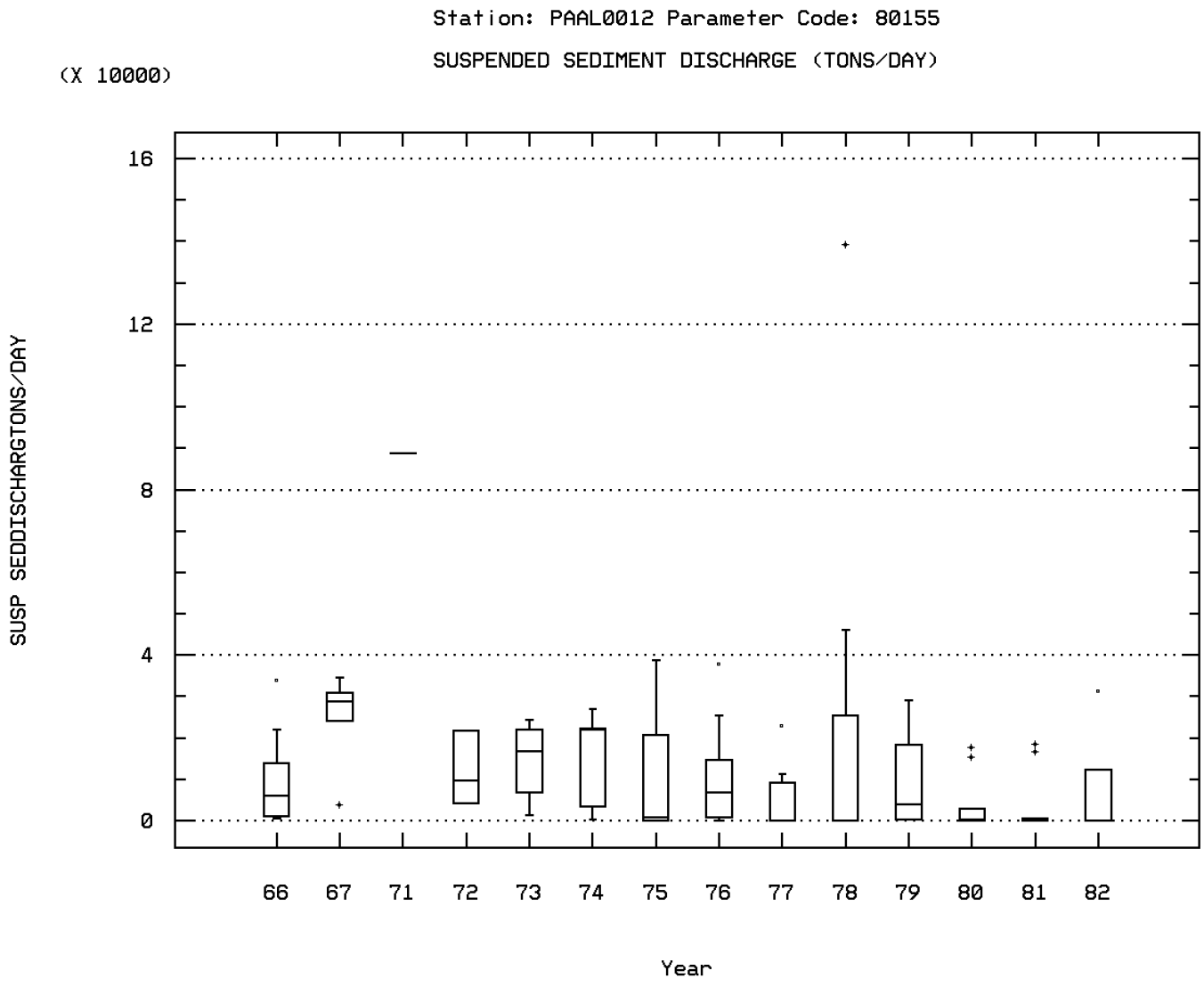
RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 80154

SUSP. SEDIMENT CONCENTRATION-EVAP. AT 1



RIO GRANDE NR BROWNSVILLE, TX



RIO GRANDE NR BROWNSVILLE, TX

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	41	26.	25.159	30.	14.5	15.48	3.935	19.7	22.75	28.	30.
00025	BAROMETRIC PRESSURE (MM OF HG)	08/19/82-01/07/97	14	773.	772.	780.	762.	33.538	5.791	763.5	765.75	776.25	780.
00060	FLOW, STREAM, MEAN DAILY CFS	02/15/66-08/19/75	4	5295.	5015.	6150.	3320.	1538166.667	1240.228	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	36	990.5	3467.278	13900.	13.	23462323.463	4843.792	74.5	145.25	6937.5	12660.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/04/78-01/07/97	20	34.	58.27	320.	7.4	5549.311	74.494	17.	21.25	64.25	188.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/06/66-01/07/97	26	1475.	1449.538	1900.	613.	110171.298	331.921	941.9	1236.75	1730.75	1856.
00300p	OXYGEN, DISSOLVED MG/L	11/12/74-01/07/97	25	8.5	8.252	10.7	5.4	1.272	1.128	6.32	7.8	9.	9.14
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/12/74-01/26/83	10	96.5	93.2	109.	68.	174.844	13.223	68.3	88.25	100.75	108.4
00310	BOD, 5 DAY, 20 DEG C MG/L	11/12/74-08/30/95	23	3.	3.357	6.1	1.4	1.298	1.139	2.08	2.5	4.2	4.98
00400p	PH (STANDARD UNITS)	12/06/66-01/07/97	26	8.	8.008	8.4	7.2	0.081	0.284	7.61	7.875	8.2	8.33
00400p	CONVERTED PH (STANDARD UNITS)	12/06/66-01/07/97	26	8.	7.896	8.4	7.2	0.094	0.306	7.61	7.875	8.2	8.33
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/06/66-01/07/97	26	0.01	0.013	0.063	0.004	0.	0.013	0.005	0.006	0.013	0.026
00403	PH, LAB, STANDARD UNITS SU	10/22/80-01/07/97	18	7.9	7.944	8.6	7.7	0.044	0.209	7.7	7.8	8.025	8.15
00403	CONVERTED PH, LAB, STANDARD UNITS	10/22/80-01/07/97	18	7.9	7.906	8.6	7.7	0.045	0.213	7.7	7.8	8.025	8.15
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/80-01/07/97	18	0.013	0.012	0.02	0.003	0.	0.005	0.007	0.009	0.016	0.02
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	12/06/66-06/26/90	19	140.	153.789	262.	98.	2225.842	47.179	100.	116.	182.	254.
00440	BICARBONATE ION (MG/L AS HCO3)	12/06/66-09/01/87	8	204.5	212.875	320.	120.	6182.411	78.628	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	12/06/66-09/01/87	8	0.	0.	0.	0.	0.	0.	**	**	**	**
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	11/19/87-01/07/97	10	0.	3.	17.	0.	40.889	6.394	0.	0.	3.25	16.6
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	11/19/87-01/07/97	10	197.	194.6	246.	141.	1481.378	38.489	142.	154.75	227.75	245.3
00600	NITROGEN, TOTAL (MG/L AS N)	11/12/74-09/16/81	9	1.1	1.342	3.1	0.71	0.549	0.741	0.71	0.86	1.65	3.1
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/12/74-09/16/81	9	0.72	0.78	1.2	0.38	0.064	0.253	0.38	0.63	0.99	1.2
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/79-01/07/97	19	0.02	0.03	0.11	0.003	0.001	0.025	0.008	0.02	0.04	0.06
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/12/74-10/14/92	17	0.04	0.208	2.4	0.01	0.323	0.569	0.018	0.03	0.115	0.68
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/23/85-01/07/97	12 ##	0.005	0.006	0.01	0.001	0.	0.002	0.002	0.005	0.005	0.01
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/12/74-10/14/92	9	0.01	0.016	0.05	0.005	0.	0.014	0.005	0.008	0.02	0.05
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	12/06/77-01/07/97	6	0.39	0.455	0.86	0.3	0.048	0.218	**	**	**	**
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/12/74-01/07/97	25	0.8	0.921	3.	0.4	0.231	0.48	0.536	0.72	0.915	1.24
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/12/74-10/14/92	12	0.05	0.174	0.81	0.	0.074	0.272	0.	0.021	0.23	0.762
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/17/79-01/07/97	19 ##	0.05	0.091	0.5	0.	0.017	0.131	0.	0.025	0.1	0.3
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/12/74-01/07/97	25	0.11	0.152	0.78	0.03	0.025	0.157	0.042	0.07	0.155	0.346
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/06/77-01/07/97	20	0.015	0.022	0.1	0.	0.001	0.024	0.001	0.005	0.03	0.059
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/22/81-01/07/97	16	0.01	0.019	0.093	0.005	0.001	0.022	0.005	0.005	0.02	0.056
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/19/75-02/19/81	3	4.5	5.233	7.1	4.1	2.653	1.629	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	12/06/66-01/08/91	12	355.	361.167	560.	180.	14332.697	119.719	196.2	255.	480.	545.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/06/66-01/26/83	12	205.	199.083	300.	81.	4506.811	67.133	92.1	152.5	257.5	294.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	12/06/66-01/07/97	26	96.	99.846	150.	52.	572.135	23.919	70.1	85.	120.	140.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/06/66-01/07/97	26	28.	28.308	44.	12.	57.022	7.551	16.9	23.75	34.	36.9
00930p	SODIUM, DISSOLVED (MG/L AS NA)	12/06/66-01/07/97	26	180.	165.731	250.	52.	1934.685	43.985	94.5	137.5	200.	213.
00931p	SODIUM ADSORPTION RATIO	12/06/66-01/08/91	12	3.7	3.583	5.3	1.7	0.869	0.932	1.97	2.9	4.225	5.
00932p	SODIUM, PERCENT	12/06/66-01/08/91	12	48.	47.75	56.	38.	21.841	4.673	39.8	45.	50.75	55.1
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	12/06/66-01/07/97	26	6.2	6.1	8.8	3.5	1.369	1.17	4.41	5.5	6.725	7.76
00940p	CHLORIDE,TOTAL IN WATER MG/L	12/06/66-01/07/97	26	210.	202.346	320.	58.	4011.595	63.337	109.1	157.5	245.	286.
00945p	SULFATE, TOTAL (MG/L AS SO4)	12/06/66-01/07/97	26	305.	286.462	390.	110.	4131.938	64.28	194.4	245.	332.5	350.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	12/06/66-01/07/97	24	0.65	0.621	1.	0.2	0.038	0.196	0.3	0.5	0.8	0.8
00955p	SILICA, DISSOLVED (MG/L AS SI02)	12/06/66-01/07/97	26	15.	15.027	24.	8.	12.083	3.476	10.61	13.	17.	19.9
01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/19/75-01/07/97	14	3.	3.714	6.	3.	1.143	1.069	3.	3.	4.	6.
01002	ARSENIC, TOTAL (UG/L AS AS)	02/19/75-08/19/82	3	4.	3.667	4.	3.	0.333	0.577	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	04/12/77-01/07/97	18	115.5	118.722	200.	93.	571.154	23.899	93.	107.5	122.5	146.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	11/04/82-01/07/97	11 ##	0.25	0.273	0.5	0.	0.018	0.135	0.05	0.25	0.25	0.5
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/19/75-01/07/97	14 ##	0.5	0.607	2.	0.5	0.161	0.401	0.5	0.5	0.5	1.25
01027	CADMIUM, TOTAL (UG/L AS CD)	02/19/75-08/19/82	3	0.	0.167	0.5	0.	0.083	0.289	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/19/75-01/07/97	14 ##	0.5	1.286	10.	0.	6.643	2.577	0.	0.5	0.625	6.25
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/19/75-08/19/82	3	0.	3.333	10.	0.	33.333	5.774	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	02/19/75-01/07/97	18 ##	1.5	1.389	1.5	0.5	0.105	0.323	0.5	1.5	1.5	1.5
01037	COBALT, TOTAL (UG/L AS CO)	02/19/75-08/19/82	3	1.	1.167	2.	0.5	0.583	0.764	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	02/19/75-01/07/97	14	1.	1.393	3.	0.	0.622	0.789	0.25	1.	2.	2.5
01042	COPPER, TOTAL (UG/L AS CU)	02/19/75-08/19/82	3	5.	29.333	80.	3.	1926.333	43.89	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	02/19/75-08/19/82	3	2100.	1990.	3300.	570.	1872300.	1368.32	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01046	IRON, DISSOLVED (UG/L AS FE)	02/19/75-01/07/97	18 ##	4.5	6.389	36.	1.5	72.722	8.528	1.5	1.5	6.75	19.8
01049	LEAD, DISSOLVED (UG/L AS PB)	02/19/75-01/07/97	14 ##	1.	1.464	3.	0.	1.133	1.065	0.25	0.5	2.5	3.
01051	LEAD, TOTAL (UG/L AS PB)	02/19/75-08/19/82	3	8.	7.333	11.	3.	16.333	4.041	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	02/19/75-08/19/82	3	170.	160.	220.	90.	4300.	65.574	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/19/75-01/07/97	18	2.	3.556	30.	0.5	46.173	6.795	0.5	0.5	3.	8.4
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/04/82-01/07/97	15 ##	5.	6.733	10.	4.	6.067	2.463	4.6	5.	10.	10.
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/19/75-01/07/97	18	1.	1.528	4.	0.	1.102	1.05	0.45	0.875	2.	3.1
01075	SILVER, DISSOLVED (UG/L AS AG)	04/12/77-01/07/97	18 ##	0.5	0.639	4.	0.	0.73	0.854	0.	0.5	0.5	0.85
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/19/75-01/07/97	15	1700.	1726.667	2100.	1200.	63523.81	252.039	1320.	1500.	1900.	2040.
01085	VANADIUM, DISSOLVED (UG/L AS V)	11/04/82-01/07/97	15 ##	3.	4.	9.	3.	4.429	2.104	3.	3.	3.	8.4
01090	ZINC, DISSOLVED (UG/L AS ZN)	02/19/75-01/07/97	14	5.	6.286	16.	1.5	17.412	4.173	1.5	3.5	8.25	14.5
01092	ZINC, TOTAL (UG/L AS ZN)	02/19/75-08/19/82	3	20.	20.	40.	0.	400.	20.	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/19/75-01/07/97	15 ##	5.	13.7	50.	0.5	189.993	13.784	3.2	5.	20.	38.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	02/19/75-01/07/97	15	59.	57.4	73.	37.	101.4	10.07	40.	51.	64.	71.2
01145	SELENIUM, DISSOLVED (UG/L AS SE)	02/19/75-01/07/97	18 ##	0.5	0.472	1.	0.	0.043	0.208	0.	0.5	0.5	0.55
01147	SELENIUM, TOTAL (UG/L AS SE)	02/19/75-08/19/82	3	0.5	0.5	1.	0.	0.25	0.5	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/16/76-08/30/95	18	1200.	5054.944	28000.	49.	67501556.526	8215.933	94.9	620.	6525.	23500.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/16/76-08/30/95	18	3.078	3.151	4.447	1.69	0.61	0.781	1.969	2.769	3.809	4.37
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			1415.387								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/16/76-08/30/95	19	260.	2884.105	36000.	14.	67277017.099	8202.257	16.	80.	2600.	7000.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/16/76-08/30/95	19	2.415	2.535	4.556	1.146	0.877	0.937	1.204	1.903	3.415	3.845
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			342.861								
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	04/26/90-01/07/97	7	179.	174.429	195.	146.	309.619	17.596	**	**	**	**
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	10/19/89-01/07/97	8	177.5	173.875	224.	131.	863.839	29.391	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	05/20/75-05/25/82	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	05/20/75-05/25/82	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	2 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	11/12/74-08/19/81	4	328500.	350500.	710000.	35000.	112311000000.	335128.334	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/06/66-01/07/97	25	960.	941.	1210.	378.	43375.917	208.269	661.4	805.5	1140.	1200.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/17/67-01/08/91	12	903.5	869.583	1210.	355.	83780.811	289.449	411.1	599.75	1167.5	1204.
70302	SOLIDS, DISSOLVED-TONS PER DAY	07/31/67-09/22/82	10	2170.	4034.4	12600.	261.	18269806.267	4274.319	301.2	1043.25	6322.5	12420.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	12/06/66-01/26/83	12	1.235	1.207	1.65	0.51	0.152	0.389	0.579	0.852	1.62	1.644
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	40	91.	86.875	100.	45.	190.984	13.82	59.6	82.	97.	99.
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/12/74-09/16/81	9	4.9	5.967	14.	3.1	11.345	3.368	3.1	3.8	7.3	14.
71890	MERCURY, DISSOLVED (UG/L AS HG)	02/19/75-09/04/91	12	0.05	0.104	0.3	0.	0.011	0.105	0.	0.05	0.175	0.3
71900	MERCURY, TOTAL (UG/L AS HG)	02/19/75-08/19/82	3	0.2	0.2	0.3	0.1	0.01	0.1	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	41	230.	383.756	1400.	26.	173073.039	416.02	34.4	43.	584.	1186.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/15/66-09/22/82	25	4200.	11578.852	46100.	6.3	156532933.823	12511.312	39.8	582.	22100.	26080.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	53	18.	18.128	27.	9.5	16.191	4.024	13.	15.	21.5	22.92
00025	BAROMETRIC PRESSURE (MM OF HG)	08/19/82-01/07/97	23	770.	767.87	780.	755.	45.391	6.737	756.2	765.	773.	775.
00060	FLOW, STREAM, MEAN DAILY CFS	02/15/66-08/19/75	5	948.	891.6	1910.	220.	454412.8	674.101	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	45	250.	1158.933	8500.	8.	4741480.518	2177.494	36.6	115.	850.5	5282.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/04/78-01/07/97	35	25.	31.694	190.	1.4	1061.906	32.587	8.	15.	34.	60.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/06/66-01/07/97	48	1425.	1453.521	2060.	895.	67233.319	259.294	1099.	1252.5	1607.5	1810.
00300p	OXYGEN, DISSOLVED MG/L	11/12/74-01/07/97	45	9.7	9.62	12.5	6.4	2.041	1.429	7.7	8.6	10.55	11.58
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/12/74-01/26/83	22	97.	98.091	123.	69.	222.753	14.925	72.5	90.25	112.25	117.4
00310	BOD, 5 DAY, 20 DEG C MG/L	11/12/74-08/30/95	43	3.2	3.279	6.9	0.4	2.12	1.456	1.4	1.9	4.5	4.96
00400p	PH (STANDARD UNITS)	12/06/66-01/07/97	47	8.1	8.102	8.6	7.5	0.08	0.282	7.7	7.9	8.3	8.52
00400p	CONVERTED PH (STANDARD UNITS)	12/06/66-01/07/97	47	8.1	8.014	8.6	7.5	0.088	0.296	7.7	7.9	8.3	8.52
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/06/66-01/07/97	47	0.008	0.01	0.032	0.003	0.	0.006	0.003	0.005	0.013	0.02
00403	PH, LAB, STANDARD UNITS SU	10/22/80-01/07/97	29	8.	8.028	8.6	7.6	0.048	0.22	7.8	7.9	8.1	8.4
00403	CONVERTED PH, LAB, STANDARD UNITS	10/22/80-01/07/97	29	8.	7.978	8.6	7.6	0.051	0.226	7.8	7.9	8.1	8.4
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/80-01/07/97	29	0.01	0.011	0.025	0.003	0.	0.005	0.004	0.008	0.013	0.016
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	12/06/66-06/26/90	35	144.	150.314	210.	89.	1030.869	32.107	111.8	126.	180.	196.
00440	BICARBONATE ION (MG/L AS HCO3)	12/06/66-09/01/87	20	183.	183.05	250.	108.	1677.313	40.955	130.	153.75	219.5	247.1
00445	CARBONATE ION (MG/L AS CO3)	12/06/66-09/01/87	20	0.	0.6	4.	0.	2.147	1.465	0.	0.	0.	4.
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	11/19/87-01/07/97	15	0.	1.933	11.	0.	13.352	3.654	0.	0.	4.	9.8
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	11/19/87-01/07/97	17	178.	184.588	235.	146.	865.132	29.413	150.8	160.	208.	235.
00600	NITROGEN, TOTAL (MG/L AS N)	11/12/74-09/16/81	19	1.	1.276	2.9	0.53	0.478	0.691	0.64	0.82	1.4	2.6
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/12/74-09/16/81	19	0.77	0.856	1.9	0.43	0.162	0.403	0.53	0.58	0.99	1.8
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/79-01/07/97	32	0.03	0.058	0.27	0.	0.005	0.067	0.008	0.013	0.068	0.18
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/12/74-10/14/92	32	0.055	0.189	1.4	0.	0.134	0.366	0.01	0.023	0.13	0.92
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/23/85-01/07/97	21	0.016	0.017	0.04	0.005	0.	0.011	0.005	0.008	0.02	0.038
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/12/74-10/14/92	17	0.01	0.016	0.05	0.005	0.	0.011	0.009	0.01	0.02	0.034
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	12/06/77-01/07/97	14	0.48	0.477	0.73	0.15	0.027	0.165	0.19	0.388	0.585	0.72
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/12/74-01/07/97	45	0.87	0.966	2.9	0.4	0.251	0.501	0.512	0.66	1.	1.6
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/12/74-10/14/92	23	0.18	0.188	0.5	0.	0.023	0.151	0.004	0.04	0.3	0.406
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/17/79-01/07/97	32	0.1	0.182	0.6	0.	0.03	0.174	0.022	0.025	0.375	0.4
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/12/74-01/07/97	45	0.09	0.114	0.49	0.01	0.009	0.095	0.036	0.065	0.125	0.24
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/06/77-01/07/97	38	0.02	0.026	0.07	0.	0.	0.019	0.005	0.01	0.04	0.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/22/81-01/07/97	26	0.02	0.021	0.061	0.002	0.	0.019	0.005	0.005	0.03	0.06
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/19/75-02/19/81	9	6.2	7.289	12.	3.8	10.014	3.164	3.8	4.6	11.	12.
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	12/06/66-01/08/91	25	358.	346.56	550.	0.	9773.507	98.861	268.	290.	405.	444.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/06/66-01/26/83	24	210.	212.542	340.	150.	1866.52	43.203	160.	182.5	230.	270.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	12/06/66-01/07/97	47	99.	98.532	150.	71.	325.037	18.029	79.2	82.	110.	122.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/06/66-01/07/97	47	27.	27.745	42.	18.	30.846	5.554	20.6	25.	31.	36.
00930p	SODIUM, DISSOLVED (MG/L AS NA)	12/06/66-01/07/97	47	170.	167.191	270.	90.	1310.419	36.2	120.	150.	180.	220.
00931p	SODIUM ADSORPTION RATIO	12/06/66-01/08/91	25	3.5	3.464	4.7	0.	0.842	0.917	2.68	3.1	4.1	4.54
00932p	SODIUM, PERCENT	12/06/66-01/08/91	25	47.	46.36	60.	0.	108.24	10.404	42.6	46.	50.5	52.8
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	12/06/66-01/07/97	47	5.8	5.785	8.7	2.3	0.799	0.894	4.98	5.4	6.3	6.6
00940p	CHLORIDE,TOTAL IN WATER MG/L	12/06/66-01/07/97	48	190.	202.771	340.	100.	2731.117	52.26	140.	170.	230.	290.
00945p	SULFATE, TOTAL (MG/L AS SO4)	12/06/66-01/07/97	48	290.	290.583	440.	180.	2341.142	48.385	230.	262.5	315.25	352.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	12/06/66-01/07/97	47	0.7	0.706	1.1	0.4	0.018	0.136	0.6	0.6	0.8	0.9
00955p	SILICA, DISSOLVED (MG/L AS SI02)	12/06/66-01/07/97	47	13.	13.121	19.	9.8	4.764	2.183	10.	11.	14.	16.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/19/75-01/07/97	17	3.	3.	7.	2.	1.5	1.225	2.	2.	3.	4.6
01002	ARSENIC, TOTAL (UG/L AS AS)	02/19/75-08/19/82	6	3.	2.833	3.	2.	0.167	0.408	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	04/12/77-01/07/97	21	100.	103.571	200.	50.	749.857	27.384	85.	92.	110.	134.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	11/04/82-01/07/97	11 ##	0.25	0.727	5.	0.25	2.018	1.421	0.25	0.25	0.5	4.1
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/19/75-01/07/97	17 ##	0.5	0.441	1.	0.	0.059	0.243	0.	0.5	0.5	0.6
01027	CADMIUM, TOTAL (UG/L AS CD)	02/19/75-08/19/82	6 ##	0.25	1.917	10.	0.	15.842	3.98	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/19/75-01/07/97	17 ##	0.5	1.882	10.	0.	9.985	3.16	0.	0.25	2.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/19/75-08/19/82	6 ##	5.	5.	10.	0.	30.	5.477	**	**	**	**
01035	COBALT, DISSOLVED (UG/L AS CO)	02/19/75-01/07/97	22 ##	1.5	1.273	4.	0.	0.708	0.841	0.	0.5	1.5	1.5
01037	COBALT, TOTAL (UG/L AS CO)	02/19/75-08/19/82	6 ##	1.5	9.167	50.	0.	400.967	20.024	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	02/19/75-01/07/97	17	1.	2.176	14.	0.	11.123	3.335	0.	0.5	3.	6.8
01042	COPPER, TOTAL (UG/L AS CU)	02/19/75-08/19/82	6	9.	10.	16.	5.	18.	4.243	**	**	**	**
01045	IRON, TOTAL (UG/L AS FE)	02/19/75-08/19/82	6	650.	636.667	850.	450.	23346.667	152.796	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01046	IRON, DISSOLVED (UG/L AS FE)	02/19/75-01/07/97	22 ##	3.5	6.773	40.	0.	102.089	10.104	1.5	1.5	5.25	27.
01049	LEAD, DISSOLVED (UG/L AS PB)	02/19/75-01/07/97	17 ##	1.	2.294	20.	0.	21.596	4.647	0.	0.5	2.25	6.
01051	LEAD, TOTAL (UG/L AS PB)	02/19/75-08/19/82	6	9.	26.5	100.	3.	1417.9	37.655	**	**	**	**
01055	MANGANESE, TOTAL (UG/L AS MN)	02/19/75-08/19/82	6	95.	115.	220.	50.	4670.	68.337	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/19/75-01/07/97	22	2.	11.5	100.	0.5	536.786	23.169	0.5	1.75	9.	42.5
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/04/82-01/07/97	16 ##	5.	6.5	10.	5.	4.8	2.191	5.	5.	9.25	10.
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/19/75-01/07/97	20	1.	1.45	5.	0.	1.761	1.327	0.05	0.5	2.	3.9
01075	SILVER, DISSOLVED (UG/L AS AG)	04/12/77-01/07/97	21 ##	0.5	0.476	1.	0.	0.062	0.249	0.	0.5	0.5	0.9
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/19/75-01/07/97	17	1600.	1670.588	2400.	1200.	84705.882	291.043	1360.	1500.	1750.	2240.
01085	VANADIUM, DISSOLVED (UG/L AS V)	11/04/82-01/07/97	16 ##	3.	3.875	13.	3.	6.917	2.63	3.	3.	3.	8.8
01090	ZINC, DISSOLVED (UG/L AS ZN)	02/19/75-01/07/97	17	5.	6.265	20.	1.5	29.191	5.403	1.5	1.5	10.	16.
01092	ZINC, TOTAL (UG/L AS ZN)	02/19/75-08/19/82	6	30.	28.333	40.	10.	136.667	11.69	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/19/75-01/07/97	17 ##	5.	10.647	50.	0.5	188.961	13.746	0.5	5.	10.	42.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	02/19/75-01/07/97	17	58.	57.118	70.	40.	57.985	7.615	44.8	53.	63.5	66.8
01145	SELENIUM, DISSOLVED (UG/L AS SE)	02/19/75-01/07/97	22 ##	0.5	0.5	1.	0.	0.048	0.218	0.15	0.5	0.5	0.85
01147	SELENIUM, TOTAL (UG/L AS SE)	02/19/75-08/19/82	6	0.75	0.583	1.	0.	0.242	0.492	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/16/76-08/30/95	37	290.	5255.432	150000.	32.	614961964.363	24798.427	54.4	135.	691.5	2800.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/16/76-08/30/95	37	2.462	2.579	5.176	1.505	0.523	0.723	1.735	2.13	2.839	3.433
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			379.654								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/16/76-08/30/95	37	84.	703.595	14000.	4.	5553384.359	2356.562	30.	50.	284.5	1024.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/16/76-08/30/95	37	1.924	2.127	4.146	0.602	0.493	0.702	1.477	1.696	2.454	2.996
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			134.057								
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	04/26/90-01/07/97	11	146.	153.455	196.	120.	684.273	26.159	121.	133.	182.	193.8
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	10/19/89-01/07/97	13	140.	145.538	192.	117.	568.103	23.835	118.2	127.5	164.5	188.8
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	3 ##	0.	0.002	0.005	0.	0.	0.003	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	05/20/75-05/25/82	3 ##	0.	0.002	0.005	0.	0.	0.003	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	05/20/75-05/25/82	3 ##	0.	0.017	0.05	0.	0.001	0.029	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	3 ##	0.	0.002	0.005	0.	0.	0.003	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	3 ##	0.	0.002	0.005	0.	0.	0.003	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	3 ##	0.	0.002	0.005	0.	0.	0.003	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	3 ##	0.	0.002	0.005	0.	0.	0.003	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	3 ##	0.	0.002	0.005	0.	0.	0.003	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	3 ##	0.	0.167	0.5	0.	0.083	0.289	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	3 ##	0.	0.002	0.005	0.	0.	0.003	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	3 ##	0.	0.002	0.005	0.	0.	0.003	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	3 ##	0.	0.002	0.005	0.	0.	0.003	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	3 ##	0.	0.003	0.01	0.	0.	0.006	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	3 ##	0.	0.003	0.01	0.	0.	0.006	**	**	**	**
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	3 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	11/12/74-08/19/81	6	70000.	69666.667	140000.	15000.	2400266666.667	48992.516	**	**	**	**
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/06/66-01/07/97	46	905.5	927.848	1390.	564.	27964.221	167.225	735.7	807.25	986.	1183.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/17/67-01/08/91	23	848.	810.696	1290.	0.	59250.221	243.414	571.4	705.	956.	1048.
70302	SOLIDS, DISSOLVED-TONS PER DAY	07/31/67-09/22/82	21	1180.	3021.333	15200.	258.	15455800.733	3931.387	371.6	696.	3760.	9892.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	12/06/66-01/26/83	24	1.2	1.182	1.75	0.77	0.045	0.213	0.89	1.023	1.328	1.365
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	50	91.	89.	100.	62.	107.224	10.355	72.1	84.	97.5	99.
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/12/74-09/16/81	19	4.5	5.632	13.	2.3	9.767	3.125	2.8	3.6	6.2	12.
71890	MERCURY, DISSOLVED (UG/L AS HG)	02/19/75-09/04/91	15 ##	0.05	0.1	0.3	0.05	0.007	0.082	0.05	0.05	0.1	0.27
71900	MERCURY, TOTAL (UG/L AS HG)	02/19/75-08/19/82	6	0.15	0.208	0.5	0.05	0.028	0.169	**	**	**	**
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	50	57.5	243.1	7000.	13.	973385.357	986.603	23.	35.75	80.25	260.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/15/66-09/22/82	24	108.5	1755.25	18100.	14.	19801443.935	4449.881	18.	36.25	598.	8950.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 9/30 - Station PAAL0012

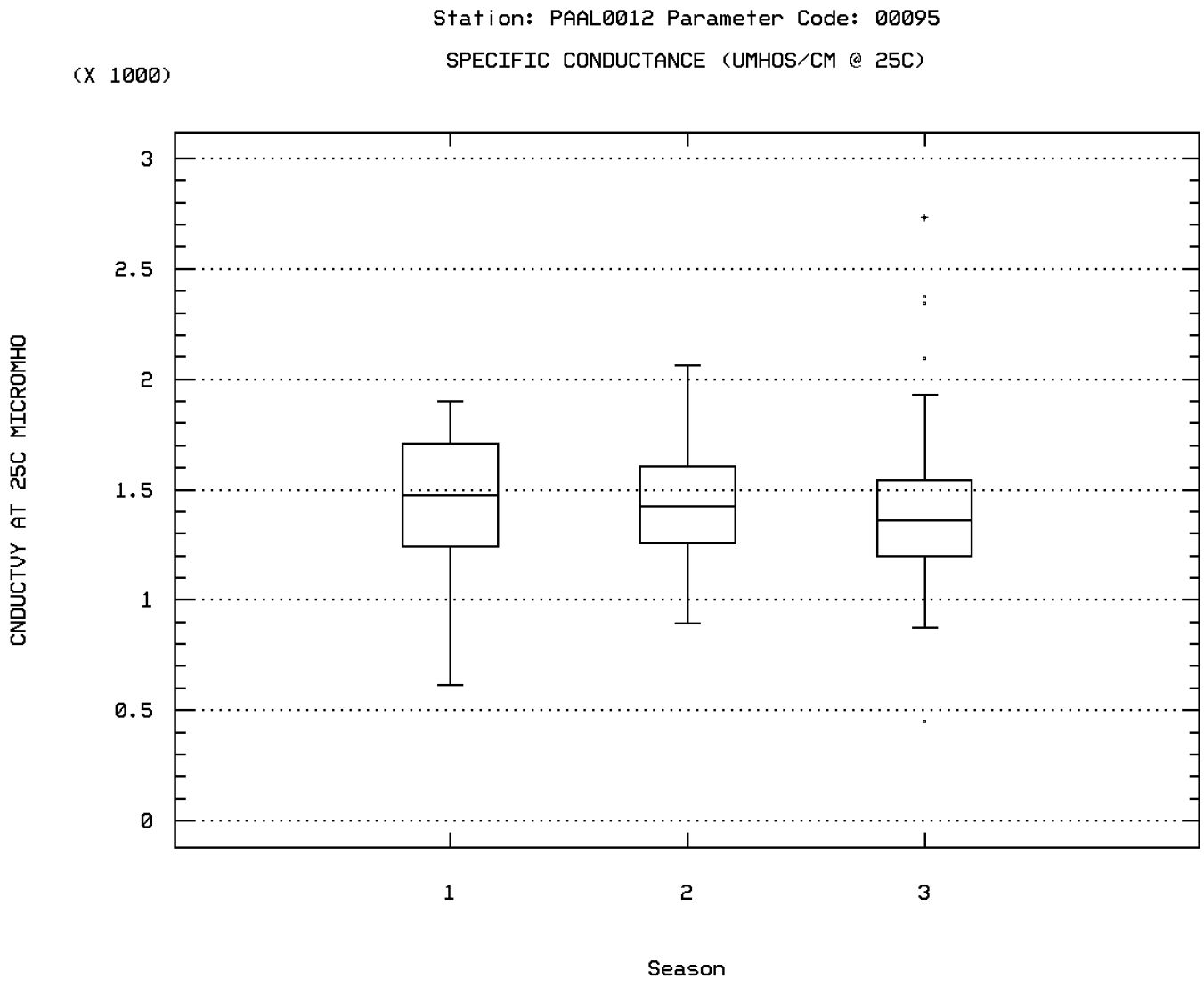
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	02/15/66-01/07/97	114	29.	28.284	33.	17.8	7.819	2.796	25.	26.65	30.	31.25
00025	BAROMETRIC PRESSURE (MM OF HG)	08/19/82-01/07/97	45	765.	764.911	775.	750.	30.719	5.542	759.6	760.5	770.	773.
00060	FLOW, STREAM, MEAN DAILY CFS	02/15/66-08/19/75	25	5090.	5788.32	12600.	4.	20201428.977	4494.6	687.8	1070.	10015.	11900.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/02/73-01/07/97	89	406.	2654.781	14000.	0.5	14620464.466	3823.672	35.	139.5	4365.	8780.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/04/78-01/07/97	53	25.	51.455	860.	0.5	14180.695	119.083	12.	19.	38.	114.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	12/06/66-01/07/97	71	1360.	1400.592	2730.	445.	129929.274	360.457	1024.	1200.	1540.	1806.
00300p	OXYGEN, DISSOLVED MG/L	11/12/74-01/07/97	69	7.6	7.345	10.6	3.5	1.403	1.185	6.2	6.75	8.	8.4
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	11/12/74-01/26/83	25	95.	91.56	115.	47.	278.757	16.696	61.	86.	101.	109.8
00310	BOD, 5 DAY, 20 DEG C MG/L	11/12/74-08/30/95	59	2.8	2.819	7.5	0.6	1.654	1.286	1.3	1.9	3.4	4.6
00400p	PH (STANDARD UNITS)	12/06/66-01/07/97	70	8.1	8.039	8.8	7.2	0.071	0.266	7.7	7.9	8.2	8.3
00400p	CONVERTED PH (STANDARD UNITS)	12/06/66-01/07/97	70	8.1	7.946	8.8	7.2	0.079	0.282	7.7	7.9	8.2	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/06/66-01/07/97	70	0.008	0.011	0.063	0.002	0.	0.01	0.005	0.006	0.013	0.02
00403	PH, LAB, STANDARD UNITS SU	10/22/80-01/07/97	50	8.	7.942	8.3	7.5	0.036	0.191	7.7	7.8	8.1	8.2
00403	CONVERTED PH, LAB, STANDARD UNITS	10/22/80-01/07/97	50	8.	7.9	8.3	7.5	0.038	0.195	7.7	7.8	8.1	8.2
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/80-01/07/97	50	0.01	0.013	0.032	0.005	0.	0.006	0.006	0.008	0.016	0.02
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	12/06/66-06/26/90	45	128.	137.333	222.	0.	1652.909	40.656	97.	115.	160.	196.2
00440	BICARBONATE ION (MG/L AS HCO3)	12/06/66-09/01/87	21	180.	178.524	270.	110.	2262.462	47.565	119.8	139.	224.	248.2
00445	CARBONATE ION (MG/L AS CO3)	12/06/66-09/01/87	21	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00452	CARBONATE,WATER,DISS,INCR TIT, FIELD, AS CO3, MG/L	11/19/87-01/07/97	29	0.	0.724	8.	0.	4.778	2.186	0.	0.	0.	6.
00453	BICARBONATE,WATER,DISS,INCR TIT,FIELD,AS HCO3,MG/L	11/19/87-01/07/97	30	153.	159.633	255.	121.	773.413	27.81	135.2	141.	166.25	199.3
00600	NITROGEN, TOTAL (MG/L AS N)	11/12/74-09/16/81	21	1.1	1.354	3.5	0.68	0.474	0.688	0.734	0.865	1.55	2.3
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	11/12/74-09/16/81	22	0.815	0.887	1.4	0.47	0.068	0.261	0.552	0.75	1.1	1.37
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	10/17/79-01/07/97	50	0.03	0.037	0.16	0.	0.001	0.034	0.005	0.01	0.05	0.079
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	11/12/74-10/14/92	43	0.03	0.147	2.2	0.	0.136	0.368	0.01	0.02	0.11	0.182
00613	NITRITE NITROGEN, DISSOLVED (MG/L AS N)	10/23/85-01/07/97	37 ##	0.005	0.01	0.07	0.005	0.	0.012	0.005	0.005	0.01	0.022
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	11/12/74-10/14/92	23	0.01	0.019	0.06	0.005	0.	0.015	0.005	0.005	0.03	0.04
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	12/06/77-01/07/97	19	0.46	0.481	1.2	0.12	0.07	0.264	0.2	0.3	0.54	0.86
00625p	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	11/12/74-01/07/97	69	0.8	0.869	3.5	0.2	0.253	0.503	0.4	0.6	0.955	1.3
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	11/12/74-10/14/92	28	0.085	0.202	1.5	0.01	0.094	0.307	0.01	0.033	0.245	0.631
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	10/17/79-01/07/97	50 ##	0.05	0.114	0.7	0.	0.026	0.161	0.025	0.025	0.1	0.3
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	11/12/74-01/07/97	69	0.08	0.128	0.76	0.03	0.017	0.13	0.05	0.06	0.14	0.23
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/06/77-01/07/97	57	0.02	0.023	0.12	0.	0.001	0.025	0.005	0.005	0.03	0.06
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	10/22/81-01/07/97	46	0.01	0.021	0.13	0.001	0.001	0.025	0.005	0.005	0.03	0.053
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	02/19/75-02/19/81	11	7.1	7.964	15.	5.	9.181	3.03	5.16	6.	8.8	14.4
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	12/06/66-01/08/91	26	331.	338.115	500.	139.	9310.906	96.493	230.	257.5	395.	493.
00902	HARDNESS, NON-CARBONATE (MG/L AS CACO3)	12/06/66-01/26/83	26	195.	193.577	330.	43.	4067.054	63.773	127.	147.5	232.5	293.
00915p	CALCIUM, DISSOLVED (MG/L AS CA)	12/06/66-01/07/97	70	83.	88.157	150.	46.	454.83	21.327	66.1	76.5	94.5	129.
00925p	MAGNESIUM, DISSOLVED (MG/L AS MG)	12/06/66-01/07/97	70	26.	26.057	48.	6.	60.431	7.774	18.	21.75	30.	36.8
00930p	SODIUM, DISSOLVED (MG/L AS NA)	12/06/66-01/07/97	70	160.	164.157	360.	36.	2284.337	47.795	120.	140.	180.	210.
00931p	SODIUM ADSORPTION RATIO	12/06/66-01/08/91	26	3.75	3.738	6.3	1.3	0.844	0.919	2.77	3.25	4.15	4.82
00932p	SODIUM, PERCENT	12/06/66-01/08/91	26	49.5	49.269	62.	35.	34.525	5.876	41.4	45.75	52.	58.
00935p	POTASSIUM, DISSOLVED (MG/L AS K)	12/06/66-01/07/97	70	6.05	6.106	7.8	4.2	0.689	0.83	5.1	5.475	6.625	7.4
00940p	CHLORIDE,TOTAL IN WATER MG/L	12/06/66-01/07/97	70	190.	192.557	480.	32.	4560.163	67.529	120.	157.5	220.	250.
00945p	SULFATE, TOTAL (MG/L AS SO4)	12/06/66-01/07/97	70	280.	281.4	540.	72.	4530.475	67.309	210.	240.	312.5	340.
00950p	FLUORIDE, DISSOLVED (MG/L AS F)	12/06/66-01/07/97	70	0.7	0.713	1.1	0.3	0.027	0.165	0.5	0.6	0.8	0.9
00955p	SILICA, DISSOLVED (MG/L AS SI02)	12/06/66-01/07/97	70	14.	14.416	24.	7.	10.92	3.305	11.	12.	16.	19.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	02/19/75-01/07/97	39	4.	3.782	7.	0.5	1.721	1.312	2.	3.	4.	6.
01002	ARSENIC, TOTAL (UG/L AS AS)	02/19/75-08/19/82	13	4.	4.692	7.	3.	1.731	1.316	3.	4.	5.5	7.
01005	BARIUM, DISSOLVED (UG/L AS BA)	04/12/77-01/07/97	44	110.	121.455	300.	50.	1710.44	41.357	92.5	100.	124.5	200.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	11/04/82-01/07/97	26 ##	0.25	0.712	5.	0.25	1.608	1.268	0.25	0.25	0.5	1.85
01025	CADMIUM, DISSOLVED (UG/L AS CD)	02/19/75-01/07/97	39 ##	0.5	0.474	1.	0.	0.078	0.28	0.	0.5	0.5	1.
01027	CADMIUM, TOTAL (UG/L AS CD)	02/19/75-08/19/82	13 ##	0.5	2.538	10.	0.	18.228	4.269	0.	0.	5.5	10.
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	02/19/75-01/07/97	39 ##	0.5	2.526	20.	0.	23.881	4.887	0.	0.5	2.	10.
01034	CHROMIUM, TOTAL (UG/L AS CR)	02/19/75-08/19/82	13 ##	10.	11.923	30.	0.	89.744	9.473	0.	7.5	15.	30.
01035	COBALT, DISSOLVED (UG/L AS CO)	02/19/75-01/07/97	48 ##	1.5	1.052	2.	0.	0.375	0.612	0.	0.5	1.5	1.5
01037	COBALT, TOTAL (UG/L AS CO)	02/19/75-08/19/82	13 ##	1.	12.615	50.	0.	460.256	21.454	0.	0.	29.5	50.
01040	COPPER, DISSOLVED (UG/L AS CU)	02/19/75-01/07/97	39	1.	1.654	5.	0.	1.239	1.113	0.5	1.	2.	3.
01042	COPPER, TOTAL (UG/L AS CU)	02/19/75-08/19/82	13	7.	9.769	27.	0.	80.359	8.964	0.	3.	15.5	26.2
01045	IRON, TOTAL (UG/L AS FE)	02/19/75-08/19/82	13	830.	3045.385	23000.	170.	38523243.59	6206.71	202.	580.	2500.	16200.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 9/30 - Station PAAL0012

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01046	IRON, DISSOLVED (UG/L AS FE)	02/19/75-01/07/97	48	6.	12.385	52.	1.	193.279	13.902	1.5	4.	19.	40.
01049	LEAD, DISSOLVED (UG/L AS PB)	02/19/75-01/07/97	39 ##	0.5	1.115	6.	0.	1.769	1.33	0.	0.5	2.	2.5
01051	LEAD, TOTAL (UG/L AS PB)	02/19/75-08/19/82	13	4.	26.769	100.	0.	1761.359	41.969	0.4	3.	59.	100.
01055	MANGANESE, TOTAL (UG/L AS MN)	02/19/75-08/19/82	13	150.	208.462	960.	50.	53847.436	232.051	62.	100.	205.	668.
01056	MANGANESE, DISSOLVED (UG/L AS MN)	02/19/75-01/07/97	48	2.	15.74	250.	0.5	2109.776	45.932	0.5	0.5	5.	41.
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	11/04/82-01/07/97	35 ##	5.	7.171	20.	5.	9.852	3.139	5.	5.	9.	10.
01065	NICKEL, DISSOLVED (UG/L AS NI)	02/19/75-01/07/97	44	1.	1.557	6.	0.	1.805	1.343	0.5	0.5	2.	3.5
01075	SILVER, DISSOLVED (UG/L AS AG)	04/12/77-01/07/97	44 ##	0.5	0.432	1.	0.	0.042	0.204	0.	0.5	0.5	0.5
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	02/19/75-01/07/97	39	1600.	1594.872	2500.	1200.	76288.799	276.204	1200.	1400.	1700.	1900.
01085	VANADIUM, DISSOLVED (UG/L AS V)	11/04/82-01/07/97	35 ##	3.	4.743	15.	2.	8.255	2.873	3.	3.	7.	8.4
01090	ZINC, DISSOLVED (UG/L AS ZN)	02/19/75-01/07/97	39	7.	10.808	52.	0.	109.692	10.473	1.5	3.	16.	22.
01092	ZINC, TOTAL (UG/L AS ZN)	02/19/75-08/19/82	13	20.	30.	120.	10.	1016.667	31.885	10.	10.	45.	96.
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	02/19/75-01/07/97	39	10.	16.551	90.	0.5	479.182	21.89	1.	5.	20.	50.
01130	LITHIUM, DISSOLVED (UG/L AS LI)	02/19/75-01/07/97	39	57.	57.103	90.	30.	121.779	11.035	43.	50.	63.	70.
01145	SELENIUM, DISSOLVED (UG/L AS SE)	02/19/75-01/07/97	48 ##	0.5	0.521	1.	0.	0.042	0.205	0.5	0.5	0.5	1.
01147	SELENIUM, TOTAL (UG/L AS SE)	02/19/75-08/19/82	13 ##	0.5	0.462	1.	0.	0.103	0.32	0.	0.25	0.5	1.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	11/16/76-08/30/95	54	650.	23682.093	799999.	22.13	214154609.331	114952.836	84.	177.5	1850.	16000.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	11/16/76-08/30/95	54	2.813	2.924	5.903	1.342	0.865	0.93	1.924	2.249	3.267	4.201
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			839.217								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/16/76-08/30/95	52	285.	4231.673	120000.	6.	285995492.028	16911.401	66.6	132.5	1600.	8070.
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	11/16/76-08/30/95	52	2.454	2.657	5.079	0.778	0.718	0.847	1.823	2.122	3.201	3.899
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			454.294								
39036	ALKALINITY,FILTERED SAMPLE AS CACO3 MG/L	04/26/90-01/07/97	24	125.5	124.125	209.	0.	1184.114	34.411	102.5	114.	133.75	154.5
39086	ALKALINITY,WATER,DISS,INCR TIT,FIELD,AS CACO3,MG/L	10/19/89-01/07/97	26	126.5	132.	209.	99.	571.76	23.912	109.4	115.75	136.	171.
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	05/20/75-05/25/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	05/20/75-05/25/82	9 ##	0.	0.006	0.05	0.	0.	0.017	0.	0.	0.	0.05
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	9 ##	0.	0.004	0.04	0.	0.	0.013	0.	0.	0.	0.04
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	9 ##	0.	0.009	0.08	0.	0.001	0.027	0.	0.	0.	0.08
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	9 ##	0.	0.056	0.5	0.	0.028	0.167	0.	0.	0.	0.5
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	9 ##	0.	0.001	0.01	0.	0.	0.003	0.	0.	0.	0.01
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	05/20/75-05/25/82	9 ##	0.	0.001	0.005	0.	0.	0.002	0.	0.	0.	0.005
60050	ALGAE, TOTAL (CELLS/ML)	11/12/74-08/19/81	16	98500.	191610.	580000.	360.37	307161066.667	193150.618	2488.	18500.	380000.	496000.
70300p	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	12/06/66-01/07/97	70	835.5	876.243	1730.	267.	53654.592	231.635	643.7	754.25	962.25	1139.
70301p	SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (MG/L)	10/17/67-01/08/91	24	790.5	859.958	1480.	549.	47056.563	216.925	610.5	732.25	1006.5	1150.
70302	SOLIDS, DISSOLVED-TONS PER DAY	07/31/67-09/22/82	25	999.	2773.924	19000.	8.7	21239641.923	4608.649	58.08	207.	2205.	9960.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	12/06/66-01/26/83	26	1.08	1.148	2.04	0.36	0.114	0.338	0.772	0.968	1.343	1.592
70331p	SUSPENDED SED SIEVE DIAMETER,% FINER THAN .062MM	02/15/66-09/24/96	105	96.	91.752	100.	7.	128.996	11.358	81.6	88.5	98.	99.
71887	NITROGEN, TOTAL, AS NO3 - MG/L	11/12/74-09/16/81	21	5.	6.033	16.	3.	9.652	3.107	3.22	3.85	7.	10.
71890	MERCURY, DISSOLVED (UG/L AS HG)	02/19/75-09/04/91	31 ##	0.05	0.139	0.7	0.	0.02	0.142	0.05	0.05	0.2	0.25
71900	MERCURY, TOTAL (UG/L AS HG)	02/19/75-08/19/82	13 ##	0.25	0.362	1.7	0.05	0.201	0.448	0.05	0.075	0.35	1.34
80154p	SUSP. SEDIMENT CONCENTRATION-EVAP. AT 110C (MG/L)	02/15/66-11/13/96	110	151.	520.436	4480.	6.	553674.872	744.093	38.	48.	817.75	1369.
80155	SUSPENDED SEDIMENT DISCHARGE (TONS/DAY)	02/15/66-09/22/82	69	8060.	14655.552	139000.	2.7	452826287.393	21279.715	15.	409.5	21950.	33700.

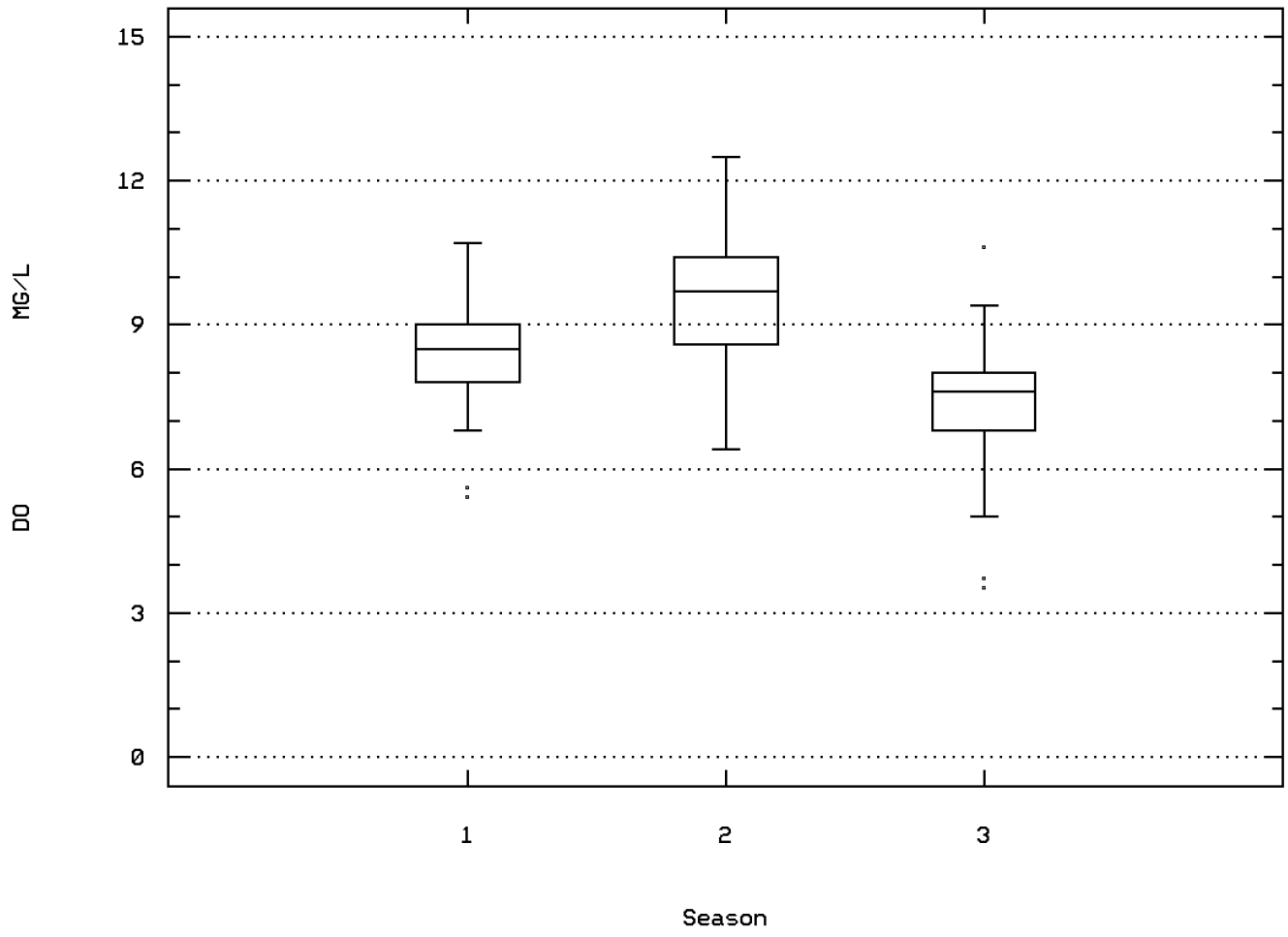
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



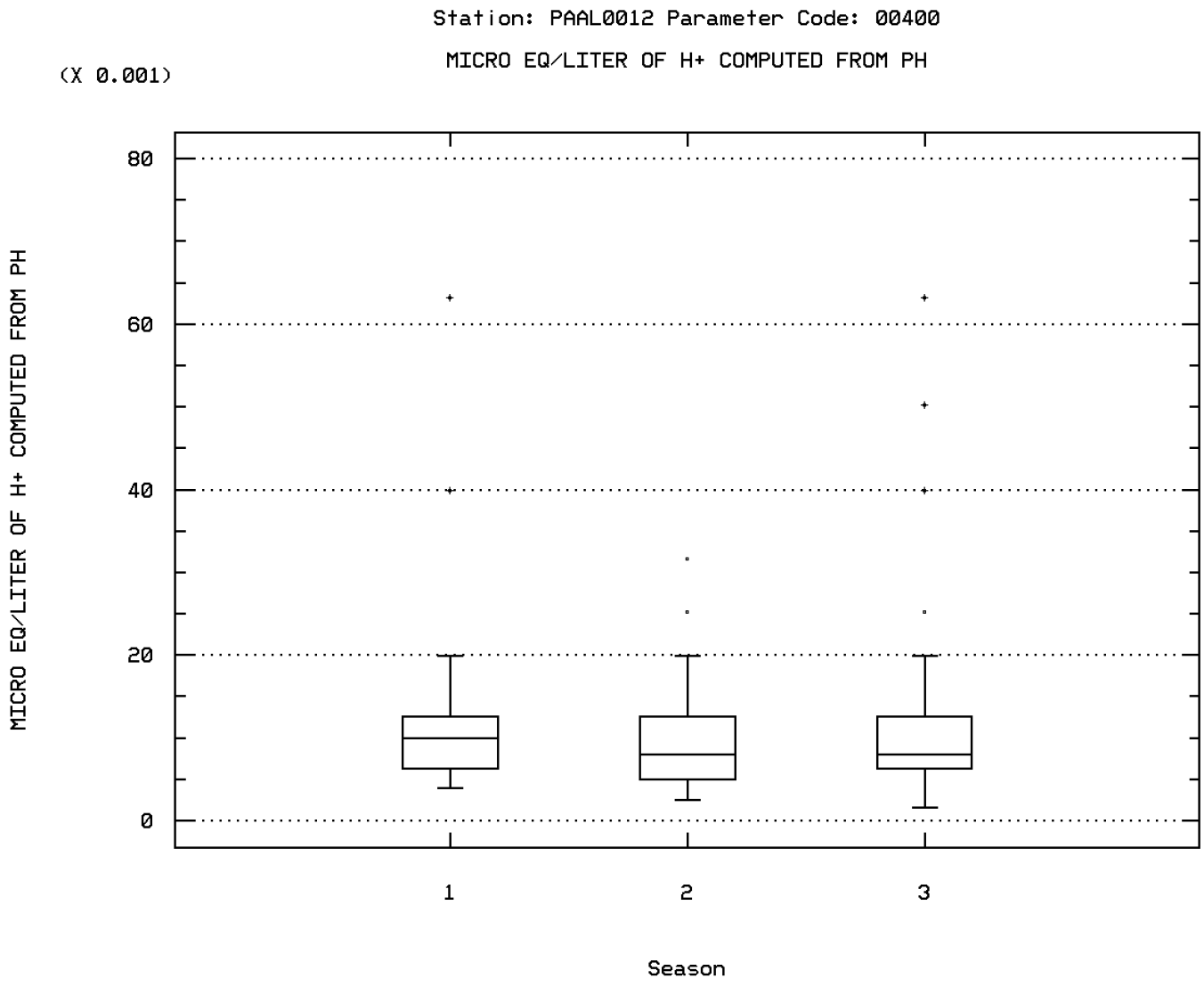
RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00300

OXYGEN, DISSOLVED



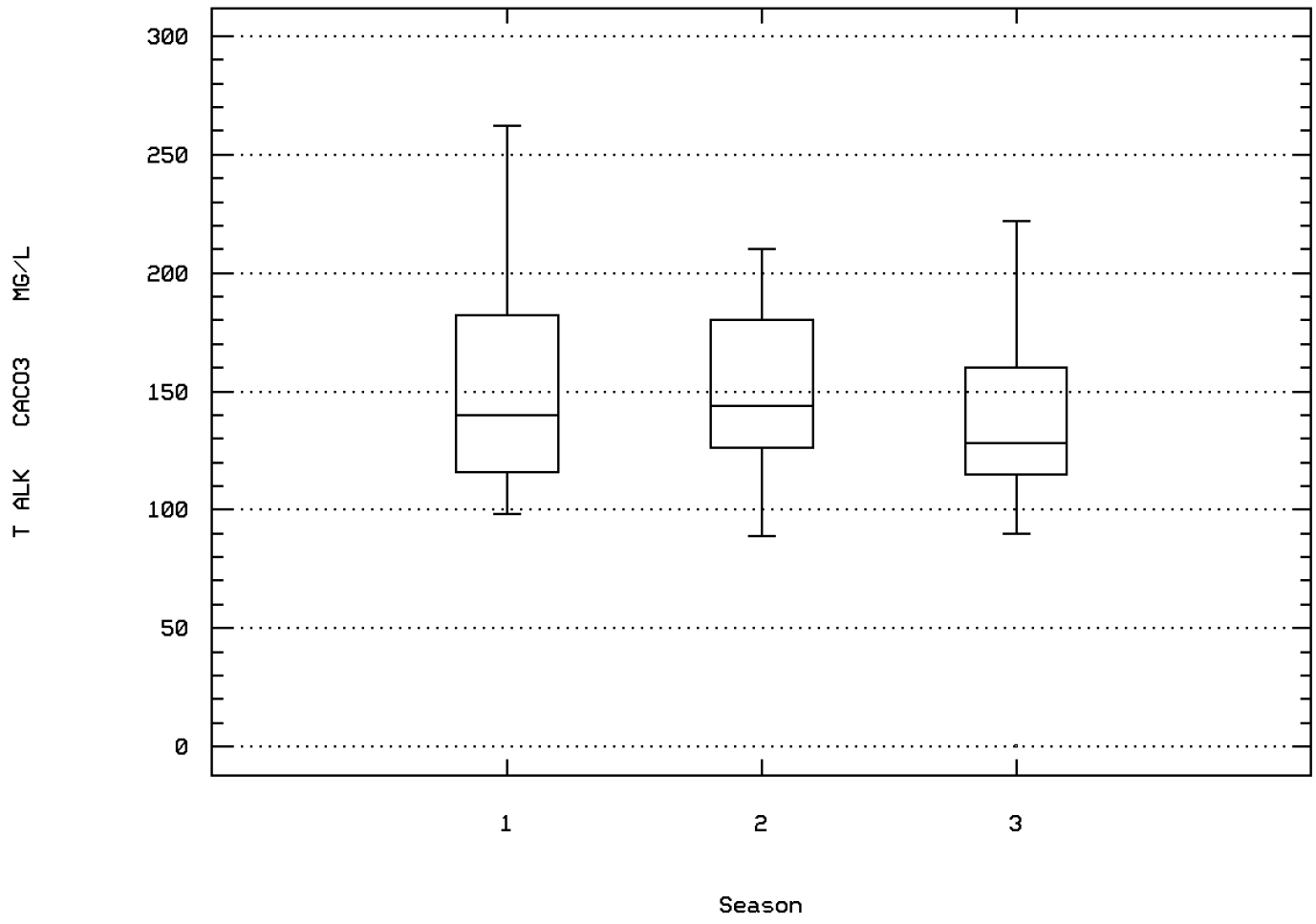
RIO GRANDE NR BROWNSVILLE, TX



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00410

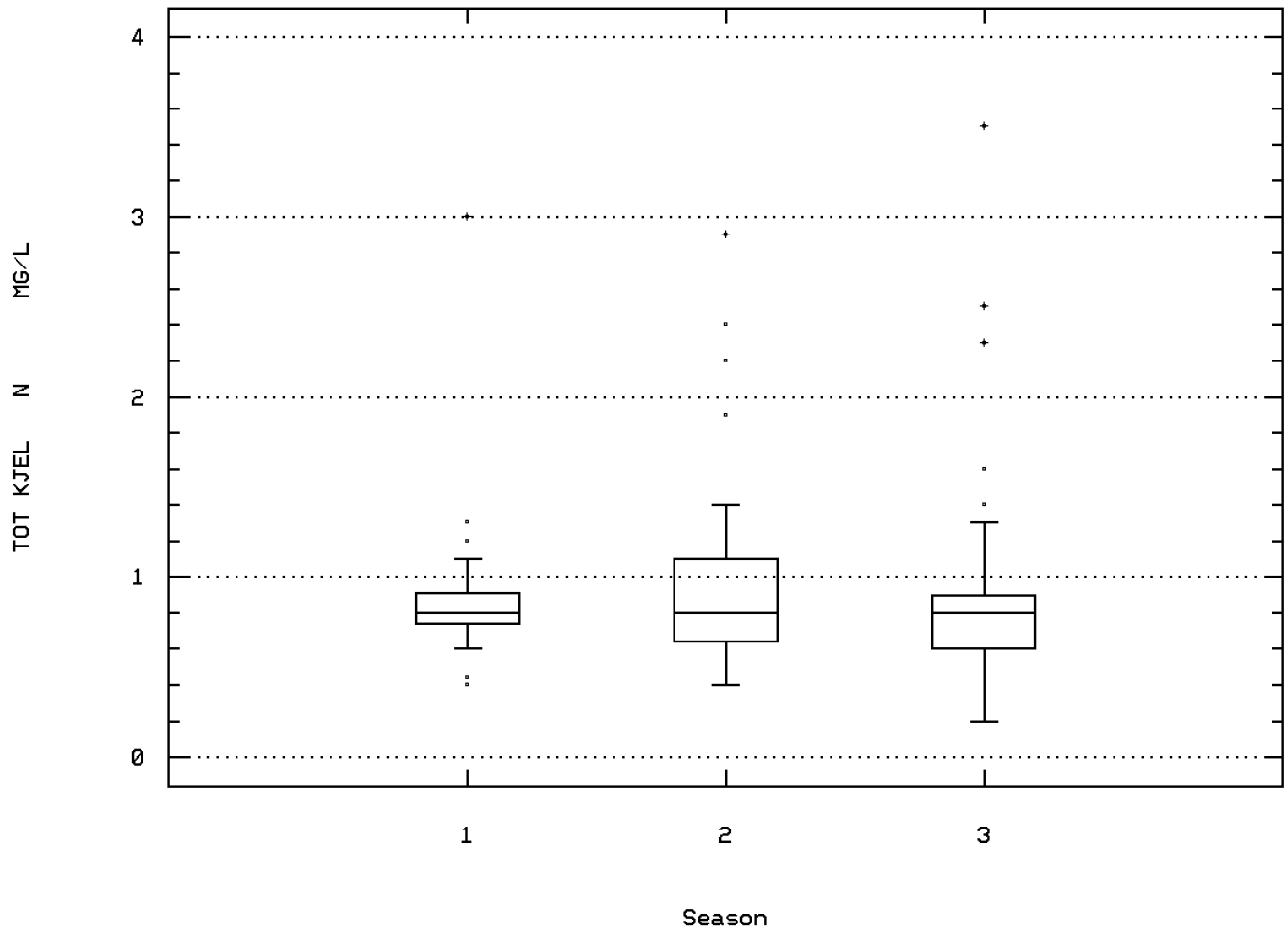
ALKALINITY, TOTAL (MG/L AS CACO3)



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00625

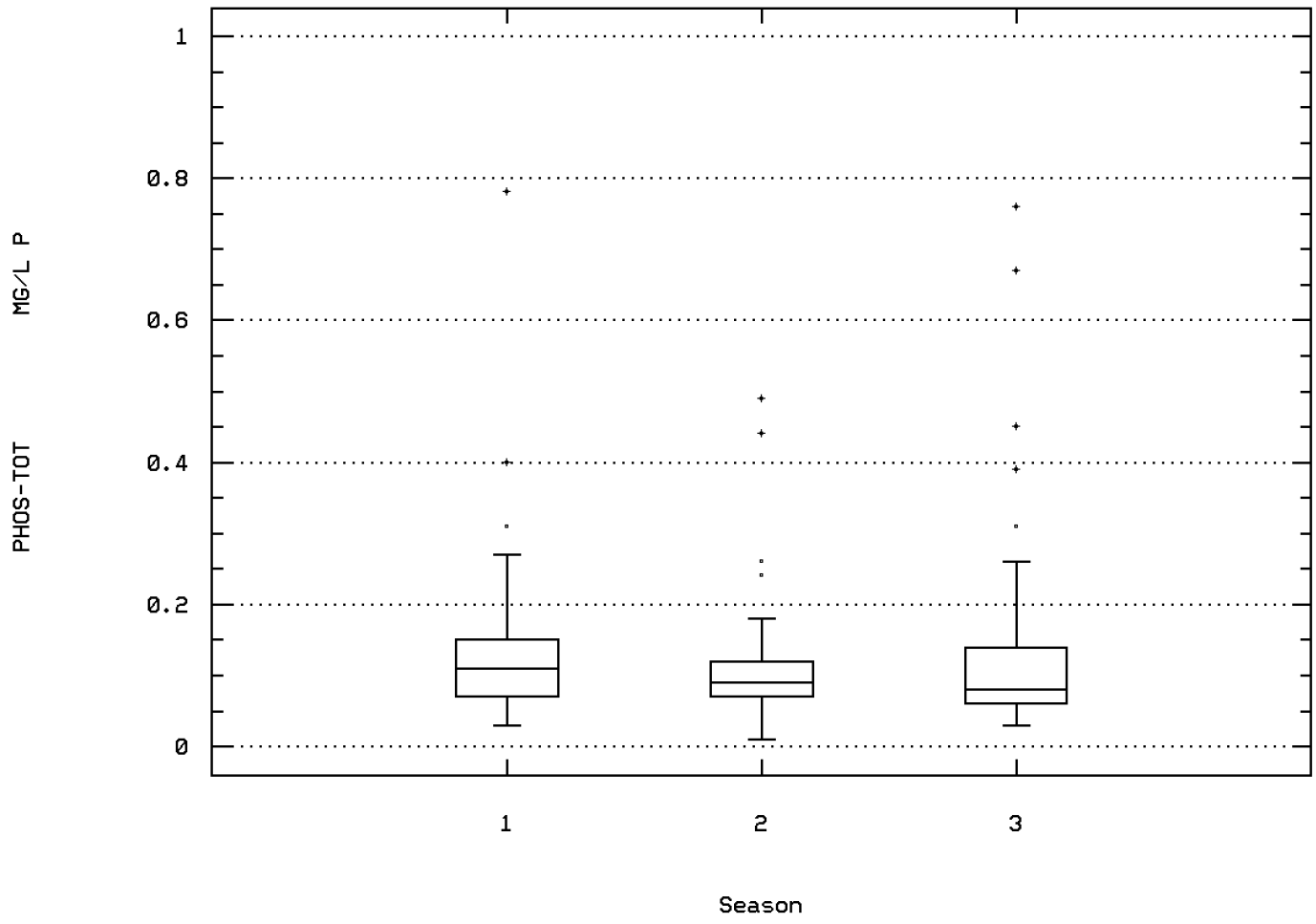
NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00665

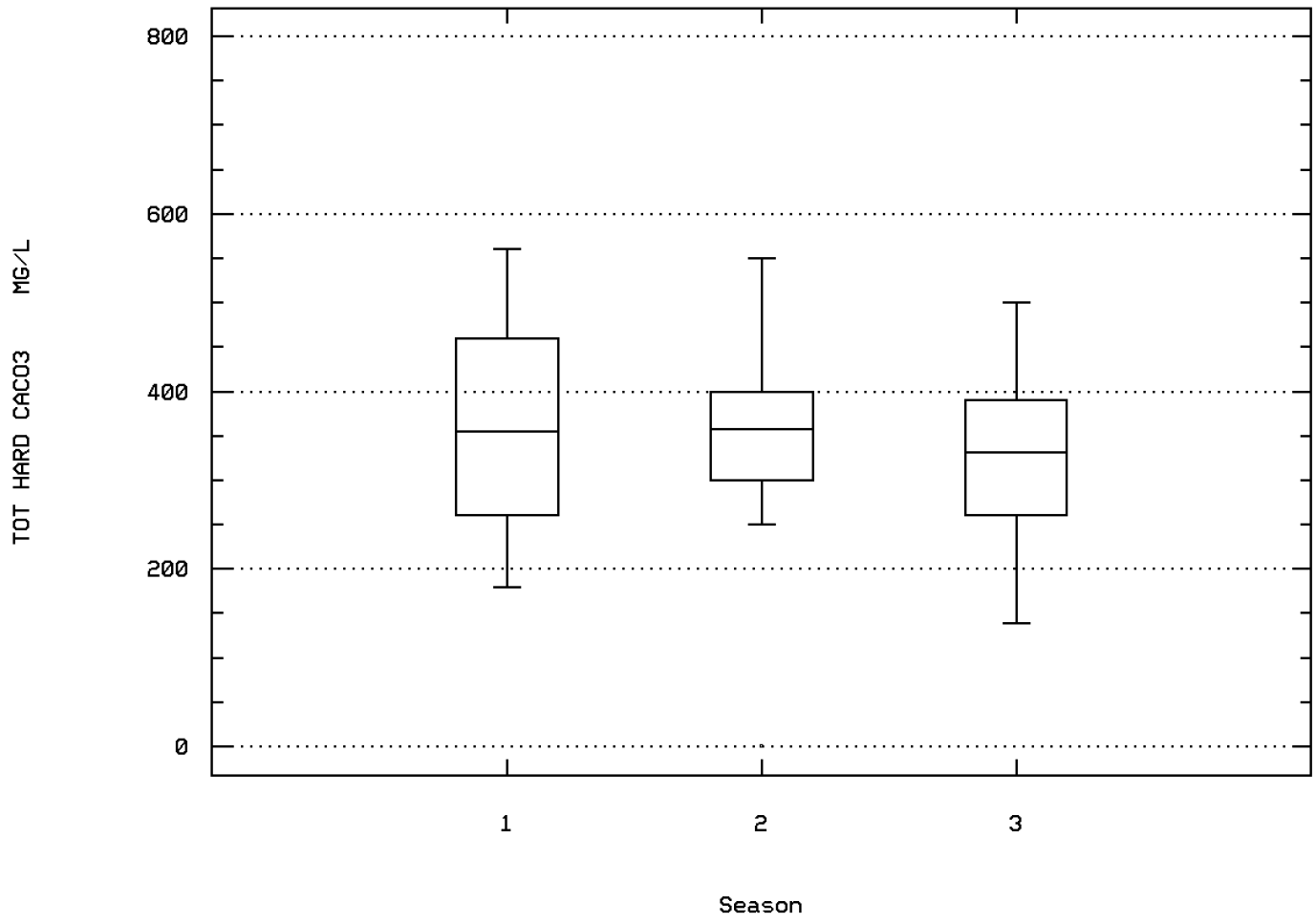
PHOSPHORUS, TOTAL (MG/L AS P)



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00900

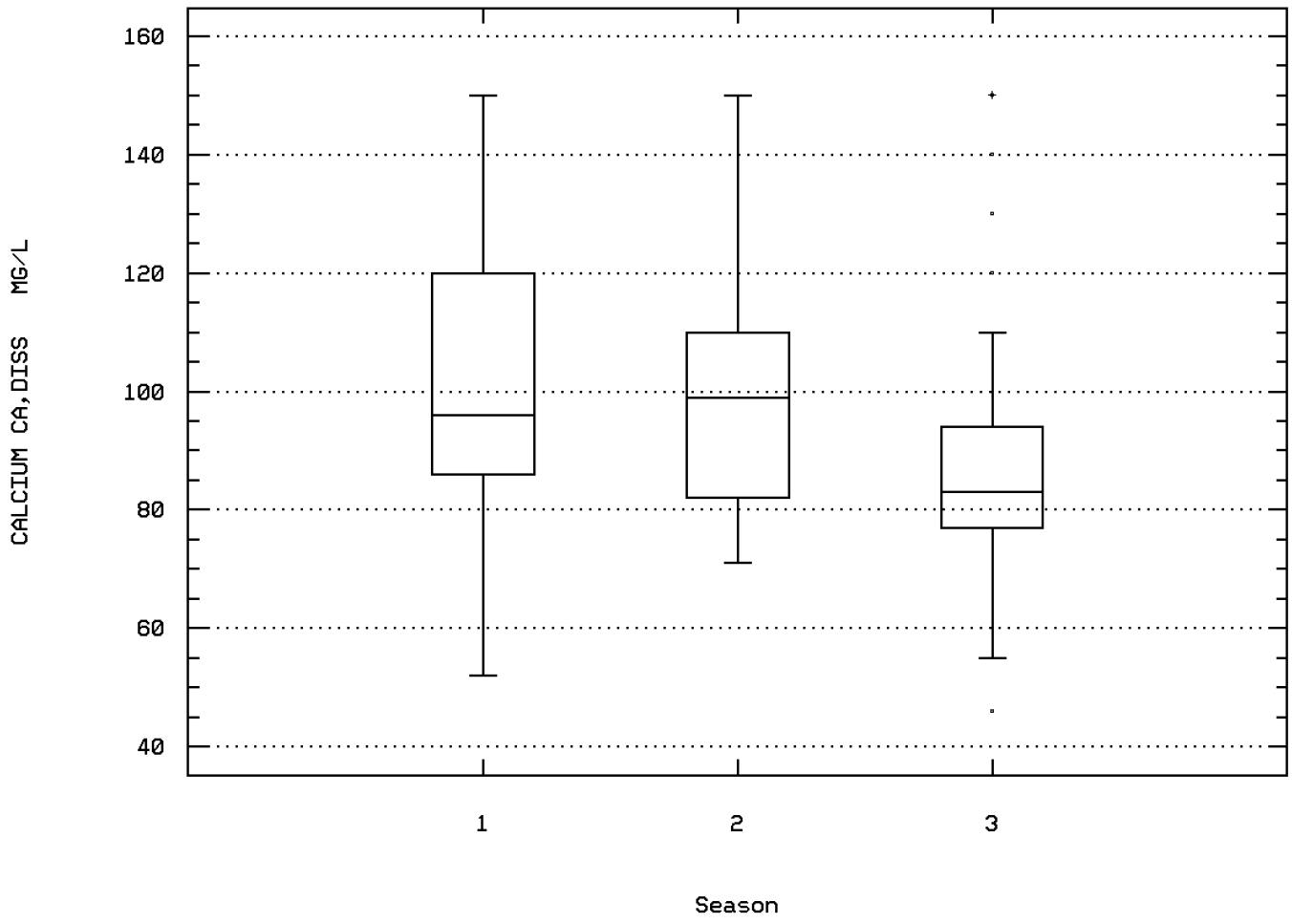
HARDNESS, TOTAL (MG/L AS CACO3)



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00915

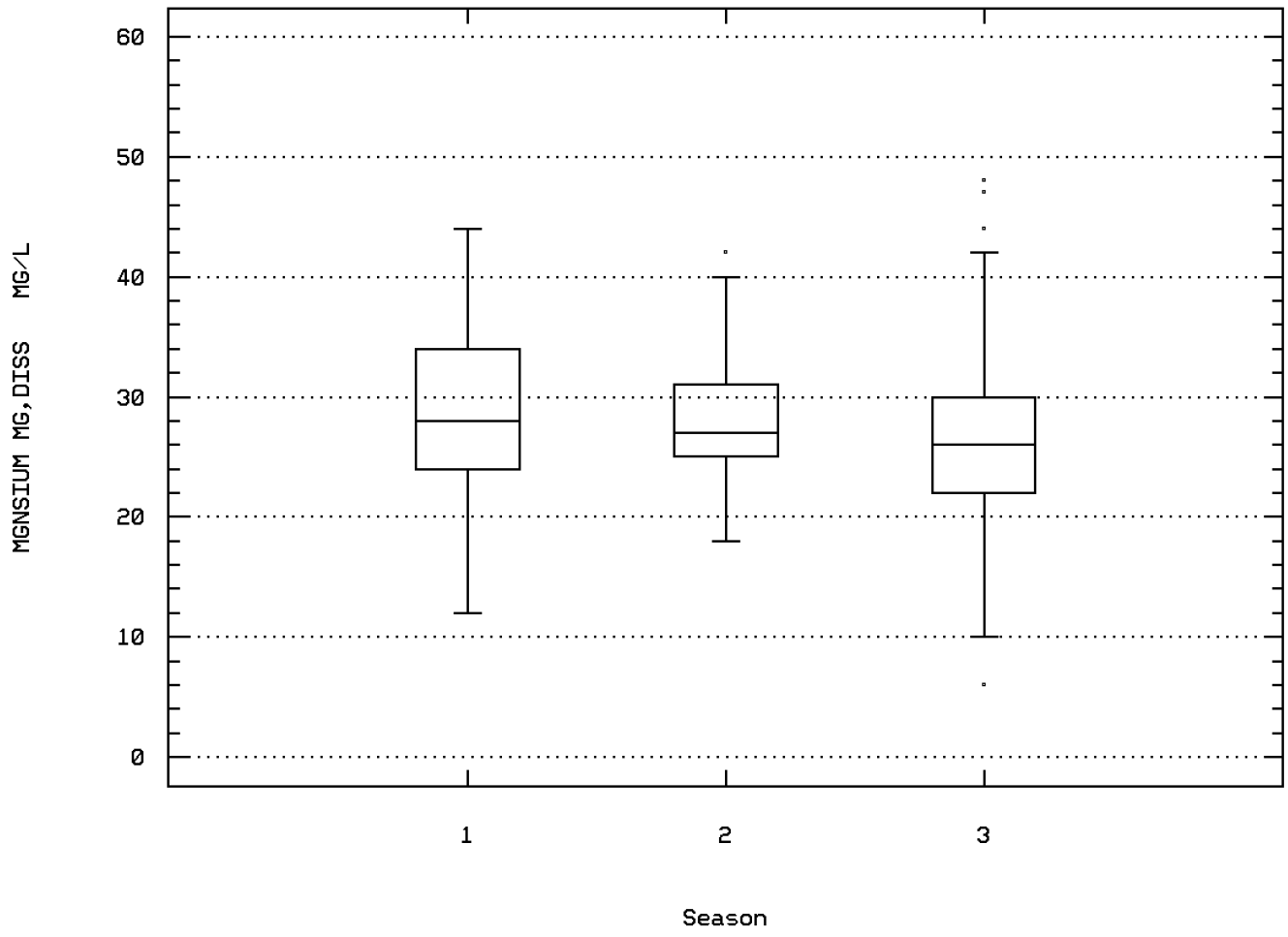
CALCIUM, DISSOLVED (MG/L AS CA)



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00925

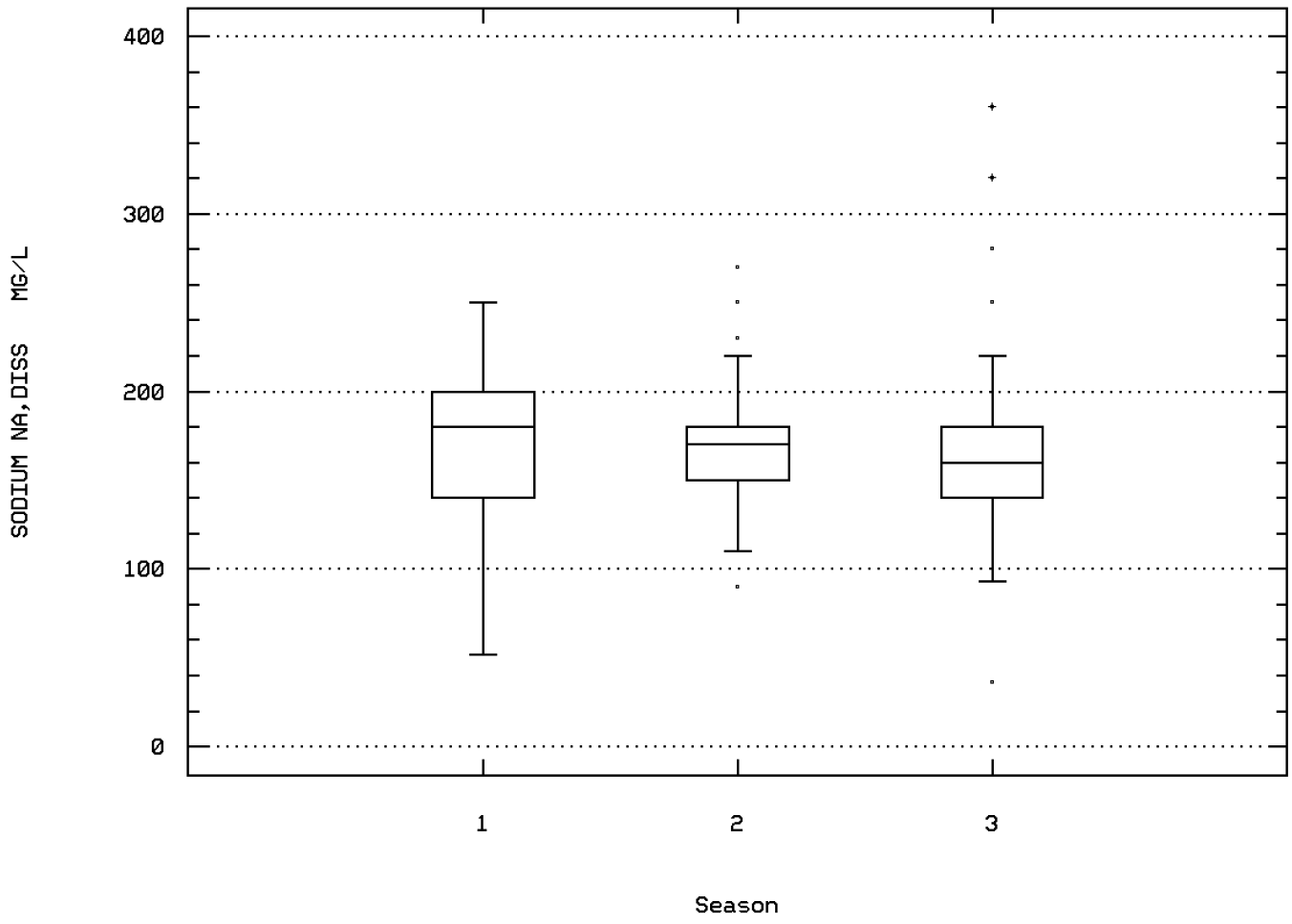
MAGNESIUM, DISSOLVED (MG/L AS MG)



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00930

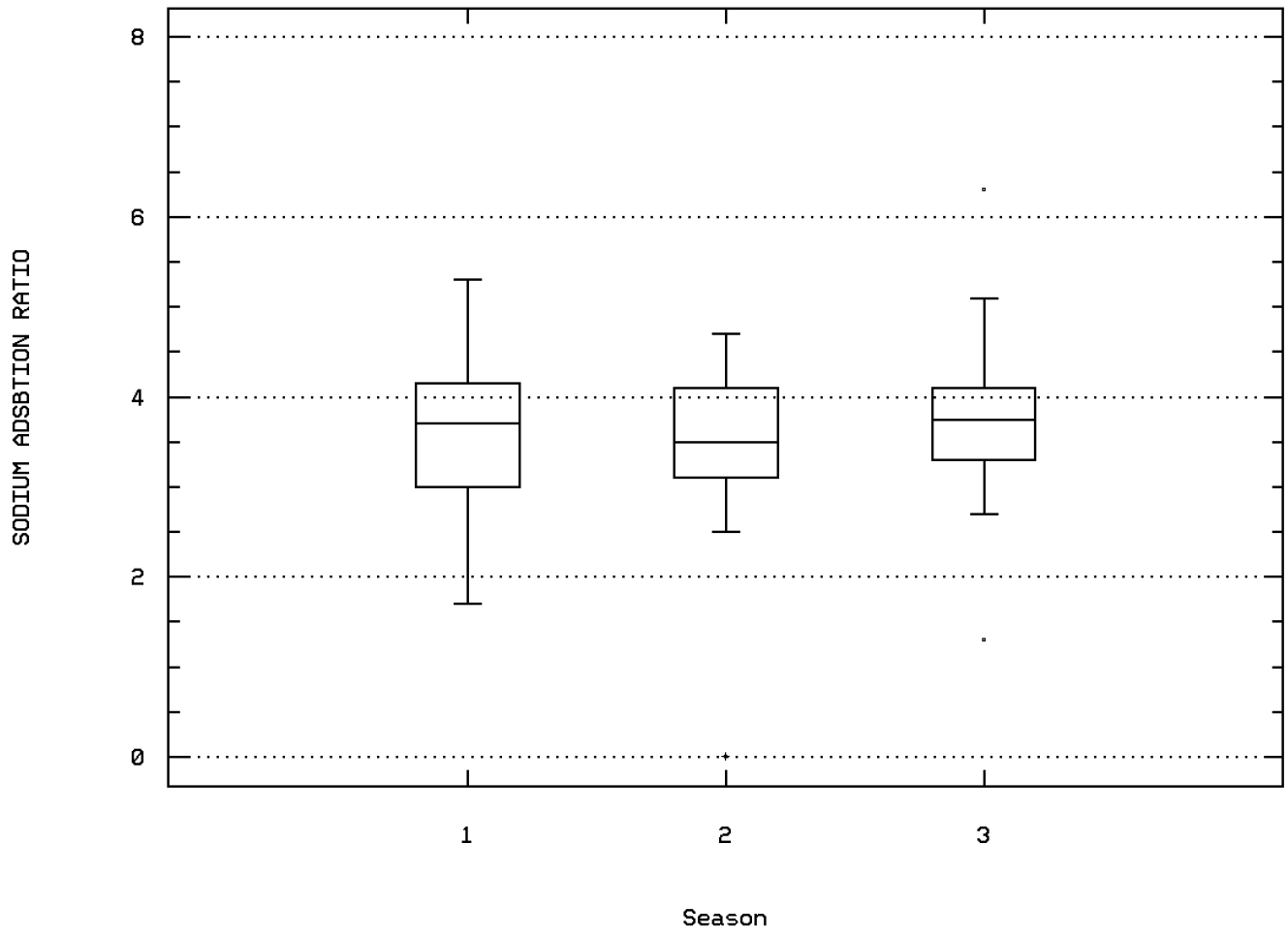
SODIUM, DISSOLVED (MG/L AS NA)



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00931

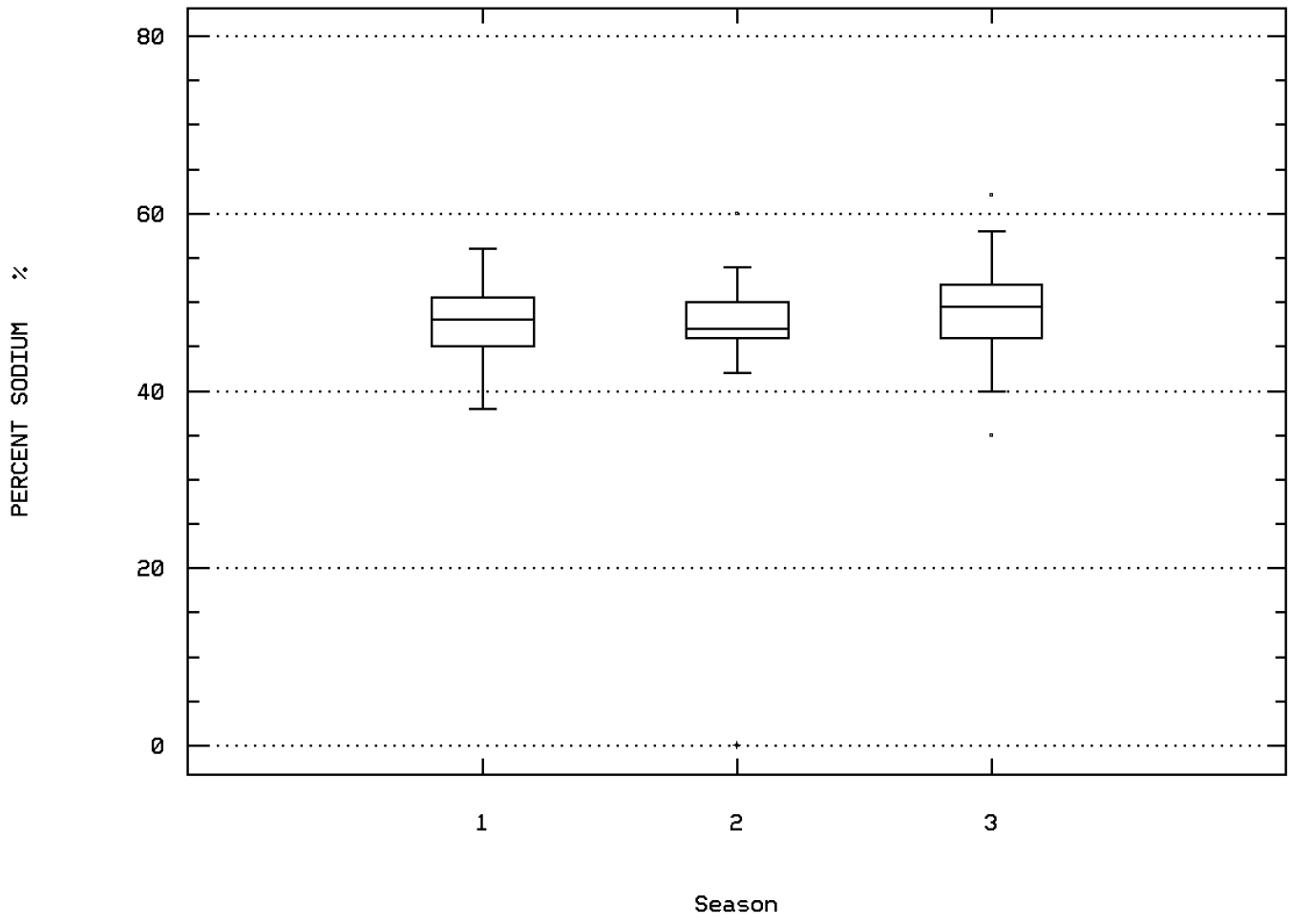
SODIUM ADSORPTION RATIO



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00932

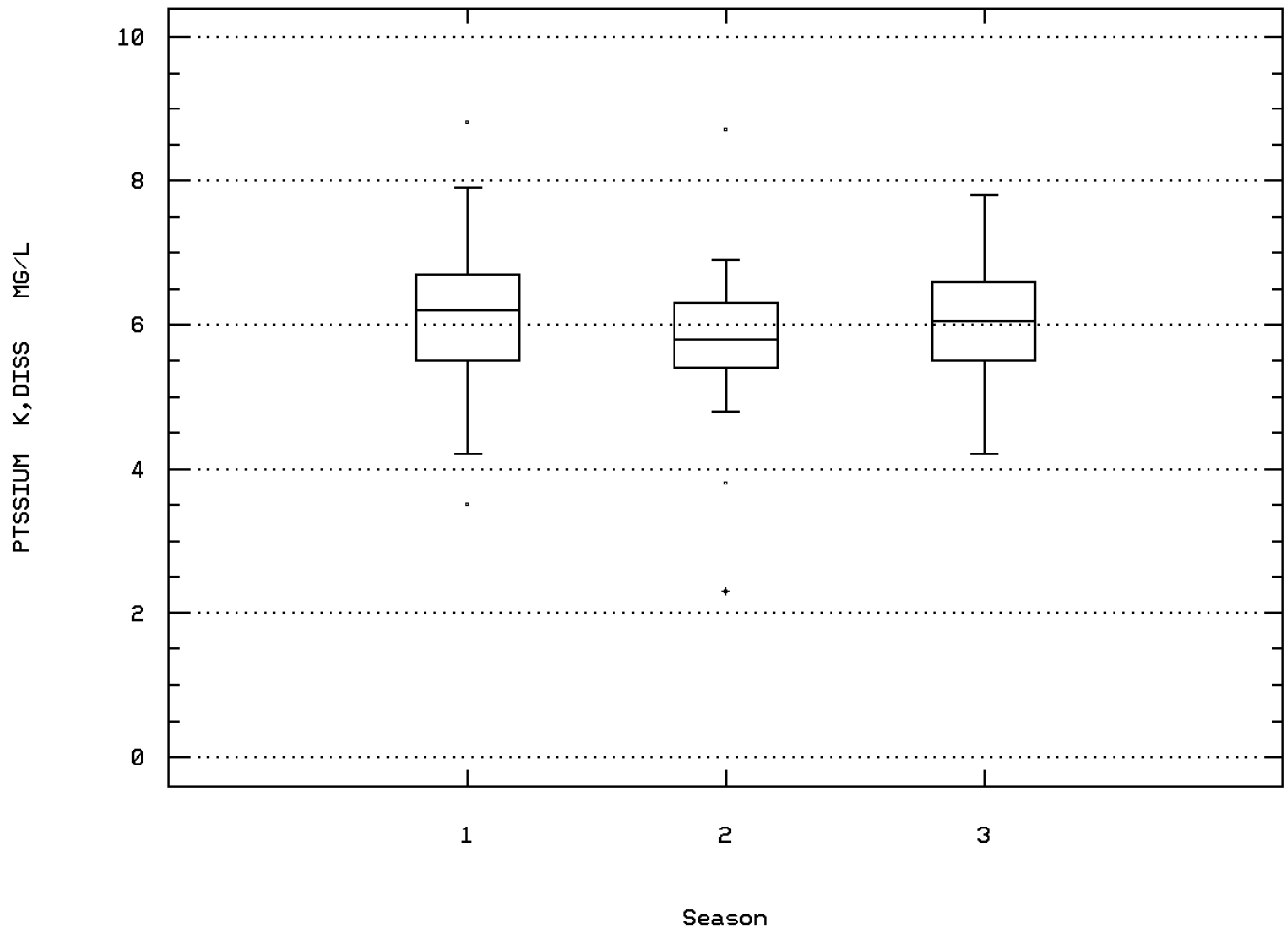
SODIUM, PERCENT



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00935

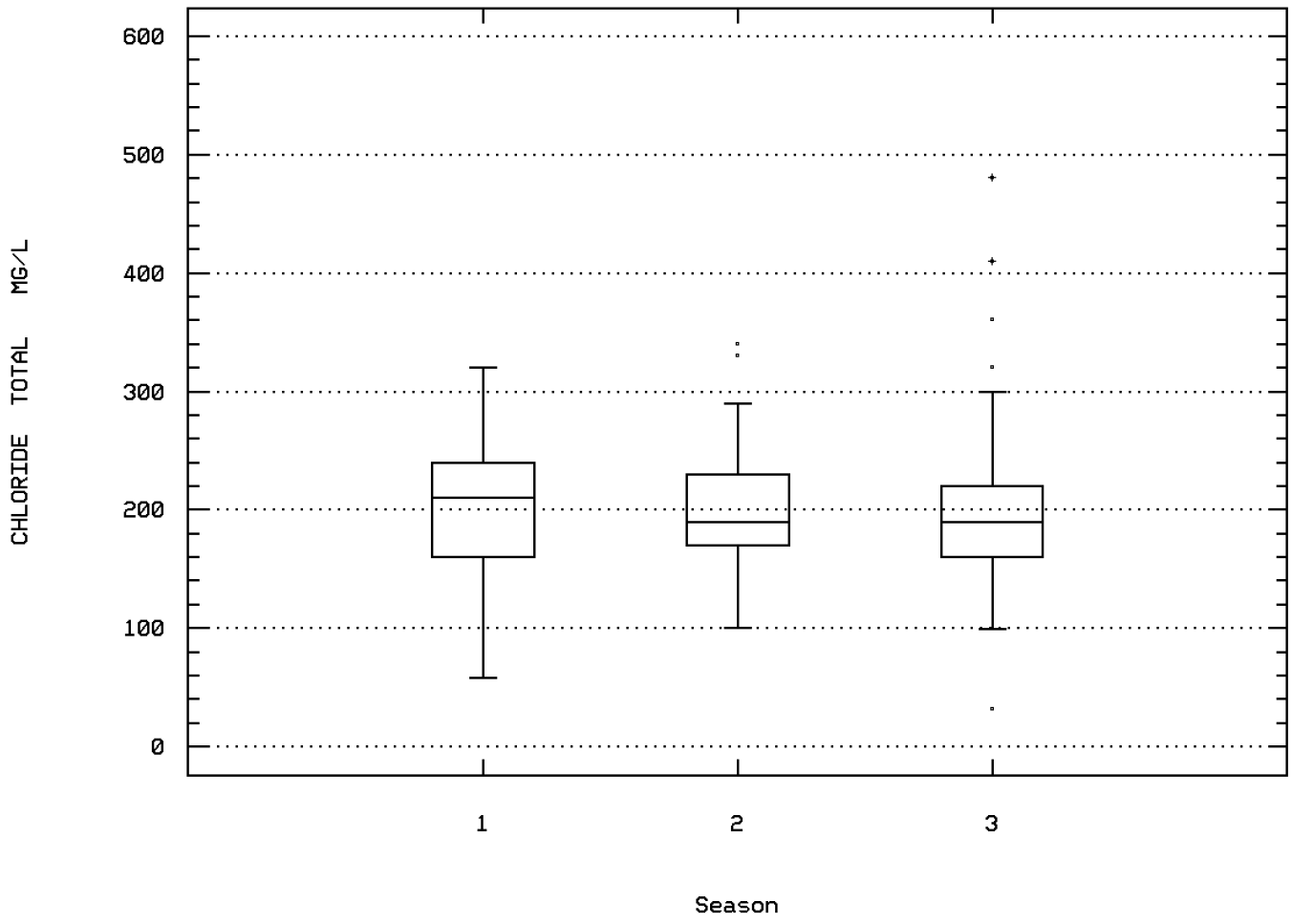
POTASSIUM, DISSOLVED (MG/L AS K)



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00940

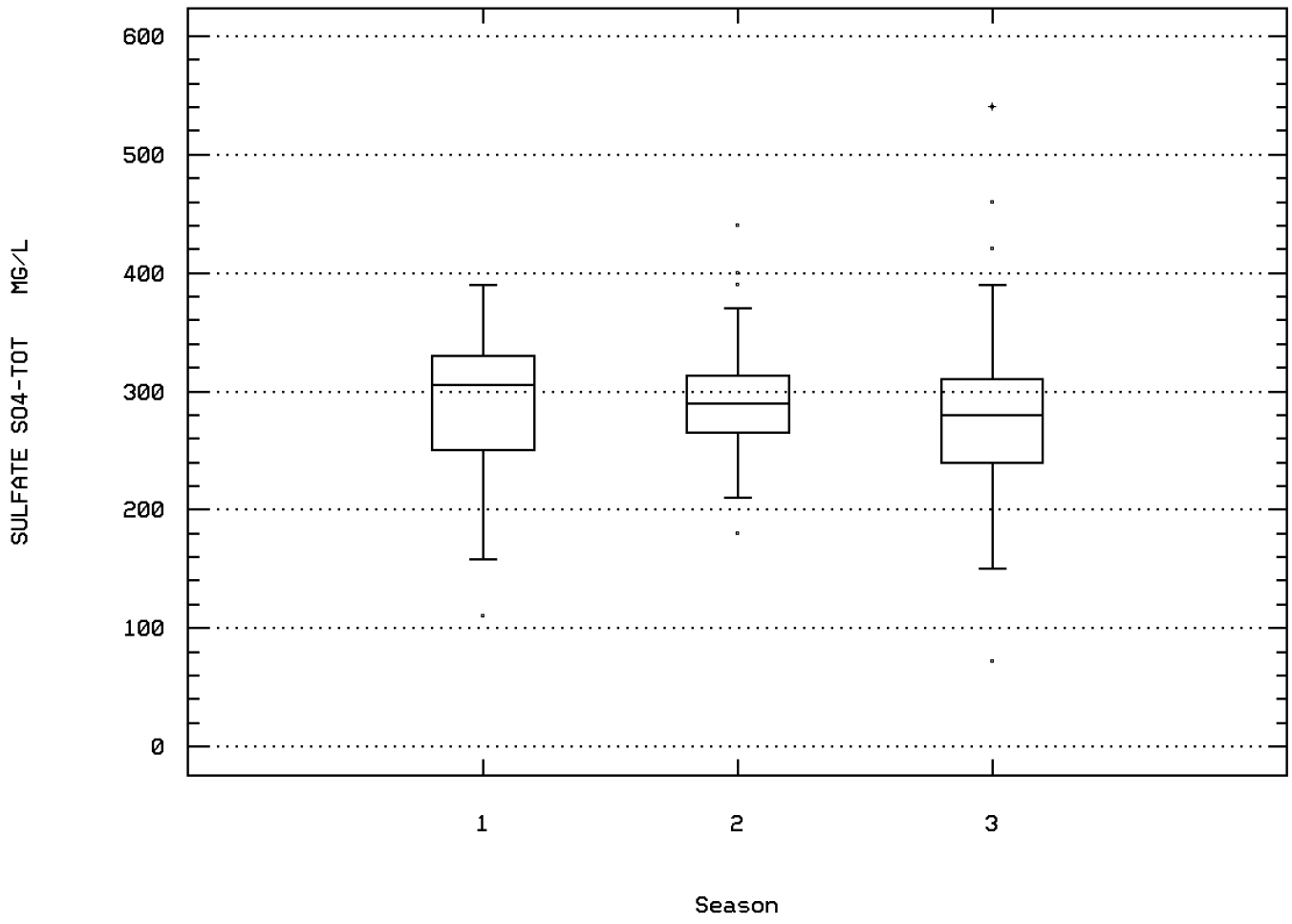
CHLORIDE,TOTAL IN WATER



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00945

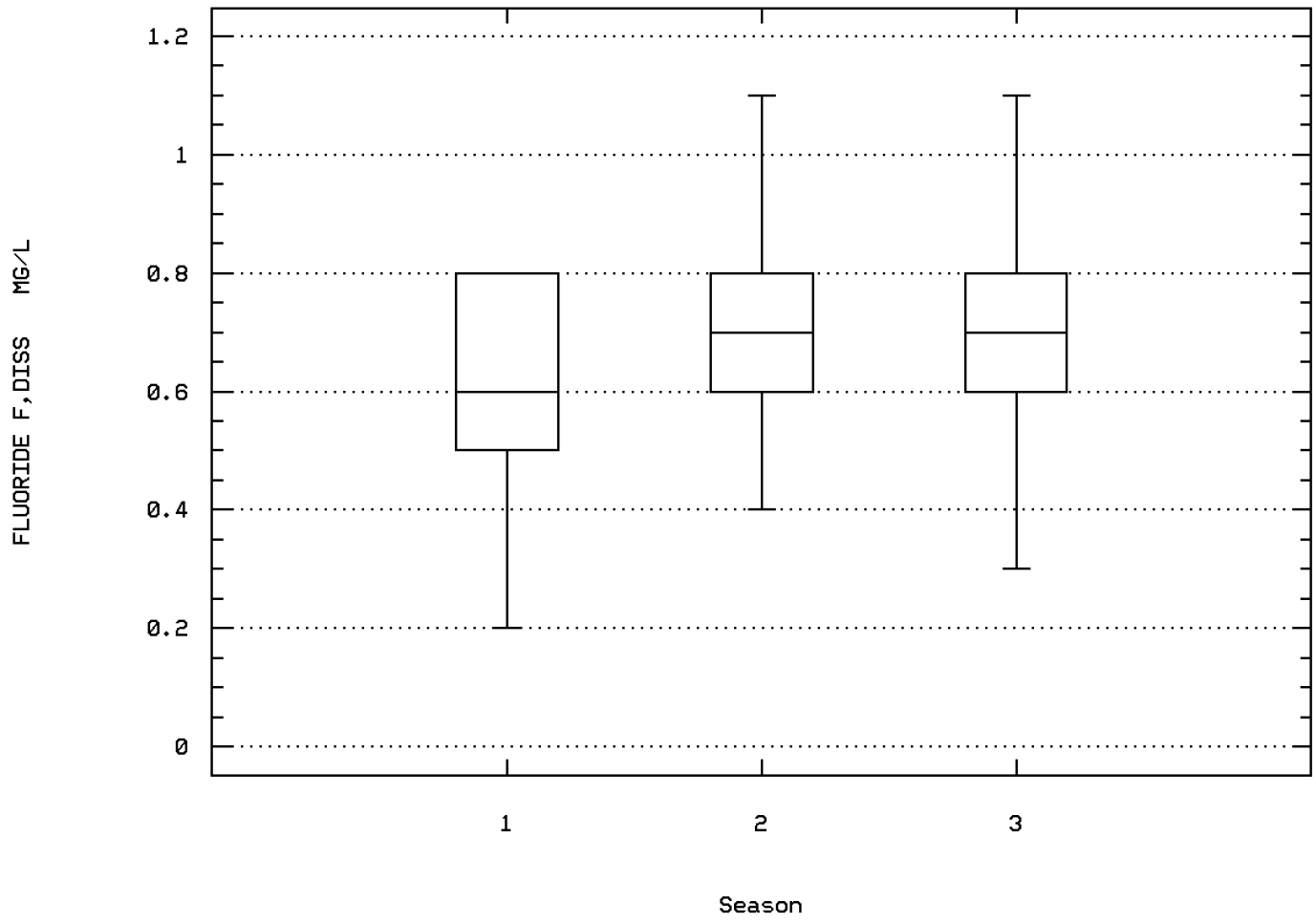
SULFATE, TOTAL (MG/L AS SO4)



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00950

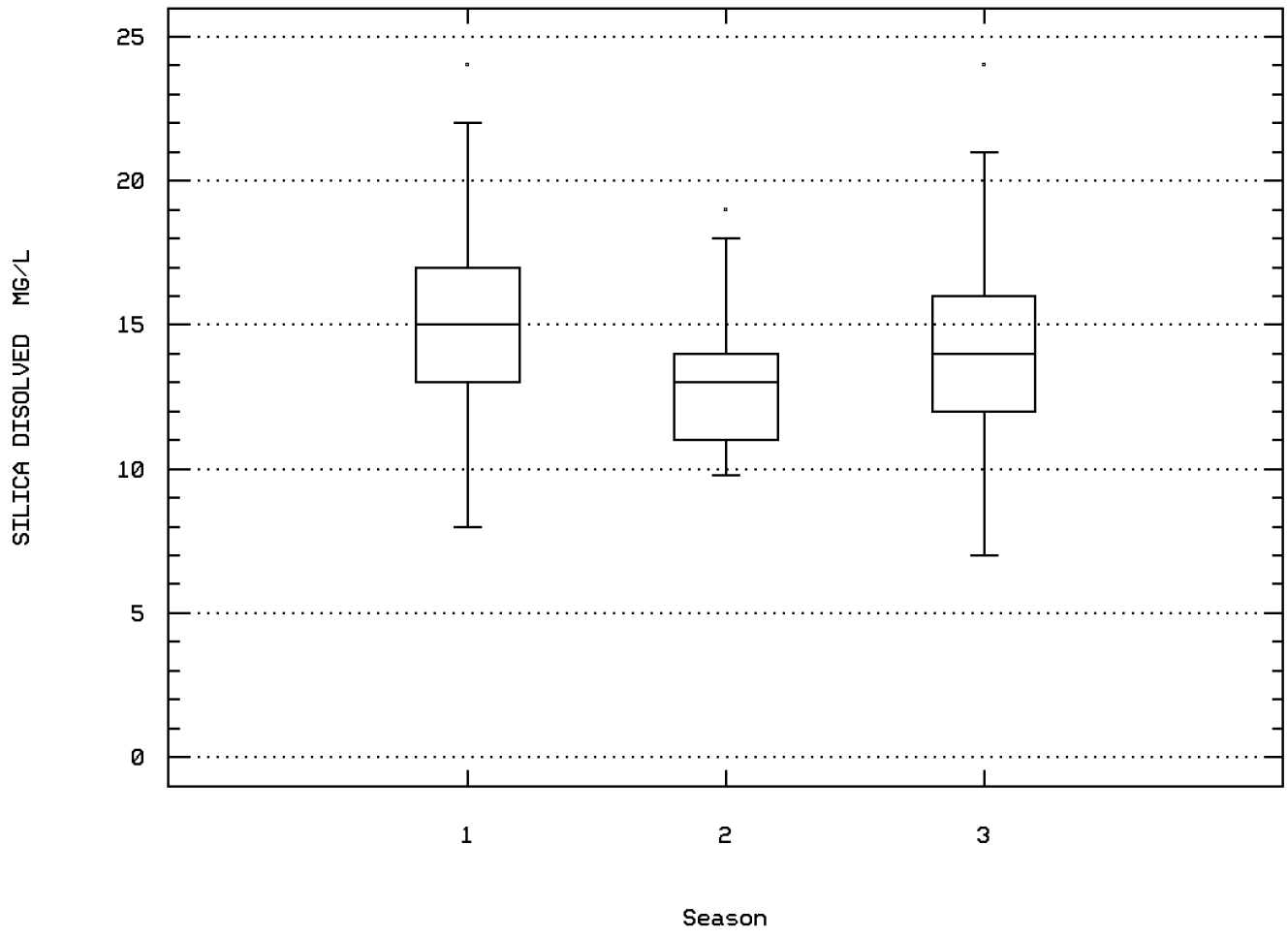
FLUORIDE, DISSOLVED (MG/L AS F)



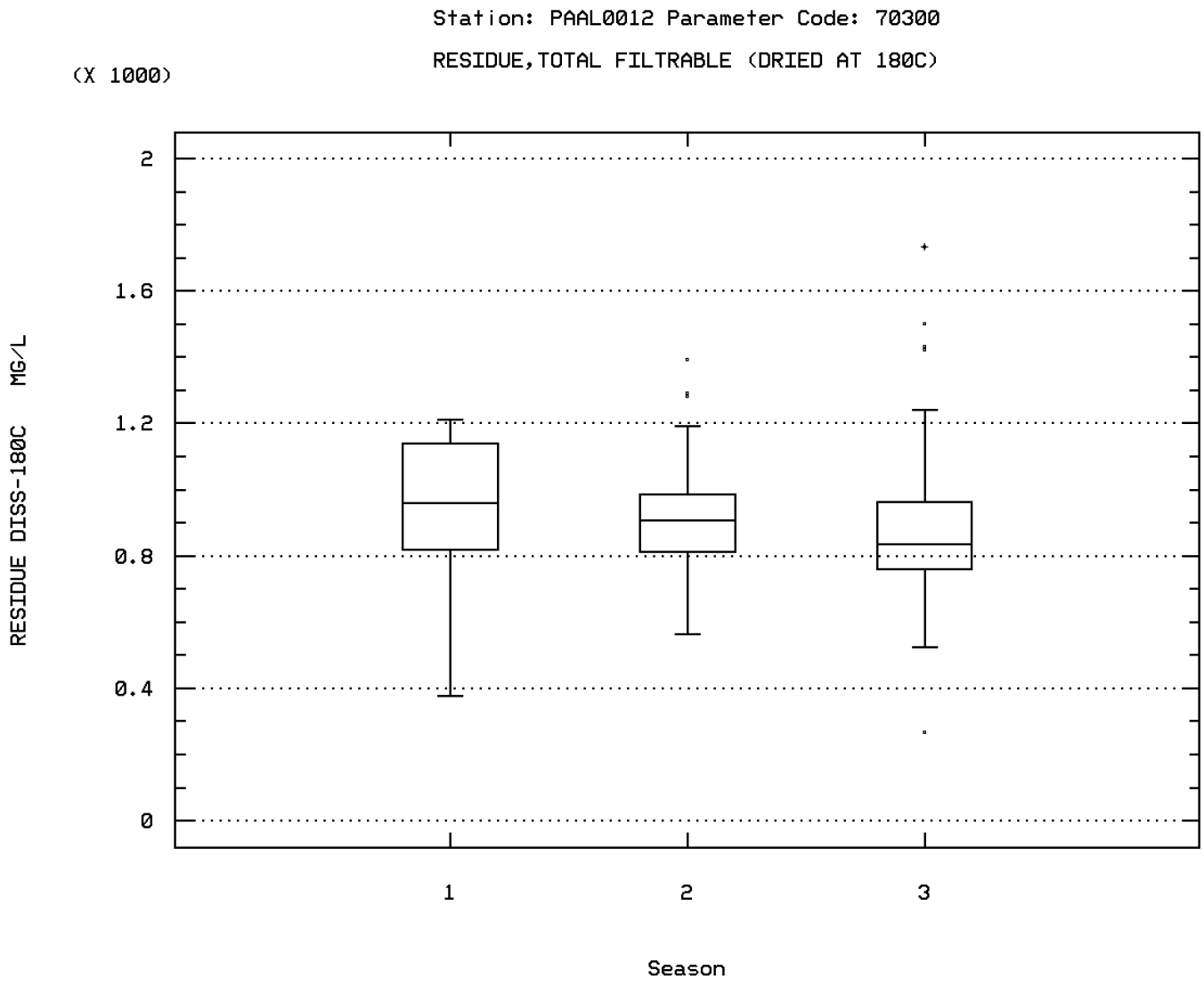
RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 00955

SILICA, DISSOLVED (MG/L AS SI02)



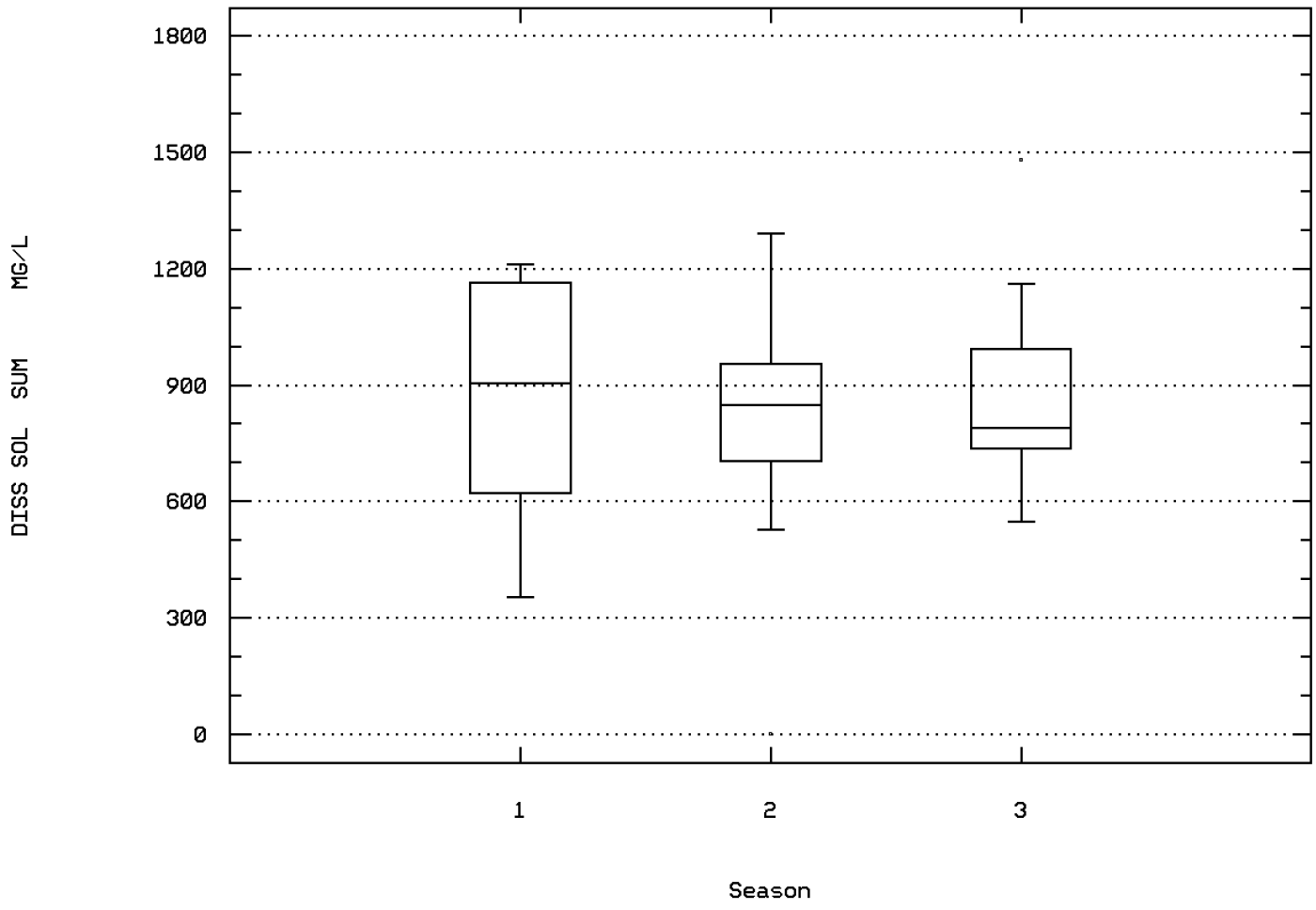
RIO GRANDE NR BROWNSVILLE, TX



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 70301

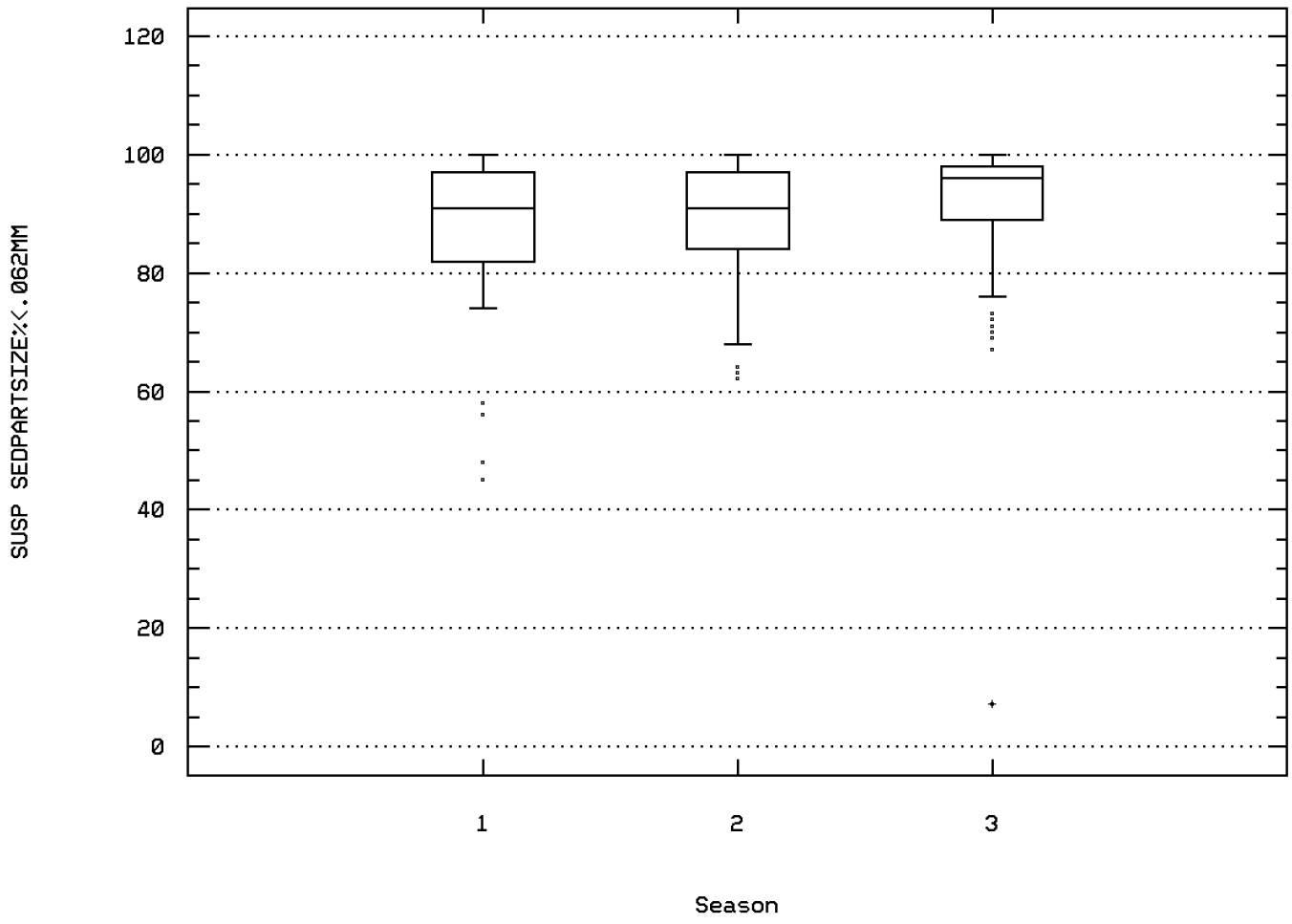
SOLIDS, DISSOLVED-SUM OF CONSTITUENTS (



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 70331

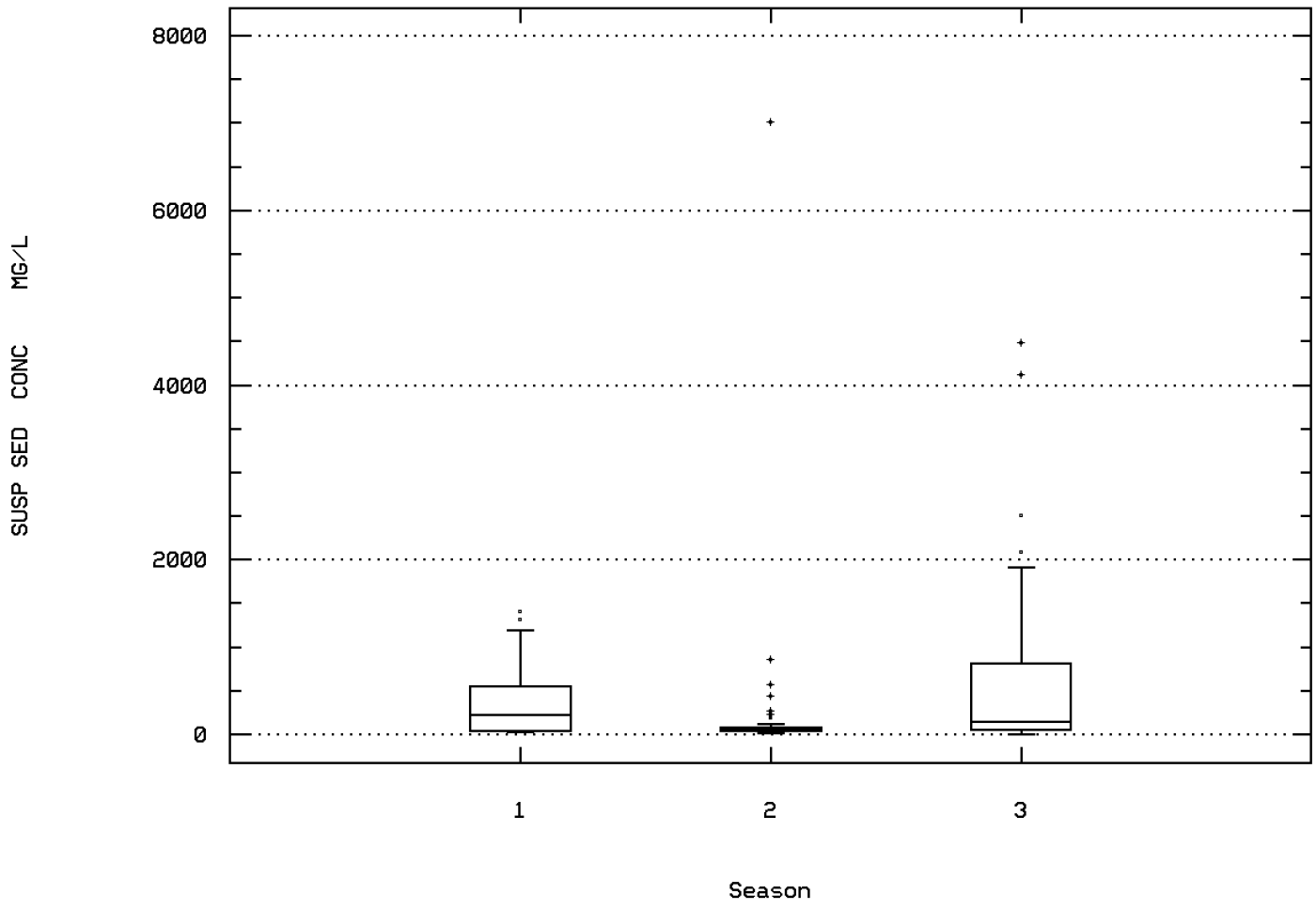
SUSPENDED SED SIEVE DIAMETER,% FINER TH



RIO GRANDE NR BROWNSVILLE, TX

Station: PAAL0012 Parameter Code: 80154

SUSP. SEDIMENT CONCENTRATION-EVAP. AT 1



RIO GRANDE NR BROWNSVILLE, TX

Station Inventory for Station: PAAL0013

NPS Station ID: PAAL0013 LAT/LON: 25.896671/ -97.496670 Agency: 21TEXWR Date Created: 10/06/79
Location: RIO GRANDE INT BRIDGE ON US 77 AT BROWNSVILLE FIPS State/County: 48061 TEXAS/CAMERON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 23020100 /2301 2
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 13090002 Depth of Water: 0 Aquifer:
Major Basin: WESTERN GULF Elevation: 0 Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER ECO Region:
RF1 Index: 13090002001 RF1 Mile Point: 51.710 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: PAAL0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00032	CLOUD COVER (PERCENT)	09/30/76-03/14/78	7	50.	52.857	100.	0.	923.81	30.394	**	**	**	**
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	03/07/73-06/12/78	46	600.	611.478	1035.	384.	15023.366	122.57	467.	522.	681.25	764.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Annual Analysis for 1973 - Station PAAL0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	03/07/73-06/12/78	10	579.	599.8	750.	500.	8482.178	92.099	500.8	518.5	700.	745.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1974 - Station PAAL0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	03/07/73-06/12/78	10	632.5	654.	1035.	500.	22837.778	151.122	505.	557.5	692.5	1006.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1975 - Station PAAL0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	03/07/73-06/12/78	12	605.	602.833	775.	384.	12987.242	113.962	409.8	517.5	685.	770.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1976 - Station PAAL0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	03/07/73-06/12/78	10	570.	607.1	840.	445.	23754.1	154.124	445.1	456.5	768.75	838.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1977 - Station PAAL0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	03/07/73-06/12/78	3	545.	581.667	660.	540.	4608.333	67.885	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station PAAL0013

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
70295	RESIDUE,TOTAL FILTRABLE (DRIED AT ANY TEMP),MG/L	03/07/73-06/12/78	1	540.	540.	540.	540.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: PAAL0014

NPS Station ID: PAAL0014
LAT/LON: 26.000005/ -97.497505
Agency: 11POX06
Date Created: 09/11/82
Location: RIO GRANDE RIVER NEAR BROWNSVILLE
FIPS State/County: 48061 TEXAS/CAMERON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): TOX093
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13090002
Depth of Water: 0
Aquifer:
Major Basin: WESTERN GULF
Elevation: 0
Water Body Id:
Minor Basin: RIO GRANDE BELOW PECOS RIVER
ECO Region:
RF1 Index: 13090002001
RF1 Mile Point: 58.140
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:

Parameter Inventory for Station: PAAL0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00720	CYANIDE, TOTAL (MG/L AS CN) MG/L	04/08/81-04/08/81	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
00721	CYANIDE IN BOTTOM DEPOSITS (MG/KG AS CN DRY WGT)	04/08/81-04/08/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01012	BERYLLIUM, TOTAL (UG/L AS BE)	04/08/81-04/08/81	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01013	BERYLLIUM IN BOTTOM DEPOSITS(MG/KG AS BE DRY WGT)	04/08/81-04/08/81	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	04/08/81-04/08/81	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/81-04/08/81	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/81-04/08/81	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	04/08/81-04/08/81	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	04/08/81-04/08/81	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	04/08/81-04/08/81	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	04/08/81-04/08/81	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	04/08/81-04/08/81	1	25.	25.	25.	25.	0.	0.	**	**	**	**
01059	THALLIUM, TOTAL (UG/L AS TL)	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	04/08/81-04/08/81	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	04/08/81-04/08/81	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	04/08/81-04/08/81	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	04/08/81-04/08/81	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	04/08/81-04/08/81	1	22.	22.	22.	22.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	04/08/81-04/08/81	1	515.	515.	515.	515.	0.	0.	**	**	**	**
01097	ANTIMONY, TOTAL (UG/L AS SB)	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01098	ANTIMONY IN BOTTOM DEPOSITS (MG/KG AS SB DRY WGT)	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32103	1,2-DICHLOROETHANE,WHOLE WATER,UG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32105	DIBROMOCHLOROMETHANE,WHOLE WATER,UG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	04/08/81-04/08/81	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
32731	PHENOLICS IN BOTTOM DEPOSITS (MG/KG DRY WGT)	04/08/81-04/08/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34208	ACENAPHTHENE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34210	ACROLEIN TOTWUG/L	04/08/81-04/08/81	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34213	ACROLEIN DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	5000.	5000.	5000.	5000.	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	04/08/81-04/08/81	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34218	ACRYLONITRILE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34257	B-BHC-BETA DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	04/08/81-04/08/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34262	DELTA BENZENE HEXACHLORIDE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34268	BIS (CHLOROMETHYL) ETHER TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34271	BIS (CHLOROMETHYL) ETHER DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34304	CHLOROBENZENE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34314	CHLOROETHANE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34334	DICHLORODIFLUOROMETHANE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	04/08/81-04/08/81	1	2730.	2730.	2730.	2730.	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	04/08/81-04/08/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34356	ENDOSULFAN, BETA TOTWUG/L	04/08/81-04/08/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34361	ENDOSULFAN, ALPHA TOTWUG/L	04/08/81-04/08/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34366	ENDRIN ALDEHYDE TOTWUG/L	04/08/81-04/08/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
34369	ENDRIN ALDEHYDE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34413	METHYL BROMIDE TOTWUG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34416	METHYL BROMIDE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34418	METHYL CHLORIDE TOTWUG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34421	METHYL CHLORIDE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34480	THALLIUM DRY WGTBOTMG/KG	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34488	TRICHLOROFLUOROMETHANE TOTWUG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34491	TRICHLOROFLUOROMETHANE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	04/08/81-04/08/81	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34594	2-NITROPHENOL DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	04/08/81-04/08/81	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	04/08/81-04/08/81	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	04/08/81-04/08/81	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	1250.	1250.	1250.	1250.	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	04/08/81-04/08/81	1 ##	12.5	12.5	12.5	12.5	0.	0.	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	1250.	1250.	1250.	1250.	0.	0.	**	**	**	**
34668	DICHLORODIFUOROMETHANE TOTWUG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34678	2,3,7,8-TETRACHLORODIBENZO-P-DIOXINDRY WGTBOTUG/KG	04/08/81-04/08/81	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	04/08/81-04/08/81	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	04/08/81-04/08/81	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	04/08/81-04/08/81	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	04/08/81-04/08/81	1	545.	545.	545.	545.	0.	0.	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	04/08/81-04/08/81	1	1042.	1042.	1042.	1042.	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	04/08/81-04/08/81	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	04/08/81-04/08/81	1 ##	1000.	1000.	1000.	1000.	0.	0.	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39301	P,P' DDT IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/81-04/08/81	1	13.3	13.3	13.3	13.3	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/81-04/08/81	1	38.7	38.7	38.7	38.7	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	04/08/81-04/08/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	04/08/81-04/08/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	04/08/81-04/08/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	04/08/81-04/08/81	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39359	DDT SUM ANALOGS IN SEDIMENT UG/KG DRY WEIGHT	04/08/81-04/08/81	1 ##	15.	15.	15.	15.	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	04/08/81-04/08/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	04/08/81-04/08/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	04/08/81-04/08/81	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	04/08/81-04/08/81	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0014

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	04/08/81-04/08/81	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	04/08/81-04/08/81	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	04/08/81-04/08/81	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	04/08/81-04/08/81	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	04/08/81-04/08/81	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	04/08/81-04/08/81	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	04/08/81-04/08/81	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	04/08/81-04/08/81	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE(UG/L)	04/08/81-04/08/81	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	04/08/81-04/08/81	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	04/08/81-04/08/81	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81948	ANTHRACENE&PHENANTHRENE SEDIMENT DRY WEIGHT UG/KG	04/08/81-04/08/81	1 ##	250.	250.	250.	250.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: PAAL0014

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-9/30 Obs	4/01-9/30 Exceed	4/01-9/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00720	CYANIDE, TOTAL	Fresh Acute	0.022	1	0	0.00							1	0	0.00			
		Drinking Water	0.2	1	0	0.00							1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	0 &	0	0.00												
01027	CADMIUM, TOTAL	Fresh Acute	3.9	0 &	0	0.00												
		Drinking Water	5.	0 &	0	0.00												
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	2.	0 &	0	0.00												
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01097	ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00							1	0	0.00			
		Drinking Water	6.	1	0	0.00							1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	1	0	0.00							1	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: PAAL0014

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------10/01-11/30---------- Obs	Exceed	Prop.	----------12/01-3/31---------- Obs	Exceed	Prop.	----------4/01-9/30---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	1	0	0.00							1	0	0.00			
		Drinking Water	1000.	1	0	0.00							1	0	0.00			
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	1	0	0.00							1	0	0.00			
34210	ACROLEIN, TOTAL	Fresh Acute	68.	0 &	0	0.00												
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00							1	0	0.00			
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	1	0	0.00							1	0	0.00			
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	1	0	0.00							1	0	0.00			
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	1	0	0.00							1	0	0.00			
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	1	0	0.00							1	0	0.00			
		Drinking Water	700.	1	0	0.00							1	0	0.00			
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	1	0	0.00							1	0	0.00			
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	1	0	0.00							1	0	0.00			
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	1	0	0.00							1	0	0.00			
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	1	0	0.00							1	0	0.00			
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	1	0	0.00							1	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	1	0	0.00							1	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	1	0	0.00							1	0	0.00			
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	1	0	0.00							1	0	0.00			
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	1	0	0.00							1	0	0.00			
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	1	0	0.00							1	0	0.00			
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	1	0	0.00							1	0	0.00			
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	1	0	0.00							1	0	0.00			
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	1	0	0.00							1	0	0.00			
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	1	0	0.00							1	0	0.00			
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	1	0	0.00							1	0	0.00			
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	1	0	0.00							1	0	0.00			
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	1	0	0.00							1	0	0.00			
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	1	0	0.00							1	0	0.00			
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	1	0	0.00							1	0	0.00			
		Drinking Water	6.	1	0	0.00							1	0	0.00			
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	1	0	0.00							1	0	0.00			
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00							1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00							1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	1	0	0.00							1	0	0.00			
		Drinking Water	1.	0 &	0	0.00												
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	1	0	0.00							1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: PAAL0015

NPS Station ID: PAAL0015 LAT/LON: 25.898615/ -97.497505 Agency: 21TXWQB Date Created: 06/28/97
Location: RIO GRANDE INTERNATIONAL BRIDGE ON US 77 AT BROW FIPS State/County: 48061 TEXAS/CAMERON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 13178
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 12110208 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: Rio Grande River Basin ECO Region: 31M
RF1 Index: 12110208 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
RIO GRANDE INTERNATIONAL BRIDGE ON US 77 AT BROWNSVILLE

Parameter Inventory for Station: PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	251	1.	1.068	8.	1.	0.311	0.558	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	240	25.4	24.053	32.1	5.	30.802	5.55	15.91	20.35	28.8	30.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/04/68-12/09/85	154	78.	75.108	88.	41.	109.	10.44	59.2	68.3	83.8	86.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/03/74-12/08/92	80	160.	596.575	7970.	3.	1710130.02	1307.719	41.	100.	410.	1248.5
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/04/68-03/29/79	102	45.	76.01	500.	0.	7623.832	87.315	20.3	30.	72.	173.5
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/22/81-12/02/81	2	43.5	43.5	54.	33.	220.5	14.849	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/11/82-04/16/90	84	10.	10.095	21.	4.	8.738	2.956	7.	8.	12.	14.
00078	TRANSPARENCY, SECCHI DISC (METERS)	06/06/89-12/08/92	34	0.25	0.27	0.6	0.05	0.013	0.113	0.15	0.21	0.3	0.43
00080	COLOR (PLATINUM-COBALT UNITS)	10/22/81-12/02/81	2	7.5	7.5	10.	5.	12.5	3.536	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/73-12/08/92	187	1350.	1369.893	2400.	724.	101962.73	319.316	1000.	1136.	1614.	1790.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/68-09/09/87	138	1574.	1607.239	2919.	720.	162327.234	402.899	1137.1	1326.75	1827.	2114.2
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	239	8.1	8.313	14.1	4.2	2.628	1.621	6.5	7.1	9.3	10.6
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	10/22/81-12/02/81	2	99.	99.	100.	98.	2.	1.414	**	**	**	**
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-12/08/92	131	2.5	3.041	21.	0.25	5.044	2.246	1.	2.	4.	5.4
00400p	PH (STANDARD UNITS)	10/02/69-12/08/92	199	8.	7.925	9.2	4.4	0.293	0.541	7.3	7.7	8.2	8.4
00400p	CONVERTED PH (STANDARD UNITS)	10/02/69-12/08/92	199	8.	6.644	9.2	4.4	1.941	1.393	7.3	7.7	8.2	8.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/69-12/08/92	199	0.01	0.227	39.811	0.001	7.958	2.821	0.004	0.006	0.02	0.05
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/87	134	8.	8.03	8.8	7.3	0.057	0.239	7.8	7.9	8.2	8.3
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/87	134	8.	7.963	8.8	7.3	0.062	0.248	7.8	7.9	8.2	8.3
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/87	134	0.01	0.011	0.05	0.002	0.	0.007	0.005	0.006	0.013	0.016
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/69-12/08/92	132	144.	148.462	246.	8.	1112.388	33.352	113.3	128.	166.	190.1
00480	SALINITY - PARTS PER THOUSAND	06/01/92-06/01/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	12/09/91-08/12/92	4	24900.	23825.	39100.	6400.	180182500.	13423.208	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/02/72-12/08/92	166	48.	111.151	3030.	5.	77004.783	277.497	24.	32.75	70.25	177.8
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/02/72-12/08/92	165	9.	13.588	213.	0.	409.363	20.233	4.	6.	13.	22.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10/22/81-12/02/81	2	67.	67.	96.	38.	1682.	41.012	**	**	**	**
00557	OIL & GREASE,SED,DRY WT,FREON EXTR-GRAV METH,MG/KG	08/12/92-08/12/92	1	136.	136.	136.	136.	0.	0.	**	**	**	**
00561	OIL & GREASE, SED, DRY WT,FREON EXTR-IR METH,MG/KG	12/09/91-06/01/92	3	110.	138.167	280.	24.5	16915.083	130.058	**	**	**	**
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	10/22/81-10/22/81	1	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/02/72-12/08/92	164	0.04	0.058	0.4	0.01	0.004	0.062	0.01	0.02	0.07	0.12
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/03/82-06/01/92	18	0.018	0.044	0.2	0.005	0.003	0.056	0.01	0.01	0.063	0.155
00620p	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/02/72-06/01/92	114	0.08	0.166	0.91	0.005	0.04	0.2	0.005	0.01	0.283	0.49
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	10/22/81-12/02/81	2	0.66	0.66	0.69	0.63	0.002	0.042	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	12/09/91-08/12/92	4	452.5	456.75	796.	126.	74878.25	273.639	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	10/22/81-09/09/85	3	0.14	0.107	0.16	0.02	0.006	0.076	**	**	**	**
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/02/72-07/17/85	81	0.24	0.46	3.7	0.03	0.395	0.629	0.132	0.15	0.375	1.174

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/17/73-09/09/85	74 ##	0.023	0.047	0.34	0.015	0.003	0.056	0.015	0.015	0.06	0.12
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/72-12/08/92	166	0.09	0.131	1.2	0.01	0.023	0.151	0.05	0.07	0.13	0.22
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	12/09/91-08/12/92	4	512.5	450.	620.	155.	46350.	215.291	**	**	**	**
00671p	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/73-06/01/92	109	0.01	0.029	0.25	0.005	0.002	0.043	0.005	0.005	0.04	0.07
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/14/74-12/08/92	152	5.	5.872	33.	1.	10.227	3.198	4.	5.	6.	8.
00747	SULFIDE IN BOTTOM DEPOSITS MG/KG	06/01/92-08/12/92	2 ##	27.525	27.525	55.	0.05	1509.751	38.856	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/09/91-08/12/92	4	256.5	272.	325.	250.	1258.	35.468	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	207	190.	194.053	380.	68.	3581.196	59.843	123.8	150.	228.	281.4
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/29/72-06/30/77	47	171.	177.596	360.	83.	4207.203	64.863	99.	125.	201.	266.4
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	200	283.5	276.055	510.	2.	5489.228	74.089	197.4	239.	319.	349.7
01000	ARSENIC, DISSOLVED (UG/L AS AS)	12/09/91-06/01/92	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01002	ARSENIC, TOTAL (UG/L AS AS)	08/12/92-08/12/92	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/09/91-08/12/92	4	4.15	4.05	5.6	2.3	2.03	1.425	**	**	**	**
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	08/12/92-08/12/92	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	03/09/92-06/01/92	2	93.5	93.5	95.	92.	4.5	2.121	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	12/09/91-06/01/92	3	124.	131.333	163.	107.	824.333	28.711	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	12/09/91-06/01/92	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01027	CADMIUM, TOTAL (UG/L AS CD)	08/12/92-08/12/92	1 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/09/91-08/12/92	4 ##	0.5	0.463	0.55	0.3	0.012	0.111	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/09/91-08/12/92	4	6.45	6.35	12.	0.5	22.537	4.747	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	12/09/91-06/01/92	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01034	CHROMIUM, TOTAL (UG/L AS CR)	08/12/92-08/12/92	1 ##	3.5	3.5	3.5	3.5	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	12/09/91-06/01/92	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01042	COPPER, TOTAL (UG/L AS CU)	08/12/92-08/12/92	1	9.	9.	9.	9.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/09/91-08/12/92	4	5.7	4.875	7.6	0.5	10.809	3.288	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	03/09/92-06/01/92	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	12/09/91-06/01/92	3 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01051	LEAD, TOTAL (UG/L AS PB)	08/12/92-08/12/92	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/09/91-08/12/92	4	10.05	16.875	44.	3.4	339.369	18.422	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	12/09/91-08/12/92	4	214.	198.3	282.	83.2	7401.56	86.032	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	03/09/92-06/01/92	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	03/09/92-06/01/92	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	12/09/91-06/01/92	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01067	NICKEL, TOTAL (UG/L AS NI)	08/12/92-08/12/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/09/91-08/12/92	4	5.65	5.5	8.9	1.8	8.713	2.952	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	12/09/91-06/01/92	3 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01077	SILVER, TOTAL (UG/L AS AG)	08/12/92-08/12/92	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	12/09/91-08/12/92	4 ##	0.4	0.4	0.5	0.3	0.008	0.091	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	12/09/91-06/01/92	3 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01092	ZINC, TOTAL (UG/L AS ZN)	08/12/92-08/12/92	1	56.	56.	56.	56.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/09/91-08/12/92	4	48.	41.4	61.	8.6	532.373	23.073	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	03/09/92-06/01/92	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	12/09/91-06/01/92	3 ##	5.	5.333	10.	1.	20.333	4.509	**	**	**	**
01147	SELENIUM, TOTAL (UG/L AS SE)	08/12/92-08/12/92	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	12/09/91-08/12/92	4 ##	0.7	0.6	0.95	0.05	0.148	0.385	**	**	**	**
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	08/12/92-08/12/92	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE, UG/L	12/09/91-08/12/92	4 ##	2.5	3.125	5.	2.5	1.563	1.25	**	**	**	**
30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE, UG/L	12/09/91-08/12/92	4 ##	2.5	3.125	5.	2.5	1.563	1.25	**	**	**	**
31501	COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,35C	03/29/79-12/29/83	8	1550.	2362.5	5900.	600.	4008392.857	2002.097	**	**	**	**
31501	LOG COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,	03/29/79-12/29/83	8	3.188	3.241	3.771	2.778	0.131	0.362	**	**	**	**
31501	GM COLIFORM,TOT,MEMBRANE FILTER,IMMED.M-ENDO MED,3	GEOMETRIC MEAN =			1742.329								
31505	COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506)	05/15/72-04/23/76	6	1545.	4814.167	18000.	5.	48096204.167	6935.143	**	**	**	**
31505	LOG COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 3150	05/15/72-04/23/76	6	3.13	2.993	4.255	0.699	1.547	1.244	**	**	**	**
31505	GM COLIFORM,TOT,MPN,CONFIRMED TEST,35C (TUBE 31506	GEOMETRIC MEAN =			983.378								
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	138	220.	479.855	5900.	10.	815958.957	903.304	53.6	100.	480.	900.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	138	2.342	2.348	3.771	1.	0.26	0.51	1.729	2.	2.681	2.954
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			222.995								
31619	FECAL COLIFORM,MPN,BORIC ACID LACTOSE BR,43C,48HR	05/15/72-03/07/73	5	230.	572.4	1700.	63.	484750.3	696.24	**	**	**	**
31619	LOG FECAL COLIFORM,MPN,BORIC ACID LACTOSE BR,43C,4	05/15/72-03/07/73	5	2.362	2.437	3.23	1.799	0.386	0.621	**	**	**	**
31619	GM FECAL COLIFORM,MPN,BORIC ACID LACTOSE BR,43C,48	GEOMETRIC MEAN =			273.75								
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	10/22/81-12/02/81	2	137.	137.	250.	24.	25538.	159.806	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	10/22/81-12/02/81	2	1.889	1.889	2.398	1.38	0.518	0.72	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			77.46								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	12/09/91-08/12/92	4 ##	1.	1.025	1.1	1.	0.003	0.05	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12/09/91-08/12/92	4 ##	1.	1.1	1.4	1.	0.04	0.2	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	12/09/91-08/12/92	4 ##	1.	1.338	2.35	1.	0.456	0.675	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	12/09/91-08/12/92	4 ##	1.	0.95	1.	0.8	0.01	0.1	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/02/72-06/01/92	102	16.	18.375	118.	0.5	278.202	16.679	4.48	9.	22.	32.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/30/76-06/01/92	81	3.	4.481	34.7	0.	30.119	5.488	1.	1.	5.	11.6
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/09/91-08/12/92	4 ##	1.	1.5	3.	1.	1.	1.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/09/91-08/12/92	4 ##	1.	1.3	2.2	1.	0.36	0.6	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.425	2.5	2.2	0.022	0.15	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34204	ACENAPHTHYLENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.175	2.5	1.2	0.423	0.65	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34209	ACENAPHTHENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	06/01/92-08/12/92	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34218	ACRYLONITRILE DRY WGTBOTUG/KG	06/01/92-06/01/92	1 ##	850.	850.	850.	850.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.175	2.5	1.2	0.423	0.65	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34224	ANTHRACENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	12/09/91-08/12/92	4 ##	2.5	2.625	3.	2.5	0.063	0.25	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	200.	163.125	250.	2.5	12022.396	109.647	**	**	**	**
34238	BENZENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	12/09/91-08/12/92	4 ##	2.5	2.263	2.5	1.55	0.226	0.475	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.263	2.5	1.55	0.226	0.475	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34251	BENZO-A-PYRENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34258	B-BHC-BETA WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	06/01/92-08/12/92	2 ##	0.03	0.03	0.045	0.015	0.	0.021	**	**	**	**
34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.763	3.55	2.5	0.276	0.525	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.7	3.3	2.5	0.16	0.4	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.763	3.55	2.5	0.276	0.525	**	**	**	**
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	200.	163.125	250.	2.5	12022.396	109.647	**	**	**	**
34291	BROMOFORM WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	12/09/91-08/12/92	4 ##	2.5	2.263	2.5	1.55	0.226	0.475	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	12/09/91-08/12/92	4 ##	340.	1095.	3500.	200.	2575100.	1604.712	**	**	**	**
34296	N-BUTYL BENZYL PHTHALATE,TISSUE,WET WGT,MG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	200.	163.125	250.	2.5	12022.396	109.647	**	**	**	**
34300	CARBON TETRACHLORIDE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	12/09/91-08/12/92	4 ##	1.	1.5	3.	1.	1.	1.	**	**	**	**
34304	CHLOROBENZENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	200.	163.125	250.	2.5	12022.396	109.647	**	**	**	**
34305	CHLOROBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34306	CHLORODIBROMOMETHANE TOTWUG/L	12/09/91-08/12/92	4 ##	1.	1.138	1.55	1.	0.076	0.275	**	**	**	**
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	200.	163.125	250.	2.5	12022.396	109.647	**	**	**	**
34310	CHLORODIBROMOMETHANE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	3.125	5.	2.5	1.563	1.25	**	**	**	**
34314	CHLOROETHANE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	450.	376.25	600.	5.	66256.25	257.403	**	**	**	**
34315	CHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	200.	163.125	250.	2.5	12022.396	109.647	**	**	**	**
34319	CHLOROFORM WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.263	2.5	1.55	0.226	0.475	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34324	CHRYSENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	200.	163.125	250.	2.5	12022.396	109.647	**	**	**	**
34331	DICHLOROBROMOMETHANE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.175	2.5	1.2	0.423	0.65	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34340	DIETHYL PHTHALATE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.125	2.5	1.	0.563	0.75	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	12/09/91-06/01/92	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	12/09/91-06/01/92	3 ##	500.	1450.	3500.	350.	3157500.	1776.936	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	06/01/92-08/12/92	2 ##	0.215	0.215	0.33	0.1	0.026	0.163	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	11.8	3631.213	14500.	1.25	52502558.447	7245.865	**	**	**	**
34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	12/09/91-08/12/92	4 ##	1.	1.65	3.6	1.	1.69	1.3	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	200.	163.125	250.	2.5	12022.396	109.647	**	**	**	**
34375	ETHYLBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.225	2.5	1.4	0.303	0.55	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34380	FLUORANTHENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.175	2.5	1.2	0.423	0.65	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34385	FLUORENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.663	3.15	2.5	0.106	0.325	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.013	2.5	0.55	0.951	0.975	**	**	**	**
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.125	2.5	1.	0.563	0.75	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34400	HEXACHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.45	2.5	2.3	0.01	0.1	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.225	2.5	1.4	0.303	0.55	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34412	ISOPHORONE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	12/09/91-08/12/92	4 ##	1.	1.1	1.4	1.	0.04	0.2	**	**	**	**
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	200.	163.125	250.	2.5	12022.396	109.647	**	**	**	**
34427	METHYLENE CHLORIDE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.663	3.15	2.5	0.106	0.325	**	**	**	**
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.663	3.15	2.5	0.106	0.325	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.663	3.15	2.5	0.106	0.325	**	**	**	**
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	12/09/91-06/01/92	3 ##	500.	1450.	3500.	350.	3157500.	1776.936	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34446	NAPHTHALENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.175	2.5	1.2	0.423	0.65	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34451	NITROBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	12/09/91-08/12/92	4 ##	5.	4.35	5.5	1.9	2.723	1.65	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	825.	2412.5	7500.	500.	11547291.667	3398.131	**	**	**	**
34456	PARACHLOROMETA CRESOL WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.725	3.4	2.5	0.203	0.45	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34465	PHENANTHRENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34468	PHENOL WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.175	2.5	1.2	0.423	0.65	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34473	PYRENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	12/09/91-08/12/92	4 ##	1.	1.263	2.05	1.	0.276	0.525	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	200.	163.125	250.	2.5	12022.396	109.647	**	**	**	**
34479	TETRACHLOROETHYLENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	200.	163.125	250.	2.5	12022.396	109.647	**	**	**	**
34484	TOLUENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	200.	163.125	250.	2.5	12022.396	109.647	**	**	**	**
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	450.	376.25	600.	5.	66256.25	257.403	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	12/09/91-08/12/92	4 ##	1.	1.338	2.35	1.	0.456	0.675	**	**	**	**
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	200.	163.125	250.	2.5	12022.396	109.647	**	**	**	**
34500	1,1-DICHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	12/09/91-06/01/92	3 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	200.	163.125	250.	2.5	12022.396	109.647	**	**	**	**
34505	1,1-DICHLOROETHYLENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	12/09/91-08/12/92	4 ##	1.	1.225	1.9	1.	0.203	0.45	**	**	**	**
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	200.	163.125	250.	2.5	12022.396	109.647	**	**	**	**
34510	1,1,1-TRICHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	12/09/91-08/12/92	4 ##	1.	1.375	2.5	1.	0.563	0.75	**	**	**	**
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	200.	163.125	250.	2.5	12022.396	109.647	**	**	**	**
34515	1,1,2-TRICHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/09/91-08/12/92	4 ##	1.	1.613	3.45	1.	1.501	1.225	**	**	**	**
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	200.	163.125	250.	2.5	12022.396	109.647	**	**	**	**
34520	1,1,2,2-TETRACHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.263	2.5	1.55	0.226	0.475	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34525	BENZO(GHI)PERYLENE1,12-BENZOPERYLENWET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	3.1	4.9	2.5	1.44	1.2	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	12/09/91-08/12/92	4 ##	1.	1.1	1.4	1.	0.04	0.2	**	**	**	**
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	200.	163.125	250.	2.5	12022.396	109.647	**	**	**	**
34535	1,2-DICHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.175	2.5	1.2	0.423	0.65	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	12/09/91-08/12/92	4 ##	1.	1.5	3.	1.	1.	1.	**	**	**	**
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	200.	163.125	250.	2.5	12022.396	109.647	**	**	**	**
34545	1,2-DICHLOROPROPANE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/09/91-08/12/92	4 ##	1.	0.95	1.	0.8	0.01	0.1	**	**	**	**
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	12/09/91-08/12/92	4 ##	200.	163.125	250.	2.5	12022.396	109.647	**	**	**	**
34550	TRANS-1,2-DICHLOROETHENE, IN TISSUE, WET WT. MG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.175	2.5	1.2	0.423	0.65	**	**	**	**
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.263	2.5	1.55	0.226	0.475	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34560	1,2,5,6-DIBENZANTHRACENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.175	2.5	1.2	0.423	0.65	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34570	1,3-DICHLOROBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.563	2.75	2.5	0.016	0.125	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34575	1,4-DICHLOROBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/09/91-08/12/92	4 ##	1.75	3.625	10.	1.	18.563	4.308	**	**	**	**
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	225.	526.25	1650.	5.	572422.917	756.586	**	**	**	**
34580	2-CHLOROETHYL VINYL ETHER WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.175	2.5	1.2	0.423	0.65	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	12/09/91-08/12/92	4 ##	5.	4.388	5.5	2.05	2.484	1.576	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	750.	2332.5	7500.	330.	11948891.667	3456.717	**	**	**	**
34590	2-CHLOROPHENOL WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	12/09/91-08/12/92	4 ##	5.	4.438	5.5	2.25	2.182	1.477	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	750.	2332.5	7500.	330.	11948891.667	3456.717	**	**	**	**
34595	2-NITROPHENOL WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.263	2.5	1.55	0.226	0.475	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34600	DI-N-OCTYL PHTHALATE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	12/09/91-08/12/92	4 ##	5.	4.3	5.5	1.7	3.06	1.749	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	750.	2332.5	7500.	330.	11948891.667	3456.717	**	**	**	**
34605	2,4-DICHLOROPHENOL WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	12/09/91-08/12/92	4 ##	5.	4.3	5.5	1.7	3.06	1.749	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	750.	2332.5	7500.	330.	11948891.667	3456.717	**	**	**	**
34610	2,4-DIMETHYLPHENOL WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	12/09/91-06/01/92	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34615	2,4-DINITROTOLUENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	12/09/91-08/12/92	4 ##	10.75	14.563	26.25	10.5	60.766	7.795	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	1825.	4912.5	14500.	1500.	40897291.667	6395.099	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	12/09/91-08/12/92	4 ##	5.	4.3	5.5	1.7	3.06	1.749	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	750.	2332.5	7500.	330.	11948891.667	3456.717	**	**	**	**
34625	2,4,6-TRICHLOROPHENOL WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.175	2.5	1.2	0.423	0.65	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34630	2,6-DINITROTOLUENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	4.45	10.3	2.5	15.21	3.9	**	**	**	**
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	575.	1250.	3500.	350.	2265000.	1504.992	**	**	**	**
34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.175	2.5	1.2	0.423	0.65	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.538	2.65	2.5	0.006	0.075	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
34645	4-CHLOROPHENYL PHENYL ETHER WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	12/09/91-08/12/92	4 ##	10.5	8.375	11.	1.5	21.063	4.589	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	1825.	4912.5	14500.	1500.	40897291.667	6395.099	**	**	**	**
34650	4-NITROPHENOL WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	1.65	1.65	1.65	1.65	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	12/09/91-08/12/92	4 ##	10.75	11.75	15.	10.5	4.75	2.179	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	12/09/91-08/12/92	4 ##	1825.	4912.5	14500.	1500.	40897291.667	6395.099	**	**	**	**
34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	1.65	1.65	1.65	1.65	0.	0.	**	**	**	**
34664	PCB - 1221 WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34667	PCB - 1232 WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34669	PCB - 1248 WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34670	PCB - 1260 WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34671	PCB - 1016 TOTWUG/L	06/01/92-08/12/92	2 ##	0.273	0.273	0.5	0.045	0.104	0.322	**	**	**	**
34674	PCB - 1016 WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34683	DI-N-BUTYL PHTHALATE,TISSUE,WET WGTWET WGT	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34689	PCB - 1242 WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34690	PCB - 1254 WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34691	TOXAPHENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
34692	TRICHLOROETHYLENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34693	VINYL CHLORIDE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	12/09/91-08/12/92	4 ##	5.	4.113	5.5	0.95	4.501	2.121	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	12/09/91-08/12/92	4 ##	750.	2332.5	7500.	330.	11948891.667	3456.717	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	12/09/91-08/12/92	4 ##	2.5	2.125	2.5	1.	0.563	0.75	**	**	**	**
34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	12/09/91-08/12/92	4 ##	200.	163.125	250.	2.5	12022.396	109.647	**	**	**	**
34698	TRANS-1,3-DICHLOROPROPENEFISH TISSUE WET WGT MG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	12/09/91-08/12/92	4 ##	1.	1.375	2.5	1.	0.563	0.75	**	**	**	**
34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	12/09/91-08/12/92	4 ##	200.	163.125	250.	2.5	12022.396	109.647	**	**	**	**
34703	CIS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	12/09/91-08/12/92	4 ##	1.	1.375	2.5	1.	0.563	0.75	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	12/09/91-08/12/92	4 ##	1.625	3.813	11.	1.	23.307	4.828	**	**	**	**
39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	08/12/92-08/12/92	1 ##	1.65	1.65	1.65	1.65	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	12/09/91-08/12/92	4 ##	1575.	4413.125	14500.	2.5	45773272.396	6765.595	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39075	BHC- GAMMA ISOMER, TISSUE WET WGT (UG/G)	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	12/09/91-08/12/92	3 ##	1.	2500.5	7500.	0.5	18746250.25	4329.694	**	**	**	**
39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	12/09/91-08/12/92	4 ##	2.5	2.263	2.5	1.55	0.226	0.475	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	12/09/91-08/12/92	4 ##	375.	1145.	3500.	330.	2465766.667	1570.276	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	12/09/91-08/12/92	4 ##	2.5	7.05	20.7	2.5	82.81	9.1	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
39118	PENTACHLOROBENZENE IN SEDIMENT UG/KG	06/01/92-06/01/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	4 ##	2.5	8.75	27.5	2.5	156.25	12.5	**	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	12/09/91-06/01/92	3 ##	500.	1450.	3500.	350.	3157500.	1776.936	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	12/09/91-08/12/92	4 ##	2.5	3.125	5.	2.5	1.563	1.25	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12/09/91-08/12/92	4 ##	1.	0.988	1.	0.95	0.001	0.025	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	4 ##	0.1	0.08	0.1	0.02	0.002	0.04	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-08/12/92	4 ##	0.925	1875.588	7500.	0.5	14059562.814	3749.608	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/01/92-08/12/92	2 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/01/92-08/12/92	2 ##	0.023	0.023	0.03	0.015	0.	0.011	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	12/09/91-08/12/92	4 ##	0.2	0.168	0.2	0.07	0.004	0.065	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	12/09/91-08/12/92	4 ##	3.	3.423	4.69	3.	0.714	0.845	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	4 ##	0.15	0.126	0.15	0.055	0.002	0.048	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-08/12/92	5 ##	3.	1502.537	7500.	3.	11240488.349	3352.684	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	4 ##	0.1	0.08	0.1	0.02	0.002	0.04	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-08/12/92	4 ##	1.5	1876.085	7500.	1.34	14057075.529	3749.277	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	4 ##	0.15	0.128	0.15	0.06	0.002	0.045	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-08/12/92	5 ##	3.	1502.604	7500.	3.	11240237.314	3352.646	**	**	**	**
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	4 ##	0.05	0.04	0.05	0.01	0.	0.02	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/09/91-08/12/92	4 ##	1.	1875.668	7500.	0.67	14059162.722	3749.555	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	4 ##	0.1	0.093	0.1	0.07	0.	0.015	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/09/91-08/12/92	3 ##	6.03	9669.093	29000.	1.2	5280262970.129	16741.056	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	4 ##	0.1	0.083	0.1	0.03	0.001	0.035	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-08/12/92	5 ##	1.5	2901.302	14500.	1.5	42040561.079	6483.869	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	4 ##	2.5	2.175	2.5	1.2	0.423	0.65	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/09/91-08/12/92	4 ##	25.	38.875	80.5	25.	770.063	27.75	**	**	**	**
39406	DIELDRIN IN AQ ORGANISMS WT WGT BASIS (UG/G)	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	4 ##	0.01	0.011	0.015	0.01	0.	0.003	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	12/09/91-08/12/92	4 ##	0.627	1875.376	7500.	0.25	14060618.94	3749.749	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	4 ##	0.03	0.126	0.415	0.03	0.037	0.193	**	**	**	**
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	12/09/91-08/12/92	5 ##	0.5	2905.86	14500.	0.5	42007665.473	6481.332	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	4 ##	0.25	0.408	0.88	0.25	0.099	0.315	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	12/09/91-08/12/92	4 ##	5.	18.5	59.	5.	729.	27.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	06/01/92-08/12/92	2 ##	0.273	0.273	0.5	0.045	0.104	0.322	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	06/01/92-08/12/92	2 ##	6.508	6.508	10.	3.015	24.395	4.939	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	06/01/92-08/12/92	2 ##	0.273	0.273	0.5	0.045	0.104	0.322	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	06/01/92-08/12/92	2 ##	6.508	6.508	10.	3.015	24.395	4.939	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	06/01/92-08/12/92	2 ##	0.273	0.273	0.5	0.045	0.104	0.322	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	06/01/92-08/12/92	2 ##	6.508	6.508	10.	3.015	24.395	4.939	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	06/01/92-08/12/92	2 ##	0.273	0.273	0.5	0.045	0.104	0.322	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	06/01/92-08/12/92	2 ##	6.508	6.508	10.	3.015	24.395	4.939	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	06/01/92-08/12/92	2 ##	0.273	0.273	0.5	0.045	0.104	0.322	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	06/01/92-08/12/92	2 ##	6.508	6.508	10.	3.015	24.395	4.939	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	06/01/92-08/12/92	2 ##	0.273	0.273	0.5	0.045	0.104	0.322	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	06/01/92-08/12/92	2 ##	6.508	6.508	10.	3.015	24.395	4.939	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	06/01/92-08/12/92	2 ##	6.508	6.508	10.	3.015	24.395	4.939	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	12/09/91-03/09/92	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/09/91-03/09/92	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	3 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-06/01/92	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	3 ##	0.125	0.125	0.125	0.125	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-06/01/92	3 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39560	DEMETON IN WHOLE WATER SAMPLE (UG/L)	06/01/92-06/01/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	3 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-06/01/92	3 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	06/01/92-06/01/92	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/01/92-06/01/92	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	3 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	12/09/91-06/01/92	3 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	12/09/91-08/12/92	4 ##	425.	1170.	3500.	330.	2418600.	1555.185	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	4 ##	10.	8.75	10.	5.	6.25	2.5	**	**	**	**
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/09/91-08/12/92	4 ##	25.	119.25	402.	25.	35532.25	188.5	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	4 ##	2.5	2.125	2.5	1.	0.563	0.75	**	**	**	**
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/09/91-08/12/92	4 ##	5.	20.5	67.	5.	961.	31.	**	**	**	**
39750	SEVIN IN WHOLE WATER SAMPLE (UG/L)	06/01/92-06/01/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	06/01/92-06/01/92	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	06/01/92-08/12/92	2 ##	1.75	1.75	2.5	1.	1.125	1.061	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/01/92-08/12/92	2 ##	36.	36.	67.	5.	1922.	43.841	**	**	**	**
39764	SILVEX (2,4,5-TP), TISSUE, WET WEIGHT MG/KG	08/12/92-08/12/92	1 ##	0.065	0.065	0.065	0.065	0.	0.	**	**	**	**
39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	06/01/92-06/01/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	12/09/91-08/12/92	4 ##	0.015	0.016	0.02	0.015	0.	0.003	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/09/91-08/12/92	5 ##	0.5	1500.568	7500.	0.5	11247870.233	3353.784	**	**	**	**
45510	XYLENE SEDIMENT,DRY WGT,UG/KG	12/09/91-08/12/92	4 ##	225.	238.125	500.	2.5	41897.396	204.689	**	**	**	**
45511	XYLENE TISSUE ,WET WGT,MG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
46290	BETA BHC IN SOIL (NG/G DRY WGT)	12/09/91-08/12/92	3 ##	2.	2500.833	7500.	0.5	18743751.083	4329.405	**	**	**	**
46292	DELTA-BHC IN SOIL (NG/G DRY WGT)	12/09/91-08/12/92	3 ##	3.	2501.167	7500.	0.5	18741252.583	4329.117	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/30/77-12/08/92	95	898.	923.579	1530.	458.	36745.502	191.691	695.2	788.	1042.	1139.6
71890	MERCURY, DISSOLVED (UG/L AS HG)	12/09/91-06/01/92	3 ##	0.1	0.133	0.2	0.1	0.003	0.058	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	08/12/92-08/12/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/09/91-08/12/92	4	0.045	0.049	0.1	0.005	0.002	0.039	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/12/92-08/12/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/12/92-08/12/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	08/12/92-08/12/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	08/12/92-08/12/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
72053	DAYS SINCE PRECIPITATION EVENT DAYS	07/23/90-12/08/92	22	3.	8.682	35.	0.	102.108	10.105	0.5	1.	15.	25.9
73120	HEXACHLOROPHENE, DRY WEIGHT, SEDIMENT UG/KG	06/01/92-06/01/92	1 ##	350.	350.	350.	350.	0.	0.	**	**	**	**
73159	N-NITROSO-DI-N-BUTYLAMINE, DRY WT, SEDIMENT UG/KG	06/01/92-06/01/92	1 ##	350.	350.	350.	350.	0.	0.	**	**	**	**
73609	1-BUTANAMINE, N-BUTYL-N-NITROSO- TOTWUG/L	06/01/92-06/01/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
73611	ETHANAMINE, N-ETHYL-N-NITROSO- TOTWUG/L	06/01/92-06/01/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
74069	FLOW, ESTIMATED STREAM CFS	03/13/84-06/01/92	29	185.	641.31	7970.	10.	2938887.293	1714.318	19.	65.5	311.5	870.
77045	PYRIDINE WHOLE WATER,UG/L	06/01/92-06/01/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	06/01/92-06/01/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	06/01/92-06/01/92	1 ##	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**
77734	1,2,4,5-TETRACHLOROBENZENE WHOLE WATER,UG/L	06/01/92-06/01/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77793	PENTACHLOROBENZENE WHOLE WATER,UG/L	06/01/92-06/01/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT,DRY WEIGHT,UG/KG	06/01/92-08/12/92	2 ##	1075.	1075.	1650.	500.	661250.	813.173	**	**	**	**
79778	CRESOL UG/L	06/01/92-06/01/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	06/01/92-06/01/92	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
79800	MIREX SEDIMENT,DRY,WT,UG/KG	06/01/92-06/01/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	03/09/92-06/01/92	2	70.	70.	73.1	66.9	19.22	4.384	**	**	**	**
81403	DURSBAN(CHLOROPYRIFOS)WHOLE WATER SAMPLE (UG/L)	06/01/92-06/01/92	1 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
81404	DURSBAN,BOTTOM DEPOSITS,DRY WGT,UG/KG	06/01/92-06/01/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	12/09/91-08/12/92	4 ##	1.75	1.875	3.	1.	1.063	1.031	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	08/12/92-08/12/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	08/12/92-08/12/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	08/12/92-08/12/92	1 ##	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
81759	ENDOSULFAN IN FISH TISSUE WET WEIGHT MG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
81818	SEVIN IN SEDIMENT DRY WEIGHT UG/KG	06/01/92-06/01/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	08/12/92-08/12/92	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	06/01/92-08/12/92	2	3506.5	3506.5	6100.	913.	13452484.5	3667.763	**	**	**	**
82400	DEMETON IN SEDIMENT (SYSTOX) DRY WEIGHT UG/KG	06/01/92-06/01/92	1 ##	40.	40.	40.	40.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: PAAL0015

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-9/30 Obs	4/01-9/30 Exceed	4/01-9/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	102	45	0.44	16	9	0.56	36	10	0.28	50	26	0.52			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	2	1	0.50	1	1	1.00	1	0	0.00						
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	239	0	0.00	36	0	0.00	82	0	0.00	121	0	0.00			
00400	PH	Fresh Chronic	9.	199	4	0.02	28	1	0.04	67	1	0.01	104	2	0.02			
		Other-Lo Lim.	6.5	199	5	0.03	28	0	0.00	67	3	0.04	104	2	0.02			
00403	PH, LAB	Fresh Chronic	9.	134	0	0.00	18	0	0.00	47	0	0.00	69	0	0.00			
		Other-Lo Lim.	6.5	134	0	0.00	18	0	0.00	47	0	0.00	69	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	18	0	0.00				8	0	0.00	10	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	114	0	0.00	12	0	0.00	43	0	0.00	59	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	3	0	0.00	1	0	0.00	1	0	0.00	1	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	207	0	0.00	32	0	0.00	72	0	0.00	103	0	0.00			
		Drinking Water	250.	207	28	0.14	32	2	0.06	72	19	0.26	103	7	0.07			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	47	0	0.00	8	0	0.00	18	0	0.00	21	0	0.00			
		Drinking Water	250.	47	6	0.13	8	1	0.13	18	3	0.17	21	2	0.10			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	200	142	0.71	30	19	0.63	71	55	0.77	99	68	0.69			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00				2	0	0.00	1	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	2	0	0.00				1	0	0.00	1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	5.	3	0	0.00				2	0	0.00	1	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	3	0	0.00				2	0	0.00	1	0	0.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	1300.	3	0	0.00				2	0	0.00	1	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	15.	3	0	0.00				2	0	0.00	1	0	0.00			
01051	LEAD, TOTAL	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	100.	3	0	0.00				2	0	0.00	1	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	3	0	0.00				2	0	0.00	1	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	5000.	3	0	0.00				2	0	0.00	1	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	50.	3	0	0.00				2	0	0.00	1	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	8	6	0.75				2	1	0.50	6	5	0.83			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	6	3	0.50				1	0	0.00	5	3	0.60			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	138	77	0.56	21	9	0.43	48	20	0.42	69	48	0.70			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	2	1	0.50	1	1	1.00	1	0	0.00						
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	4	0	0.00				2	0	0.00	2	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	4	0	0.00				2	0	0.00	2	0	0.00			
		Drinking Water	5.	4	0	0.00				2	0	0.00	2	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	4	0	0.00				2	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: PAAL0015

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-9/30 Obs	4/01-9/30 Exceed	4/01-9/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	4	0	0.00				2	0	0.00	2	0	0.00			
		Drinking Water	100.	4	0	0.00				2	0	0.00	2	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	4	0	0.00				2	0	0.00	2	0	0.00			
		Drinking Water	1000.	4	0	0.00				2	0	0.00	2	0	0.00			
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	4	0	0.00				2	0	0.00	2	0	0.00			
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	2	0	0.00							2	0	0.00			
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	4	0	0.00				2	0	0.00	2	0	0.00			
34306	CHLORODIBROMOMETHANE, TOTAL	Drinking Water	100.	4	0	0.00				2	0	0.00	2	0	0.00			
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	3	0	0.00				2	0	0.00	1	0	0.00			
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	4	0	0.00				2	0	0.00	2	0	0.00			
		Drinking Water	700.	4	0	0.00				2	0	0.00	2	0	0.00			
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	4	0	0.00				2	0	0.00	2	0	0.00			
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	4	0	0.00				2	0	0.00	2	0	0.00			
		Drinking Water	50.	4	0	0.00				2	0	0.00	2	0	0.00			
34391	HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	4	0	0.00				2	0	0.00	2	0	0.00			
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	4	0	0.00				2	0	0.00	2	0	0.00			
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	4	0	0.00				2	0	0.00	2	0	0.00			
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	4	0	0.00				2	0	0.00	2	0	0.00			
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	4	0	0.00				2	0	0.00	2	0	0.00			
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	4	0	0.00				2	0	0.00	2	0	0.00			
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	4	0	0.00				2	0	0.00	2	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	4	0	0.00				2	0	0.00	2	0	0.00			
		Drinking Water	5.	4	0	0.00				2	0	0.00	2	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	3	0	0.00				2	0	0.00	1	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	4	0	0.00				2	0	0.00	2	0	0.00			
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	4	0	0.00				2	0	0.00	2	0	0.00			
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	4	0	0.00				2	0	0.00	2	0	0.00			
		Drinking Water	5.	4	0	0.00				2	0	0.00	2	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	4	0	0.00				2	0	0.00	2	0	0.00			
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	4	0	0.00				2	0	0.00	2	0	0.00			
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	4	0	0.00				2	0	0.00	2	0	0.00			
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	4	0	0.00				2	0	0.00	2	0	0.00			
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	4	0	0.00				2	0	0.00	2	0	0.00			
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	4	0	0.00				2	0	0.00	2	0	0.00			
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	4	0	0.00				2	0	0.00	2	0	0.00			
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	4	0	0.00				2	0	0.00	2	0	0.00			
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	4	0	0.00				2	0	0.00	2	0	0.00			
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	3	0	0.00				2	0	0.00	1	0	0.00			
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	4	0	0.00				2	0	0.00	2	0	0.00			
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	4	0	0.00				2	0	0.00	2	0	0.00			
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	4	0	0.00				2	0	0.00	2	0	0.00			
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	4	0	0.00				2	0	0.00	2	0	0.00			
		Drinking Water	6.	4	0	0.00				2	0	0.00	2	0	0.00			
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	4	0	0.00				2	0	0.00	2	0	0.00			
		Drinking Water	5.	4	0	0.00				2	0	0.00	2	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	4	0	0.00				2	0	0.00	2	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	4	0	0.00				2	0	0.00	2	0	0.00			
		Drinking Water	2.	4	0	0.00				2	0	0.00	2	0	0.00			
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	4	0	0.00				2	0	0.00	2	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	4	0	0.00				2	0	0.00	2	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	4	0	0.00				2	0	0.00	2	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	4	0	0.00				2	0	0.00	2	0	0.00			
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	4	0	0.00				2	0	0.00	2	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	4	0	0.00				2	0	0.00	2	0	0.00			
		Drinking Water	2.	4	0	0.00				2	0	0.00	2	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

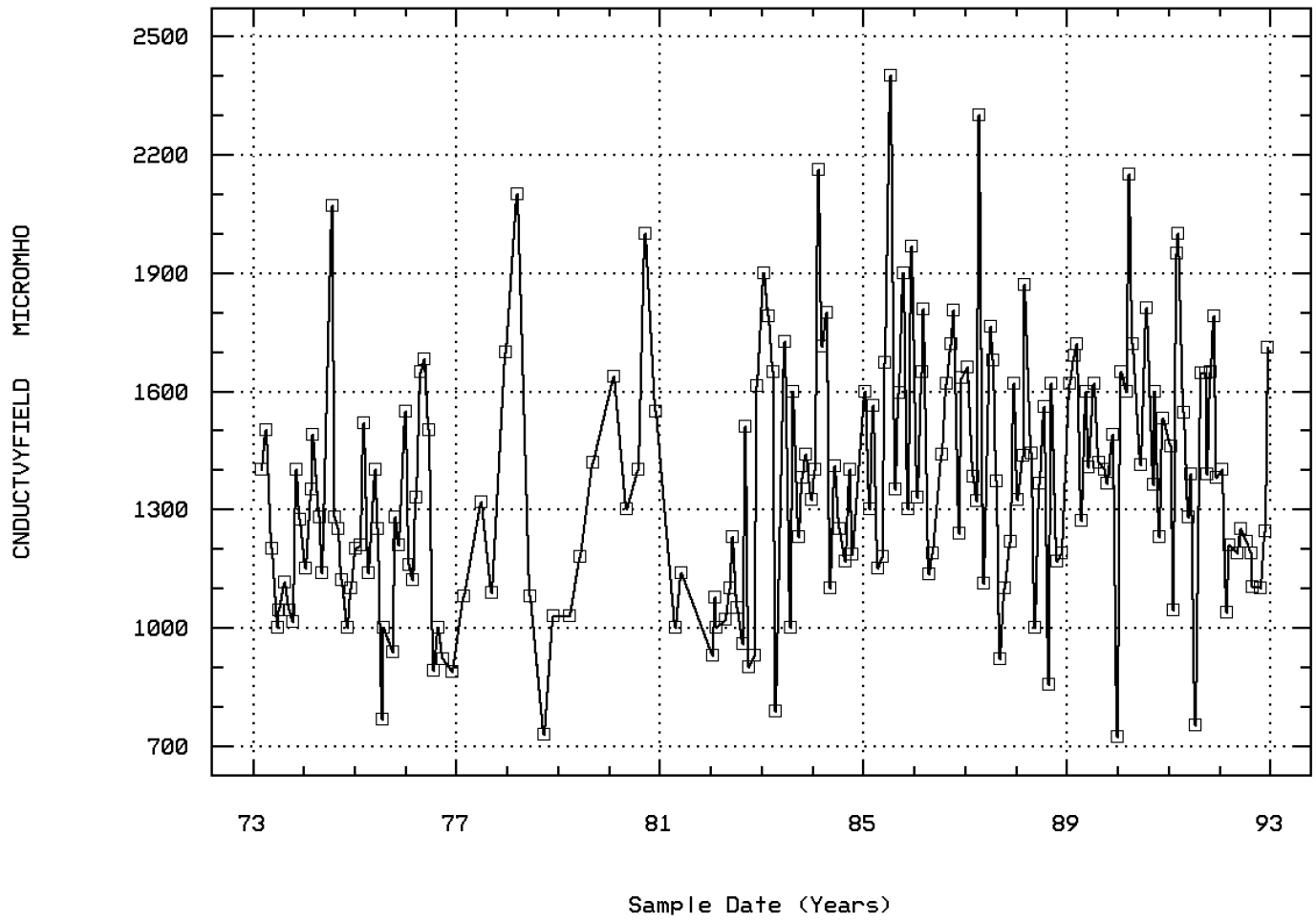
EPA Water Quality Criteria Analysis for Station: PAAL0015

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------10/01-11/30---------- Obs	Exceed	Prop.	----------12/01-3/31---------- Obs	Exceed	Prop.	----------4/01-9/30---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	4	0	0.00				2	0	0.00	2	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	4	0	0.00				2	0	0.00	2	0	0.00			
		Drinking Water	0.4	4	0	0.00				2	0	0.00	2	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	4	0	0.00				2	0	0.00	2	0	0.00			
		Drinking Water	0.2	3 &	0	0.00				2	0	0.00	1	0	0.00			
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	4	0	0.00				2	0	0.00	2	0	0.00			
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	1.	3	0	0.00				2	0	0.00	1	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	4	0	0.00				2	0	0.00	2	0	0.00			
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	2	0	0.00							2	0	0.00			
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	4	0	0.00				2	0	0.00	2	0	0.00			
		Drinking Water	0.2	4	0	0.00				2	0	0.00	2	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	3	0	0.00				2	0	0.00	1	0	0.00			
		Drinking Water	2.	3	0	0.00				2	0	0.00	1	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			
77651	1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
77687	2,4,5-TRICHLOROPHENOL, WHOLE WATER	Fresh Acute	100.	1	0	0.00							1	0	0.00			
81403	DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMP	Fresh Acute	0.083	0 &	0	0.00												

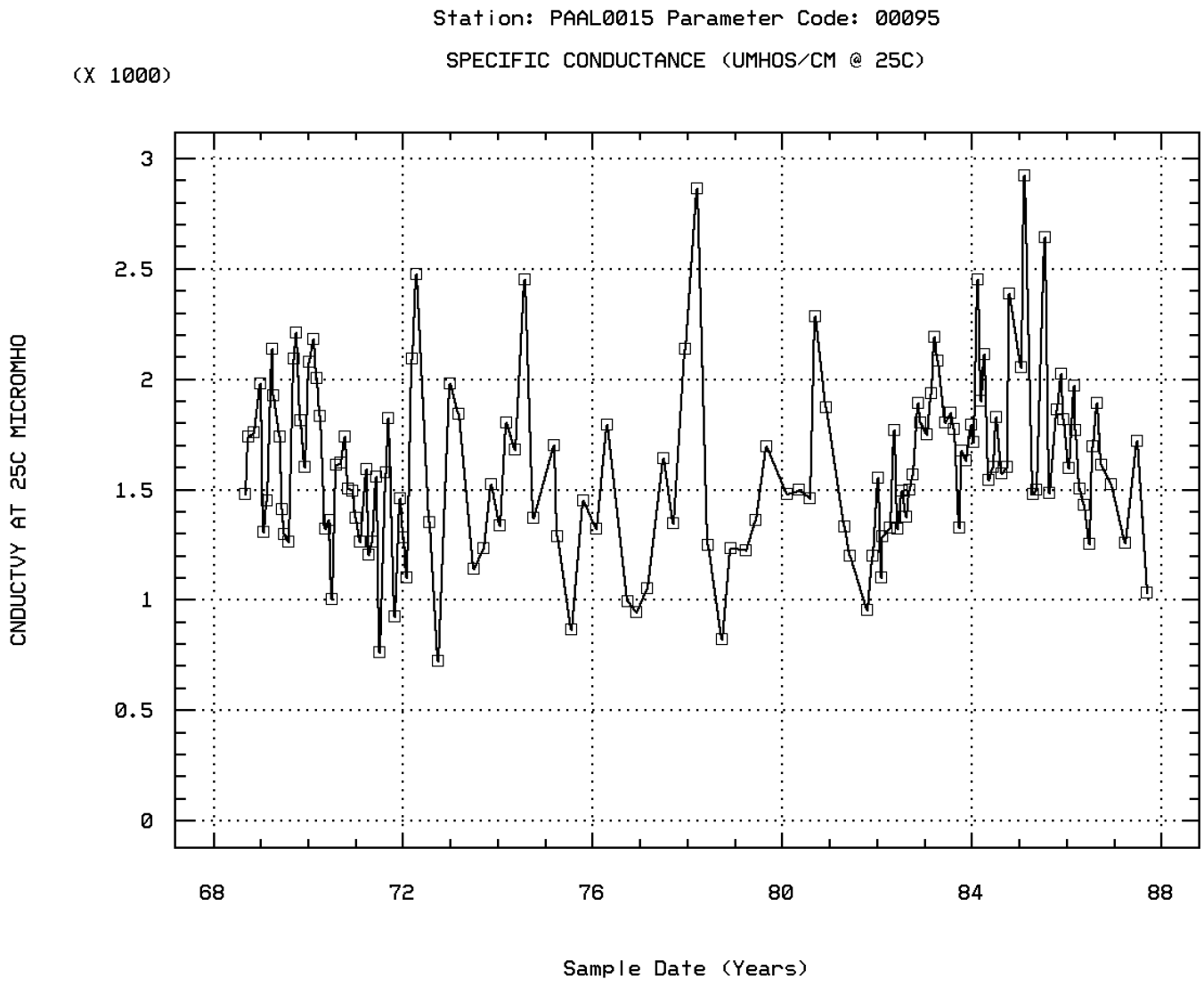
& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station: PAAL0015 Parameter Code: 00094

SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @



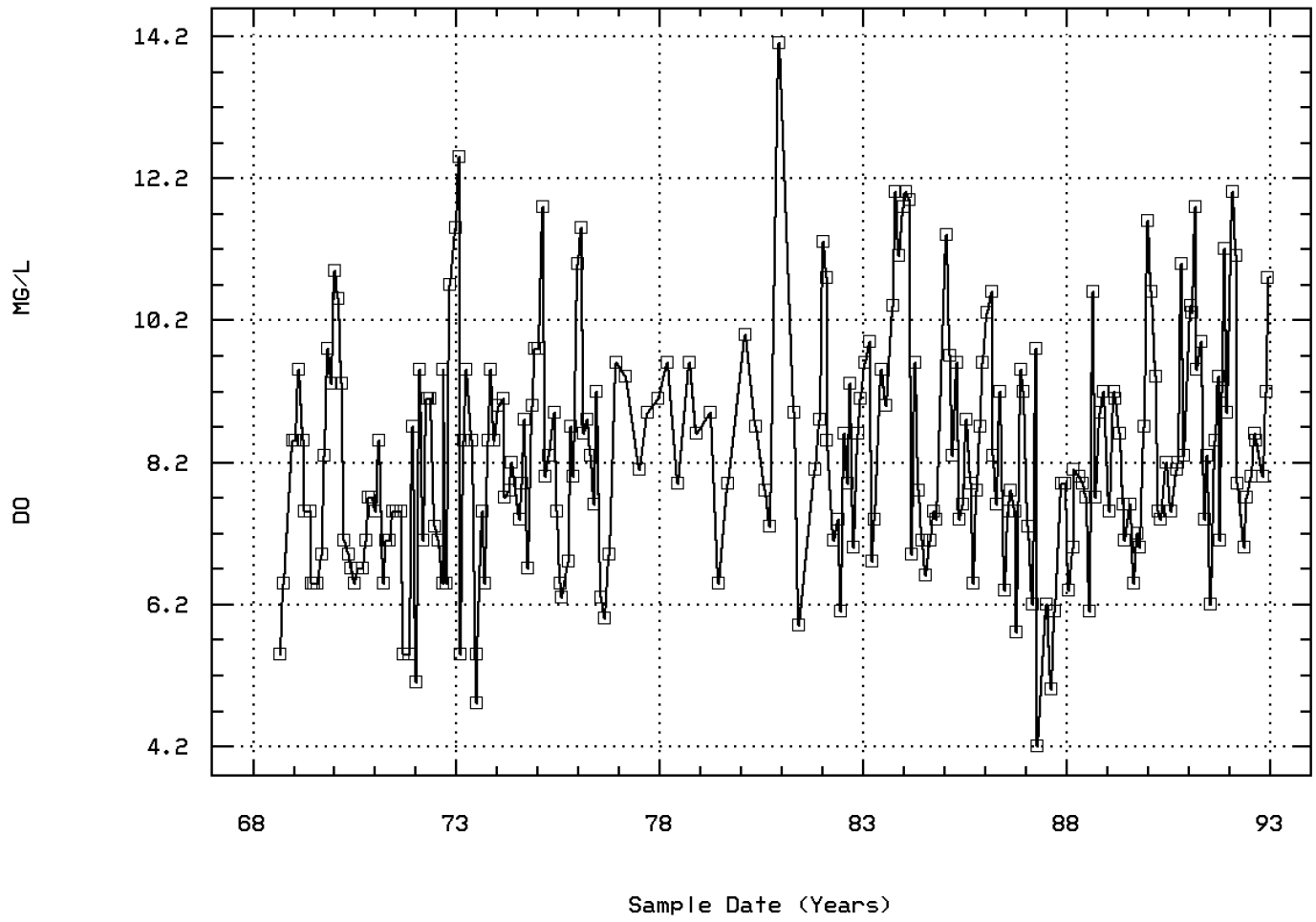
RIO GRANDE INTERNATIONAL BRIDGE ON US 7



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00300

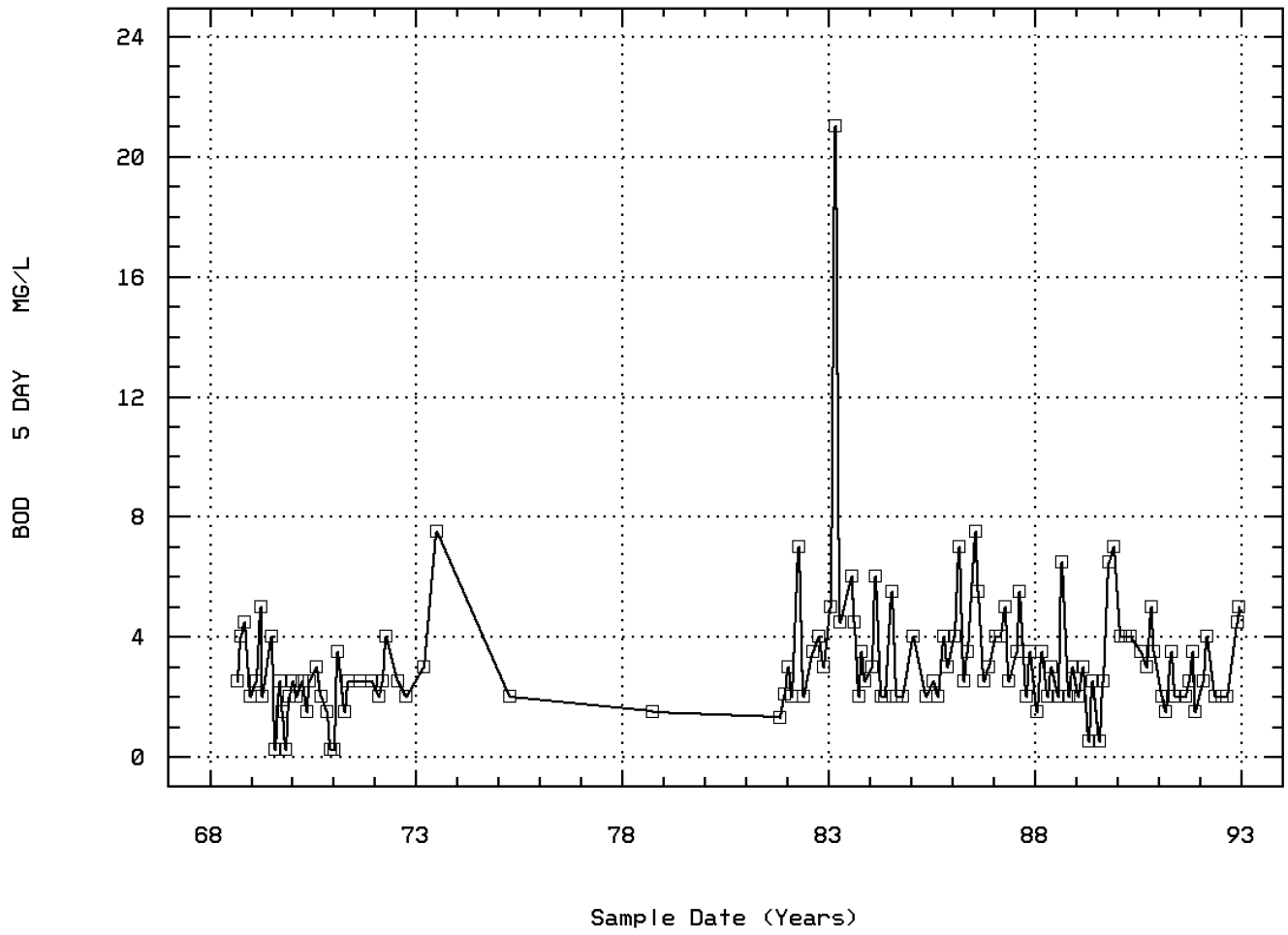
OXYGEN, DISSOLVED



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00310

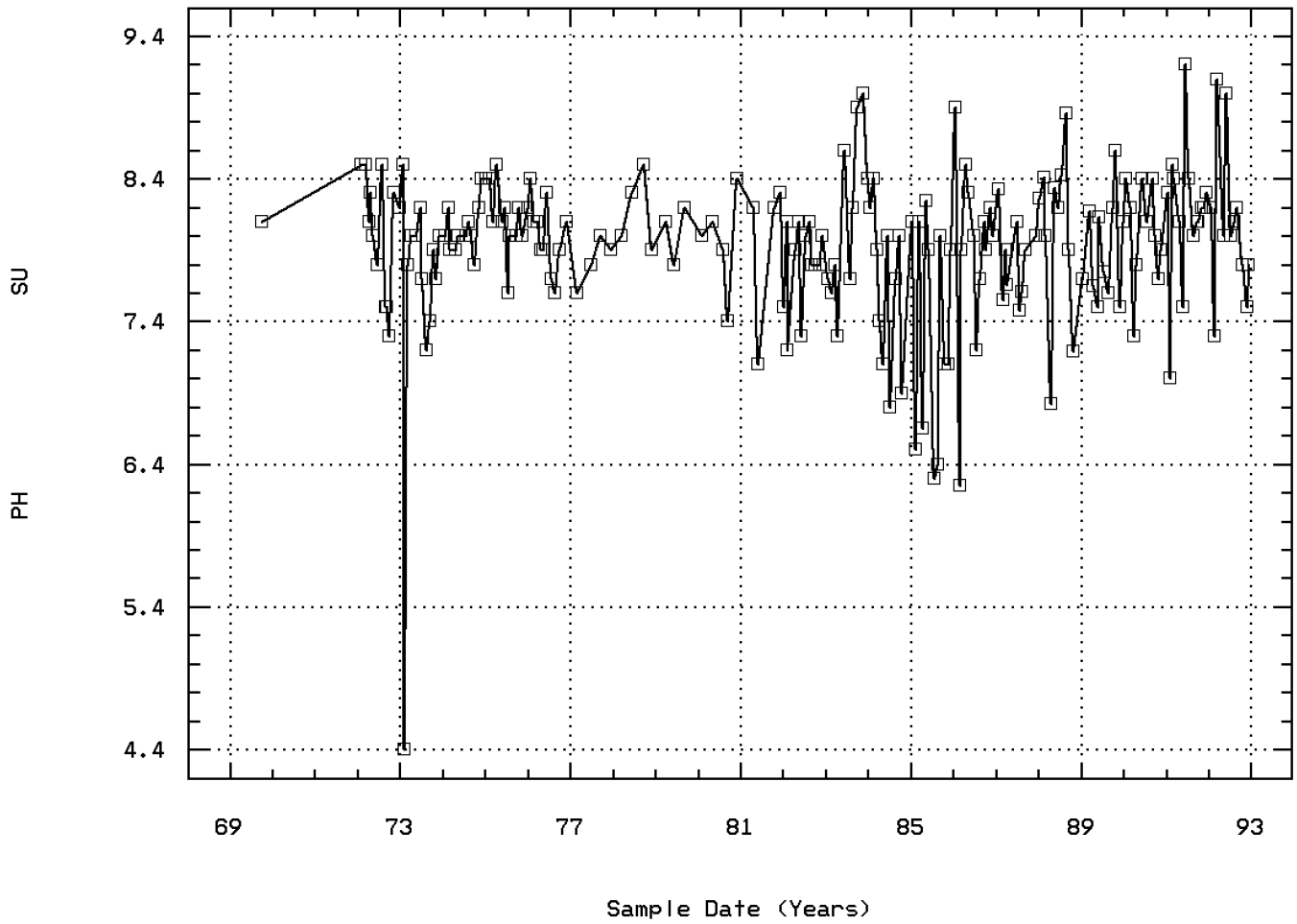
BOD, 5 DAY, 20 DEG C



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00400

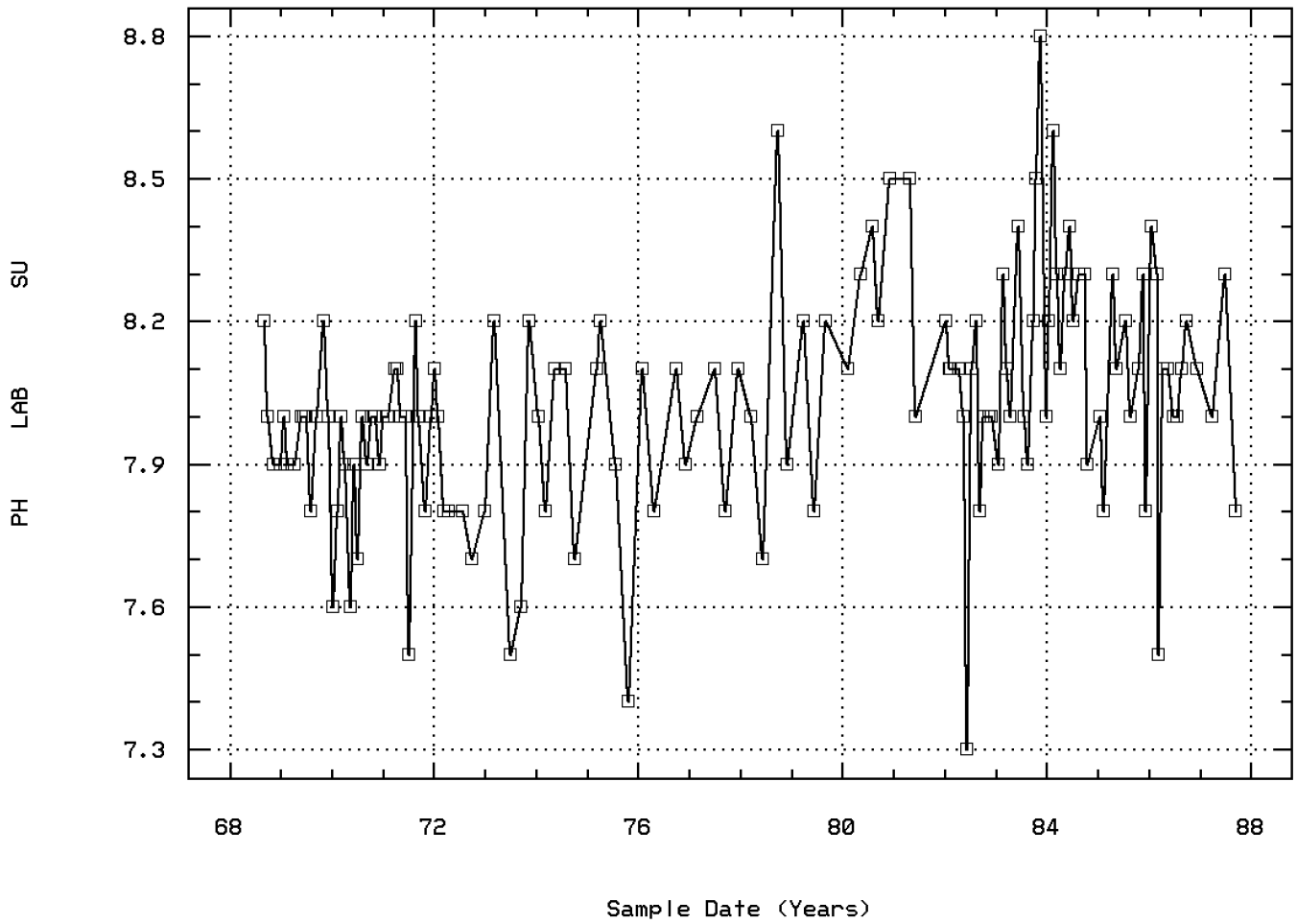
PH (STANDARD UNITS)



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00403

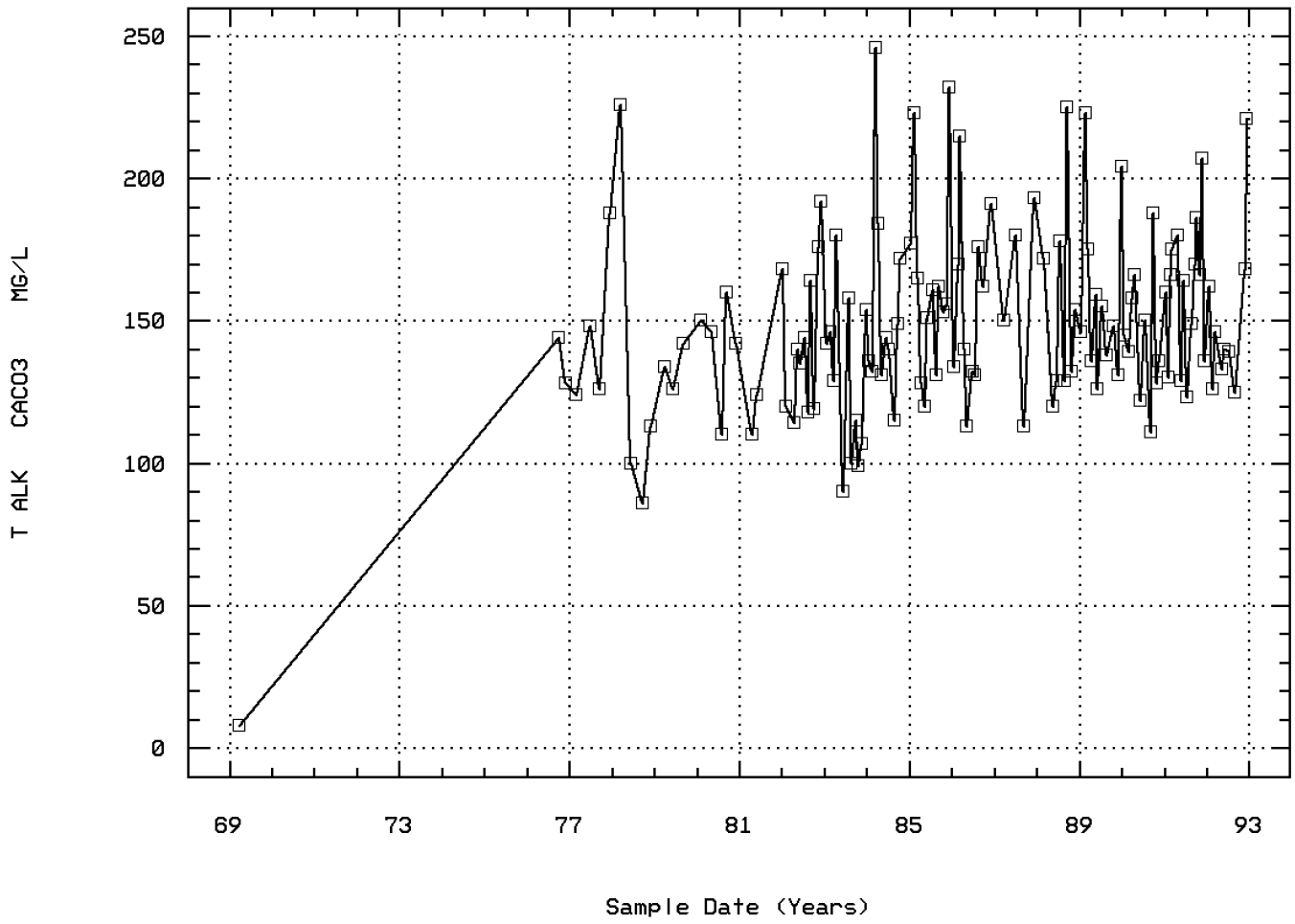
PH, LAB, STANDARD UNITS



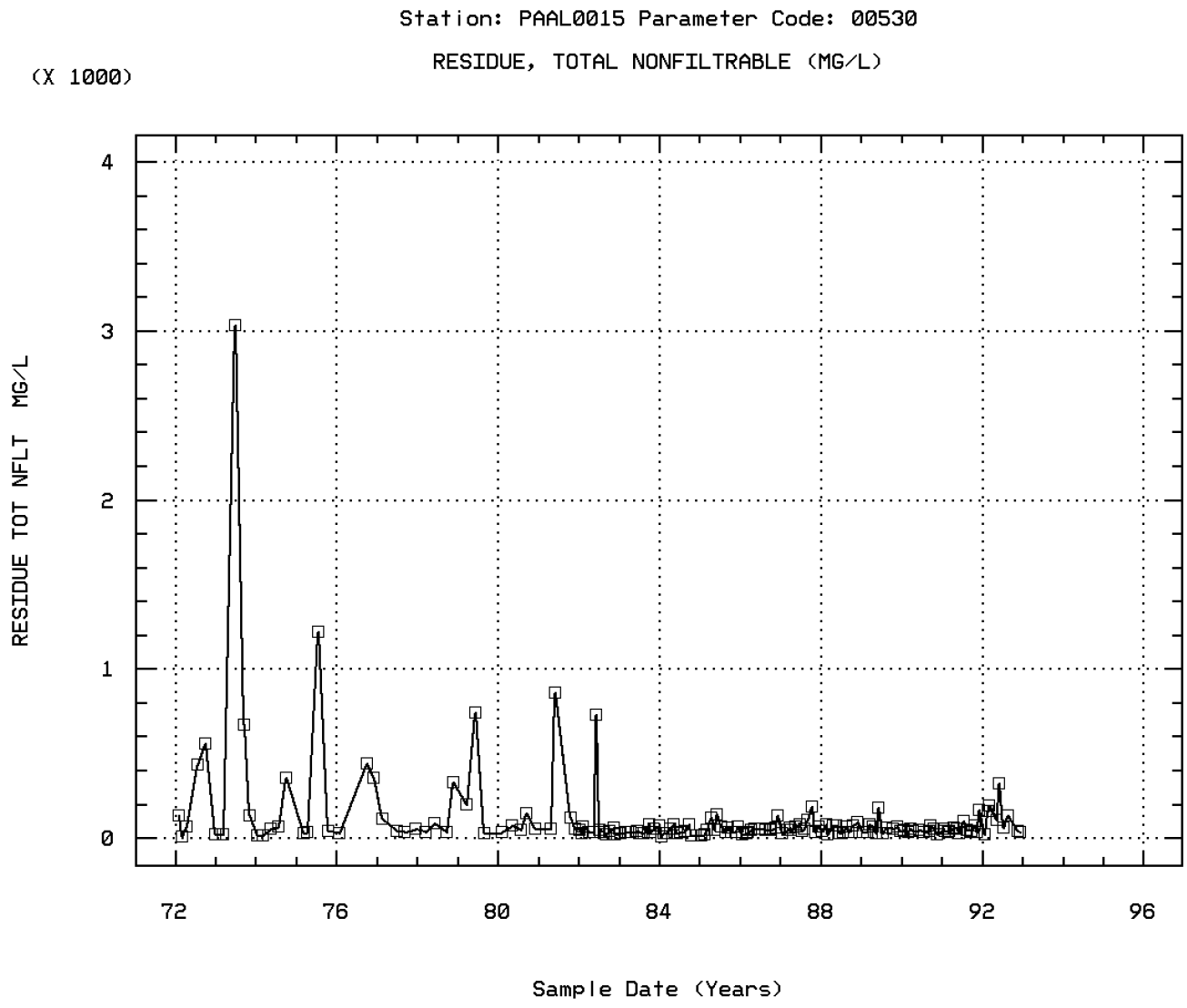
RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00410

ALKALINITY, TOTAL (MG/L AS CACO3)



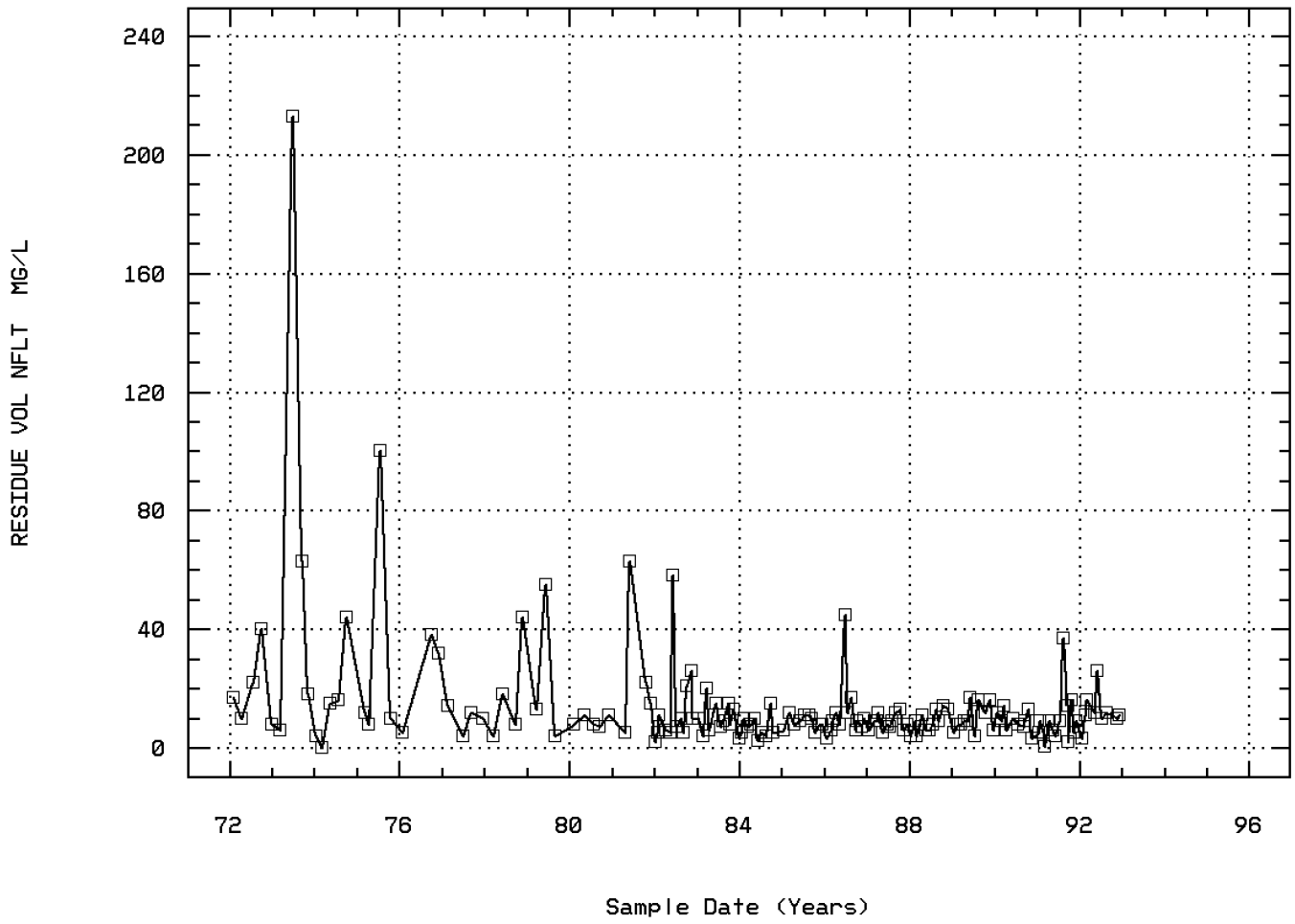
RIO GRANDE INTERNATIONAL BRIDGE ON US 7



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00535

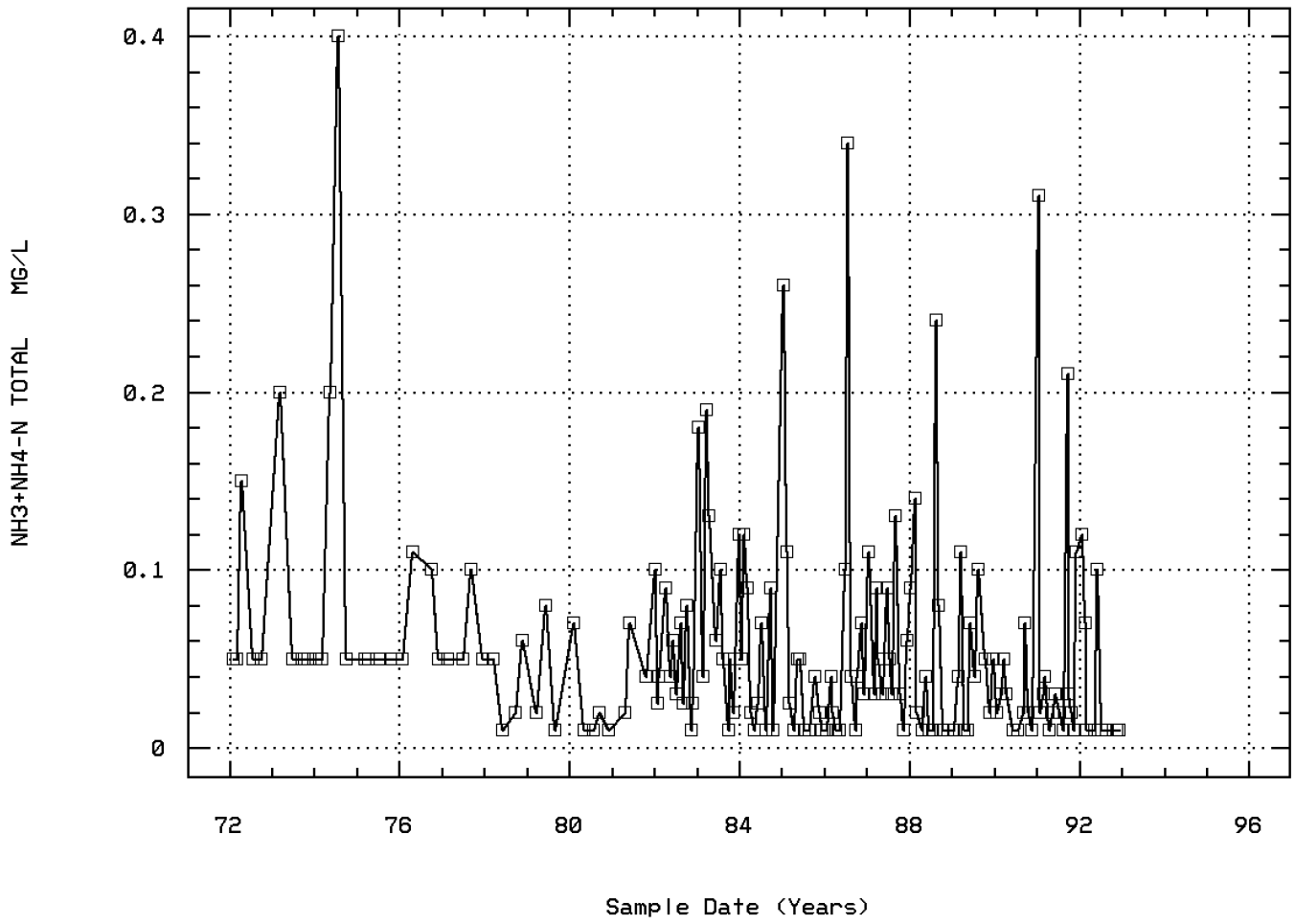
RESIDUE, VOLATILE NONFILTRABLE (MG/L)



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00610

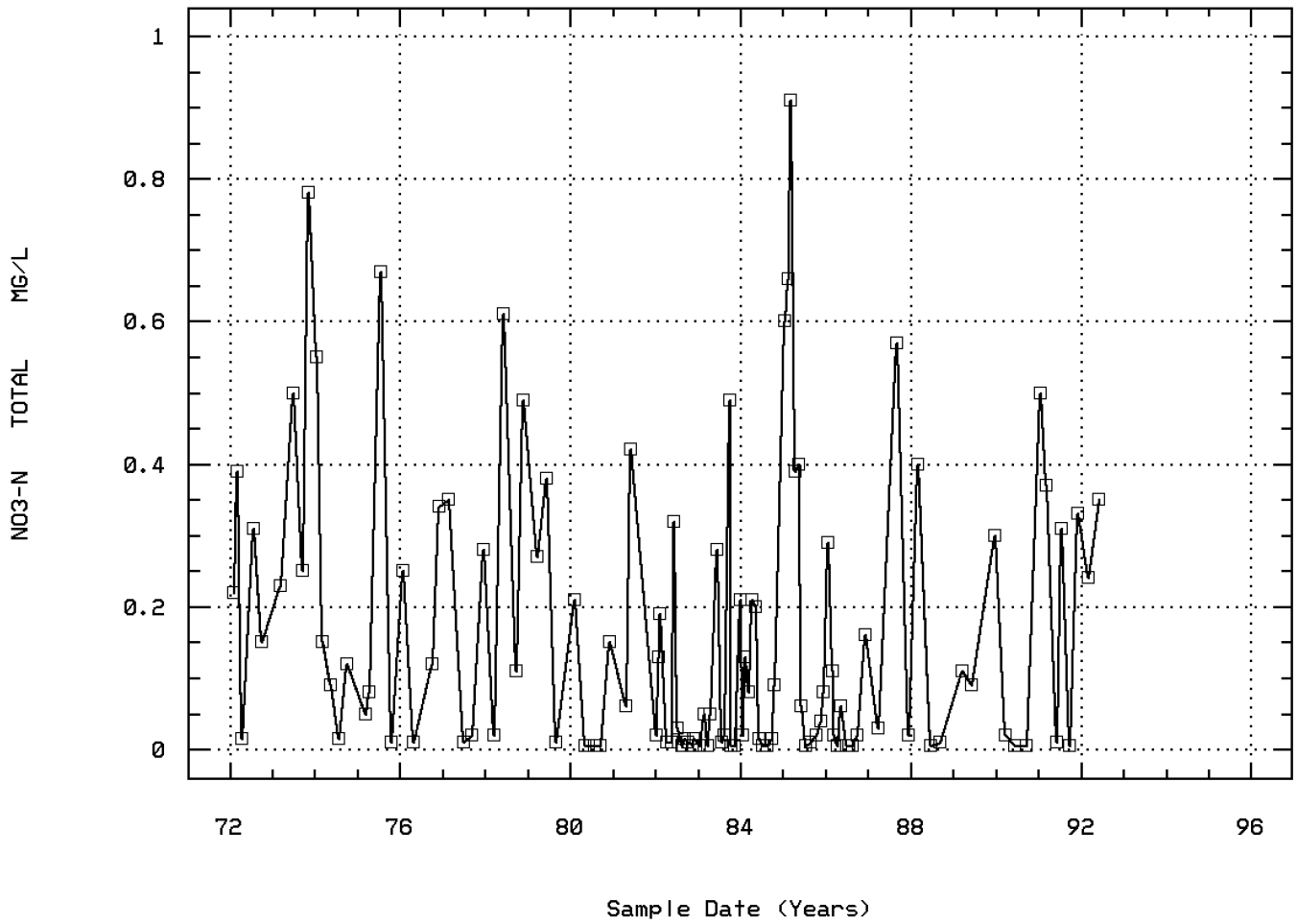
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00620

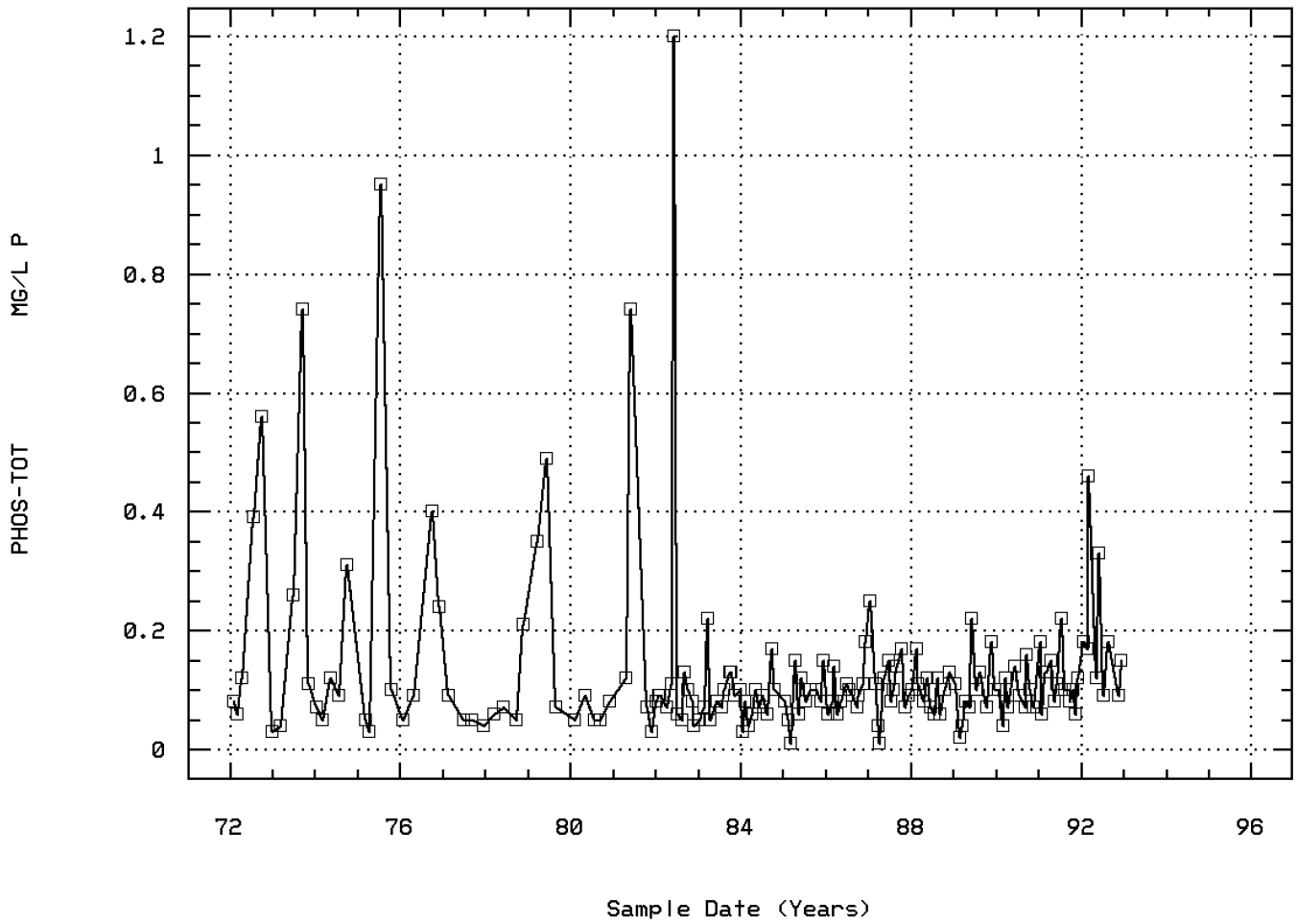
NITRATE NITROGEN, TOTAL (MG/L AS N)



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00665

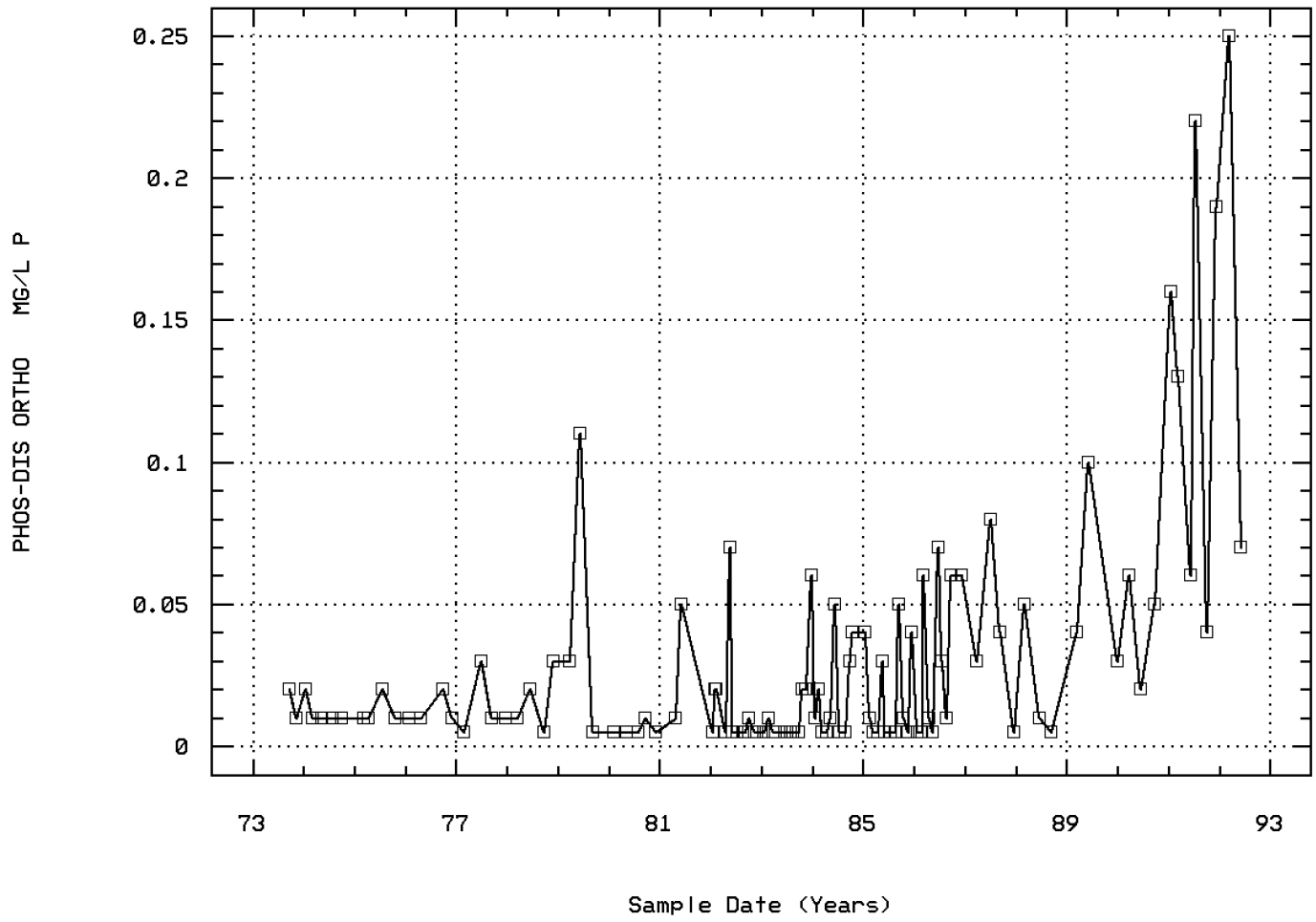
PHOSPHORUS, TOTAL (MG/L AS P)



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00671

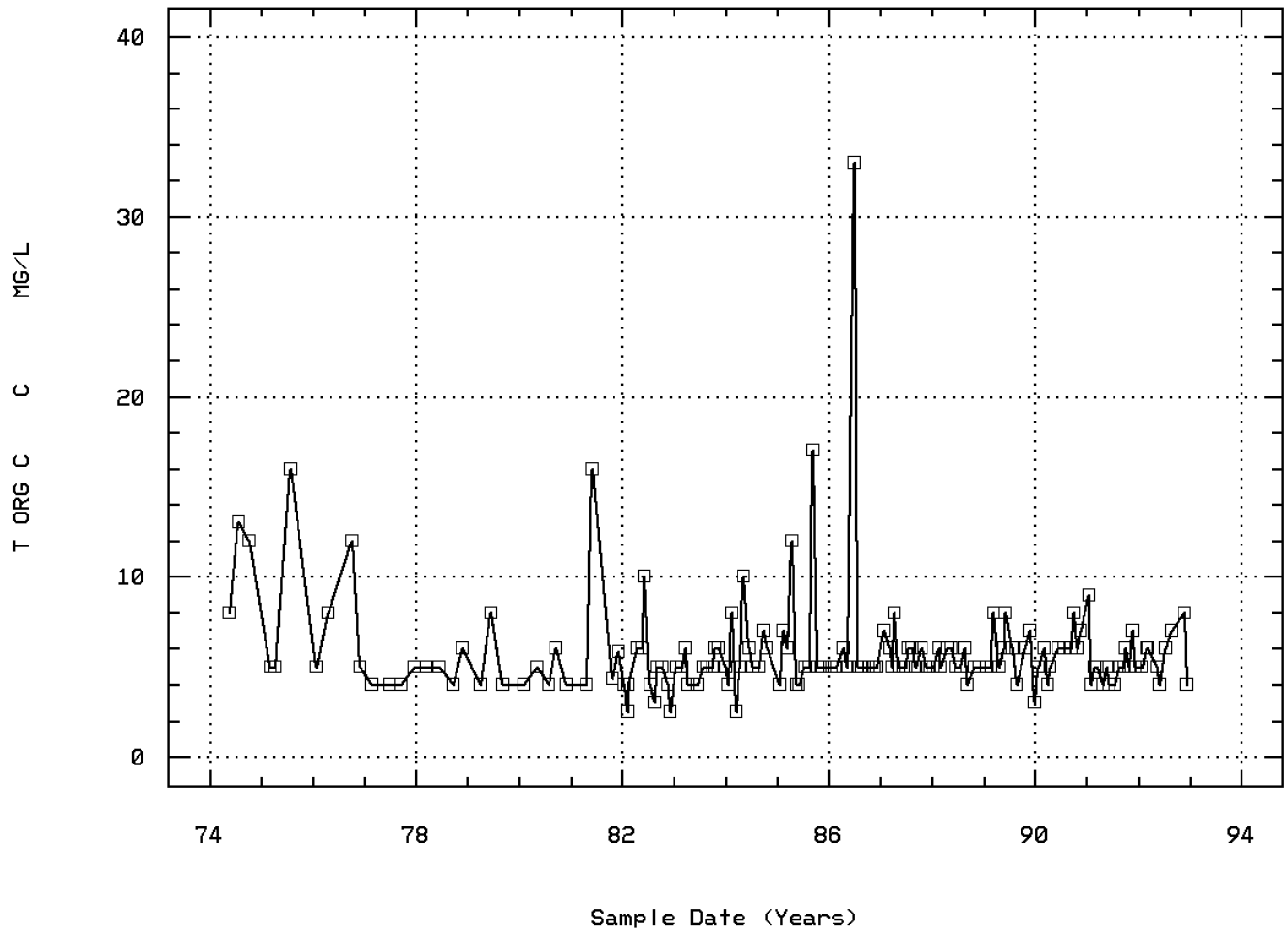
PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (M



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00680

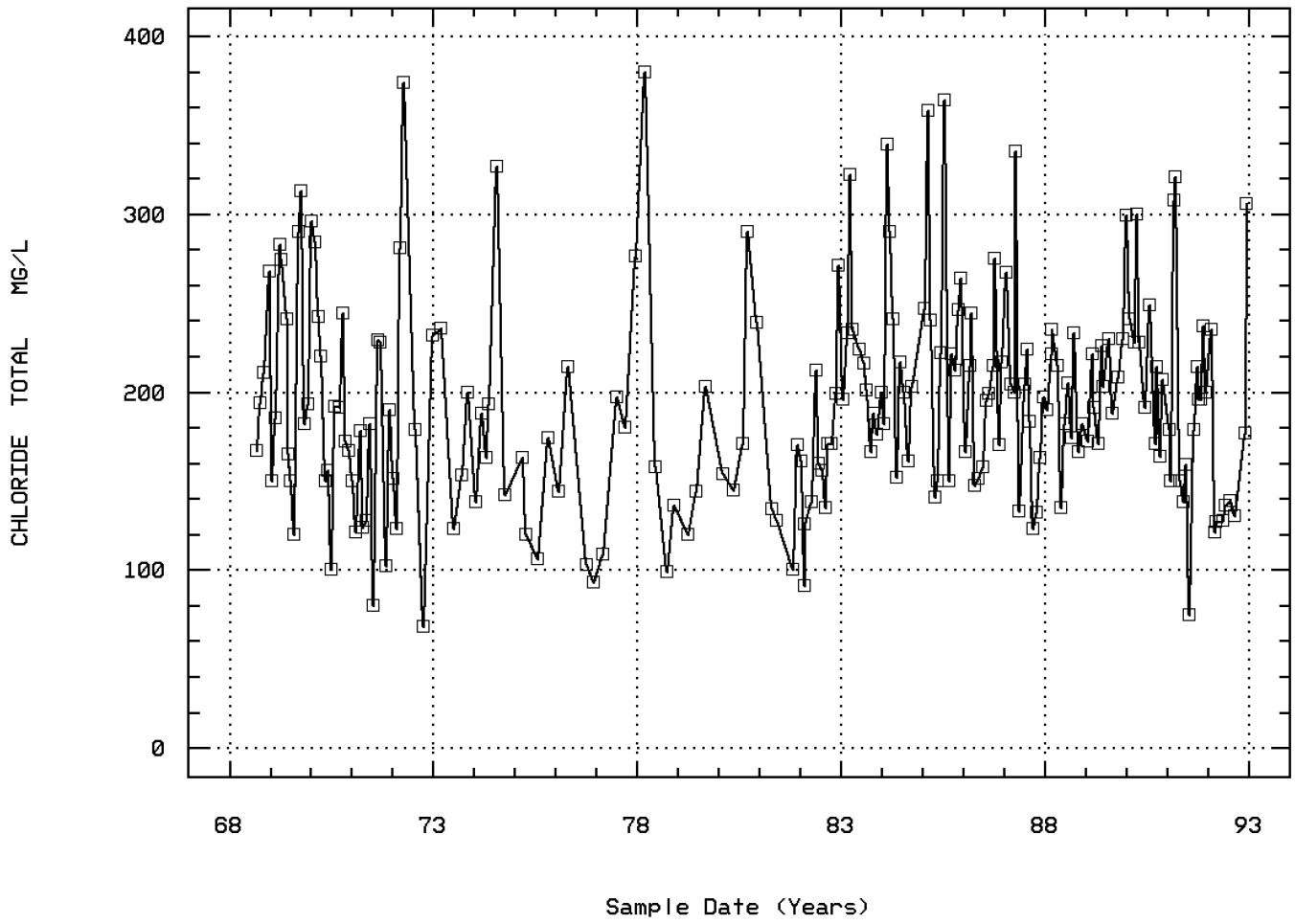
CARBON, TOTAL ORGANIC (MG/L AS C)



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00940

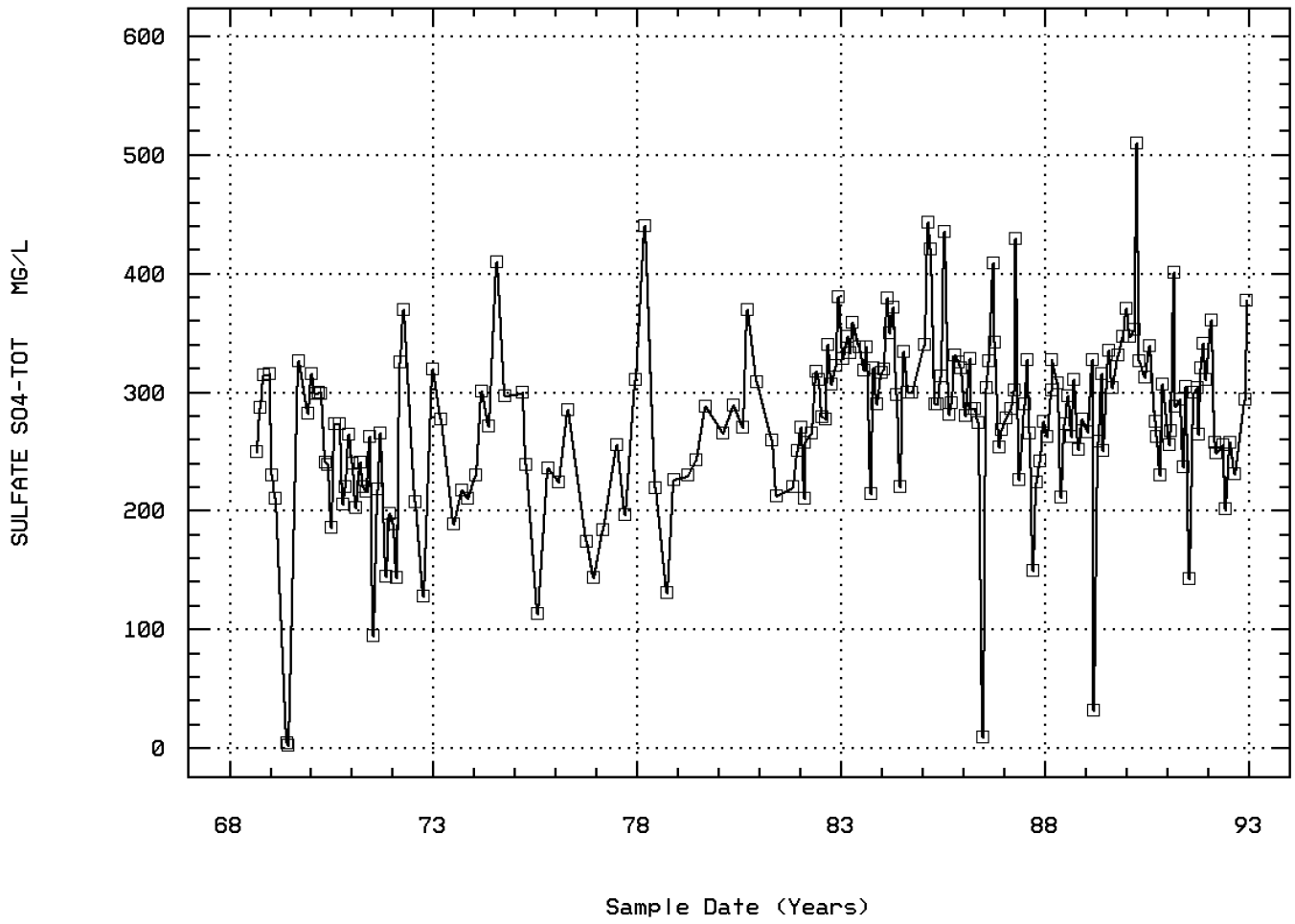
CHLORIDE,TOTAL IN WATER



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00945

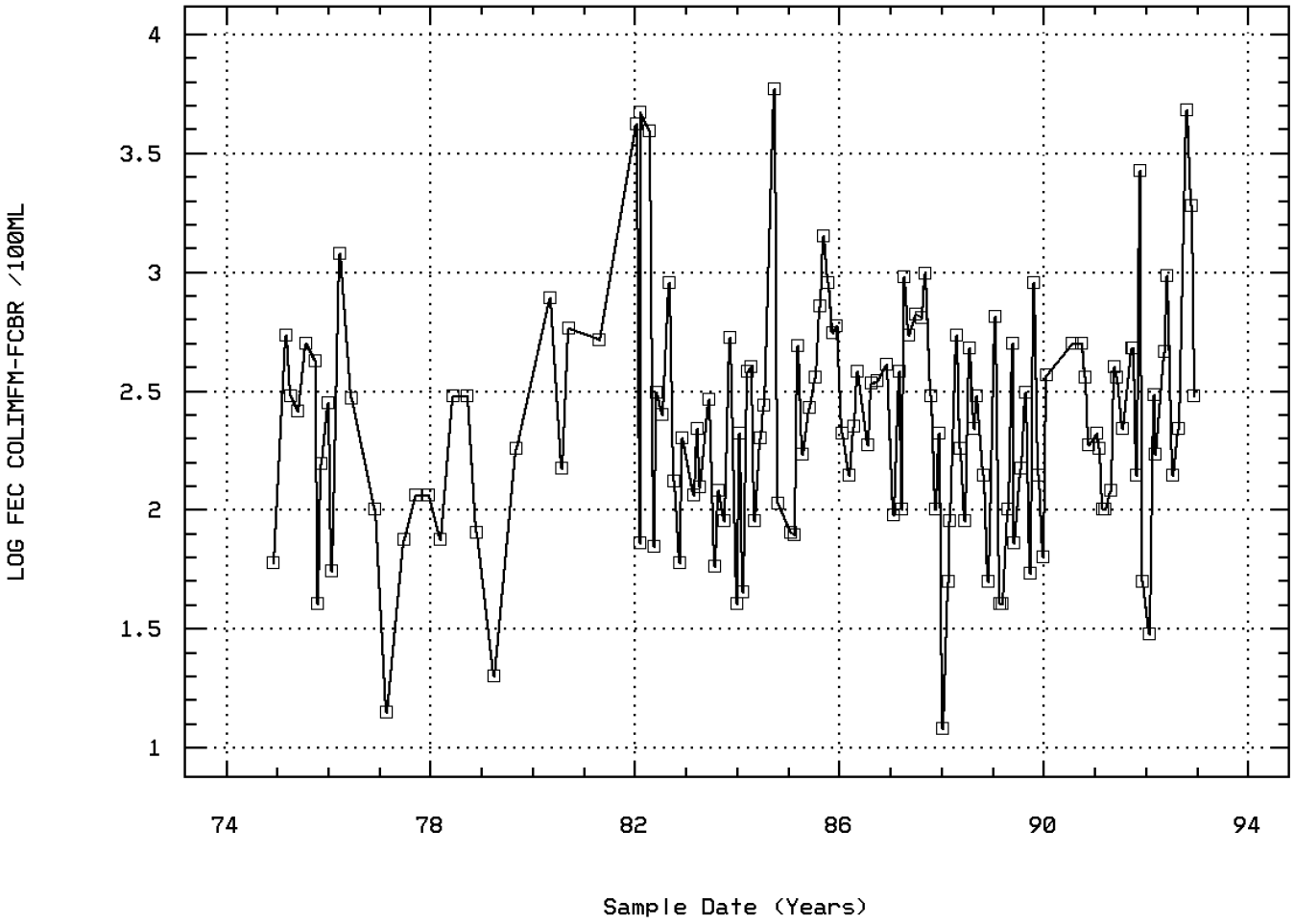
SULFATE, TOTAL (MG/L AS SO4)



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Annual Analysis for 1968 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	4	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	3	26.	25.333	30.	20.	25.333	5.033	**	**	**	**
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/04/68-12/09/85	3	79.	77.667	86.	68.	82.333	9.074	**	**	**	**
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	09/04/68-03/29/79	4	40.	43.75	70.	25.	422.917	20.565	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/68-09/09/87	4	1749.	1738.5	1980.	1476.	42563.667	206.31	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	3	6.5	6.833	8.5	5.5	2.333	1.528	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/87	4	7.95	8.	8.2	7.9	0.02	0.141	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/87	4	7.947	7.984	8.2	7.9	0.02	0.143	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/87	4	0.011	0.01	0.013	0.006	0.	0.003	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	4	202.5	210.	268.	167.	1823.333	42.701	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	4	300.5	291.25	315.	249.	961.583	31.009	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	11	27.	24.373	30.	17.	30.308	5.505	17.02	19.	30.	30.
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/04/68-12/09/85	11	81.	75.964	86.	62.	99.567	9.978	62.16	67.	86.	86.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	09/04/68-03/29/79	12	40.	42.333	90.	20.	346.242	18.608	21.5	30.	50.	79.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/68-09/09/87	12	1670.	1685.167	2208.	1260.	121219.424	348.166	1270.5	1330.	2048.75	2185.8
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	12	7.9	7.942	9.8	6.5	1.472	1.213	6.5	6.6	9.1	9.71
00400p	PH (STANDARD UNITS)	10/02/69-12/08/92	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/02/69-12/08/92	1	8.1	8.1	8.1	8.1	0.	0.	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/69-12/08/92	1	0.008	0.008	0.008	0.008	0.	0.	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/87	10	8.	7.98	8.2	7.8	0.011	0.103	7.81	7.9	8.	8.18
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/87	10	8.	7.969	8.2	7.8	0.011	0.104	7.81	7.9	8.	8.18
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/87	10	0.01	0.011	0.016	0.006	0.	0.002	0.007	0.01	0.013	0.016
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/69-12/08/92	1	8.	8.	8.	8.	0.	0.	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	12	189.	212.167	313.	120.	4214.697	64.921	129.	153.75	280.75	306.1
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	6	220.	175.667	326.	2.	19533.467	139.762	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	12	25.	23.417	31.	9.	41.174	6.417	11.4	18.75	28.75	30.7
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/04/68-12/09/85	12	76.5	73.917	87.	49.	127.174	11.277	52.9	65.5	83.5	86.7
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	09/04/68-03/29/79	12	40.	45.417	90.	20.	333.902	18.273	23.	35.	53.75	82.5
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/68-09/09/87	12	1615.5	1645.167	2178.	1002.	116931.606	341.953	1098.3	1393.5	1959.	2148.3
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	12	7.1	7.817	10.9	6.5	2.389	1.546	6.56	6.7	8.9	10.78
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/87	12	7.9	7.858	8.	7.6	0.023	0.151	7.6	7.725	8.	8.
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/87	12	7.9	7.833	8.	7.6	0.023	0.153	7.6	7.725	8.	8.
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/87	12	0.013	0.015	0.025	0.01	0.	0.006	0.01	0.01	0.019	0.025
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	12	191.5	201.167	296.	100.	3346.333	57.848	115.	158.75	243.5	292.4
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	12	268.5	259.5	315.	186.	1720.091	41.474	191.7	224.75	299.	310.5

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	10	26.3	24.14	29.	13.	30.978	5.566	13.48	19.45	29.	29.
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/04/68-12/09/85	10	79.5	75.8	85.	56.	101.733	10.086	56.8	67.	84.25	85.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	09/04/68-03/29/79	11	60.	77.273	280.	30.	4806.818	69.331	32.	45.	70.	243.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/68-09/09/87	11	1368.	1343.909	1820.	760.	95186.091	308.522	793.	1201.	1575.	1774.6
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	11	7.5	7.173	8.7	5.5	1.058	1.029	5.5	6.5	7.5	8.66
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/87	11	8.	7.973	8.2	7.5	0.034	0.185	7.56	8.	8.1	8.18
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/87	11	8.	7.929	8.2	7.5	0.036	0.191	7.56	8.	8.1	8.18
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/87	11	0.01	0.012	0.032	0.006	0.	0.007	0.007	0.008	0.01	0.028
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	11	150.	155.636	229.	80.	2458.855	49.587	84.4	121.	190.	228.8
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	11	218.	209.	265.	94.	2582.4	50.817	104.	197.	241.	264.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	14	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	13	26.7	23.046	31.1	5.	68.659	8.286	7.44	16.7	29.15	31.1
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/04/68-12/09/85	13	80.	73.462	88.	41.	222.603	14.92	45.4	62.	84.5	88.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	09/04/68-03/29/79	13	45.	88.077	500.	10.	16743.91	129.398	10.	22.5	102.5	352.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/68-09/09/87	7	1351.	1570.714	2475.	720.	388987.238	623.688	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	13	9.1	8.315	11.5	5.1	3.45	1.857	5.66	6.8	9.5	11.18
00400p	PH (STANDARD UNITS)	10/02/69-12/08/92	12	8.15	8.042	8.5	7.3	0.181	0.425	7.36	7.575	8.45	8.5
00400p	CONVERTED PH (STANDARD UNITS)	10/02/69-12/08/92	12	8.147	7.841	8.5	7.3	0.225	0.474	7.36	7.575	8.45	8.5
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/69-12/08/92	12	0.007	0.014	0.05	0.003	0.	0.015	0.003	0.004	0.028	0.045
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/87	7	7.8	7.857	8.1	7.7	0.02	0.14	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/87	7	7.8	7.84	8.1	7.7	0.02	0.141	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/87	7	0.016	0.014	0.02	0.008	0.	0.004	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/02/72-12/08/92	6	98.5	202.667	560.	5.	55024.267	234.573	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/02/72-12/08/92	5	17.	19.4	40.	8.	163.8	12.798	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/02/72-12/08/92	5 ##	0.05	0.07	0.15	0.05	0.002	0.045	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/02/72-06/01/92	5	0.22	0.217	0.39	0.015	0.021	0.145	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/72-12/08/92	6	0.1	0.207	0.56	0.03	0.047	0.217	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	7	179.	201.143	374.	68.	10674.476	103.317	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/29/72-06/30/77	5	230.	231.	325.	150.	6680.	81.731	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	7	207.	240.	369.	128.	9291.667	96.393	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1973 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	12	24.7	24.342	31.1	13.9	28.866	5.373	14.41	21.875	29.3	30.77
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/04/68-12/09/85	12	76.5	75.817	88.	57.	93.885	9.689	57.9	71.375	84.75	87.4
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	09/04/68-03/29/79	10	111.	133.5	390.	0.	15954.5	126.311	1.	25.	231.25	376.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/73-12/08/92	10	1157.5	1199.4	1500.	1000.	33988.267	184.359	1001.5	1036.75	1400.	1490.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/68-09/09/87	4	1376.	1433.25	1840.	1141.	99627.583	315.638	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	12	8.5	7.942	12.5	4.8	4.632	2.152	5.01	5.75	9.25	11.6
00400p	PH (STANDARD UNITS)	10/02/69-12/08/92	12	7.85	7.567	8.5	4.4	1.112	1.054	5.24	7.475	8.	8.41
00400p	CONVERTED PH (STANDARD UNITS)	10/02/69-12/08/92	12	7.847	5.477	8.5	4.4	5.876	2.424	5.24	7.475	8.	8.41
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/69-12/08/92	12	0.014	3.335	39.811	0.003	131.948	11.487	0.004	0.01	0.035	27.886
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/87	4	7.9	7.875	8.2	7.5	0.142	0.377	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/87	4	7.804	7.761	8.2	7.5	0.16	0.4	**	**	**	**

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Annual Analysis for 1973 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/87	4	0.016	0.017	0.032	0.006	0.	0.013	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/02/72-12/08/92	4	400.5	963.5	3030.	23.	1978053.667	1406.433	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/02/72-12/08/92	4	40.5	75.	213.	6.	9066.	95.216	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/02/72-12/08/92	4 ##	0.05	0.088	0.2	0.05	0.006	0.075	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/02/72-06/01/92	4	0.375	0.44	0.78	0.23	0.066	0.258	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/72-12/08/92	4	0.185	0.288	0.74	0.04	0.099	0.315	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/73-06/01/92	2	0.015	0.015	0.02	0.01	0.	0.007	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	4	176.5	178.	236.	123.	2499.333	49.993	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/29/72-06/30/77	11	200.	194.545	360.	83.	5789.273	76.087	89.2	120.	230.	339.6
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	4	213.5	223.25	277.	189.	1425.583	37.757	**	**	**	**

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Annual Analysis for 1974 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	11	25.3	23.773	31.1	15.	22.722	4.767	15.66	20.3	27.3	30.66
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/04/68-12/09/85	11	77.5	74.764	88.	59.	73.621	8.58	60.18	68.5	81.1	87.2
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/03/74-12/08/92	1	1145.	1145.	1145.	1145.	0.	0.	**	**	**	**
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	09/04/68-03/29/79	11	40.	72.	260.	20.	5535.	74.398	20.	25.	90.	239.4
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/73-12/08/92	11	1250.	1293.636	2070.	1000.	84485.455	290.664	1020.	1120.	1350.	1954.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/68-09/09/87	5	1680.	1726.4	2448.	1336.	202284.8	449.761	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	11	8.2	8.309	9.8	6.7	0.827	0.909	6.84	7.7	9.	9.66
00400p	PH (STANDARD UNITS)	10/02/69-12/08/92	11	8.	8.045	8.4	7.8	0.029	0.169	7.82	7.9	8.2	8.36
00400p	CONVERTED PH (STANDARD UNITS)	10/02/69-12/08/92	11	8.	8.018	8.4	7.8	0.03	0.172	7.82	7.9	8.2	8.36
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/69-12/08/92	11	0.01	0.01	0.016	0.004	0.	0.003	0.004	0.006	0.013	0.015
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/87	5	8.	7.94	8.1	7.7	0.033	0.182	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/87	5	8.	7.909	8.1	7.7	0.034	0.185	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/87	5	0.01	0.012	0.02	0.008	0.	0.005	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/02/72-12/08/92	5	51.	100.2	354.	13.	20710.7	143.912	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/02/72-12/08/92	5	15.	15.8	44.	0.	296.2	17.21	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/02/72-12/08/92	5 ##	0.05	0.15	0.4	0.05	0.024	0.154	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/02/72-06/01/92	5	0.12	0.185	0.55	0.015	0.044	0.21	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/72-12/08/92	5	0.09	0.128	0.31	0.05	0.011	0.105	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/73-06/01/92	5	0.01	0.012	0.02	0.01	0.	0.004	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/14/74-12/08/92	3	12.	11.	13.	8.	7.	2.646	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	6	175.5	191.833	327.	138.	4899.767	69.998	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/29/72-06/30/77	10	169.	182.8	348.	122.	4476.4	66.906	122.3	128.	204.5	335.9
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	5	297.	301.8	410.	230.	4458.7	66.773	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	1	60.	60.	60.	60.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	1	1.778	1.778	1.778	1.778	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			60.								

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Annual Analysis for 1975 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	11	25.3	23.909	29.3	15.2	26.909	5.187	15.58	18.2	28.8	29.22
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/04/68-12/09/85	11	77.5	75.018	84.7	59.4	86.66	9.309	60.08	64.8	83.8	84.56
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	09/04/68-03/29/79	11	38.	88.727	425.	21.	14384.218	119.934	21.8	28.	112.	372.6
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/73-12/08/92	12	1210.	1205.583	1550.	767.	52028.629	228.098	818.9	1035.	1370.	1541.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/68-09/09/87	4	1368.	1325.25	1700.	865.	122907.583	350.582	**	**	**	**

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Annual Analysis for 1975 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	12	8.15	8.467	11.8	6.3	2.935	1.713	6.36	6.975	9.575	11.56
00400p	PH (STANDARD UNITS)	10/02/69-12/08/92	12	8.15	8.142	8.5	7.6	0.057	0.239	7.72	8.	8.35	8.47
00400p	CONVERTED PH (STANDARD UNITS)	10/02/69-12/08/92	12	8.147	8.075	8.5	7.6	0.062	0.249	7.72	8.	8.35	8.47
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/69-12/08/92	12	0.007	0.008	0.025	0.003	0.	0.006	0.003	0.005	0.01	0.021
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/87	4	8.	7.9	8.2	7.4	0.127	0.356	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/87	4	7.989	7.778	8.2	7.4	0.146	0.383	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/87	4	0.01	0.017	0.04	0.006	0.	0.016	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/02/72-12/08/92	4	36.5	330.5	1220.	29.	351665.667	593.014	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/02/72-12/08/92	4	11.	32.5	100.	8.	2027.667	45.03	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/02/72-12/08/92	4 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/02/72-06/01/92	4	0.065	0.203	0.67	0.01	0.098	0.313	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/72-12/08/92	4	0.075	0.283	0.95	0.03	0.199	0.446	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/73-06/01/92	4	0.01	0.013	0.02	0.01	0.	0.005	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/14/74-12/08/92	4	5.	6.75	16.	1.	41.583	6.449	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	4	141.5	140.75	174.	106.	1079.583	32.857	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/29/72-06/30/77	10	177.5	170.3	250.	114.	1717.567	41.444	114.4	129.25	191.75	244.7
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	4	237.5	222.	300.	113.	6150.	78.422	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	8	290.	312.	540.	40.	28740.571	169.53	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	8	2.462	2.399	2.732	1.602	0.134	0.366	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			250.398								

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Annual Analysis for 1976 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	10	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	10	25.85	23.74	30.6	14.	30.74	5.544	14.2	19.375	28.25	30.41
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/04/68-12/09/85	10	78.6	74.75	87.1	57.2	99.838	9.992	57.56	66.875	82.875	86.76
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	09/04/68-03/29/79	9	45.	99.222	290.	27.	9820.194	99.097	27.	29.	192.5	290.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/73-12/08/92	10	1140.	1214.2	1680.	890.	95016.4	308.247	890.2	913.	1537.5	1677.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/68-09/09/87	4	1155.	1261.25	1790.	945.	152206.25	390.136	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	10	8.45	8.28	11.5	6.	2.757	1.661	6.03	6.75	9.3	11.31
00400p	PH (STANDARD UNITS)	10/02/69-12/08/92	10	8.	8.	8.4	7.6	0.062	0.249	7.61	7.85	8.15	8.39
00400p	CONVERTED PH (STANDARD UNITS)	10/02/69-12/08/92	10	7.989	7.937	8.4	7.6	0.067	0.258	7.61	7.85	8.15	8.39
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/69-12/08/92	10	0.01	0.012	0.025	0.004	0.	0.007	0.004	0.007	0.014	0.025
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/87	4	8.	7.975	8.1	7.8	0.022	0.15	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/87	4	7.989	7.955	8.1	7.8	0.023	0.152	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/87	4	0.01	0.011	0.016	0.008	0.	0.004	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/69-12/08/92	2	136.	136.	144.	128.	128.	11.314	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/02/72-12/08/92	3	355.	273.333	437.	28.	46822.333	216.385	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/02/72-12/08/92	3	32.	25.	38.	5.	309.	17.578	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/02/72-12/08/92	4 ##	0.075	0.078	0.11	0.05	0.001	0.032	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/02/72-06/01/92	4	0.185	0.18	0.34	0.01	0.021	0.145	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/72-12/08/92	4	0.165	0.195	0.4	0.05	0.025	0.159	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/73-06/01/92	4	0.01	0.013	0.02	0.01	0.	0.005	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/14/74-12/08/92	4	6.5	7.5	12.	5.	11.	3.317	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	4	123.5	138.5	214.	93.	3020.333	54.958	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/29/72-06/30/77	9	148.	136.111	205.	87.	1852.611	43.042	87.	97.	171.	205.
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	4	199.	206.5	285.	143.	3852.333	62.067	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	4	197.5	412.5	1200.	55.	286475.	535.234	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	4	2.235	2.322	3.079	1.74	0.346	0.588	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			210.059								

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Annual Analysis for 1977 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	4	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	4	24.1	24.2	29.3	19.3	26.82	5.179	**	**	**	**
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/04/68-12/09/85	4	75.4	75.55	84.7	66.7	86.697	9.311	**	**	**	**
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	09/04/68-03/29/79	4	38.5	41.75	55.	35.	82.25	9.069	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/73-12/08/92	4	1205.	1297.5	1700.	1080.	84291.667	290.33	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/68-09/09/87	4	1492.	1542.	2134.	1050.	213778.667	462.362	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	4	9.	8.875	9.4	8.1	0.309	0.556	**	**	**	**
00400p	PH (STANDARD UNITS)	10/02/69-12/08/92	4	7.85	7.825	8.	7.6	0.029	0.171	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/02/69-12/08/92	4	7.847	7.799	8.	7.6	0.03	0.173	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/69-12/08/92	4	0.014	0.016	0.025	0.01	0.	0.007	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/87	4	8.05	8.	8.1	7.8	0.02	0.141	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/87	4	8.047	7.982	8.1	7.8	0.02	0.143	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/87	4	0.009	0.01	0.016	0.008	0.	0.004	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/69-12/08/92	4	137.	146.5	188.	124.	883.667	29.727	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/02/72-12/08/92	4	47.	59.75	115.	30.	1437.583	37.915	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/02/72-12/08/92	4	11.	10.	14.	4.	18.667	4.32	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/02/72-12/08/92	4 ##	0.05	0.063	0.1	0.05	0.001	0.025	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/02/72-06/01/92	4	0.15	0.165	0.35	0.01	0.031	0.176	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/72-12/08/92	4	0.05	0.058	0.09	0.04	0.	0.022	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/73-06/01/92	4	0.01	0.014	0.03	0.005	0.	0.011	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/14/74-12/08/92	4	4.	4.25	5.	4.	0.25	0.5	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	4	188.5	190.5	276.	109.	4701.667	68.569	**	**	**	**
00941	CHLORIDE, DISSOLVED IN WATER MG/L	08/29/72-06/30/77	2	148.	148.	186.	110.	2888.	53.74	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	4	225.5	236.25	310.	184.	3380.25	58.14	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	4	95.	79.75	115.	14.	2276.917	47.717	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	4	1.968	1.786	2.061	1.146	0.189	0.435	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			61.044								

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Annual Analysis for 1978 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	4	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	4	27.7	26.3	29.8	20.	21.287	4.614	**	**	**	**
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/04/68-12/09/85	4	81.9	79.35	85.6	68.	68.937	8.303	**	**	**	**
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	09/04/68-03/29/79	4	60.	73.75	170.	5.	5056.25	71.107	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/73-12/08/92	4	1055.	1235.	2100.	730.	356433.333	597.02	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/68-09/09/87	4	1239.	1540.5	2864.	820.	817558.333	904.189	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	4	9.1	8.925	9.6	7.9	0.689	0.83	**	**	**	**
00400p	PH (STANDARD UNITS)	10/02/69-12/08/92	4	8.15	8.175	8.5	7.9	0.076	0.275	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/02/69-12/08/92	4	8.125	8.114	8.5	7.9	0.081	0.284	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/69-12/08/92	4	0.008	0.008	0.013	0.003	0.	0.004	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/87	4	7.95	8.05	8.6	7.7	0.15	0.387	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/87	4	7.947	7.948	8.6	7.7	0.164	0.405	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/87	4	0.011	0.011	0.02	0.003	0.	0.007	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/69-12/08/92	4	106.5	131.25	226.	86.	4111.583	64.122	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/02/72-12/08/92	4	59.5	119.5	329.	30.	20100.333	141.776	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/02/72-12/08/92	4	13.	18.5	44.	4.	323.667	17.991	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/02/72-12/08/92	4 ##	0.035	0.035	0.06	0.01	0.001	0.024	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/02/72-06/01/92	4	0.3	0.308	0.61	0.02	0.082	0.287	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/72-12/08/92	4	0.065	0.098	0.21	0.05	0.006	0.075	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/73-06/01/92	4	0.015	0.016	0.03	0.005	0.	0.011	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/14/74-12/08/92	4	5.	5.	6.	4.	0.667	0.816	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	4	147.	193.25	380.	99.	16092.917	126.858	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	4	222.5	254.	440.	131.	17244.667	131.319	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	4	190.	188.75	300.	75.	16506.25	128.477	**	**	**	**

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Annual Analysis for 1978 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	4	2.19	2.183	2.477	1.875	0.115	0.34	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			152.44								

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Annual Analysis for 1979 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	3	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	3	27.5	26.6	30.3	22.	17.83	4.223	**	**	**	**
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/04/68-12/09/85	3	81.5	80.	86.5	72.	54.25	7.365	**	**	**	**
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	09/04/68-03/29/79	1	72.	72.	72.	72.	0.	0.	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/73-12/08/92	3	1180.	1210.	1420.	1030.	38700.	196.723	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/68-09/09/87	3	1360.	1425.	1694.	1221.	59101.	243.107	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	3	7.9	7.767	8.9	6.5	1.453	1.206	**	**	**	**
00400p	PH (STANDARD UNITS)	10/02/69-12/08/92	3	8.1	8.033	8.2	7.8	0.043	0.208	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/02/69-12/08/92	3	8.1	7.999	8.2	7.8	0.045	0.212	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/69-12/08/92	3	0.008	0.01	0.016	0.006	0.	0.005	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/87	3	8.2	8.067	8.2	7.8	0.053	0.231	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/87	3	8.2	8.023	8.2	7.8	0.056	0.237	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/87	3	0.006	0.009	0.016	0.006	0.	0.006	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/69-12/08/92	3	134.	134.	142.	126.	64.	8.	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/02/72-12/08/92	3	194.	319.667	740.	25.	139650.333	373.698	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/02/72-12/08/92	3	13.	24.	55.	4.	741.	27.221	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/02/72-12/08/92	3	0.02	0.037	0.08	0.01	0.001	0.038	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/02/72-06/01/92	3	0.27	0.22	0.38	0.01	0.036	0.19	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/72-12/08/92	3	0.35	0.303	0.49	0.07	0.046	0.214	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/73-06/01/92	3	0.03	0.048	0.11	0.005	0.003	0.055	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/14/74-12/08/92	3	4.	5.333	8.	4.	5.333	2.309	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	3	144.	155.667	203.	120.	1824.333	42.712	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	3	243.	253.667	288.	230.	926.333	30.436	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	2	100.	100.	180.	20.	12800.	113.137	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	2	1.778	1.778	2.255	1.301	0.455	0.675	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			60.								

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Annual Analysis for 1980 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	5	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	5	25.8	23.66	29.4	14.8	41.378	6.433	**	**	**	**
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/04/68-12/09/85	5	78.4	74.58	84.9	58.6	134.142	11.582	**	**	**	**
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/03/74-12/08/92	1	60.	60.	60.	60.	0.	0.	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/73-12/08/92	5	1550.	1577.2	2000.	1300.	72799.2	269.813	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/68-09/09/87	5	1500.	1717.8	2282.	1458.	128166.2	358.003	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	5	8.7	9.58	14.1	7.3	7.437	2.727	**	**	**	**
00400p	PH (STANDARD UNITS)	10/02/69-12/08/92	5	8.	7.96	8.4	7.4	0.133	0.365	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/02/69-12/08/92	5	8.	7.828	8.4	7.4	0.155	0.393	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/69-12/08/92	5	0.01	0.015	0.04	0.004	0.	0.014	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/87	5	8.3	8.3	8.5	8.1	0.025	0.158	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/87	5	8.3	8.277	8.5	8.1	0.026	0.16	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/87	5	0.005	0.005	0.008	0.003	0.	0.002	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/69-12/08/92	5	146.	141.6	160.	110.	356.8	18.889	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/02/72-12/08/92	5	50.	68.6	142.	34.	1849.8	43.009	**	**	**	**

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Annual Analysis for 1980 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/02/72-12/08/92	5	8.	9.	11.	7.	3.5	1.871	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/02/72-12/08/92	5 ##	0.01	0.024	0.07	0.01	0.001	0.026	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/02/72-06/01/92	5 ##	0.005	0.075	0.21	0.005	0.01	0.098	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/72-12/08/92	5	0.05	0.064	0.09	0.05	0.	0.019	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/73-06/01/92	5 ##	0.005	0.006	0.01	0.005	0.	0.002	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/14/74-12/08/92	5	4.	4.6	6.	4.	0.8	0.894	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	5	171.	199.8	290.	145.	3900.7	62.456	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	5	289.	300.2	369.	265.	1767.7	42.044	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	3	580.	503.333	780.	150.	103633.333	321.921	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	3	2.763	2.611	2.892	2.176	0.146	0.382	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			407.885								

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Annual Analysis for 1981 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	4	1.	1.	1.	1.	0.	0.	**	**	**	**
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	4	25.4	25.4	28.8	22.	7.713	2.777	**	**	**	**
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/04/68-12/09/85	2	80.65	80.65	83.8	77.5	19.845	4.455	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/73-12/08/92	2	1070.	1070.	1140.	1000.	9800.	98.995	**	**	**	**
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/68-09/09/87	4	1200.	1171.25	1332.	953.	25042.25	158.247	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	4	8.45	7.925	8.9	5.9	1.949	1.396	**	**	**	**
00400p	PH (STANDARD UNITS)	10/02/69-12/08/92	4	8.2	7.95	8.3	7.1	0.323	0.569	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/02/69-12/08/92	4	8.2	7.615	8.3	7.1	0.473	0.688	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/69-12/08/92	4	0.006	0.024	0.079	0.005	0.001	0.037	**	**	**	**
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/87	2	8.25	8.25	8.5	8.	0.125	0.354	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/87	2	8.182	8.182	8.5	8.	0.134	0.367	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/87	2	0.007	0.007	0.01	0.003	0.	0.005	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/69-12/08/92	2	117.	117.	124.	110.	98.	9.899	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/02/72-12/08/92	4	85.5	270.75	860.	52.	155271.583	394.045	**	**	**	**
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/02/72-12/08/92	4	18.5	26.25	63.	5.	648.917	25.474	**	**	**	**
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/02/72-12/08/92	3	0.04	0.043	0.07	0.02	0.001	0.025	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/02/72-06/01/92	2	0.24	0.24	0.42	0.06	0.065	0.255	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/72-12/08/92	4	0.095	0.24	0.74	0.03	0.112	0.335	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/73-06/01/92	2	0.03	0.03	0.05	0.01	0.001	0.028	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/14/74-12/08/92	4	5.05	7.525	16.	4.	32.543	5.705	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	4	131.	133.	170.	100.	828.	28.775	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	4	235.	235.25	259.	212.	518.25	22.765	**	**	**	**
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	1	520.	520.	520.	520.	0.	0.	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	1	2.716	2.716	2.716	2.716	0.	0.	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			520.								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	12	25.45	22.217	29.4	10.	41.763	6.462	10.84	17.175	27.475	29.01
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/04/68-12/09/85	12	77.8	71.983	84.9	50.	135.34	11.634	51.5	62.9	81.425	84.21
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/03/74-12/08/92	3	1000.	1016.667	1100.	950.	5833.333	76.376	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/11/82-04/16/90	8	7.5	7.75	10.	6.	1.643	1.282	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/73-12/08/92	12	1035.	1110.167	1614.	900.	53185.97	230.621	909.	937.5	1198.25	1582.8
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/68-09/09/87	12	1497.	1499.083	1892.	1102.	54919.174	234.348	1157.8	1322.	1719.	1864.4

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1982 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	12	8.55	8.475	11.3	6.1	2.335	1.528	6.37	7.175	9.25	11.15
00400p	PH (STANDARD UNITS)	10/02/69-12/08/92	12	7.85	7.8	8.1	7.2	0.096	0.31	7.23	7.575	8.075	8.1
00400p	CONVERTED PH (STANDARD UNITS)	10/02/69-12/08/92	12	7.847	7.683	8.1	7.2	0.111	0.333	7.23	7.575	8.075	8.1
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/69-12/08/92	12	0.014	0.021	0.063	0.008	0.	0.018	0.008	0.008	0.028	0.059
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/87	12	8.05	7.992	8.2	7.3	0.059	0.243	7.45	8.	8.1	8.2
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/87	12	8.047	7.902	8.2	7.3	0.068	0.26	7.45	8.	8.1	8.2
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/87	12	0.009	0.013	0.05	0.006	0.	0.012	0.006	0.008	0.01	0.04
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/69-12/08/92	12	137.5	142.5	192.	114.	702.455	26.504	115.2	119.25	167.	187.2
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/02/72-12/08/92	12	38.	95.833	726.	18.	39572.152	198.928	19.5	28.5	54.75	527.7
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/02/72-12/08/92	12	8.5	13.833	58.	2.	242.697	15.579	2.9	5.	18.5	48.4
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/02/72-12/08/92	12	0.04	0.05	0.1	0.01	0.001	0.03	0.015	0.025	0.078	0.097
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/02/72-06/01/92	12	0.015	0.063	0.32	0.005	0.01	0.1	0.005	0.01	0.105	0.281
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/72-12/08/92	12	0.085	0.175	1.2	0.04	0.105	0.324	0.043	0.063	0.108	0.879
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/73-06/01/92	12 ##	0.005	0.013	0.07	0.005	0.	0.019	0.005	0.005	0.018	0.055
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/14/74-12/08/92	12	4.	4.667	10.	2.5	4.197	2.049	2.5	3.25	5.75	8.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	12	160.5	165.917	271.	91.	2128.265	46.133	101.5	135.75	192.	253.3
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	12	292.5	294.417	380.	210.	1961.72	44.291	224.1	266.25	320.75	368.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	12	225.	1233.667	4700.	10.	3428782.424	1851.697	25.	70.5	3150.	4550.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	12	2.349	2.469	3.672	1.	0.712	0.844	1.233	1.848	3.432	3.657
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			294.676								

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Annual Analysis for 1983 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	11	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	11	24.	22.618	30.2	5.1	56.314	7.504	7.08	19.	29.	30.2
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/04/68-12/09/85	11	75.2	72.727	86.4	41.2	182.546	13.511	44.76	66.2	84.2	86.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/03/74-12/08/92	6	215.	283.667	600.	100.	44176.667	210.182	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/11/82-04/16/90	10	10.	10.	12.	7.	2.889	1.7	7.1	8.75	12.	12.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/73-12/08/92	11	1440.	1439.091	1900.	790.	116154.691	340.815	832.	1230.	1726.	1878.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/68-09/09/87	11	1793.	1800.091	2192.	1328.	52512.291	229.156	1388.	1672.	1936.	2169.6
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	10	9.75	9.75	12.	6.8	2.934	1.713	6.86	8.6	11.275	11.98
00400p	PH (STANDARD UNITS)	10/02/69-12/08/92	10	8.	8.12	9.	7.3	0.344	0.587	7.33	7.675	8.675	8.99
00400p	CONVERTED PH (STANDARD UNITS)	10/02/69-12/08/92	10	7.955	7.835	9.	7.3	0.434	0.659	7.33	7.675	8.675	8.99
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/69-12/08/92	10	0.011	0.015	0.05	0.001	0.	0.015	0.001	0.002	0.021	0.048
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/87	11	8.1	8.191	8.8	7.9	0.081	0.284	7.9	8.	8.4	8.74
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/87	11	8.1	8.121	8.8	7.9	0.086	0.294	7.9	8.	8.4	8.74
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/87	11	0.008	0.008	0.013	0.002	0.	0.004	0.002	0.004	0.01	0.013
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/69-12/08/92	11	129.	129.091	180.	90.	846.691	29.098	91.8	100.	154.	175.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/02/72-12/08/92	11	34.	41.091	77.	24.	324.091	18.003	24.6	29.	55.	75.6
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/02/72-12/08/92	11	9.	10.	20.	3.	27.4	5.235	3.2	6.	15.	19.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/02/72-12/08/92	11	0.06	0.086	0.19	0.01	0.004	0.062	0.012	0.04	0.13	0.188
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/02/72-06/01/92	11	0.02	0.103	0.49	0.005	0.025	0.159	0.005	0.005	0.21	0.448
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/72-12/08/92	11	0.09	0.099	0.22	0.05	0.002	0.048	0.05	0.07	0.13	0.202
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/73-06/01/92	11 ##	0.005	0.013	0.06	0.005	0.	0.017	0.005	0.005	0.02	0.052
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/14/74-12/08/92	11	5.	5.091	6.	4.	0.491	0.701	4.	5.	6.	6.
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	11	201.	214.273	322.	166.	1768.218	42.05	168.	188.	233.	304.6
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	11	328.	318.182	358.	214.	1517.364	38.953	229.2	316.	338.	355.8
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	9	120.	176.333	530.	40.	23703.	153.958	40.	74.	255.	530.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	9	2.079	2.12	2.724	1.602	0.12	0.347	1.602	1.859	2.402	2.724
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			131.897								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1984 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	10	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	10	27.5	25.32	28.8	11.1	28.837	5.37	12.19	24.4	28.05	28.74
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/04/68-12/09/85	10	81.5	77.59	83.8	52.	93.377	9.663	53.96	75.95	82.5	83.7
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/03/74-12/08/92	8	135.	137.5	220.	10.	4992.857	70.66	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/11/82-04/16/90	8	10.	11.75	21.	8.	21.643	4.652	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/73-12/08/92	10	1400.	1458.8	2160.	1100.	112591.956	335.547	1107.	1181.25	1735.5	2124.
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/68-09/09/87	10	1771.	1870.1	2448.	1540.	114047.656	337.709	1543.3	1593.25	2180.	2441.6
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	10	7.45	8.39	12.	6.6	4.188	2.046	6.63	7.05	10.175	11.99
00400p	PH (STANDARD UNITS)	10/02/69-12/08/92	10	7.8	7.64	8.4	6.8	0.314	0.56	6.81	7.05	8.05	8.38
00400p	CONVERTED PH (STANDARD UNITS)	10/02/69-12/08/92	10	7.789	7.331	8.4	6.8	0.42	0.648	6.81	7.05	8.05	8.38
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/69-12/08/92	10	0.016	0.047	0.158	0.004	0.003	0.056	0.004	0.009	0.091	0.155
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/87	10	8.3	8.26	8.6	7.9	0.034	0.184	7.92	8.175	8.325	8.58
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/87	10	8.3	8.224	8.6	7.9	0.035	0.188	7.92	8.175	8.325	8.58
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/87	10	0.005	0.006	0.013	0.003	0.	0.003	0.003	0.005	0.007	0.012
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/69-12/08/92	10	142.	154.9	246.	115.	1428.767	37.799	116.6	131.75	175.	239.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/02/72-12/08/92	10	30.5	37.8	81.	5.	645.067	25.398	5.6	21.5	57.	80.7
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/02/72-12/08/92	10	6.	7.15	15.	2.5	13.781	3.712	2.65	4.75	10.	14.5
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/02/72-12/08/92	10	0.038	0.05	0.12	0.01	0.002	0.041	0.01	0.01	0.09	0.117
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/02/72-06/01/92	10	0.05	0.077	0.21	0.005	0.006	0.08	0.005	0.013	0.148	0.209
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/72-12/08/92	10	0.075	0.08	0.17	0.03	0.002	0.039	0.031	0.055	0.1	0.163
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/73-06/01/92	10	0.01	0.018	0.05	0.005	0.	0.017	0.005	0.005	0.033	0.049
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/14/74-12/08/92	10	5.5	5.85	10.	2.5	4.447	2.109	2.65	4.75	7.25	9.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	9	203.	220.556	339.	152.	3718.278	60.978	152.	171.5	265.5	339.
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	9	319.	319.	379.	220.	2306.75	48.029	220.	299.	360.5	379.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	9	210.	845.111	5900.	45.	3608446.361	1899.591	45.	98.	390.	5900.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	9	2.322	2.405	3.771	1.653	0.358	0.599	1.653	1.99	2.591	3.771
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			254.295								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	12	26.5	24.625	30.6	12.	33.244	5.766	12.87	22.725	28.95	30.27
00011p	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/04/68-12/09/85	10	79.7	75.96	87.1	53.6	129.02	11.359	54.12	68.775	84.8	86.9
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/03/74-12/08/92	7	120.	114.143	250.	38.	5080.81	71.28	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/11/82-04/16/90	11	11.	11.	15.	8.	5.	2.236	8.	9.	13.	14.6
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/73-12/08/92	12	1579.	1581.333	2400.	1150.	135303.879	367.837	1159.	1300.	1842.75	2270.1
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/68-09/09/87	9	1859.	1975.333	2919.	1480.	261330.5	511.205	1480.	1492.5	2346.	2919.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	12	8.5	8.608	11.4	6.5	1.743	1.32	6.77	7.65	9.6	10.89
00400p	PH (STANDARD UNITS)	10/02/69-12/08/92	12	7.5	7.358	8.25	6.3	0.573	0.757	6.33	6.538	8.075	8.205
00400p	CONVERTED PH (STANDARD UNITS)	10/02/69-12/08/92	12	7.337	6.86	8.25	6.3	0.844	0.918	6.33	6.538	8.075	8.205
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/69-12/08/92	12	0.046	0.138	0.501	0.006	0.031	0.177	0.006	0.008	0.293	0.47
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/87	9	8.1	8.067	8.3	7.8	0.035	0.187	7.8	7.9	8.25	8.3
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/87	9	8.1	8.03	8.3	7.8	0.036	0.191	7.8	7.9	8.25	8.3
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/87	9	0.008	0.009	0.016	0.005	0.	0.004	0.005	0.006	0.013	0.016
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/69-12/08/92	12	158.5	163.25	232.	120.	1177.841	34.32	122.4	136.	174.	229.3
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/02/72-12/08/92	12	49.	56.25	139.	16.	1404.205	37.473	16.3	31.	66.	132.1
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/02/72-12/08/92	12	8.	7.5	12.	1.	13.364	3.656	1.	5.25	10.75	11.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/02/72-12/08/92	11	0.025	0.054	0.26	0.01	0.006	0.075	0.01	0.01	0.05	0.23
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/02/72-06/01/92	11	0.08	0.289	0.91	0.005	0.103	0.321	0.006	0.02	0.6	0.86
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/72-12/08/92	11	0.08	0.089	0.15	0.01	0.002	0.042	0.018	0.06	0.12	0.15
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/73-06/01/92	12 ##	0.008	0.018	0.05	0.005	0.	0.017	0.005	0.005	0.038	0.047
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/14/74-12/08/92	11	5.	6.727	17.	4.	16.818	4.101	4.	4.	7.	16.
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	12	231.	234.583	364.	141.	5188.992	72.035	143.7	165.5	259.75	362.2
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	12	322.5	339.917	443.	281.	3486.447	59.046	283.7	290.25	400.	440.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1985 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	11	490.	512.273	1420.	78.	160077.218	400.097	78.4	170.	720.	1316.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	11	2.69	2.562	3.152	1.892	0.169	0.412	1.894	2.23	2.857	3.113
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			364.897								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1986 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	12	28.05	25.567	30.	15.9	21.766	4.665	16.83	22.175	29.25	29.82
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/03/74-12/08/92	9	120.	144.778	600.	3.	33370.444	182.676	3.	30.	175.	600.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/11/82-04/16/90	12	10.	9.75	12.	7.	2.568	1.603	7.3	8.25	11.	12.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/73-12/08/92	11	1620.	1506.909	1809.	1136.	62042.491	249.083	1146.8	1240.	1720.	1808.4
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/68-09/09/87	10	1602.5	1623.9	1971.	1254.	46314.322	215.208	1271.7	1485.	1798.5	1962.9
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	12	8.05	8.308	10.6	5.8	2.203	1.484	5.98	7.5	9.425	10.51
00400p	PH (STANDARD UNITS)	10/02/69-12/08/92	12	8.	7.913	8.9	6.25	0.447	0.669	6.535	7.75	8.275	8.78
00400p	CONVERTED PH (STANDARD UNITS)	10/02/69-12/08/92	12	8.	7.225	8.9	6.25	0.962	0.981	6.535	7.75	8.275	8.78
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/69-12/08/92	12	0.01	0.06	0.562	0.001	0.025	0.159	0.002	0.005	0.018	0.413
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/87	10	8.1	8.08	8.4	7.5	0.057	0.239	7.55	8.	8.225	8.39
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/87	10	8.1	8.006	8.4	7.5	0.063	0.252	7.55	8.	8.225	8.39
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/87	10	0.008	0.01	0.032	0.004	0.	0.008	0.004	0.006	0.01	0.029
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/69-12/08/92	10	151.	156.4	215.	113.	1014.044	31.844	114.8	131.75	179.75	212.6
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/02/72-12/08/92	12	48.	51.5	130.	22.	731.909	27.054	24.1	37.25	53.	109.3
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/02/72-12/08/92	12	9.	12.	45.	3.	120.909	10.996	3.9	6.25	12.	36.6
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/02/72-12/08/92	12	0.035	0.06	0.34	0.01	0.009	0.092	0.01	0.01	0.063	0.268
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/02/72-06/01/92	10	0.02	0.068	0.29	0.005	0.009	0.094	0.005	0.005	0.123	0.277
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/72-12/08/92	12	0.09	0.097	0.18	0.06	0.001	0.035	0.06	0.073	0.11	0.168
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/73-06/01/92	10	0.02	0.032	0.07	0.005	0.001	0.028	0.005	0.005	0.06	0.069
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/14/74-12/08/92	10	5.	7.9	33.	5.	77.878	8.825	5.	5.	5.25	30.3
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	12	197.	196.	275.	147.	1560.364	39.501	148.2	160.	216.5	265.7
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	12	286.	280.333	409.	9.	9077.697	95.277	82.2	269.5	327.5	388.9
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	8	282.5	280.25	410.	140.	10224.786	101.118	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	8	2.442	2.42	2.613	2.146	0.029	0.17	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			263.064								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1987 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	12	22.6	24.008	32.	15.9	32.841	5.731	15.99	19.775	30.475	31.79
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/03/74-12/08/92	9	100.	439.222	2740.	20.	760804.944	872.241	20.	56.5	355.	2740.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/11/82-04/16/90	12	9.5	10.167	15.	4.	11.606	3.407	4.9	8.	13.75	14.7
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/73-12/08/92	12	1379.	1454.5	2300.	922.	139974.636	374.132	975.4	1139.	1672.75	2138.9
00095p	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/68-09/09/87	3	1256.	1335.	1720.	1029.	124051.	352.209	**	**	**	**
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	9	6.2	6.733	9.8	4.2	2.855	1.69	4.2	5.55	7.9	9.8
00400p	PH (STANDARD UNITS)	10/02/69-12/08/92	9	7.9	7.837	8.33	7.48	0.08	0.283	7.48	7.58	8.05	8.33
00400p	CONVERTED PH (STANDARD UNITS)	10/02/69-12/08/92	9	7.9	7.762	8.33	7.48	0.086	0.293	7.48	7.58	8.05	8.33
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/69-12/08/92	9	0.013	0.017	0.033	0.005	0.	0.01	0.005	0.009	0.026	0.033
00403p	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/87	3	8.	8.033	8.3	7.8	0.063	0.252	**	**	**	**
00403p	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/87	3	8.	7.988	8.3	7.8	0.066	0.258	**	**	**	**
00403p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/87	3	0.01	0.01	0.016	0.005	0.	0.005	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/69-12/08/92	4	165.	159.	193.	113.	1264.667	35.562	**	**	**	**

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Annual Analysis for 1987 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/02/72-12/08/92	12	56.5	67.	182.	26.	1738.727	41.698	29.	41.25	77.	158.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/02/72-12/08/92	12	8.5	8.667	13.	5.	6.606	2.57	5.3	6.25	11.25	12.7
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/02/72-12/08/92	12	0.05	0.059	0.13	0.01	0.001	0.038	0.016	0.03	0.09	0.124
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/02/72-06/01/92	3	0.03	0.207	0.57	0.02	0.099	0.315	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/72-12/08/92	12	0.105	0.111	0.25	0.01	0.004	0.063	0.019	0.073	0.148	0.226
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/73-06/01/92	4	0.035	0.039	0.08	0.005	0.001	0.031	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/14/74-12/08/92	12	5.5	5.75	8.	5.	0.932	0.965	5.	5.	6.	7.7
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	12	198.5	197.083	335.	123.	3629.902	60.249	125.7	140.5	219.	314.6
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	12	276.5	274.417	429.	149.	4506.083	67.127	171.5	230.	299.	398.4
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	11	380.	450.455	980.	95.	107522.273	327.906	96.	100.	660.	974.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	11	2.58	2.517	2.991	1.978	0.153	0.391	1.982	2.	2.82	2.989
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			328.639								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1988 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	14	1.	1.786	8.	1.	4.335	2.082	1.	1.	1.	6.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	11	22.6	23.091	31.2	10.2	42.759	6.539	11.36	18.9	29.5	30.96
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/03/74-12/08/92	7	410.	1008.286	2880.	50.	1338003.238	1156.721	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/11/82-04/16/90	11	9.	9.273	16.	5.	18.418	4.292	5.	5.	14.	15.6
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/73-12/08/92	11	1365.	1348.727	1870.	856.	82897.618	287.919	884.8	1170.	1560.	1820.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	11	7.9	7.964	10.6	6.1	1.637	1.279	6.16	7.	8.9	10.32
00400p	PH (STANDARD UNITS)	10/02/69-12/08/92	10	8.23	8.041	8.86	6.82	0.373	0.611	6.857	7.723	8.415	8.817
00400p	CONVERTED PH (STANDARD UNITS)	10/02/69-12/08/92	10	8.229	7.579	8.86	6.82	0.611	0.781	6.857	7.722	8.415	8.817
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/69-12/08/92	10	0.006	0.026	0.151	0.001	0.002	0.048	0.002	0.004	0.026	0.143
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/69-12/08/92	8	143.	154.875	225.	120.	1260.696	35.506	**	**	**	**
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/02/72-12/08/92	11	66.	55.273	95.	21.	576.218	24.005	22.4	34.	71.	91.2
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/02/72-12/08/92	11	9.	8.818	14.	4.	12.964	3.601	4.	6.	13.	13.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/02/72-12/08/92	11	0.02	0.06	0.24	0.01	0.005	0.074	0.01	0.01	0.09	0.22
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/02/72-06/01/92	3	0.01	0.138	0.4	0.005	0.051	0.227	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/72-12/08/92	11	0.1	0.102	0.17	0.06	0.001	0.033	0.06	0.07	0.12	0.162
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/73-06/01/92	3	0.01	0.022	0.05	0.005	0.001	0.025	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/14/74-12/08/92	11	5.	5.273	6.	4.	0.418	0.647	4.2	5.	6.	6.
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	11	190.	194.364	235.	135.	946.055	30.758	141.2	174.	221.	234.6
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	11	277.	279.909	327.	211.	1091.891	33.044	219.	262.	307.	323.6
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	11	140.	195.636	540.	12.	31273.455	176.843	19.6	50.	300.	528.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	11	2.146	2.093	2.732	1.079	0.237	0.487	1.203	1.699	2.477	2.722
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			123.807								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	12	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	12	22.3	23.367	30.	15.7	28.653	5.353	16.15	18.2	28.85	29.88
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/03/74-12/08/92	5	130.	161.4	340.	95.	10199.8	100.994	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/11/82-04/16/90	9	10.	10.667	14.	7.	6.25	2.5	7.	8.5	13.	14.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/73-12/08/92	12	1455.	1444.	1720.	724.	71192.727	266.82	888.4	1374.5	1620.	1711.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	12	7.6	8.142	11.6	6.5	1.954	1.398	6.65	7.125	9.	10.88
00400p	PH (STANDARD UNITS)	10/02/69-12/08/92	11	7.75	7.9	8.6	7.5	0.128	0.358	7.5	7.6	8.17	8.52
00400p	CONVERTED PH (STANDARD UNITS)	10/02/69-12/08/92	11	7.75	7.788	8.6	7.5	0.142	0.377	7.5	7.6	8.17	8.52
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/69-12/08/92	11	0.018	0.016	0.032	0.003	0.	0.011	0.003	0.007	0.025	0.032

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1989 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/69-12/08/92	11	148.	158.273	223.	126.	952.018	30.855	127.	136.	175.	219.2
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/02/72-12/08/92	11	53.	59.273	176.	24.	1789.418	42.302	24.8	33.	63.	156.4
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/02/72-12/08/92	11	9.	10.	17.	4.	21.2	4.604	4.2	6.	16.	16.8
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/02/72-12/08/92	11	0.04	0.046	0.11	0.01	0.001	0.035	0.01	0.01	0.07	0.108
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/02/72-06/01/92	3	0.11	0.167	0.3	0.09	0.013	0.116	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/72-12/08/92	11	0.1	0.102	0.22	0.02	0.003	0.058	0.024	0.07	0.13	0.212
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/73-06/01/92	3	0.04	0.057	0.1	0.03	0.001	0.038	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/14/74-12/08/92	11	6.	5.727	8.	3.	2.418	1.555	3.2	5.	7.	8.
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	11	208.	212.636	299.	171.	1288.455	35.895	171.2	188.	230.	285.2
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	11	315.	284.909	370.	32.	8499.691	92.194	75.6	258.	335.	365.4
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	12	120.	251.583	900.	40.	80585.356	283.876	40.	56.25	452.5	825.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	12	2.073	2.156	2.954	1.602	0.228	0.478	1.602	1.749	2.647	2.912
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			143.243								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1990 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	10	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	10	23.75	24.42	29.	18.	14.384	3.793	18.2	21.575	28.5	28.95
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/03/74-12/08/92	6	100.	136.667	290.	70.	6506.667	80.664	**	**	**	**
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/11/82-04/16/90	3	11.	11.333	13.	10.	2.333	1.528	**	**	**	**
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/73-12/08/92	10	1600.	1606.6	2150.	1230.	66233.822	257.359	1243.2	1401.	1742.5	2116.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	10	8.2	8.62	11.	7.4	1.657	1.287	7.41	7.5	9.7	10.96
00400p	PH (STANDARD UNITS)	10/02/69-12/08/92	10	8.05	8.02	8.4	7.3	0.128	0.358	7.34	7.775	8.4	8.4
00400p	CONVERTED PH (STANDARD UNITS)	10/02/69-12/08/92	10	8.047	7.871	8.4	7.3	0.153	0.391	7.34	7.775	8.4	8.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/69-12/08/92	10	0.009	0.013	0.05	0.004	0.	0.014	0.004	0.004	0.017	0.047
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/69-12/08/92	10	142.	144.3	188.	111.	507.789	22.534	112.1	126.5	160.	185.8
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/02/72-12/08/92	10	45.5	44.2	73.	23.	204.622	14.305	23.7	31.5	53.	71.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/02/72-12/08/92	10	9.	9.1	14.	3.	11.211	3.348	3.3	6.75	12.25	13.9
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/02/72-12/08/92	10	0.02	0.027	0.07	0.01	0.	0.019	0.01	0.01	0.035	0.068
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/02/72-06/01/92	3 ##	0.005	0.01	0.02	0.005	0.	0.009	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/72-12/08/92	10	0.095	0.096	0.16	0.04	0.001	0.036	0.043	0.07	0.125	0.158
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/73-06/01/92	3	0.05	0.043	0.06	0.02	0.	0.021	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/14/74-12/08/92	10	6.	5.9	8.	4.	1.211	1.101	4.1	5.	6.25	7.9
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	10	221.	219.3	300.	164.	1598.678	39.983	164.7	186.	243.	294.9
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	10	319.	326.	510.	230.	5744.889	75.795	233.2	271.75	348.5	494.3
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	5	370.	383.4	500.	187.	16622.8	128.929	**	**	**	**
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	5	2.568	2.559	2.699	2.272	0.03	0.174	**	**	**	**
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			362.124								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	15	1.	1.133	3.	1.	0.267	0.516	1.	1.	1.	1.8
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	14	26.3	24.764	32.	11.8	31.841	5.643	14.75	20.9	29.175	31.4
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/03/74-12/08/92	9	200.	239.667	600.	60.	33566.	183.21	60.	90.	383.5	600.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/73-12/08/92	14	1502.5	1494.214	2000.	754.	111783.72	334.341	899.5	1355.	1683.5	1974.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	14	9.3	9.15	11.8	6.2	2.464	1.57	6.65	8.075	10.325	11.5
00400p	PH (STANDARD UNITS)	10/02/69-12/08/92	14	8.2	8.164	9.2	7.	0.244	0.494	7.25	8.075	8.4	8.85
00400p	CONVERTED PH (STANDARD UNITS)	10/02/69-12/08/92	14	8.2	7.845	9.2	7.	0.354	0.595	7.25	8.075	8.4	8.85
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/69-12/08/92	14	0.006	0.014	0.1	0.001	0.001	0.026	0.002	0.004	0.008	0.066

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1991 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/69-12/08/92	14	165.	160.071	207.	123.	586.533	24.218	126.	134.5	176.25	196.5
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/02/72-12/08/92	14	45.	56.429	164.	25.	1313.956	36.249	28.	32.	63.25	130.5
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/02/72-12/08/92	14	7.5	9.321	37.	0.5	81.523	9.029	1.25	4.75	10.25	26.5
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/02/72-12/08/92	14	0.025	0.062	0.31	0.01	0.008	0.09	0.01	0.018	0.058	0.26
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/02/72-06/01/92	6	0.32	0.254	0.5	0.005	0.041	0.202	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/72-12/08/92	14	0.105	0.116	0.22	0.06	0.002	0.045	0.06	0.08	0.135	0.2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/73-06/01/92	6	0.145	0.133	0.22	0.04	0.005	0.071	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/14/74-12/08/92	14	5.	5.214	9.	4.	1.874	1.369	4.	4.	5.25	8.
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	14	187.5	193.	321.	75.	4172.923	64.598	106.5	150.	219.75	314.5
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	14	297.	287.571	401.	142.	3366.725	58.023	189.5	261.75	312.5	371.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	13	210.	423.846	2670.	50.	477108.974	690.731	70.	110.	440.	1794.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	13	2.322	2.369	3.427	1.699	0.189	0.435	1.819	2.04	2.642	3.128
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			233.658								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

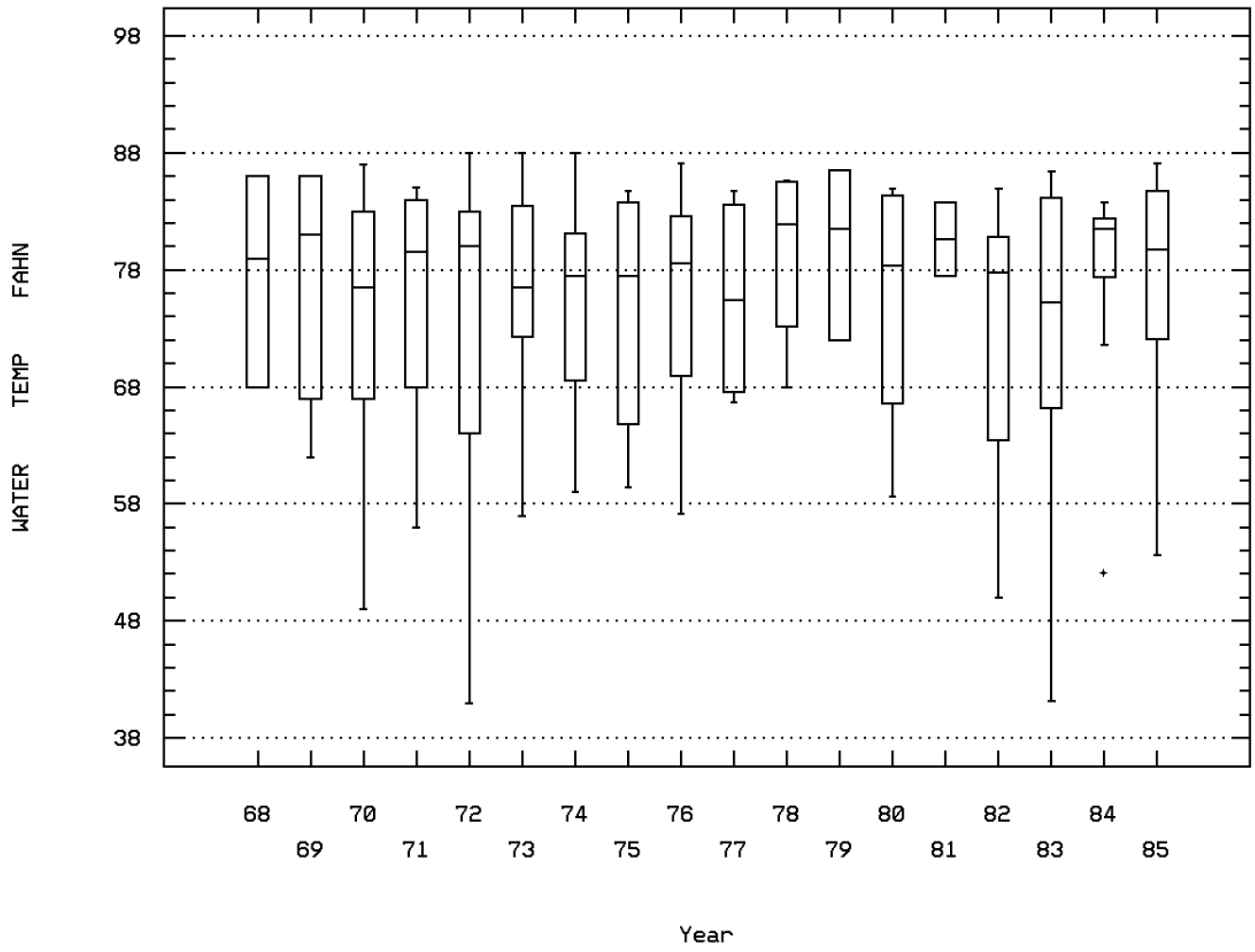
Annual Analysis for 1992 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	13	1.	1.308	4.	1.	0.731	0.855	1.	1.	1.	3.2
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	11	24.3	24.236	32.1	15.	24.839	4.984	16.	20.8	29.5	31.68
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/03/74-12/08/92	9	1260.	2641.333	7970.	200.	8852501.	2975.315	200.	321.	5600.	7970.
00094p	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/73-12/08/92	11	1210.	1241.455	1710.	1040.	33119.473	181.988	1052.	1104.	1251.	1648.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	11	8.5	8.982	12.	7.	2.6	1.612	7.14	7.9	10.8	11.82
00400p	PH (STANDARD UNITS)	10/02/69-12/08/92	11	8.	8.091	9.1	7.3	0.303	0.55	7.34	7.8	8.2	9.08
00400p	CONVERTED PH (STANDARD UNITS)	10/02/69-12/08/92	11	8.	7.849	9.1	7.3	0.367	0.606	7.34	7.8	8.2	9.08
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/69-12/08/92	11	0.01	0.014	0.05	0.001	0.	0.015	0.001	0.006	0.016	0.046
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/69-12/08/92	9	140.	151.111	221.	125.	903.111	30.052	125.	129.5	165.	221.
00530p	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/02/72-12/08/92	9	106.	118.556	320.	22.	9231.528	96.081	22.	37.	175.5	320.
00535p	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/02/72-12/08/92	9	11.	12.333	26.	3.	37.75	6.144	3.	10.	14.	26.
00610p	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/02/72-12/08/92	9	## 0.01	0.039	0.12	0.01	0.002	0.045	0.01	0.01	0.085	0.12
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/02/72-06/01/92	2	0.295	0.295	0.35	0.24	0.006	0.078	**	**	**	**
00665p	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/72-12/08/92	9	0.17	0.197	0.46	0.09	0.015	0.122	0.09	0.105	0.255	0.46
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/73-06/01/92	2	0.16	0.16	0.25	0.07	0.016	0.127	**	**	**	**
00680p	CARBON, TOTAL ORGANIC (MG/L AS C)	05/14/74-12/08/92	9	6.	5.667	8.	4.	1.75	1.323	4.	4.5	6.5	8.
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	9	136.	166.556	306.	121.	4049.278	63.634	121.	127.5	206.	306.
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	9	257.	275.556	377.	201.	3397.028	58.284	201.	239.5	327.	377.
31616p	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	10	301.5	928.3	4800.	30.	2160600.011	1469.898	41.	162.5	1195.	4510.
31616p	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	10	2.479	2.576	3.681	1.477	0.386	0.621	1.544	2.209	3.056	3.641
31616p	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			376.679								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: PAAL0015 Parameter Code: 00011

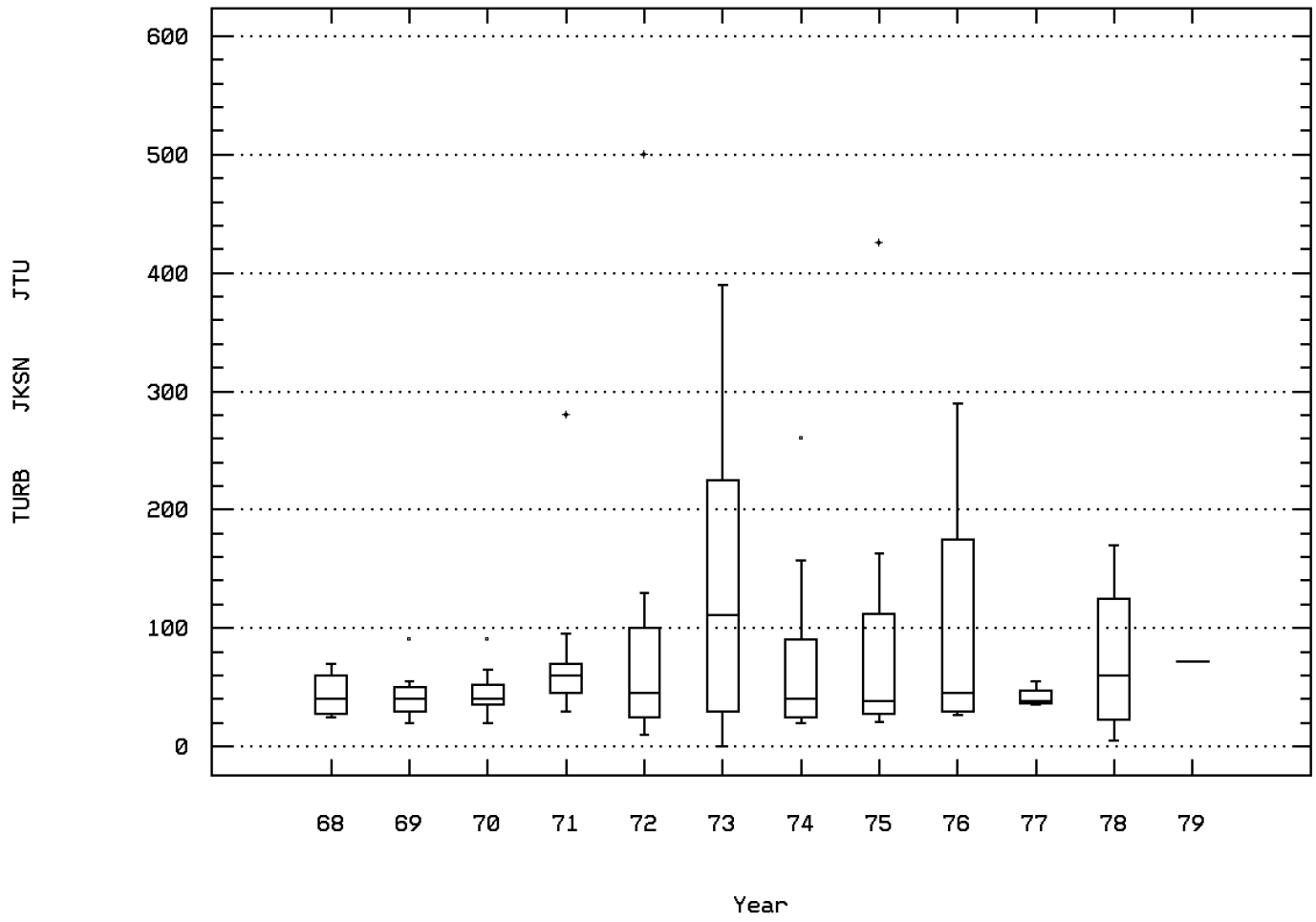
TEMPERATURE, WATER (DEGREES FAHRENHEIT)



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00070

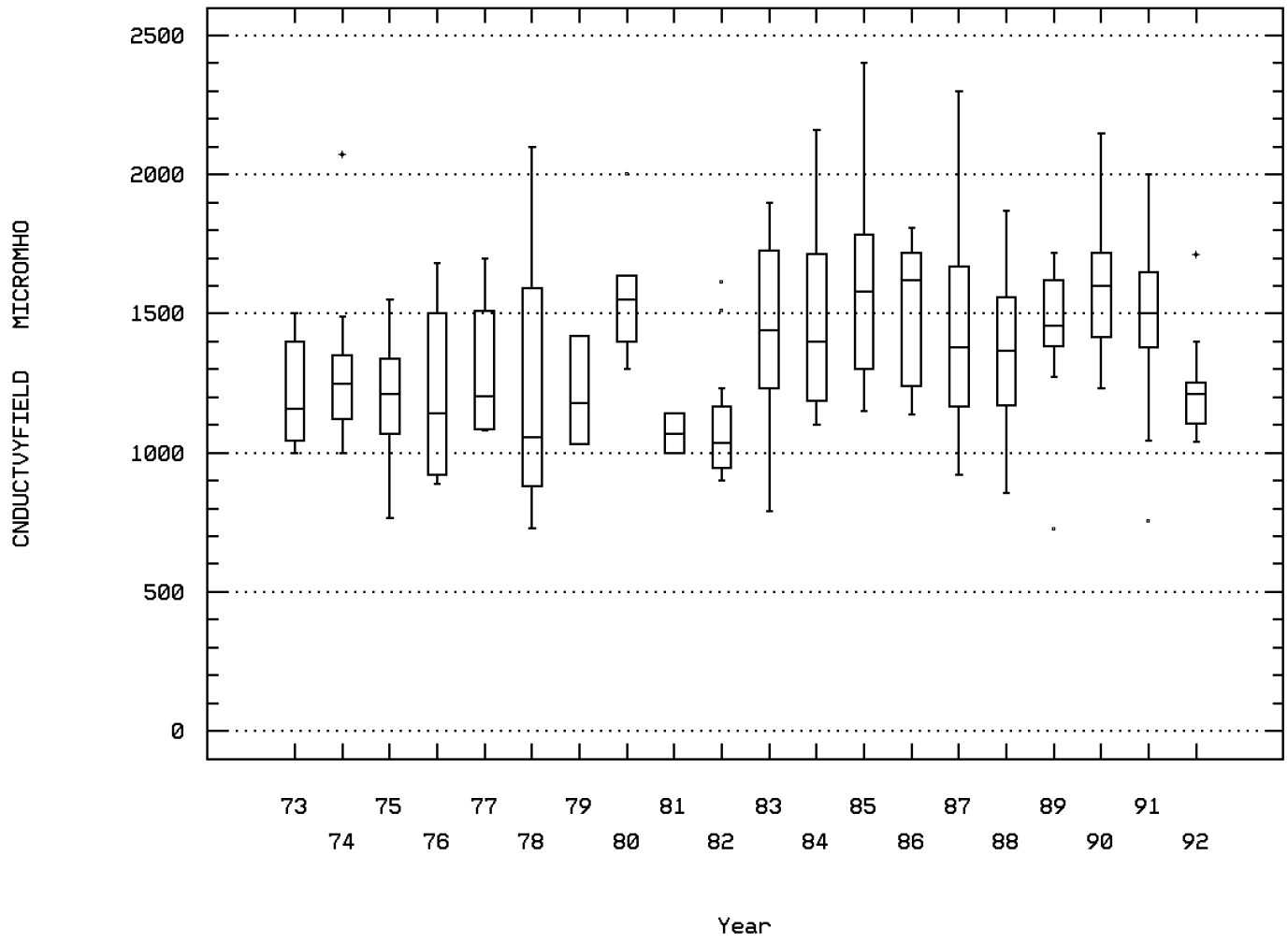
TURBIDITY, (JACKSON CANDLE UNITS)



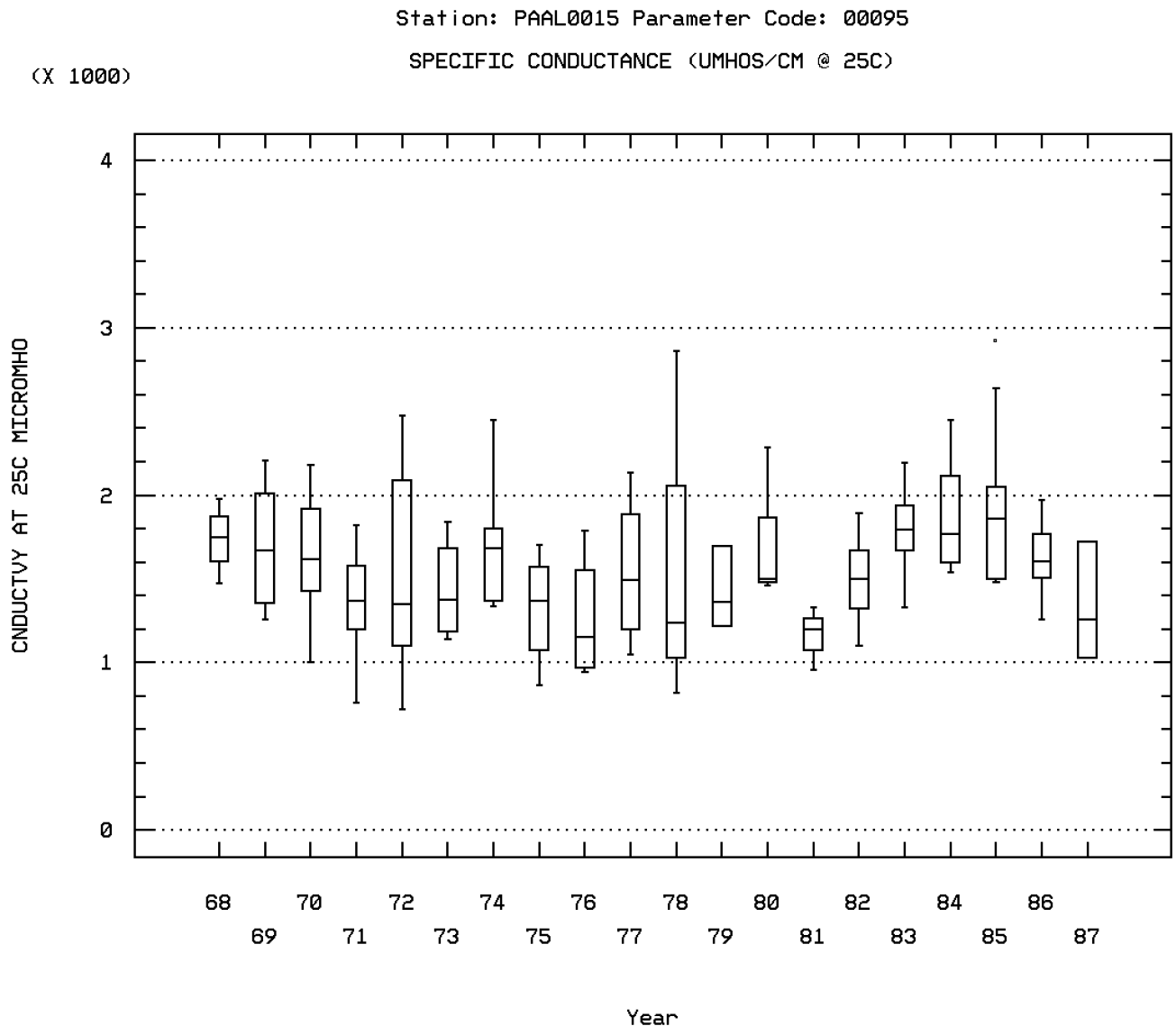
RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00094

SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @



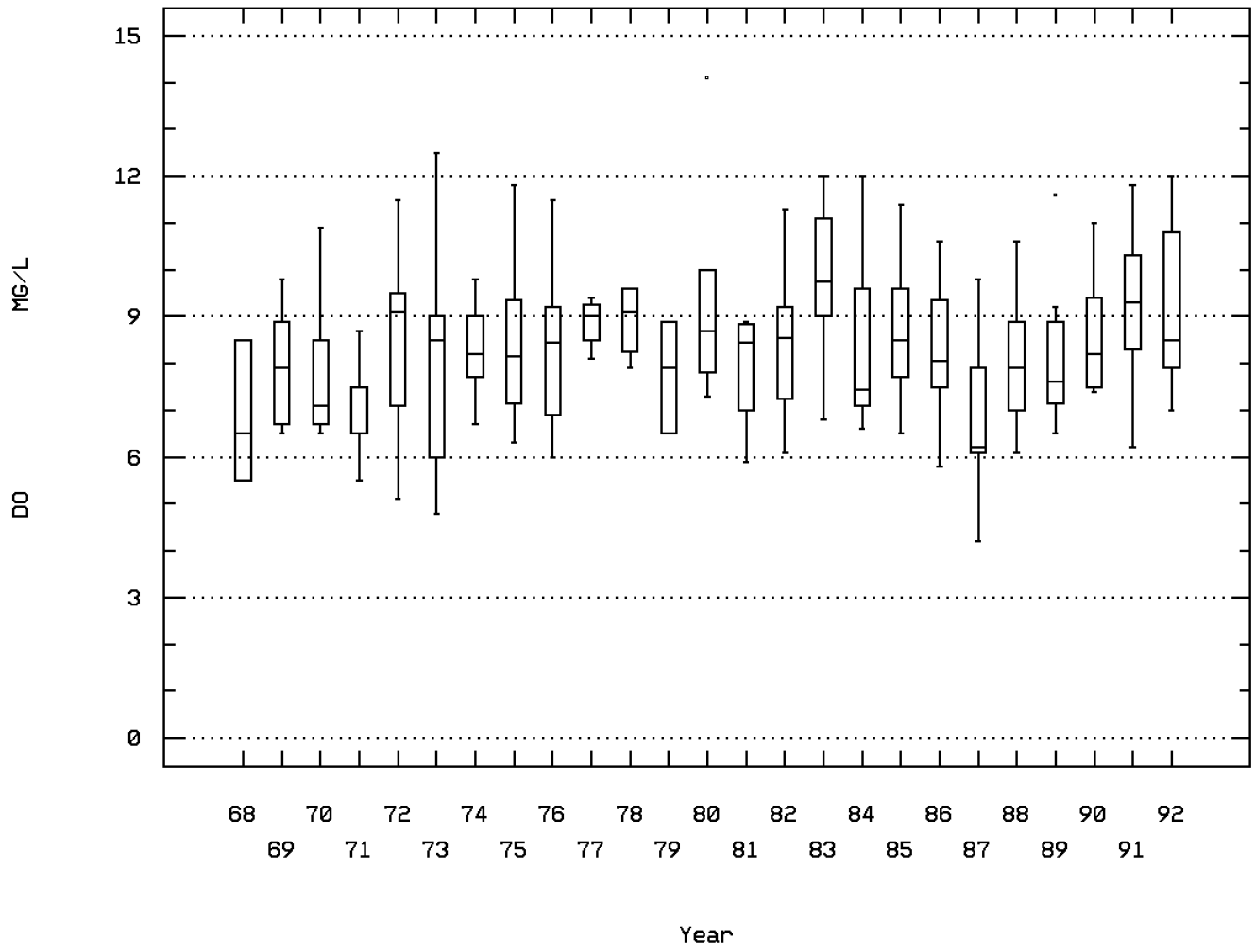
RIO GRANDE INTERNATIONAL BRIDGE ON US 7



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00300

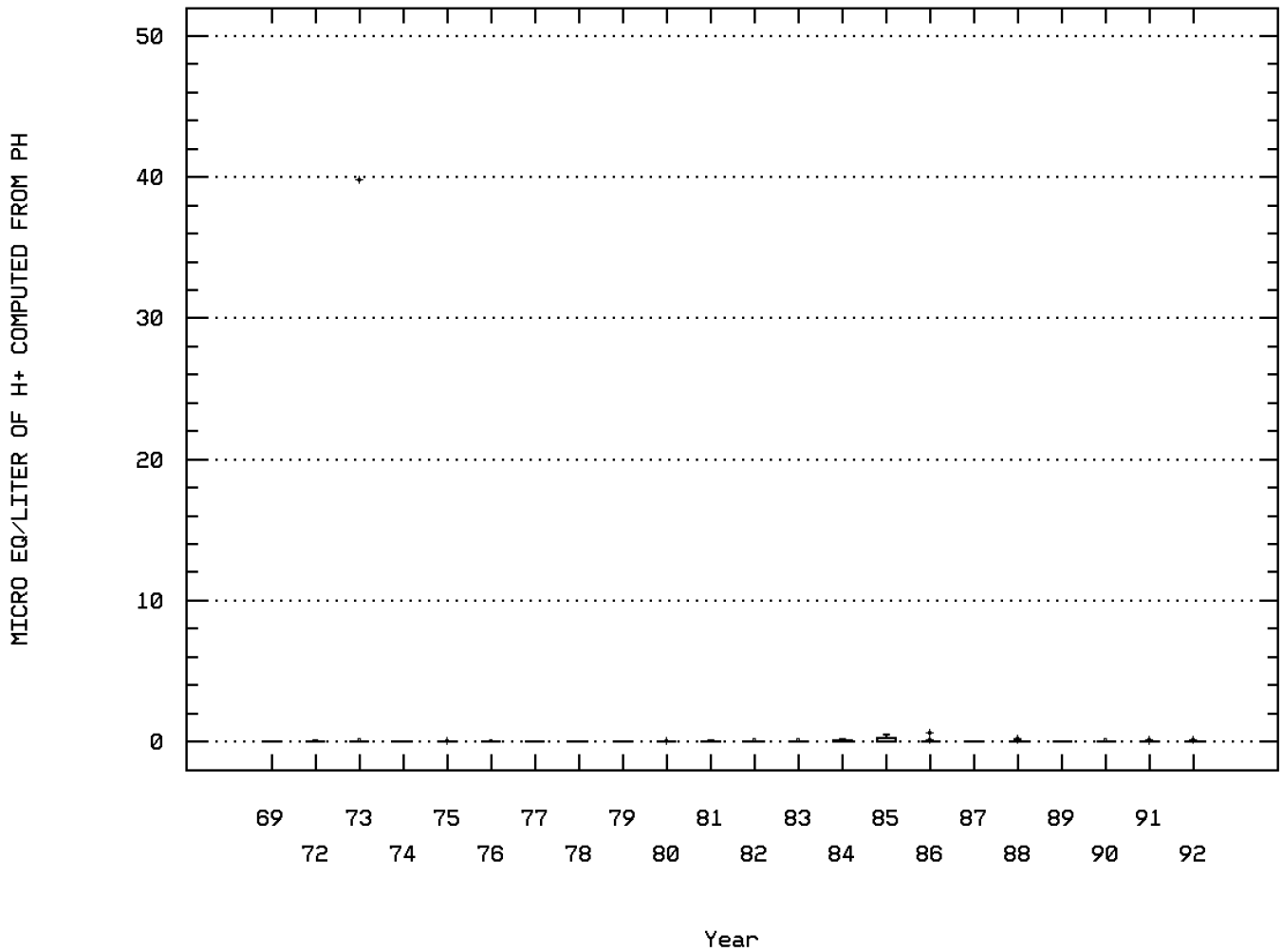
OXYGEN, DISSOLVED



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00400

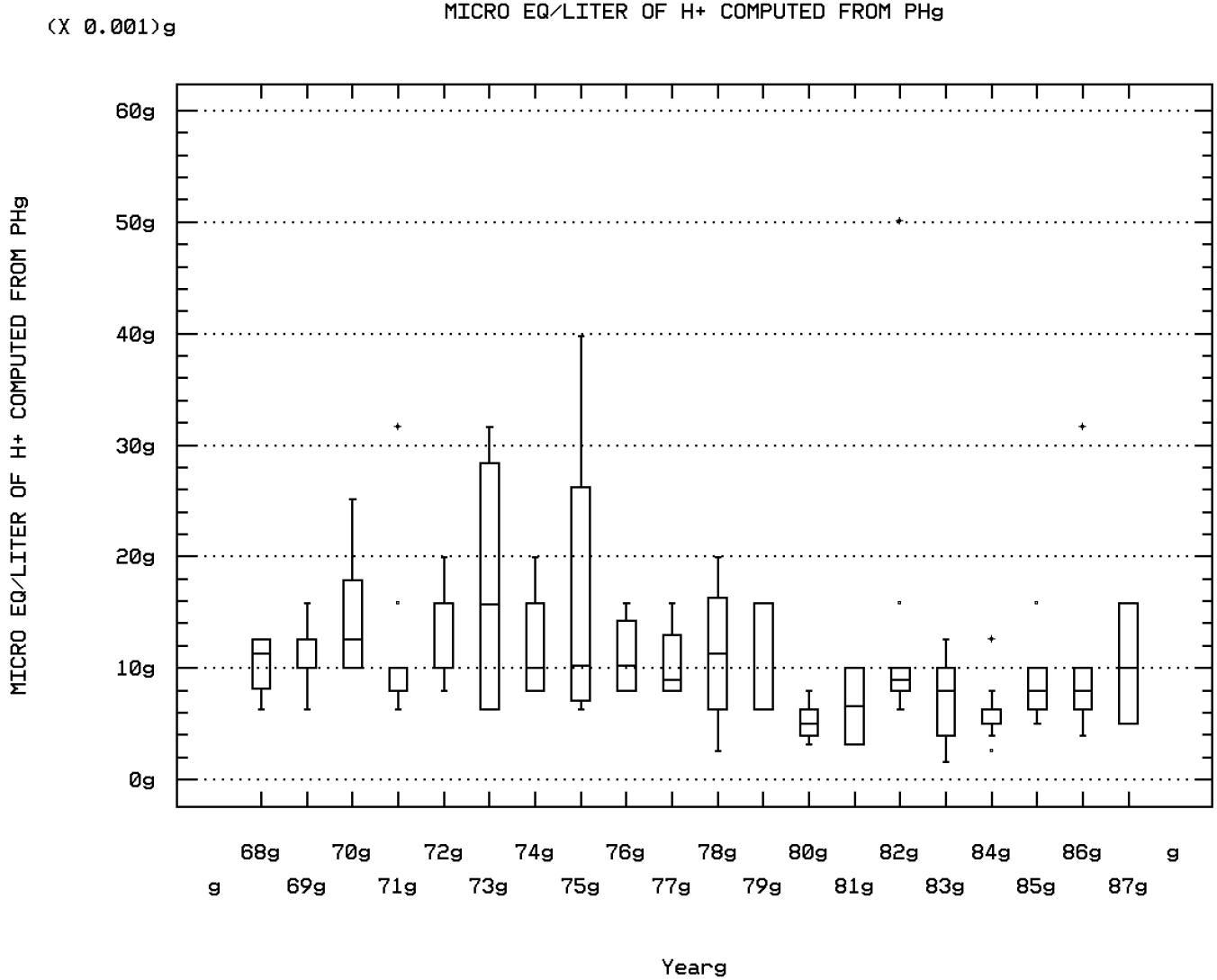
MICRO EQ/LITER OF H+ COMPUTED FROM PH



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00403g

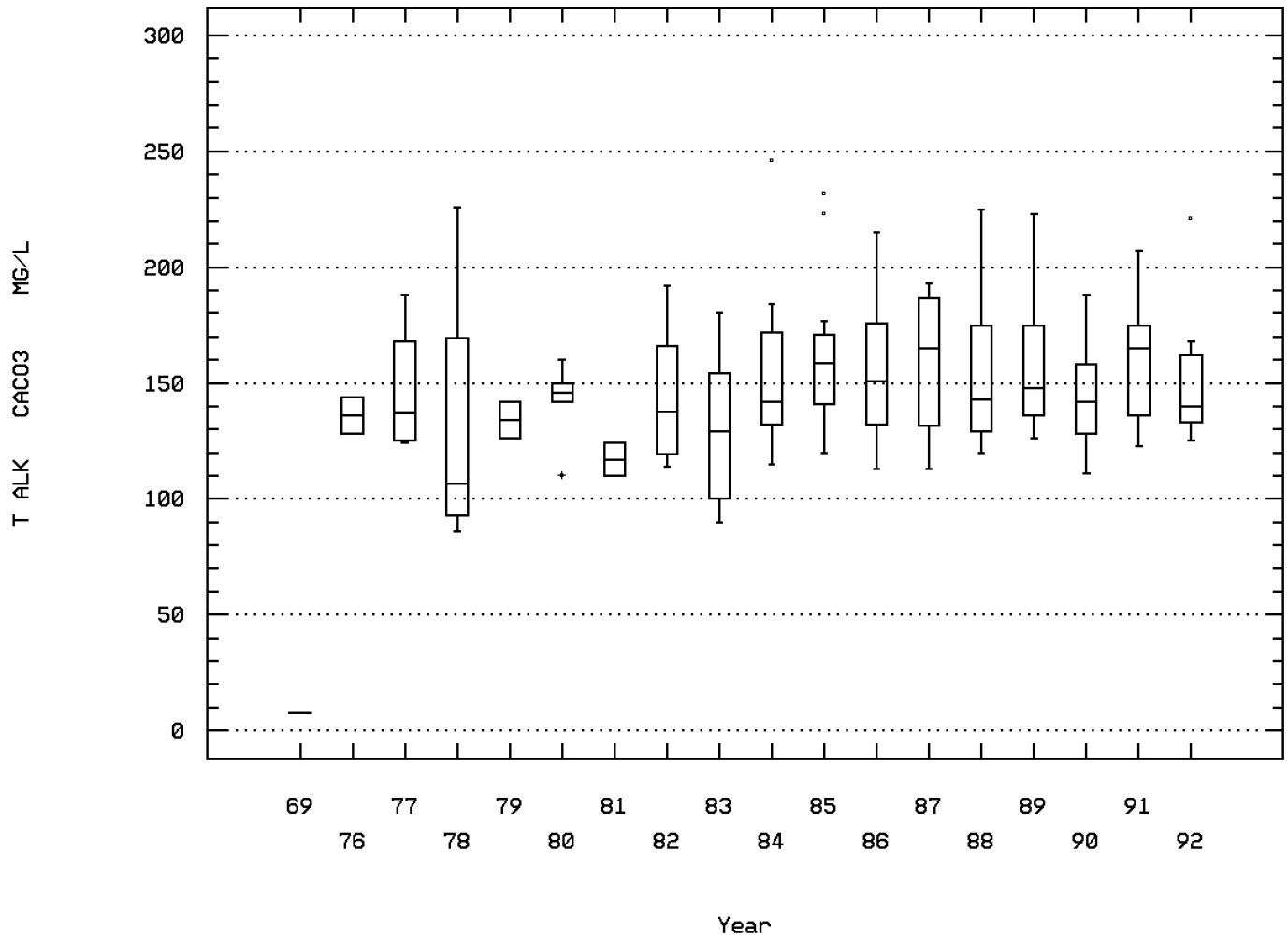
MICRO EQ/LITER OF H+ COMPUTED FROM PHg



RIO GRANDE INTERNATIONAL BRIDGE ON US 7g

Station: PAAL0015 Parameter Code: 00410

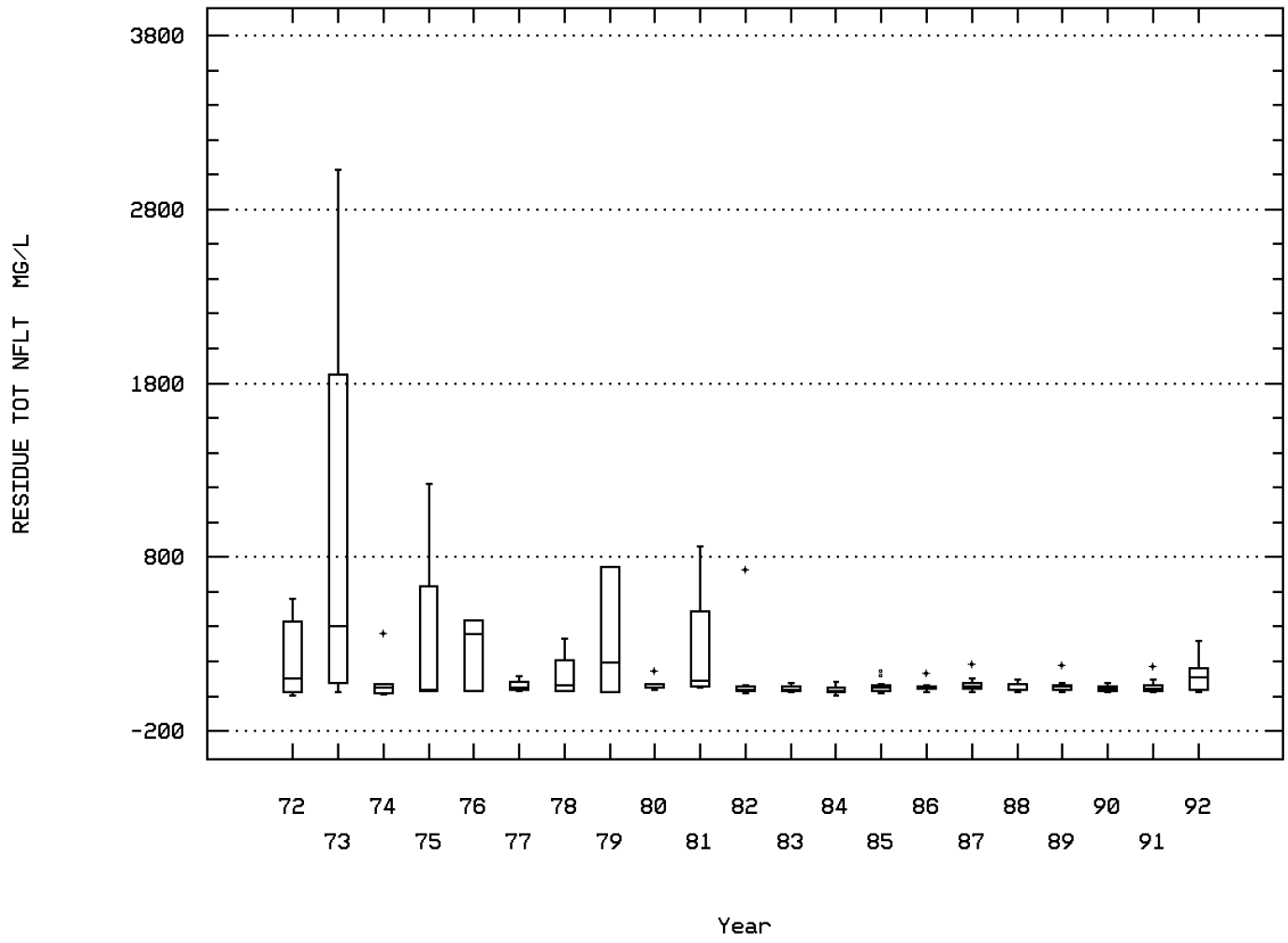
ALKALINITY, TOTAL (MG/L AS CACO3)



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00530

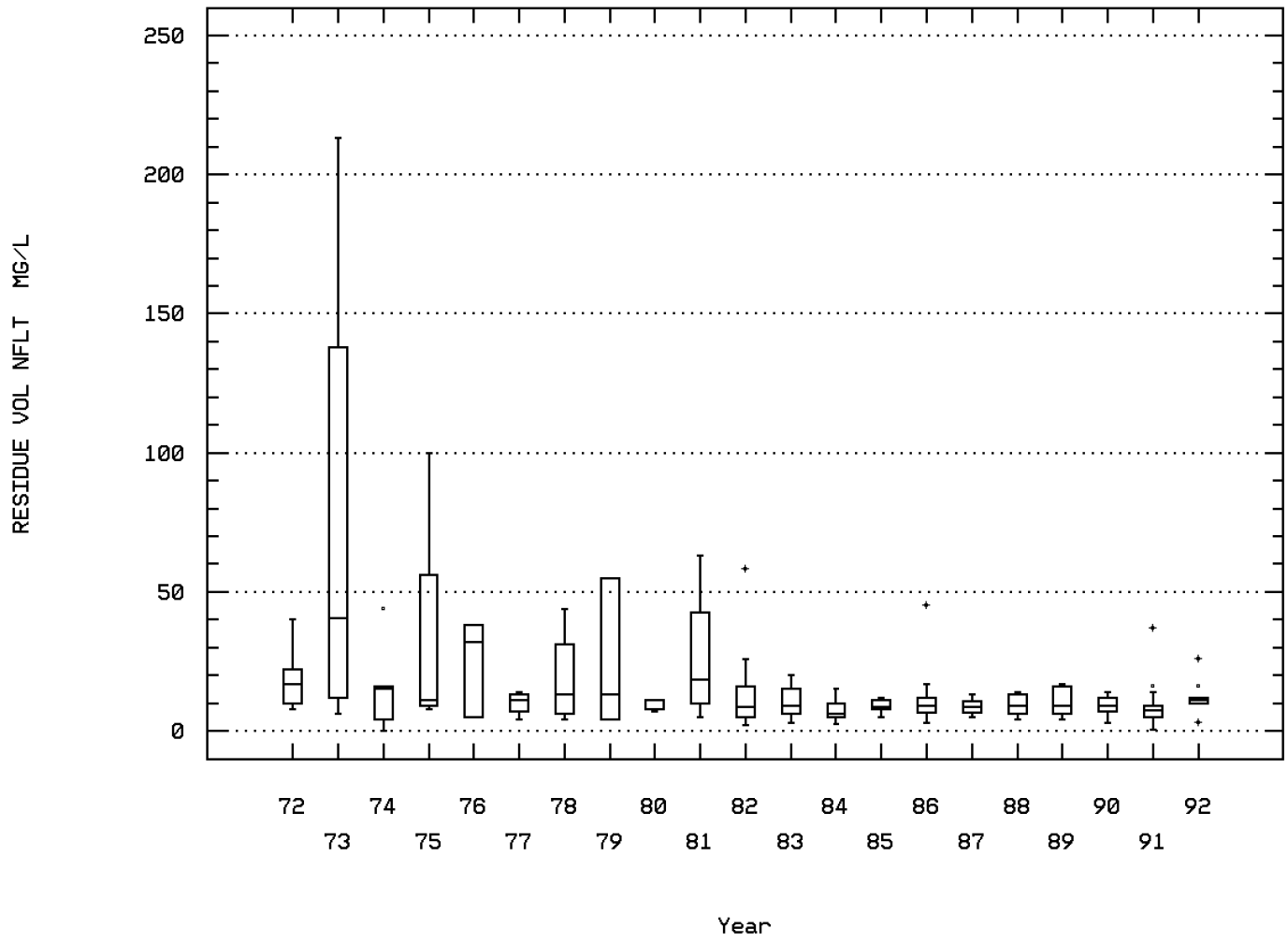
RESIDUE, TOTAL NONFILTRABLE (MG/L)



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00535

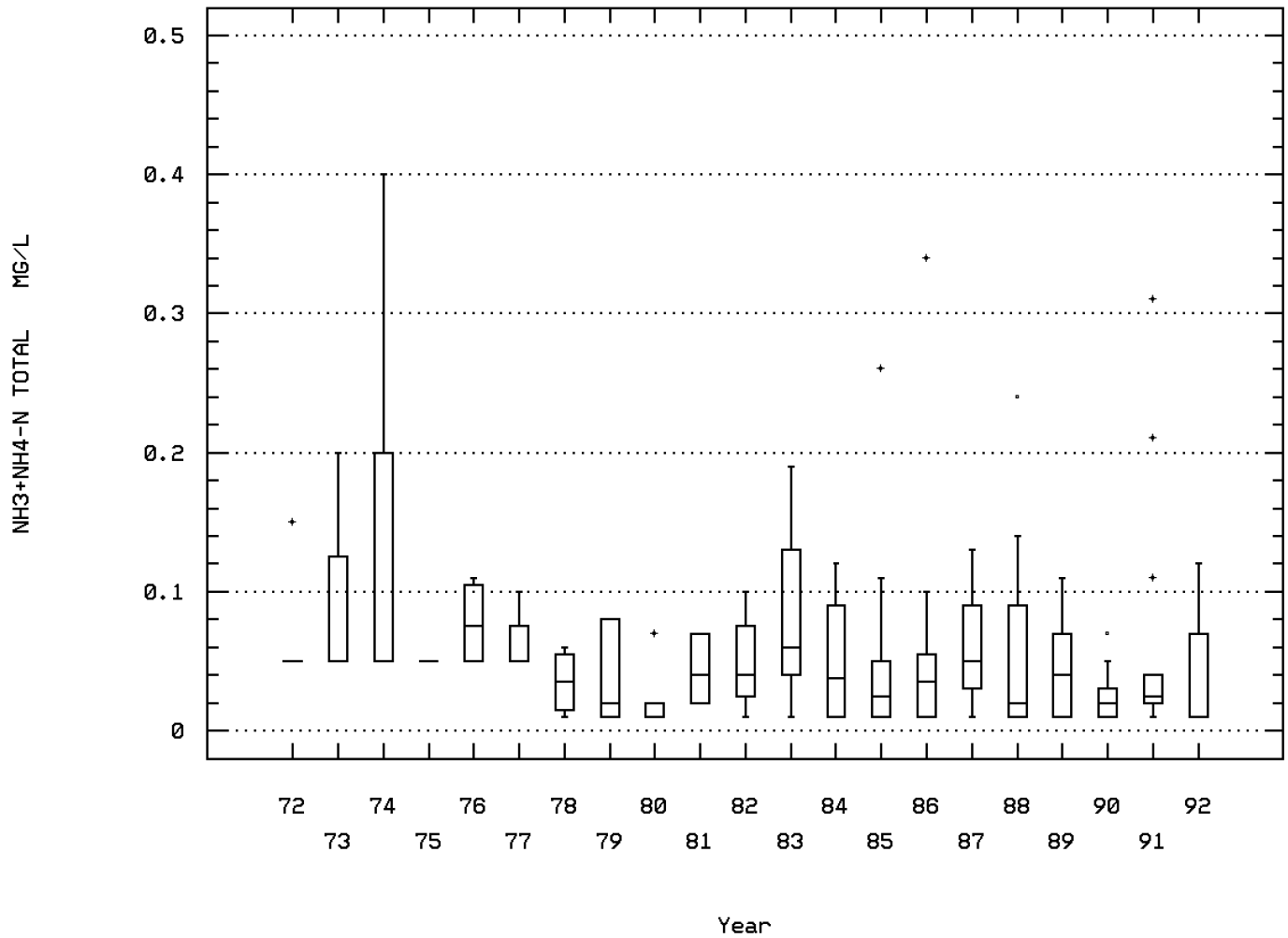
RESIDUE, VOLATILE NONFILTRABLE (MG/L)



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00610

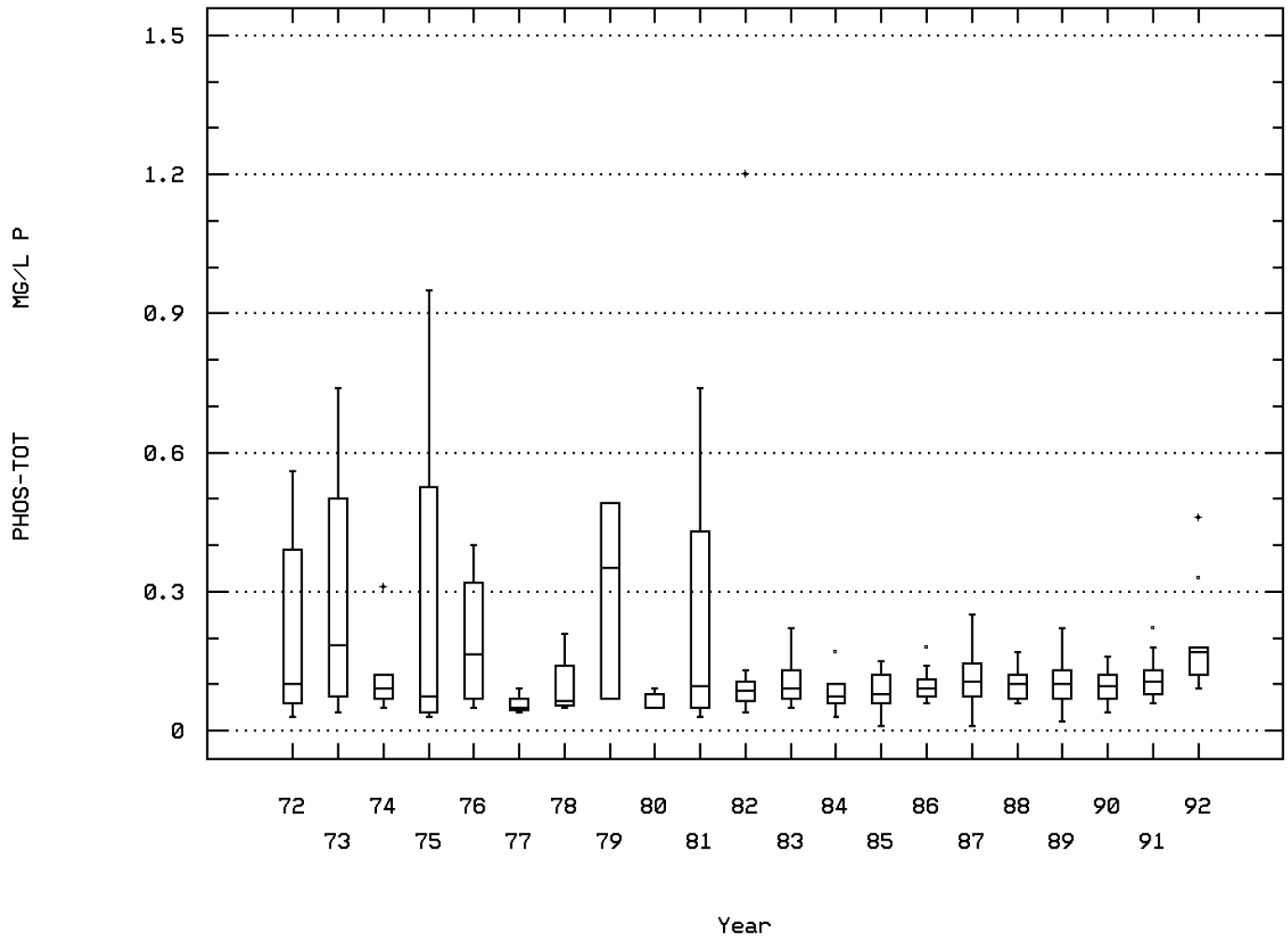
NITROGEN, AMMONIA, TOTAL (MG/L AS N)



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00665

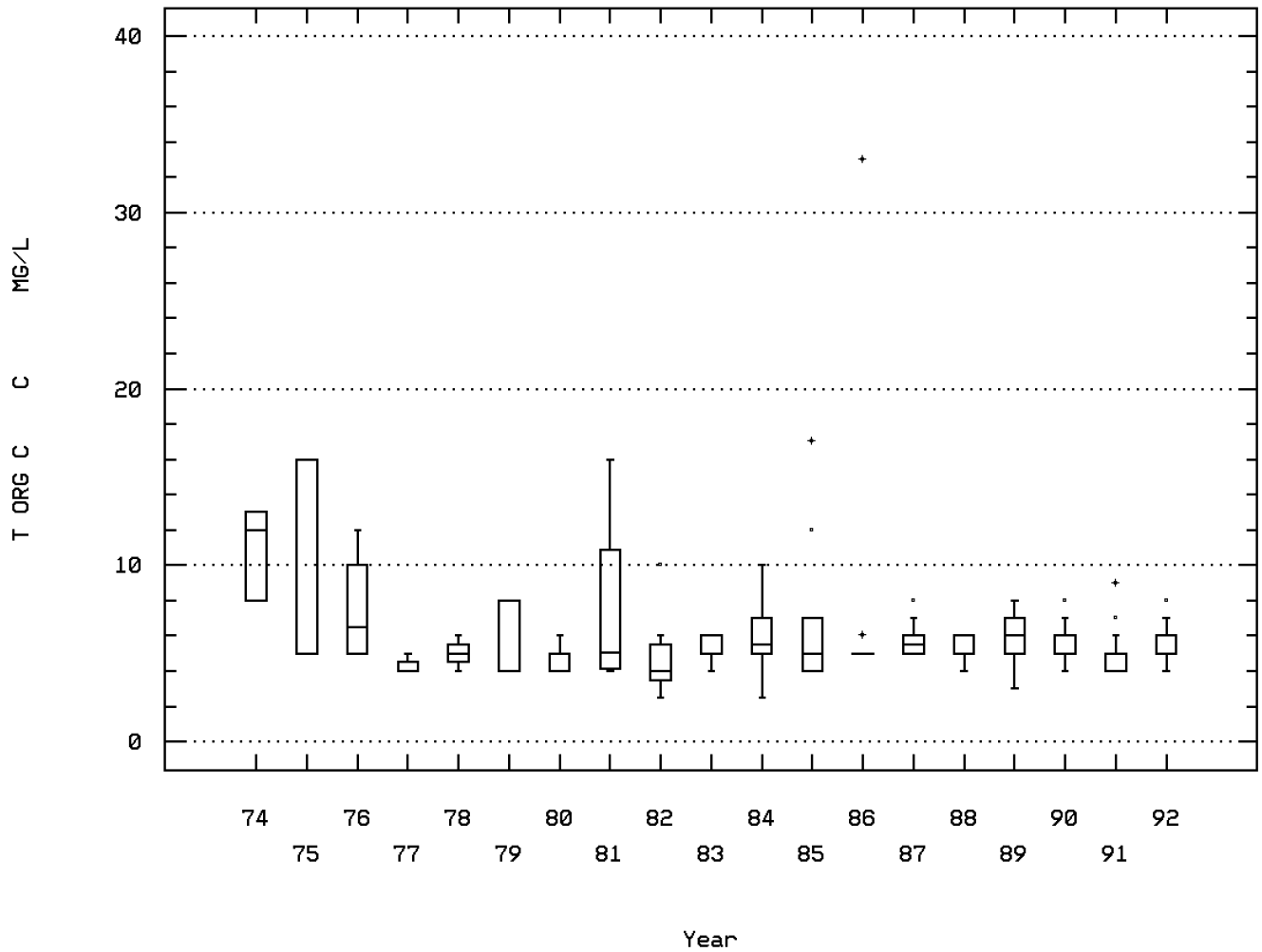
PHOSPHORUS, TOTAL (MG/L AS P)



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00680

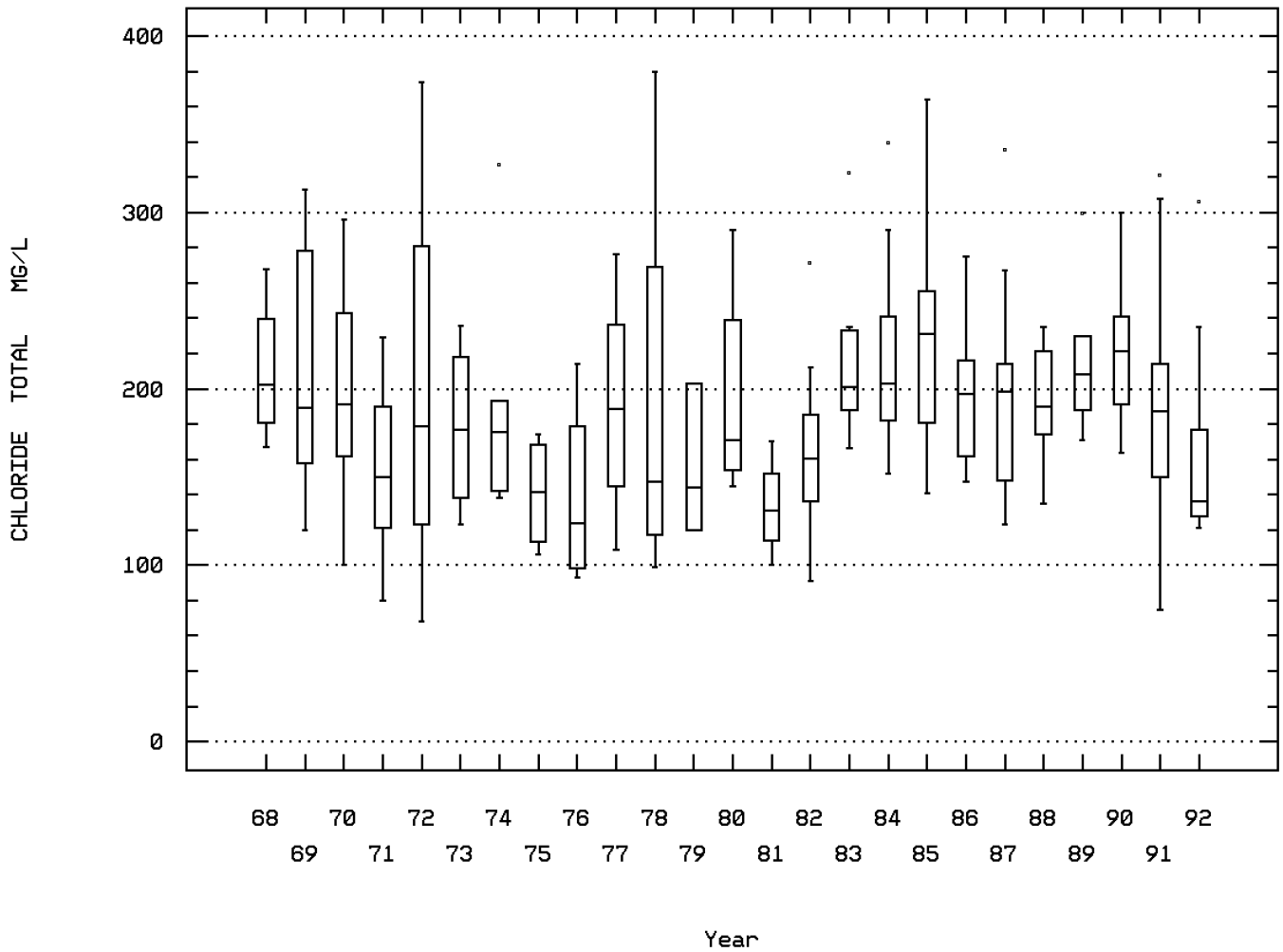
CARBON, TOTAL ORGANIC (MG/L AS C)



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00940

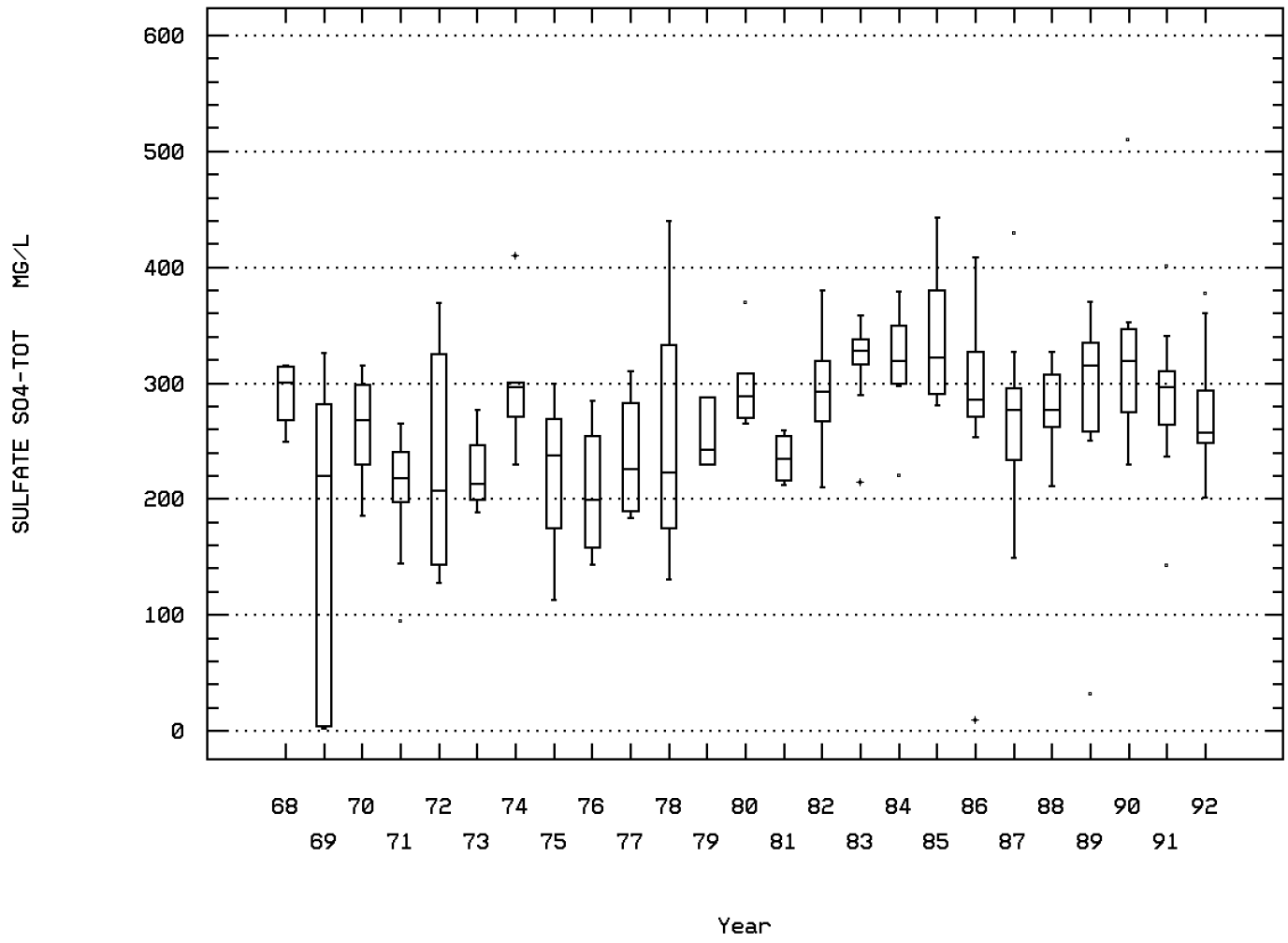
CHLORIDE,TOTAL IN WATER



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00945

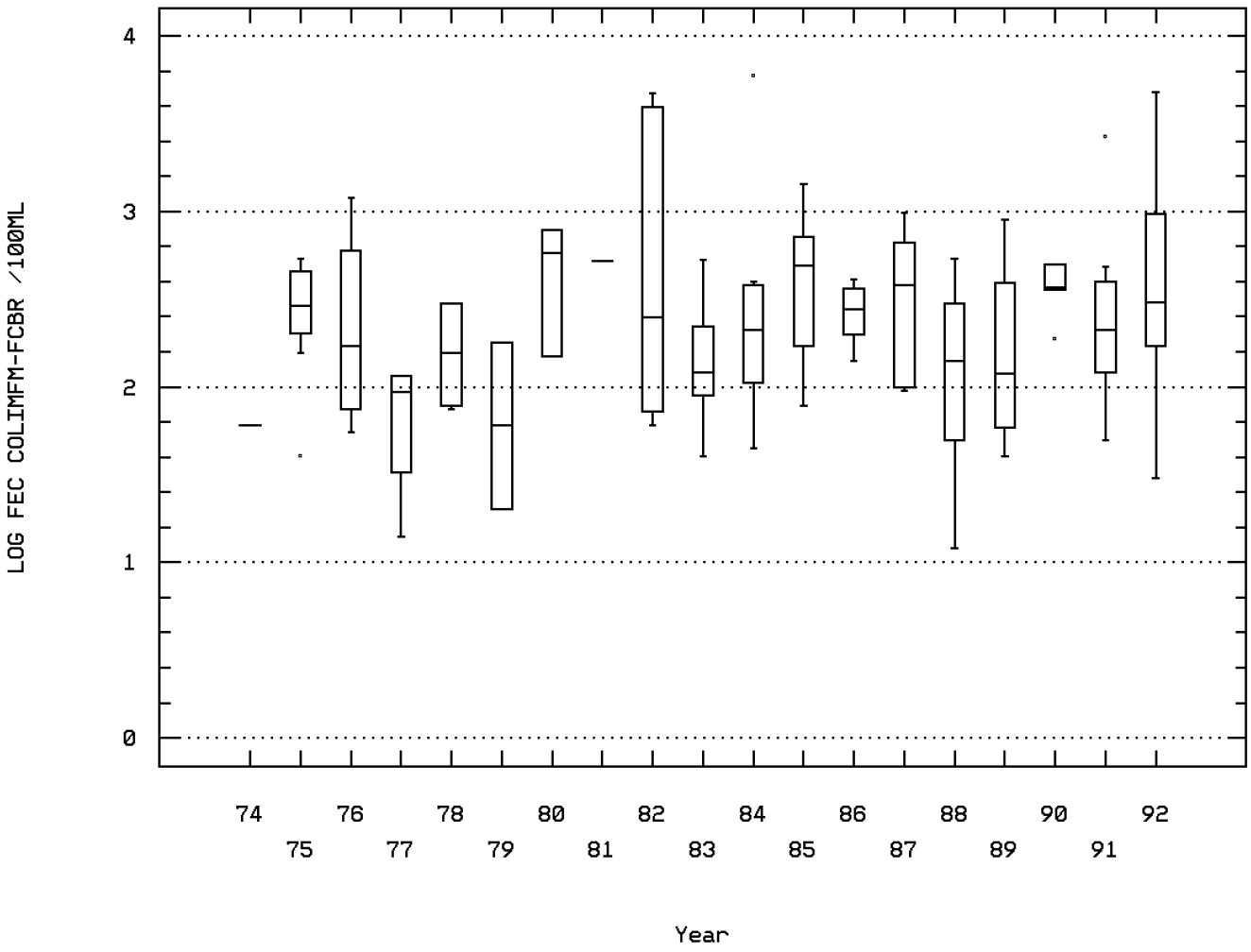
SULFATE, TOTAL (MG/L AS SO4)



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 31616

LOG FECAL COLIFORM,MEMBR FILTER,M-FC BR



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	38	1.	1.	1.	1.	0.	0.	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	36	24.15	23.642	28.7	15.9	10.469	3.236	18.63	21.05	26.	27.29
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/04/68-12/09/85	19	78.	75.495	81.5	64.	33.019	5.746	64.4	69.8	79.3	81.
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/03/74-12/08/92	16	275.	743.125	2880.	3.	998077.45	999.038	49.9	160.	1008.75	2782.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/04/68-03/29/79	16	50.	122.188	500.	25.	18323.096	135.363	28.5	30.75	230.	346.
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/11/82-04/16/90	15	10.	9.267	15.	4.	10.781	3.283	4.6	7.	12.	14.4
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/73-12/08/92	28	1235.	1293.357	1900.	900.	67686.905	260.167	993.	1105.	1430.	1791.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/68-09/09/87	20	1650.	1597.55	2384.	720.	174180.682	417.35	927.8	1388.	1846.75	2189.7
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	36	8.55	8.492	12.	5.5	2.301	1.517	6.5	7.475	9.2	11.03
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-12/08/92	29	3.	2.984	7.	0.25	2.516	1.586	1.	1.75	4.	5.
00400p	PH (STANDARD UNITS)	10/02/69-12/08/92	28	7.9	7.857	9.	6.9	0.222	0.471	7.1	7.55	8.2	8.33
00400p	CONVERTED PH (STANDARD UNITS)	10/02/69-12/08/92	28	7.9	7.614	9.	6.9	0.283	0.532	7.1	7.55	8.2	8.33
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/69-12/08/92	28	0.013	0.024	0.126	0.001	0.001	0.029	0.005	0.006	0.029	0.079
00403	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/87	18	8.	8.022	8.8	7.4	0.098	0.314	7.67	7.875	8.2	8.53
00403	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/87	18	8.	7.926	8.8	7.4	0.108	0.329	7.67	7.875	8.2	8.53
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/87	18	0.01	0.012	0.04	0.002	0.	0.009	0.003	0.006	0.013	0.022
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/69-12/08/92	17	148.	145.	207.	99.	798.375	28.256	105.4	123.5	167.	182.2
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/02/72-12/08/92	26	54.	100.654	560.	11.	15979.035	126.408	27.9	36.	100.75	336.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/02/72-12/08/92	26	13.	15.423	44.	3.	132.734	11.521	5.	7.75	18.75	41.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/02/72-12/08/92	26	0.025	0.032	0.08	0.01	0.	0.021	0.01	0.01	0.05	0.063
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/02/72-06/01/92	12	0.03	0.144	0.78	0.005	0.059	0.243	0.005	0.006	0.143	0.693
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/02/72-07/17/85	10	0.32	0.548	1.7	0.24	0.212	0.461	0.244	0.303	0.72	1.626
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/17/73-09/09/85	9	0.04	0.052	0.12	0.015	0.001	0.035	0.015	0.023	0.075	0.12
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/72-12/08/92	26	0.1	0.13	0.56	0.06	0.011	0.103	0.07	0.08	0.13	0.24
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/73-06/01/92	11	0.01	0.015	0.04	0.005	0.	0.011	0.005	0.01	0.02	0.038
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/14/74-12/08/92	24	5.5	5.721	12.	1.	3.566	1.888	4.15	5.	6.	7.5
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	32	182.	185.531	313.	68.	2467.031	49.669	111.	164.5	210.25	245.4
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	30	288.5	271.3	347.	128.	3377.666	58.118	205.5	225.5	320.5	340.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	21	156.	678.286	4800.	40.	1335728.614	1155.737	52.	103.	726.5	2516.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	21	2.193	2.42	3.681	1.602	0.336	0.58	1.715	2.013	2.848	3.397
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			263.226								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/02/72-06/01/92	9	18.	16.111	32.	2.	102.361	10.117	2.	5.	23.	32.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/30/76-06/01/92	6	3.5	4.167	12.	1.	16.567	4.07	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/30/77-12/08/92	22	914.	908.864	1176.	597.	24902.695	157.806	647.4	809.5	1029.	1133.
74069	FLOW, ESTIMATED STREAM CFS	03/13/84-06/01/92	4	157.5	171.25	300.	70.	11272.917	106.174	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	86	1.	1.081	5.	1.	0.24	0.49	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	80	19.25	18.478	25.7	5.1	17.685	4.205	12.08	15.625	21.8	23.
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/04/68-12/09/85	52	64.85	64.413	78.3	41.2	65.664	8.103	52.48	59.	70.925	74.73
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/03/74-12/08/92	25	150.	462.72	4800.	30.	904279.21	950.936	46.	100.	461.	1010.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/04/68-03/29/79	36	39.	44.333	175.	0.	1119.829	33.464	17.	25.	53.75	78.9
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/11/82-04/16/90	26	11.5	11.654	21.	8.	9.515	3.085	8.	9.	14.	15.3
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/73-12/08/92	62	1475.	1471.306	2160.	724.	104882.052	323.855	1041.5	1210.	1667.5	1933.6
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/68-09/09/87	49	1716.	1703.918	2919.	945.	186420.91	431.765	1200.	1328.	1980.	2178.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	82	9.25	9.305	14.1	5.1	2.897	1.702	7.03	8.3	10.525	11.74
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-12/08/92	40	2.5	3.303	21.	0.25	10.501	3.24	1.	2.	4.	5.
00400p	PH (STANDARD UNITS)	10/02/69-12/08/92	67	8.1	7.973	9.1	4.4	0.415	0.644	7.3	7.9	8.33	8.428
00400p	CONVERTED PH (STANDARD UNITS)	10/02/69-12/08/92	67	8.1	6.208	9.1	4.4	3.577	1.891	7.3	7.9	8.33	8.428
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/69-12/08/92	67	0.008	0.619	39.811	0.001	23.631	4.861	0.004	0.005	0.013	0.05
00403	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/87	47	8.	8.034	8.6	7.5	0.042	0.206	7.8	7.9	8.1	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/87	47	8.	7.987	8.6	7.5	0.045	0.211	7.8	7.9	8.1	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/87	47	0.01	0.01	0.032	0.003	0.	0.005	0.005	0.008	0.013	0.016

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/69-12/08/92	46	156.	161.283	246.	8.	1678.252	40.966	125.4	135.5	188.75	223.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/02/72-12/08/92	58	35.5	56.759	355.	5.	3460.572	58.827	16.9	27.5	62.5	134.8
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/02/72-12/08/92	57	8.	8.447	32.	0.	27.604	5.254	3.	5.	11.	14.2
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/02/72-12/08/92	56	0.05	0.069	0.31	0.01	0.004	0.062	0.01	0.026	0.098	0.152
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/03/82-06/01/92	8	0.018	0.045	0.2	0.01	0.004	0.065	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/02/72-06/01/92	43	0.19	0.22	0.91	0.005	0.041	0.202	0.02	0.05	0.33	0.53
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/02/72-07/17/85	29	0.2	0.249	1.07	0.03	0.047	0.217	0.1	0.135	0.26	0.67
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/17/73-09/09/85	25	0.03	0.041	0.18	0.015	0.002	0.04	0.015	0.015	0.06	0.102
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/72-12/08/92	58	0.08	0.103	0.46	0.01	0.006	0.08	0.039	0.05	0.13	0.184
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/73-06/01/92	40	0.01	0.037	0.25	0.005	0.003	0.054	0.005	0.005	0.04	0.123
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/14/74-12/08/92	50	5.	5.026	9.	2.5	1.701	1.304	4.	4.	5.85	6.9
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	72	202.	213.597	380.	91.	4383.512	66.208	123.9	163.75	266.25	304.2
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	71	299.	291.648	510.	32.	5455.203	73.859	203.6	255.	328.	378.6
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	48	115.	378.875	4700.	12.	785477.686	886.272	39.	60.75	302.25	599.6
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	48	2.061	2.155	3.672	1.079	0.295	0.543	1.59	1.783	2.48	2.778
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			142.984								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/02/72-06/01/92	39	16.	17.718	72.	2.	161.581	12.711	6.	9.	23.	34.
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/30/76-06/01/92	31	3.	5.355	34.7	0.	49.477	7.034	0.1	1.	5.	13.8
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/30/77-12/08/92	25	1022.	1001.96	1530.	660.	47387.04	217.686	679.2	841.	1098.	1296.8
74069	FLOW, ESTIMATED STREAM CFS	03/13/84-06/01/92	13	190.	549.462	5360.	16.	2100943.603	1449.463	17.2	50.	278.5	3348.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #3: 4/01 to 9/30 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	09/04/68-12/08/92	127	1.	1.079	8.	1.	0.454	0.674	1.	1.	1.	1.
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	09/04/68-12/08/92	124	28.75	27.769	32.1	5.	11.322	3.365	24.2	26.525	29.7	30.7
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	09/04/68-12/09/85	83	83.	81.719	88.	41.	38.483	6.203	76.4	79.3	85.1	86.46
00061	FLOW, STREAM, INSTANTANEOUS CFS	10/03/74-12/08/92	39	130.	622.256	7970.	10.	2568661.248	1602.704	31.	96.	290.	1260.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	09/04/68-03/29/79	50	50.	84.04	425.	5.	7806.162	88.352	28.2	36.5	92.5	205.3
00077	TRANSPARENCY, SECCHI DISC (INCHES)	01/11/82-04/16/90	43	9.	9.442	14.	5.	5.824	2.413	6.4	8.	11.	13.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	03/07/73-12/08/92	97	1280.	1327.165	2400.	730.	101676.639	318.868	956.	1102.	1552.5	1720.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	09/04/68-09/09/87	69	1500.	1541.391	2640.	760.	135619.712	368.266	1141.	1321.5	1755.	2080.
00300p	OXYGEN, DISSOLVED MG/L	09/04/68-12/08/92	121	7.5	7.588	10.6	4.2	1.374	1.172	6.2	6.75	8.3	9.2
00310p	BOD, 5 DAY, 20 DEG C MG/L	09/04/68-12/08/92	62	2.5	2.899	7.5	0.25	2.814	1.678	1.	2.	3.5	5.5
00400p	PH (STANDARD UNITS)	10/02/69-12/08/92	104	8.	7.913	9.2	6.3	0.235	0.485	7.3	7.7	8.2	8.415
00400p	CONVERTED PH (STANDARD UNITS)	10/02/69-12/08/92	104	8.	7.546	9.2	6.3	0.371	0.609	7.3	7.7	8.2	8.415
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/02/69-12/08/92	104	0.01	0.028	0.501	0.001	0.005	0.068	0.004	0.006	0.02	0.05
00403	PH, LAB, STANDARD UNITS SU	09/04/68-09/09/87	69	8.	8.029	8.6	7.3	0.058	0.241	7.7	7.9	8.2	8.3
00403	CONVERTED PH, LAB, STANDARD UNITS	09/04/68-09/09/87	69	8.	7.957	8.6	7.3	0.064	0.252	7.7	7.9	8.2	8.3
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	09/04/68-09/09/87	69	0.01	0.011	0.05	0.003	0.	0.008	0.005	0.006	0.013	0.02
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	03/27/69-12/08/92	69	139.	140.768	225.	86.	670.269	25.89	111.	123.5	159.5	180.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	02/02/72-12/08/92	82	51.	152.951	3030.	23.	145571.924	381.539	28.3	34.75	78.5	397.7
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	02/02/72-12/08/92	82	9.	16.579	213.	1.	740.046	27.204	4.3	6.75	14.25	37.7
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/02/72-12/08/92	82	0.04	0.058	0.4	0.01	0.005	0.069	0.01	0.01	0.073	0.124
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/03/82-06/01/92	10	0.018	0.044	0.15	0.005	0.003	0.052	0.006	0.01	0.083	0.147
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/02/72-06/01/92	59	0.02	0.131	0.67	0.005	0.034	0.184	0.005	0.005	0.25	0.42
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	02/02/72-07/17/85	42	0.28	0.584	3.7	0.08	0.643	0.802	0.15	0.18	0.415	2.025
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	09/17/73-09/09/85	40 ##	0.015	0.05	0.34	0.015	0.005	0.068	0.015	0.015	0.058	0.15
00665	PHOSPHORUS, TOTAL (MG/L AS P)	02/02/72-12/08/92	82	0.095	0.152	1.2	0.01	0.038	0.194	0.05	0.07	0.13	0.309
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	09/17/73-06/01/92	58	0.01	0.027	0.22	0.005	0.001	0.037	0.005	0.005	0.04	0.07
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/14/74-12/08/92	78	5.	6.462	33.	3.	17.083	4.133	4.	5.	6.	10.2
00940p	CHLORIDE,TOTAL IN WATER MG/L	09/04/68-12/08/92	103	179.	183.039	374.	75.	3016.646	54.924	123.4	145.	215.	238.6
00945p	SULFATE, TOTAL (MG/L AS SO4)	09/04/68-12/08/92	99	274.	266.313	435.	2.	5971.462	77.275	186.	231.	310.	339.
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	69	300.	489.71	5900.	10.	688696.003	829.877	90.	160.	500.	900.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/03/74-12/08/92	69	2.477	2.461	3.771	1.	0.181	0.425	1.954	2.203	2.699	2.954

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

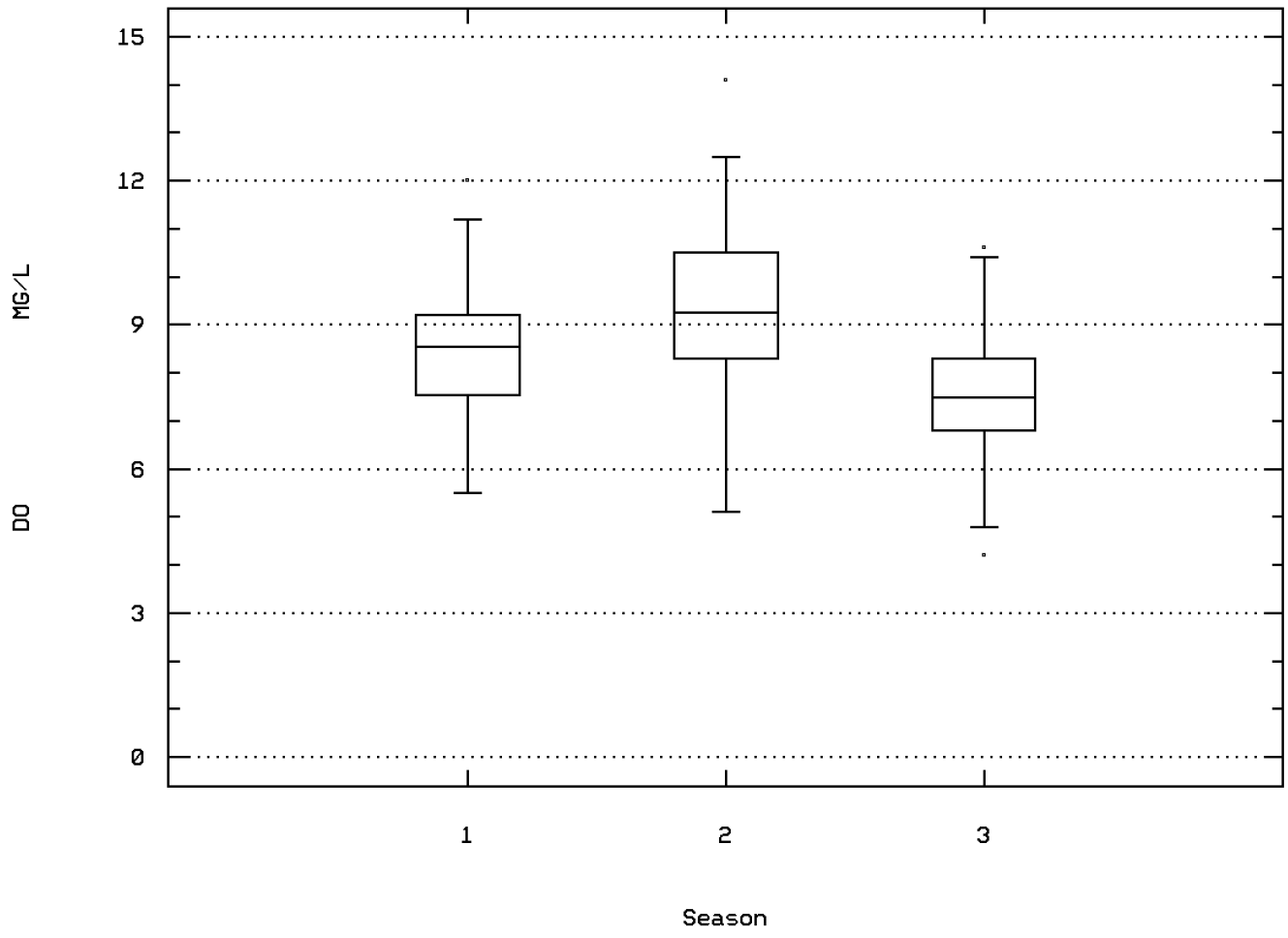
Seasonal Analysis for Season #3: 4/01 to 9/30 - Station PAAL0015

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			288.826								
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	02/02/72-06/01/92	54	15.	19.228	118.	0.5	396.929	19.923	2.75	10.573	20.5	33.5
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	09/30/76-06/01/92	44	3.	3.909	21.	0.	18.691	4.323	1.	1.	4.75	8.5
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	06/30/77-12/08/92	48	872.	889.5	1452.	458.	33611.319	183.334	705.4	764.5	996.	1112.4
74069	FLOW, ESTIMATED STREAM CFS	03/13/84-06/01/92	12	162.5	897.5	7970.	10.	5023873.364	2241.4	22.	74.75	520.	5840.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station: PAAL0015 Parameter Code: 00300

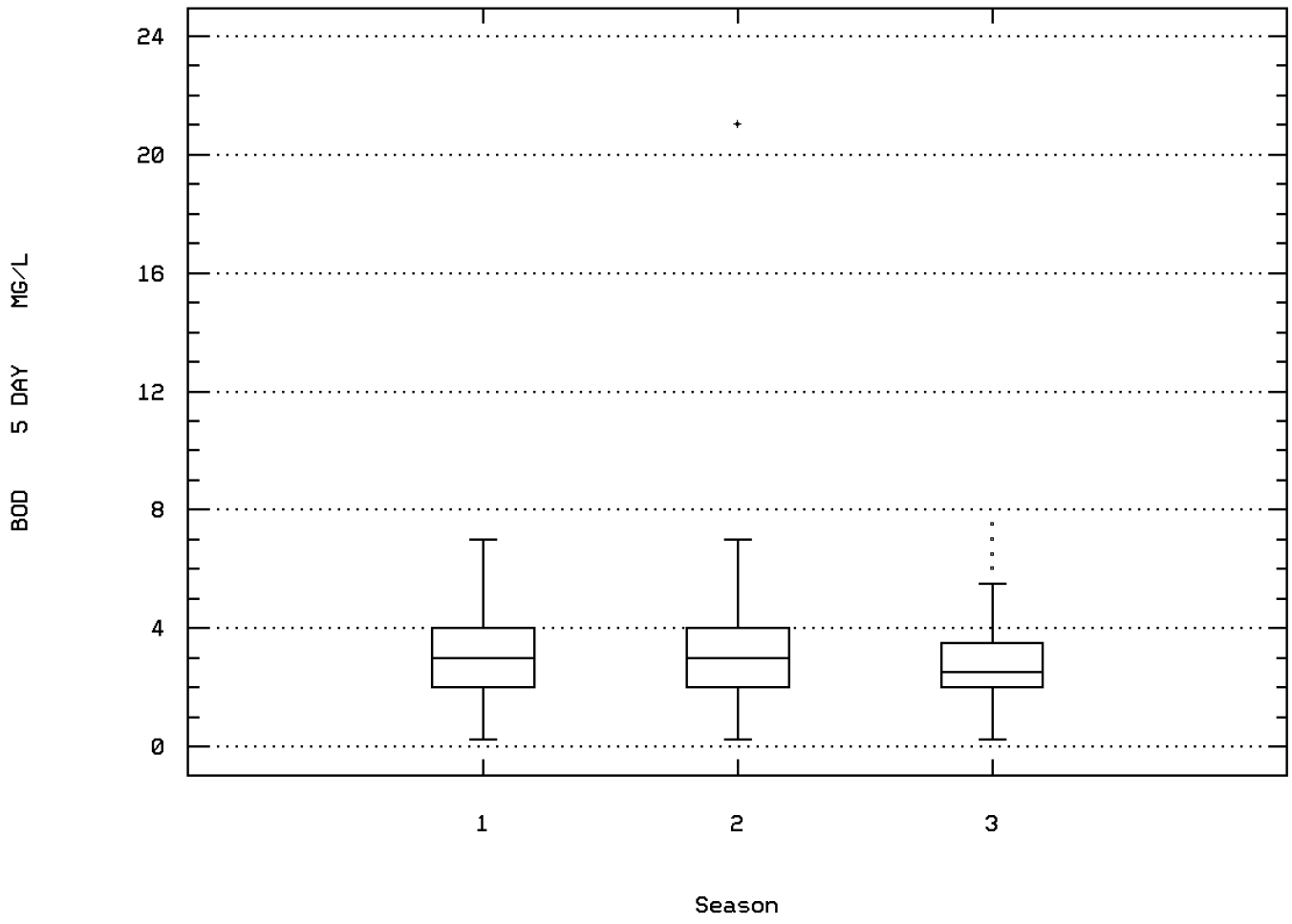
OXYGEN, DISSOLVED



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00310

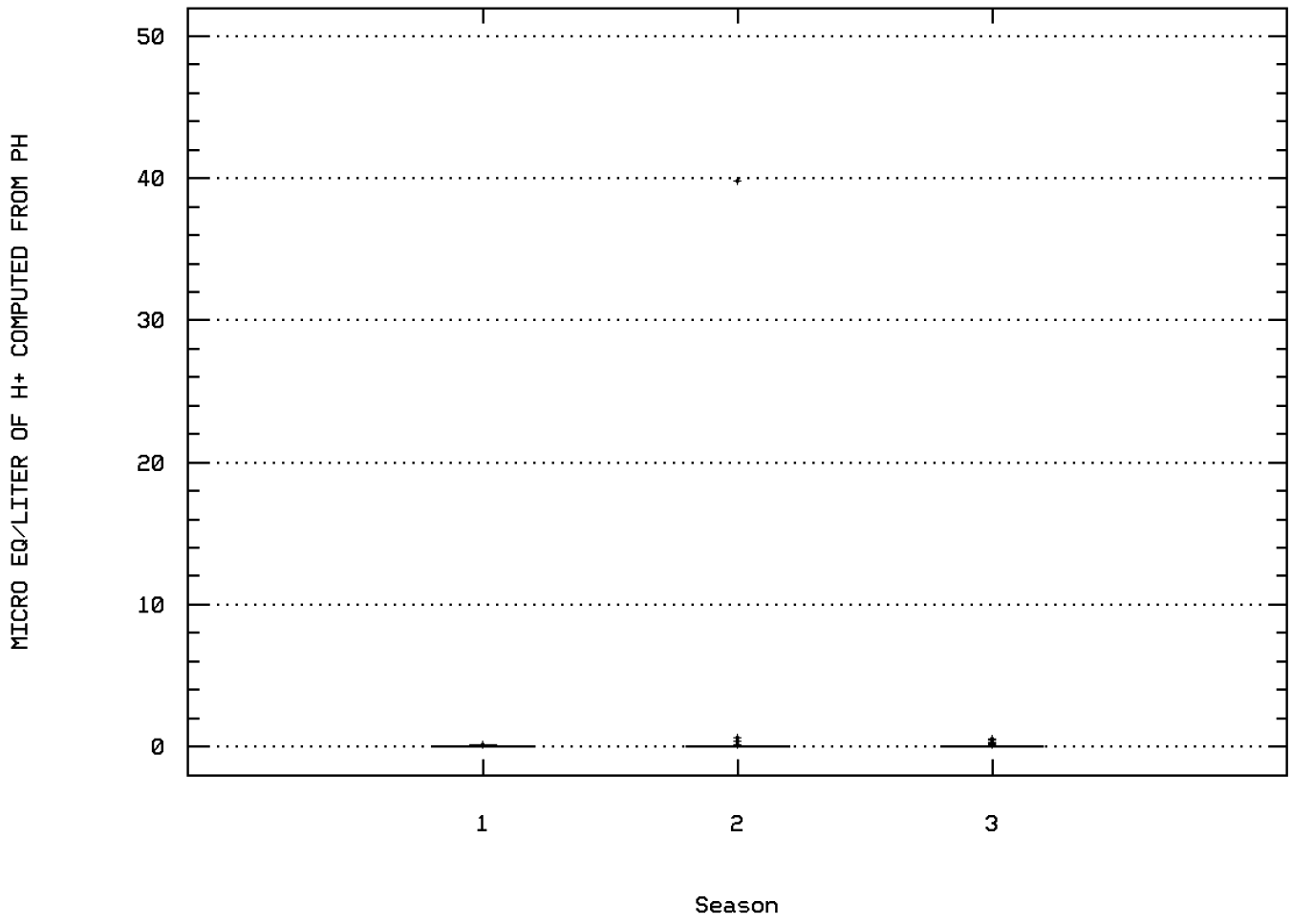
BOD, 5 DAY, 20 DEG C



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00400

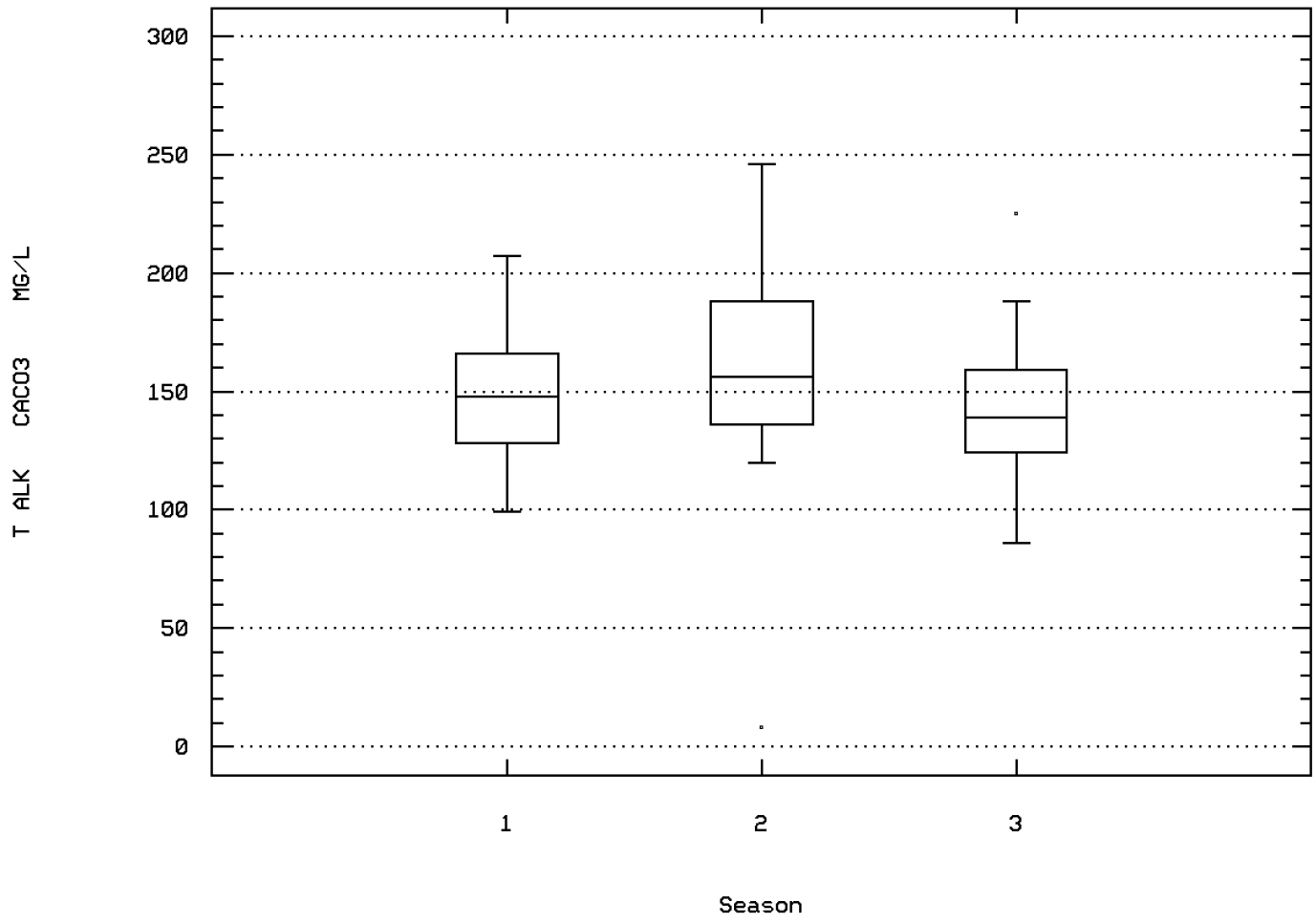
MICRO EQ/LITER OF H+ COMPUTED FROM PH



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00410

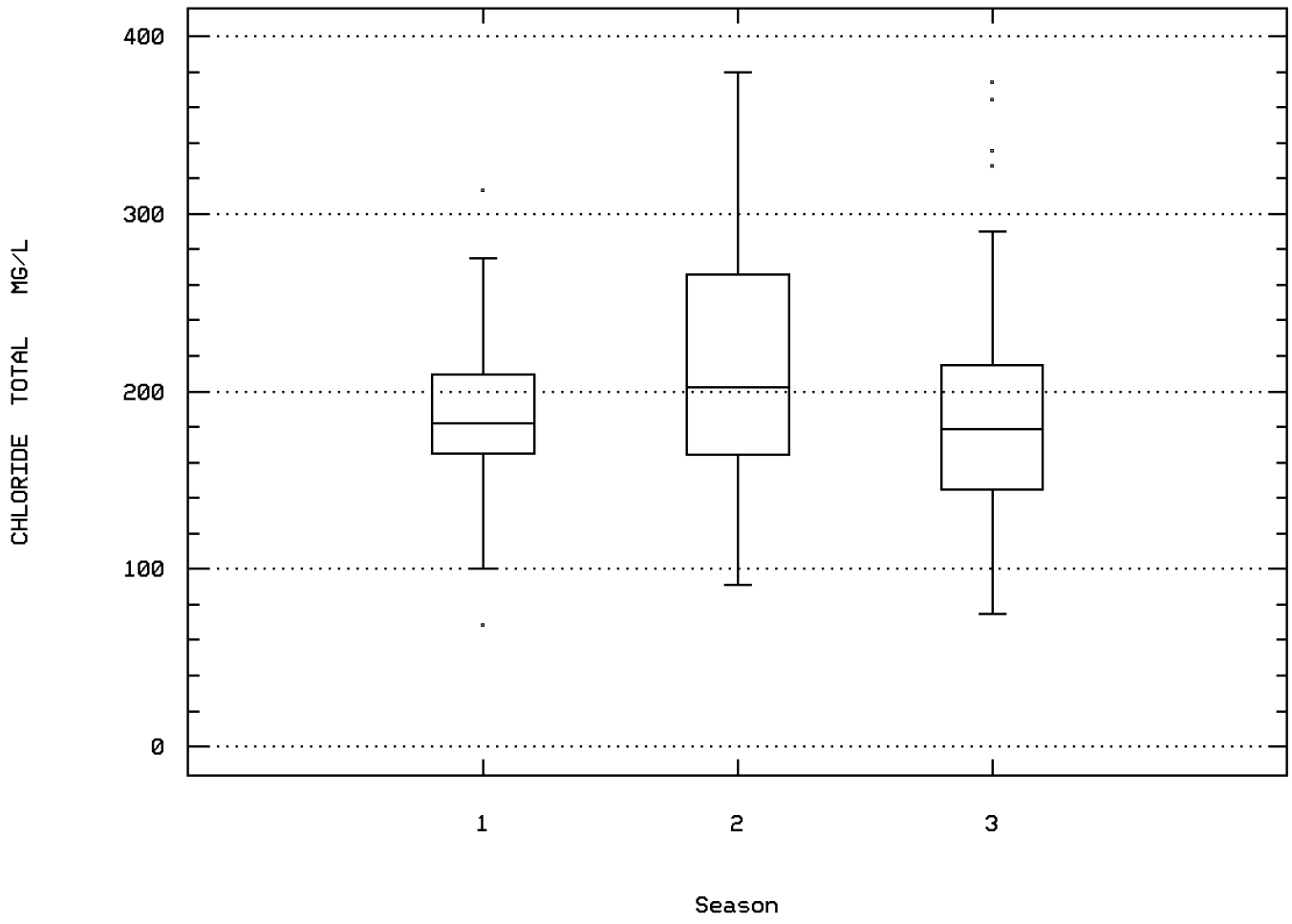
ALKALINITY, TOTAL (MG/L AS CACO3)



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00940

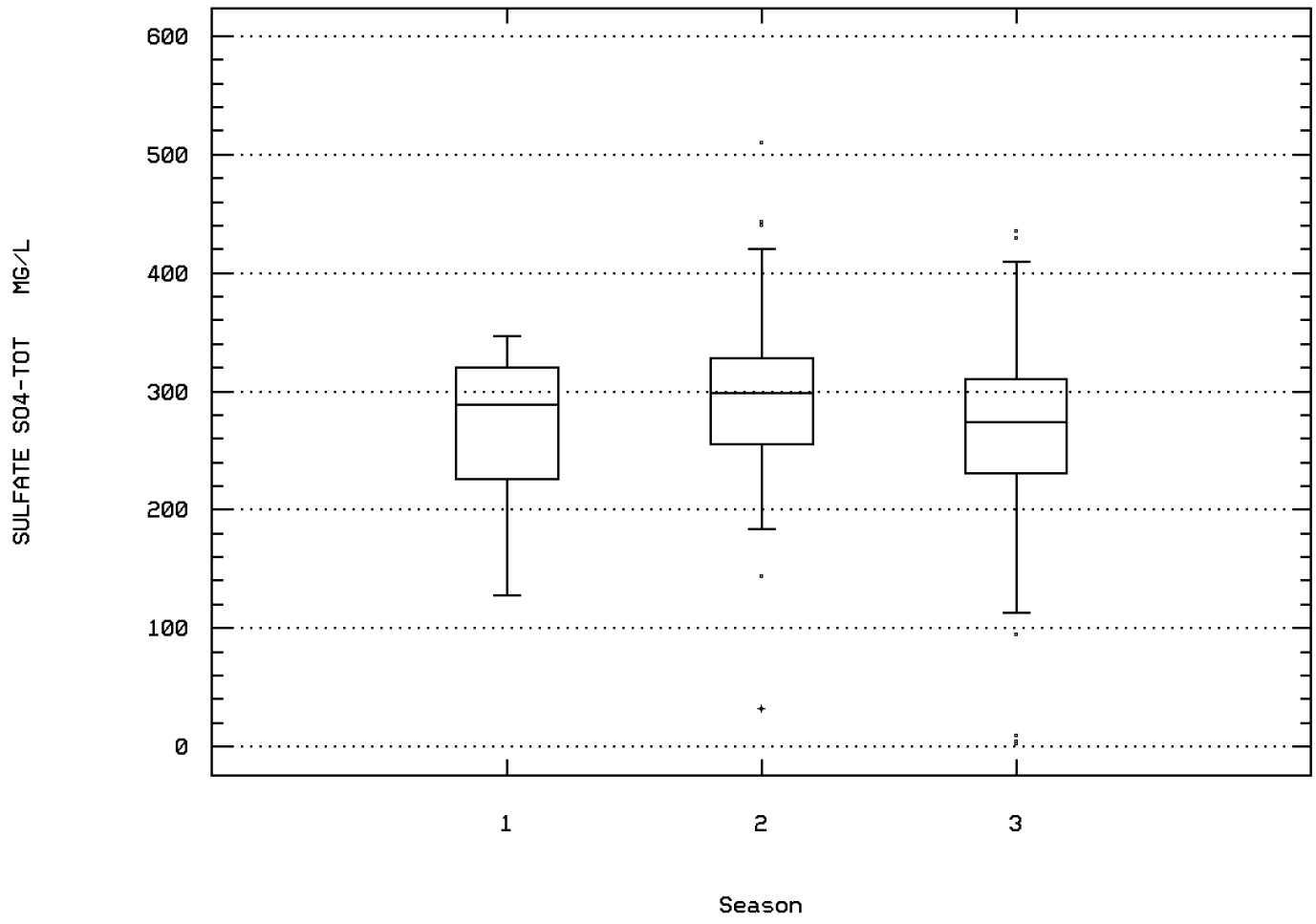
CHLORIDE,TOTAL IN WATER



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station: PAAL0015 Parameter Code: 00945

SULFATE, TOTAL (MG/L AS SO4)



RIO GRANDE INTERNATIONAL BRIDGE ON US 7

Station Inventory for Station: PAAL0016

NPS Station ID: PAAL0016 LAT/LON: 25.898615/ -97.497505 Agency: 112WRD Date Created: 08/17/77
Location: RIO GRANDE AT US HWY 77 AT BROWNSVILLE, TX FIPS State/County: 48061 TEXAS/CAMERON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 08474550
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 13090002 Depth of Water: 0 Aquifer:
Major Basin: Elevation: 0 Water Body Id:
Minor Basin: ECO Region:
RF1 Index: 13090002001 RF1 Mile Point: 51.850 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:

Parameter Inventory for Station: PAAL0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/77-12/02/81	55	25.	24.082	31.	11.	32.618	5.711	14.6	20.	29.	30.
00061	FLOW, STREAM, INSTANTANEOUS CFS	05/10/77-09/13/77	5	620.	1954.	6600.	180.	7297780.	2701.44	**	**	**	**
00070	TURBIDITY, (JACKSON CANDLE UNITS)	05/10/77-09/12/78	17	30.	59.412	360.	15.	7490.257	86.546	15.	17.5	60.	208.
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	10/03/78-12/02/81	37	31.	83.651	990.	1.	28733.959	169.511	7.44	17.	65.	206.
00080	COLOR (PLATINUM-COBALT UNITS)	05/10/77-12/02/81	53	10.	12.509	35.	0.	81.639	9.035	2.	5.	20.	28.
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	10/22/80-10/22/80	1	1320.	1320.	1320.	1320.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/10/77-12/02/81	55	1360.	1396.073	2430.	650.	130118.809	360.72	993.2	1100.	1550.	1916.
00300	OXYGEN, DISSOLVED MG/L	05/10/77-12/02/81	55	8.1	8.264	12.4	5.6	2.325	1.525	6.26	7.1	9.1	10.54
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/10/77-12/02/81	55	98.	95.336	119.	7.5	283.186	16.828	79.2	88.	105.	112.4
00310	BOD, 5 DAY, 20 DEG C MG/L	05/10/77-12/02/81	54	2.3	2.376	4.9	0.7	1.01	1.005	1.1	1.6	3.025	3.75
00400	PH (STANDARD UNITS)	05/10/77-12/02/81	55	8.	7.947	8.4	6.7	0.093	0.305	7.56	7.8	8.1	8.3
00400	CONVERTED PH (STANDARD UNITS)	05/10/77-12/02/81	55	8.	7.79	8.4	6.7	0.118	0.344	7.56	7.8	8.1	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/10/77-12/02/81	55	0.01	0.016	0.2	0.004	0.001	0.027	0.005	0.008	0.016	0.028
00403	PH, LAB, STANDARD UNITS SU	10/22/80-12/02/81	14	8.1	8.064	8.8	7.5	0.107	0.327	7.6	7.8	8.175	8.6
00403	CONVERTED PH, LAB, STANDARD UNITS	10/22/80-12/02/81	14	8.1	7.961	8.8	7.5	0.119	0.344	7.6	7.8	8.175	8.6
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/22/80-12/02/81	14	0.008	0.011	0.032	0.002	0.	0.008	0.003	0.007	0.016	0.026
00405	CARBON DIOXIDE (MG/L AS CO2)	06/29/79-06/29/79	1	1.8	1.8	1.8	1.8	0.	0.	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	06/29/79-04/08/81	2	147.5	147.5	180.	115.	2112.5	45.962	**	**	**	**
00440	BICARBONATE ION (MG/L AS HCO3)	06/29/79-06/29/79	1	140.	140.	140.	140.	0.	0.	**	**	**	**
00445	CARBONATE ION (MG/L AS CO3)	06/29/79-06/29/79	1	0.	0.	0.	0.	0.	0.	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/77-12/02/81	54	52.	136.889	852.	12.	36200.78	190.265	22.5	38.75	136.75	383.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/10/77-12/02/81	54	13.5	23.444	139.	0.	814.969	28.548	5.	8.	24.5	54.
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	03/14/79-12/02/81	32	33.	94.469	783.	7.	23842.967	154.412	8.9	19.5	94.5	281.2
00600	NITROGEN, TOTAL (MG/L AS N)	05/10/77-12/02/81	51	0.96	1.059	3.9	0.13	0.315	0.562	0.562	0.79	1.2	1.68
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	02/14/78-10/22/81	4	0.82	0.838	1.2	0.51	0.099	0.315	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	02/14/78-10/22/81	4	0.05	0.045	0.07	0.01	0.001	0.026	**	**	**	**
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	02/14/78-02/14/78	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	02/14/78-02/14/78	1	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/10/77-12/02/81	53	0.84	0.874	3.9	0.12	0.277	0.526	0.388	0.63	1.	1.36
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/10/77-12/02/81	52	0.065	0.172	0.91	0.	0.048	0.219	0.003	0.02	0.238	0.511
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	04/25/79-06/29/79	3	0.21	0.213	0.31	0.12	0.009	0.095	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/10/77-12/02/81	53	0.06	0.09	0.42	0.005	0.007	0.086	0.014	0.04	0.1	0.218
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/10/77-12/02/81	52	6.75	8.802	69.	3.2	93.517	9.67	3.8	5.125	9.3	13.
00940	CHLORIDE,TOTAL IN WATER MG/L	05/10/77-12/02/81	55	180.	192.909	390.	63.	5476.158	74.001	120.	140.	230.	312.
00945	SULFATE, TOTAL (MG/L AS SO4)	05/10/77-12/02/81	55	280.	278.182	450.	120.	4204.04	64.839	200.	240.	310.	360.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	02/20/81-02/20/81	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/10/77-12/02/81	54	235.	1005.315	22000.	3.	9673856.031	3110.282	37.	93.	525.	2050.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/10/77-12/02/81	54	2.371	2.386	4.342	0.477	0.466	0.683	1.567	1.968	2.719	3.311

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			242.943								
31673	FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/16/81-09/16/81	1	200.	200.	200.	200.	0.	0.	**	**	**	**
31673	LOG FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	09/16/81-09/16/81	1	2.301	2.301	2.301	2.301	0.	0.	**	**	**	**
31673	GM FECAL STREPTOCOCCI, MBR FILT,KF AGAR,35C,48HR	GEOMETRIC MEAN =			200.								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/10/77-12/02/81	54	825.5	871.056	1490.	402.	52728.204	229.626	618.5	681.5	985.	1220.
70302	SOLIDS, DISSOLVED-TONS PER DAY	05/10/77-09/13/77	5	1300.	3538.2	11400.	389.	20872497.2	4568.643	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/10/77-12/02/81	54	1.125	1.185	2.03	0.55	0.098	0.313	0.84	0.928	1.338	1.66
71886	PHOSPHORUS, TOTAL, AS PO4 - MG/L	04/25/79-12/02/81	30	0.195	0.276	1.3	0.03	0.067	0.259	0.063	0.12	0.325	0.607
71887	NITROGEN, TOTAL, AS NO3 - MG/L	05/10/77-12/02/81	51	4.2	4.682	17.	0.6	6.012	2.452	2.46	3.5	5.4	7.38

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: PAAL0016

				Total	Exceed	Prop.	----------10/01-11/30----------			----------12/01-3/31----------			----------4/01-9/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	17	5	0.29	2	0	0.00	4	1	0.25	11	4	0.36			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	37	12	0.32	7	2	0.29	13	3	0.23	17	7	0.41			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	55	0	0.00	9	0	0.00	17	0	0.00	29	0	0.00			
00400	PH	Fresh Chronic	9.	55	0	0.00	9	0	0.00	17	0	0.00	29	0	0.00			
		Other-Lo Lim.	6.5	55	0	0.00	9	0	0.00	17	0	0.00	29	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	14	0	0.00	3	0	0.00	5	0	0.00	6	0	0.00			
		Other-Lo Lim.	6.5	14	0	0.00	3	0	0.00	5	0	0.00	6	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	1	0	0.00				1	0	0.00						
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	1	0	0.00				1	0	0.00						
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	52	0	0.00	9	0	0.00	16	0	0.00	27	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	55	0	0.00	9	0	0.00	17	0	0.00	29	0	0.00			
		Drinking Water	250.	55	12	0.22	9	3	0.33	17	5	0.29	29	4	0.14			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	55	41	0.75	9	6	0.67	17	14	0.82	29	21	0.72			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	1	0	0.00				1	0	0.00						
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	54	30	0.56	9	4	0.44	17	5	0.29	28	21	0.75			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1977 - Station PAAL0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/77-12/02/81	8	26.25	26.188	30.	21.	10.924	3.305	**	**	**	**
00080	COLOR (PLATINUM-COBALT UNITS)	05/10/77-12/02/81	8	15.	14.375	30.	0.	124.554	11.16	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/10/77-12/02/81	8	1380.	1357.5	1720.	1020.	61278.571	247.545	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	05/10/77-12/02/81	8	7.8	8.063	9.1	7.1	0.52	0.721	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/10/77-12/02/81	8	100.5	100.875	108.	93.	20.982	4.581	**	**	**	**
00310	BOD, 5 DAY, 20 DEG C MG/L	05/10/77-12/02/81	8	2.45	2.25	3.2	1.	0.563	0.75	**	**	**	**
00400	PH (STANDARD UNITS)	05/10/77-12/02/81	8	7.7	7.687	8.	7.3	0.076	0.275	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	05/10/77-12/02/81	8	7.689	7.613	8.	7.3	0.082	0.286	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/10/77-12/02/81	8	0.02	0.024	0.05	0.01	0.	0.015	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/77-12/02/81	8	45.	91.75	342.	24.	11593.929	107.675	**	**	**	**
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/10/77-12/02/81	8	11.5	15.875	36.	6.	100.411	10.021	**	**	**	**
00600	NITROGEN, TOTAL (MG/L AS N)	05/10/77-12/02/81	8	0.745	0.678	1.1	0.13	0.117	0.341	**	**	**	**
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/10/77-12/02/81	8	0.65	0.579	0.96	0.12	0.08	0.283	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/10/77-12/02/81	8	0.045	0.105	0.43	0.01	0.021	0.144	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/10/77-12/02/81	8	0.055	0.069	0.16	0.01	0.002	0.049	**	**	**	**
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/10/77-12/02/81	8	5.65	6.55	13.	3.4	9.029	3.005	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	05/10/77-12/02/81	8	200.	188.75	260.	120.	2383.929	48.825	**	**	**	**
00945	SULFATE, TOTAL (MG/L AS SO4)	05/10/77-12/02/81	8	285.	263.75	300.	200.	1683.929	41.036	**	**	**	**
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/10/77-12/02/81	8	175.	180.75	300.	96.	4021.643	63.416	**	**	**	**
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/10/77-12/02/81	8	2.243	2.234	2.477	1.982	0.024	0.154	**	**	**	**
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			171.243								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/10/77-12/02/81	8	870.	857.5	1090.	640.	26404.286	162.494	**	**	**	**
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/10/77-12/02/81	8	1.185	1.168	1.48	0.87	0.049	0.221	**	**	**	**
71887	NITROGEN, TOTAL, AS NO3 - MG/L	05/10/77-12/02/81	8	3.3	3.025	5.1	0.6	2.402	1.55	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1978 - Station PAAL0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/77-12/02/81	12	26.5	24.417	31.	11.	35.22	5.935	12.95	20.25	29.	30.4
00080	COLOR (PLATINUM-COBALT UNITS)	05/10/77-12/02/81	12	20.	18.333	35.	0.	115.152	10.731	0.	11.25	25.	33.5
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/10/77-12/02/81	12	1370.	1380.	2430.	650.	181727.273	426.295	773.	1120.	1530.	2205.
00300	OXYGEN, DISSOLVED MG/L	05/10/77-12/02/81	12	8.55	8.142	10.5	5.6	1.932	1.39	5.78	7.125	9.025	10.17
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/10/77-12/02/81	12	98.	90.875	119.	7.5	885.097	29.751	26.55	83.75	109.	118.7
00310	BOD, 5 DAY, 20 DEG C MG/L	05/10/77-12/02/81	12	1.8	2.108	3.5	1.1	0.664	0.815	1.16	1.375	2.85	3.41
00400	PH (STANDARD UNITS)	05/10/77-12/02/81	12	7.8	7.883	8.3	7.5	0.052	0.229	7.56	7.725	8.075	8.27
00400	CONVERTED PH (STANDARD UNITS)	05/10/77-12/02/81	12	7.8	7.832	8.3	7.5	0.055	0.235	7.56	7.725	8.075	8.27
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/10/77-12/02/81	12	0.016	0.015	0.032	0.005	0.	0.007	0.005	0.008	0.019	0.028
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/77-12/02/81	12	78.	231.833	852.	16.	80217.97	283.228	23.2	44.	445.	792.
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/10/77-12/02/81	12	11.5	36.083	120.	4.	1876.447	43.318	4.3	6.25	79.	115.2
00600	NITROGEN, TOTAL (MG/L AS N)	05/10/77-12/02/81	11	0.96	1.125	2.3	0.64	0.232	0.482	0.644	0.79	1.3	2.16
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/10/77-12/02/81	12	0.815	0.809	1.5	0.17	0.106	0.325	0.29	0.643	0.96	1.38
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/10/77-12/02/81	11	0.09	0.267	0.91	0.02	0.106	0.326	0.022	0.03	0.49	0.89
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/10/77-12/02/81	12	0.07	0.115	0.32	0.005	0.013	0.116	0.007	0.035	0.228	0.317
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/10/77-12/02/81	12	5.85	8.108	34.	3.7	68.821	8.296	3.73	4.35	7.7	26.26
00940	CHLORIDE,TOTAL IN WATER MG/L	05/10/77-12/02/81	12	185.	185.25	380.	63.	5814.386	76.252	86.1	142.5	197.5	341.
00945	SULFATE, TOTAL (MG/L AS SO4)	05/10/77-12/02/81	12	275.	264.167	430.	120.	6208.333	78.793	132.	225.	297.5	397.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/10/77-12/02/81	12	600.	2474.167	22000.	20.	38284118.879	6187.416	21.2	62.5	1550.	15970.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/10/77-12/02/81	12	2.772	2.582	4.342	1.301	0.838	0.915	1.325	1.796	3.19	4.023
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			382.269								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/10/77-12/02/81	12	811.5	834.083	1490.	402.	66362.265	257.609	478.5	691.25	918.75	1337.3
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/10/77-12/02/81	12	1.105	1.134	2.03	0.55	0.123	0.351	0.652	0.943	1.248	1.82
71887	NITROGEN, TOTAL, AS NO3 - MG/L	05/10/77-12/02/81	11	4.2	4.973	10.	2.8	4.336	2.082	2.82	3.5	5.8	9.38

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1979 - Station PAAL0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/77-12/02/81	12	26.5	22.917	30.5	12.5	50.174	7.083	12.65	15.	28.5	30.35
00080	COLOR (PLATINUM-COBALT UNITS)	05/10/77-12/02/81	11	10.	9.091	15.	0.	24.091	4.908	1.	5.	15.	15.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/10/77-12/02/81	12	1290.	1450.833	2220.	1050.	151044.697	388.645	1056.	1135.	1837.5	2142.
00300	OXYGEN, DISSOLVED MG/L	05/10/77-12/02/81	12	8.3	8.567	12.4	6.2	3.597	1.897	6.23	6.875	9.975	11.71
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/10/77-12/02/81	12	99.	97.083	116.	80.	124.992	11.18	80.6	87.5	106.5	113.6
00310	BOD, 5 DAY, 20 DEG C MG/L	05/10/77-12/02/81	11	2.	2.145	4.2	0.7	1.639	1.28	0.72	0.9	3.5	4.1
00400	PH (STANDARD UNITS)	05/10/77-12/02/81	12	8.1	8.075	8.4	7.8	0.035	0.186	7.8	7.925	8.2	8.37
00400	CONVERTED PH (STANDARD UNITS)	05/10/77-12/02/81	12	8.1	8.039	8.4	7.8	0.036	0.19	7.8	7.925	8.2	8.37
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/10/77-12/02/81	12	0.008	0.009	0.016	0.004	0.	0.004	0.004	0.006	0.012	0.016
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/77-12/02/81	12	61.5	116.083	424.	17.	16374.083	127.961	18.2	30.	137.	391.9
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/10/77-12/02/81	12	13.	19.833	62.	4.	287.606	16.959	4.3	8.5	32.	54.2
00600	NITROGEN, TOTAL (MG/L AS N)	05/10/77-12/02/81	12	0.86	0.854	1.2	0.46	0.067	0.259	0.481	0.613	1.1	1.2
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/10/77-12/02/81	12	0.625	0.662	1.1	0.3	0.058	0.242	0.318	0.458	0.86	1.043
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/10/77-12/02/81	12	0.22	0.189	0.56	0.	0.033	0.182	0.006	0.02	0.265	0.524
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/10/77-12/02/81	12	0.045	0.062	0.19	0.01	0.002	0.049	0.013	0.025	0.08	0.163
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/10/77-12/02/81	12	6.6	7.058	12.	3.4	6.768	2.602	3.52	5.15	9.3	11.31
00940	CHLORIDE,TOTAL IN WATER MG/L	05/10/77-12/02/81	12	160.	200.833	390.	120.	7844.697	88.57	123.	132.5	265.	372.
00945	SULFATE, TOTAL (MG/L AS SO4)	05/10/77-12/02/81	12	265.	290.833	450.	230.	4244.697	65.151	230.	250.	342.5	420.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/10/77-12/02/81	12	230.	178.25	300.	3.	12390.75	111.314	16.5	54.	280.	294.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/10/77-12/02/81	12	2.361	2.059	2.477	0.477	0.341	0.584	0.838	1.727	2.447	2.468
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			114.502								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/10/77-12/02/81	12	805.5	906.167	1410.	648.	65415.606	255.765	652.5	693.	1165.	1359.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/10/77-12/02/81	12	1.095	1.233	1.92	0.88	0.122	0.349	0.886	0.943	1.583	1.851
71887	NITROGEN, TOTAL, AS NO3 - MG/L	05/10/77-12/02/81	12	3.8	3.758	5.3	2.	1.303	1.141	2.09	2.7	4.875	5.27

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1980 - Station PAAL0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/77-12/02/81	12	21.75	23.25	31.	14.	39.023	6.247	14.6	17.125	29.5	30.7
00080	COLOR (PLATINUM-COBALT UNITS)	05/10/77-12/02/81	12	9.	11.083	30.	5.	60.447	7.775	5.	5.	15.	27.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/10/77-12/02/81	12	1480.	1478.417	1900.	837.	85519.538	292.437	963.9	1348.	1715.	1897.
00300	OXYGEN, DISSOLVED MG/L	05/10/77-12/02/81	12	8.35	8.533	11.2	6.2	2.473	1.573	6.44	7.275	9.9	11.14
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/10/77-12/02/81	12	97.5	97.583	117.	78.	145.538	12.064	78.9	88.75	107.75	115.5
00310	BOD, 5 DAY, 20 DEG C MG/L	05/10/77-12/02/81	12	2.65	2.75	4.9	1.4	0.919	0.959	1.55	2.	3.4	4.51
00400	PH (STANDARD UNITS)	05/10/77-12/02/81	12	8.	7.95	8.4	6.7	0.183	0.427	7.06	7.9	8.175	8.37
00400	CONVERTED PH (STANDARD UNITS)	05/10/77-12/02/81	12	8.	7.601	8.4	6.7	0.316	0.562	7.06	7.9	8.175	8.37
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/10/77-12/02/81	12	0.01	0.025	0.2	0.004	0.003	0.055	0.004	0.007	0.013	0.143
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/77-12/02/81	12	43.	60.833	172.	12.	2336.152	48.334	17.4	34.	64.75	164.5
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/10/77-12/02/81	12	16.5	26.25	139.	1.	1332.023	36.497	3.1	9.	26.75	106.
00600	NITROGEN, TOTAL (MG/L AS N)	05/10/77-12/02/81	11	1.	1.325	3.9	0.67	0.808	0.899	0.71	0.9	1.4	3.46
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/10/77-12/02/81	11	0.92	1.204	3.9	0.63	0.835	0.914	0.666	0.84	1.	3.4
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/10/77-12/02/81	11	0.02	0.121	0.7	0.	0.047	0.218	0.	0.	0.18	0.626
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/10/77-12/02/81	11	0.07	0.077	0.17	0.01	0.002	0.044	0.016	0.05	0.1	0.16
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/10/77-12/02/81	11	7.2	13.427	69.	5.3	344.768	18.568	5.34	6.6	10.	57.8
00940	CHLORIDE,TOTAL IN WATER MG/L	05/10/77-12/02/81	12	190.	207.5	340.	130.	4056.818	63.693	136.	162.5	255.	328.
00945	SULFATE, TOTAL (MG/L AS SO4)	05/10/77-12/02/81	12	300.	296.667	370.	130.	3896.97	62.426	175.	280.	347.5	367.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/10/77-12/02/81	12	440.	1307.333	5600.	34.	3830624.242	1957.198	47.8	98.	1837.5	5420.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/10/77-12/02/81	12	2.643	2.645	3.748	1.531	0.497	0.705	1.643	1.98	3.226	3.733
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			441.556								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/10/77-12/02/81	11	942.	932.182	1180.	523.	34254.364	185.079	581.	823.	1120.	1172.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/10/77-12/02/81	11	1.28	1.267	1.6	0.71	0.063	0.251	0.79	1.12	1.52	1.59
71887	NITROGEN, TOTAL, AS NO3 - MG/L	05/10/77-12/02/81	11	4.4	5.845	17.	3.	15.169	3.895	3.18	4.	6.2	15.1

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1981 - Station PAAL0016

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	05/10/77-12/02/81	11	24.	24.364	30.	15.	25.405	5.04	15.8	20.	29.5	30.
00080	COLOR (PLATINUM-COBALT UNITS)	05/10/77-12/02/81	10	7.5	9.5	30.	5.	58.056	7.619	5.	5.	10.	28.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	05/10/77-12/02/81	11	1160.	1292.091	2110.	895.	174497.091	417.728	897.	953.	1540.	2076.
00300	OXYGEN, DISSOLVED MG/L	05/10/77-12/02/81	11	7.2	7.918	10.8	6.1	3.01	1.735	6.18	6.5	9.4	10.76
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	05/10/77-12/02/81	11	91.	91.818	113.	71.	171.564	13.098	72.	83.	102.	111.6
00310	BOD, 5 DAY, 20 DEG C MG/L	05/10/77-12/02/81	11	2.2	2.582	4.4	1.3	1.208	1.099	1.36	1.9	3.8	4.4
00400	PH (STANDARD UNITS)	05/10/77-12/02/81	11	8.	8.064	8.4	7.7	0.059	0.242	7.72	7.8	8.3	8.4
00400	CONVERTED PH (STANDARD UNITS)	05/10/77-12/02/81	11	8.	8.004	8.4	7.7	0.062	0.25	7.72	7.8	8.3	8.4
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/10/77-12/02/81	11	0.01	0.01	0.02	0.004	0.	0.005	0.004	0.005	0.016	0.019
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	05/10/77-12/02/81	10	67.5	175.3	818.	18.	59493.122	243.912	18.6	45.	256.25	765.2
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	05/10/77-12/02/81	10	15.	15.3	35.	0.	82.678	9.093	0.7	11.5	17.5	33.7
00600	NITROGEN, TOTAL (MG/L AS N)	05/10/77-12/02/81	9	1.3	1.266	1.7	0.79	0.117	0.343	0.79	0.9	1.6	1.7
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	05/10/77-12/02/81	10	1.1	1.082	1.5	0.63	0.084	0.289	0.636	0.87	1.325	1.49
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	05/10/77-12/02/81	10	0.13	0.158	0.52	0.	0.025	0.158	0.001	0.036	0.24	0.498
00665	PHOSPHORUS, TOTAL (MG/L AS P)	05/10/77-12/02/81	10	0.065	0.123	0.42	0.02	0.016	0.127	0.021	0.03	0.208	0.401
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	05/10/77-12/02/81	9	8.	8.4	14.	3.2	13.428	3.664	3.2	5.05	11.5	14.
00940	CHLORIDE,TOTAL IN WATER MG/L	05/10/77-12/02/81	11	150.	179.727	360.	97.	7808.818	88.368	97.6	100.	240.	348.
00945	SULFATE, TOTAL (MG/L AS SO4)	05/10/77-12/02/81	11	250.	270.	420.	190.	4660.	68.264	192.	220.	320.	404.
31625	FECAL COLIFORM, MF,M-FC, 0.7 UM	05/10/77-12/02/81	10	225.	532.4	2800.	24.	713186.489	844.504	25.6	85.	550.	2620.
31625	LOG FECAL COLIFORM, MF,M-FC, 0.7 UM	05/10/77-12/02/81	10	2.349	2.351	3.447	1.38	0.372	0.61	1.402	1.901	2.702	3.402
31625	GM FECAL COLIFORM, MF,M-FC, 0.7 UM	GEOMETRIC MEAN =			224.614								
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	05/10/77-12/02/81	11	739.	821.818	1330.	559.	71722.964	267.811	560.6	597.	1010.	1312.
70303	SOLIDS, DISSOLVED-TONS PER ACRE-FT	05/10/77-12/02/81	11	1.01	1.117	1.81	0.76	0.133	0.365	0.762	0.81	1.37	1.786
71887	NITROGEN, TOTAL, AS NO3 - MG/L	05/10/77-12/02/81	9	5.8	5.611	7.6	3.5	2.326	1.525	3.5	4.	7.1	7.6

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: PAAL0017

NPS Station ID: PAAL0017
LAT/LON: 25.941670/ -97.508337
Agency: 11FWS
Date Created: 10/05/77
Location: RIO GRANDE RIVER AT MISSION, TEXAS
FIPS State/County: 48061 TEXAS/CAMERON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 016
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 13090002
Depth of Water: 0
Aquifer:
Major Basin: WESTERN GULF
Elevation: 0
Water Body Id:
Minor Basin: RIO GRANDE BELOW PECOS RIV
ECO Region:
RF1 Index: 13090002001
RF1 Mile Point: 58.140
Distance from RF1: 0.00
On/Off RF1: ON
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
WHOLE BODY FISH COMPOSITE SAM. RESIDUE DATA. FWS NMP TRENDSTA

Parameter Inventory for Station: PAAL0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/01/69-10/01/86	45	211.	284.467	672.	121.	34531.3	185.826	161.	162.	261.5	671.
00023	SAMPLE WEIGHT IN POUNDS	10/01/69-10/01/84	42	0.6	0.729	2.7	0.1	0.26	0.51	0.3	0.4	0.95	1.47
00024	SAMPLE LENGTH IN INCHES	10/01/69-10/01/84	42	11.95	12.15	17.7	6.9	5.357	2.315	9.53	10.525	13.55	15.2
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	10/01/78-10/01/86	17	0.19	0.331	0.95	0.05	0.07	0.265	0.058	0.105	0.495	0.798
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	10/01/78-10/01/86	17	0.57	4.735	72.	0.29	300.488	17.335	0.29	0.41	0.66	15.08
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	10/01/86-10/01/86	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34684	DIELDRIN TISMG/KG	10/01/69-10/01/86	45	0.01	0.032	0.5	0.01	0.006	0.074	0.01	0.01	0.02	0.068
34685	ENDRIN WET WGTTISMG/KG	10/01/70-10/01/86	42	0.01	0.015	0.06	0.01	0.	0.011	0.01	0.01	0.013	0.037
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	10/01/86-10/01/86	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	10/01/69-10/01/86	45	0.01	0.026	0.45	0.01	0.005	0.072	0.01	0.01	0.01	0.014
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	10/01/76-10/01/86	20	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
34691	TOXAPHENE WET WGTTISMG/KG	10/01/71-10/01/86	38	0.15	0.305	1.37	0.01	0.108	0.329	0.01	0.1	0.505	0.814
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	10/01/76-10/01/86	20	0.01	0.02	0.09	0.01	0.	0.019	0.01	0.01	0.028	0.04
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/01/76-10/01/86	20	0.01	0.014	0.05	0.01	0.	0.009	0.01	0.01	0.01	0.02
39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	10/01/76-10/01/86	20	0.01	0.011	0.03	0.01	0.	0.004	0.01	0.01	0.01	0.01
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	10/01/76-10/01/86	20	0.01	0.02	0.08	0.01	0.	0.018	0.01	0.01	0.028	0.048
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	10/01/69-10/01/86	27	0.01	0.023	0.14	0.01	0.001	0.033	0.01	0.01	0.01	0.07
39105	PERCENT FAT HEXANE EXTRACTION	10/01/69-10/01/86	45	3.4	4.469	13.7	0.1	8.861	2.977	1.36	2.4	6.25	8.42
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	10/01/69-10/01/86	45	0.07	0.12	0.94	0.01	0.025	0.157	0.016	0.03	0.135	0.31
39781	LINDANE AQUATIC ORGANISMS WT WGT BASIS(UG/G)	10/01/86-10/01/86	3	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	10/01/76-10/01/84	17	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
70320	MOISTURE CONTENT (PERCENT OF TOTAL WET WEIGHT)	10/01/78-10/01/86	17	74.	74.412	82.	66.	19.007	4.36	66.8	72.	77.	82.
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	10/01/78-10/01/86	17	0.05	0.076	0.3	0.03	0.006	0.078	0.03	0.03	0.065	0.22
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/78-10/01/86	17	0.12	0.185	0.43	0.05	0.014	0.12	0.058	0.1	0.29	0.382
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/78-10/01/86	17	0.61	0.591	1.32	0.24	0.07	0.265	0.288	0.35	0.725	0.96
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/78-10/01/86	17	13.78	16.462	41.03	11.58	49.053	7.004	11.964	12.505	17.95	25.11
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/01/78-10/01/86	17	0.01	0.014	0.03	0.001	0.	0.008	0.008	0.01	0.02	0.03
79178	PCB-1242 TISDRYWTMG/KG	10/01/73-10/01/78	14	0.1	0.1	0.1	0.1	0.	0.	0.1	0.1	0.1	0.1
79179	PCB-1254 TISDRYWTMG/KG	10/01/69-10/01/86	45	0.1	0.358	9.	0.04	1.754	1.324	0.1	0.1	0.16	0.376
79182	PCB-1248 TISDRYWTMG/KG	10/01/76-10/01/86	20	0.1	0.088	0.1	0.01	0.001	0.031	0.02	0.1	0.1	0.1
79183	PCB-1260 TISDRYWTMG/KG	10/01/73-10/01/86	28	0.1	0.101	0.27	0.02	0.001	0.038	0.094	0.1	0.1	0.1
81312	POLYCHLORINATEDBIPHENYLS FISH TISSUE WET WGT MG/KG	10/01/86-10/01/86	3	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	10/01/80-10/01/86	14	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	10/01/80-10/01/86	14	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	10/01/69-10/01/86	45	1.89	2.728	12.	0.21	5.297	2.301	0.742	1.445	3.3	6.588
81944	DDT(INCLUDES DDE & DDD) IN TISSUE WET WEIGHT MG/KG	10/01/86-10/01/86	3	2.61	2.17	2.83	1.07	0.92	0.959	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
81987	TOTAL SEDIMENT PARTICLE SIZE %COARSER THAN 9.00PHI	10/01/69-10/01/86	45	0.09	0.133	0.73	0.01	0.02	0.141	0.03	0.045	0.175	0.268
82004	DACTHAL IN TISSUE SAMPLE WET WEIGHT MG/KG	10/01/78-10/01/86	17	0.09	0.143	0.45	0.01	0.022	0.147	0.01	0.025	0.255	0.41
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	10/01/78-10/01/86	17	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

********** No EPA Water Quality Criteria exist to compare against the data at this station. **********

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station PAAL0017

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	10/01/69-10/01/86	45	211.	284.467	672.	121.	34531.3	185.826	161.	162.	261.5	671.
00023	SAMPLE WEIGHT IN POUNDS	10/01/69-10/01/84	42	0.6	0.729	2.7	0.1	0.26	0.51	0.3	0.4	0.95	1.47
00024	SAMPLE LENGTH IN INCHES	10/01/69-10/01/84	42	11.95	12.15	17.7	6.9	5.357	2.315	9.53	10.525	13.55	15.2
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	10/01/78-10/01/86	17	0.19	0.331	0.95	0.05	0.07	0.265	0.058	0.105	0.495	0.798
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	10/01/78-10/01/86	17	0.57	4.735	72.	0.29	300.488	17.335	0.29	0.41	0.66	15.08
34684	DIELDRIN TISMG/KG	10/01/69-10/01/86	45	0.01	0.032	0.5	0.01	0.006	0.074	0.01	0.01	0.02	0.068
34685	ENDRIN WET WGTTISMG/KG	10/01/70-10/01/86	42	0.01	0.015	0.06	0.01	0.	0.011	0.01	0.01	0.013	0.037
34687	HEPTACHLOR WET WGTTISMG/KG	10/01/69-10/01/86	45	0.01	0.026	0.45	0.01	0.005	0.072	0.01	0.01	0.01	0.014
34688	HEXACHLOROBENZENE WET WGTTISMG/KG	10/01/76-10/01/86	20	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
34691	TOXAPHENE WET WGTTISMG/KG	10/01/71-10/01/86	38	0.15	0.305	1.37	0.01	0.108	0.329	0.01	0.1	0.505	0.814
39063	CHLORDANE-CIS ISOMER,TISSUE WET WGT (UG/G)	10/01/76-10/01/86	20	0.01	0.02	0.09	0.01	0.	0.019	0.01	0.01	0.028	0.04
39066	CHLORDANE-TRANS ISOMER,TISSUE WET WGT (UG/G)	10/01/76-10/01/86	20	0.01	0.014	0.05	0.01	0.	0.009	0.01	0.01	0.01	0.02
39069	CHLORDANE-NONACHLOR,CIS ISO,TISSUE WET WGT(UG/G)	10/01/76-10/01/86	20	0.01	0.011	0.03	0.01	0.	0.004	0.01	0.01	0.01	0.01
39072	CHLORDANE-NONACHLOR,TRANS ISO,TISSUE,WET WT,UG/G	10/01/76-10/01/86	20	0.01	0.02	0.08	0.01	0.	0.018	0.01	0.01	0.028	0.048
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	10/01/69-10/01/86	27	0.01	0.023	0.14	0.01	0.001	0.033	0.01	0.01	0.01	0.07
39105	PERCENT FAT HEXANE EXTRACTION	10/01/69-10/01/86	45	3.4	4.469	13.7	0.1	8.861	2.977	1.36	2.4	6.25	8.42
39290	DDT TOTAL IN TISSUE WET WGT BASIS (UG/G)	10/01/69-10/01/86	45	0.07	0.12	0.94	0.01	0.025	0.157	0.016	0.03	0.135	0.31
39785	GAMMA-BHC(LINDANE),TISSUE,WET WEIGHT,MG/KG	10/01/76-10/01/84	17	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
70320	MOISTURE CONTENT (PERCENT OF TOTAL WET WEIGHT)	10/01/78-10/01/86	17	74.	74.412	82.	66.	19.007	4.36	66.8	72.	77.	82.
71935	MERCURY, TOTAL IN FISH (PPM,WET WEIGHT BASIS)	10/01/78-10/01/86	17	0.05	0.076	0.3	0.03	0.006	0.078	0.03	0.03	0.065	0.22
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/78-10/01/86	17	0.12	0.185	0.43	0.05	0.014	0.12	0.058	0.1	0.29	0.382
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/78-10/01/86	17	0.61	0.591	1.32	0.24	0.07	0.265	0.288	0.35	0.725	0.96
71938	ZINC,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	10/01/78-10/01/86	17	13.78	16.462	41.03	11.58	49.053	7.004	11.964	12.505	17.95	25.11
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	10/01/78-10/01/86	17	0.01	0.014	0.03	0.001	0.	0.008	0.008	0.01	0.02	0.03
79179	PCB-1254 TISDRYWTMG/KG	10/01/69-10/01/86	45	0.1	0.358	9.	0.04	1.754	1.324	0.1	0.1	0.16	0.376
79182	PCB-1248 TISDRYWTMG/KG	10/01/76-10/01/86	20	0.1	0.088	0.1	0.01	0.001	0.031	0.02	0.1	0.1	0.1
79183	PCB-1260 TISDRYWTMG/KG	10/01/73-10/01/86	28	0.1	0.101	0.27	0.02	0.001	0.038	0.094	0.1	0.1	0.1
81645	MIREX IN FISH TISSUE WET WEIGHT UG/G	10/01/80-10/01/86	14	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
81823	PENTACHLOROANISOLE(PCA)INFISH TISSUE WET WGT MG/KG	10/01/80-10/01/86	14	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	10/01/69-10/01/86	45	1.89	2.728	12.	0.21	5.297	2.301	0.742	1.445	3.3	6.588
81987	TOTAL SEDIMENT PARTICLE SIZE %COARSER THAN 9.00PHI	10/01/69-10/01/86	45	0.09	0.133	0.73	0.01	0.02	0.141	0.03	0.045	0.175	0.268
82004	DACTHAL IN TISSUE SAMPLE WET WEIGHT MG/KG	10/01/78-10/01/86	17	0.09	0.143	0.45	0.01	0.022	0.147	0.01	0.025	0.255	0.41
82029	OXYCHLORDANE IN TISSUE SAMPLE WET WEIGHT MG/KG	10/01/78-10/01/86	17	0.01	0.01	0.01	0.01	0.	0.	0.01	0.01	0.01	0.01

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Station Inventory for Station: PAAL0018

NPS Station ID: PAAL0018 LAT/LON: 25.918337/ -97.529170 Agency: 1110NET Date Created: / /
Location: RIO GRANDE AT BROWNSVILLE FIPS State/County: 48000 TEXAS/
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): 480071 /48121002 /071-
RMI-Indexes: 1021001 009520 Within Park Boundary: No
RMI-Miles: 1250.10 0005.00
HUC: 13090002 Depth of Water: 0 Aquifer:
Major Basin: WESTERN GULF Elevation: 0 Water Body Id:
Minor Basin: RIO GRANDE-LOWER-BELOW PECOS RIVER ECO Region:
RF1 Index: 13090002001 RF1 Mile Point: 56.680 Distance from RF1: 0.00 On/Off RF1: ON
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
ALL SAMPLES COLLECTED AT DENISON DAM POWER HOUSE. ACTIVATION DATE' OCT. 19, 1959. SAMPLED BY' BROWNSVILLE WATER DEPT. FIELD ANALYSIS BY' BROWNS-
VILLE WATER DEPT.AND DEPT. OF THE INTERIOR-FWPCA. OTHER COOPERATING AGENCIES' TEXAS STATE DEPT. OF HEALTH. NEAREST PERTINENT GAGING STATION'
RIO GRANDE AT LOWER BROWNSVILLE GAGING STATION, OPERATED BY' INTER- NATIONAL BOUNDRY AND WATER COMM. DRAINAGE AREA AT GAGING STATION'182,20
SQUARE MILES. PERIOD OF RECORD' 1934 TO PRESENT. REMARKS' NONE 2555060 09731450

Parameter Inventory for Station: PAAL0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-02/04/63	131	25.	24.438	32.5	10.	28.131	5.304	16.54	20.7	29.4	30.9
00060	FLOW, STREAM, MEAN DAILY CFS	10/19/59-09/26/66	350	219.5	511.311	10550.	19.	1313260.977	1145.976	110.1	146.	441.75	900.8
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/59-12/20/71	337	27.	93.316	2940.	3.5	95393.116	308.858	12.5	12.5	65.	140.
00080	COLOR (PLATINUM-COBALT UNITS)	11/15/61-05/10/71	221	5.	5.977	80.	0.	45.904	6.775	0.	2.5	10.	10.
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	02/05/68-12/20/71	63	1160.	1168.54	1780.	623.	89814.027	299.69	737.	999.	1330.	1617.6
00300	OXYGEN, DISSOLVED MG/L	12/30/60-02/04/63	84	8.2	8.121	10.	1.4	1.096	1.047	7.15	7.6	8.875	9.2
00310	BOD, 5 DAY, 20 DEG C MG/L	12/30/60-02/04/63	83	1.2	1.261	2.3	0.7	0.155	0.394	0.8	0.9	1.5	1.86
00335	COD, .025N K2CR2O7 MG/L	02/22/62-02/22/62	1	15.	15.	15.	15.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	10/19/59-12/20/71	232	8.1	8.015	8.6	6.7	0.105	0.325	7.53	7.8	8.3	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-12/20/71	232	8.1	7.864	8.6	6.7	0.129	0.359	7.53	7.8	8.3	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-12/20/71	232	0.008	0.014	0.2	0.003	0.	0.017	0.005	0.005	0.016	0.03
00403	PH, LAB, STANDARD UNITS SU	05/10/71-09/13/71	6	7.95	7.85	8.	7.3	0.075	0.274	**	**	**	**
00403	CONVERTED PH, LAB, STANDARD UNITS	05/10/71-09/13/71	6	7.947	7.756	8.	7.3	0.086	0.293	**	**	**	**
00403	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	05/10/71-09/13/71	6	0.011	0.018	0.05	0.01	0.	0.016	**	**	**	**
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/59-05/10/71	337	132.	139.	600.	30.	1700.708	41.24	110.	120.	152.	170.
00500	RESIDUE, TOTAL (MG/L)	10/27/69-10/05/70	5	997.	1177.8	1615.	883.	123471.2	351.385	**	**	**	**
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/15/61-12/20/71	165	830.	827.665	2250.	0.7	100871.249	317.602	469.4	670.5	995.	1166.4
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/19/59-10/05/70	122	162.	231.213	1528.	25.	61608.632	248.211	52.	115.5	221.5	402.2
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	08/10/70-05/10/71	37	0.3	0.427	1.4	0.05	0.079	0.282	0.2	0.3	0.425	0.9
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/64-09/03/68	42	0.2	0.46	2.9	0.05	0.465	0.682	0.05	0.05	0.5	1.72
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	12/07/64-09/30/68	40	0.75	1.073	5.2	0.1	1.032	1.016	0.3	0.5	1.175	2.09
00636	NITROGEN, AMMONIA&ORG., DISS. 1 DET (MG/L AS N)	01/04/65-07/05/66	13	0.2	0.45	2.2	0.05	0.4	0.632	0.05	0.05	0.65	1.8
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	11/04/68-12/23/68	8	0.075	0.225	0.54	0.05	0.05	0.224	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/31/61-09/29/64	108	0.	0.052	1.	0.	0.033	0.182	0.	0.	0.	0.1
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/04/65-05/10/71	96	0.05	0.097	0.65	0.003	0.016	0.127	0.01	0.03	0.09	0.27
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	12/07/64-09/30/68	28 ##	0.005	0.01	0.05	0.005	0.	0.01	0.005	0.005	0.01	0.021
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	03/01/65-09/03/68	34	4.65	5.176	10.	2.	2.673	1.635	4.	4.275	5.65	8.
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	04/05/65-08/06/68	29	2.7	3.119	9.5	0.25	3.569	1.889	1.2	1.8	3.9	6.4
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-12/20/71	317	304.	314.268	636.	2.	7072.969	84.101	213.6	263.5	360.	420.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/62-05/03/71	48	140.	143.573	230.	75.	1109.521	33.309	105.9	125.25	155.	192.2
00935	POTASSIUM, DISSOLVED (MG/L AS K)	10/01/62-01/11/71	13	6.5	6.8	12.	3.	4.382	2.093	3.8	5.75	7.7	10.6
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-12/20/71	355	195.	210.58	750.	31.	8825.73	93.945	110.	146.	265.	330.
00945	SULFATE, TOTAL (MG/L AS SO4)	05/31/61-12/20/71	252	235.5	232.19	578.	30.	5381.071	73.356	132.2	194.25	278.	313.5
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/62-12/20/71	68	0.6	0.549	1.18	0.02	0.079	0.281	0.068	0.32	0.728	0.864
01000	ARSENIC, DISSOLVED (UG/L AS AS)	10/01/62-04/01/68	12 ##	25.	22.25	42.	5.	95.295	9.762	5.	20.	25.	36.9
01005	BARIUM, DISSOLVED (UG/L AS BA)	10/01/62-04/01/68	10	112.5	118.5	210.	84.	1216.056	34.872	85.	99.25	125.5	202.
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	10/01/62-07/01/67	9 ##	0.1	0.101	0.15	0.015	0.002	0.039	0.015	0.087	0.133	0.15
01020	BORON, DISSOLVED (UG/L AS B)	10/01/62-04/01/68	11	437.	501.818	890.	246.	53536.764	231.38	246.8	351.	820.	876.
01025	CADMIUM, DISSOLVED (UG/L AS CD)	10/01/62-02/01/71	13 ##	5.	9.769	25.	1.	78.067	8.836	1.	1.	18.25	23.4
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	10/01/62-02/01/71	10 ##	6.25	15.05	100.	0.5	902.414	30.04	0.65	2.	10.125	91.05
01035	COBALT, DISSOLVED (UG/L AS CO)	10/01/62-04/01/68	12 ##	10.	9.417	21.	1.	59.992	7.745	1.	1.	15.875	20.7
01040	COPPER, DISSOLVED (UG/L AS CU)	10/01/62-02/01/71	13 ##	5.	13.154	100.	2.	687.349	26.217	2.8	4.	9.	64.2
01045	IRON, TOTAL (UG/L AS FE)	10/01/62-02/01/71	13	16.5	273.192	2400.	2.	458318.397	676.992	2.4	7.	108.	1769.2
01049	LEAD, DISSOLVED (UG/L AS PB)	10/01/62-02/01/71	13 ##	24.5	26.808	125.	2.	1086.189	32.957	2.	3.	36.25	91.8
01055	MANGANESE, TOTAL (UG/L AS MN)	10/01/62-02/01/71	13 ##	4.05	11.115	75.	0.5	426.847	20.66	0.52	1.	8.5	56.76
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	10/01/62-04/01/68	12 ##	22.25	20.583	42.	4.	192.583	13.877	4.	5.5	31.375	41.4
01065	NICKEL, DISSOLVED (UG/L AS NI)	10/01/62-02/01/71	13 ##	12.5	16.115	100.	1.	692.298	26.312	1.	1.	18.25	68.4
01070	PHOSPHORUS, TOTAL, SPECTROGRAPH METH (UG/L AS P)	10/01/62-07/01/67	9 ##	27.	40.444	84.	9.5	834.903	28.895	9.5	16.	72.5	84.
01075	SILVER, DISSOLVED (UG/L AS AG)	10/01/62-04/01/68	12 ##	1.2	1.242	2.7	0.1	0.901	0.949	0.1	0.25	2.075	2.64
01080	STRONTIUM, DISSOLVED (UG/L AS SR)	10/01/62-04/01/68	10	1010.5	1064.6	1860.	585.	160204.711	400.256	597.7	724.	1379.	1814.
01085	VANADIUM, DISSOLVED (UG/L AS V)	10/01/62-04/01/68	12 ##	14.5	17.542	42.	2.	264.884	16.275	2.	2.	31.375	41.4
01090	ZINC, DISSOLVED (UG/L AS ZN)	10/01/62-02/01/71	13 ##	12.5	14.423	38.	1.	97.285	9.863	3.	6.75	20.5	32.8
01105	ALUMINUM, TOTAL (UG/L AS AL)	04/01/63-07/01/67	8 ##	27.25	26.	42.	5.	223.571	14.952	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	10/01/62-04/01/63	2 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
01501	ALPHA, TOTAL	10/26/59-10/05/70	62	4.	4.613	21.	0.	17.684	4.205	1.	2.	6.	10.4
01502	ALPHA, TOTAL, COUNTING ERROR	11/28/61-10/05/70	37	4.	4.838	11.	2.	4.195	2.048	2.8	3.	6.	8.
01503	ALPHA, DISSOLVED	10/26/59-10/05/70	62	3.	3.097	11.	0.	5.564	2.359	0.	1.	4.	5.7
01504	ALPHA, DISSOLVED, COUNTING ERROR	11/28/61-10/05/70	37	4.	4.216	8.	2.	2.619	1.618	2.	3.	5.	7.
01505	ALPHA, SUSPENDED	10/26/59-10/05/70	62	0.	1.516	17.	0.	8.942	2.99	0.	0.	2.	4.
01506	ALPHA, SUSPENDED, COUNTING ERROR	11/28/61-10/05/70	37	1.	1.865	11.	0.	5.065	2.25	0.	0.	2.	5.2
03501	BETA, TOTAL	10/19/59-10/05/70	121	22.	30.017	418.	0.	2191.983	46.819	0.	0.	38.	56.6
03502	BETA, TOTAL, COUNTING ERROR	10/04/61-10/05/70	73	36.	34.288	103.	3.	314.874	17.745	11.4	22.	44.	48.6
03503	BETA, DISSOLVED	10/19/59-10/05/70	121	16.	19.397	234.	0.	722.141	26.873	0.	0.	29.	37.8
03504	BETA, DISSOLVED, COUNTING ERROR	10/04/61-10/05/70	73	28.	27.192	82.	3.	187.046	13.676	9.4	17.5	33.5	40.
03505	BETA, SUSPENDED	10/19/59-10/05/70	121	4.	10.62	317.	0.	899.021	29.984	0.	0.	14.	22.
03506	BETA, SUSPENDED, COUNTING ERROR	10/04/61-10/05/70	73	21.	19.753	63.	1.	163.522	12.788	2.	10.5	26.	32.8
13501	STRONTIUM 90, TOTAL	10/01/59-01/01/65	14	0.8	1.171	2.6	0.3	0.731	0.855	0.3	0.525	2.075	2.6
13502	STRONTIUM 90, TOTAL, COUNTING ERROR	01/01/65-01/01/65	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/09/60-05/22/72	461	500.	988.502	16000.	0.	2550346.745	1596.981	80.	200.	1000.	2000.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/09/60-05/22/72	461	2.699	2.621	4.204	0.	0.469	0.685	1.903	2.301	3.	3.301
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			417.77								
32001	SAMPLE SIZE (GALLONS)	01/25/61-10/11/65	40	1270.	2879.	20880.	268.	11673329.59	3416.625	285.2	1075.	4512.5	5025.
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	01/25/61-10/11/65	41	283.	336.634	1091.	92.	59711.238	244.359	139.4	161.5	397.5	811.4
32004	CARBON ALCOHOL EXTRACTABLES	01/25/61-10/11/65	41	235.	280.512	953.	60.	48428.406	220.065	94.2	131.	331.5	708.8
32005	CARBON CHLOROFORM EXTRACTABLES	01/25/61-10/11/65	41	48.	56.122	138.	13.	835.71	28.909	23.4	33.5	72.	105.8
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	01/25/61-10/01/63	14	1.	1.286	3.	0.	0.835	0.914	0.	1.	2.	3.
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	01/25/61-10/01/63	14	8.5	9.143	15.	2.	15.978	3.997	3.5	5.75	13.25	14.5
32023	ACIDS, STRONG	01/25/61-10/01/63	14	2.	2.071	5.	1.	1.61	1.269	1.	1.	3.	4.5
32024	ACIDS, WEAK	01/25/61-10/01/63	14	4.5	4.214	6.	1.	2.335	1.528	1.5	3.	5.25	6.
32025	BASES	01/25/61-10/01/63	14	1.	0.929	1.	0.	0.071	0.267	0.5	1.	1.	1.
32026	NEUTRALS, TOTAL	01/25/61-10/01/63	14	13.5	14.214	28.	7.	30.797	5.549	8.	10.	16.5	25.
32027	ALIPHATICS FRACTION OF NEUTRALS	01/25/61-10/01/63	14	2.	2.643	10.	0.	6.247	2.499	0.5	1.	3.25	7.5
32028	AROMATICS FRACTION OF NEUTRALS	01/25/61-10/01/63	14	1.5	1.714	3.	1.	0.681	0.825	1.	1.	2.25	3.
32029	OXYGENATED COMPOUNDS FRACTION OF NEUTRALS	01/25/61-10/01/63	14	9.	9.571	14.	5.	6.725	2.593	6.	8.	12.	13.5
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	03/02/64-06/04/68	52	0.06	0.064	0.28	0.01	0.002	0.044	0.02	0.03	0.078	0.117
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/05/61-09/29/67	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	09/13/66-09/13/66	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	12	0.003	0.006	0.026	0.	0.	0.008	0.	0.	0.012	0.022
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	10	0.001	0.003	0.022	0.	0.	0.007	0.	0.	0.001	0.02
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	11	0.002	0.019	0.144	0.	0.002	0.042	0.	0.	0.018	0.12
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	12	0.001	0.002	0.008	0.	0.	0.002	0.	0.001	0.004	0.007

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Parameter Inventory for Station: PAAL0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	12	0.001	0.002	0.008	0.	0.	0.002	0.	0.	0.003	0.007
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	13	0.	0.003	0.035	0.	0.	0.01	0.	0.	0.	0.021
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	12	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
60050	ALGAE, TOTAL (CELLS/ML)	10/04/61-11/04/68	100	8400.	10420.22	71800.	54.	99203222.779	9960.081	1710.	3325.	15375.	22180.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/04/61-11/04/68	100	195.	568.23	7020.	0.	1135757.936	1065.719	0.	20.	715.	1464.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/04/61-11/04/68	100	20.	278.7	5610.	0.	759037.687	871.228	0.	0.	202.5	447.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/04/61-11/04/68	100	1290.	2115.74	13840.	50.	5796126.114	2407.515	180.	675.	2507.5	5032.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/04/61-11/04/68	104	90.	784.019	10580.	0.	3967053.204	1991.746	0.	0.	443.5	2286.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/04/61-11/04/68	100	145.	254.17	1560.	0.	85487.981	292.383	0.7	52.5	367.5	670.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/04/61-11/04/68	100	0.	78.09	2083.	0.	83108.689	288.286	0.	0.	40.	140.
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	10/18/61-06/05/67	89	42.	46.562	95.	5.	504.772	22.467	21.	28.	61.5	82.
60391	DIATOMS,PERCENT OF TOTAL,SECOND DOMINANT SPECIES	10/03/66-06/05/67	4	21.5	24.	37.	16.	86.	9.274	**	**	**	**
60392	DIATOMS,PERCENT OF TOTAL,THIRD DOMINANT SPECIES	10/03/66-05/01/67	3	8.	8.	10.	6.	4.	2.	**	**	**	**
60393	DIATOMS,PERCENT OF TOTAL,FOURTH DOMINANT SPECIES	10/03/66-05/01/67	3	6.	4.667	6.	2.	5.333	2.309	**	**	**	**
60394	DIATOMS,PERCENT OF TOTAL,ALL OTHER SPECIES	10/03/66-06/05/67	4	26.5	30.75	63.	7.	594.917	24.391	**	**	**	**
60400	DIATOMS, CENTRIC (/ML)	10/04/61-11/04/68	100	355.	632.61	9260.	0.	1234249.695	1110.968	61.	132.5	685.	1166.
60600	DIATOMS, PENNATE (/ML)	10/04/61-11/04/68	100	2925.	4886.64	30830.	50.	30136268.455	5489.651	487.	1380.	5897.5	13059.
60610	DIATOM, INERT SHELLS - CENTRIC (/ML)	10/03/66-11/04/68	16	65.	79.563	190.	0.	5499.063	74.156	0.	3.25	165.	183.
60620	DIATOM, INERT SHELLS - PENNATE (/ML)	10/03/66-11/04/68	16	65.	204.	1350.	0.	125317.333	354.002	0.	0.	220.	874.
60820	PROTOZOA, TOTAL (/ML)	10/04/61-03/18/63	35	0.	2.286	20.	0.	35.798	5.983	0.	0.	0.	14.
60850	ROTIFERS, TOTAL (/LITER)	10/04/61-04/15/63	36	62.5	290.361	3060.	0.	430647.552	656.237	0.	0.25	204.75	1050.
60900	CRUSTACEA, TOTAL (/LITER)	10/04/61-04/15/63	36	0.	1.361	7.	0.	4.58	2.14	0.	0.	2.75	6.
60950	NEMATODES, TOTAL (/LITER)	10/04/61-04/15/63	36	0.	0.083	1.	0.	0.079	0.28	0.	0.	0.	0.3
60990	ZOOPLANKTON OTHER (/LITER)	10/04/61-04/15/63	36	0.	0.056	1.	0.	0.054	0.232	0.	0.	0.	0.
71000	COUNT LEVEL OF MOST ABNDNT ALGAE1ST DOMINANT /ML	10/03/66-06/05/67	4	1125.	4275.	14400.	450.	45967500.	6779.934	**	**	**	**
71001	COUNT LEVEL OF MOST ABNDNT ALGAE2ND DOMINANT /ML	11/07/66-06/05/67	3	900.	1050.	1800.	450.	472500.	687.386	**	**	**	**
71002	COUNT LEVEL OF MOST ABNDNT ALGAE3RD DOMINANT /ML	11/07/66-06/05/67	3	450.	900.	1800.	450.	607500.	779.423	**	**	**	**
71003	COUNT LEVEL OF MOST ABNDNT ALGAE4TH DOMINANT /ML	11/07/66-06/05/67	3	225.	450.	900.	225.	151875.	389.711	**	**	**	**
71004	COUNT LEVEL OF MOST ABNDNT ALGAE5TH DOMINANT /ML	11/07/66-06/05/67	3	225.	450.	900.	225.	151875.	389.711	**	**	**	**
71005	COUNT LEVEL OF MOST ABNDNT ALGAE6TH DOMINANT /ML	11/07/66-11/07/66	1	450.	450.	450.	450.	0.	0.	**	**	**	**
71006	COUNT LEVEL OF MOST ABNDNT ALGAE7TH DOMINANT /ML	11/07/66-11/07/66	1	450.	450.	450.	450.	0.	0.	**	**	**	**
71007	COUNT LEVEL OF MOST ABNDNT ALGAE8TH DOMINANT /ML	11/07/66-11/07/66	1	450.	450.	450.	450.	0.	0.	**	**	**	**
71008	COUNT LEVEL OF MOST ABNDNT ALGAE9TH DOMINANT /ML	11/07/66-11/07/66	1	450.	450.	450.	450.	0.	0.	**	**	**	**
71009	COUNT LEVEL OF MOST ABNDNT ALGAE10TH DOMINANT /ML	11/07/66-11/07/66	1	225.	225.	225.	225.	0.	0.	**	**	**	**
71010	GENUS OF MOST ABUNDANT ALGAE 1ST DOMINANT /ML	10/03/66-06/05/67	4	71.	71.	92.	50.	588.	24.249	**	**	**	**
71011	GENUS OF MOST ABUNDANT ALGAE 2ND DOMINANT /ML	11/07/66-06/05/67	3	50.	47.667	92.	1.	2074.333	45.545	**	**	**	**
71012	GENUS OF MOST ABUNDANT ALGAE 3RD DOMINANT /ML	11/07/66-06/05/67	3	38.	50.333	88.	25.	1106.333	33.262	**	**	**	**
71013	GENUS OF MOST ABUNDANT ALGAE 4TH DOMINANT /ML	11/07/66-06/05/67	3	83.	86.	92.	83.	27.	5.196	**	**	**	**
71014	GENUS OF MOST ABUNDANT ALGAE 5TH DOMINANT /ML	11/07/66-06/05/67	3	38.	33.667	38.	25.	56.333	7.506	**	**	**	**
71015	GENUS OF MOST ABUNDANT ALGAE 6TH DOMINANT /ML	11/07/66-11/07/66	1	88.	88.	88.	88.	0.	0.	**	**	**	**
71016	GENUS OF MOST ABUNDANT ALGAE 7TH DOMINANT /ML	11/07/66-11/07/66	1	44.	44.	44.	44.	0.	0.	**	**	**	**
71017	GENUS OF MOST ABUNDANT ALGAE 8TH DOMINANT /ML	11/07/66-11/07/66	1	31.	31.	31.	31.	0.	0.	**	**	**	**
71018	GENUS OF MOST ABUNDANT ALGAE 9TH DOMINANT /ML	11/07/66-11/07/66	1	9.	9.	9.	9.	0.	0.	**	**	**	**
71019	GENUS OF MOST ABUNDANT ALGAE 10TH DOMINANT /ML	11/07/66-11/07/66	1	35.	35.	35.	35.	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	11/16/70-12/21/70	5 ##	0.25	0.36	0.8	0.25	0.061	0.246	**	**	**	**
71900	MERCURY, TOTAL (UG/L AS HG)	02/01/71-02/01/71	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: PAAL0018

				Total	Exceed	Prop.	----------10/01-11/30----------			----------12/01-3/31----------			----------4/01-9/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	337	116	0.34	70	36	0.51	115	34	0.30	152	46	0.30			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	84	1	0.01	17	0	0.00	26	0	0.00	41	1	0.02			
00400	PH	Fresh Chronic	9.	232	0	0.00	55	0	0.00	84	0	0.00	93	0	0.00			
		Other-Lo Lim.	6.5	232	0	0.00	55	0	0.00	84	0	0.00	93	0	0.00			
00403	PH, LAB	Fresh Chronic	9.	6	0	0.00							6	0	0.00			
		Other-Lo Lim.	6.5	6	0	0.00							6	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	42	0	0.00	6	0	0.00	15	0	0.00	21	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: PAAL0018

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-9/30 Obs	4/01-9/30 Exceed	4/01-9/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	355	0	0.00	71	0	0.00	116	0	0.00	168	0	0.00			
		Drinking Water	250.	355	105	0.30	71	19	0.27	116	36	0.31	168	50	0.30			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	252	103	0.41	53	18	0.34	78	43	0.55	121	42	0.35			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	68	0	0.00	21	0	0.00	20	0	0.00	27	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	12	0	0.00	4	0	0.00	1	0	0.00	7	0	0.00			
		Drinking Water	50.	12	0	0.00	4	0	0.00	1	0	0.00	7	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	10	0	0.00	4	0	0.00	1	0	0.00	5	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	9	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00			
		Drinking Water	4.	9	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	4 &	0	0.00	1	0	0.00				3	0	0.00			
		Drinking Water	5.	6 &	0	0.00	2	0	0.00				4	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	9 &	0	0.00	3	0	0.00	1	0	0.00	5	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	12 &	0	0.00	4	0	0.00	1	0	0.00	7	0	0.00			
		Drinking Water	1300.	13	0	0.00	4	0	0.00	2	0	0.00	7	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	12 &	0	0.00	4	0	0.00	1	0	0.00	7	0	0.00			
		Drinking Water	15.	6 &	0	0.00	2	0	0.00				4	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	13	0	0.00	4	0	0.00	2	0	0.00	7	0	0.00			
		Drinking Water	100.	12 &	0	0.00	4	0	0.00	1	0	0.00	7	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	12	0	0.00	4	0	0.00	1	0	0.00	7	0	0.00			
		Drinking Water	100.	12	0	0.00	4	0	0.00	1	0	0.00	7	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	13	0	0.00	4	0	0.00	2	0	0.00	7	0	0.00			
		Drinking Water	5000.	13	0	0.00	4	0	0.00	2	0	0.00	7	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00	1	0	0.00				1	0	0.00			
		Drinking Water	50.	2	0	0.00	1	0	0.00				1	0	0.00			
13501	STRONTIUM 90, TOTAL	Drinking Water	8.	14	0	0.00	3	0	0.00	4	0	0.00	7	0	0.00			
31503	COLIFORM,TOT,MEMBRANE FILTR,DELAY. M-END	Other-Hi Lim.	1000.	461	128	0.28	75	21	0.28	163	26	0.16	223	81	0.36			
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT	Fresh Acute	28900.	41	0	0.00	8	0	0.00	12	0	0.00	21	0	0.00			
		Drinking Water	100.	41	39	0.95	8	7	0.88	12	12	1.00	21	20	0.95			
32005	CARBON CHLOROFORM EXTRACTABLES	Fresh Acute	28900.	41	0	0.00	8	0	0.00	12	0	0.00	21	0	0.00			
		Drinking Water	100.	41	5	0.12	8	1	0.13	12	0	0.00	21	4	0.19			
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLU	Fresh Acute	28900.	14	0	0.00	4	0	0.00	3	0	0.00	7	0	0.00			
		Drinking Water	100.	14	0	0.00	4	0	0.00	3	0	0.00	7	0	0.00			
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBL	Fresh Acute	28900.	14	0	0.00	4	0	0.00	3	0	0.00	7	0	0.00			
		Drinking Water	100.	14	0	0.00	4	0	0.00	3	0	0.00	7	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	12	0	0.00	1	0	0.00	2	0	0.00	9	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	12	0	0.00	1	0	0.00	2	0	0.00	9	0	0.00			
		Drinking Water	0.2	12	0	0.00	1	0	0.00	2	0	0.00	9	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	12	0	0.00	1	0	0.00	2	0	0.00	9	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	10	0	0.00	1	0	0.00	1	0	0.00	8	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	11	0	0.00	1	0	0.00	2	0	0.00	8	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	12	0	0.00	1	0	0.00	2	0	0.00	9	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	12	0	0.00	1	0	0.00	2	0	0.00	9	0	0.00			
		Drinking Water	2.	12	0	0.00	1	0	0.00	2	0	0.00	9	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	13	0	0.00	1	0	0.00	2	0	0.00	10	0	0.00			
		Drinking Water	0.4	13	0	0.00	1	0	0.00	2	0	0.00	10	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	12	0	0.00	1	0	0.00	2	0	0.00	9	0	0.00			
		Drinking Water	0.2	12	0	0.00	1	0	0.00	2	0	0.00	9	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	5	0	0.00	3	0	0.00	2	0	0.00						
		Drinking Water	2.	5	0	0.00	3	0	0.00	2	0	0.00						
71900	MERCURY, TOTAL	Fresh Acute	2.4	1	1	1.00				1	1	1.00						
		Drinking Water	2.	1	1	1.00				1	1	1.00						

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Annual Analysis for 1959 - Station PAAL0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-02/04/63	9	21.	21.111	30.	16.	22.111	4.702	16.	17.5	24.5	30.
00060p	FLOW, STREAM, MEAN DAILY CFS	10/19/59-09/26/66	9	339.	351.889	522.	19.	30274.611	173.996	19.	231.5	516.5	522.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/59-12/20/71	9	65.	67.222	100.	50.	219.444	14.814	50.	57.5	72.5	100.
00400p	PH (STANDARD UNITS)	10/19/59-12/20/71	9	8.3	8.233	8.3	7.9	0.02	0.141	7.9	8.2	8.3	8.3
00400p	CONVERTED PH (STANDARD UNITS)	10/19/59-12/20/71	9	8.3	8.209	8.3	7.9	0.021	0.144	7.9	8.2	8.3	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-12/20/71	9	0.005	0.006	0.013	0.005	0.	0.003	0.005	0.005	0.006	0.013
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/59-05/10/71	9	155.	160.	255.	115.	2000.	44.721	115.	125.	182.5	255.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/19/59-10/05/70	8	79.	110.75	217.	34.	5496.786	74.14	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-12/20/71	9	270.	281.111	350.	220.	1911.111	43.716	220.	245.	320.	350.
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-12/20/71	9	240.	297.778	490.	210.	10194.444	100.968	210.	225.	390.	490.
01501	ALPHA, TOTAL	10/26/59-10/05/70	3	5.	5.667	11.	1.	25.333	5.033	**	**	**	**
01503	ALPHA, DISSOLVED	10/26/59-10/05/70	3	4.	4.667	9.	1.	16.333	4.041	**	**	**	**
01505	ALPHA, SUSPENDED	10/26/59-10/05/70	3	1.	1.	2.	0.	1.	1.	**	**	**	**
03501	BETA, TOTAL	10/19/59-10/05/70	8	0.	17.75	60.	0.	637.071	25.24	**	**	**	**
03503	BETA, DISSOLVED	10/19/59-10/05/70	8	0.	12.25	38.	0.	293.071	17.119	**	**	**	**
03505	BETA, SUSPENDED	10/19/59-10/05/70	8	0.	5.5	32.	0.	132.286	11.502	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1960 - Station PAAL0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-02/04/63	42	25.	24.629	31.7	11.	33.395	5.779	15.3	20.675	29.925	31.
00060p	FLOW, STREAM, MEAN DAILY CFS	10/19/59-09/26/66	45	433.	539.2	2640.	125.	275756.664	525.125	162.6	217.	570.	1093.
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/59-12/20/71	43	90.	205.698	2800.	30.	193153.073	439.492	40.	60.	140.	400.
00400p	PH (STANDARD UNITS)	10/19/59-12/20/71	43	8.3	8.272	8.3	7.9	0.009	0.093	8.18	8.3	8.3	8.3
00400p	CONVERTED PH (STANDARD UNITS)	10/19/59-12/20/71	43	8.3	8.26	8.3	7.9	0.009	0.094	8.18	8.3	8.3	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-12/20/71	43	0.005	0.006	0.013	0.005	0.	0.002	0.005	0.005	0.005	0.007
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/59-05/10/71	43	135.	152.674	600.	90.	6112.32	78.181	107.	120.	160.	196.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/19/59-10/05/70	23	149.	216.783	780.	52.	36685.542	191.535	71.	109.	293.	591.2
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-12/20/71	43	300.	316.279	580.	120.	12009.635	109.588	188.	220.	380.	492.
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-12/20/71	43	200.	226.047	400.	80.	8714.95	93.354	114.	150.	300.	376.
01501	ALPHA, TOTAL	10/26/59-10/05/70	12	3.5	6.	21.	0.	55.091	7.422	0.	1.	7.5	21.
01503	ALPHA, DISSOLVED	10/26/59-10/05/70	12	2.	2.75	9.	0.	9.114	3.019	0.	0.25	4.	8.7
01505	ALPHA, SUSPENDED	10/26/59-10/05/70	12	1.	3.25	17.	0.	30.023	5.479	0.	0.	3.	15.5
03501	BETA, TOTAL	10/19/59-10/05/70	23	0.	11.783	234.	0.	2360.451	48.584	0.	0.	1.	11.8
03503	BETA, DISSOLVED	10/19/59-10/05/70	23	0.	11.087	234.	0.	2367.083	48.653	0.	0.	0.	8.2
03505	BETA, SUSPENDED	10/19/59-10/05/70	23	0.	0.696	9.	0.	4.312	2.077	0.	0.	0.	3.6
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/09/60-05/22/72	4	185.	150.	200.	30.	6600.	81.24	**	**	**	**
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/09/60-05/22/72	4	2.266	2.077	2.301	1.477	0.161	0.402	**	**	**	**
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			119.511								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1961 - Station PAAL0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-02/04/63	44	26.75	26.409	32.5	15.3	16.431	4.054	20.4	23.625	30.	31.
00060p	FLOW, STREAM, MEAN DAILY CFS	10/19/59-09/26/66	50	374.5	757.54	6707.	144.	1138582.213	1067.044	162.2	231.75	946.5	1701.9
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/59-12/20/71	42	54.5	70.214	185.	10.	2809.099	53.001	17.2	30.	102.5	163.5
00080p	COLOR (PLATINUM-COBALT UNITS)	11/15/61-05/10/71	4	5.	5.	5.	5.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	10/19/59-12/20/71	43	7.9	7.949	8.4	6.7	0.136	0.369	7.48	7.8	8.3	8.4
00400p	CONVERTED PH (STANDARD UNITS)	10/19/59-12/20/71	43	7.9	7.735	8.4	6.7	0.183	0.428	7.48	7.8	8.3	8.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-12/20/71	43	0.013	0.018	0.2	0.004	0.001	0.031	0.004	0.005	0.016	0.034
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/59-05/10/71	44	130.	136.136	230.	90.	809.748	28.456	100.	120.	150.	180.

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Annual Analysis for 1961 - Station PAAL0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/15/61-12/20/71	5	985.	1116.4	1498.	860.	88037.3	296.711	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/19/59-10/05/70	29	190.	211.31	465.	88.	6996.222	83.643	128.	159.5	247.5	336.
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/31/61-09/29/64	9	0.5	0.6	1.	0.3	0.07	0.265	0.3	0.4	0.9	1.
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-12/20/71	39	288.	297.641	560.	150.	5656.815	75.212	224.	260.	316.	396.
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-12/20/71	44	207.5	220.114	480.	110.	4359.871	66.029	147.5	180.	250.	307.5
00945p	SULFATE, TOTAL (MG/L AS SO4)	05/31/61-12/20/71	18	180.	191.944	360.	90.	6268.056	79.171	90.	137.5	260.	315.
01501	ALPHA, TOTAL	10/26/59-10/05/70	12	5.	5.	9.	1.	6.182	2.486	1.3	3.25	6.75	9.
01503	ALPHA, DISSOLVED	10/26/59-10/05/70	12	4.	3.833	8.	1.	3.242	1.801	1.3	2.25	4.75	7.1
01505	ALPHA, SUSPENDED	10/26/59-10/05/70	12	1.	1.167	5.	0.	2.333	1.528	0.	0.	1.75	4.4
03501	BETA, TOTAL	10/19/59-10/05/70	29	21.	22.379	99.	0.	599.53	24.485	0.	0.	37.	53.
03503	BETA, DISSOLVED	10/19/59-10/05/70	29	11.	13.793	52.	0.	257.241	16.039	0.	0.	26.	35.
03505	BETA, SUSPENDED	10/19/59-10/05/70	29	4.	8.586	47.	0.	117.466	10.838	0.	0.	15.5	22.
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/09/60-05/22/72	41	400.	555.	2500.	10.	345188.8	587.528	42.	140.	695.	1660.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/09/60-05/22/72	41	2.602	2.484	3.398	1.	0.293	0.542	1.621	2.136	2.842	3.22
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			304.974								
60050	ALGAE, TOTAL (CELLS/ML)	10/04/61-11/04/68	6	7550.	9600.	23000.	4500.	47684000.	6905.36	**	**	**	**
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/04/61-11/04/68	6	540.	1051.667	4030.	40.	2231736.667	1493.9	**	**	**	**
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/04/61-11/04/68	6	20.	31.667	90.	0.	1296.667	36.009	**	**	**	**
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/04/61-11/04/68	6	1285.	1526.667	3690.	310.	1382186.667	1175.664	**	**	**	**
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/04/61-11/04/68	6	10.	43.333	140.	0.	3746.667	61.21	**	**	**	**
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/04/61-11/04/68	6	435.	561.667	1240.	250.	131416.667	362.514	**	**	**	**
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/04/61-11/04/68	6	20.	16.667	40.	0.	226.667	15.055	**	**	**	**
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	10/18/61-06/05/67	5	63.	56.6	82.	20.	671.3	25.909	**	**	**	**
60400	DIATOMS, CENTRIC (/ML)	10/04/61-11/04/68	6	770.	765.	1370.	270.	149670.	386.872	**	**	**	**
60600	DIATOMS, PENNATE (/ML)	10/04/61-11/04/68	6	4875.	5583.333	13100.	1960.	16781386.667	4096.509	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1962 - Station PAAL0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-02/04/63	31	23.7	24.097	31.	16.5	17.209	4.148	19.5	20.6	27.5	30.4
00060p	FLOW, STREAM, MEAN DAILY CFS	10/19/59-09/26/66	58	200.	302.19	1179.	61.	62446.121	249.892	113.1	141.75	346.75	712.1
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/59-12/20/71	43	35.	37.791	105.	12.5	584.05	24.167	12.5	12.5	56.	68.8
00080p	COLOR (PLATINUM-COBALT UNITS)	11/15/61-05/10/71	32	5.	2.969	10.	0.	9.451	3.074	0.	0.	5.	5.
00400p	PH (STANDARD UNITS)	10/19/59-12/20/71	43	8.2	8.181	8.4	7.8	0.022	0.147	7.94	8.1	8.3	8.3
00400p	CONVERTED PH (STANDARD UNITS)	10/19/59-12/20/71	43	8.2	8.154	8.4	7.8	0.022	0.149	7.94	8.1	8.3	8.3
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-12/20/71	43	0.006	0.007	0.016	0.004	0.	0.003	0.005	0.005	0.008	0.012
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/59-05/10/71	42	125.	115.524	210.	30.	1426.012	37.763	50.	100.	140.	149.4
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/15/61-12/20/71	38	824.	880.368	2250.	405.	114176.293	337.9	550.7	671.75	992.5	1300.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/19/59-10/05/70	39	163.	210.308	1071.	45.	29720.324	172.396	116.	140.	205.	354.
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/31/61-09/29/64	16	0.	0.006	0.1	0.	0.001	0.025	0.	0.	0.	0.03
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-12/20/71	21	356.	336.667	636.	56.	13554.133	116.422	170.	286.	381.	454.
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-12/20/71	43	220.	229.465	750.	70.	13692.112	117.013	130.	146.	300.	372.
00945p	SULFATE, TOTAL (MG/L AS SO4)	05/31/61-12/20/71	17	260.	232.941	315.	105.	4272.059	65.361	109.	185.	280.	311.
01501	ALPHA, TOTAL	10/26/59-10/05/70	13	3.	4.615	11.	0.	16.59	4.073	0.	2.	8.5	11.
01503	ALPHA, DISSOLVED	10/26/59-10/05/70	13	2.	3.	11.	0.	8.167	2.858	0.	1.5	4.	8.6
01505	ALPHA, SUSPENDED	10/26/59-10/05/70	13	0.	1.615	8.	0.	8.423	2.902	0.	0.	1.5	8.
03501	BETA, TOTAL	10/19/59-10/05/70	39	35.	48.462	418.	8.	4192.255	64.748	15.	22.	53.	67.
03503	BETA, DISSOLVED	10/19/59-10/05/70	39	25.	28.744	102.	0.	453.933	21.306	8.	16.	33.	55.
03505	BETA, SUSPENDED	10/19/59-10/05/70	39	11.	19.718	317.	0.	2509.418	50.094	0.	4.	18.	23.
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/09/60-05/22/72	40	290.	1424.875	16000.	5.	10295958.317	3208.732	41.	140.	875.	2990.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/09/60-05/22/72	40	2.462	2.545	4.204	0.699	0.572	0.757	1.612	2.146	2.941	3.476
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			350.392								
60050	ALGAE, TOTAL (CELLS/ML)	10/04/61-11/04/68	23	8500.	10865.217	28700.	800.	59538735.178	7716.135	2100.	4700.	15400.	23800.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/04/61-11/04/68	23	360.	563.478	2070.	50.	309223.715	556.079	70.	120.	760.	1494.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/04/61-11/04/68	23	20.	336.087	5610.	0.	1352270.356	1162.872	0.	0.	170.	594.

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Annual Analysis for 1962 - Station PAAL0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/04/61-11/04/68	23	1700.	2119.13	7470.	50.	4085726.482	2021.318	156.	690.	3390.	6050.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/04/61-11/04/68	23	0.	34.348	210.	0.	4125.692	64.232	0.	0.	40.	170.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/04/61-11/04/68	23	160.	179.565	580.	0.	21704.348	147.324	0.	60.	250.	386.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/04/61-11/04/68	23	0.	36.087	290.	0.	4906.719	70.048	0.	0.	50.	136.
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	10/18/61-06/05/67	23	58.	54.957	95.	13.	654.043	25.574	22.6	30.	79.	91.8
60400	DIATOMS, CENTRIC (/ML)	10/04/61-11/04/68	23	500.	773.043	4010.	50.	1117731.225	1057.228	90.	140.	750.	2990.
60600	DIATOMS, PENNATE (/ML)	10/04/61-11/04/68	23	5920.	6817.391	23180.	320.	32497938.34	5700.696	1136.	2150.	10680.	15420.

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Annual Analysis for 1963 - Station PAAL0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	10/19/59-02/04/63	5	15.	13.6	16.	10.	6.3	2.51	**	**	**	**
00060p	FLOW, STREAM, MEAN DAILY CFS	10/19/59-09/26/66	51	160.	230.608	1820.	54.	65415.163	255.764	85.6	120.	289.	430.4
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/59-12/20/71	48 ##	12.5	58.177	2000.	12.5	82383.878	287.026	12.5	12.5	12.5	14.2
00080p	COLOR (PLATINUM-COBALT UNITS)	11/15/61-05/10/71	40	0.	2.375	10.	0.	8.958	2.993	0.	0.	5.	5.
00400p	PH (STANDARD UNITS)	10/19/59-12/20/71	15	8.	7.82	8.2	7.3	0.12	0.347	7.3	7.4	8.1	8.14
00400p	CONVERTED PH (STANDARD UNITS)	10/19/59-12/20/71	15	8.	7.684	8.2	7.3	0.14	0.374	7.3	7.4	8.1	8.14
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-12/20/71	15	0.01	0.021	0.05	0.006	0.	0.017	0.007	0.008	0.04	0.05
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/59-05/10/71	48	130.	134.625	192.	104.	417.218	20.426	110.	121.	146.	161.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/15/61-12/20/71	47	835.	856.894	1540.	50.	63909.619	252.804	602.	720.	990.	1144.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/19/59-10/05/70	12	77.5	151.667	758.	25.	41194.242	202.964	26.2	46.	197.75	599.9
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/31/61-09/29/64	48	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-12/20/71	47	308.	328.17	490.	190.	4473.71	66.886	267.2	280.	370.	422.
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-12/20/71	48	187.5	217.708	470.	77.	8093.147	89.962	126.8	146.25	290.	341.
00945p	SULFATE, TOTAL (MG/L AS SO4)	05/31/61-12/20/71	47	240.	249.319	390.	124.	2947.657	54.292	180.	220.	280.	334.
01501	ALPHA, TOTAL	10/26/59-10/05/70	12	3.	3.083	6.	0.	5.174	2.275	0.3	1.	5.75	6.
01503	ALPHA, DISSOLVED	10/26/59-10/05/70	12	2.	2.167	5.	0.	2.697	1.642	0.	1.	3.75	4.7
01505	ALPHA, SUSPENDED	10/26/59-10/05/70	12	0.	0.917	4.	0.	2.265	1.505	0.	0.	1.	4.
03501	BETA, TOTAL	10/19/59-10/05/70	12	31.5	38.75	78.	20.	364.386	19.089	20.9	26.5	45.5	77.1
03503	BETA, DISSOLVED	10/19/59-10/05/70	12	23.5	25.667	42.	15.	74.424	8.627	15.6	17.75	31.	40.8
03505	BETA, SUSPENDED	10/19/59-10/05/70	12	8.	13.083	37.	3.	139.902	11.828	3.	5.	16.25	36.7
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/09/60-05/22/72	44	605.	1181.886	9000.	5.	4047439.487	2011.825	28.25	100.	1000.	3150.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/09/60-05/22/72	44	2.782	2.592	3.954	0.699	0.621	0.788	1.256	2.	3.	3.482
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			390.538								
60050	ALGAE, TOTAL (CELLS/ML)	10/04/61-11/04/68	24	4250.	6679.167	18100.	800.	27555634.058	5249.346	2200.	2800.	10575.	15650.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/04/61-11/04/68	24	75.	890.833	7020.	0.	3216964.493	1793.59	0.	5.	1132.5	3680.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/04/61-11/04/68	24	45.	372.917	3550.	0.	790751.993	889.242	0.	5.	270.	1655.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/04/61-11/04/68	24	870.	984.167	3780.	160.	670764.493	819.002	175.	350.	1337.5	1980.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/04/61-11/04/68	24	0.	315.417	2980.	0.	436382.428	660.592	0.	0.	410.	1030.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/04/61-11/04/68	24	65.	134.583	1140.	0.	53147.645	230.538	20.	25.	137.5	310.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/04/61-11/04/68	24	0.	94.583	1610.	0.	110582.428	332.539	0.	0.	20.	270.
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	10/18/61-06/05/67	21	42.	49.19	91.	20.	555.062	23.56	21.	30.	68.5	85.4
60400	DIATOMS, CENTRIC (/ML)	10/04/61-11/04/68	24	340.	321.667	1070.	40.	46657.971	216.005	95.	142.5	420.	520.
60600	DIATOMS, PENNATE (/ML)	10/04/61-11/04/68	24	1980.	3554.583	13900.	350.	11787747.645	3433.329	540.	1097.5	5650.	8765.

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Annual Analysis for 1964 - Station PAAL0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060p	FLOW, STREAM, MEAN DAILY CFS	10/19/59-09/26/66	52	148.	206.635	2430.	52.	108366.785	329.191	66.	90.75	197.25	372.2
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/59-12/20/71	42 ##	12.5	68.714	1900.	12.5	84494.404	290.679	12.5	12.5	15.875	72.7
00080p	COLOR (PLATINUM-COBALT UNITS)	11/15/61-05/10/71	42	5.	4.167	20.	0.	21.85	4.674	0.	0.	5.	10.

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Annual Analysis for 1964 - Station PAAL0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/59-05/10/71	42	130.	136.048	200.	110.	556.193	23.584	113.2	119.	144.	170.8
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/15/61-12/20/71	24	885.	905.417	1420.	530.	60008.514	244.966	640.	672.5	1087.5	1275.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/19/59-10/05/70	6	45.5	96.5	373.	28.	18409.9	135.683	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/64-09/03/68	1	0.4	0.4	0.4	0.4	0.	0.	**	**	**	**
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	12/07/64-09/30/68	1	4.2	4.2	4.2	4.2	0.	0.	**	**	**	**
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	05/31/61-09/29/64	35	0.	0.003	0.1	0.	0.	0.017	0.	0.	0.	0.
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-12/20/71	42	310.	312.143	470.	80.	5602.613	74.851	226.	260.	372.5	414.
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-12/20/71	42	220.	222.952	460.	69.	9190.095	95.865	101.6	143.75	285.	344.
00945p	SULFATE, TOTAL (MG/L AS SO4)	05/31/61-12/20/71	42	245.	241.262	330.	119.	3546.637	59.554	139.8	210.	290.	317.
01501	ALPHA, TOTAL	10/26/59-10/05/70	5	4.	3.8	7.	1.	4.7	2.168	**	**	**	**
01503	ALPHA, DISSOLVED	10/26/59-10/05/70	5	4.	3.2	4.	1.	1.7	1.304	**	**	**	**
01505	ALPHA, SUSPENDED	10/26/59-10/05/70	5	0.	0.6	3.	0.	1.8	1.342	**	**	**	**
03501	BETA, TOTAL	10/19/59-10/05/70	5	24.	28.6	45.	17.	134.3	11.589	**	**	**	**
03503	BETA, DISSOLVED	10/19/59-10/05/70	5	20.	20.8	31.	15.	36.7	6.058	**	**	**	**
03505	BETA, SUSPENDED	10/19/59-10/05/70	5	4.	7.8	25.	2.	93.7	9.68	**	**	**	**
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/09/60-05/22/72	50	550.	1292.8	8000.	50.	2810240.98	1676.377	200.	295.	1250.	4160.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/09/60-05/22/72	50	2.74	2.831	3.903	1.699	0.245	0.495	2.301	2.47	3.096	3.619
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			677.866								
60050	ALGAE, TOTAL (CELLS/ML)	10/04/61-11/04/68	17	12900.	15500.	37000.	2900.	84068750.	9168.901	6980.	8750.	21050.	32360.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/04/61-11/04/68	17	220.	321.765	900.	0.	95177.941	308.509	0.	40.	605.	868.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/04/61-11/04/68	17	0.	505.882	5050.	0.	1501513.235	1225.362	0.	0.	685.	1818.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/04/61-11/04/68	17	2740.	3701.176	13840.	700.	9900273.529	3146.47	788.	1890.	4420.	8824.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/04/61-11/04/68	17	430.	1449.412	10510.	0.	6547570.632	2558.822	0.	70.	2115.5	4781.2
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/04/61-11/04/68	17	340.	402.353	1560.	0.	169106.618	411.226	16.	85.	650.	1032.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/04/61-11/04/68	17	50.	184.882	2083.	0.	246487.735	496.475	0.	0.	125.	672.6
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	10/18/61-06/05/67	18	44.	43.889	71.	22.	276.928	16.641	22.	27.75	59.25	66.5
60400	DIATOMS, CENTRIC (/ML)	10/04/61-11/04/68	17	620.	825.294	3430.	50.	759638.971	871.573	82.	185.	1150.	2278.
60600	DIATOMS, PENNATE (/ML)	10/04/61-11/04/68	17	4630.	8108.824	30830.	1740.	72289248.529	8502.308	2044.	2825.	11420.	24350.

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Annual Analysis for 1965 - Station PAAL0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060p	FLOW, STREAM, MEAN DAILY CFS	10/19/59-09/26/66	48	172.	209.396	637.	73.	15585.946	124.844	93.7	134.	233.75	362.7
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/59-12/20/71	5	30.	49.6	129.	12.5	2412.175	49.114	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	11/15/61-05/10/71	8	10.	10.625	15.	5.	10.268	3.204	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/59-05/10/71	9	124.	126.778	144.	112.	141.444	11.893	112.	116.5	138.	144.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/64-09/03/68	12	0.1	0.152	0.4	0.05	0.016	0.126	0.05	0.05	0.288	0.37
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	12/07/64-09/30/68	11	0.8	0.755	1.2	0.2	0.103	0.321	0.24	0.5	1.	1.18
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/04/65-05/10/71	4	0.04	0.039	0.07	0.005	0.001	0.027	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-12/20/71	8	247.	254.75	320.	196.	1750.786	41.842	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-12/20/71	8	160.5	160.25	230.	67.	3143.643	56.068	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	05/31/61-12/20/71	9	156.	170.	230.	99.	2003.75	44.763	99.	137.5	215.	230.
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/09/60-05/22/72	52	725.	918.942	3800.	25.	713344.448	844.597	50.	267.5	1400.	2000.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/09/60-05/22/72	52	2.86	2.725	3.58	1.398	0.29	0.538	1.699	2.425	3.146	3.301
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			531.405								
60050	ALGAE, TOTAL (CELLS/ML)	10/04/61-11/04/68	12	10750.	16408.333	71800.	3200.	352582651.515	18777.184	3620.	5000.	21150.	57670.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/04/61-11/04/68	12	125.	305.	1100.	0.	163390.909	404.216	0.	0.	707.5	1037.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/04/61-11/04/68	12	85.	121.667	360.	0.	17651.515	132.859	0.	0.	227.5	342.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/04/61-11/04/68	12	2015.	3488.333	9700.	350.	10445851.515	3232.004	452.	1257.5	4815.	9688.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/04/61-11/04/68	12	915.	2868.167	10580.	0.	15333967.606	3915.861	12.	205.	6537.5	10127.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/04/61-11/04/68	12	510.	455.833	900.	40.	75881.061	275.465	61.	220.	670.	837.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/04/61-11/04/68	12	0.	104.667	1176.	0.	114355.879	338.165	0.	0.	0.	847.2
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	10/18/61-06/05/67	12	36.5	37.25	87.	18.	362.023	19.027	18.	23.25	43.75	75.9
60400	DIATOMS, CENTRIC (/ML)	10/04/61-11/04/68	12	670.	1233.333	9260.	20.	6476151.515	2544.828	32.	287.5	772.5	6764.
60600	DIATOMS, PENNATE (/ML)	10/04/61-11/04/68	12	2185.	2450.	4470.	480.	1445454.545	1202.271	723.	1465.	3445.	4311.

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Annual Analysis for 1966 - Station PAAL0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060p	FLOW, STREAM, MEAN DAILY CFS	10/19/59-09/26/66	37	518.	1718.027	10550.	121.	8448391.138	2906.612	149.6	201.	1185.	7206.2
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/59-12/20/71	10 ##	12.5	301.55	2000.	12.5	429830.414	655.615	12.5	12.5	256.	1888.
00080p	COLOR (PLATINUM-COBALT UNITS)	11/15/61-05/10/71	9	10.	8.889	15.	5.	11.111	3.333	5.	5.	10.	15.
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/59-05/10/71	12	140.	139.167	198.	106.	671.97	25.922	106.6	114.75	154.5	186.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/64-09/03/68	9	0.1	0.133	0.4	0.05	0.016	0.127	0.05	0.05	0.2	0.4
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	12/07/64-09/30/68	9	0.6	0.967	2.5	0.3	0.61	0.781	0.3	0.4	1.55	2.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/04/65-05/10/71	5	0.06	0.171	0.65	0.005	0.074	0.271	**	**	**	**
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-12/20/71	12	290.	308.417	492.	212.	6151.174	78.429	219.2	245.5	364.5	459.
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-12/20/71	12	195.	220.75	650.	54.	24389.114	156.17	68.4	108.	268.75	545.
00945p	SULFATE, TOTAL (MG/L AS SO4)	05/31/61-12/20/71	12	210.	219.833	410.	143.	5256.152	72.499	144.2	170.	233.75	374.
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/09/60-05/22/72	50	600.	1096.5	12000.	10.	3451698.214	1857.875	100.	250.	1000.	2450.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/09/60-05/22/72	50	2.778	2.716	4.079	1.	0.319	0.565	2.	2.398	3.	3.388
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			519.567								
60050	ALGAE, TOTAL (CELLS/ML)	10/04/61-11/04/68	4	8400.	9875.	22000.	700.	115022500.	10724.854	**	**	**	**
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/04/61-11/04/68	4	75.	600.	2250.	0.	1215000.	1102.27	**	**	**	**
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/04/61-11/04/68	4	145.	165.	370.	0.	37366.667	193.305	**	**	**	**
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/04/61-11/04/68	4	2205.	3435.	9160.	170.	17957633.333	4237.645	**	**	**	**
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/04/61-11/04/68	8	755.	1620.	6020.	0.	4431485.714	2105.109	**	**	**	**
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/04/61-11/04/68	4	145.	220.	590.	0.	65533.333	255.995	**	**	**	**
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/04/61-11/04/68	4	0.	17.5	70.	0.	1225.	35.	**	**	**	**
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	10/18/61-06/05/67	8	34.	34.5	60.	5.	289.143	17.004	**	**	**	**
60400	DIATOMS, CENTRIC (/ML)	10/04/61-11/04/68	4	230.	445.	1320.	0.	367033.333	605.833	**	**	**	**
60600	DIATOMS, PENNATE (/ML)	10/04/61-11/04/68	4	1450.	4475.	14720.	280.	47493100.	6891.524	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1967 - Station PAAL0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/59-12/20/71	4 ##	27.25	751.75	2940.	12.5	2128388.083	1458.9	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	11/15/61-05/10/71	9	10.	12.222	25.	5.	38.194	6.18	5.	7.5	15.	25.
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/59-05/10/71	9	134.	139.111	176.	120.	365.861	19.127	120.	121.5	154.	176.
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/64-09/03/68	11	0.2	0.623	2.4	0.05	0.715	0.846	0.05	0.05	0.9	2.34
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	12/07/64-09/30/68	9	0.7	1.389	5.2	0.2	2.491	1.578	0.2	0.4	2.	5.2
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/04/65-05/10/71	9	0.09	0.108	0.29	0.03	0.009	0.094	0.03	0.035	0.17	0.29
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-12/20/71	7	261.	269.286	390.	158.	8162.571	90.347	**	**	**	**
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-12/20/71	8	201.5	185.125	315.	31.	11554.411	107.491	**	**	**	**
00945p	SULFATE, TOTAL (MG/L AS SO4)	05/31/61-12/20/71	9	227.	227.556	400.	80.	9786.028	98.924	80.	150.	287.	400.
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/09/60-05/22/72	49	300.	557.173	7000.	5.	1144372.829	1069.754	80.	105.	575.	900.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/09/60-05/22/72	49	2.477	2.403	3.845	0.699	0.324	0.569	1.903	2.021	2.756	2.954
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			253.062								
60050	ALGAE, TOTAL (CELLS/ML)	10/04/61-11/04/68	7	2100.	2528.571	6700.	200.	5092380.952	2256.63	**	**	**	**
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/04/61-11/04/68	7	0.	10.	70.	0.	700.	26.458	**	**	**	**
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/04/61-11/04/68	7	0.	5.714	40.	0.	228.571	15.119	**	**	**	**
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/04/61-11/04/68	7	670.	608.571	1020.	100.	139047.619	372.891	**	**	**	**
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/04/61-11/04/68	7	90.	64.286	90.	0.	1928.571	43.916	**	**	**	**
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/04/61-11/04/68	7	110.	115.714	240.	0.	9161.905	95.718	**	**	**	**
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/04/61-11/04/68	7	0.	0.	0.	0.	0.	0.	**	**	**	**
60390	DIATOMS, DOMINANT SPECIES, PERCENT OF TOTAL	10/18/61-06/05/67	2	25.5	25.5	30.	21.	40.5	6.364	**	**	**	**
60400	DIATOMS, CENTRIC (/ML)	10/04/61-11/04/68	7	90.	77.143	130.	0.	1823.81	42.706	**	**	**	**
60600	DIATOMS, PENNATE (/ML)	10/04/61-11/04/68	7	670.	667.143	1200.	50.	225290.476	474.648	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1968 - Station PAAL0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/59-12/20/71	18	14.25	121.806	1750.	5.5	165733.475	407.104	6.85	12.5	40.25	274.
00080p	COLOR (PLATINUM-COBALT UNITS)	11/15/61-05/10/71	18	7.	8.389	17.	5.	16.369	4.046	5.	5.	10.	15.2
00400p	PH (STANDARD UNITS)	10/19/59-12/20/71	8	7.375	7.469	7.9	7.2	0.059	0.243	**	**	**	**
00400p	CONVERTED PH (STANDARD UNITS)	10/19/59-12/20/71	8	7.369	7.417	7.9	7.2	0.062	0.25	**	**	**	**
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-12/20/71	8	0.043	0.038	0.063	0.013	0.	0.018	**	**	**	**
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/59-05/10/71	18	156.	160.389	217.	124.	696.369	26.389	126.7	140.	175.	208.9
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/15/61-12/20/71	8	1023.5	1001.625	1124.	862.	9928.839	99.644	**	**	**	**
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	12/07/64-09/03/68	9	0.8	1.006	2.9	0.05	0.818	0.904	0.05	0.35	1.6	2.9
00635	NITROGEN, AMMONIA&ORG., TOTAL 1 DET (MG/L AS N)	12/07/64-09/30/68	10	0.9	0.92	1.6	0.1	0.255	0.505	0.12	0.6	1.425	1.59
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/04/65-05/10/71	17	0.06	0.139	0.54	0.02	0.03	0.173	0.02	0.045	0.14	0.5
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-12/20/71	14	385.	357.643	476.	2.	12499.94	111.803	158.	338.	405.	463.
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-12/20/71	18	245.	240.	348.	175.	2438.118	49.377	182.2	195.25	277.5	304.8
00945p	SULFATE, TOTAL (MG/L AS SO4)	05/31/61-12/20/71	18	250.	261.889	374.	216.	1351.987	36.769	223.2	236.75	279.75	312.8
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/09/60-05/22/72	45	950.	1232.667	5000.	100.	1282297.273	1132.386	238.	405.	1500.	3160.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/09/60-05/22/72	45	2.978	2.92	3.699	2.	0.167	0.409	2.376	2.607	3.175	3.499
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			832.597								
60050	ALGAE, TOTAL (CELLS/ML)	10/04/61-11/04/68	7	7100.	8088.857	18400.	54.	58551711.81	7651.909	**	**	**	**
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/04/61-11/04/68	7	138.	653.286	2150.	0.	919698.905	959.009	**	**	**	**
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/04/61-11/04/68	7	0.	34.286	240.	0.	8228.571	90.711	**	**	**	**
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/04/61-11/04/68	7	930.	1039.143	2220.	58.	741189.143	860.923	**	**	**	**
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/04/61-11/04/68	7	90.	64.286	90.	0.	1928.571	43.916	**	**	**	**
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/04/61-11/04/68	7	50.	98.143	360.	0.	17537.476	132.429	**	**	**	**
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/04/61-11/04/68	7	0.	20.	140.	0.	2800.	52.915	**	**	**	**
60400	DIATOMS, CENTRIC (/ML)	10/04/61-11/04/68	7	240.	288.714	620.	31.	50994.905	225.821	**	**	**	**
60600	DIATOMS, PENNATE (/ML)	10/04/61-11/04/68	7	2750.	3319.143	10300.	249.	12610060.143	3551.065	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1969 - Station PAAL0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/59-12/20/71	7	11.	30.986	88.	7.9	968.101	31.114	**	**	**	**
00080p	COLOR (PLATINUM-COBALT UNITS)	11/15/61-05/10/71	7	5.	5.	5.	5.	0.	0.	**	**	**	**
00400p	PH (STANDARD UNITS)	10/19/59-12/20/71	9	7.7	7.756	8.2	7.4	0.085	0.292	7.4	7.5	8.05	8.2
00400p	CONVERTED PH (STANDARD UNITS)	10/19/59-12/20/71	9	7.7	7.676	8.2	7.4	0.092	0.304	7.4	7.5	8.05	8.2
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-12/20/71	9	0.02	0.021	0.04	0.006	0.	0.013	0.006	0.009	0.032	0.04
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/59-05/10/71	9	144.	142.111	168.	110.	422.111	20.545	110.	126.	164.5	168.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/15/61-12/20/71	10	847.5	845.77	1500.	0.7	156374.062	395.442	70.43	706.25	1058.	1478.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/19/59-10/05/70	1	1434.	1434.	1434.	1434.	0.	0.	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/04/65-05/10/71	9	0.05	0.056	0.1	0.03	0.001	0.023	0.03	0.035	0.07	0.1
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-12/20/71	9	340.	360.889	513.	267.	6699.361	81.85	267.	290.	431.	513.
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-12/20/71	9	223.	229.556	364.	125.	5881.028	76.688	125.	175.5	286.	364.
00945p	SULFATE, TOTAL (MG/L AS SO4)	05/31/61-12/20/71	9	255.	309.444	578.	194.	20371.028	142.727	194.	218.5	410.	578.
01501	ALPHA, TOTAL	10/26/59-10/05/70	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01503	ALPHA, DISSOLVED	10/26/59-10/05/70	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01505	ALPHA, SUSPENDED	10/26/59-10/05/70	1	1.	1.	1.	1.	0.	0.	**	**	**	**
03501	BETA, TOTAL	10/19/59-10/05/70	1	8.	8.	8.	8.	0.	0.	**	**	**	**
03503	BETA, DISSOLVED	10/19/59-10/05/70	1	6.	6.	6.	6.	0.	0.	**	**	**	**
03505	BETA, SUSPENDED	10/19/59-10/05/70	1	2.	2.	2.	2.	0.	0.	**	**	**	**
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/09/60-05/22/72	23	280.	711.217	4900.	0.	1285006.814	1133.581	0.	0.	850.	2160.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/09/60-05/22/72	23	2.447	1.739	3.69	0.	2.162	1.47	0.	0.	2.929	3.33
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			54.809								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1970 - Station PAAL0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/59-12/20/71	33	14.	17.155	72.	3.5	157.776	12.561	5.44	9.6	21.5	29.4
00080p	COLOR (PLATINUM-COBALT UNITS)	11/15/61-05/10/71	33	10.	10.909	80.	5.	164.773	12.836	5.	5.	10.	15.
00400p	PH (STANDARD UNITS)	10/19/59-12/20/71	30	7.75	7.773	8.6	7.3	0.082	0.286	7.4	7.575	7.925	8.18
00400p	CONVERTED PH (STANDARD UNITS)	10/19/59-12/20/71	30	7.747	7.692	8.6	7.3	0.089	0.298	7.4	7.575	7.925	8.18
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-12/20/71	30	0.018	0.02	0.05	0.003	0.	0.012	0.007	0.012	0.027	0.04
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/59-05/10/71	33	146.	153.242	374.	102.	2381.877	48.804	116.8	130.	158.5	169.8
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/15/61-12/20/71	19	772.	670.211	1138.	37.	133075.731	364.795	44.	491.	914.	1107.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/19/59-10/05/70	4	903.	1043.25	1528.	839.	106696.917	326.645	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/04/65-05/10/71	33	0.03	0.03	0.07	0.003	0.	0.02	0.004	0.01	0.04	0.06
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-12/20/71	33	338.	338.545	480.	196.	4498.631	67.072	261.2	289.	372.	447.8
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-12/20/71	33	183.	196.455	493.	97.	5492.381	74.111	114.4	157.5	217.	283.
00945p	SULFATE, TOTAL (MG/L AS SO4)	05/31/61-12/20/71	33	254.	251.818	360.	74.	4077.403	63.855	190.4	205.	305.	336.2
01501	ALPHA, TOTAL	10/26/59-10/05/70	4	3.5	4.5	8.	3.	5.667	2.38	**	**	**	**
01503	ALPHA, DISSOLVED	10/26/59-10/05/70	4	3.5	4.	6.	3.	2.	1.414	**	**	**	**
01505	ALPHA, SUSPENDED	10/26/59-10/05/70	4	0.	0.5	2.	0.	1.	1.	**	**	**	**
03501	BETA, TOTAL	10/19/59-10/05/70	4	16.	16.	17.	15.	1.333	1.155	**	**	**	**
03503	BETA, DISSOLVED	10/19/59-10/05/70	4	13.5	13.75	16.	12.	2.917	1.708	**	**	**	**
03505	BETA, SUSPENDED	10/19/59-10/05/70	4	1.5	2.25	5.	1.	3.583	1.893	**	**	**	**
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/09/60-05/22/72	27	450.	948.519	5000.	160.	1189605.413	1090.69	188.	300.	1300.	2480.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/09/60-05/22/72	27	2.653	2.774	3.699	2.204	0.167	0.409	2.274	2.477	3.114	3.394
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			594.522								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1971 - Station PAAL0018

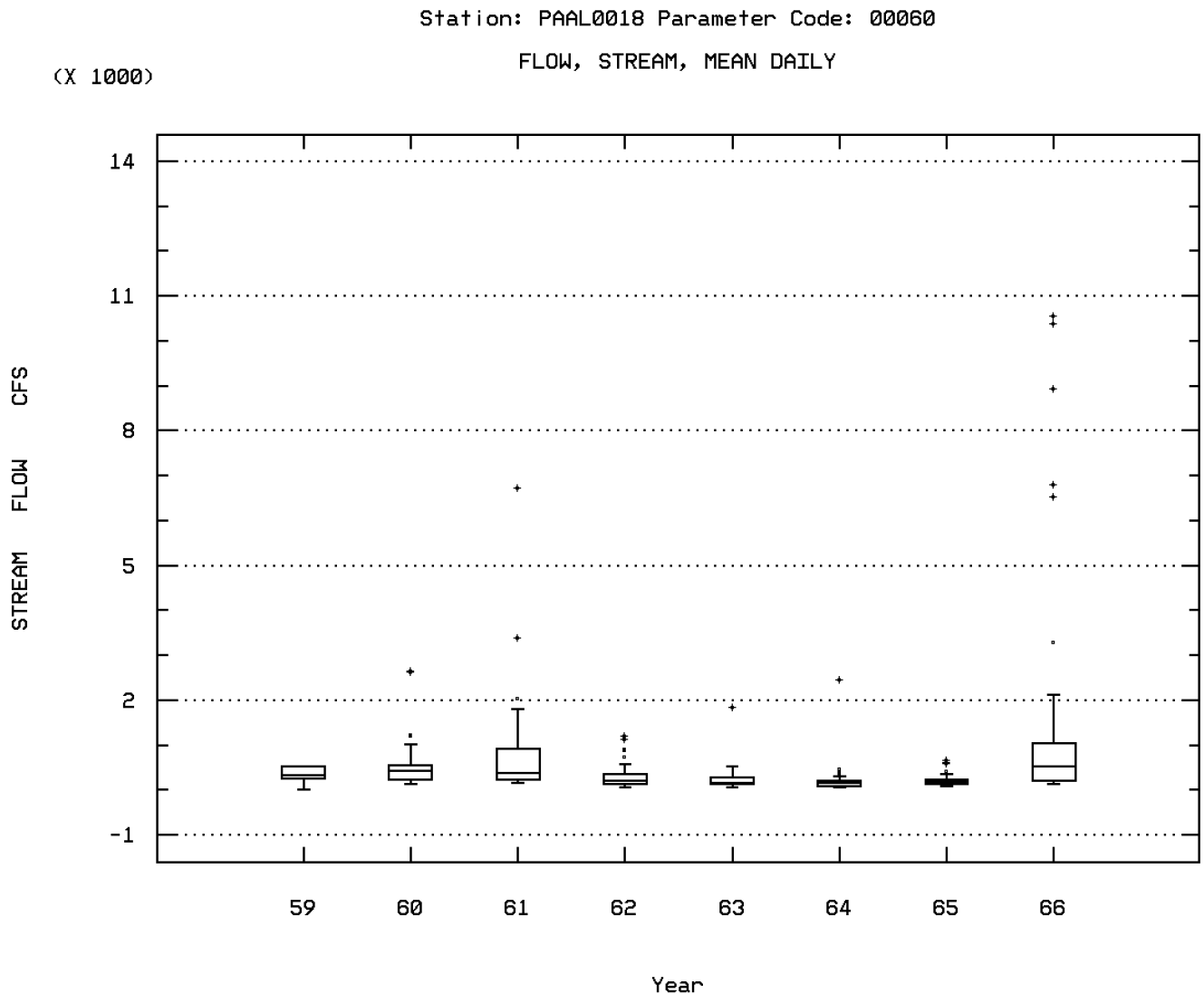
Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00070p	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/59-12/20/71	33	33.	75.727	300.	13.	5020.392	70.855	19.8	26.5	120.	186.
00080p	COLOR (PLATINUM-COBALT UNITS)	11/15/61-05/10/71	19	5.	6.053	10.	5.	4.386	2.094	5.	5.	5.	10.
00400p	PH (STANDARD UNITS)	10/19/59-12/20/71	32	8.	8.003	8.6	7.6	0.067	0.258	7.7	7.8	8.2	8.4
00400p	CONVERTED PH (STANDARD UNITS)	10/19/59-12/20/71	32	8.	7.934	8.6	7.6	0.072	0.268	7.7	7.8	8.2	8.4
00400p	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-12/20/71	32	0.01	0.012	0.025	0.003	0.	0.006	0.004	0.006	0.016	0.02
00410p	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/59-05/10/71	19	131.	133.368	164.	98.	353.912	18.813	110.	118.	149.	164.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/15/61-12/20/71	14	467.5	451.429	703.	159.	28318.264	168.28	172.	347.75	556.5	690.5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/04/65-05/10/71	19	0.18	0.185	0.48	0.016	0.016	0.128	0.03	0.07	0.27	0.32
00900p	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-12/20/71	33	286.	279.697	404.	177.	3641.155	60.342	203.2	223.	311.	371.6
00940p	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-12/20/71	38	119.	123.921	262.	56.	2086.615	45.679	63.9	90.75	152.	176.4
00945p	SULFATE, TOTAL (MG/L AS SO4)	05/31/61-12/20/71	38	202.	190.026	360.	30.	5217.972	72.236	97.9	120.75	244.5	277.1
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/09/60-05/22/72	24	790.	1072.5	5000.	180.	1160350.	1077.195	240.	385.	1325.	2500.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/09/60-05/22/72	24	2.896	2.873	3.699	2.255	0.138	0.371	2.366	2.585	3.12	3.389
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			746.9								

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Annual Analysis for 1972 - Station PAAL0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
31503p	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/09/60-05/22/72	12	505.	468.083	1000.	32.	92847.72	304.709	44.9	147.5	615.	955.
31503p	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/09/60-05/22/72	12	2.703	2.515	3.	1.505	0.215	0.463	1.616	2.161	2.789	2.979
31503p	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			327.266								

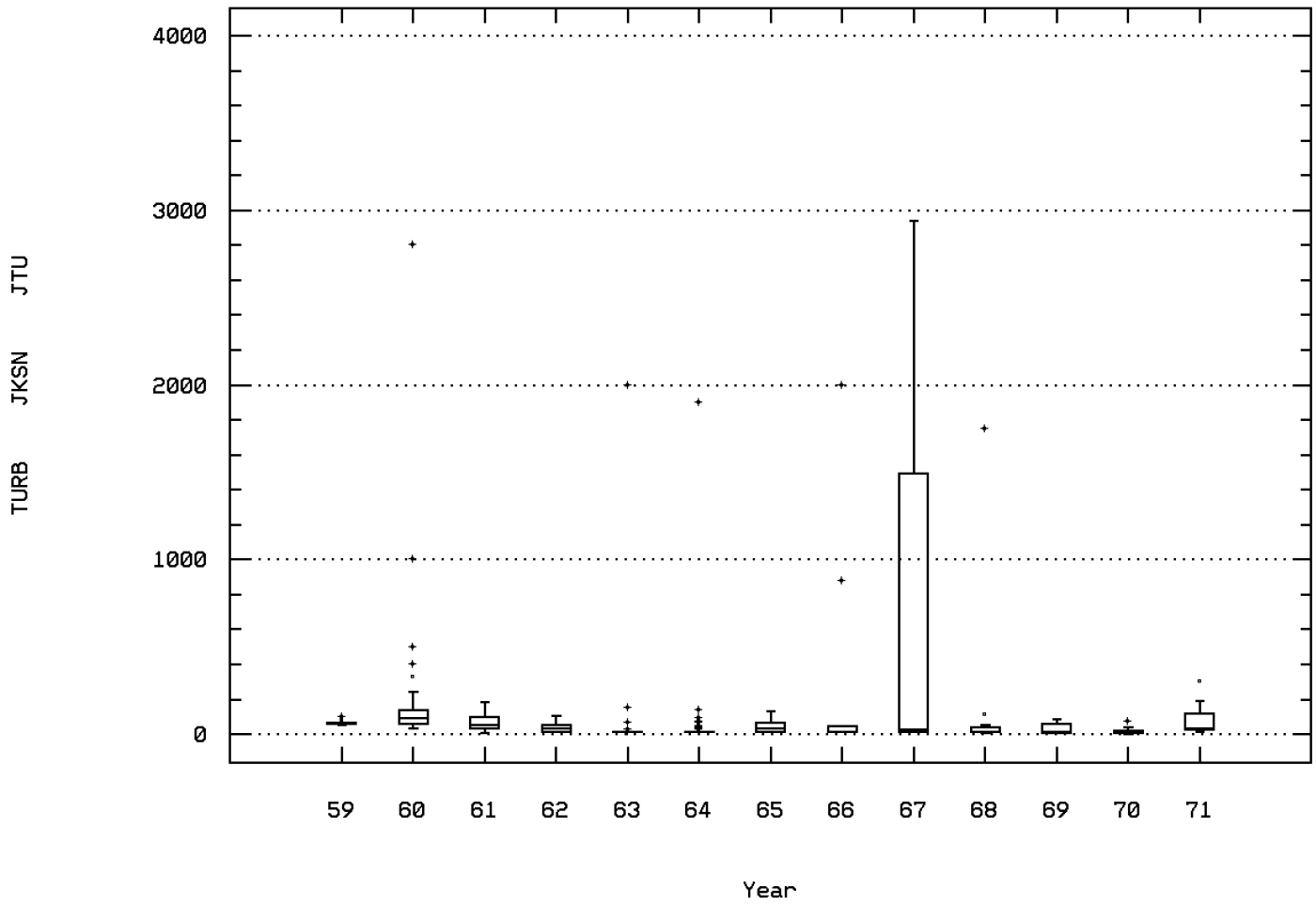
** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot



RIO GRANDE AT BROWNSVILLE

Station: PAAL0018 Parameter Code: 00070

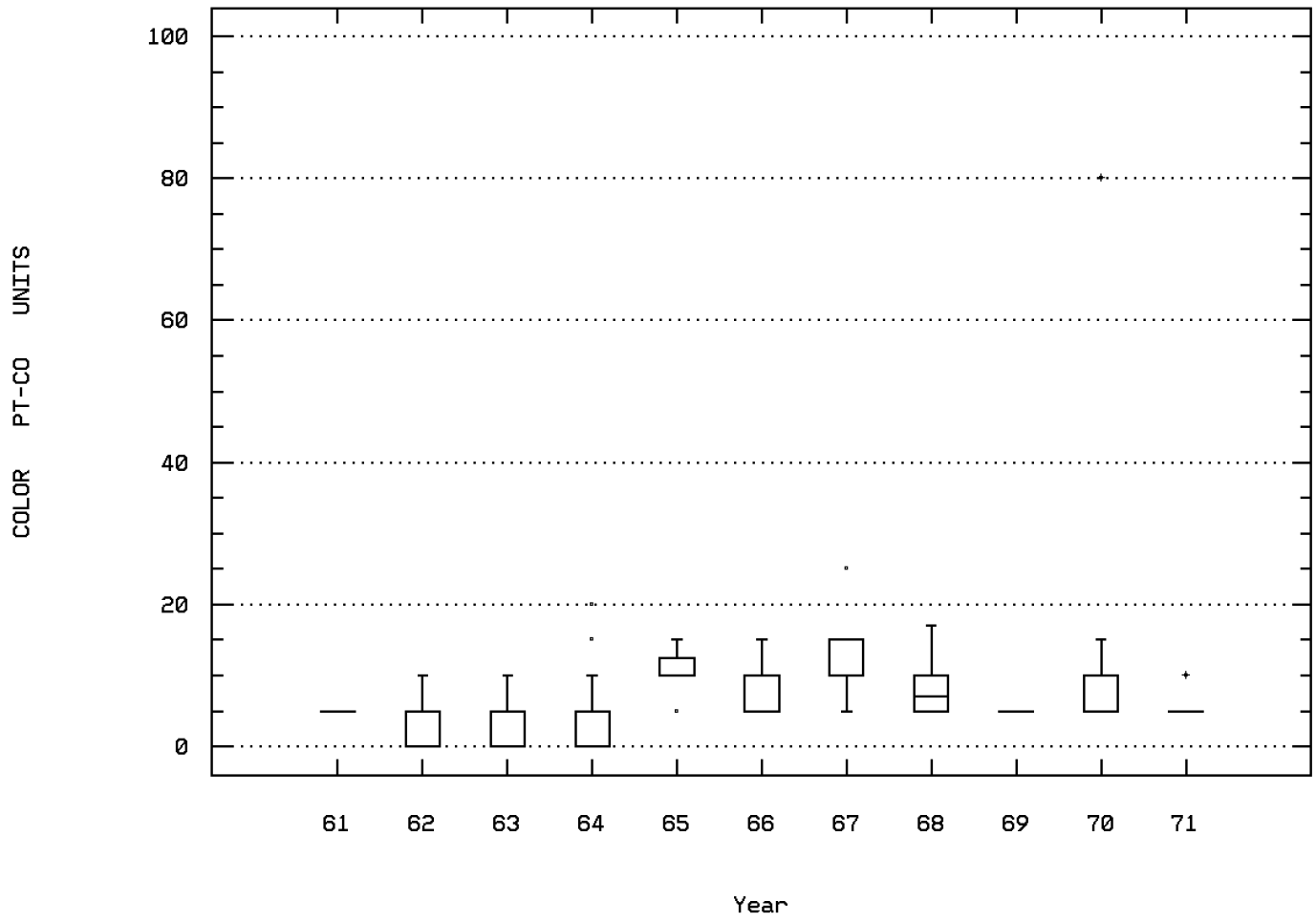
TURBIDITY, (JACKSON CANDLE UNITS)



RIO GRANDE AT BROWNSVILLE

Station: PAAL0018 Parameter Code: 00080

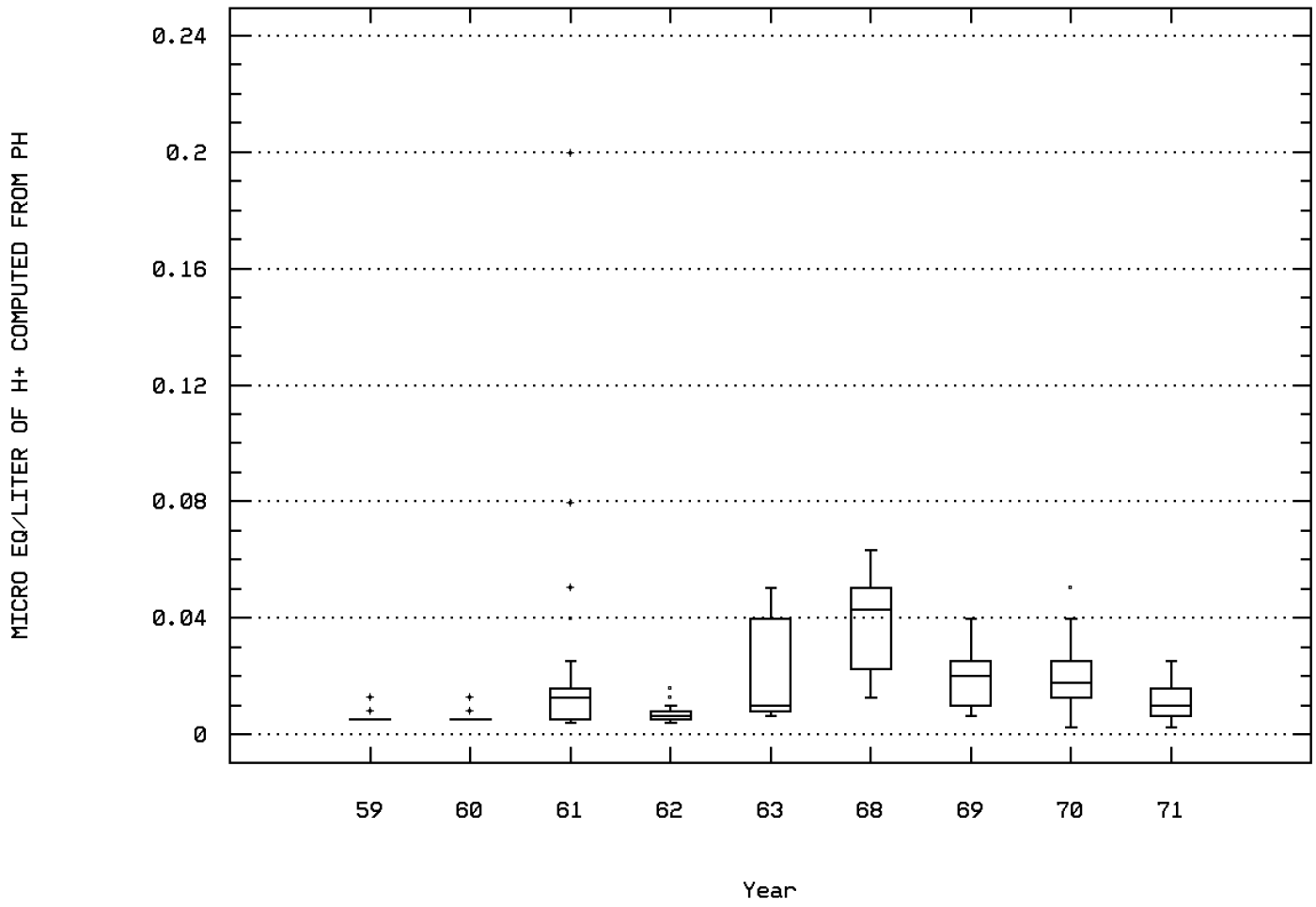
COLOR (PLATINUM-COBALT UNITS)



RIO GRANDE AT BROWNSVILLE

Station: PAAL0018 Parameter Code: 00400

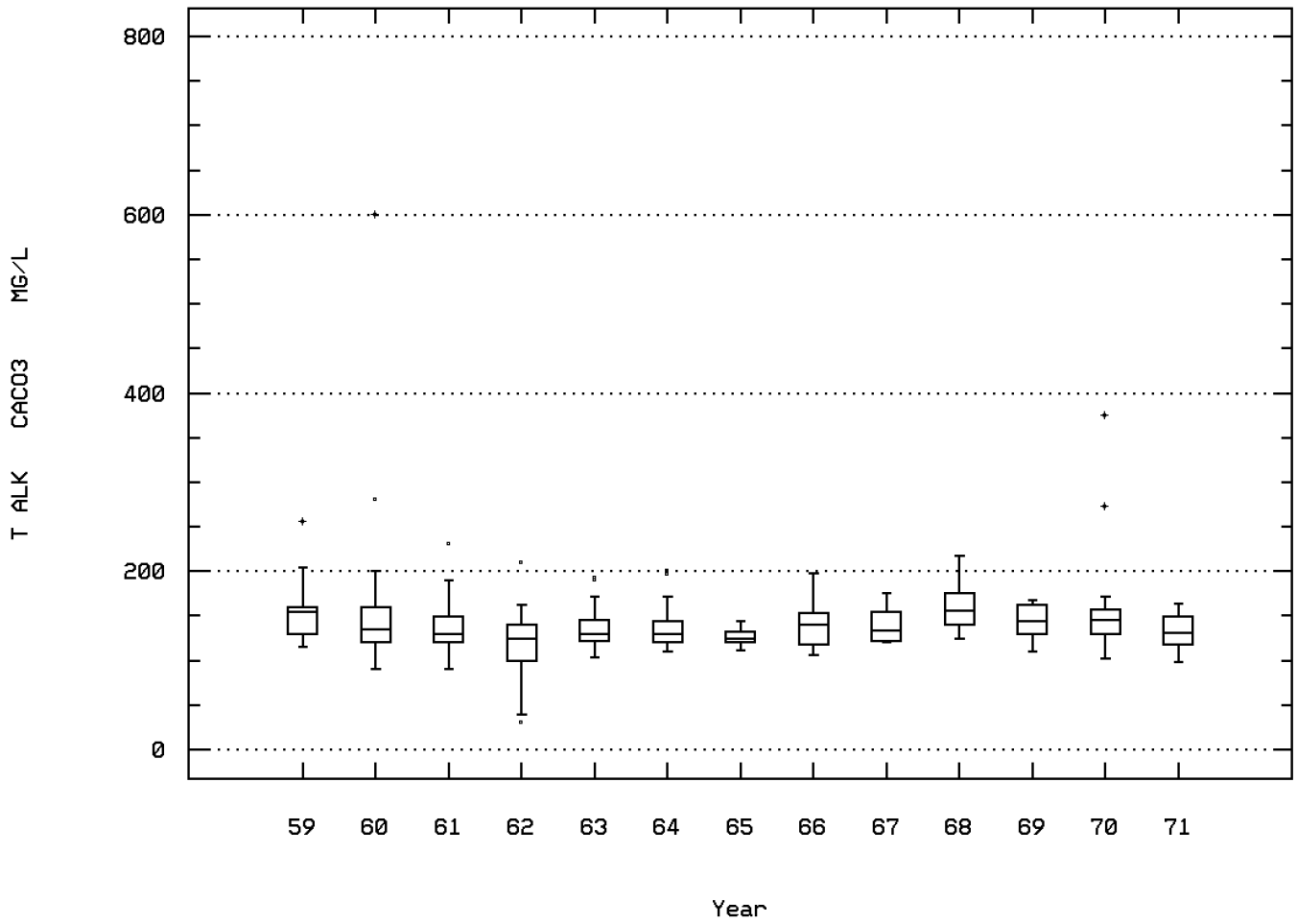
MICRO EQ/LITER OF H+ COMPUTED FROM PH



RIO GRANDE AT BROWNSVILLE

Station: PAAL0018 Parameter Code: 00410

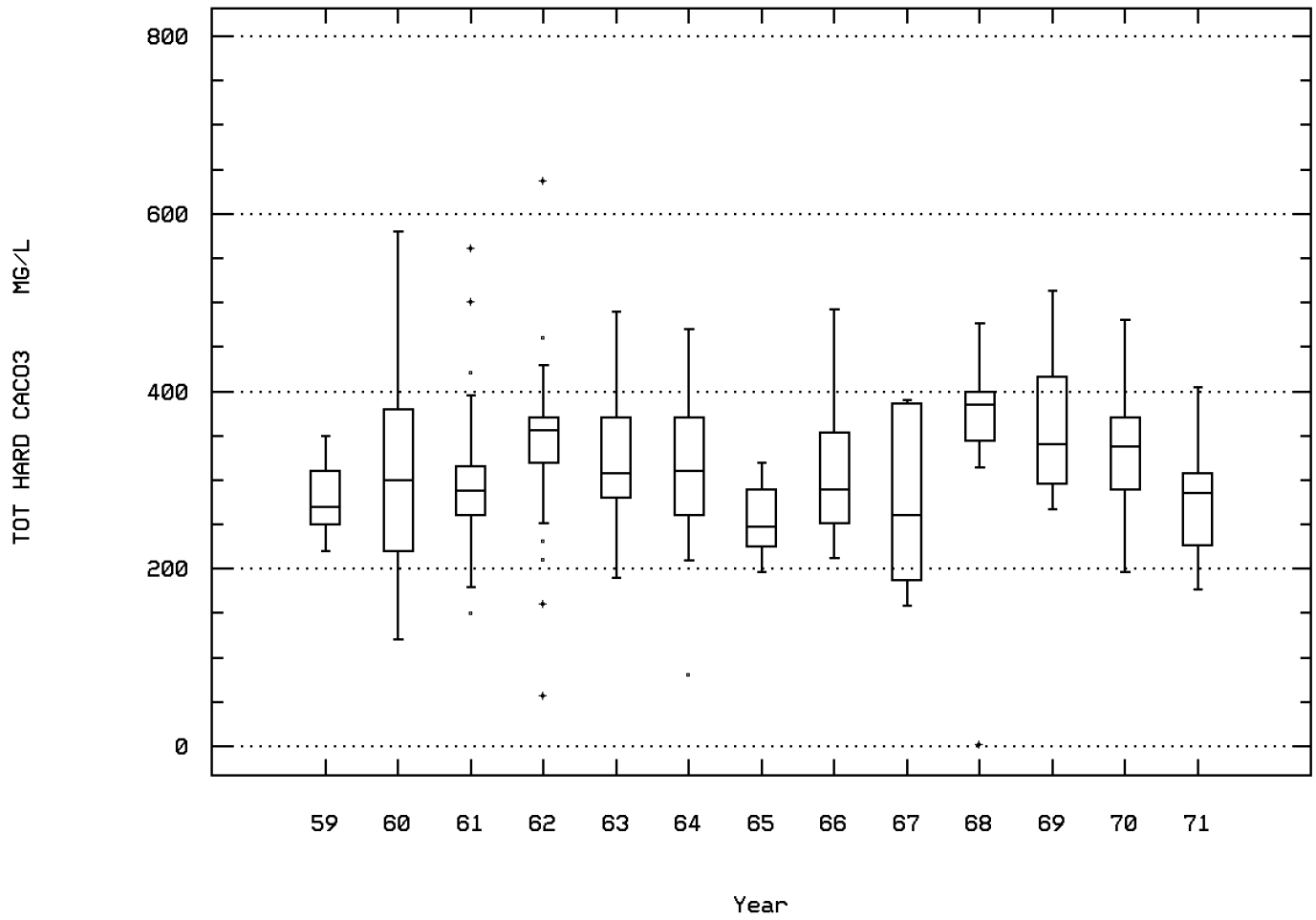
ALKALINITY, TOTAL (MG/L AS CACO3)



RIO GRANDE AT BROWNSVILLE

Station: PAAL0018 Parameter Code: 00900

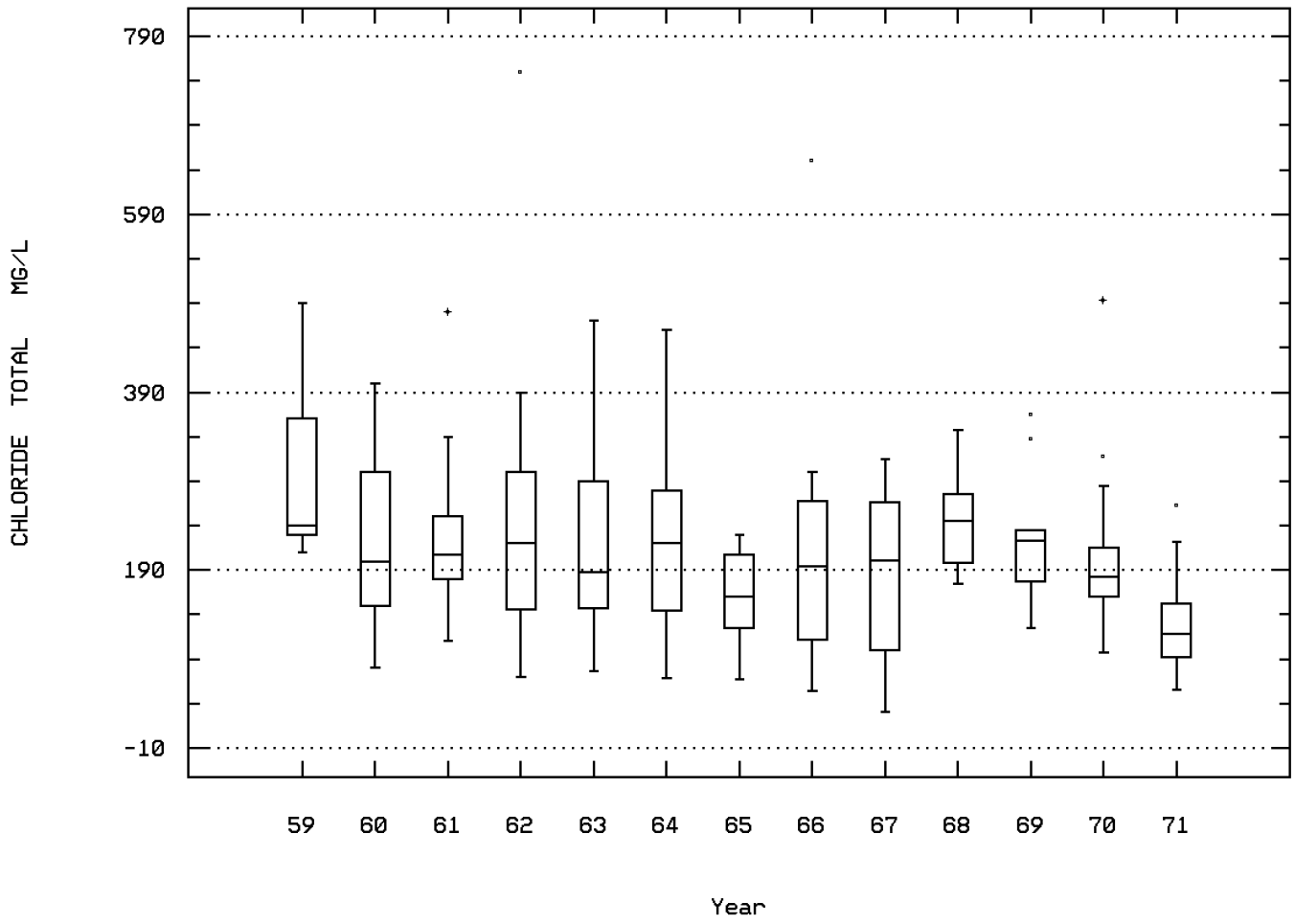
HARDNESS, TOTAL (MG/L AS CACO3)



RIO GRANDE AT BROWNSVILLE

Station: PAAL0018 Parameter Code: 00940

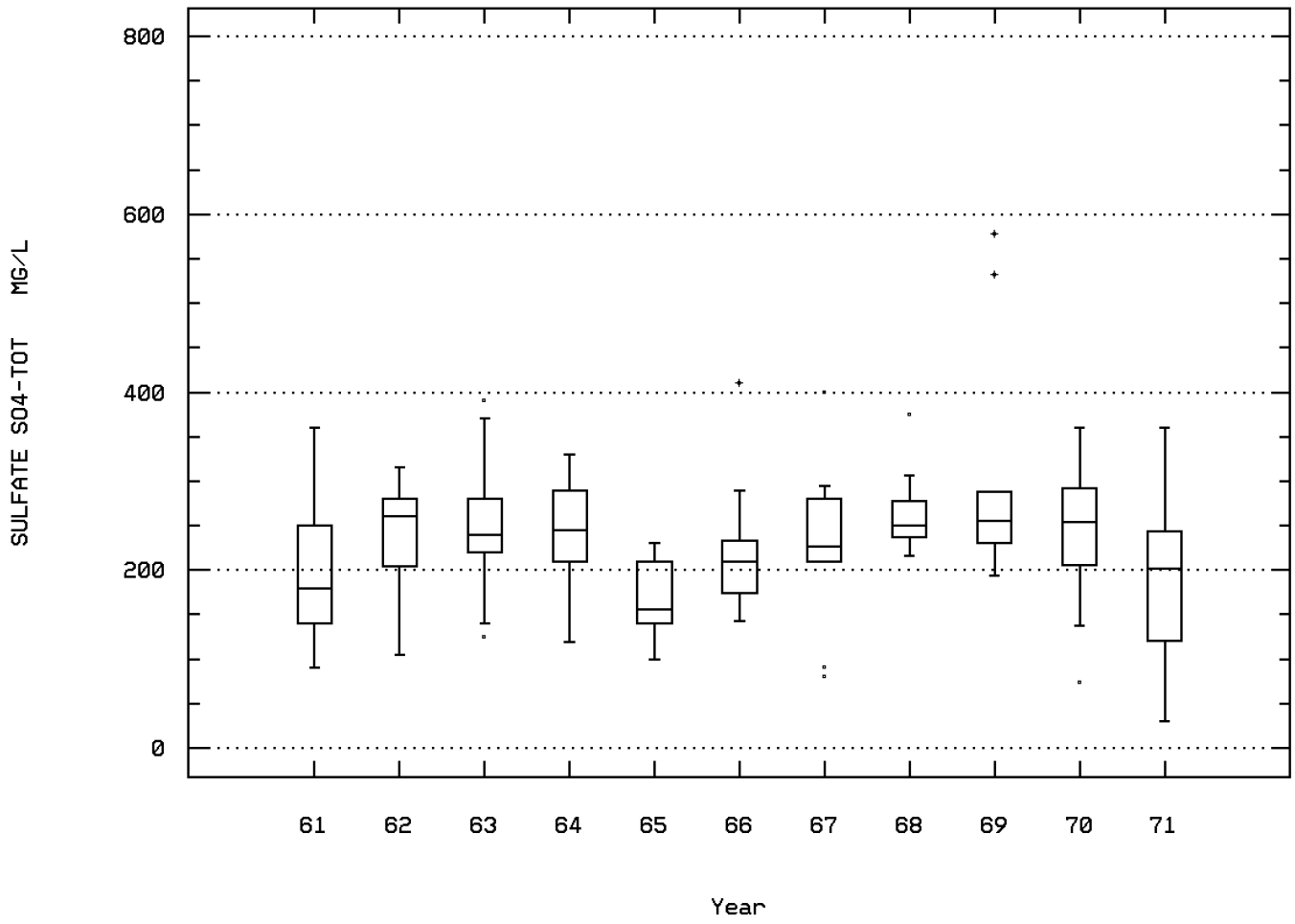
CHLORIDE,TOTAL IN WATER



RIO GRANDE AT BROWNSVILLE

Station: PAAL0018 Parameter Code: 00945

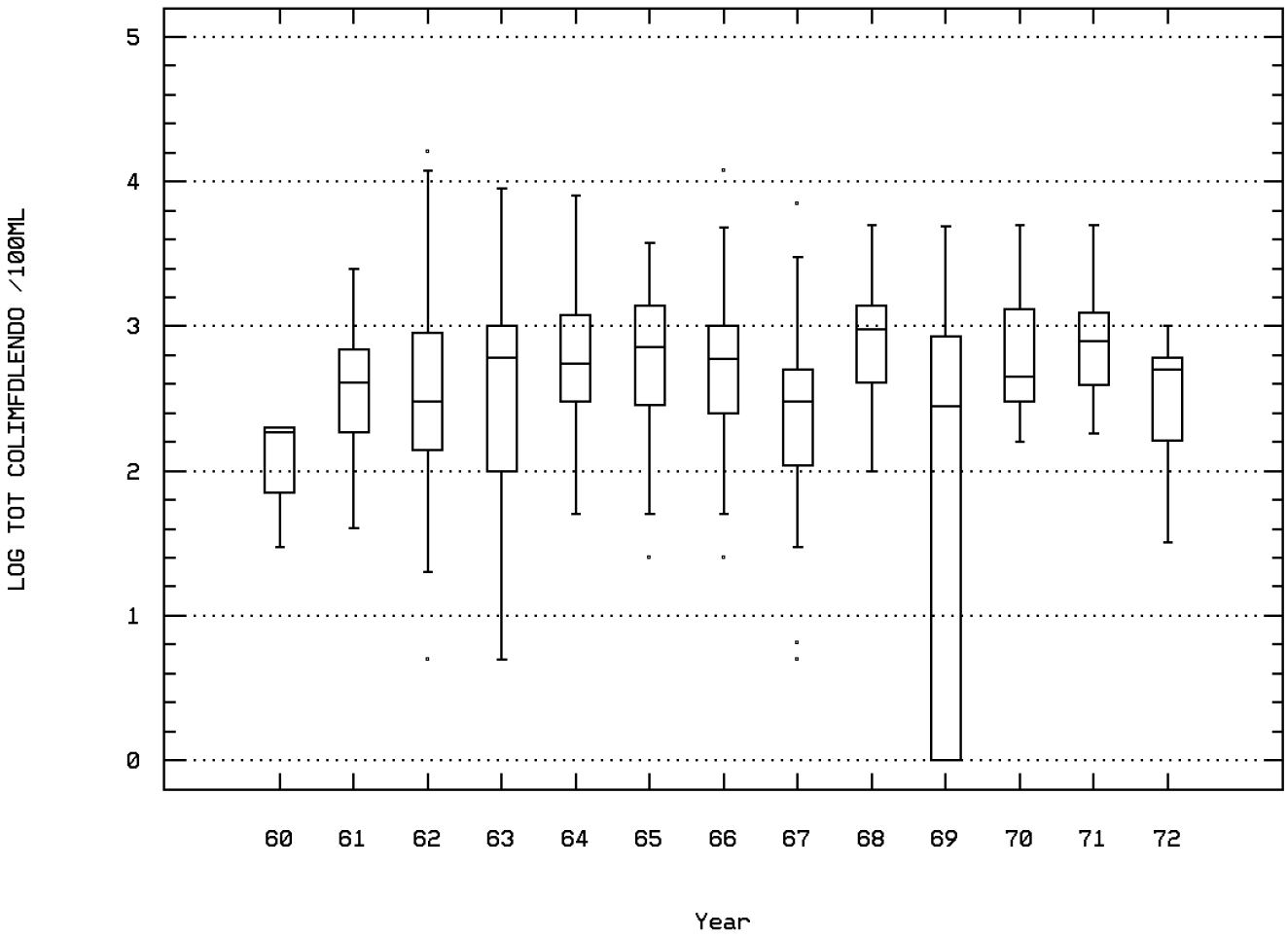
SULFATE, TOTAL (MG/L AS SO4)



RIO GRANDE AT BROWNSVILLE

Station: PAAL0018 Parameter Code: 31503

LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M



RIO GRANDE AT BROWNSVILLE

Seasonal Analysis for Season #1: 10/01 to 11/30 - Station PAAL0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	10/19/59-09/26/66	60	172.	376.133	2599.	19.	253091.304	503.082	74.9	127.	431.25	788.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/59-12/20/71	70	50.	198.987	2940.	7.9	323765.84	569.004	12.5	12.5	105.	180.
00080	COLOR (PLATINUM-COBALT UNITS)	11/15/61-05/10/71	37	5.	7.432	80.	0.	167.53	12.943	0.	2.5	10.	11.
00400	PH (STANDARD UNITS)	10/19/59-12/20/71	55	8.	7.969	8.4	7.1	0.124	0.352	7.4	7.7	8.3	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-12/20/71	55	8.	7.815	8.4	7.1	0.148	0.385	7.4	7.7	8.3	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-12/20/71	55	0.01	0.015	0.079	0.004	0.	0.015	0.005	0.005	0.02	0.04
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/59-05/10/71	63	140.	152.016	600.	96.	4037.5	63.541	113.6	127.	157.	180.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/15/61-12/20/71	34	757.5	707.521	1498.	0.7	122770.56	350.386	172.	451.	988.75	1102.5
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/19/59-10/05/70	28	170.5	275.	1434.	29.	97554.815	312.338	43.9	111.25	306.5	785.9
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/04/65-05/10/71	17	0.05	0.13	0.54	0.003	0.033	0.183	0.004	0.017	0.18	0.5
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-12/20/71	68	333.	316.294	580.	158.	8841.644	94.03	199.5	228.25	368.75	461.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/62-05/03/71	12	148.5	150.667	226.	84.	1379.879	37.147	94.2	126.5	174.	214.
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-12/20/71	71	205.	205.225	650.	31.	10772.52	103.791	77.	135.	270.	326.4
00945	SULFATE, TOTAL (MG/L AS SO4)	05/31/61-12/20/71	53	208.	207.679	410.	80.	6233.837	78.955	109.	139.	270.	306.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/62-12/20/71	21	0.32	0.404	1.18	0.02	0.085	0.292	0.05	0.28	0.605	0.768
01501	ALPHA, TOTAL	10/26/59-10/05/70	11	6.	6.273	21.	1.	34.218	5.85	1.	2.	9.	19.
01503	ALPHA, DISSOLVED	10/26/59-10/05/70	11	3.	3.727	9.	1.	7.218	2.687	1.	2.	5.	8.8
01505	ALPHA, SUSPENDED	10/26/59-10/05/70	11	1.	2.545	17.	0.	24.473	4.947	0.	0.	2.	14.4
03501	BETA, TOTAL	10/19/59-10/05/70	28	22.5	27.25	108.	0.	743.676	27.27	0.	0.	41.	74.1
03502	BETA, TOTAL, COUNTING ERROR	10/04/61-10/05/70	18	36.	29.778	48.	4.	234.654	15.318	4.9	16.25	41.25	47.1
03503	BETA, DISSOLVED	10/19/59-10/05/70	28	15.	17.857	52.	0.	295.09	17.178	0.	0.	32.	41.2
03504	BETA, DISSOLVED, COUNTING ERROR	10/04/61-10/05/70	18	26.	23.222	40.	4.	137.124	11.71	4.9	12.75	30.25	39.1
03505	BETA, SUSPENDED	10/19/59-10/05/70	28	3.5	9.393	56.	0.	169.358	13.014	0.	0.	14.75	23.5
03506	BETA, SUSPENDED, COUNTING ERROR	10/04/61-10/05/70	18	21.	18.278	35.	1.	111.154	10.543	1.	9.75	26.	28.7
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/09/60-05/22/72	75	600.	1153.933	16000.	0.	4533479.252	2129.197	100.	250.	1000.	2440.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/09/60-05/22/72	75	2.778	2.705	4.204	0.	0.379	0.616	2.	2.398	3.	3.387
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			506.95								
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/05/61-09/29/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	1	0.006	0.006	0.006	0.006	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	1	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	1	0.003	0.003	0.003	0.003	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	1	0.	0.	0.	0.	0.	0.	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	10/04/61-11/04/68	22	7350.	10264.636	71800.	54.	223483658.433	14949.37	197.6	2475.	11775.	20140.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/04/61-11/04/68	22	134.	539.682	2250.	0.	472058.418	687.065	0.	40.	957.5	1890.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/04/61-11/04/68	22	10.	154.545	1010.	0.	75045.022	273.943	0.	0.	252.5	688.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/04/61-11/04/68	22	1100.	1783.364	7570.	58.	3780246.242	1944.286	105.2	277.5	2210.	5320.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/04/61-11/04/68	22	80.	351.318	2707.	0.	588064.513	766.854	0.	0.	155.	2084.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/04/61-11/04/68	22	245.	355.318	1560.	0.	160820.323	401.024	2.1	50.	467.5	1093.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/04/61-11/04/68	22	0.	11.818	80.	0.	444.156	21.075	0.	0.	20.	40.
60400	DIATOMS, CENTRIC (/ML)	10/04/61-11/04/68	22	430.	520.5	1990.	31.	221176.929	470.295	63.	90.	807.5	1101.
60600	DIATOMS, PENNATE (/ML)	10/04/61-11/04/68	22	2665.	3654.273	14720.	150.	12813786.874	3579.635	300.3	1135.	5010.	9354.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station PAAL0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	10/19/59-09/26/66	119	202.	284.168	1332.	52.	47679.31	218.356	91.	132.	413.	560.
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/59-12/20/71	115	25.	40.807	220.	3.5	1683.564	41.031	12.5	12.5	60.	97.
00080	COLOR (PLATINUM-COBALT UNITS)	11/15/61-05/10/71	76	5.	5.987	15.	0.	20.013	4.474	0.	5.	10.	15.
00400	PH (STANDARD UNITS)	10/19/59-12/20/71	84	8.2	8.091	8.6	7.2	0.075	0.273	7.7	8.	8.3	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-12/20/71	84	8.2	7.979	8.6	7.2	0.087	0.296	7.7	8.	8.3	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-12/20/71	84	0.006	0.01	0.063	0.003	0.	0.011	0.005	0.005	0.01	0.02
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/59-05/10/71	114	144.	142.982	374.	30.	1750.265	41.836	102.5	124.75	160.	190.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/15/61-12/20/71	58	920.	910.483	1540.	87.	56597.693	237.903	649.5	725.5	1072.5	1164.

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding box-and-whisker plot

Seasonal Analysis for Season #2: 12/01 to 3/31 - Station PAAL0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/19/59-10/05/70	39	156.	193.872	1528.	38.	59600.799	244.133	52.	116.	191.	233.
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/04/65-05/10/71	33	0.06	0.125	0.48	0.005	0.015	0.121	0.011	0.04	0.25	0.3
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-12/20/71	97	330.	335.392	560.	150.	7099.991	84.261	230.	284.	390.	454.6
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/62-05/03/71	17	146.	142.529	230.	105.	1192.89	34.538	105.8	112.5	150.5	215.6
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-12/20/71	116	220.	222.491	493.	67.	8326.948	91.252	117.1	150.	270.	342.4
00945	SULFATE, TOTAL (MG/L AS SO4)	05/31/61-12/20/71	78	252.	253.808	390.	99.	2996.001	54.736	198.5	220.75	290.	330.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/62-12/20/71	20	0.63	0.494	0.74	0.04	0.068	0.26	0.052	0.273	0.68	0.728
01501	ALPHA, TOTAL	10/26/59-10/05/70	22	4.	4.591	21.	0.	19.682	4.436	1.	2.	5.25	10.1
01503	ALPHA, DISSOLVED	10/26/59-10/05/70	22	3.5	3.409	11.	0.	7.491	2.737	0.3	1.	4.25	8.1
01505	ALPHA, SUSPENDED	10/26/59-10/05/70	22	0.5	1.182	12.	0.	6.537	2.557	0.	0.	1.	2.7
03501	BETA, TOTAL	10/19/59-10/05/70	39	24.	30.615	234.	0.	1623.717	40.295	0.	1.	38.	60.
03502	BETA, TOTAL, COUNTING ERROR	10/04/61-10/05/70	24	33.	29.458	50.	7.	169.563	13.022	12.	13.75	38.75	47.5
03503	BETA, DISSOLVED	10/19/59-10/05/70	39	17.	22.205	234.	0.	1438.904	37.933	0.	0.	31.	37.
03504	BETA, DISSOLVED, COUNTING ERROR	10/04/61-10/05/70	24	25.5	23.75	40.	7.	93.326	9.661	11.	13.	31.25	37.5
03505	BETA, SUSPENDED	10/19/59-10/05/70	39	5.	8.41	47.	0.	105.196	10.256	0.	0.	14.	22.
03506	BETA, SUSPENDED, COUNTING ERROR	10/04/61-10/05/70	24	20.	16.042	29.	1.	91.085	9.544	2.	6.25	24.25	27.5
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/09/60-05/22/72	163	340.	645.926	12000.	5.	1676511.016	1294.802	50.	130.	700.	1100.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/09/60-05/22/72	163	2.531	2.457	4.079	0.699	0.354	0.595	1.699	2.114	2.845	3.041
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			286.301								
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/05/61-09/29/67	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	2	0.005	0.005	0.01	0.	0.	0.007	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	2	0.001	0.001	0.001	0.001	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	2	0.003	0.003	0.004	0.001	0.	0.002	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	2	0.	0.	0.	0.	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	2	0.	0.	0.	0.	0.	0.	**	**	**	**
60050	ALGAE, TOTAL (CELLS/ML)	10/04/61-11/04/68	29	9000.	11744.828	37000.	800.	107301847.291	10358.66	1500.	2850.	19650.	28700.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/04/61-11/04/68	29	110.	427.586	4030.	0.	675583.251	821.939	0.	0.	370.	1410.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/04/61-11/04/68	29	0.	55.862	370.	0.	10117.98	100.588	0.	0.	65.	270.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/04/61-11/04/68	29	1240.	2257.931	9700.	50.	6416616.995	2533.104	160.	400.	3735.	5050.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/04/61-11/04/68	29	0.	165.034	1830.	0.	196158.177	442.897	0.	0.	70.	448.
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/04/61-11/04/68	29	130.	237.931	900.	0.	66495.567	257.867	0.	40.	385.	680.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/04/61-11/04/68	29	20.	226.172	2083.	0.	256764.291	506.719	0.	0.	160.	1176.
60400	DIATOMS, CENTRIC (/ML)	10/04/61-11/04/68	29	360.	904.138	9260.	50.	3050853.695	1746.669	90.	215.	750.	1650.
60600	DIATOMS, PENNATE (/ML)	10/04/61-11/04/68	29	2860.	7467.931	30830.	320.	68828545.567	8296.297	480.	1795.	12895.	22730.

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Seasonal Analysis for Season #3: 4/01 to 9/30 - Station PAAL0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00060	FLOW, STREAM, MEAN DAILY CFS	10/19/59-09/26/66	171	242.	716.813	10550.	66.	2490070.447	1577.996	118.4	166.	485.	1240.6
00070	TURBIDITY, (JACKSON CANDLE UNITS)	10/19/59-12/20/71	152	21.5	84.379	1900.	5.5	55691.736	235.991	12.5	12.5	60.	143.5
00080	COLOR (PLATINUM-COBALT UNITS)	11/15/61-05/10/71	108	5.	5.472	25.	0.	22.999	4.796	0.	0.	10.	10.
00400	PH (STANDARD UNITS)	10/19/59-12/20/71	93	8.	7.974	8.6	6.7	0.116	0.341	7.44	7.8	8.3	8.3
00400	CONVERTED PH (STANDARD UNITS)	10/19/59-12/20/71	93	8.	7.807	8.6	6.7	0.145	0.38	7.44	7.8	8.3	8.3
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	10/19/59-12/20/71	93	0.01	0.016	0.2	0.003	0.001	0.022	0.005	0.005	0.016	0.037
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	10/19/59-05/10/71	160	129.	131.038	280.	90.	633.382	25.167	110.	116.	140.	152.
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C),MG/L	11/15/61-12/20/71	73	740.	817.822	2250.	37.	116246.204	340.949	506.6	670.5	959.	1303.
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10/19/59-10/05/70	55	166.	235.4	1071.	25.	45311.207	212.864	62.2	114.	305.	433.8
00665	PHOSPHORUS, TOTAL (MG/L AS P)	01/04/65-05/10/71	46	0.04	0.065	0.65	0.005	0.01	0.1	0.01	0.03	0.07	0.1
00900	HARDNESS, TOTAL (MG/L AS CACO3)	10/19/59-12/20/71	152	290.	299.882	636.	2.	5867.867	76.602	221.2	262.25	330.	398.5
00930	SODIUM, DISSOLVED (MG/L AS NA)	10/01/62-05/03/71	19	140.	140.026	220.	75.	945.624	30.751	96.	130.	152.	190.
00940	CHLORIDE,TOTAL IN WATER MG/L	10/19/59-12/20/71	168	180.	204.619	750.	36.	8312.393	91.172	119.5	145.5	260.	320.
00945	SULFATE, TOTAL (MG/L AS SO4)	05/31/61-12/20/71	121	230.	228.992	578.	30.	6052.225	77.796	135.6	192.	268.5	314.
00950	FLUORIDE, DISSOLVED (MG/L AS F)	10/01/62-12/20/71	27	0.71	0.702	1.1	0.35	0.045	0.213	0.428	0.5	0.85	1.02
01501	ALPHA, TOTAL	10/26/59-10/05/70	29	3.	4.	11.	0.	10.071	3.174	0.	1.	6.	9.

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Seasonal Analysis for Season #3: 4/01 to 9/30 - Station PAAL0018

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01503	ALPHA, DISSOLVED	10/26/59-10/05/70	29	3.	2.621	8.	0.	3.458	1.86	0.	1.	4.	5.
01505	ALPHA, SUSPENDED	10/26/59-10/05/70	29	0.	1.379	8.	0.	5.315	2.305	0.	0.	2.5	5.
03501	BETA, TOTAL	10/19/59-10/05/70	54	19.5	31.019	418.	0.	3414.622	58.435	0.	0.	37.5	53.
03502	BETA, TOTAL, COUNTING ERROR	10/04/61-10/05/70	31	37.	40.645	103.	3.	420.103	20.496	17.2	31.	47.	73.6
03503	BETA, DISSOLVED	10/19/59-10/05/70	54	15.5	18.167	102.	0.	444.443	21.082	0.	0.	27.	35.
03504	BETA, DISSOLVED, COUNTING ERROR	10/04/61-10/05/70	31	29.	32.161	82.	3.	255.206	15.975	12.2	25.	38.	50.
03505	BETA, SUSPENDED	10/19/59-10/05/70	54	3.	12.852	317.	0.	1864.355	43.178	0.	0.	13.25	22.5
03506	BETA, SUSPENDED, COUNTING ERROR	10/04/61-10/05/70	31	22.	23.484	63.	1.	232.925	15.262	3.2	13.	30.	49.4
31503	COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35 C	12/09/60-05/22/72	223	700.	1183.267	12000.	0.	2416424.29	1554.485	92.8	280.	1500.	3000.
31503	LOG COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,3	12/09/60-05/22/72	223	2.845	2.713	4.079	0.	0.558	0.747	1.967	2.447	3.176	3.477
31503	GM COLIFORM,TOT,MEMBR FILTER,DELAYED,M-ENDO MED,35	GEOMETRIC MEAN =			515.983								
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	07/05/61-09/29/67	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	9	0.	0.006	0.026	0.	0.	0.009	0.	0.	0.012	0.026
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	9	0.001	0.003	0.008	0.	0.	0.003	0.	0.001	0.005	0.008
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	9	0.	0.002	0.008	0.	0.	0.003	0.	0.	0.003	0.008
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	10	0.	0.004	0.035	0.	0.	0.011	0.	0.	0.	0.032
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	07/05/61-09/29/67	9	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
60050	ALGAE, TOTAL (CELLS/ML)	10/04/61-11/04/68	49	8000.	9706.122	26600.	200.	42648086.735	6530.55	2200.	4650.	14900.	18500.
60100	ALGAE, COCCOID BLUE-GREEN (CELLS/ML)	10/04/61-11/04/68	49	340.	664.286	7020.	0.	1720141.667	1311.542	0.	0.	690.	1510.
60150	ALGAE, FILAMENTOUS BLUE-GREEN (CELLS/ML)	10/04/61-11/04/68	49	20.	466.327	5610.	0.	1453777.891	1205.727	0.	0.	270.	910.
60200	ALGAE, COCCOID GREEN (CELLS/ML)	10/04/61-11/04/68	49	1340.	2180.816	13840.	100.	6490453.486	2547.637	350.	915.	2360.	5060.
60250	ALGAE, FILAMENTOUS GREEN (CELLS/ML)	10/04/61-11/04/68	53	160.	1302.321	10580.	0.	6948014.953	2635.909	0.	0.	1015.	4951.6
60300	ALGAE, FLAGELLATE GREEN (CELLS/ML)	10/04/61-11/04/68	49	120.	218.367	1140.	0.	61013.946	247.01	0.	60.	345.	620.
60350	ALGAE, FLAGELLATE OTHER (CELLS/ML)	10/04/61-11/04/68	49	0.	20.204	290.	0.	2756.207	52.5	0.	0.	0.	90.
60400	DIATOMS, CENTRIC (/ML)	10/04/61-11/04/68	49	310.	522.245	4010.	0.	606471.939	778.763	50.	115.	600.	1040.
60600	DIATOMS, PENNATE (/ML)	10/04/61-11/04/68	49	3320.	3912.245	14520.	50.	10709126.105	3272.48	670.	1245.	5630.	6660.

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Station Inventory for Station: PAAL0019

NPS Station ID: PAAL0019 LAT/LON: 26.078448/ -97.558531 Agency: 11NPSWRD Date Created: 02/27/99
Location: RESACA DE LOS CUATES AT HW 100 NEAR RUSSELTOWN FIPS State/County: 48061 TEXAS/CAMERON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PAAL_USGS_HW100
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 12110208 Depth of Water: 0 Aquifer:
Major Basin: WESTERN GULF Elevation: 0 Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER ECO Region:
RF1 Index: 12110208 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE OLMITO TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE AND IS LOCATED OUTSIDE OF PALO ALTO BATTLEFIELD NATIONAL HISTORIC SITE. THE SITE (#6) IS LOCATED AT THE RESACA DE LOS CUATES AT STATE HIGHWAY 100 NEAR RUSSELTOWN. DATA ARE FROM USGS WATER RESOURCES INVESTIGATIONS REPORT 87-4277 "RECONNAISSANCE INVESTIGATION OF WATER QUALITY; BOTTOM SEDIMENT; AND BIOTA ASSOCIATED WITH IRRIGATION DRAINAGE IN THE LOWER RIO GRANDE VALLEY AND LAGUNA ATASCOSA NATIONAL WILDLIFE REFUGE; TEXAS; 1986-87" (WELLS; JACKSON AND ROGERS; 1988). FOR INFORMATION ABOUT THE HISTORIC SITE CONTACT NATURAL RESOURCES; PALO ALTO BATTLEFIELD NATIONAL HISTORIC SITE; 1623 CENTRAL BLVD #213; BROWNESVILLE TX 78520-8326; TEL(956)541-2785. DATA WERE PROCESSED AND UPLOADED TO STORET BY ARIA BRISSETTE; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525-5596; TEL(970)225-3516.

Parameter Inventory for Station: PAAL0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/26/86-06/26/86	1	30.	30.	30.	30.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/26/86-06/26/86	1	1740.	1740.	1740.	1740.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/26/86-06/26/86	1	3.7	3.7	3.7	3.7	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/26/86-06/26/86	1	49.	49.	49.	49.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/26/86-06/26/86	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/26/86-06/26/86	1	7.7	7.7	7.7	7.7	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/26/86-06/26/86	1	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/26/86-06/26/86	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/26/86-06/26/86	1	300.	300.	300.	300.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/26/86-06/26/86	1	440.	440.	440.	440.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/26/86-06/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/26/86-06/26/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/26/86-06/26/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/26/86-06/26/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/26/86-06/26/86	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/26/86-06/26/86	1	16.	16.	16.	16.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	06/26/86-06/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	06/26/86-06/26/86	1	4.	4.	4.	4.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/26/86-06/26/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/26/86-06/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
09510	RADIUM 226, DISSOLVED, PLANCHET COUNT	06/26/86-06/26/86	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	06/26/86-06/26/86	1	2.7	2.7	2.7	2.7	0.	0.	**	**	**	**

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Parameter Inventory for Station: PAAL0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34802	ARSENIC,SED,BOT,DRY SIEVE,	06/26/86-06/26/86	1	6.2	6.2	6.2	6.2	0.	0.	**	**	**	**
34807	BARIUM,SED,BOT,	06/26/86-06/26/86	1	510.	510.	510.	510.	0.	0.	**	**	**	**
34812	BERYLLIUM,SED,BOT,DRY SIEVE,	06/26/86-06/26/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34817	BISMUTH,SED,BOT,DRY SIEVE,	06/26/86-06/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34827	CADMIUM,SED,BOT,	06/26/86-06/26/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34842	CHROMIUM,SED,BOT,	06/26/86-06/26/86	1	37.	37.	37.	37.	0.	0.	**	**	**	**
34847	COBALT,SED,BOT,	06/26/86-06/26/86	1	9.	9.	9.	9.	0.	0.	**	**	**	**
34852	COPPER,SED,BOT,	06/26/86-06/26/86	1	22.	22.	22.	22.	0.	0.	**	**	**	**
34857	EUROPIUM,SED,BOT,	06/26/86-06/26/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34862	GALLIUM,SED,BOT,	06/26/86-06/26/86	1	14.	14.	14.	14.	0.	0.	**	**	**	**
34872	GOLD,SED,BOT,	06/26/86-06/26/86	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
34877	HOLMIUM,SED,BOT,	06/26/86-06/26/86	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34887	LANTHANUM,SED,BOT,	06/26/86-06/26/86	1	28.	28.	28.	28.	0.	0.	**	**	**	**
34892	LEAD,SED,BOT,	06/26/86-06/26/86	1	17.	17.	17.	17.	0.	0.	**	**	**	**
34897	LITHIUM,SED,BOT,	06/26/86-06/26/86	1	32.	32.	32.	32.	0.	0.	**	**	**	**
34907	MANGANESE,SED,BOT,	06/26/86-06/26/86	1	630.	630.	630.	630.	0.	0.	**	**	**	**
34917	MOLYBDENUM,SED,BOT,	06/26/86-06/26/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34922	NEODYMIUM,SED,BOT,	06/26/86-06/26/86	1	22.	22.	22.	22.	0.	0.	**	**	**	**
34927	NICKEL,SED,BOT,	06/26/86-06/26/86	1	17.	17.	17.	17.	0.	0.	**	**	**	**
34947	SCANDIUM,SED,BOT,	06/26/86-06/26/86	1	6.	6.	6.	6.	0.	0.	**	**	**	**
34952	SELENIUM,SED,BOT,	06/26/86-06/26/86	1	0.7	0.7	0.7	0.7	0.	0.	**	**	**	**
34957	SILVER,SED,BOT,	06/26/86-06/26/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34967	STRONTIUM,SED,BOT,	06/26/86-06/26/86	1	460.	460.	460.	460.	0.	0.	**	**	**	**
34977	TANTALUM,SED,BOT,	06/26/86-06/26/86	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
34982	THORIUM,SED,BOT,	06/26/86-06/26/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
34987	TIN,SED,BOT,	06/26/86-06/26/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34992	TITANIUM,SED,BOT,	06/26/86-06/26/86	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
35002	URANIUM,SED,BOT,	06/26/86-06/26/86	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
35007	VANADIUM,SED,BOT,	06/26/86-06/26/86	1	55.	55.	55.	55.	0.	0.	**	**	**	**
35012	YTTRIUM,SED,BOT,	06/26/86-06/26/86	1	19.	19.	19.	19.	0.	0.	**	**	**	**
35017	YTTERBIUM,SED,BOT,	06/26/86-06/26/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
35022	ZINC,SED,BOT,	06/26/86-06/26/86	1	78.	78.	78.	78.	0.	0.	**	**	**	**
38578	PROPAZINE, TOTAL, WATER UG/L	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39054	SIMETRYNE IN WHOLE WATER (UG/L)	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39055	SIMAZINE IN WHOLE WATER (UG/L)	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39056	PROMETONE IN WHOLE WATER (UG/L)	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39057	PROMETRYNE IN WHOLE WATER (UG/L)	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	1	2.3	2.3	2.3	2.3	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	1	34.	34.	34.	34.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/26/86-06/26/86	1	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/26/86-06/26/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0019

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39750	SEVIN IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
61273	ALPHA RADIATION, DISSOLVED,GROSS,AS U NATURAL UG/L	06/26/86-06/26/86	1 ##	4.25	4.25	4.25	4.25	0.	0.	**	**	**	**
61274	CERIUM,SED,BOT,<63U,DRY SIEVE,LAB,TOTAL UG/G	06/26/86-06/26/86	1	52.	52.	52.	52.	0.	0.	**	**	**	**
61275	CHLORDANE IN WHOLE WATER SAMPLE,TOTAL UG/L	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
61276	CHLORDANE,TOTAL, IN BOTTOM MATERIAL UG/KG	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	06/26/86-06/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	06/26/86-06/26/86	1	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: PAAL0019

				Total	Exceed	Prop.	----------10/01-11/30----------			----------12/01-3/31----------			----------4/01-9/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	1	1.00							1	1	1.00			
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			
39055	SIMAZINE IN WHOLE WATER	Drinking Water	4.	1	0	0.00							1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00							1	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00							1	0	0.00			
		Drinking Water	0.2	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: PAAL0019

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------10/01-11/30---------- Obs	Exceed	Prop.	----------12/01-3/31---------- Obs	Exceed	Prop.	----------4/01-9/30---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00							1	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00							1	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00							1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00							1	0	0.00			
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	1	0	0.00							1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00							1	0	0.00			
		Drinking Water	3.	1	0	0.00							1	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00							1	0	0.00			
		Drinking Water	0.4	1	0	0.00							1	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00							1	0	0.00			
		Drinking Water	0.2	1	0	0.00							1	0	0.00			
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	1	0	0.00							1	0	0.00			
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	1	0	0.00							1	0	0.00			
39720	PICLORAM IN WHOLE WATER SAMPLE	Drinking Water	500.	1	0	0.00							1	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00							1	0	0.00			
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00							1	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: PAAL0020

NPS Station ID: PAAL0020
LAT/LON: 25.950004/ -97.575559
Agency: 21TXWQB
Date Created: 07/23/94
Location: RIO GRANDE AT RIVER BEND
FIPS State/County: 48061 TEXAS/CAMERON
Station Type: /TYPA/AMBNT/STREAM
STORET Station ID(s): 13179 /2302.0125 /2302.1250
RMI-Indexes:
Within Park Boundary: No
RMI-Miles:
HUC: 12110208
Depth of Water: 0
Aquifer:
Major Basin:
Elevation: 0
Water Body Id:
Minor Basin: Rio Grande River Basin
ECO Region: 31M
RF1 Index: 12110208
RF1 Mile Point: 0.000
Distance from RF1: 0.00
On/Off RF1:
RF3 Index:
RF3 Mile Point: 0.00
Distance from RF3: 0.00
On/Off RF3:
Description:
RIO GRANDE NEAR RIVER BEND BOAT RAMP APPROXIMATELY 5 MI. WEST OF BROWNS ILLE ON US 281

Parameter Inventory for Station: PAAL0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)	12/09/91-07/25/94	16	1.	3.25	15.	1.	16.867	4.107	1.	1.	5.	11.5
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	12/09/91-07/25/94	13	25.	25.1	30.3	17.7	15.845	3.981	18.22	22.85	28.5	30.22
00078	TRANSPARENCY, SECCHI DISC (METERS)	12/09/91-07/25/94	12	0.3	0.25	0.36	0.05	0.012	0.109	0.05	0.175	0.323	0.36
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	12/09/91-07/25/94	12	1351.5	1337.5	1660.	1120.	29056.636	170.46	1127.2	1193.	1459.5	1612.
00300	OXYGEN, DISSOLVED MG/L	12/09/91-07/25/94	13	8.4	8.569	12.6	6.8	2.626	1.62	6.84	7.2	9.65	11.6
00400	PH (STANDARD UNITS)	12/09/91-07/25/94	13	8.2	8.315	8.8	7.8	0.101	0.318	7.88	8.05	8.6	8.76
00400	CONVERTED PH (STANDARD UNITS)	12/09/91-07/25/94	13	8.2	8.214	8.8	7.8	0.113	0.336	7.88	8.05	8.6	8.76
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	12/09/91-07/25/94	13	0.006	0.006	0.016	0.002	0.	0.004	0.002	0.003	0.009	0.014
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	12/09/91-07/25/94	10	154.5	149.5	178.	94.	649.167	25.479	97.2	135.	167.5	178.
00480	SALINITY - PARTS PER THOUSAND	06/01/92-06/01/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
00496	LOSS ON IGNITION, BOTTOM DEPOSITS (MG/KG)	12/09/91-06/01/92	2	27850.	27850.	28800.	26900.	1805000.	1343.503	**	**	**	**
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	12/09/91-07/25/94	10	58.	90.9	340.	22.	9240.989	96.13	22.4	38.	100.25	322.4
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	12/09/91-07/25/94	10	9.	10.3	26.	4.	34.233	5.851	4.3	7.75	10.25	24.5
00561	OIL & GREASE, SED, DRY WT,FREON EXTR-IR METH,MG/KG	12/09/91-06/01/92	2 ##	25.	25.	34.	16.	162.	12.728	**	**	**	**
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	12/09/91-07/25/94	10	0.02	0.037	0.11	0.005	0.002	0.041	0.005	0.009	0.065	0.11
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	12/09/91-07/25/94	10	0.01	0.019	0.07	0.005	0.	0.022	0.005	0.005	0.033	0.067
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	12/09/91-07/25/94	10	0.02	0.081	0.33	0.005	0.017	0.13	0.005	0.005	0.125	0.329
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	01/25/93-07/25/94	7	0.88	0.937	1.51	0.42	0.114	0.338	**	**	**	**
00626	NITROGEN,ORG. KJEL.,BOT. DEPOS. (MG/KG-N DRY WGT)	12/09/91-06/01/92	2	507.5	507.5	585.	430.	12012.5	109.602	**	**	**	**
00665	PHOSPHORUS, TOTAL (MG/L AS P)	12/09/91-07/25/94	10	0.18	0.185	0.36	0.08	0.007	0.082	0.083	0.118	0.233	0.351
00668	PHOSPHORUS,TOTAL,BOTTOM DEPOSIT (MG/KG-P DRY WGT)	12/09/91-06/01/92	2	464.5	464.5	505.	424.	3280.5	57.276	**	**	**	**
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	12/09/91-07/25/94	10	0.04	0.054	0.19	0.005	0.003	0.053	0.007	0.02	0.073	0.179
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	12/09/91-07/25/94	10	4.5	3.75	7.	0.5	5.792	2.407	0.5	0.5	5.25	6.9
00747	SULFIDE IN BOTTOM DEPOSITS MG/KG	06/01/92-06/01/92	1	120.	120.	120.	120.	0.	0.	**	**	**	**
00900	HARDNESS, TOTAL (MG/L AS CACO3)	12/09/91-06/01/92	2	287.	287.	334.	240.	4418.	66.468	**	**	**	**
00940	CHLORIDE,TOTAL IN WATER MG/L	12/09/91-07/25/94	10	176.5	180.2	276.	124.	2310.178	48.064	125.1	137.25	208.75	271.9
00945	SULFATE, TOTAL (MG/L AS SO4)	12/09/91-07/25/94	10	271.	282.7	370.	235.	1447.567	38.047	236.2	261.25	300.25	364.
01000	ARSENIC, DISSOLVED (UG/L AS AS)	12/09/91-06/01/92	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01003	ARSENIC IN BOTTOM DEPOSITS (MG/KG AS AS DRY WGT)	12/09/91-06/01/92	2	3.7	3.7	3.9	3.5	0.08	0.283	**	**	**	**
01004	ARSENIC TOTAL IN FISH OR ANIMAL WET WT MG/KG	08/12/92-08/12/92	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/01/92-06/01/92	1	86.	86.	86.	86.	0.	0.	**	**	**	**
01008	BARIUM IN BOTTOM DEPOSITS (MG/KG AS BA DRY WGT)	12/09/91-06/01/92	2	135.5	135.5	144.	127.	144.5	12.021	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	12/09/91-06/01/92	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01028	CADMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/09/91-06/01/92	2 ##	0.525	0.525	0.55	0.5	0.001	0.035	**	**	**	**
01029	CHROMIUM,TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/09/91-06/01/92	2	8.25	8.25	10.	6.5	6.125	2.475	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	12/09/91-06/01/92	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
01040	COPPER, DISSOLVED (UG/L AS CU)	12/09/91-06/01/92	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01043	COPPER IN BOTTOM DEPOSITS (MG/KG AS CU DRY WGT)	12/09/91-06/01/92	2	4.3	4.3	4.9	3.7	0.72	0.849	**	**	**	**
01046	IRON, DISSOLVED (UG/L AS FE)	06/01/92-06/01/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	12/09/91-06/01/92	2 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
01052	LEAD IN BOTTOM DEPOSITS (MG/KG AS PB DRY WGT)	12/09/91-06/01/92	2	7.1	7.1	8.7	5.5	5.12	2.263	**	**	**	**
01053	MANGANESE IN BOTTOM DEPOSITS (MG/KG AS MN DRY WGT)	12/09/91-06/01/92	2	259.5	259.5	277.	242.	612.5	24.749	**	**	**	**
01056	MANGANESE, DISSOLVED (UG/L AS MN)	06/01/92-06/01/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/01/92-06/01/92	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	12/09/91-06/01/92	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01068	NICKEL, TOTAL IN BOTTOM DEPOSITS (MG/KG,DRY WGT)	12/09/91-06/01/92	2	7.15	7.15	7.5	6.8	0.245	0.495	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	12/09/91-06/01/92	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01078	SILVER IN BOTTOM DEPOSITS (MG/KG AS AG DRY WGT)	12/09/91-06/01/92	2 ##	0.45	0.45	0.45	0.45	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	12/09/91-06/01/92	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
01093	ZINC IN BOTTOM DEPOSITS (MG/KG AS ZN DRY WGT)	12/09/91-06/01/92	2	33.5	33.5	35.	32.	4.5	2.121	**	**	**	**
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	06/01/92-06/01/92	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	12/09/91-06/01/92	2 ##	3.	3.	5.	1.	8.	2.828	**	**	**	**
01148	SELENIUM IN BOTTOM DEPOSITS (MG/KG AS SE DRY WGT)	12/09/91-06/01/92	2 ##	0.875	0.875	0.95	0.8	0.011	0.106	**	**	**	**
01149	SELENIUM, TOTAL IN FISH OR ANIMALS WET WGT MG/KG	08/12/92-08/12/92	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE, UG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE, UG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
31616	FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/09/91-07/25/94	9	67.	317.444	1400.	14.	285950.028	534.743	14.	27.	602.5	1400.
31616	LOG FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	12/09/91-07/25/94	9	1.826	1.945	3.146	1.146	0.503	0.709	1.146	1.406	2.531	3.146
31616	GM FECAL COLIFORM,MEMBR FILTER,M-FC BROTH,44.5 C	GEOMETRIC MEAN =			88.061								
32101	BROMODICHLOROMETHANE,WHOLE WATER,UG/L	12/09/91-06/01/92	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
32102	CARBON TETRACHLORIDE,WHOLE WATER,UG/L	12/09/91-06/01/92	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
32104	BROMOFORM,WHOLE WATER,UG/L	12/09/91-06/01/92	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
32106	CHLOROFORM,WHOLE WATER,UG/L	12/09/91-06/01/92	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/09/91-07/25/94	10	20.05	20.599	47.3	0.5	262.574	16.204	0.589	5.373	33.85	46.84
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	12/09/91-07/25/94	9	4.5	9.508	45.6	0.	225.701	15.023	0.	0.85	13.4	45.6
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/09/91-06/01/92	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.(UG/L)	12/09/91-06/01/92	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34200	ACENAPHTHYLENE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34203	ACENAPHTHYLENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34204	ACENAPHTHYLENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34205	ACENAPHTHENE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34208	ACENAPHTHENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34209	ACENAPHTHENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34215	ACRYLONITRILE TOTWUG/L	06/01/92-06/01/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34218	ACRYLONITRILE DRY WGTBOTUG/KG	06/01/92-06/01/92	1 ##	800.	800.	800.	800.	0.	0.	**	**	**	**
34220	ANTHRACENE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34223	ANTHRACENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34224	ANTHRACENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34230	BENZO(B)FLUORANTHENE,WHOLE WATER,UG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34233	BENZO(B)FLUORANTHENE,SEDIMENTS,DRY WGT,UG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34234	BENZO(B)FLUORANTHENE,TISSUE,WET WGT,MG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34237	BENZENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34238	BENZENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34242	BENZO(K)FLUORANTHENE, TOTAL, WATER UG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34245	BENZO(K)FLUORANTHENE, DRY WT, SEDIMENT UG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34246	BENZO(K)FLUORANTHENE, WET WT, TISSUE MG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34247	BENZO-A-PYRENE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34250	BENZO-A-PYRENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34251	BENZO-A-PYRENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34258	B-BHC-BETA WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34259	DELTA BENZENE HEXACHLORIDE TOTWUG/L	06/01/92-06/01/92	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
34263	DELTA BENZENE HEXACHLORIDE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34273	BIS (2-CHLOROETHYL) ETHER TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34276	BIS (2-CHLOROETHYL) ETHER DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34277	BIS (2-CHLOROETHYL) ETHER WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34278	BIS (2-CHLOROETHOXY) METHANE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34281	BIS (2-CHLOROETHOXY) METHANE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34282	BIS (2-CHLOROETHOXY) METHANE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34283	BIS (2-CHLOROISOPROPYL) ETHER TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34286	BIS (2-CHLOROISOPROPYL) ETHER DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34287	BIS (2-CHLOROISOPROPYL) ETHER WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34290	BROMOFORM DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34291	BROMOFORM WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34292	N-BUTYL BENZYL PHTHALATE,WHOLE WATER,UG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34295	N-BUTYL BENZYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34296	N-BUTYL BENZYL PHTHALATE,TISSUE,WET WGT,MG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34299	CARBON TETRACHLORIDE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34300	CARBON TETRACHLORIDE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34301	CHLOROBENZENE TOTWUG/L	12/09/91-06/01/92	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34304	CHLOROBENZENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34305	CHLOROBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34306	CHLORODIBROMOMETHANE TOTWUG/L	12/09/91-06/01/92	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34309	CHLORODIBROMOMETHANE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34310	CHLORODIBROMOMETHANE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34311	CHLOROETHANE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34314	CHLOROETHANE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	450.	450.	500.	400.	5000.	70.711	**	**	**	**
34315	CHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34318	CHLOROFORM DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34319	CHLOROFORM WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34320	CHRYSENE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34323	CHRYSENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34324	CHRYSENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34330	DICHLOROBROMOMETHANE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34331	DICHLOROBROMOMETHANE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34336	DIETHYL PHTHALATE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34339	DIETHYL PHTHALATE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34340	DIETHYL PHTHALATE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34341	DIMETHYL PHTHALATE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34344	DIMETHYL PHTHALATE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34345	DIMETHYL PHTHALATE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34346	1,2-DIPHENYLHYDRAZINE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34349	1,2-DIPHENYLHYDRAZINE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34351	ENDOSULFAN SULFATE TOTWUG/L	06/01/92-06/01/92	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
34354	ENDOSULFAN SULFATE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	1.375	1.375	1.5	1.25	0.031	0.177	**	**	**	**
34355	ENDOSULFAN SULFATE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.02	0.02	0.02	0.02	0.	0.	**	**	**	**
34371	ETHYLBENZENE TOTWUG/L	12/09/91-06/01/92	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34374	ETHYLBENZENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34375	ETHYLBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34376	FLUORANTHENE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34379	FLUORANTHENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34380	FLUORANTHENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34381	FLUORENE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34384	FLUORENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34385	FLUORENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34386	HEXACHLOROCYCLOPENTADIENE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34389	HEXACHLOROCYCLOPENTADIENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34390	HEXACHLOROCYCLOPENTADIENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34391	HEXACHLOROBUTADIENE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34395	HEXACHLOROBUTADIENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34396	HEXACHLOROETHANE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34399	HEXACHLOROETHANE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34400	HEXACHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34403	INDENO (1,2,3-CD) PYRENE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34406	INDENO (1,2,3-CD) PYRENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34407	INDENO (1,2,3-CD) PYRENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34408	ISOPHORONE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34411	ISOPHORONE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34412	ISOPHORONE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34423	METHYLENE CHLORIDE TOTWUG/L	12/09/91-06/01/92	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34426	METHYLENE CHLORIDE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34427	METHYLENE CHLORIDE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34428	N-NITROSODI-N-PROPYLAMINE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34431	N-NITROSODI-N-PROPYLAMINE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34432	N-NITROSODI-N-PROPYLAMINE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34433	N-NITROSODIPHENYLAMINE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34436	N-NITROSODIPHENYLAMINE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34437	N-NITROSODIPHENYLAMINE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34438	N-NITROSODIMETHYLAMINE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34441	N-NITROSODIMETHYLAMINE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34445	NAPHTHALENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34446	NAPHTHALENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34447	NITROBENZENE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34450	NITROBENZENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34451	NITROBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34452	PARACHLOROMETA CRESOL TOTWUG/L	12/09/91-06/01/92	2 ##	5.25	5.25	5.5	5.	0.125	0.354	**	**	**	**
34455	PARACHLOROMETA CRESOL DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	750.	750.	1000.	500.	125000.	353.553	**	**	**	**
34456	PARACHLOROMETA CRESOL WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**
34461	PHENANTHRENE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34464	PHENANTHRENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34465	PHENANTHRENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34468	PHENOL WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34469	PYRENE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34472	PYRENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34473	PYRENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34475	TETRACHLOROETHYLENE TOTWUG/L	12/09/91-06/01/92	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34478	TETRACHLOROETHYLENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34479	TETRACHLOROETHYLENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34483	TOLUENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34484	TOLUENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34487	TRICHLOROETHYLENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34495	VINYL CHLORIDE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	450.	450.	500.	400.	5000.	70.711	**	**	**	**
34496	1,1-DICHLOROETHANE TOTWUG/L	12/09/91-06/01/92	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34499	1,1-DICHLOROETHANE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34500	1,1-DICHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34501	1,1-DICHLOROETHYLENE TOTWUG/L	12/09/91-06/01/92	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34504	1,1-DICHLOROETHYLENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34505	1,1-DICHLOROETHYLENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34506	1,1,1-TRICHLOROETHANE TOTWUG/L	12/09/91-06/01/92	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34509	1,1,1-TRICHLOROETHANE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34510	1,1,1-TRICHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34511	1,1,2-TRICHLOROETHANE TOTWUG/L	12/09/91-06/01/92	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34514	1,1,2-TRICHLOROETHANE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34515	1,1,2-TRICHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34516	1,1,2,2-TETRACHLOROETHANE TOTWUG/L	12/09/91-06/01/92	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34519	1,1,2,2-TETRACHLOROETHANE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34520	1,1,2,2-TETRACHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34524	BENZO(GHI)PERYLENE1,12-BENZOPERYLENDRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34525	BENZO(GHI)PERYLENE1,12-BENZOPERYLENWET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34529	BENZO(A)ANTHRACENE1,2-BENZANTHRACENDRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34530	BENZO(A)ANTHRACENE1,2-BENZANTHRACENWET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34531	1,2-DICHLOROETHANE TOTWUG/L	12/09/91-06/01/92	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34534	1,2-DICHLOROETHANE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34535	1,2-DICHLOROETHANE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34536	1,2-DICHLOROBENZENE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34539	1,2-DICHLOROBENZENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34540	1,2-DICHLOROBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34541	1,2-DICHLOROPROPANE TOTWUG/L	12/09/91-06/01/92	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34544	1,2-DICHLOROPROPANE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34545	1,2-DICHLOROPROPANE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER UG/L	12/09/91-06/01/92	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34549	TRANS-1,2-DICHLOROETHENE, IN SED. DRY WT. UG/KG	12/09/91-06/01/92	2 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34550	TRANS-1,2-DICHLOROETHENE, IN TISSUE, WET WT. MG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34551	1,2,4-TRICHLOROBENZENE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34554	1,2,4-TRICHLOROBENZENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34555	1,2,4-TRICHLOROBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34556	1,2,5,6-DIBENZANTHRACENE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34559	1,2,5,6-DIBENZANTHRACENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34560	1,2,5,6-DIBENZANTHRACENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34566	1,3-DICHLOROBENZENE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34569	1,3-DICHLOROBENZENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34570	1,3-DICHLOROBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34571	1,4-DICHLOROBENZENE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34574	1,4-DICHLOROBENZENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34575	1,4-DICHLOROBENZENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34576	2-CHLOROETHYL VINYL ETHER TOTWUG/L	12/09/91-06/01/92	2 ##	5.5	5.5	10.	1.	40.5	6.364	**	**	**	**
34579	2-CHLOROETHYL VINYL ETHER DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	875.	875.	1550.	200.	911250.	954.594	**	**	**	**
34580	2-CHLOROETHYL VINYL ETHER WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34581	2-CHLORONAPHTHALENE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34584	2-CHLORONAPHTHALENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34585	2-CHLORONAPHTHALENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34586	2-CHLOROPHENOL TOTWUG/L	12/09/91-06/01/92	2 ##	5.25	5.25	5.5	5.	0.125	0.354	**	**	**	**
34589	2-CHLOROPHENOL DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	750.	750.	1000.	500.	125000.	353.553	**	**	**	**
34590	2-CHLOROPHENOL WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34591	2-NITROPHENOL TOTWUG/L	12/09/91-06/01/92	2 ##	5.25	5.25	5.5	5.	0.125	0.354	**	**	**	**
34594	2-NITROPHENOL DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	750.	750.	1000.	500.	125000.	353.553	**	**	**	**
34595	2-NITROPHENOL WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34596	DI-N-OCTYL PHTHALATE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34599	DI-N-OCTYL PHTHALATE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34600	DI-N-OCTYL PHTHALATE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34601	2,4-DICHLOROPHENOL TOTWUG/L	12/09/91-06/01/92	2 ##	5.25	5.25	5.5	5.	0.125	0.354	**	**	**	**
34604	2,4-DICHLOROPHENOL DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	750.	750.	1000.	500.	125000.	353.553	**	**	**	**
34605	2,4-DICHLOROPHENOL WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34606	2,4-DIMETHYLPHENOL TOTWUG/L	12/09/91-06/01/92	2 ##	5.25	5.25	5.5	5.	0.125	0.354	**	**	**	**
34609	2,4-DIMETHYLPHENOL DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	750.	750.	1000.	500.	125000.	353.553	**	**	**	**
34610	2,4-DIMETHYLPHENOL WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34611	2,4-DINITROTOLUENE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34614	2,4-DINITROTOLUENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34615	2,4-DINITROTOLUENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34616	2,4-DINITROPHENOL TOTWUG/L	12/09/91-06/01/92	2 ##	10.75	10.75	11.	10.5	0.125	0.354	**	**	**	**
34619	2,4-DINITROPHENOL DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
34620	2,4-DINITROPHENOL WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	1.65	1.65	1.65	1.65	0.	0.	**	**	**	**
34621	2,4,6-TRICHLOROPHENOL TOTWUG/L	12/09/91-06/01/92	2 ##	5.25	5.25	5.5	5.	0.125	0.354	**	**	**	**
34624	2,4,6-TRICHLOROPHENOL DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	750.	750.	1000.	500.	125000.	353.553	**	**	**	**
34625	2,4,6-TRICHLOROPHENOL WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34626	2,6-DINITROTOLUENE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34629	2,6-DINITROTOLUENE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34630	2,6-DINITROTOLUENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34631	3,3'-DICHLOROBENZIDINE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34634	3,3'-DICHLOROBENZIDINE DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34635	3,3'-DICHLOROBENZIDINE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.65	0.65	0.65	0.65	0.	0.	**	**	**	**
34636	4-BROMOPHENYL PHENYL ETHER TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34639	4-BROMOPHENYL PHENYL ETHER DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34640	4-BROMOPHENYL PHENYL ETHER WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34641	4-CHLOROPHENYL PHENYL ETHER TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34644	4-CHLOROPHENYL PHENYL ETHER DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
34645	4-CHLOROPHENYL PHENYL ETHER WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34646	4-NITROPHENOL TOTWUG/L	12/09/91-06/01/92	2 ##	10.75	10.75	11.	10.5	0.125	0.354	**	**	**	**
34649	4-NITROPHENOL DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
34650	4-NITROPHENOL WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	1.65	1.65	1.65	1.65	0.	0.	**	**	**	**
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL) TOTWUG/L	12/09/91-06/01/92	2 ##	10.75	10.75	11.	10.5	0.125	0.354	**	**	**	**
34660	DNOC (4,6-DINITRO-ORTHO-CRESOL) DRY WGTBOTUG/KG	12/09/91-06/01/92	2 ##	1500.	1500.	1500.	1500.	0.	0.	**	**	**	**
34661	DNOC (4,6-DINITRO-ORTHO-CRESOL) WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	1.65	1.65	1.65	1.65	0.	0.	**	**	**	**
34664	PCB - 1221 WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34667	PCB - 1232 WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34669	PCB - 1248 WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34670	PCB - 1260 WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34671	PCB - 1016 TOTWUG/L	06/01/92-06/01/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34674	PCB - 1016 WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34680	ALDRIN IN FISH TISSUE WET WEIGHT MG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34682	CHLORDANE(TECH MIX & METABS),TISSUEWET WGTT,MG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34683	DI-N-BUTYL PHTHALATE,TISSUE,WET WGTWET WGT	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
34685	ENDRIN WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34686	HEPTACHLOR EPOXIDE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
34687	HEPTACHLOR WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34689	PCB - 1242 WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34690	PCB - 1254 WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34691	TOXAPHENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.08	0.08	0.08	0.08	0.	0.	**	**	**	**
34692	TRICHLOROETHYLENE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34693	VINYL CHLORIDE WET WGTTISMG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTWUG/L	12/09/91-06/01/92	2 ##	5.25	5.25	5.5	5.	0.125	0.354	**	**	**	**
34695	PHENOL(C6H5OH)-SINGLE COMPOUND DRY WGTTUG/KG	12/09/91-06/01/92	2 ##	750.	750.	1000.	500.	125000.	353.553	**	**	**	**
34696	NAPHTHALENE TOTWUG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
34697	TRANS-1,3-DICHLOROPROPENE SEDIMENT DRY WGT UG/KG	12/09/91-06/01/92	2 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34698	TRANS-1,3-DICHLOROPROPENEFISH TISSUE WET WGT MG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34699	TRANS-1,3-DICHLOROPROPENETOTAL IN WATER UG/L	12/09/91-06/01/92	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34702	CIS-1,3-DICHLOROPROPENE SEDIMENT DRY WEIGHT UG/KG	12/09/91-06/01/92	2 ##	200.	200.	200.	200.	0.	0.	**	**	**	**
34703	CIS-1,3-DICHLOROPROPENE FISH TISSUE WET WGT MG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
34704	CIS-1,3-DICHLOROPROPENE TOTAL IN WATER UG/L	12/09/91-06/01/92	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE UG/L	12/09/91-06/01/92	2 ##	6.	6.	11.	1.	50.	7.071	**	**	**	**
39060	PCP (PENTACHLOROPHENOL) IN TISSUE WET WGT UG/G	08/12/92-08/12/92	1 ##	1.65	1.65	1.65	1.65	0.	0.	**	**	**	**
39061	PCP (PENTACHLOROPHENOL) IN BOT DEPOS DRY SOL UG/KG	12/09/91-06/01/92	2 ##	751.25	751.25	1500.	2.5	1121253.125	1058.892	**	**	**	**
39074	BHC-ALPHA ISOMER,TISSUE UG/G WET WGT	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39075	BHC- GAMMA ISOMER, TISSUE WET WGT (UG/G)	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39076	BHC-ALPHA ISOMER, BOTTOM DEPOS (UG/KG DRY SOL)	06/01/92-06/01/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39099	BIS(2-ETHYLHEXYL)PHTHALATE,TISSUE,WET WGT,MG/KG	08/12/92-08/12/92	1 ##	0.33	0.33	0.33	0.33	0.	0.	**	**	**	**
39100	BIS(2-ETHYLHEXYL) PHTHALATE,WHOLE WATER,UG/L	12/09/91-06/01/92	2 ##	2.25	2.25	2.5	2.	0.125	0.354	**	**	**	**
39102	BIS(2-ETHYLHEXYL) PHTHALATE,SEDIMENT,DRY WGT,UG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
39110	DI-N-BUTYL PHTHALATE,WHOLE WATER,UG/L	12/09/91-06/01/92	2 ##	2.75	2.75	3.	2.5	0.125	0.354	**	**	**	**
39112	DI-N-BUTYL PHTHALATE,SEDIMENTS,DRY WGT,UG/KG	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
39118	PENTACHLOROBENZENE IN SEDIMENT UG/KG	06/01/92-06/01/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39121	BENZIDINE IN BOTTOM DEPOS UG/KG DRY SOLIDS	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE-UG/L	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE-UG/L	12/09/91-06/01/92	2 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-06/01/92	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/01/92-06/01/92	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER SAMP	06/01/92-06/01/92	1 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER,UG/L	12/09/91-06/01/92	2 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
39351	CHLORDANE(TECH MIX&METABS),SEDIMENTS,DRY WGT,UG/KG	12/09/91-06/01/92	2 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39363	DDD IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-06/01/92	2 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39368	DDE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-06/01/92	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-06/01/92	2 ##	3.	3.	3.	3.	0.	0.	**	**	**	**
39376	DDT SUM ANALOGS INTISSUE WET WGT BASIS	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	2 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/09/91-06/01/92	2 ##	1.25	1.25	1.5	1.	0.125	0.354	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/09/91-06/01/92	2 ##	1500.625	1500.625	3000.	1.25	4496250.781	2120.436	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	2 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-06/01/92	2 ##	750.75	750.75	1500.	1.5	1122751.125	1059.6	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	12/09/91-06/01/92	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39406	DIELDRIN IN AQ ORGANISMS WT WGT BASIS (UG/G)	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	12/09/91-06/01/92	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	2 ##	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	12/09/91-06/01/92	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	2 ##	0.25	0.25	0.25	0.25	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	12/09/91-06/01/92	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE UG/L	06/01/92-06/01/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39491	PCB - 1221 BOT. DEP.,PCB SERIES DRY SOL UG/KG	06/01/92-06/01/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE UG/L	06/01/92-06/01/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39495	PCB - 1232 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	06/01/92-06/01/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE UG/L	06/01/92-06/01/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39499	PCB - 1242 BOT. DEP.,PCB-SERIES DRY SOL UG/KG	06/01/92-06/01/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE UG/L	06/01/92-06/01/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39503	PCB - 1248 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	06/01/92-06/01/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE UG/L	06/01/92-06/01/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39507	PCB - 1254 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	06/01/92-06/01/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE UG/L	06/01/92-06/01/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39511	PCB - 1260 IN BOTTOM DEPOS. DRY SOLIDS UG/KG	06/01/92-06/01/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39514	PCB - 1016 IN BOTTOM SEDIMENTS DRY WT UG/KG	06/01/92-06/01/92	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	12/09/91-12/09/91	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/09/91-12/09/91	1 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	2 ##	0.2	0.2	0.2	0.2	0.	0.	**	**	**	**
39531	MALATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	2 ##	0.125	0.125	0.125	0.125	0.	0.	**	**	**	**
39541	PARATHION IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-06/01/92	2 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39560	DEMETON IN WHOLE WATER SAMPLE (UG/L)	06/01/92-06/01/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39570	DIAZINON IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	2 ##	0.15	0.15	0.15	0.15	0.	0.	**	**	**	**
39571	DIAZINON IN BOT. DEPOS. (UG/KILOGRAM DRY SOLIDS)	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39580	GUTHION IN WHOLE WATER SAMPLE (UG/L)	06/01/92-06/01/92	1 ##	1.5	1.5	1.5	1.5	0.	0.	**	**	**	**
39581	GUTHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/01/92-06/01/92	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	2 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
39701	HEXACHLOROBENZENE IN BOT DEPOS (UG/KG DRY SOLIDS)	12/09/91-06/01/92	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39705	HEXACHLOROBUTADIENE BOT. DEPOS.(UG/KG DRY WGT)	12/09/91-06/01/92	2 ##	375.	375.	400.	350.	1250.	35.355	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	2 ##	10.	10.	10.	10.	0.	0.	**	**	**	**
39731	2,4-D IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/09/91-06/01/92	2 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	2 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39741	2,4,5-T IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/09/91-06/01/92	2 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39750	SEVIN IN WHOLE WATER SAMPLE (UG/L)	06/01/92-06/01/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	06/01/92-06/01/92	1 ##	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	06/01/92-06/01/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
39761	SILVEX IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/01/92-06/01/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39764	SILVEX (2,4,5-TP), TISSUE, WET WEIGHT MG/KG	08/12/92-08/12/92	1 ##	0.065	0.065	0.065	0.065	0.	0.	**	**	**	**
39780	DICOFOL IN WHOLE WATER SAMPLE (UG/L)	06/01/92-06/01/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	12/09/91-06/01/92	2 ##	0.015	0.015	0.015	0.015	0.	0.	**	**	**	**
39783	LINDANE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	12/09/91-06/01/92	2 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
45510	XYLENE SEDIMENT,DRY WGT,UG/KG	12/09/91-06/01/92	2 ##	350.	350.	500.	200.	45000.	212.132	**	**	**	**
45511	XYLENE TISSUE ,WET WGT,MG/KG	08/12/92-08/12/92	1 ##	0.	0.	0.	0.	0.	0.	**	**	**	**
46290	BETA BHC IN SOIL (NG/G DRY WGT)	12/09/91-06/01/92	2 ##	500.25	500.25	1000.	0.5	499500.125	706.753	**	**	**	**
46292	DELTA-BHC IN SOIL (NG/G DRY WGT)	12/09/91-06/01/92	2 ##	500.25	500.25	1000.	0.5	499500.125	706.753	**	**	**	**
70300	RESIDUE,TOTAL FILTRABLE (DRIED AT 180C),MG/L	04/12/94-07/25/94	2	980.	980.	1200.	760.	96800.	311.127	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	12/09/91-06/01/92	2 ##	0.15	0.15	0.2	0.1	0.005	0.071	**	**	**	**
71921	MERCURY,TOT. IN BOT. DEPOS. (MG/KG AS HG DRY WGT)	12/09/91-06/01/92	2	0.04	0.04	0.04	0.04	0.	0.	**	**	**	**
71930	MERCURY,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	08/12/92-08/12/92	1	0.27	0.27	0.27	0.27	0.	0.	**	**	**	**
71936	LEAD,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/12/92-08/12/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71937	COPPER,TOTAL IN FISH OR ANIMALS-WET WEIGHT BASIS	08/12/92-08/12/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71939	CHROMIUM,TOT IN FISH OR ANIMALS-WET WEIGHT BASIS	08/12/92-08/12/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
71940	CADMIUM,TOTAL IN FISH OR ANIMAL-WET WEIGHT BASIS	08/12/92-08/12/92	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
72053	DAYS SINCE PRECIPITATION EVENT DAYS	06/01/92-10/21/93	4	0.75	0.625	1.	0.	0.229	0.479	**	**	**	**
73120	HEXACHLOROPHENE, DRY WEIGHT, SEDIMENT UG/KG	06/01/92-06/01/92	1 ##	350.	350.	350.	350.	0.	0.	**	**	**	**
73159	N-NITROSO-DI-N-BUTYLAMINE, DRY WT, SEDIMENT UG/KG	06/01/92-06/01/92	1 ##	350.	350.	350.	350.	0.	0.	**	**	**	**
73609	1-BUTANAMINE, N-BUTYL-N-NITROSO- TOTWUG/L	06/01/92-06/01/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
73611	ETHANAMINE, N-ETHYL-N-NITROSO- TOTWUG/L	06/01/92-06/01/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
74069	FLOW, ESTIMATED STREAM CFS	12/09/91-07/25/94	9	306.	1173.778	7970.	15.	6595279.694	2568.128	15.	135.	755.	7970.
77045	PYRIDINE WHOLE WATER,UG/L	06/01/92-06/01/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77651	1,2-DIBROMOETHANE WHOLE WATER,UG/L	06/01/92-06/01/92	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
77687	2,4,5-TRICHLOROPHENOL WHOLE WATER,UG/L	06/01/92-06/01/92	1 ##	5.5	5.5	5.5	5.5	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0020

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
77734	1,2,4,5-TETRACHLOROBENZENE WHOLE WATER,UG/L	06/01/92-06/01/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
77793	PENTACHLOROBENZENE WHOLE WATER,UG/L	06/01/92-06/01/92	1 ##	0.01	0.01	0.01	0.01	0.	0.	**	**	**	**
78401	2,4,5-TRICHLOROPHENOL IN SEDIMENT,DRY WEIGHT,UG/KG	06/01/92-06/01/92	1 ##	500.	500.	500.	500.	0.	0.	**	**	**	**
79778	CRESOL UG/L	06/01/92-06/01/92	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
79799	DICOFOL (KELTHANE) SEDIMENT,DRY,WT,UG/KG	06/01/92-06/01/92	1 ##	25.	25.	25.	25.	0.	0.	**	**	**	**
79800	MIREX SEDIMENT,DRY,WT,UG/KG	06/01/92-06/01/92	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
81373	SOLIDS IN SEDIMENT SAMPLEPERCENT DRY WEIGHT (%)	06/01/92-06/01/92	1	75.6	75.6	75.6	75.6	0.	0.	**	**	**	**
81403	DURSBAN(CHLOROPYRIFOS)WHOLE WATER SAMPLE (UG/L)	06/01/92-06/01/92	1 ##	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
81404	DURSBAN,BOTTOM DEPOSITS,DRY WGT,UG/KG	06/01/92-06/01/92	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
81551	XYLENE WHL WATER SMPL UG/L	12/09/91-06/01/92	2 ##	2.	2.	3.	1.	2.	1.414	**	**	**	**
81614	NUMBER OF INDIVIDUALS IN THE SAMPLE	08/12/92-08/12/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81615	NUMBER OF DIFFERENT SPECIES IN THE SAMPLE	08/12/92-08/12/92	1	1.	1.	1.	1.	0.	0.	**	**	**	**
81644	METHOXYCHLOR IN FISH TISSUE,UG/G WET WEIGHT	08/12/92-08/12/92	1 ##	0.06	0.06	0.06	0.06	0.	0.	**	**	**	**
81759	ENDOSULFAN IN FISH TISSUE WET WEIGHT MG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
81818	SEVIN IN SEDIMENT DRY WEIGHT UG/KG	06/01/92-06/01/92	1 ##	100.	100.	100.	100.	0.	0.	**	**	**	**
81896	DDE TOTAL IN TISSUE WET WEIGHT MG/KG	08/12/92-08/12/92	1	0.03	0.03	0.03	0.03	0.	0.	**	**	**	**
81897	DDD TOTAL IN TISSUE WET WEIGHT MG/KG	08/12/92-08/12/92	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
81951	TOTAL ORGANIC CARBON(TOC)SEDIMENT DRY WEIGHT MG/KG	06/01/92-06/01/92	1	8000.	8000.	8000.	8000.	0.	0.	**	**	**	**
82400	DEMETON IN SEDIMENT (SYSTOX) DRY WEIGHT UG/KG	06/01/92-06/01/92	1 ##	40.	40.	40.	40.	0.	0.	**	**	**	**

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EPA Water Quality Criteria Analysis for Station: PAAL0020

				Total	Exceed	Prop.	----------10/01-11/30----------			----------12/01-3/31----------			----------4/01-9/30----------			----------n/a----------		
Parameter		Std. Type	Std. Value	Obs	Standard	Exceeding	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.	Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	13	0	0.00	2	0	0.00	3	0	0.00	8	0	0.00			
00400	PH	Fresh Chronic	9.	13	0	0.00	2	0	0.00	3	0	0.00	8	0	0.00			
		Other-Lo Lim.	6.5	13	0	0.00	2	0	0.00	3	0	0.00	8	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	10	0	0.00	2	0	0.00	3	0	0.00	5	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	10	0	0.00	2	0	0.00	3	0	0.00	5	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	10	0	0.00	2	0	0.00	3	0	0.00	5	0	0.00			
		Drinking Water	250.	10	1	0.10	2	0	0.00	3	0	0.00	5	1	0.20			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	10	8	0.80	2	1	0.50	3	3	1.00	5	4	0.80			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	50.	2	0	0.00				1	0	0.00	1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	1300.	2	0	0.00				1	0	0.00	1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	15.	2	0	0.00				1	0	0.00	1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	0 &	0	0.00												
		Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	5000.	2	0	0.00				1	0	0.00	1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	50.	2	0	0.00				1	0	0.00	1	0	0.00			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	9	2	0.22	1	1	1.00	3	0	0.00	5	1	0.20			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	1000.	2	0	0.00				1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: PAAL0020

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-9/30 Obs	4/01-9/30 Exceed	4/01-9/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	2	0	0.00				1	0	0.00	1	0	0.00			
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	1	0	0.00							1	0	0.00			
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
34306	CHLORODIBROMOMETHANE, TOTAL	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	2	0	0.00				1	0	0.00	1	0	0.00			
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	700.	2	0	0.00				1	0	0.00	1	0	0.00			
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	2	0	0.00				1	0	0.00	1	0	0.00			
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	50.	2	0	0.00				1	0	0.00	1	0	0.00			
34391	HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	2	0	0.00				1	0	0.00	1	0	0.00			
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	2	0	0.00				1	0	0.00	1	0	0.00			
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	2	0	0.00				1	0	0.00	1	0	0.00			
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	2	0	0.00				1	0	0.00	1	0	0.00			
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	2	0	0.00				1	0	0.00	1	0	0.00			
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	2	0	0.00				1	0	0.00	1	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	2	0	0.00				1	0	0.00	1	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	2	0	0.00				1	0	0.00	1	0	0.00			
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	2	0	0.00				1	0	0.00	1	0	0.00			
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	2	0	0.00				1	0	0.00	1	0	0.00			
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	2	0	0.00				1	0	0.00	1	0	0.00			
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	2	0	0.00				1	0	0.00	1	0	0.00			
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	2	0	0.00				1	0	0.00	1	0	0.00			
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	2	0	0.00				1	0	0.00	1	0	0.00			
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	2	0	0.00				1	0	0.00	1	0	0.00			
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	2	0	0.00				1	0	0.00	1	0	0.00			
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	2	0	0.00				1	0	0.00	1	0	0.00			
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	2	0	0.00				1	0	0.00	1	0	0.00			
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	1.	0 &	0	0.00												
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	6.	2	0	0.00				1	0	0.00	1	0	0.00			
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	0 &	0	0.00												
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	2	0	0.00				1	0	0.00	1	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	2.	2	0	0.00				1	0	0.00	1	0	0.00			
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	2	0	0.00				1	0	0.00	1	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	2	0	0.00				1	0	0.00	1	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	2	0	0.00				1	0	0.00	1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	2	0	0.00				1	0	0.00	1	0	0.00			
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	2	0	0.00				1	0	0.00	1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	2.	2	0	0.00				1	0	0.00	1	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	0 &	0	0.00												
		Drinking Water	3.	2	0	0.00				1	0	0.00	1	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	0.4	2	0	0.00				1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: PAAL0020

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------10/01-11/30---------- Obs	Exceed	Prop.	----------12/01-3/31---------- Obs	Exceed	Prop.	----------4/01-9/30---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	0.2	2	0	0.00				1	0	0.00	1	0	0.00			
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	2	0	0.00				1	0	0.00	1	0	0.00			
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	0 &	0	0.00												
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	1.	2	0	0.00				1	0	0.00	1	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	2	0	0.00				1	0	0.00	1	0	0.00			
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00							1	0	0.00			
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	0.2	2	0	0.00				1	0	0.00	1	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	2.	2	0	0.00				1	0	0.00	1	0	0.00			
77651	1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
77687	2,4,5-TRICHLOROPHENOL, WHOLE WATER	Fresh Acute	100.	1	0	0.00							1	0	0.00			
81403	DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMP	Fresh Acute	0.083	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

Station Inventory for Station: PAAL0021

NPS Station ID: PAAL0021 LAT/LON: 26.130670/ -97.642116 Agency: 11NPSWRD Date Created: 02/27/99
Location: RESACA DE LOS FRESNOS AT US HW 77 AT SAN BENITO FIPS State/County: 48061 TEXAS/CAMERON
Station Type: /TYPA/AMBNT/STREAM STORET Station ID(s): PAAL_USGS_HW77
RMI-Indexes: Within Park Boundary: No
RMI-Miles:
HUC: 12110208 Depth of Water: 0 Aquifer:
Major Basin: WESTERN GULF Elevation: 0 Water Body Id:
Minor Basin: RIO GRANDE LOWER BELOW PECOS RIVER ECO Region:
RF1 Index: 12110208 RF1 Mile Point: 0.000 Distance from RF1: 0.00 On/Off RF1:
RF3 Index: RF3 Mile Point: 0.00 Distance from RF3: 0.00 On/Off RF3:
Description:
THE STATION IS LOCATED ON THE HARLINGEN TEXAS 7.5 MINUTE SERIES (TOPOGRAPHIC) QUADRANGLE AND IS LOCATED OUTSIDE OF PALO ALTO BATTLEFIELD NATIONAL HISTORIC SITE. THE SITE (#7) IS LOCATED AT THE RESACA DE LOS FRESNOS AT US HIGHWAY 77 AT SAN BENITO. DATA ARE FROM USGS WATER RESOURCES INVESTIGATIONS REPORT 87-4277 "RECONNAISSANCE INVESTIGATION OF WATER QUALITY; BOTTOM SEDIMENT; AND BIOTA ASSOCIATED WITH IRRIGATION DRAINAGE IN THE LOWER RIO GRANDE VALLEY AND LAGUNA ATASCOSA NATIONAL WILDLIFE REFUGE; TEXAS; 1986-87" (WELLS; JACKSON AND ROGERS; 1988). FOR INFORMATION ABOUT THE HISTORIC SITE CONTACT NATURAL RESOURCES; PALO ALTO BATTLEFIELD NATIONAL HISTORIC SITE; 1623 CENTRAL BLVD #213; BROWNESVILLE TX 78520-8326; TEL(956)541-2785. DATA WERE PROCESSED AND UPLOADED TO STORET BY ARIA BRISSETTE; NATIONAL PARK SERVICE WATER RESOURCES DIVISION; 1201 OAK RIDGE DRIVE SUITE 250; FORT COLLINS CO 80525-5596; TEL(970)225-3516.

Parameter Inventory for Station: PAAL0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	06/26/86-06/26/86	1	31.	31.	31.	31.	0.	0.	**	**	**	**
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	06/26/86-06/26/86	1	1310.	1310.	1310.	1310.	0.	0.	**	**	**	**
00300	OXYGEN, DISSOLVED MG/L	06/26/86-06/26/86	1	6.9	6.9	6.9	6.9	0.	0.	**	**	**	**
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	06/26/86-06/26/86	1	92.	92.	92.	92.	0.	0.	**	**	**	**
00400	PH (STANDARD UNITS)	06/26/86-06/26/86	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	CONVERTED PH (STANDARD UNITS)	06/26/86-06/26/86	1	7.8	7.8	7.8	7.8	0.	0.	**	**	**	**
00400	MICRO EQUIVALENTS/LITER OF H+ COMPUTED FROM PH	06/26/86-06/26/86	1	0.016	0.016	0.016	0.016	0.	0.	**	**	**	**
01000	ARSENIC, DISSOLVED (UG/L AS AS)	06/26/86-06/26/86	1	3.	3.	3.	3.	0.	0.	**	**	**	**
01005	BARIUM, DISSOLVED (UG/L AS BA)	06/26/86-06/26/86	1	110.	110.	110.	110.	0.	0.	**	**	**	**
01020	BORON, DISSOLVED (UG/L AS B)	06/26/86-06/26/86	1	460.	460.	460.	460.	0.	0.	**	**	**	**
01025	CADMIUM, DISSOLVED (UG/L AS CD)	06/26/86-06/26/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	06/26/86-06/26/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01040	COPPER, DISSOLVED (UG/L AS CU)	06/26/86-06/26/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01049	LEAD, DISSOLVED (UG/L AS PB)	06/26/86-06/26/86	1 ##	2.5	2.5	2.5	2.5	0.	0.	**	**	**	**
01060	MOLYBDENUM, DISSOLVED (UG/L AS MO)	06/26/86-06/26/86	1	7.	7.	7.	7.	0.	0.	**	**	**	**
01065	NICKEL, DISSOLVED (UG/L AS NI)	06/26/86-06/26/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
01075	SILVER, DISSOLVED (UG/L AS AG)	06/26/86-06/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
01085	VANADIUM, DISSOLVED (UG/L AS V)	06/26/86-06/26/86	1	6.	6.	6.	6.	0.	0.	**	**	**	**
01090	ZINC, DISSOLVED (UG/L AS ZN)	06/26/86-06/26/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
01145	SELENIUM, DISSOLVED (UG/L AS SE)	06/26/86-06/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
09510	RADIUM 226, DISSOLVED, PLANCHET COUNT	06/26/86-06/26/86	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
22703	URANIUM, NATURAL, DISSOLVED	06/26/86-06/26/86	1	3.	3.	3.	3.	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
34802	ARSENIC,SED,BOT,DRY SIEVE,	06/26/86-06/26/86	1	9.4	9.4	9.4	9.4	0.	0.	**	**	**	**
34807	BARIUM,SED,BOT,	06/26/86-06/26/86	1	480.	480.	480.	480.	0.	0.	**	**	**	**
34812	BERYLLIUM,SED,BOT,DRY SIEVE,	06/26/86-06/26/86	1	1.	1.	1.	1.	0.	0.	**	**	**	**
34817	BISMUTH,SED,BOT,DRY SIEVE,	06/26/86-06/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
34827	CADMIUM,SED,BOT,	06/26/86-06/26/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34842	CHROMIUM,SED,BOT,	06/26/86-06/26/86	1	48.	48.	48.	48.	0.	0.	**	**	**	**
34847	COBALT,SED,BOT,	06/26/86-06/26/86	1	13.	13.	13.	13.	0.	0.	**	**	**	**
34852	COPPER,SED,BOT,	06/26/86-06/26/86	1	54.	54.	54.	54.	0.	0.	**	**	**	**
34857	EUROPIUM,SED,BOT,	06/26/86-06/26/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34862	GALLIUM,SED,BOT,	06/26/86-06/26/86	1	15.	15.	15.	15.	0.	0.	**	**	**	**
34872	GOLD,SED,BOT,	06/26/86-06/26/86	1 ##	4.	4.	4.	4.	0.	0.	**	**	**	**
34877	HOLMIUM,SED,BOT,	06/26/86-06/26/86	1 ##	2.	2.	2.	2.	0.	0.	**	**	**	**
34887	LANTHANUM,SED,BOT,	06/26/86-06/26/86	1	30.	30.	30.	30.	0.	0.	**	**	**	**
34892	LEAD,SED,BOT,	06/26/86-06/26/86	1	45.	45.	45.	45.	0.	0.	**	**	**	**
34897	LITHIUM,SED,BOT,	06/26/86-06/26/86	1	40.	40.	40.	40.	0.	0.	**	**	**	**
34907	MANGANESE,SED,BOT,	06/26/86-06/26/86	1	730.	730.	730.	730.	0.	0.	**	**	**	**
34917	MOLYBDENUM,SED,BOT,	06/26/86-06/26/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34922	NEODYMIUM,SED,BOT,	06/26/86-06/26/86	1	24.	24.	24.	24.	0.	0.	**	**	**	**
34927	NICKEL,SED,BOT,	06/26/86-06/26/86	1	21.	21.	21.	21.	0.	0.	**	**	**	**
34947	SCANDIUM,SED,BOT,	06/26/86-06/26/86	1	8.	8.	8.	8.	0.	0.	**	**	**	**
34952	SELENIUM,SED,BOT,	06/26/86-06/26/86	1	0.6	0.6	0.6	0.6	0.	0.	**	**	**	**
34957	SILVER,SED,BOT,	06/26/86-06/26/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
34967	STRONTIUM,SED,BOT,	06/26/86-06/26/86	1	470.	470.	470.	470.	0.	0.	**	**	**	**
34977	TANTALUM,SED,BOT,	06/26/86-06/26/86	1 ##	20.	20.	20.	20.	0.	0.	**	**	**	**
34982	THORIUM,SED,BOT,	06/26/86-06/26/86	1	10.	10.	10.	10.	0.	0.	**	**	**	**
34987	TIN,SED,BOT,	06/26/86-06/26/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
34992	TITANIUM,SED,BOT,	06/26/86-06/26/86	1	0.3	0.3	0.3	0.3	0.	0.	**	**	**	**
35002	URANIUM,SED,BOT,	06/26/86-06/26/86	1 ##	50.	50.	50.	50.	0.	0.	**	**	**	**
35007	VANADIUM,SED,BOT,	06/26/86-06/26/86	1	76.	76.	76.	76.	0.	0.	**	**	**	**
35012	YTTRIUM,SED,BOT,	06/26/86-06/26/86	1	21.	21.	21.	21.	0.	0.	**	**	**	**
35017	YTTERBIUM,SED,BOT,	06/26/86-06/26/86	1	2.	2.	2.	2.	0.	0.	**	**	**	**
35022	ZINC,SED,BOT,	06/26/86-06/26/86	1	130.	130.	130.	130.	0.	0.	**	**	**	**
38578	PROPAZINE, TOTAL, WATER UG/L	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39034	PERTHANE IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39054	SIMETRYNE IN WHOLE WATER (UG/L)	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39055	SIMAZINE IN WHOLE WATER (UG/L)	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39056	PROMETONE IN WHOLE WATER (UG/L)	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39057	PROMETRYNE IN WHOLE WATER (UG/L)	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39250	NAPTHALENES, POLYCHLORINATED (UG/L)	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39251	PCNS IN BOTTOM DEPOS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39311	P,P' DDD IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	1	9.7	9.7	9.7	9.7	0.	0.	**	**	**	**
39321	P,P' DDE IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	1	9.3	9.3	9.3	9.3	0.	0.	**	**	**	**
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39333	ALDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39340	GAMMA-BHC(LINDANE),WHOLE WATER,UG/L	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39343	GAMMA-BHC(LINDANE),SEDIMENTS,DRY WGT,UG/KG	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39373	DDT IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/26/86-06/26/86	1	7.3	7.3	7.3	7.3	0.	0.	**	**	**	**
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39383	DIELDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/26/86-06/26/86	1	0.1	0.1	0.1	0.1	0.	0.	**	**	**	**
39388	ENDOSULFAN IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39389	ENDOSULFAN IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39393	ENDRIN IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOLIDS)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39398	ETHION IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39399	ETHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39403	TOXAPHENE IN BOTTOM DEPOS. (UG/KILOGRAM DRY SOL.)	06/26/86-06/26/86	1 ##	5.	5.	5.	5.	0.	0.	**	**	**	**
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39413	HEPTACHLOR IN BOT. DEP. (UG/KILOGRAM DRY SOLIDS)	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

Parameter Inventory for Station: PAAL0021

Parameter		Period of Record	Obs	Median	Mean	Maximum	Minimum	Variance	Std. Dev.	10th	25th	75th	90th
39423	HEPTACHLOR EPOXIDE IN BOT. DEP. (UG/KG DRY SOL.)	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39481	METHOXYCHLOR IN BOTTOM DEPOSITS (UG/KG DRY SOL.)	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
39519	PCBS IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39720	PICLORAM IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39730	2,4-D IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39740	2,4,5-T IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39750	SEVIN IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	1.	1.	1.	1.	0.	0.	**	**	**	**
39755	MIREX, TOTAL (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39758	MIREX, BOTTOM MATERIAL (UG/KG DRY SOLIDS)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39760	SILVEX IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39786	TRITHION IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39787	TRITHION IN BOTTOM DEPOSITS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39790	METHYL TRITHION IN WHOLE WATER SAMPLE (UG/L)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
39791	METHYL TRITHION IN BOT DEPOS (UG/KG DRY SOLIDS)	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
61273	ALPHA RADIATION, DISSOLVED,GROSS,AS U NATURAL UG/L	06/26/86-06/26/86	1 ##	4.75	4.75	4.75	4.75	0.	0.	**	**	**	**
61274	CERIUM,SED,BOT,<63U,DRY SIEVE,LAB,TOTAL UG/G	06/26/86-06/26/86	1	57.	57.	57.	57.	0.	0.	**	**	**	**
61275	CHLORDANE IN WHOLE WATER SAMPLE,TOTAL UG/L	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
61276	CHLORDANE,TOTAL, IN BOTTOM MATERIAL UG/KG	06/26/86-06/26/86	1	4.	4.	4.	4.	0.	0.	**	**	**	**
71890	MERCURY, DISSOLVED (UG/L AS HG)	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81757	CYANAZINE IN THE WHOLE WATER SAMPLE UG/L	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**
81886	PERTHANE IN SEDIMENT DRY WEIGHT UG/KG	06/26/86-06/26/86	1 ##	0.5	0.5	0.5	0.5	0.	0.	**	**	**	**
82052	BANVEL (DICAMBA) WHOLE WATER,UG/L	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82183	2,4-DP (DICHLORPROP) TOTAL UG/L	06/26/86-06/26/86	1 ##	0.005	0.005	0.005	0.005	0.	0.	**	**	**	**
82184	AMETRYNE (GESAPAX OR EVIK) TOTAL UG/L	06/26/86-06/26/86	1 ##	0.05	0.05	0.05	0.05	0.	0.	**	**	**	**

** - Less than 9 observations ## - Computed with 50% or more of the total observations as values that were half the detection limit p - Has a corresponding time series plot

EPA Water Quality Criteria Analysis for Station: PAAL0021

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------10/01-11/30---------- Obs	Exceed	Prop.	----------12/01-3/31---------- Obs	Exceed	Prop.	----------4/01-9/30---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	1	0	0.00							1	0	0.00			
00400	PH	Fresh Chronic	9.	1	0	0.00							1	0	0.00			
		Other-Lo Lim.	6.5	1	0	0.00							1	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
01005	BARIUM, DISSOLVED	Drinking Water	2000.	1	0	0.00							1	0	0.00			
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	1	0	0.00							1	0	0.00			
		Drinking Water	5.	1	0	0.00							1	0	0.00			
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	1	0	0.00							1	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	1	0	0.00							1	0	0.00			
		Drinking Water	1300.	1	0	0.00							1	0	0.00			
01049	LEAD, DISSOLVED	Fresh Acute	82.	1	0	0.00							1	0	0.00			
		Drinking Water	15.	1	0	0.00							1	0	0.00			
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	1	0	0.00							1	0	0.00			
		Drinking Water	100.	1	0	0.00							1	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	1	0	0.00							1	0	0.00			
		Drinking Water	5000.	1	0	0.00							1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	1	0	0.00							1	0	0.00			
		Drinking Water	50.	1	0	0.00							1	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	1	0	0.00							1	0	0.00			
39055	SIMAZINE IN WHOLE WATER	Drinking Water	4.	1	0	0.00							1	0	0.00			
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	1	0	0.00							1	0	0.00			
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	1	0	0.00							1	0	0.00			
		Drinking Water	0.2	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Station: PAAL0021

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------10/01-11/30---------- Obs	Exceed	Prop.	----------12/01-3/31---------- Obs	Exceed	Prop.	----------4/01-9/30---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00							1	0	0.00			
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00							1	0	0.00			
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00							1	0	0.00			
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	1	0	0.00							1	0	0.00			
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	1	0	0.00							1	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	1	0	0.00							1	0	0.00			
		Drinking Water	3.	1	0	0.00							1	0	0.00			
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00							1	0	0.00			
		Drinking Water	0.4	1	0	0.00							1	0	0.00			
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	1	0	0.00							1	0	0.00			
		Drinking Water	0.2	1	0	0.00							1	0	0.00			
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	1	0	0.00							1	0	0.00			
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	1	0	0.00							1	0	0.00			
39720	PICLORAM IN WHOLE WATER SAMPLE	Drinking Water	500.	1	0	0.00							1	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	1	0	0.00							1	0	0.00			
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	1	0	0.00							1	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	1	0	0.00							1	0	0.00			
		Drinking Water	2.	1	0	0.00							1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire PAAL Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-9/30 Obs	4/01-9/30 Exceed	4/01-9/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
00070	TURBIDITY, JACKSON CANDLE UNITS	Other-Hi Lim.	50.	567	190	0.34	115	49	0.43	196	52	0.27	256	89	0.35			
00076	TURBIDITY, HACH TURBIDIMETER	Other-Hi Lim.	50.	147	32	0.22	28	9	0.32	49	8	0.16	70	15	0.21			
00300	OXYGEN, DISSOLVED	Other-Lo Lim.	4.	841	86	0.10	163	24	0.15	234	0	0.00	444	62	0.14			
00400	PH	Fresh Chronic	9.	730	8	0.01	133	1	0.01	247	4	0.02	350	3	0.01			
		Marine Chronic	8.5	212	7	0.03	60	0	0.00	32	3	0.09	120	4	0.03			
		Other-Lo Lim.	6.5	942	5	0.01	193	0	0.00	279	3	0.01	470	2	0.00			
00403	PH, LAB	Fresh Chronic	9.	258	0	0.00	40	0	0.00	84	0	0.00	134	0	0.00			
		Other-Lo Lim.	6.5	258	0	0.00	40	0	0.00	84	0	0.00	134	0	0.00			
00613	NITRITE NITROGEN, DISSOLVED AS N	Drinking Water	1.	70	0	0.00	12	0	0.00	21	0	0.00	37	0	0.00			
00615	NITRITE NITROGEN, TOTAL AS N	Drinking Water	1.	87	0	0.00	14	0	0.00	31	0	0.00	42	0	0.00			
00620	NITRATE NITROGEN, TOTAL AS N	Drinking Water	10.	177	0	0.00	24	0	0.00	65	0	0.00	88	0	0.00			
00630	NITRITE PLUS NITRATE, TOTAL 1 DET.	Drinking Water	10.	164	0	0.00	29	0	0.00	57	0	0.00	78	0	0.00			
00631	NITRITE PLUS NITRATE, DISS. 1 DET.	Drinking Water	10.	101	0	0.00	19	0	0.00	32	0	0.00	50	0	0.00			
00720	CYANIDE, TOTAL	Fresh Acute	0.022	7	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	0.2	7	0	0.00	2	0	0.00	3	0	0.00	2	0	0.00			
00940	CHLORIDE,TOTAL IN WATER	Fresh Acute	860.	795	0	0.00	145	0	0.00	265	0	0.00	385	0	0.00			
		Drinking Water	250.	795	172	0.22	145	30	0.21	265	70	0.26	385	72	0.19			
00941	CHLORIDE, DISSOLVED IN WATER	Fresh Acute	860.	69	0	0.00	11	0	0.00	27	0	0.00	31	0	0.00			
		Drinking Water	250.	69	7	0.10	11	1	0.09	27	4	0.15	31	2	0.06			
00945	SULFATE, TOTAL (AS SO4)	Drinking Water	250.	686	425	0.62	125	67	0.54	227	164	0.72	334	194	0.58			
00950	FLUORIDE, DISSOLVED AS F	Drinking Water	4.	210	0	0.00	45	0	0.00	68	0	0.00	97	0	0.00			
01000	ARSENIC, DISSOLVED	Fresh Acute	360.	103	0	0.00	21	0	0.00	26	0	0.00	56	0	0.00			
		Drinking Water	50.	103	0	0.00	21	0	0.00	26	0	0.00	56	0	0.00			
		Marine Acute	69.	2	0	0.00	2	0	0.00									
01001	ARSENIC, SUSPENDED	Fresh Acute	360.	14	0	0.00	3	0	0.00	4	0	0.00	7	0	0.00			
		Drinking Water	50.	14	0	0.00	3	0	0.00	4	0	0.00	7	0	0.00			
01002	ARSENIC, TOTAL	Fresh Acute	360.	24	0	0.00	3	0	0.00	6	0	0.00	15	0	0.00			
		Drinking Water	50.	24	0	0.00	3	0	0.00	6	0	0.00	15	0	0.00			
		Marine Acute	69.	1	0	0.00	1	0	0.00									
01005	BARIUM, DISSOLVED	Drinking Water	2000.	102	0	0.00	23	0	0.00	24	0	0.00	55	0	0.00			
01006	BARIUM, SUSPENDED	Drinking Water	2000.	14	0	0.00	3	0	0.00	5	0	0.00	6	0	0.00			
01007	BARIUM, TOTAL	Drinking Water	2000.	18	0	0.00	3	0	0.00	5	0	0.00	10	0	0.00			
01010	BERYLLIUM, DISSOLVED	Fresh Acute	130.	58	0	0.00	14	0	0.00	13	0	0.00	31	0	0.00			
		Drinking Water	4.	55 &	0	0.00	14	0	0.00	12	0	0.00	29	0	0.00			
01012	BERYLLIUM, TOTAL	Fresh Acute	130.	1	0	0.00							1	0	0.00			
		Drinking Water	4.	0 &	0	0.00												
01025	CADMIUM, DISSOLVED	Fresh Acute	3.9	94 &	0	0.00	17	0	0.00	25	0	0.00	52	0	0.00			
		Drinking Water	5.	96 &	0	0.00	18	0	0.00	25	0	0.00	53	0	0.00			
		Marine Acute	43.	2	0	0.00	2	0	0.00									
01026	CADMIUM, SUSPENDED	Fresh Acute	3.9	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
		Drinking Water	5.	6	0	0.00	1	0	0.00	3	0	0.00	2	0	0.00			
01027	CADMIUM, TOTAL	Fresh Acute	3.9	19 &	0	0.00	3	0	0.00	5	0	0.00	11	0	0.00			
		Drinking Water	5.	19 &	0	0.00	3	0	0.00	5	0	0.00	11	0	0.00			
		Marine Acute	43.	1	0	0.00	1	0	0.00									
01030	CHROMIUM, DISSOLVED	Drinking Water	100.	100 &	0	0.00	20	0	0.00	26	0	0.00	54	0	0.00			
01031	CHROMIUM, SUSPENDED	Drinking Water	100.	14	0	0.00	3	0	0.00	5	0	0.00	6	0	0.00			
01032	CHROMIUM, HEXAVALENT	Fresh Acute	16.	2	2	1.00							2	2	1.00			
		Drinking Water	100.	2	2	1.00							2	2	1.00			
01034	CHROMIUM, TOTAL	Drinking Water	100.	24	0	0.00	3	0	0.00	6	0	0.00	15	0	0.00			
01040	COPPER, DISSOLVED	Fresh Acute	18.	103 &	0	0.00	21	0	0.00	26	0	0.00	56	0	0.00			
		Drinking Water	1300.	104	0	0.00	21	0	0.00	27	0	0.00	56	0	0.00			
		Marine Acute	2.9	2	2	1.00	2	2	1.00									
01041	COPPER, SUSPENDED	Fresh Acute	18.	15	3	0.20	3	1	0.33	5	0	0.00	7	2	0.29			
		Drinking Water	1300.	15	0	0.00	3	0	0.00	5	0	0.00	7	0	0.00			
01042	COPPER, TOTAL	Fresh Acute	18.	26	6	0.23	3	1	0.33	6	0	0.00	17	5	0.29			
		Drinking Water	1300.	26	0	0.00	3	0	0.00	6	0	0.00	17	0	0.00			
		Marine Acute	2.9	1	1	1.00	1	1	1.00									
01049	LEAD, DISSOLVED	Fresh Acute	82.	103 &	0	0.00	21	0	0.00	26	0	0.00	56	0	0.00			
		Drinking Water	15.	96 &	1	0.01	18	0	0.00	25	1	0.04	53	0	0.00			
		Marine Acute	220.	2	0	0.00	2	0	0.00									
01050	LEAD, SUSPENDED	Fresh Acute	82.	14	0	0.00	3	0	0.00	5	0	0.00	6	0	0.00			
		Drinking Water	15.	14	2	0.14	3	0	0.00	5	1	0.20	6	1	0.17			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire PAAL Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-9/30 Obs	4/01-9/30 Exceed	4/01-9/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
01051	LEAD, TOTAL	Fresh Acute	82.	20 &	0	0.00	3	0	0.00	5	0	0.00	12	0	0.00			
		Drinking Water	15.	20 &	2	0.10	3	0	0.00	5	1	0.20	12	1	0.08			
		Marine Acute	220.	1	0	0.00	1	0	0.00									
01057	THALLIUM, DISSOLVED	Fresh Acute	1400.	1	0	0.00				1	0	0.00						
		Drinking Water	2.	1	0	0.00				1	0	0.00						
01059	THALLIUM, TOTAL	Fresh Acute	1400.	1	0	0.00							1	0	0.00			
		Drinking Water	2.	0 &	0	0.00												
01065	NICKEL, DISSOLVED	Fresh Acute	1400.	116	0	0.00	25	0	0.00	30	0	0.00	61	0	0.00			
		Drinking Water	100.	115 &	0	0.00	25	0	0.00	29	0	0.00	61	0	0.00			
		Marine Acute	75.	2	0	0.00	2	0	0.00									
01066	NICKEL, SUSPENDED	Fresh Acute	1400.	10	0	0.00	2	0	0.00	3	0	0.00	5	0	0.00			
		Drinking Water	100.	10	0	0.00	2	0	0.00	3	0	0.00	5	0	0.00			
01067	NICKEL, TOTAL	Fresh Acute	1400.	15	0	0.00	3	0	0.00	3	0	0.00	9	0	0.00			
		Drinking Water	100.	15	2	0.13	3	0	0.00	3	0	0.00	9	2	0.22			
01075	SILVER, DISSOLVED	Fresh Acute	4.1	109 &	0	0.00	23	0	0.00	27	0	0.00	59	0	0.00			
		Drinking Water	100.	115	0	0.00	24	0	0.00	30	0	0.00	61	0	0.00			
01076	SILVER, SUSPENDED	Fresh Acute	4.1	11	0	0.00	2	0	0.00	4	0	0.00	5	0	0.00			
		Drinking Water	100.	11	0	0.00	2	0	0.00	4	0	0.00	5	0	0.00			
01077	SILVER, TOTAL	Fresh Acute	4.1	19 &	2	0.11	3	0	0.00	6	0	0.00	10	2	0.20			
		Drinking Water	100.	21	0	0.00	3	0	0.00	6	0	0.00	12	0	0.00			
01090	ZINC, DISSOLVED	Fresh Acute	120.	104	0	0.00	21	0	0.00	27	0	0.00	56	0	0.00			
		Drinking Water	5000.	104	0	0.00	21	0	0.00	27	0	0.00	56	0	0.00			
		Marine Acute	95.	2	0	0.00	2	0	0.00									
01091	ZINC, SUSPENDED	Fresh Acute	120.	10	0	0.00	2	0	0.00	3	0	0.00	5	0	0.00			
		Drinking Water	5000.	10	0	0.00	2	0	0.00	3	0	0.00	5	0	0.00			
01092	ZINC, TOTAL	Fresh Acute	120.	26	1	0.04	3	0	0.00	6	0	0.00	17	1	0.06			
		Drinking Water	5000.	26	0	0.00	3	0	0.00	6	0	0.00	17	0	0.00			
		Marine Acute	95.	1	0	0.00	1	0	0.00									
01095	ANTIMONY, DISSOLVED	Fresh Acute	88.	12	0	0.00	1	0	0.00	3	0	0.00	8	0	0.00			
		Drinking Water	6.	12	0	0.00	1	0	0.00	3	0	0.00	8	0	0.00			
01097	ANTIMONY, TOTAL	Fresh Acute	88.	1	0	0.00							1	0	0.00			
		Drinking Water	6.	1	0	0.00							1	0	0.00			
01145	SELENIUM, DISSOLVED	Fresh Acute	20.	110 &	0	0.00	21	0	0.00	30	0	0.00	59	0	0.00			
		Drinking Water	50.	111	0	0.00	22	0	0.00	30	0	0.00	59	0	0.00			
01146	SELENIUM, SUSPENDED	Fresh Acute	20.	11	0	0.00	2	0	0.00	4	0	0.00	5	0	0.00			
		Drinking Water	50.	11	0	0.00	2	0	0.00	4	0	0.00	5	0	0.00			
01147	SELENIUM, TOTAL	Fresh Acute	20.	27	0	0.00	3	0	0.00	6	0	0.00	18	0	0.00			
		Drinking Water	50.	27	0	0.00	3	0	0.00	6	0	0.00	18	0	0.00			
01220	CHROMIUM, HEXAVALENT, DISSOLVED	Fresh Acute	16.	1	0	0.00	1	0	0.00									
		Drinking Water	100.	1	0	0.00	1	0	0.00									
04035	SIMAZINE, DISSOLVED, WATER, TOTAL RECOVE	Drinking Water	4.	11	0	0.00	1	0	0.00	2	0	0.00	8	0	0.00			
13501	STRONTIUM 90, TOTAL	Drinking Water	8.	14	0	0.00	3	0	0.00	4	0	0.00	7	0	0.00			
22703	URANIUM, NATURAL DISSOLVED	Drinking Water	20.	13	0	0.00	1	0	0.00	2	0	0.00	10	0	0.00			
30191	DINOSEB, WATER, WHOLE RECOVERABLE	Drinking Water	7.	1	0	0.00				1	0	0.00						
31501	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	Other-Hi Lim.	1000.	51	40	0.78	8	6	0.75	15	13	0.87	28	21	0.75			
31503	COLIFORM,TOT,MEMBRANE FILTR,DELAY. M-END	Other-Hi Lim.	1000.	461	128	0.28	75	21	0.28	163	26	0.16	223	81	0.36			
31505	COLIFORM, TOTAL, MPN, CONF. TEST, 35C	Other-Hi Lim.	1000.	7	3	0.43				1	0	0.00	6	3	0.50			
31616	FECAL COLIFORM, MEMBRANE FILTER, BROTH	Other-Hi Lim.	200.	239	136	0.57	41	20	0.49	83	38	0.46	115	78	0.68			
31625	FECAL COLIFORM, MF	Other-Hi Lim.	200.	165	110	0.67	28	20	0.71	55	30	0.55	82	60	0.73			
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT	Fresh Acute	28900.	41	0	0.00	8	0	0.00	12	0	0.00	21	0	0.00			
		Drinking Water	100.	41	39	0.95	8	7	0.88	12	12	1.00	21	20	0.95			
32005	CARBON CHLOROFORM EXTRACTABLES	Fresh Acute	28900.	41	0	0.00	8	0	0.00	12	0	0.00	21	0	0.00			
		Drinking Water	100.	41	5	0.12	8	1	0.13	12	0	0.00	21	4	0.19			
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLU	Fresh Acute	28900.	14	0	0.00	4	0	0.00	3	0	0.00	7	0	0.00			
		Drinking Water	100.	14	0	0.00	4	0	0.00	3	0	0.00	7	0	0.00			
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBL	Fresh Acute	28900.	14	0	0.00	4	0	0.00	3	0	0.00	7	0	0.00			
		Drinking Water	100.	14	0	0.00	4	0	0.00	3	0	0.00	7	0	0.00			
32101	BROMODICHLOROMETHANE, WHOLE WATER	Drinking Water	100.	21	0	0.00	3	0	0.00	9	0	0.00	9	0	0.00			
32102	CARBON TETRACHLORIDE, WHOLE WATER	Fresh Acute	35200.	21	0	0.00	3	0	0.00	9	0	0.00	9	0	0.00			
		Drinking Water	5.	21	0	0.00	3	0	0.00	9	0	0.00	9	0	0.00			
32103	1,2-DICHLOROETHANE,WHOLE WATER	Fresh Acute	118000.	2	0	0.00				1	0	0.00	1	0	0.00			
		Drinking Water	5.	2	0	0.00				1	0	0.00	1	0	0.00			

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

EPA Water Quality Criteria Analysis for Entire PAAL Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-9/30 Obs	4/01-9/30 Exceed	4/01-9/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
32104	BROMOFORM, WHOLE WATER	Drinking Water	100.	21	0	0.00	3	0	0.00	9	0	0.00	9	0	0.00			
32105	DIBROMOCHLOROMETHANE, WHOLE WATER	Drinking Water	100.	2	0	0.00				1	0	0.00	1	0	0.00			
32106	CHLOROFORM, WHOLE WATER	Fresh Acute	28900.	21	0	0.00	3	0	0.00	9	0	0.00	9	0	0.00			
		Drinking Water	100.	21	0	0.00	3	0	0.00	9	0	0.00	9	0	0.00			
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE E	Fresh Acute	17500.	21	0	0.00	3	0	0.00	9	0	0.00	9	0	0.00			
		Drinking Water	1000.	21	0	0.00	3	0	0.00	9	0	0.00	9	0	0.00			
34205	ACENAPHTHENE, TOTAL	Fresh Acute	1700.	19	0	0.00	3	0	0.00	8	0	0.00	8	0	0.00			
34210	ACROLEIN, TOTAL	Fresh Acute	68.	0 &	0	0.00												
34215	ACRYLONITRILE, TOTAL	Fresh Acute	7550.	18	0	0.00	3	0	0.00	6	0	0.00	9	0	0.00			
34301	CHLOROBENZENE, TOTAL	Drinking Water	100.	21	0	0.00	3	0	0.00	9	0	0.00	9	0	0.00			
34306	CHLORODIBROMOMETHANE, TOTAL	Drinking Water	100.	19	0	0.00	3	0	0.00	8	0	0.00	8	0	0.00			
34346	1,2-DIPHENYLHYDRAZINE, TOTAL	Fresh Acute	270.	17	0	0.00	3	0	0.00	7	0	0.00	7	0	0.00			
34356	ENDOSULFAN, BETA, TOTAL	Fresh Acute	0.22	2	0	0.00				1	0	0.00	1	0	0.00			
34361	ENDOSULFAN, ALPHA, TOTAL	Fresh Acute	0.22	2	0	0.00				1	0	0.00	1	0	0.00			
34371	ETHYLBENZENE, TOTAL	Fresh Acute	32000.	21	0	0.00	3	0	0.00	9	0	0.00	9	0	0.00			
		Drinking Water	700.	21	0	0.00	3	0	0.00	9	0	0.00	9	0	0.00			
34376	FLUORANTHENE, TOTAL	Fresh Acute	3980.	20	0	0.00	4	0	0.00	8	0	0.00	8	0	0.00			
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL	Fresh Acute	7.	17 &	0	0.00	4	0	0.00	6	0	0.00	7	0	0.00			
		Drinking Water	50.	20	0	0.00	4	0	0.00	8	0	0.00	8	0	0.00			
34391	HEXACHLOROBUTADIENE, TOTAL	Fresh Acute	90.	19	0	0.00	4	0	0.00	8	0	0.00	7	0	0.00			
34396	HEXACHLOROETHANE, TOTAL	Fresh Acute	980.	20	0	0.00	4	0	0.00	8	0	0.00	8	0	0.00			
34403	IDENO (1,2,3-CD) PYRENE	Drinking Water	0.4	0 &	0	0.00												
34408	ISOPHORONE, TOTAL	Fresh Acute	117000.	19	0	0.00	4	0	0.00	8	0	0.00	7	0	0.00			
34423	METHYLENE CHLORIDE, TOTAL	Drinking Water	5.	21	0	0.00	3	0	0.00	9	0	0.00	9	0	0.00			
34447	NITROBENZENE, TOTAL	Fresh Acute	27000.	20	0	0.00	4	0	0.00	8	0	0.00	8	0	0.00			
34452	PARACHLOROMETA CRESOL, TOTAL	Fresh Acute	30.	13	0	0.00	1	0	0.00	6	0	0.00	6	0	0.00			
34461	PHENANTHRENE, TOTAL	Fresh Acute	30.	19	0	0.00	4	0	0.00	7	0	0.00	8	0	0.00			
34475	TETRACHLOROETHYLENE, TOTAL	Fresh Acute	5280.	21	0	0.00	3	0	0.00	9	0	0.00	9	0	0.00			
		Drinking Water	5.	21	0	0.00	3	0	0.00	9	0	0.00	9	0	0.00			
34501	1,1-DICHLOROETHYLENE, TOTAL	Drinking Water	7.	19	0	0.00	3	0	0.00	9	0	0.00	7	0	0.00			
34506	1,1,1-TRICHLOROETHANE, TOTAL	Drinking Water	200.	21	0	0.00	3	0	0.00	9	0	0.00	9	0	0.00			
34511	1,1,2-TRICHLOROETHANE, TOTAL	Drinking Water	5.	20	0	0.00	3	0	0.00	9	0	0.00	8	0	0.00			
34531	1,2-DICHLOROETHANE, TOTAL	Fresh Acute	118000.	19	0	0.00	3	0	0.00	8	0	0.00	8	0	0.00			
		Drinking Water	5.	19	0	0.00	3	0	0.00	8	0	0.00	8	0	0.00			
34536	1,2-DICHLOROBENZENE, TOTAL	Drinking Water	600.	20	0	0.00	4	0	0.00	8	0	0.00	8	0	0.00			
34541	1,2-DICHLOROPROPANE, TOTAL	Drinking Water	5.	21	0	0.00	3	0	0.00	9	0	0.00	9	0	0.00			
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATE	Drinking Water	100.	20	0	0.00	3	0	0.00	8	0	0.00	9	0	0.00			
34551	1,2,4-TRICHLOROBENZENE, TOTAL	Drinking Water	70.	19	0	0.00	4	0	0.00	8	0	0.00	7	0	0.00			
34566	1,3-DICHLOROBENZENE, TOTAL	Drinking Water	600.	20	0	0.00	4	0	0.00	8	0	0.00	8	0	0.00			
34571	1,4-DICHLOROBENZENE, TOTAL	Drinking Water	75.	21	0	0.00	4	0	0.00	8	0	0.00	9	0	0.00			
34586	2-CHLOROPHENOL, TOTAL	Fresh Acute	4380.	20	0	0.00	4	0	0.00	8	0	0.00	8	0	0.00			
34601	2,4-DICHLOROPHENOL, TOTAL	Fresh Acute	2020.	20	0	0.00	4	0	0.00	8	0	0.00	8	0	0.00			
34606	2,4-DIMETHYLPHENOL, TOTAL	Fresh Acute	2120.	19	0	0.00	4	0	0.00	8	0	0.00	7	0	0.00			
34611	2,4-DINITROTOLUENE, TOTAL	Fresh Acute	330.	19	0	0.00	4	0	0.00	8	0	0.00	7	0	0.00			
34653	P,P'-DDE, DISSOLVED	Fresh Acute	1050.	11	0	0.00	1	0	0.00	2	0	0.00	8	0	0.00			
34694	PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	Fresh Acute	10200.	20	0	0.00	4	0	0.00	8	0	0.00	8	0	0.00			
34696	NAPHTHALENE, TOTAL	Fresh Acute	2300.	20	0	0.00	4	0	0.00	8	0	0.00	8	0	0.00			
38437	DIBROMOCHLOROPROPANE, WATER, TOTAL	Drinking Water	0.2	0 &	0	0.00												
38933	CHLORPYRIFOS, DISSOLVED	Fresh Acute	0.083	10	0	0.00	1	0	0.00	2	0	0.00	7	0	0.00			
39025	SIMAZINE, COULSON CONDUCTIVITY WATER SAM	Drinking Water	4.	5	0	0.00	1	0	0.00	1	0	0.00	3	0	0.00			
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMP	Fresh Acute	20.	19 &	0	0.00	3	0	0.00	8	0	0.00	8	0	0.00			
		Drinking Water	1.	0 &	0	0.00												
39055	SIMAZINE IN WHOLE WATER	Drinking Water	4.	3	0	0.00				1	0	0.00	2	0	0.00			
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	Fresh Acute	2000.	20	0	0.00	4	0	0.00	8	0	0.00	8	0	0.00			
		Drinking Water	6.	18 &	1	0.06	3	0	0.00	8	1	0.13	7	0	0.00			
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE	Drinking Water	2.	2 &	0	0.00							2	0	0.00			
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE	Fresh Acute	45000.	21	0	0.00	3	0	0.00	9	0	0.00	9	0	0.00			
		Drinking Water	5.	21	0	0.00	3	0	0.00	9	0	0.00	9	0	0.00			
39300	P,P' DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	1	0	0.00				1	0	0.00						
39310	P,P' DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	1	0	0.00				1	0	0.00						
39320	P,P' DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	1	0	0.00				1	0	0.00						

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EPA Water Quality Criteria Analysis for Entire PAAL Study Area

Parameter		Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	10/01-11/30 Obs	10/01-11/30 Exceed	10/01-11/30 Prop.	12/01-3/31 Obs	12/01-3/31 Exceed	12/01-3/31 Prop.	4/01-9/30 Obs	4/01-9/30 Exceed	4/01-9/30 Prop.	n/a Obs	n/a Exceed	n/a Prop.
39330	ALDRIN IN WHOLE WATER SAMPLE	Fresh Acute	3.	48	0	0.00	7	0	0.00	13	0	0.00	28	0	0.00			
		Marine Acute	1.3	1	0	0.00	1	0	0.00									
39340	GAMMA-BHC(LINDANE), WHOLE WATER	Fresh Acute	2.	28	0	0.00	3	0	0.00	5	0	0.00	20	0	0.00			
		Drinking Water	0.2	28	0	0.00	3	0	0.00	5	0	0.00	20	0	0.00			
		Marine Acute	0.16	1	0	0.00	1	0	0.00									
39341	GAMMA-BHC(LINDANE), DISSOLVED	Fresh Acute	2.	11	0	0.00	1	0	0.00	2	0	0.00	8	0	0.00			
		Drinking Water	0.2	11	0	0.00	1	0	0.00	2	0	0.00	8	0	0.00			
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATE	Fresh Acute	2.4	34	0	0.00	6	0	0.00	11	0	0.00	17	0	0.00			
		Drinking Water	2.	34	0	0.00	6	0	0.00	11	0	0.00	17	0	0.00			
		Marine Acute	0.09	1	0	0.00	1	0	0.00									
39360	DDD IN WHOLE WATER SAMPLE	Fresh Acute	0.6	46	0	0.00	7	0	0.00	12	0	0.00	27	0	0.00			
		Marine Acute	3.6	1	0	0.00	1	0	0.00									
39365	DDE IN WHOLE WATER SAMPLE	Fresh Acute	1050.	44	0	0.00	7	0	0.00	11	0	0.00	26	0	0.00			
		Marine Acute	14.	1	0	0.00	1	0	0.00									
39370	DDT IN WHOLE WATER SAMPLE	Fresh Acute	1.1	45	0	0.00	7	0	0.00	12	0	0.00	26	0	0.00			
		Marine Acute	0.13	1	0	0.00	1	0	0.00									
39380	DIELDRIN IN WHOLE WATER SAMPLE	Fresh Acute	2.5	48	0	0.00	7	0	0.00	13	0	0.00	28	0	0.00			
		Marine Acute	0.71	1	0	0.00	1	0	0.00									
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	2.5	11	0	0.00	1	0	0.00	2	0	0.00	8	0	0.00			
39388	ENDOSULFAN IN WHOLE WATER SAMPLE	Fresh Acute	0.22	22	0	0.00	4	0	0.00	8	0	0.00	10	0	0.00			
39390	ENDRIN IN WHOLE WATER SAMPLE	Fresh Acute	0.18	48	0	0.00	7	0	0.00	13	0	0.00	28	0	0.00			
		Drinking Water	2.	48	0	0.00	7	0	0.00	13	0	0.00	28	0	0.00			
		Marine Acute	0.037	1	0	0.00	1	0	0.00									
39400	TOXAPHENE IN WHOLE WATER SAMPLE	Fresh Acute	0.73	20 &	0	0.00	2	0	0.00	5	0	0.00	13	0	0.00			
		Drinking Water	3.	35	0	0.00	6	0	0.00	11	0	0.00	18	0	0.00			
		Marine Acute	0.21	1	0	0.00	1	0	0.00									
39410	HEPTACHLOR IN WHOLE WATER SAMPLE	Fresh Acute	0.52	48	0	0.00	7	0	0.00	13	0	0.00	28	0	0.00			
		Drinking Water	0.4	48	0	0.00	7	0	0.00	13	0	0.00	28	0	0.00			
		Marine Acute	0.053	1	0	0.00	1	0	0.00									
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	Fresh Acute	0.52	47	0	0.00	7	0	0.00	13	0	0.00	27	0	0.00			
		Drinking Water	0.2	45 &	0	0.00	7	0	0.00	13	0	0.00	25	0	0.00			
		Marine Acute	0.053	1	0	0.00	1	0	0.00									
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE	Drinking Water	40.	35	0	0.00	6	0	0.00	11	0	0.00	18	0	0.00			
39540	PARATHION IN WHOLE WATER SAMPLE	Fresh Acute	0.065	17 &	0	0.00	3	0	0.00	3	0	0.00	11	0	0.00			
39542	PARATHION IN FILT. FRAC. OF WATER SAMPLE	Fresh Acute	0.065	11	0	0.00	1	0	0.00	2	0	0.00	8	0	0.00			
39630	ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	Drinking Water	3.	8	0	0.00	2	0	0.00	2	0	0.00	4	0	0.00			
39632	ATRAZINE DISSOLVED IN WATER	Drinking Water	3.	11	0	0.00	1	0	0.00	2	0	0.00	8	0	0.00			
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	Fresh Acute	6.	19	0	0.00	4	0	0.00	8	0	0.00	7	0	0.00			
		Drinking Water	1.	10 &	0	0.00	1	0	0.00	6	0	0.00	3	0	0.00			
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPL	Fresh Acute	90.	1	0	0.00							1	0	0.00			
39720	PICLORAM IN WHOLE WATER SAMPLE	Drinking Water	500.	3	0	0.00				1	0	0.00	2	0	0.00			
39730	2,4-D IN WHOLE WATER SAMPLE	Drinking Water	70.	31	0	0.00	6	0	0.00	10	0	0.00	15	0	0.00			
39760	SILVEX IN WHOLE WATER SAMPLE	Drinking Water	50.	28	0	0.00	6	0	0.00	7	0	0.00	15	0	0.00			
39782	LINDANE IN WHOLE WATER SAMPLE	Fresh Acute	2.	19	0	0.00	4	0	0.00	8	0	0.00	7	0	0.00			
		Drinking Water	0.2	19	0	0.00	4	0	0.00	8	0	0.00	7	0	0.00			
46342	ALACHLOR (LASSO), WATER, DISSOLVED	Drinking Water	2.	11	0	0.00	1	0	0.00	2	0	0.00	8	0	0.00			
50060	CHLORINE, TOTAL RESIDUAL	Fresh Acute	0.019	1	0	0.00				1	0	0.00						
71851	NITRATE NITROGEN, DISSOLVED (AS NO3)	Drinking Water	44.	5	0	0.00	1	0	0.00	2	0	0.00	2	0	0.00			
71890	MERCURY, DISSOLVED	Fresh Acute	2.4	81	0	0.00	18	0	0.00	25	0	0.00	38	0	0.00			
		Drinking Water	2.	81	0	0.00	18	0	0.00	25	0	0.00	38	0	0.00			
		Marine Acute	2.1	2	0	0.00	2	0	0.00									
71895	MERCURY, SUSPENDED	Fresh Acute	2.4	13	0	0.00	3	0	0.00	4	0	0.00	6	0	0.00			
		Drinking Water	2.	13	0	0.00	3	0	0.00	4	0	0.00	6	0	0.00			
71900	MERCURY, TOTAL	Fresh Acute	2.4	35	1	0.03	5	0	0.00	10	1	0.10	20	0	0.00			
		Drinking Water	2.	35	2	0.06	5	0	0.00	10	1	0.10	20	1	0.05			
		Marine Acute	2.1	1	0	0.00	1	0	0.00									
77128	STYRENE, WHOLE WATER	Drinking Water	100.	1	0	0.00				1	0	0.00						
77651	1,2-DIBROMOETHANE, WHOLE WATER	Drinking Water	0.05	0 &	0	0.00												
77687	2,4,5-TRICHLOROPHENOL, WHOLE WATER	Fresh Acute	100.	10	0	0.00	3	0	0.00	3	0	0.00	4	0	0.00			
81403	DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMP	Fresh Acute	0.083	1 &	0	0.00	1	0	0.00									
82615	CARBOFURAN, WHOLE WATER, TOTAL RECOVERAB	Drinking Water	40.	1	0	0.00				1	0	0.00						

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EPA Water Quality Criteria Analysis for Entire PAAL Study Area

Parameter	Std. Type	Std. Value	Total Obs	Exceed Standard	Prop. Exceeding	----------10/01-11/30---------- Obs	Exceed	Prop.	----------12/01-3/31---------- Obs	Exceed	Prop.	----------4/01-9/30---------- Obs	Exceed	Prop.	----------n/a---------- Obs	Exceed	Prop.
82619 ALDICARB, WHOLE WATER, TOTAL RECOVERABLE	Drinking Water	3.	0 &	0	0.00												

& - Below detection limit observations, for which half the detection limit exceeded the criterion, were excluded from the criterion comparison for this parameter

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Missing Level I Groups

There are STORET Data for Every Level I I&M Parameter Group Within the PAAL Study Area

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Present Level I Groups

STORET Data Within the PAAL Study Area Exist for These Groups:

Alkalinity		Total Obs.	01/01/85 to 01/07/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	606	134	121	351	8
00440	BICARBONATE ION (MG/L AS HCO3)	60	3	44	13	4
00445	CARBONATE ION (MG/L AS CO3)	52	3	42	7	3
		718	140	207	371	15 (8)[1]

pH		Total Obs.	01/01/85 to 01/07/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00400	PH (STANDARD UNITS)	942	210	296	436	12
00403	PH, LAB (STANDARD UNITS)	258	96	102	60	5
		1200	306	398	496	17 (12)[1]

Conductivity		Total Obs.	01/01/85 to 01/07/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	287	139	126	22	4
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	629	98	259	272	11
00480	SALINITY - PARTS PER THOUSAND	2	2	0	0	2
		918	239	385	294	17 (12)[1]

Dissolved Oxygen		Total Obs.	01/01/85 to 01/07/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00300	OXYGEN, DISSOLVED (MG/L)	841	214	317	310	12
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	338	2	185	151	9
		1179	216	502	461	21 (12)[1]

Water Temperature		Total Obs.	01/01/85 to 01/07/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	971	220	349	402	12
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	211	14	124	73	2
		1182	234	473	475	14 (12)[1]

Flow		Total Obs.	01/01/85 to 01/07/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00060	FLOW, STREAM, MEAN DAILY CFS	384	0	6	378	2
00061	FLOW, STREAM, INSTANTANEOUS CFS	326	163	155	8	4
00065	STAGE, STREAM (FEET)	17	13	4	0	1
74069	FLOW, ESTIMATED STREAM, CFS	43	40	3	0	3
		770	216	168	386	10 (6)[1]

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Clarity/Turbidity		Total Obs.	01/01/85 to 01/07/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00070	TURBIDITY, (JACKSON CANDLE UNITS)	567	1	121	445	8
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	147	74	73	0	3
00077	TRANSPARENCY, SECCHI DISC (INCHES)	94	65	29	0	2
00078	TRANSPARENCY, SECCHI DISC (METERS)	111	74	14	23	7
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	375	118	119	138	5
		1294	332	356	606	25 (10)[1]

Nitrate/Nitrogen		Total Obs.	01/01/85 to 01/07/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00600	NITROGEN, TOTAL (MG/L AS N)	120	0	115	5	4
00602	NITROGEN, DISSOLVED (MG/L AS N)	13	0	13	0	1
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	77	0	72	5	5
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	13	0	13	0	1
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	101	73	28	0	1
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	334	159	141	34	8
00612	AMMONIA, UNIONZED (MG/L AS N)	1	1	0	0	1
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	213	60	119	34	8
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	39	12	27	0	1
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	277	96	139	42	8
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	188	18	123	47	7
00631	NITRITE PLUS NITRATE, DISS. 1 DET. (MG/L AS N)	101	73	28	0	1
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	20	0	20	0	2
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	21	0	21	0	1
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	5	0	0	5	1
		1523	492	859	172	50 (9)[1]

Phosphate/Phosphorus		Total Obs.	01/01/85 to 01/07/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	102	7	71	24	6
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	96	8	67	21	5
00665	PHOSPHORUS, TOTAL (MG/L AS P)	526	189	206	131	9
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	143	73	42	28	2
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	239	138	80	21	6
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	16	16	0	0	2
		1122	431	466	225	30 (9)[1]

Chlorophyll		Total Obs.	01/01/85 to 01/07/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	135	64	55	16	3
32230	CHLOROPHYLL A (MG/L)	2	0	1	1	1
		137	64	56	17	4 (4)[1]

Sulfates/Total Dissolved Solids/Hardness		Total Obs.	01/01/85 to 01/07/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
00900	HARDNESS, TOTAL (MG/L AS CACO3)	405	16	59	330	7
00945	SULFATE, TOTAL (MG/L AS SO4)	696	193	187	316	8
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	303	149	148	6	5
		1404	358	394	652	20 (8)[1]

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Bacteria		Total Obs.	01/01/85 to 01/07/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
31501	COLIFORM, TOT, MEMBRANE FILTER,IMMED.M-ENDOMED,35C	51	0	44	7	4
31503	COLIFORM, TOT, MEMBRANE FILTER,DELAY,M-ENDOMED,35C	461	0	0	461	1
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	7	0	2	5	2
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	239	124	106	9	5
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	165	58	107	0	3
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	110	59	51	0	3
		1033	241	310	482	18 (7)[1]

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Toxic Elements		Total Obs.	01/01/85 to 01/07/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	12	12	0	0	2
01097	ANTIMONY, TOTAL (UG/L AS SB)	1	0	1	0	1
01000	ARSENIC, DISSOLVED (UG/L AS AS)	105	60	31	14	8
01001	ARSENIC, SUSPENDED (UG/L AS AS)	14	0	14	0	1
01002	ARSENIC, TOTAL (UG/L AS AS)	25	1	23	1	4
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	58	40	9	9	3
01012	BERYLLIUM, TOTAL (UG/L AS BE)	1	0	1	0	1
01025	CADMIUM, DISSOLVED (UG/L AS CD)	106	60	31	15	8
01026	CADMIUM, SUSPENDED (UG/L AS CD)	6	0	6	0	1
01027	CADMIUM, TOTAL (UG/L AS CD)	25	1	23	1	4
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	103	60	31	12	8
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	14	0	14	0	1
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	2	0	0	2	2
01034	CHROMIUM, TOTAL (UG/L AS CR)	25	1	23	1	4
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	1	1	0	0	1
01040	COPPER, DISSOLVED (UG/L AS CU)	106	60	31	15	8
01041	COPPER, SUSPENDED (UG/L AS CU)	15	0	15	0	1
01042	COPPER, TOTAL (UG/L AS CU)	27	1	23	3	6
01049	LEAD, DISSOLVED (UG/L AS PB)	106	60	31	15	8
01050	LEAD, SUSPENDED (UG/L AS PB)	14	0	14	0	1
01051	LEAD, TOTAL (UG/L AS PB)	25	1	23	1	4
71890	MERCURY, DISSOLVED (UG/L AS HG)	83	45	31	7	8
71895	MERCURY, SUSPENDED (UG/L AS HG)	13	0	13	0	1
71900	MERCURY, TOTAL (UG/L AS HG)	36	11	23	2	6
01065	NICKEL, DISSOLVED (UG/L AS NI)	118	78	25	15	8
01066	NICKEL, SUSPENDED (UG/L AS NI)	10	0	10	0	1
01067	NICKEL, TOTAL (UG/L AS NI)	15	1	12	2	5
01145	SELENIUM, DISSOLVED (UG/L AS SE)	111	78	31	2	7
01146	SELENIUM, SUSPENDED (UG/L AS SE)	11	0	11	0	1
01147	SELENIUM, TOTAL (UG/L AS SE)	27	2	23	2	6
01075	SILVER, DISSOLVED (UG/L AS AG)	115	77	26	12	7
01076	SILVER, SUSPENDED (UG/L AS AG)	11	0	11	0	1
01077	SILVER, TOTAL (UG/L AS AG)	21	1	18	2	5
01057	THALLIUM, DISSOLVED (UG/L AS TL)	1	1	0	0	1
01059	THALLIUM, TOTAL (UG/L AS TL)	1	0	1	0	1
01090	ZINC, DISSOLVED (UG/L AS ZN)	106	60	31	15	8
01091	ZINC, SUSPENDED (UG/L ZN)	10	0	10	0	1
01092	ZINC, TOTAL (UG/L AS ZN)	27	1	23	3	6
00720	CYANIDE, TOTAL (MG/L AS CN)	7	6	1	0	2
34210	ACROLEIN, TOTAL (UG/L)	1	0	1	0	1
34215	ACRYLONITRILE, TOTAL (UG/L)	18	17	1	0	4
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	21	20	1	0	4
32104	BROMOFORM, WHOLE WATER, (UG/L)	21	20	1	0	4
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	21	20	1	0	4
34301	CHLOROBENZENE, TOTAL (UG/L)	21	20	1	0	4
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	2	1	1	0	2
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	19	19	0	0	3
34311	CHLOROETHANE, TOTAL (UG/L)	21	20	1	0	4
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	17	16	1	0	4
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	41	0	0	41	1
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	41	0	0	41	1
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	14	0	0	14	1
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	14	0	0	14	1
32106	CHLOROFORM, WHOLE WATER (UG/L)	21	20	1	0	4
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	21	20	1	0	4

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Toxic Elements - Continued ...		Total Obs.	01/01/85 to 01/07/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	21	20	1	0	4
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	2	1	1	0	2
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	19	19	0	0	3
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	19	18	1	0	4
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	21	20	1	0	4
34371	ETHYLBENZENE, TOTAL (UG/L)	21	20	1	0	4
30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	19	19	0	0	3
34413	METHYL BROMIDE, TOTAL (UG/L)	2	1	1	0	2
30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	19	19	0	0	3
34418	METHYL CHLORIDE, TOTAL (UG/L)	2	1	1	0	2
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	21	20	1	0	4
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	21	20	1	0	4
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	21	20	1	0	4
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	21	20	1	0	4
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	20	19	1	0	4
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	21	20	1	0	4
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	20	19	1	0	4
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	21	20	1	0	4
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	21	20	1	0	4
34586	2-CHLOROPHENOL, TOTAL (UG/L)	20	19	1	0	4
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	20	19	1	0	4
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	19	18	1	0	4
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	20	19	1	0	4
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	20	19	1	0	4
34591	2-NITROPHENOL, TOTAL (UG/L)	20	19	1	0	4
34646	4-NITROPHENOL, TOTAL (UG/L)	20	19	1	0	4
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	13	12	1	0	4
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	20	19	1	0	4
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	20	19	1	0	4
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	20	19	1	0	4
34205	ACENAPHTHENE, TOTAL (UG/L)	19	18	1	0	4
34200	ACENAPHTHYLENE, TOTAL (UG/L)	20	19	1	0	4
34220	ANTHRACENE, TOTAL (UG/L)	19	18	1	0	4
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	18	17	1	0	4
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	20	19	1	0	4
34247	BENZO-A-PYRENE, TOTAL (UG/L)	20	19	1	0	4
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	20	19	1	0	4
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	20	19	1	0	4
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	20	19	1	0	4
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	20	19	1	0	4
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	20	19	1	0	4
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	20	19	1	0	4
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	20	19	1	0	4
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	20	19	1	0	4
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	19	18	1	0	4
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	20	19	1	0	4
34320	CHRYSENE, TOTAL (UG/L)	20	19	1	0	4
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	20	19	1	0	4
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	20	19	1	0	4
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	20	19	1	0	4
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	21	20	1	0	4
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	18	17	1	0	4
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	20	19	1	0	4
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	20	19	1	0	4
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	20	19	1	0	4

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Toxic Elements - Continued ...		Total Obs.	01/01/85 to 01/07/97	01/01/75 to 12/31/84	Before 01/01/75	Total Stations
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	19	18	1	0	4
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	20	19	1	0	4
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	20	19	1	0	4
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	17	16	1	0	4
34376	FLUORANTHENE, TOTAL (UG/L)	20	19	1	0	4
34381	FLUORENE, TOTAL (UG/L)	20	19	1	0	4
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	19	18	1	0	4
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	19	19	0	0	3
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	1	0	1	0	1
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	20	19	1	0	4
34396	HEXACHLOROETHANE, TOTAL (UG/L)	20	19	1	0	4
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	20	19	1	0	4
34408	ISOPHORONE, TOTAL (UG/L)	19	19	0	0	3
34696	NAPHTHALENE, TOTAL (UG/L)	20	19	1	0	4
34447	NITROBENZENE, TOTAL (UG/L)	20	19	1	0	4
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	20	19	1	0	4
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	20	19	1	0	4
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	20	19	1	0	4
34461	PHENANTHRENE, TOTAL (UG/L)	19	18	1	0	4
34469	PYRENE, TOTAL (UG/L)	20	19	1	0	4
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	19	18	1	0	4
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	50	21	15	14	9
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	11	11	0	0	1
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	17	16	1	0	4
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	17	16	1	0	4
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	30	2	14	14	5
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	11	11	0	0	1
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	19	19	0	0	3
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	17	16	1	0	4
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	35	19	14	2	6
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	50	20	14	16	8
34653	P,P'-DDE, DISSOLVED (UG/L)	11	11	0	0	1
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	48	20	14	14	8
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	1	1	0	0	1
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	48	20	14	14	8
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	50	21	15	14	9
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11	11	0	0	1
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	2	1	1	0	2
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	2	1	1	0	2
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	17	16	1	0	4
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	50	21	15	14	9
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	49	21	14	14	8
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	49	21	14	14	8
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	14	13	1	0	4
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	15	13	2	0	5
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	14	13	1	0	4
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	14	13	1	0	4
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	14	13	1	0	4
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	14	13	1	0	4
34671	PCB - 1016, TOTAL (UG/L)	14	13	1	0	4
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	36	21	14	1	7
		3990	2701	897	392	632 (11)[1]

[1]Since a station can have data for more than one of the parameters in the parameter group, the number in the parenthesis is the number of unique stations having data for this parameter group.

NPS Servicewide Inventory and Monitoring Program Level I

Water Quality Parameter Inventory Data Evaluation and Analysis:

Park Summary: Level I Group Currentness and Distribution

Parameter Group	Total Obs.	Obs. Since 1985	% Obs. Since 1985	Stations Measuring This Group	% of Total Stations Measuring This Group	Obs. Per Station Measuring This Group	Period of Record For This Group	Observations Per Year of Period of Record
Alkalinity	718	140	19.5	8	42.1	89.8	10/19/59-07/29/96	19.5
pH	1200	306	25.5	12	63.2	100.0	10/19/59-01/07/97	32.2
Conductivity	918	239	26.0	12	63.2	76.5	12/06/66-01/07/97	30.5
Dissolved Oxygen	1179	216	18.3	12	63.2	98.3	12/30/60-01/07/97	32.7
Water Temperature	1182	234	19.8	12	63.2	98.5	10/19/59-01/07/97	31.8
Flow	770	216	28.1	6	31.6	128.3	10/19/59-01/07/97	20.7
Clarity/Turbidity	1294	332	25.7	10	52.6	129.4	10/19/59-01/07/97	34.8
Nitrate/Nitrogen	1523	492	32.3	9	47.4	169.2	12/07/64-01/07/97	47.5
Phosphate/Phosphorus	1122	431	38.4	9	47.4	124.7	12/07/64-01/07/97	35.0
Chlorophyll	137	64	46.7	4	21.1	34.3	02/02/72-07/29/96	5.6
Sulfates/Total Dissolved Solids/Hardness	1404	358	25.5	8	42.1	175.5	10/19/59-01/07/97	37.7
Bacteria	1033	241	23.3	7	36.8	147.6	12/09/60-07/29/96	29.0
Toxic Elements	3990	2701	67.7	11	57.9	362.7	01/25/61-01/07/97	111.0

Water Quality Observations
Outside STORET Edit Criteria for PAAL

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
PAAL0001	00900	HARDNESS, TOTAL (MG/L AS CACO3)	690909	1300	6200.0000000	112WRD	255946097172400	
PAAL0001	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	690909	1300	1240.0000000	112WRD	255946097172400	
PAAL0001	00945	SULFATE, TOTAL (MG/L AS SO4)	690909	1300	2600.0000000	112WRD	255946097172400	
PAAL0003	01022	BORON, TOTAL (UG/L AS B)	740601		5700.0000000	21TEXWR	24949905	
PAAL0005	01022	BORON, TOTAL (UG/L AS B)	740601		5400.0000000	21TEXWR	24949904	
PAAL0006	01022	BORON, TOTAL (UG/L AS B)	740601		5500.0000000	21TEXWR	24949903	
PAAL0009	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	690909	1400	210.9000000	112WRD	255702097240600	
PAAL0009	00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION %	690909	1401	206.9000000	112WRD	255702097240600	
PAAL0009	00900	HARDNESS, TOTAL (MG/L AS CACO3)	680821	1728	6900.0000000	112WRD	255702097240600	
PAAL0009	00900	HARDNESS, TOTAL (MG/L AS CACO3)	690909	1408	6700.0000000	112WRD	255702097240600	
PAAL0009	00900	HARDNESS, TOTAL (MG/L AS CACO3)	701006	1250	6300.0000000	112WRD	255702097240600	
PAAL0009	00900	HARDNESS, TOTAL (MG/L AS CACO3)	741022	1154	5900.0000000	112WRD	255702097240600	
PAAL0009	00900	HARDNESS, TOTAL (MG/L AS CACO3)	750204	1225	5500.0000000	112WRD	255702097240600	
PAAL0009	00900	HARDNESS, TOTAL (MG/L AS CACO3)	750204	1230	6400.0000000	112WRD	255702097240600	
PAAL0009	00900	HARDNESS, TOTAL (MG/L AS CACO3)	750603	1200	5600.0000000	112WRD	255702097240600	
PAAL0009	00900	HARDNESS, TOTAL (MG/L AS CACO3)	750603	1207	5900.0000000	112WRD	255702097240600	
PAAL0009	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	680821	1728	1410.0000000	112WRD	255702097240600	
PAAL0009	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	690909	1408	1370.0000000	112WRD	255702097240600	
PAAL0009	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	701006	1250	1300.0000000	112WRD	255702097240600	
PAAL0009	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	741022	1154	1200.0000000	112WRD	255702097240600	
PAAL0009	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	750204	1225	1100.0000000	112WRD	255702097240600	
PAAL0009	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	750204	1230	1300.0000000	112WRD	255702097240600	
PAAL0009	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	750603	1200	1100.0000000	112WRD	255702097240600	
PAAL0009	00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	750603	1207	1200.0000000	112WRD	255702097240600	
PAAL0009	00930	SODIUM, DISSOLVED (MG/L AS NA)	741022	1154	9500.0000000	112WRD	255702097240600	
PAAL0009	00930	SODIUM, DISSOLVED (MG/L AS NA)	750204	1225	9600.0000000	112WRD	255702097240600	
PAAL0009	00930	SODIUM, DISSOLVED (MG/L AS NA)	750204	1230	10000.0000000	112WRD	255702097240600	
PAAL0009	00930	SODIUM, DISSOLVED (MG/L AS NA)	750603	1200	10000.0000000	112WRD	255702097240600	
PAAL0009	00930	SODIUM, DISSOLVED (MG/L AS NA)	750603	1207	11000.0000000	112WRD	255702097240600	
PAAL0009	00931	SODIUM ADSORPTION RATIO	741022	1154	54.0000000	112WRD	255702097240600	
PAAL0009	00931	SODIUM ADSORPTION RATIO	750204	1225	56.0000000	112WRD	255702097240600	
PAAL0009	00931	SODIUM ADSORPTION RATIO	750204	1230	55.0000000	112WRD	255702097240600	
PAAL0009	00931	SODIUM ADSORPTION RATIO	750603	1200	58.0000000	112WRD	255702097240600	
PAAL0009	00931	SODIUM ADSORPTION RATIO	750603	1207	62.0000000	112WRD	255702097240600	
PAAL0009	00935	POTASSIUM, DISSOLVED (MG/L AS K)	741022	1154	450.0000000	112WRD	255702097240600	
PAAL0009	00935	POTASSIUM, DISSOLVED (MG/L AS K)	750204	1225	390.0000000	112WRD	255702097240600	
PAAL0009	00935	POTASSIUM, DISSOLVED (MG/L AS K)	750204	1230	420.0000000	112WRD	255702097240600	
PAAL0009	00935	POTASSIUM, DISSOLVED (MG/L AS K)	750603	1200	360.0000000	112WRD	255702097240600	
PAAL0009	00935	POTASSIUM, DISSOLVED (MG/L AS K)	750603	1207	430.0000000	112WRD	255702097240600	
PAAL0009	00945	SULFATE, TOTAL (MG/L AS SO4)	680821	1728	2820.0000000	112WRD	255702097240600	
PAAL0009	00945	SULFATE, TOTAL (MG/L AS SO4)	690909	1408	2780.0000000	112WRD	255702097240600	

Water Quality Observations
Outside STORET Edit Criteria for PAAL

(Disposition: X = Discarded, Blank = Retained)

NPS Station ID	Parameter		Date	Time	Parameter Value	Agency	STORET Station ID	Disposition
PAAL0009	00945	SULFATE, TOTAL (MG/L AS SO4)	701006	1250	2800.0000000	112WRD	255702097240600	
PAAL0009	00945	SULFATE, TOTAL (MG/L AS SO4)	750603	1207	2600.0000000	112WRD	255702097240600	
PAAL0012	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	661206		7700.0000000	112WRD	08475000	
PAAL0012	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	670314		7500.0000000	112WRD	08475000	
PAAL0012	32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	670928		7400.0000000	112WRD	08475000	
PAAL0012	60050	ALGAE, TOTAL (CELLS/ML)	751118	1430	710000.0000000	112WRD	08475000	
PAAL0015	00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	690220	1400	16.0000000	21TXWQB	13178	X
PAAL0015	00403	PH, LAB, STANDARD UNITS SU	691002	1215	82.0000000	21TXWQB	13178	X
PAAL0018	00070	TURBIDITY, (JACKSON CANDLE UNITS)	601028		2800.0000000	1110NET	480071	
PAAL0018	00070	TURBIDITY, (JACKSON CANDLE UNITS)	631029		2000.0000000	1110NET	480071	
PAAL0018	00070	TURBIDITY, (JACKSON CANDLE UNITS)	640525		1900.0000000	1110NET	480071	
PAAL0018	00070	TURBIDITY, (JACKSON CANDLE UNITS)	661003		2000.0000000	1110NET	480071	
PAAL0018	00070	TURBIDITY, (JACKSON CANDLE UNITS)	671002		2940.0000000	1110NET	480071	
PAAL0018	00070	TURBIDITY, (JACKSON CANDLE UNITS)	680401		1750.0000000	1110NET	480071	

APPENDICES

Appendix A

Computer Files Transmitted With

Park Baseline Water Quality Data Inventory and Analysis

Computer disk(s) accompanying this report include up to seven (depending on the presence or absence of certain data elements) compressed (ZIP) files containing digital copies of nearly all the tables, figures, and other materials used to produce this report. To decompress these files, you must use the commonly available shareware program PKUNZIP. The command to type at the DOS prompt is:

PKUNZIP -E *COMPRESS.ZIP FILENAME.EXT*

where COMPRESS.ZIP is the name of one of the seven compressed (ZIP) files listed below and FILENAME.EXT is the name of the file you wish to extract. If you want to decompress all of the files in COMPRESS.ZIP, simply omit the FILENAME.EXT. To obtain a listing of all the files compressed into a particular ZIP file, type the following:

PKUNZIP -V *COMPRESS.ZIP* |MORE

where COMPRESS.ZIP is the name of one of the seven compressed ZIP files listed below. If a ZIP file spans multiple disks, use the last disk of the series (span) when obtaining a listing of all the files compressed into a particular ZIP file. Once you see the file you wish to obtain, substitute this file name for FILENAME.EXT in the first command line above to extract and decompress this particular file.

Included on one of the disk(s) accompanying this report is a program named PRINTZIP. This program will decompress ZIP files which don't span multiple disks and print certain files to a Hewlett-Packard (or compatible) Laser Printer. To use PRINTZIP, however, you must still have a copy of PKUNZIP in a directory listed in your path or in the same directory as the PRINTZIP program. PRINTZIP provides an easy, menu-driven interface for using PKUNZIP to decompress files and then send them to the printer. PRINTZIP allows you to send individual files, groups of files, or all files to the printer. PRINTZIP will not work with ZIP files that span multiple disks.

The following compressed (ZIP) files are included on the disk(s) accompanying this report:

(1) <u>PAALTABS.ZIP</u>

This compressed file contains all the tables presented in the report. The files compressed into this file include:

(a) PAALSITE.DOC - Descriptive listing of select fields from the industrial facilities discharges, drinking water intakes, and EPA-USGS stream gages databases.

(b) PAALAGNC.DOC - Contacts for agencies whose data were retrieved within the study area.

(c) PAALAGNQ.DOC - Number of stations, observations, and parameters retrieved by agency code within the study area and park.

(d) PAALOV0.DOC - Overview of park and retrieved data.

(e) PAALOV1.DOC - Station period of record table.

(f) PAALOV2.DOC - Parameter period of record table.

(g) PAALOV3.DOC - Station/parameter period of record table.

(h) PAALINV.DOC - Station by station descriptive statistics over the entire period of record and comparison against EPA Water Quality Criteria for each station.

(i) PAALSEAN.DOC - Seasonal and annual water quality descriptive statistics at stations with water quality data meeting the default seasonal and annual criteria.

(j) PAALEPAS.DOC - EPA Water Quality Criteria comparison for data at all stations combined within the study area.

(k) PAALIDEA.DOC - Comparison of downloaded STORET data with NPS Servicewide Inventory and Monitoring Program "Level I" water quality parameters.

(l) PAALBAD.DOC - Water quality observation values that were outside the range of one of 190 STORET edit criteria and were either discarded or retained.

All these compressed document files are in ASCII format and contain printer codes appropriate to Hewlett-Packard (or compatible) Laser Printers. While at the DOS prompt, any of these document files may be printed directly to a Hewlett-Packard (or compatible) Laser Printer by using the PRINT command. For example, if the document PAALOV1.DOC is in the subdirectory C:\WATER, you could type: PRINT C:\WATER\PAALOV1.DOC. This will print the file to your local or networked Hewlett-Packard (or compatible) Laser Printer attached to parallel port one (LPT1:). Alternatively, you can use the PRINTZIP program to decompress and print any of these files provided the ZIP file doesn't span multiple disks. These ASCII files can also be imported into word-processed documents, but the printer codes will then have to be removed.

(2) PAALFIGS.ZIP

This compressed file contains graphics files for all the statistical figures (time series plots; annual box and whiskers plots; seasonal box and whiskers plots) in the report in two different formats: Computer Graphic Metafile (CGM) and Hewlett-Packard Printer Control Language (PCL). The files are named with the last three digits of the Station Name followed by the five digit STORET code. The file name extension begins with either a 1 (time series), 2 (annual), or 3 (seasonal) and then either GM for CGM or CL for PCL. For example, 00100300.2GM would denote the file contains an annual box and whiskers plot in CGM format for parameter 00300 (dissolved oxygen) at station PAAL0001. While at the DOS prompt, any PCL file can be printed directly to a Hewlett-Packard (or compatible) Laser Printer by using the COPY command. For example, if the graphic 00100300.2CL (an annual box and whiskers plot of parameter 00300, dissolved oxygen, at station PAAL0001) is in the subirectory C:\WATER, you would type: COPY C:\WATER\00100300.2CL LPT1: /B. This will print the file to your local or networked Hewlett-Packard (or compatible) Laser Printer attached to parallel port one (LPT1:). The /B is necessary because the PCL file is in a binary format. Alternatively, you can use the PRINTZIP program to decompress and print any of the PCL files provided the ZIP file doesn't span multiple disks. The CGM files can be imported and/or edited in most graphics packages, including WordPerfect.

(3) PAALPARM.ZIP

This file compresses PAALPARM.DBF which contains all the actual values (raw data) of all the water quality data downloaded from STORET and summarized in the report. The detailed database structure for this file is contained in Appendix B.

(4) PAALSITE.ZIP

This compressed file contains up to five geo-referenced, DBASE III+ compatible site (point location) files documenting the location in the study area of water quality monitoring stations, industrial facilities discharges, drinking water intakes, water gages, and water impoundments. These files include:

(a) PAALWQ.DBF - All water quality monitoring station locations within the project's study area downloaded from STORET.

(b) PAALIFD.DBF - All municipal and industrial facility discharges within the project's study area downloaded from the IFD database.

(c) PAALDRIN.DBF - All drinking water intakes within the project's study area downloaded from the DRINKS database.

(d) PAALGAGE.DBF - All water gages within the project's study area downloaded from the GAGES database.

(e) PAALDAMS.DBF - All water impoundments within the project's study area downloaded from the DAMS database.

The absence of any of these files indicates that none of the particular sites were found within the study area. Detailed database structures for each of these files are contained in Appendix B.

(5) PAALMISC.ZIP

This compressed file contains a variety of graphic and document files that are contained in the report. They are grouped into this miscellaneous compressed (ZIP) file because they don't fit neatly into any of the other compressed files. The files contained in this compressed file include:

(a) PAALEXEC.DOC - WordPerfect Ver. 5.1 copy of the Executive Summary in the report.

(b) PAALTOC.DOC - WordPerfect Ver. 5.1 copy of the report's Table of Contents.

(c) INTRO.DOC - WordPerfect Ver. 5.1 copy of all the text in the report from the Introduction through the Interpretive Guide to Water Quality Results.

(d) APPENDIX.DOC - WordPerfect Ver. 5.1 copy of all the Appendices in the report.

(e) PAALREGI - PCL and CLP (Windows Clipboard) copies of map displaying the regional location of the park and study area.

(f) PAALWQ - PCL and CLP (Windows Clipboard) copies of park maps displaying water quality station locations within the park's study area. If, due to scaling and aesthetic concerns, multiple maps were needed, these files will have alphabetically ordered suffixes (PAALWQA, PAALWQB, PAALWQC, etc.) and the index map name will end with an ampersand (&).

(g) PAALIDG - PCL and CLP (Windows Clipboard) copies of park maps displaying locations of industrial facilities discharges, drinking water intakes, and stream gages within the park's study area. If, due to scaling and aesthetic concerns, multiple maps were needed, these files will have alphabetically ordered suffixes (PAALIDGA, PAALIDGB, PAALIDGC, etc.) and the index map name will end with an ampersand (&). If no industrial facilities discharges, drinking water intakes, water gages, or water impoundments exist within the park's study area, these files will not be in the compressed (ZIP) file.

(h) PAALSEHY - PCL and CLP (Windows Clipboard) copies of the hydrographs or other materials used by WRD staff as the basis for a first attempt at a seasonal analysis of the park's water quality data.

Other materials may also be included in this miscellaneous compressed (ZIP) file as warranted by conditions at the park. As with PAALFIGS.ZIP and PAALTABS.ZIP, you can use the PRINTZIP program to print any of the PCL files in PAALMISC.ZIP provided the ZIP file doesn't span multiple disks. You should not, however, use PRINTZIP to print the WordPerfect document files. The CLP (Windows Clipboard) files can be imported (pasted) and/or edited in most Windows-based word processors and graphics packages.

(6) PAALRF3.ZIP

This compressed file contains the Environmental Protection Agency's River Reach File Ver. 3.0 provisional data for the USGS catalog unit(s) encompassing the study area. The attribute data exist in both ASCII and DBASE III+ format, while the geographic traces exist in ASCII format. This compressed file contains four files for each catalog unit that touches the study area. Catalog units are identified by unique 8-character numeric names which identify the region, subregion, accounting unit, and catalog unit. Examples (your 8-character numeric names will be different) of the file types included in this compressed file are:

(a) 12345678.RF3 - ASCII formatted attribute file from the River Reach File for all hydrographic traces within the catalog unit.

(b) 12345678.DBF - DBASE III+ formatted attribute file from the River Reach File for all hydrographic traces within the catalog unit.

(c) 12345678.TRC - ASCII formatted geographic file from the River Reach File containing digital, geo-referenced descriptions of all hydrographic traces within the catalog unit at a scale of 1:100,000 suitable for import into a geographic information system.

(d) 12345678.CUB - ASCII formatted geographic file from the River Reach File containing a digital, geo-referenced description of the catalog unit boundary suitable for import into a geographic information system.

Detailed database structures for RF3-related files are contained in Appendix B.

(7) PAALWQMW.ZIP

Between 2000 and 2002, all Baseline Water Quality Data Inventory and Analysis Reports were compiled or re-compiled in Microsoft Word 2000 (Ver. 9.0) format. This complete, digital version of the report will be made available through various means, including the Internet. Although the reports can be opened in Microsoft Word 1997 (Ver. 8.0), the time series and annual and seasonal box-plots may not be centered appropriately on a page due to discrepancies with how Word 2000 formats pictures and how Word 1997 formatted pictures. Consequently, Word 2000 is the recommended software for viewing the report. Prior to printing the report from Word, be sure to enable "Print Text as Graphics" or "Print True Type Font as Graphics" in the Printer Properties. This ensures a more faithful reproduction of the maps included in the Word document.

The Microsoft Word version of the Baseline Water Quality Data Inventory and Analysis Report may differ slightly from the original analog version. Reports issued during 1994-1996 didn't have as many "bells-and-whistles" as subsequent reports. In compiling digital Microsoft Word versions of these earlier reports, attempts were made to bring these 1994-1996 reports up to the current standard wherever feasible and practicable. Unfortunately, some changes were not feasible or practicable. For example, water quality criteria screens were added or modified over time when newer criteria became available. The digital Microsoft Word version of Appendix F presents the latest criteria screening parameters and values. Some of these parameters and/or values may not have been screened against in the EPA water quality criteria analyses for each station and the entire study area in the 1994-1996 analog versions of the report. Similarly, the Introduction, Methodology, and Interpretive Guide to Water Quality Results may mention certain features that aren't included in the 1994-1996 reports. Additionally, to prepare a Microsoft Word version of this report, data were processed through different versions of software than used originally. Consequently, some results presented in the Overview and Executive Summary may differ slightly from those presented in the analog report (eg. # of In Park and Longer Term Stations).

Appendix B

Water Quality Database File Structures

The following table provides the DBASE III+ database field structure for all the water quality parameter data downloaded from STORET. This data will allow parks or other interested parties to replicate the statistical analyses and graphics contained in this report; perform more sophisticated analyses; or to establish a baseline park water quality database.

Parameter Data File: PAALPARM.DBF in PAALPARM.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
NPSSTATID	1	8	8	NPS Station ID (NPS park code + 4 digit sequence number)
BEGDATE	9	14	6	Measurement Start Date [yymmdd]
BEGTIME	15	18	4	Measurement Start Time [hhmm]
PARMCODE	19	23	5	STORET Parameter Code
PARMVALU	24	39	16.7	Parameter Value
REMARK	40	40	1	Parameter Remark Value
				A=Value is Mean of 2 or More Determinations
				B=Results Based Upon Colony Counts Outside Acceptable Range
				C=Value Calculated
				D=Field Measurement
				E=Extra Sample Taken in Compositing Process
				F=Female Species
				G=Maximum of 2 or More Determinations
				H=Based on Field Kit Determination
				I=Value is Less Than Practical Quantitation Limit and Greater Than or Equal to the Method Detection Limit
				J=Estimated, Not the Result of Analytic Measurement
				K=Off-scale Low, Actual Value Not Known, But Known to be Less Than Value Shown
				L=Off-scale High, Actual Value Not Known, But Known to be Greater Than Value Shown

Parameter Data File: PAALPARM.DBF in PAALPARM.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
				M=Presence Verified, But Not Quantified, Below Quantification Limit; For Species, Male; For Oxygen Reduction Potential, Indicates a Negative Value
				N=Presumptive Evidence of Presence
				O=Analysis Lost
				P=Too Numerous to Count
				Q=Exceeded Normal Holding Time
				R=Significant Rain in Last 48 Hours
				S=Laboratory test
				T=Less Than Detection Criteria
				U=Analyzed For But Not Detected, Value is Detection Limit For Process Used; If Species, Undetermined
				V=Analyte was Detected in Sample and Method Blank
				W=Less Than Lowest Value Reportable Under Remark "T"
				X=Quasi Vertically-Integrated Sample
				Y=Analysis of Unpreserved Sample
				Z=Too Many Colonies Were Present to Count (TNTC), Value Represents Filtration Value
				$=Calculated By Retrieval Software
MEDIA	41	46	6	Sample Media
DEPTH	47	55	9.3	Depth of Sample [in feet]
ENDDATE	56	61	6	Measurement End Date [yymmdd] [all composite samples]
ENDTIME	62	65	4	Measurement End Time [hhmm] [all composite samples]
SAMPTYPE	66	69	4	Type of Sample ["sophisticated" composite samples]
				C=Continuous Collection
				G=Collection of Individual Grab Samples
				GNxx=xx is the Number of Individual Grab Samples
				B=N/A

Parameter Data File: PAALPARM.DBF in PAALPARM.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
COMPTYPE	70	70	1	Composite Value Type ["sophisticated" composite samples]
				A=Average
				H=Maximum
				L=Minimum
				N=Number of Observations
				#=Number of Observations
				S=Standard Deviation
				U=Sum of Squares
				V=Variance
				C=Coefficient of Error
				X=Coefficient of Variance
				E=Skewness
				F=Kurtosis
				Z=Number of Observations That Exceed an Established Limit
				%=Precision
				$=Accuracy
				B=N/A
				D=Indicates Replicate Sample
COMPST	71	71	1	Composite Space/Time Indicator
				S=Space
				T=Time
				B=Space and Time
				F=Flow Proportional
				1-9=Replicate Number

Note: DBASE III+ record lengths will be one greater than the last stop column displayed (71 here) because DBASE III+ reserves the first space/column of every record for a deletion flag. Hence, DBASE III+ will display a record length of 72 for this database.

The following table provides the DBASE III+ database field structure for all the water quality station locations downloaded from STORET. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Quality Station Data File: PAALWQ.DBF in PAALSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
NPSSTATID	1	8	8	NPS Station ID (NPS park code + 4 digit sequence number)
AGENCY	9	16	8	Agency Code of Station Owner
STORIDP	17	31	15	STORET Primary Station Code
STORIDS1	32	43	12	STORET First Secondary Station Code
STORIDS2	44	55	12	STORET Second Secondary Station Code
STORIDS3	56	65	10	STORET Third Secondary Station Code
LATITUDE	66	73	8	Station Latitude [degrees:minutes:seconds]
LONGITUDE	74	82	9	Station Longitude [degrees:minutes:seconds]
LAT	83	93	11.6	Station Latitude [decimal degrees, (-) below equator]
LON	94	104	11.6	Station Longitude [decimal degrees, (-) western hemisphere]
LLPREC	105	105	1	Latitude/Longitude Precision Code
RMI	106	329	224	River Mile Index
STATLOC	330	377	48	Station Location Description
CNTYCODE	378	382	5	FIPS State/County Code
STNAME	383	398	16	State Name
CNTYNAME	399	418	20	County Name
HYDUNIT	419	426	8	Hydrologic Unit Code (MAJ/MIN/SUB = Catalog Unit)
MAJBASN	427	450	24	Major Basin Name
MINBASN	451	490	40	Minor Basin Name
STATTYPE	491	550	60	Station Type
STORDATE	551	556	6	Date Station was Stored in STORET
RF1INDEX	557	567	11	RF1 Reach Number Location [2]
RF1MILE	568	575	8.3	Mile Point on RF1 Reach [2]
RF1LOC	576	578	3	Indicates the Location as ON or OFF RF1 Reach [2]
RF1DIST	579	584	6.2	Distance From RF1 Reach

Water Quality Station Data File: PAALWQ.DBF in PAALSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
RF3INDEX	585	601	17	RF3 Reach Number Location [3]
RF3MILE	602	607	6.2	Mile point on RF3 Reach [3]
RF3LOC	608	610	3	Indicates the Location as ON or OFF RF3 Reach [2]
RF3DIST	611	616	6.2	Distance From RF3 Reach
DEPH2O	617	620	4	Depth of Water at Station Location [in feet]
ELEV	621	625	5	Station Elevation
ECOREG	626	628	3	ECO Region
H2OBODY	629	678	50	Waterbody ID
AQUIFERS	679	718	40	Aquifer Description
STATDESC1	719	790	72	Station Sentence Description
STATDESC2	791	862	72	Station Sentence Description
STATDESC3	863	934	72	Station Sentence Description
STATDESC4	935	1006	72	Station Sentence Description
STATDESC5	1007	1078	72	Station Sentence Description
STATDESC6	1079	1150	72	Station Sentence Description
STATDESC7	1151	1222	72	Station Sentence Description
STATDESC8	1223	1294	72	Station Sentence Description
STATDESC9	1295	1366	72	Station Sentence Description
STATDESC10	1367	1438	72	Station Sentence Description
STATDESC11	1439	1510	72	Station Sentence Description
STATDESC12	1511	1582	72	Station Sentence Description
STATDESC13	1583	1654	72	Station Sentence Description
STATDESC14	1655	1726	72	Station Sentence Description
STATDESC15	1727	1798	72	Station Sentence Description
STATLOCKED	1799	1799	1	Station Locked (Logical) True/False

The following table provides the DBASE III+ database field structures for the EPA Industrial Facilities Discharge database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Industrial Facilities Discharges File: PAALIFD.DBF in PAALSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	9	9	Site Identifier (NPDES Number)
LATITUDE	10	17	8	Facility Latitude (Degrees:Minutes:Seconds)
LONGITUDE	18	26	9	Facility Longitude (Degrees:Minutes:Seconds)
LAT	27	37	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	38	48	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	49	59	11	RF1 Reach Number Location
RF1MILE	60	65	6.2	Mile Point on RF1 Reach
RF1DIST	66	71	6.2	Distance From RF1 Reach
RF3INDEX	72	88	17	RF3 Reach Number Location
RF3MILE	89	94	6.2	Mile Point on RF3 Reach
RF3DIST	95	100	6.2	Distance From RF3 Reach
ADR	101	125	25	Address
BFL	126	132	7.2	Total Direct Combined C&P Flow (1000 GPD)
CCFLG	133	133	1	Coastal County Flag "Y"/"N"/"E"=Estuary
CC1	134	138	5	City Code #1 (EPA Code)
CFL	139	145	7.2	Total Direct Cooling Flow (1000 GPD)
CNC	146	148	3	County Code (FIPS)
CTY	149	168	20	City Name
CZIP	169	177	9	Canadian Zip Code
DNB	178	186	9	Dunn & Bradstreet Number
DNBFLG	187	187	1	Dunn & Bradstreet PCS Source Flag
EGF	188	202	15.4	Flow From Effluent Guidelines (1000 GPD)
EGS	203	208	6	Effluent Guidelines Subcategory
EXPDT	209	216	8	Expiration Date (mm/dd/yy)
E308SN	217	220	4	Effluent Guidelines Survey Number
FAC	221	229	9	SCS Facility Identifier (Cross-Reference)
FDS	230	232	3	Facility Data Source

Industrial Facilities Discharges File: PAALIFD.DBF in PAALSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
FFL	233	239	7.2	Total Facility Flow (1000 GPD)
FHF	240	240	1	Fac. Hit Flag (Reach File) V=Versar Assumed
FLOTYP	241	243	3	I=Blow Down, R=Bottom Ash, S=Fly Ash
FLR	244	250	7.2	Flow Recvd-Industrial (1000 GPD) Permit Data
FRDS	251	259	9	FRDS ID# - XREF To Water Supply
FRW	260	289	30	Facility Receiving Water Name
FS1	290	293	4	Facility SIC Code (From PCS)
FS2	294	297	4	Facility SIC Code #1
FS3	298	301	4	Facility SIC Code #2
FS4	302	305	4	Facility SIC Code #3
FS5	306	309	4	Facility SIC Code #4
FUD	310	317	8	Facility Level Last Date Updated (mm/dd/yy)
IACC	318	318	1	Inactive/Active Indicator ("I" or "A")
ICAT	319	320	2	WQAB Industrial Category
ICAT2	321	322	2	WQAB Industrial Category 2
ICAT3	323	324	2	WQAB Industrial Category 3
IFL	325	331	7	Total Indirect Flow (1000 GPD)
IFT	332	332	1	Illinois Facility Type (A thru Z)
IG1	333	334	2	Facility Industrial Group #1
IG2	335	336	2	Facility Industrial Group #2
IJCN	337	346	10	Canadian Record Identifier
INACT	347	353	7	Inactive/Rescinded P=Based on Permit;A=Actual
INDCNT	354	357	4	Computed Number of Indirect Dischargers
LATLON	358	372	15	Polygon Retrieval Lat/Long.
MAJ	373	373	1	Major-Minor Flag (From PCS)
MAPID	374	377	4	Map Identifier
MJMN	378	381	4	Major/Minor Basin (EPA-STORET)
NAM	382	441	60	Facility Name
NDC	442	444	3	Number of Discharges (Pipes)

Industrial Facilities Discharges File: PAALIFD.DBF in PAALSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
NDSFLO	445	451	7.2	NEEDS Flow (1000 GPD)
NDSIFLO	452	458	7.2	NEEDS Industrial Flow (1000 GPD)
NID	459	462	4	Number of Indirect Dischargers
NPC	463	463	1	NEEDS Pre-Treatment Code "Y"=Yes, "N"=No
NPS	464	464	1	NPDES Facility Source/Status
NSN	465	473	9	NEEDS Survey Number
NTC	474	474	1	NEEDS Treatment Code
OCP	475	480	6	Organic Chemical Producers ID Number
ODESCC	481	481	1	ODES Coastal County "Y"=Yes; "N"=No
OFL	482	488	7.2	Total Non-Direct Other Flow (1000 GPD)
OWN	489	491	3	Ownership Code
PFL	492	498	7.2	Total Direct Process Flow (1000 GPD)
REG	499	500	2	EPA Region
REGKEY	501	504	4	Region Key
RSLOFLO	505	511	7.2	Receiving Stream Low Flow
RSMNFLO	512	518	7.2	Receiving Stream Mean Flow
STA	519	520	2	State Postal Abbreviation
STAID	521	535	15	State Identifier
STC	536	537	2	State Code (FIPS)
STCITY	538	544	7	State/City Code
TFLOW	545	551	7.2	Type Flow (1000 GPD)
UFL	552	558	7.2	Total Direct Undefined Flow (1000 GPD)
XEGS	559	561	3	Effluent Guidelines Subcat Index
XKEY	562	562	1	"1","2","3","4","5","6","7","8","9"
XNME	563	565	3	GLP,DIR,F2C,ENF,CET,LAG,PPB,M85,M86
ZIP	566	570	5	Zip Code

The following table provides the DBASE III+ database field structures for drinking water intakes from the EPA DRINKS database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Drinking Water Intakes File: PAALDRIN.DBF in PAALSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	20	20	Site Identifier
LATITUDE	21	28	8	Facility Latitude (Degrees:Minutes:Seconds)
LONGITUDE	29	37	9	Facility Longitude (Degrees:Minutes:Seconds)
LAT	38	48	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	49	59	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	60	70	11	RF1 Reach Number Location
RF1MILE	71	76	6.2	Mile Point on RF1 Reach
RF1DIST	77	82	6.2	Distance From RF1 Reach
RF3INDEX	83	99	17	RF3 Reach Number Location
RF3MILE	100	105	6.2	Mile Point on RF3 Reach
RF3DIST	106	111	6.2	Distance From RF3 Reach
AQCD	112	115	4	Aquifer Code
ASC	116	138	23	STORET Agency/Station Code
AVGD	139	142	4	Average Depth
BUY	143	143	1	Purchase Code
CC1	144	148	5	City Code #1 (EPA Code)
CNC	149	151	3	County Code (FIPS)
CNME	152	166	15	Contact Name
CNN	167	186	20	County Name
CTITLE	187	201	15	Contact Title
CTY	202	221	20	City Name
DUD	222	229	8	Date of Update
FRDS	230	238	9	FRDS ID# - Cross-Reference
GEOAG	239	258	20	Geologic Age
GEOCDE	259	261	3	Geologic Age Code
IDAT	262	269	8	Date (mm/dd/yy)

Drinking Water Intakes File: PAALDRIN.DBF in PAALSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
INTAKET	270	270	1	Type Source G/S/B
INTRVWR	271	285	15	Interviewer
MAXD	286	289	4	Maximum Depth
MILES	290	296	7.2	Miles
MIND	297	300	4	Minimum Depth
NAME	301	320	20	Name
NPD	321	329	9	NPDES# XREF to IFD Database
NWLS	330	332	3	Number of Wells
OWN	333	335	3	Ownership
PAVGF	336	342	7.2	Production Avg. Daily (Gal/Day)
PCTSUP	343	345	3	%Surface / %Ground
PHONE	346	355	10	Telephone Number
PMAXF	356	362	7.2	Production Max. Daily (Gal/Day)
POPSV	363	371	9	Population Served
REG	372	373	2	EPA Region
SHLAT	374	379	6	Sitehelp Latitude (DDMMSS)
SHLNG	380	386	7	Sitehelp Longitude (DDDMMSS)
SHMILES	387	393	7.2	Sitehelp Miles
SHNME	394	403	10	Sitehelp Source Name
SHPCT	404	410	7.2	Sitehelp Percent of Reach Miles
SRC	411	413	3	Sitehelp Source Code
STA	414	415	2	State Abbreviation
STC	416	417	2	State Code (FIPS)
TUF	418	424	7.2	Total Utility Flow
TYPCDE	425	425	1	Type Code
UHF	426	426	1	Utility Hit Flag (Reach File)
VCDE	427	427	1	Versar Code='V'=>25K; '*'=<25K POPSVD
WFPC	428	428	1	Wellfield Precision Code
WFTYP	429	429	1	Well Type (Cassing,Artesian,Infiltration,etc.)

Drinking Water Intakes File: PAALDRIN.DBF in PAALSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
WUN	430	449	20	Water Utility Name

The following table provides the DBASE III+ database field structures for the Water Gage database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Gage File: PAALGAGE.DBF in PAALSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	20	20	Site Identifier
LATITUDE	21	28	8	Facility Latitude (DDMMSS)
LONGITUDE	29	37	9	Facility Longitude (DDDMMSS)
LAT	38	48	11.6	Facility Latitude (decimal degrees, (-) below equator)
LON	49	59	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
RF1INDEX	60	70	11	RF1 Reach Number Location
RF1MILE	71	76	6.2	Mile Point on RF1 Reach
RF1DIST	77	82	6.2	Distance From RF1 Reach
RF3INDEX	83	99	17	RF3 Reach Number Location
RF3MILE	100	105	6.2	Mile Point on RF3 Reach
RF3DIST	106	111	6.2	Distance From RF3 Reach
JAN	112	118	7.2	Monthly Flow - January
FEB	119	125	7.2	Monthly Flow - February
MAR	126	132	7.2	Monthly Flow - March
APR	133	139	7.2	Monthly Flow - April
MAY	140	146	7.2	Monthly Flow - May
JUN	147	153	7.2	Monthly Flow - June
JUL	154	160	7.2	Monthly Flow - July
AUG	161	167	7.2	Monthly Flow - August
SEP	168	174	7.2	Monthly Flow - September
OCT	175	181	7.2	Monthly Flow - October
NOV	182	188	7.2	Monthly Flow - November
DEC	189	195	7.2	Monthly Flow - December
RGN	196	197	2	Region Code
AREA	198	204	7.2	Drainage Area (SQ.MI.)
DUD	205	212	8	Date of Update

Water Gage File: PAALGAGE.DBF in PAALSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
FBCF	213	213	1	Flag - Basic Characteristic File ('Y')
FDFF	214	214	1	Flag - Daily Flows File ('Y')
FQMINV	215	224	10	IHS Pt. Files Index
GHF	225	225	1	Hit Flag (Reach File)
ICDE	226	226	1	Integrity Code
LFVEL	227	233	7.2	Low Flow Velocity
METHOD	234	236	3	Calculation Method Code
MFVEL	237	243	7.2	Mean Flow Velocity
MNFLO	244	250	7.2	USGS Mean Annual Flow
NME	251	298	48	Station Name
SHLAT	299	304	6	Sitehelp Latitude (DDMMSS)
SHLNG	305	311	7	Sitehelp Longitude (DDDMMSS)
SHMILES	312	318	7.2	Sitehelp Miles
SHNME	319	328	10	Sitehelp Source Name
SHPCT	329	335	7.2	Sitehelp Percent of Reach Miles
SITE	336	337	2	Site Location
SRC	338	340	3	Sitehelp Source Code
STCTY	341	345	5	State/County Numeric Code
SVTEN	346	352	7.2	USGS 7-10 Year Flow
BEG_WYR	353	356	4	Beginning Water Year
END_WYR	357	359	4	Ending Water Year
ELEV	361	368	8.2	Elevation (Feet)
WELL_DP	369	376	8.2	Well Depth (Feet)

The following table provides the DBASE III+ database field structures for the Water Impoundment database. As this file is geo-referenced, it should import easily into the park's Geographic Information System.

Water Impoundment File: PAALDAMS.DBF in PAALSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
SITEID	1	7	7	Site Identifier
SOURCE	8	10	3	Source of Data
ST1	11	12	2	Primary State Code Abbreviation
STCTY1	13	17	5	State/County Numeric Code
NAME	18	47	30	Official Name of Dam
LATITUDE	48	53	6	Facility Latitude (DDMMSS)
LONGITUDE	54	60	7	Facility Longitude (DDDMMSS)
LAT	61	70	10.6	Facility Latitude (decimal degrees, (-) below equator)
LON	71	81	11.6	Facility Longitude (decimal degrees, (-) west. hem.)
INME	82	111	30	Impoundment Name
RNME	112	139	28	River, Stream, or Tributary Name on Which Dam Built
CUSEGMI	140	149	10	Catalog Unit, Segment, and Segment Length
REGN	150	151	2	Water Resources Council Region Code
RGBSN	152	155	4	Water Resources Region/Basin Code
CU	156	163	8	Catalog Unit
SEG	164	166	3	Reach Segment of Dam
SEGL	167	171	5.2	Reach Segment Length
PURP	172	172	1	Major Purpose of Dam
				I=Irrigation
				H=Hydroelectric
				N=Navigation
				S=Water Supply
				R=Recreation
				P=Stock/Farm Pond
				D=Debris Control
				F=Flood Control

Water Impoundment File: PAALDAMS.DBF in PAALSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
				O=Other
FRF3	173	189	17	RF3 Reach Number Location
FRF3MI	190	194	5	Mile Point on RF3 Reach
PURPKEY	195	195	1	Purpose Key
PUR2	196	196	1	Purpose of Dam 2 (See Above)
PUR3	197	197	1	Purpose of Dam 3 (See Above)
PUR4	198	198	1	Purpose of Dam 4 (See Above)
PUR5	199	199	1	Purpose of Dam 5 (See Above)
PUR6	200	200	1	Purpose of Dam 6 (See Above)
PUR7	201	201	1	Purpose of Dam 7 (See Above)
PUR8	202	202	1	Purpose of Dam 8 (See Above)
PUR9	203	203	1	Purpose of Dam 9 (See Above)
PUR10	204	204	1	Purpose of Dam 10 (See Above)
TYPDAM	205	206	2	Major Dam Portion Type
				RE=Earth
				VA=Vaulted Arch
				CD=Buttress
				PG=Gravity
				ER=Rockfill
				MV=Multi-Arch
				OT=Other
YRCMP	207	210	4	Year Dam Completed
SHGT	211	214	4	Structural Height (Feet)
HHGT	215	218	4	Hydraulic Height (Feet)
VNORM	219	236	8	Normal Storage of Impoundment (Acre-Feet)
VMAX	227	234	8	Maximum Storage of Impoundment (Acre-Feet)
LCRST	235	239	5	Crest Length of Dam (Feet)
TSPL	240	240	1	Spillway Type
				C=Controlled

Water Impoundment File: PAALDAMS.DBF in PAALSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
				U=Uncontrolled
				N=None
				X=Unknown
WSPL	241	244	4	Dam Spillway Width (Feet)
QMAX	245	251	7	Maximum Spillway Discharge (CFS)
PINS	252	258	7.2	Quantity of Installed Power (Megawatts)
PPRO	259	265	7.2	Quantity of Proposed Power (Megawatts)
LOCK	266	266	1	Number of Navigational Locks
OWNR	267	290	24	Name of Impoundment Owner
PFOWN	291	291	1	Ownership Code
				N=Non-Federal
				G=Federal Government Agency
				C=Corps of Engineers
				X=Unknown
FEDR	292	292	1	Federally Regulated (Y=Yes, N=No, X=Unknown)
FLND	293	293	1	Private Dam on Federal Land (Y=Yes, N=No, X=Unknown)
SCSA	294	294	1	Type of Soil Conservation Service Assistance
				N=No Assistance
				T=Technical Assistance
				F=Financial Assistance
				B=Both Technical and Financial Assistance
				X=Unknown
DHAZ	295	295	1	Degree of Downstream Hazard
				1=High (More than a Few Lives Lost; Excessive Economic Loss)
				2=Significant (A Few Lives Lost; Appreciable Economic Loss)
				3=Low (No Lives Expected Lost; Minimal Economic Loss)
DCITY	296	319	24	Nearest Downstream City

Water Impoundment File: PAALDAMS.DBF in PAALSITE.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
POP	320	326	7	Population of Downstream City
DMILE	327	331	5.2	Distance of Downstream City From Dam (Miles)
RET	332	342	11.2	Retention Coefficient (Dimensionless)
MIX	343	353	11.2	Mixing Coefficient (Dimensionless)
SAREA	354	361	8	Surface Area of Impoundment (Acres)
SAFLG	362	362	1	Surface Area Flag (C=Calc., M=Measured, O=Other)
ILNTH	363	367	5	Length of Impoundment (Feet)
ILFLG	368	368	1	Impoundment Length Flag (C=Calc., M=Measured, O=Other)
UPKEY	369	374	6	Update Key (YYMMDD)

The following table provides the ASCII and DBASE III+ database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) attributes. The actual numeric file names will vary depending on the catalog unit(s). This information can be readily incorporated into the park's Geographic Information System.

RF3 Structure File: 12345678.RF3 and 12345678.DBF in PAALRF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
CATUNIT	1	8	8	Cataloging Unit (CU)
SEGM	9	12	4	Segment Number (SEG)
MI	13	17	5.2	Mile Point (MI)
UPMI	18	22	5.2	Upstream Mile Pt.
SEQNO	23	33	11.6	Hydro Sequence No.
RFLAG	34	34	1	Reach Flag (0,1)
OWFLAG	35	35	1	Open Water Flag (0,1)
TFLAG	36	36	1	Terminal Flag (0,1)
SFLAG	37	37	1	Start Flag (0,1)
RCHTYPE	38	38	1	Reach Type Code
LEV	39	40	2	Stream Level
JUNC	41	42	2	Level of Downstream Reach
DIVERGENCE	43	43	1	Divergence Code
STARTCU	44	51	8	Start CU
STRTSG	52	55	4	Start SEG
STOPCU	56	63	8	Stop CU
STOPSG	64	67	4	Stop SEG
USDIR	68	68	1	Upstream Direction
TERMID	69	73	5	Terminal Stream ID
TRMBLV	74	74	1	Terminal Base Level
PNAME	75	104	30	Primary Name
PNMCD	105	115	11	Primary Name Code
CNAME	116	145	30	Complement Name
CNMCD	146	156	11	Complement Name Code

RF3 Structure File: 12345678.RF3 and 12345678.DBF in PAALRF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
OWNAME	157	186	30	Open Water Name
OWNMCD	187	197	11	Open Water Name Code
DSCU	198	205	8	Downstream CU
DSSEG	206	209	4	Downstream SEG
DSMI	210	214	5.2	Downstream MI
CCU	215	222	8	Complement CU
CSEG	223	226	4	Complement SEG
CMILE	227	231	5.2	Complement MI
CDIR	232	232	1	Complement Direction
ULCU	233	240	8	Upstream Left CU
ULSEG	241	244	4	Upstream Left SEG
ULMI	245	249	5.2	Upstream Left MI
URCU	250	257	8	Upstream Right CU
URSEG	258	261	4	Upstream Right SEG
URMI	262	266	5.2	Upstream Right MI
SEGL	267	272	6.2	Reach Length (Miles)
RFORGFLAG	273	273	1	RF Orgin flag(1,2,3)
ALTPNMCD	274	281	8	Alt. Primary Name Code
ALTOWNMC	282	289	8	Alt. OW Name Code
DLAT	290	297	8.4	Downstream Latitude
DLONG	298	305	8.4	Downstream Longitude
ULAT	306	313	8.4	Upstream Latitude
ULONG	314	321	8.4	Upstream Longitude
MINLAT	322	329	8.4	Minimum Latitude
MINLONG	330	337	8.4	Minimum Longitude
MAXLAT	338	345	8.4	Maximum Latitude
MAXLONG	346	353	8.4	Maximum Longitude
NDLGREC	354	357	4	No. of DLG Records
LL1KEY1	358	367	10	Starting DLG LL Key1

RF3 Structure File: 12345678.RF3 and 12345678.DBF in PAALRF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
LL2KEY1	368	377	10	Ending DLG LL Key1
LL1KEY2	378	387	10	Starting DLG LL Key2
LL2KEY2	388	497	10	Ending DLG LL Key2
LL1KEY3	398	407	10	Starting DLG LL Key3
LL2KEY3	408	417	10	Ending DLG LL Key3
LL1KEY4	418	427	10	Starting DLG LL Key4
LL2KEY4	428	437	10	Ending DLG LL Key4
LL1KEY5	438	447	10	Starting DLG LL Key5
LL2KEY5	448	457	10	Ending DLG LL Key5
LL1KEY6	458	467	10	Starting DLG LL Key6
LL2KEY6	468	477	10	Ending DLG LL Key6
LL1KEY7	478	487	10	Starting DLG LL Key7
LL2KEY7	488	597	10	Ending DLG LL Key7
LL1KEY8	498	507	10	Starting DLG LL Key8
LL2KEY8	508	517	10	Ending DLG LL Key8
LL1KEY9	518	527	10	Starting DLG LL Key9
LL2KEY9	528	537	10	Ending DLG LL Key9
LL1KEY10	538	547	10	Start DLG LL Key 10
LL2KEY10	548	557	10	Ending DLG LL Key10
LN1AT2	558	561	4	DLG Line Attr. 1
LN2AT2	562	565	4	DLG Line Attr. 2
AREA1	566	569	4	DLG Area ID 1
AREA2	570	573	4	DLG Area ID 2
AR1AT2	574	577	4	DLG Area Attribute
AR1AT4	578	581	4	DLG Area Attribute
AR2AT2	582	585	4	DLG Area Attribute
AR2AT4	586	589	4	DLG Area Attribute
UPDATE1	590	595	6	Update Date #1 (mmddyy)
UPDTCD1	596	603	8	Update Type Code #1

RF3 Structure File: 12345678.RF3 and 12345678.DBF in PAALRF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
UPDTSRC1	604	611	8	Update Source #1
UPDATE2	612	617	6	Update Date #2 (mmddyy)
UPDTCD2	618	625	8	Update Type Code#2
UPDTSRC2	626	633	8	Update Source #2
UPDATE3	634	639	6	Update Date #3 (mmddyy)
UPDTCD3	640	647	8	Update Type Code #3
UPDTSRC3	648	655	8	Update Source #3
DIVCU	656	663	8	Divergent CU
DIVSEG	664	667	4	Divergent SEG
DIVMILE	668	672	5.2	Divergent MI
DLGID	673	678	6	DLG Number Special Use For Internal State Codes
FILLER	678	685	7	Filler: Future Use

Note: The structure for the .DBF file varies slightly from the RF3 structure displayed here in that the fields UPDATE1, UPDATE2, and UPDATE3 have a width of 8 and the last two fields, DLGID and FILLER, have been replaced with a field named ID of length 17. This ID field combines the CATUNIT, SEGM, and MI fields.

The following table provides the ASCII database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) traces. The actual numeric file names will vary depending on the catalog unit(s). This file contains the actual hydrographic network and is suitable for conversion into a variety of Geographic Information System formats.

RF3 Trace File: 12345678.TRC in PAALRF3.ZIP				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
(Header Record)				
CATUNIT	1	8	8	Cataloging Unit
SEGM	9	12	4	Segment Number
MI	13	17	5.2	Mile Point
NPTS	18	21	4	Number of Lat/Lon Coordinates
(Coordinate Record)				
LATITUDE	1	8	8.4	Latitude in Decimal
LONGITUDE	9	16	8.4	Longitude in Decimal
FILLER	17	21	5	

The following table provides the ASCII database field structures for the EPA River Reach File Ver. 3.0 (1:100,000 scale hydrography) catalog unit boundary file. The actual numeric file names will vary depending on the catalog unit(s). This file contains the actual catalog unit boundary and is suitable for conversion into a variety of Geographic Information System formats.

Catalog Unit Boundary File: 12345678.CUB in PAALRF3.ZIP
First Line = Catalog Unit Number (8 Characters)
Subsequent Lines:
L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS,L=DDMMSS,L=DDDMMSS, ...
Example:
02070010
L=391259,L=0770809,L=391220,L=0770749,L=391147,L=0770715,L=391120,L=0770633,
L=391058,L=0770535,L=391042,L=0770520,L=391016,L=0770427,L=390948,L=0770416,
L=390526,L=0765331,L=390500,L=0765149,L=390456,L=0765139,L=390357,L=0765123,
...
L=390744,L=0771007,L=390826,L=0771022,L=390910,L=0771022,L=390950,L=0771003,
L=391107,L=0770922,
There can be as many as four latitude/longitude pairs per line.

The following table provides the DBASE III+ database field structure of the Water Resources Division's "encyclopedia" file that documents the minimum and maximum parameter values found and the park(s) where they occurred. This file is intended for Water Resources Division internal use, but will be available to anyone upon request after Baseline Water Quality Data Inventory and Analysis reports have been completed for all parks.

Encyclopedia File: WRD File For Internal Use Only				
Field Name	**Start**	**Stop**	**Length**	**Field Description**
PARM	1	5	5	STORET Parameter Code
PARMNAME	6	45	40	Parameter Name
MINVAL	46	61	16.7	Minimum Value
MINVALPARK	62	65	4	Park Unit with Minimum Value
MAXVAL	66	71	16.7	Maximum Value
MAXVALPARK	72	75	4	Park Unit with Maximum Value

Appendix C

STORET Water Quality Control/Edit Checking

The following table provides the high and low values used by STORET since November 1983 for 190 common water quality parameters to screen or error check data. Data entered into STORET prior to November 1983, however, were not subjected to this edit/bounds check. Additionally, data from the USGS WATSTORE system that is loaded into STORET is never subjected to these edit criteria and agencies entering data in STORET can override these edit criteria to enter data values that fall outside a range. As a consequence, all data downloaded from STORET for the purposes of this project were filtered through these edit criteria to document values outside the generally accepted ranges. Decisions were then made on a case-by-case basis to retain or discard obviously incorrect data. Refer to the Water Quality Observations Outside STORET Edit Criteria section of the Interpretive Guide To Water Quality Results chapter for more information on this subject.

STORET Code	STORET Parameter Description	High Value	Low Value
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	37.0	-2.0
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	98.0	31.0
00020	TEMPERATURE, AIR (DEGREES CENTIGRADE)	52.0	-40.0
00021	TEMPERATURE, AIR (DEGREES FAHRENHEIT)	125.0	-40.0
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE	1990.9	1977.0
00032	CLOUD COVER (PERCENT)	101.0	0.0
00035	WIND VELOCITY (MILES PER HOUR)	85.0	0.0
00036	WIND DIRECTION IN DEGREES FROM TRUE N (CLOCKWISE)	361.0	0.0
00045	PRECIPITATION, TOTAL (INCHES PER DAY)	15.0	0.0
00070	TURBIDITY, (JACKSON CANDLE UNITS)	1500.0	0.0
00074	TURBIDITY, TRANSMISSOMETER, PERCENT TRANSMISSION	101.0	0.0
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	500.0	0.0
00076	TURBIDITY,HACH TURBIDIMETER (FORMAZIN TURB UNIT)	1000.0	0.0
00077	TRANSPARENCY, SECCHI DISC (INCHES)	600.0	0.0
00080	COLOR (PLATINUM-COBALT UNITS)	500.0	0.0
00081	COLOR,APPARENT(UNFILTERED SAMPLE) PLAT-COB UNITS	500.0	0.0
00085	ODOR (THRESHOLD NUMBER AT ROOM TEMPERATURE)	250.0	0.0
00094	SPECIFIC CONDUCTANCE,FIELD (UMHOS/CM @ 25C)	60000.0	1.0
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	60000.0	1.0
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	30.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00300	OXYGEN, DISSOLVED (MG/L)	30.0	0.0
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION%	200.0	0.0
00310	BOD, 5 DAY, 20 DEG C (MG/L)	150.0	0.0
00335	COD, .025N K2CR2O7 (MG/L)	1000.0	0.0
00340	COD, .25N K2CR2O7 (MG/L)	1000.0	0.0
00365	CHLORINE DEMAND, 15 MINUTE (MG/L)	15.0	0.0
00400	PH (STANDARD UNITS)	12.0	0.9
00403	PH, LAB, STANDARD UNITS, (STANDARD UNITS)	12.0	0.9
00405	CARBON DIOXIDE (MG/L AS CO2)	100.0	0.0
00406	PH, FIELD (STANDARD UNITS)	12.0	0.9
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	750.0	0.0
00435	ACIDITY, TOTAL (MG/L AS CACO3)	1000.0	0.0
00436	ACIDITY, MINERAL (METHYL ORANGE) (MG/L AS CACO3)	1000.0	0.0
00437	ACIDITY, CO2 (PHENOLPHTHALEIN) (MG/L AS CACO3)	750.0	0.0
00440	BICARBONATE ION (MG/L AS HCO3)	450.0	0.0
00445	CARBONATE ION (MG/L AS CO3)	100.0	0.0
00480	SALINITY - PARTS PER THOUSAND	40.0	0.0
00500	RESIDUE, TOTAL (MG/L)	15000.0	0.0
00505	RESIDUE, TOTAL VOLATILE (MG/L)	10000.0	0.0
00510	RESIDUE, TOTAL FIXED (MG/L)	10000.0	0.0
00515	RESIDUE, TOTAL FILTRABLE (DRIED AT 105C), (MG/L)	20000.0	0.0
00520	RESIDUE, VOLATILE FILTRABLE (MG/L)	10000.0	0.0
00525	RESIDUE, FIXED FILTRABLE (MG/L)	10000.0	0.0
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	10000.0	0.0
00535	RESIDUE, VOLATILE NONFILTRABLE (MG/L)	10000.0	0.0
00540	RESIDUE, FIXED NONFILTRABLE (MG/L)	10000.0	0.0
00545	RESIDUE, SETTLEABLE (ML/L)	1000.0	0.0
00546	RESIDUE, SETTLEABLE (MG/L)	1000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00550	OIL & GREASE (SOXHLET EXTRACTION) TOTAL,REC., (MG/L)	250.0	0.0
00600	NITROGEN, TOTAL (MG/L AS N)	100.0	0.0
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	15.0	0.0
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	25.0	0.0
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	20.0	0.0
00615	NITRITE NITROGEN, TOTAL (MG/L AS N)	5.0	0.0
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	50.0	0.0
00625	NITROGEN, KJELDAHL, TOTAL, (MG/L AS N)	50.0	0.0
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	55.0	0.0
00635	NITROGEN, AMMONIA & ORG., TOTAL 1 DET (MG/L AS N)	70.0	0.0
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	30.0	0.0
00653	PHOSPHATE, TOTAL SOLUBLE (MG/L)	30.0	0.0
00655	PHOSPHATE, POLY (MG/L AS PO4)	30.0	0.0
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	30.0	0.0
00665	PHOSPHORUS, TOTAL (MG/L AS P)	10.0	0.0
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	10.0	0.0
00680	CARBON, TOTAL ORGANIC (MG/L AS C)	100.0	0.0
00681	CARBON, DISSOLVED ORGANIC (MG/L AS C)	100.0	0.0
00685	CARBON, TOTAL INORGANIC (MG/L AS C)	100.0	0.0
00690	CARBON, TOTAL (MG/L AS C)	150.0	0.0
00720	CYANIDE, TOTAL (MG/L AS CN)	10.0	0.0
00745	SULFIDE, TOTAL (MG/L AS S)	1500.0	0.0
00746	SULFIDE, DISSOLVED (MG/L AS S)	1500.0	0.0
00760	SULFITE WASTE LIQUOR, PEARL BENSON INDEX (MG/L)	150.0	0.0
00900	HARDNESS, TOTAL (MG/L AS CACO3)	5000.0	0.0
00910	CALCIUM (MG/L AS CACO3)	3000.0	0.0
00915	CALCIUM, DISSOLVED (MG/L AS CA)	1000.0	0.0
00916	CALCIUM, TOTAL (MG/L AS CA)	1000.0	0.0
00920	MAGNESIUM (MG/L AS CACO3)	3000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
00925	MAGNESIUM, DISSOLVED (MG/L AS MG)	1000.0	0.0
00927	MAGNESIUM, TOTAL (MG/L AS MG)	1000.0	0.0
00929	SODIUM, TOTAL (MG/L AS NA)	5000.0	0.0
00930	SODIUM, DISSOLVED (MG/L AS NA)	5000.0	0.0
00931	SODIUM ADSORPTION RATIO	50.0	0.0
00935	POTASSIUM, DISSOLVED (MG/L AS K)	175.0	0.0
00937	POTASSIUM, TOTAL MG/L AS K)	175.0	0.0
00940	CHLORIDE, TOTAL IN WATER, (MG/L)	22000.0	0.0
00945	SULFATE, TOTAL (MG/L AS SO4)	2500.0	0.0
00946	SULFATE, DISSOLVED (MG/L AS SO4)	2500.0	0.0
00950	FLUORIDE, DISSOLVED (MG/L AS F)	15.0	0.0
00951	FLUORIDE, TOTAL (MG/L AS F)	15.0	0.0
00955	SILICA, DISSOLVED (MG/L AS SI02)	2000.0	0.0
00956	SILICA, TOTAL (MG/L AS SI02)	2000.0	0.0
01000	ARSENIC, DISSOLVED (UG/L AS AS)	5000.0	0.0
01002	ARSENIC, TOTAL (UG/L AS AS)	5000.0	0.0
01005	BARIUM, DISSOLVED (UG/L AS BA)	2000.0	0.0
01007	BARIUM, TOTAL (UG/L AS BA)	2000.0	0.0
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	2000.0	0.0
01012	BERYLLIUM, TOTAL (UG/L AS BE)	2000.0	0.0
01020	BORON, DISSOLVED (UG/L AS B)	5000.0	0.0
01022	BORON, TOTAL (UG/L AS B)	5000.0	0.0
01025	CADMIUM, DISSOLVED (UG/L AS CD)	500.0	0.0
01027	CADMIUM, TOTAL (UG/L AS CD)	500.0	0.0
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	2000.0	0.0
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	2000.0	0.0
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	2000.0	0.0
01034	CHROMIUM, TOTAL (UG/L AS CR)	2000.0	0.0
01040	COPPER, DISSOLVED (UG/L AS CU)	2000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
01042	COPPER, TOTAL (UG/L AS CU)	5000.0	0.0
01045	IRON, TOTAL (UG/L AS FE)	56000.0	0.0
01046	IRON, DISSOLVED (UG/L AS FE)	56000.0	0.0
01047	IRON, FERROUS (UG/L AS FE)	56000.0	0.0
01049	LEAD, DISSOLVED (UG/L AS PB)	1000.0	0.0
01051	LEAD, TOTAL (UG/L AS PB)	1000.0	0.0
01055	MANGANESE, TOTAL (UG/L AS MN)	5000.0	0.0
01056	MANGANESE, DISSOLVED (UG/L AS MN)	5000.0	0.0
01065	NICKEL, DISSOLVED (UG/L AS NI)	2000.0	0.0
01067	NICKEL, TOTAL (UG/L AS NI)	2000.0	0.0
01075	SILVER, DISSOLVED (UG/L AS AG)	5000.0	0.0
01077	SILVER, TOTAL (UG/L AS AG)	5000.0	0.0
01090	ZINC, DISSOLVED (UG/L AS ZN)	25000.0	0.0
01092	ZINC, TOTAL (UG/L AS ZN)	25000.0	0.0
01105	ALUMINUM, TOTAL (UG/L AS AL)	20000.0	0.0
01106	ALUMINUM, DISSOLVED (UG/L AS AL)	20000.0	0.0
01145	SELENIUM, DISSOLVED (UG/L AS SE)	100.0	0.0
01501	ALPHA, TOTAL	200.0	0.0
01503	ALPHA, DISSOLVED	75.0	0.0
01505	ALPHA, SUSPENDED	150.0	0.0
03501	BETA, TOTAL	3500.0	0.0
03503	BETA, DISSOLVED	3000.0	0.0
03505	BETA, SUSPENDED	1500.0	0.0
09503	RADIUM 226, DISSOLVED	500.0	0.0
13501	STRONTIUM 90, TOTAL	500.0	0.0
22703	URANIUM, NATURAL, DISSOLVED	500.0	0.0
31501	COLIFORM, TOT,MEMBRANE FILTER,IMMED.M-ENDO MED, 35C	24000000.0	0.0
31502	COLIFORM, TOTAL, 10/ML	24000000.0	0.0
31503	COLIFORM, TOT,MEMBR FILTER, DELAYED,M-ENDO MED, 35C	24000000.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
31504	COLIFORM, TOT,MEMBR FILTER,IMMED,LES ENDO AGAR, 35C	24000000.0	0.0
31613	FECAL COLIFORM, MEMBR FILTER, M-FC AGAR,44.5C, 24HR	10000000.0	0.0
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	10000000.0	0.0
31616	FECAL COLIFORM, MEMBR FILTER,M-FC BROTH, 44.5C	10000000.0	0.0
31672	FECAL STREPTOCOCCI,PLATE COUNT M-ENTER AGAR,35C48HR	500000.0	0.0
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	500000.0	0.0
31677	FECAL STREPTOCOCCI,MPN,AD-EVA, 35C (TUBE 31678)	500000.0	0.0
31679	FECAL STREPTOCOCCI, MF M-ENTEROCOCCUS AGAR,35C,48H	500000.0	0.0
31749	PLATE COUNT, TOTAL, TPC AGAR, 20C, 48 HRS	99999999.0	0.0
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	99999999.0	0.0
32210	CHLOROPHYLL-A UG/L TRICHROMATIC UNCORRECTED	500.0	0.0
32211	CHLOROPHYLL-A UG/L SPECTROPHOTOMETRIC ACID. METH.	750.0	0.0
32212	CHLOROPHYLL-B UG/L TRICHROMATIC UNCORRECTED	1000.0	0.0
32214	CHLOROPHYLL-C UG/L TRICHROMATIC UNCORRECTED	200.0	0.0
32217	CHLOROPHYLL A UG/L FLUOROMETRIC UNCORRECTED	500.0	0.0
32218	PHEOPHYTIN-A UG/L SPECTROPHOTOMETRIC ACID. METH.	200.0	0.0
32219	PHEOPHYTIN RATIO(OD 663)SPECTRO,BEFORE/AFTER ACID	2.0	0.0
32221	CHLOROPHYLL A,% OF(PHEOPHYTIN A+CHL A),SPEC-ACID.	101.0	0.0
32230	CHLOROPHYLL A (MG/L)	0.5	0.0
32231	CHLOROPHYLL B (MG/L)	0.8	0.0
32232	CHLOROPHYLL C (MG/L)	0.2	0.0
32234	CHLOROPHYLL, TOTAL (A+B+C) (MG/L)	1.0	0.0
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	5.0	0.0
32730	PHENOLICS, TOTAL, RECOVERABLE (UG/L)	1500.0	0.0
38260	METHYLENE BLUE ACTIVE SUBST. (DETERGENTS, ETC.)	10.0	0.0
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39340	GAMMA-BHC(LINDANE),WHOLE WATER, (UG/L)	20.0	0.0
39350	CHLORDANE(TECH MIX & METABS),WHOLE WATER, (UG/L)	20.0	0.0
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0

STORET Code	STORET Parameter Description	High Value	Low Value
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39480	METHOXYCHLOR IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39516	PCBS IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39530	MALATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39540	PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39600	METHYL PARATHION IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	20.0	0.0
50060	CHLORINE, TOTAL RESIDUAL (MG/L)	5.0	0.0
60050	ALGAE, TOTAL (CELLS/ML)	700000.0	0.0
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	4000.0	0.0
70505	PHOSPHATE, TOTAL,COLORIMETRIC METHOD (MG/L AS P)	10.0	0.0
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	10.0	0.0
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	65.0	0.0
71886	PHOSPHORUS, TOTAL, AS PO4 - (MG/L)	30.0	0.0
71890	MERCURY, DISSOLVED (UG/L AS HG)	10.0	0.0
71895	MERCURY, SUSPENDED (UG/L AS HG)	10.0	0.0
71900	MERCURY, TOTAL (UG/L AS HG)	10.0	0.0
74010	IRON, TOTAL (MG/L AS FE)	56000.0	0.0

Appendix D

STORET Administrative Parameters

STORET Code	Description of STORET Administrative Parameters
00022	LENGTH OF EXPOSURE OF SAMPLE OR TEST - DAYS
00026	TOXICS-IDENTIFY DATA COLLECTION BY EPA DIRECTIVE
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00073	SAMPLE LOC CODE DEFINED BY THERMAL STRUCT & DEPTH
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
00116	INTENSIVE SURVEY IDENTIFICATION NUMBER
00145	TOTAL PRODUCTION OF PRODUCT MANUFACTURED TONS/DAY
01273	TOTAL ACID PRIORITY POLLUTANTS MG/L
01274	TOTAL BASE-NEUTRAL PRIORITY POLLUTANTS MG/L
01275	TOTAL VOLATILE PRIORITY POLLUTANTS MG/L
01365	ANALYSIS DATE (DIOXIN) (YYMMDD)
04177	SAMPLE STABILIZATION, RECOVERY TEST CODE
04178	FIELD PROTOCOL(CONFDNCE ASSIGNED FIELD SAMPLE) CODE
04179	SAMPLE STATION LOCKED CODE
04180	CONDITION OF STATION SITE CODE
04181	LABORATORY QA/QC PLAN CONFIDENCE CODE
04182	SAMPLE TYPE CODE
04183	SAMPLE REMARKS CODE
30333	BAG MESH SIZE, BEDLOAD SAMPLER, MM
34772	NPDES NUMBER, CROSS REFERENCE CODE
34785	GAGE TYPE, METHOD CODE

STORET Code	Description of STORET Administrative Parameters
45575	GC MAKE AND MODEL INFORMATION CODE
45576	GC DETECTOR TYPE CODE
45577	GC COLUMN TYPE CODE
45580	METHOD OF ANALYSIS CODE
45581	LABORATORY LOCATION CODE
46107	SAMPLE LOCATION CODE (TREATMENT PLANT OPERATION)
46390	TOXICITY CHARACTERISTIC LEACHING PROCEDURE P OR F
46396	PROCESS TO SIGNIFICANTLY REDUCE PATHOGENS YES OR NO
46397	PROCESS TO FURTHER REDUCE PATHOGENS YES OR NO
47001	PERMIT EXPIRATION DATE (JULIAN CALENDAR)
47044	OBSERVATIONS,WASTE SITE-SEVERITY OF PROBLEMS CODE
47460	SUBSAMPLE - DECIMAL FRACTION OF WHOLE NUMBER
47477	COMPOSITION AND/OR DISPOSITION OF CATCH NUM CODE
70231	CURRENT DIRECTION (DEGREES FROM DOWNSTREAM FLOW)
71999	SAMPLE PURPOSE CODE
72032	NUMBER OF SPILLWAY GATES OPEN
73672	DATE OF ANALYSIS YYMMDD
73673	DATE OF EXTRACTION YYMMDD
74031	GRANT, PROJECT COST ELIGIBLE FOR CONSTRUCTION
74032	GRANT, AMOUNT OF PL 660 GRANT FOR THIS PROJECT
74033	GRANT, FEDERAL, OTHER THAN PL 660 GRANT
74034	GRANT, FUTURE PL 660 WHICH MAY APPLY TO THIS PROJ
74035	GRANT, TOTAL FEDERAL, WHICH APPLIES TO THIS PROJ
74036	GRANT, PROJ NUMBER ASSIGNED TO THIS APPLICATION
74037	GRANT, TYPE OF PROJECT TO WHICH GRANT APPLIES
74038	GRANT, STATUS OF PROJECT TO WHICH GRANT APPLIES
74039	PCS/STORET WATER QUALITY FILE INTERFACE YR/MO/DAY
74040	SURVEY NUMBER YYMMNO
74041	STORET STORAGE TRANSACTION DATE YR/MO/DAY

STORET Code	Description of STORET Administrative Parameters
74050	RADIOACTIVITY, GENERAL (PERMIT)
74051	ALGICIDES, GENERAL (PERMIT)
74052	CHLORINATED HYDROCARBONS, GENERAL (PERMIT)
74053	PESTICIDES, GENERAL (PERMIT)
74056	COLIFORM, TOTAL, GENERAL (PERMIT)
74065	STREAM FLOW CLASS
74066	ANNUAL RUNOFF
74067	SOIL CLASSIFICATION
74068	WATER QUALITY DESIGNATED USE CLASSIFICATION (IA)
74100	PRIMARY 1972 SIC CODE
74101	SECONDARY 1972 SIC CODE
74102	SECONDARY 1972 SIC CODE
74103	SECONDARY 1972 SIC CODE
74200	SAMPLE PRESERVATION METHODS ONE OR MORE IN COMB.
74205	LAND RESOURCE AREA (IOWA)
74206	SOIL EROSION POTENTIAL (IOWA)
74209	WATER QUALITY INDEX - STATE OF ILLINOIS, EPA
74210	FOREST STREAM WATER QUALITY INDEX CALC. NUMBER
74990	FISH SPECIES NUMERIC CODE - F&W SERVICE
74995	ANATOMY CODE
75000	SPECIES CODE-REMARK=SEX (M=MALE,F=FEMALE,U=UNK.)
81028	WITHDRAWAL OF GROUNDWATER (MILLION GAL/DAY)
82258	WATER CLASSIFICATION CODE (1-9) CODE
82292	DATA RELAY GROUND STATION SOURCE NODE CODE, CODE
82309	CONTAMINATION SOURCE POSSIBLE CODES NUMERIC CODE
82310	DEPTH CONFIDENCE IN REPORTED VALUES NUMERIC CODES
82373	FREQUENCY OF SAMPLING M=MON,Q=QUAR,Y=YR,R=RNFFCODE
82519	DRILLER REGISTRATION NUMBER ALPHA-NUMERIC CODE
82562	NARRATIVE REQUIREMENT EXCEEDANCES INTEGER

STORET Code	Description of STORET Administrative Parameters
82576	DAILY EXCURSION TIME, WATER MIN
82577	MONTHLY EXCURSION TIME, WATER TOTAL MIN
82578	DAY/MAXIMUM EXCURSION TIME, WATER MIN
82579	CODE NUMBER FOR PERSON COLLECTING SAMPLE
84002	CODE, GENERAL INFORMATION - ALPHA, NUMERIC CODE
84003	WATER SHED ID NUMBER (IOWA)
84005	FISH SPECIES CODE-FISH & WILDLIFE SER
84006	OWNERSHIP CLASSIFICATION OF LAKE, ILLINOIS SYSTEM
84010	PUBLIC ACCESS TO LAKE ILLINOIS SYSTEM
84011	CONFIDENCE CODE FOR GLC CONFIRMATION CODE
84012	PATIENT PARAMETERS (AGE, SEX, WT, ETC.) CODE
84013	SAMPLE PARAMETERS D=DESIGN SPECIMEN, S=SURPLUS
84027	CODE NUMBER FOR AGENCY COLLECTING SAMPLE
84028	CODE NO FOR AGENCY ANALYZING SAMPLE
84029	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE FIELD
84033	EGD ANALYTICAL DATA COMPLETENESS Y=YES N=NO CODE
84034	EGD SMPL NO.(SMPL.IDENT) NUMERIC=SCS ALPH+4NUM=JRB
84035	EGD SAMPLE CLASSIFICATION CATEGORY ALPHA CODE
84036	EGD INDUSTRIAL CATEGORY NUMERIC CODE
84037	EGD INDUSTRIAL CATEGORY NAME ALPHA CODE
84038	EGD LABORATORY NUMERIC CODE
84039	EGD LABORATORY NAME ALPHA CODE
84040	EGD SAMPLE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84041	EGD ACID STATUS (1-5,9,AND BLANK) NUMERIC CODE
84042	EGD BASE STATUS (1-5,9AND BLANK) NUMERIC CODE
84043	EGD PESTICIDE STATUS (1-5,9,AND BLANK) NUMERIC CODE
84044	EGD VOA FRACT. STATUS INDICATOR (1-5,9,BLANK) CODE
84045	EGD ACID EXTRACT DATE (YYMMDD) NUMERIC CODE
84046	EGD BASE EXTRACTION DATE (YYMMDD) NUMERIC CODE

STORET Code	Description of STORET Administrative Parameters
84047	EGD PESTICIDE EXTRACTION DATE (YYMMDD) NUMERIC CODE
84048	EGD VOA FRACTION INJECTION DATE YYMMDD NUMERIC CODE
84049	EGD ACID CONC. FACTOR (FIVE NUMERIC DIGITS) CODE
84050	EGD BASE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84051	EGD PESTICIDE CONC.FACTOR (FIVE NUMERIC DIGITS) CODE
84052	EGD VOA FRACTION CONC. FACTOR (5 NUMERIC DIGITS) CODE
84053	SAMPLE TYPE AND FREQUENCY OF COLLECTION CODE
84054	LITHOLOGY ALPHA-NUMERIC CODE
84055	AVAILABLE LOGS ALPHA-NUMERIC CODE
84056	WATER USE CATEGORY ALPHA-NUMERIC CODE
84057	INSPECTION TYPE ALPHA-NUMERIC CODE
84058	HYDROGEOLOGIC SYSTEM ALPHA-NUMERIC CODE
84059	WELL OWNERSHIP ALPHA-NUMERIC CODE
84060	TOPOGRAPHY ALPHA-NUMERIC CODE
84061	WELL USE ALPHA-NUMERIC CODE
84062	MEASURING POINT DESCRIPTION ALPHA-NUMERIC CODE
84063	DRILLING METHOD ALPHA-NUMERIC CODE
84064	WELL DATA AVAILABILITY ALPHA-NUMERIC CODE
84065	PERMIT COMPLIANCE DATA ALPHA-NUMERIC CODE
84067	NATURE OF MONITORING ALPHA-NUMERIC CODE
84073	REPLACES EXISTING WELL ALPHA-NUMERIC CODE
84074	AQUIFER TYPE (SEE USGS HANDBOOK) ALPHA CODE
84075	WELL PERMIT NUMBER ALPHA-NUMERIC CODE
84076	TSD MONITORING WELL TYPE ALPHA CODE
84077	TSD MONITORING WELL SAMPLING METHOD ALPHA CODE
84083	POLLUTION VERIFICATION ALPHA CODE
84084	WELL SAMPLE PURPOSE ALPHA CODE
84090	SAMPLE FILE CONTROL PROJECT IDENTIFICATION A-CODE
84091	INFILTRATION DATE/BEGINNING 'YYMMDD'

STORET Code	Description of STORET Administrative Parameters
84092	INFILTRATION DATE/ENDING 'YYMMDD'
84093	ENFORCEMENT FORM #2-C,DATA IDENTIFICATION CODE
84102	SAMPLE SPECIES-SUB ID ALPHA CODE
84103	DIOXIN LABORATORY ALPHA CODE
84104	DIOXIN STUDY ALPHA CODE
84112	SOURCE OF GEOHYDROLOGIC DATA CODE
84119	SOURCE OF EVACUATION DATA CODE
84121	REGULATING AGENCY CODE
84122	SAMPLE PURPOSE CODE
84126	SOURCE OF DEPTH DATA CODE
84127	METHOD OF DEPTH MEASUREMENT CODE
84128	SOURCE OF WATER-LEVEL DATA CODE
84129	DATA QUALITY
84141	LAKE, PHYSICAL CONDITION AT SAMPLE TIME, 1-5, CODE
84142	LAKE,RECREATIONAL SUITABILITY @ SMPL TIME,1-5, CODE
84164	SAMPLER TYPE, CODE
85300	PROBLEM CODE NES SURVEY
85327	WATER LEVEL AT SAMPLE COLLECTION TIME-CODE-NES
85332	CLOUD COVER AT SAMPLE COLLECTION TIME-CODE-NES
85553	WELL COMPLETION DATE (MONTH/YEAR)
85554	WELL WORKOVER DATE, LATEST (MONTH/YEAR)

Appendix E

STORET Parameters Not Suitable for Statistical Analysis

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00001	X-SEC. LOC., HORIZ (FT. FROM R BANK LOOK UPSTR.)
00002	X-SEC. LOC., HORIZ (% FROM R BANK LOOK UPSTR.)
00003	SAMPLING STATION LOCATION, VERTICAL (FEET)
00005	X-SEC. LOC., VERTICAL (PERCENT OF TOTAL DEPTH)
00006	DISTANCE FROM LOCATION IN X MILES
00007	DISTANCE FROM LOCATION IN Y MILES
00008	NUMBER USED IN SAMPLE ACCOUNTING PROCEDURE
00009	X-SEC. LOC.(FT FROM LEFT BANK LOOKING DOWNSTRM)
00027	CODE NO FOR AGENCY COLLECTING SAMPLE
00028	CODE NO FOR AGENCY ANALYZING SAMPLE
00033	WEATHER CODE FOR OCEAN-OBSERV. (WMO CODE 4677)
00037	WIND FORCE (BEAUFORT UNITS)
00038	WIND DIRECTION (WMO CODES 0885 + 0887)
00041	WEATHER (WMO CODE 4501)
00042	ALTITUDE IN FEET ABOVE MEAN SEA LEVEL
00043	CLOUD TYPE (WMO CODE 0500)
00044	CLOUD AMOUNT (WMO CODE 2700)
00047	TOTAL PARTIAL PRESSURE DISSOLVED GASES (MM HG)
00048	TOTAL PARTIAL PRESSURE DISSOLVED GASES (% SAT)
00049	SURFACE AREA IN SQUARE MILES
00050	EVAPORATION, TOTAL (INCHES PER DAY)
00051	SURFACE AREA IN SQUARE FEET
00053	SURFACE AREA, ACRES
00054	RESERVOIR STORAGE - ACRE FEET
00063	SAMPLING POINTS, NUMBER OF IN A CROSS SECTION
00067	TIDE STAGE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
00069	SEA WAVES(0=NONE;1=0-3";2=4-20";3=21-48";4=4-8')
00097	SAMPLING STATION LOCATION, VERTICAL (FEET)
00098	SAMPLING STATION LOCATION, VERTICAL (METERS)
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI
00115	SAMPLE TREATMENT CODE (1=RAW,2=TREATED)
01300	OIL-GREASE (SEVERITY)
01305	DETERGENT SUDS (SEVERITY)
01310	GAS BUBBLES (SEVERITY)
01315	SLUDGE, FLOATING (SEVERITY)
01320	GARBAGE, FLOATING (SEVERITY)
01325	ALGAE, FLOATING MATS (SEVERITY)
01330	ODOR, ATMOSPHERIC (SEVERITY)
01331	TASTE (SEVERITY)
01335	SEWAGE SOLIDS, FRESH, FLOATING (SEVERITY)
01340	FISH, DEAD (SEVERITY)
01345	DEBRIS, FLOATING (SEVERITY)
01350	TURBIDITY (SEVERITY)
01351	FLOW, STRM,1DRY,2LOW,3NORM,4FLOOD,5ABOVE NORM,CODE
01355	ICE COVER, FLOATING OR SOLID (SEVERITY)
03595	BIOASSAY (96 HR), EFFLUENT, TOTAL CODE
03596	BIOASSAY (48 HR), EFFLUENT, TOTAL CODE
03597	BIOASSAY (24 HR), EFFLUENT, TOTAL CODE
03598	TOXICITY, EFFLUENT, TOTAL CODE
03599	TOXICITY, CHOICE OF SPECIES, EFFLUENT CODE
03600	TOXICITY, TROUT, EFFLUENT, TOTAL CODE
03601	TOXICITY, SAND DOLLAR, EFFLUENT CODE
03602	BIOCHEMICAL OXYGEN DEMAND, EFFLUENT, TOTAL CODE
03603	SOLIDS, TOTAL SUSPENDABLE, EFFLUENT, TOTAL CODE
03605	FLOW METER CALIBRATION, WATER CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
03717	ONCORHYNCHUS MYKISS, WATER CODE
04117	TETHER LINE USED FOR COLLECTING SAMPLE CODE
04160	HALOCARBONS, PURGEABLE, SCAN, EFFLUENT CODE
04161	HALOCARBONS, PURGEABLE, SCAN, SLUDGE CODE
04162	AROMATIC, PURGEABLE, SCAN, EFFLUENT CODE
04163	AROMATIC, PURGEABLE, SCAN, SLUDGE CODE
04164	PHENOLIC, TOTAL, SCAN, EFFLUENT CODE
04165	PHENOLIC, TOTAL, SCAN, SLUDGE CODE
04166	PCB, TOTAL, SCAN, EFFLUENT CODE
04167	PCB, TOTAL, SCAN, SLUDGE CODE
04174	FREE LIQUIDS IN SEWAGE SLUDGE CODE
34765	AVIAN NUMERICAL SPECIES CODE (BIRDS)
34766	MAMMALIAN NUMERICAL SPECIES CODE
34771	MACROPHYTE, INSTREAM, VISUAL SIGHTING CODE
34773	ODOR, AMBIENT WATER CODE
34774	FISH, INSTREAM, VISUAL SIGHTING CODE
34775	STREAMBANK CHANNEL ALTERATIONS CODE
34776	HYDRAULIC STRUCTURES, INSTREAM CODE
34780	LAND USE, ADJACENT STREAM CODE
34781	SAMPLE POINTS, # OF LONGTDNL TRANSECTS, REACH CODE
34782	STREAM STAGE TREND CODE
34789	HABITATS, TYPES SAMPLED CODE
45613	FLOATING SOLIDS/VISIBLE FOAM, VISUAL, YES=1, NO=0, CODE
45614	SANITARY WASTE DISCHARGE ASSESSMENT, YES=1, NO=0, CODE
45615	INTERMITTENT DISCHARGE ASSESSMENT, YES=1, NO=0,CODE
46001	WATER APPEARANCE CODE (BASED ON FIELD ASSESSMENT)
46478	EQUIPMENT INSPECTION, VISUAL CODE
46486	TOXICITY,ACUTE 24HR(STATIC)CERIODAPHNIA (P/F) CODE
47454	FLOW METER REVOLUTIONS NUMBER

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
47455	LATITUDE, STARTING, OF A SAMPLE TOW DDMMSS
47456	LONGITUDE, STARTING, OF A SAMPLE TOW DDDMMSS
47457	LATITUDE, FINISHING, OF A SAMPLE TOW DDMMSS
47458	LONGITUDE, FINISHING, OF A SAMPLE TOW DDDMMSS
47459	LENGTH FREQUENCY NUMBER
47461	TIME THAT THE EQUIPMENT WAS SAMPLING MINUTES
47476	DIRECTION OF TOW IN RELATION TO CURRENT NUM CODE
50044	HYDROGRAPH LIMB, 1BASE, 2RISING, 3PEAK, 4FALLING, CODE
61390	DIATOMS,FIRST DOMINANT SPECIES OF UNITS - CODE
61391	DIATOMS,SECOND DOMINANT SPECIES OF UNITS - CODE
61392	DIATOMS,THIRD DOMINANT SPECIES OF UNITS - CODE
61393	DIATOMS,FOURTH DOMINANT SPECIES OF UNITS - CODE
70220	WAVE DIRECTION (WMO CODES 0885 + 0887)
70222	WAVE HEIGHT (WMO CODE 1555)
70223	WAVE PERIOD (WMO CODE 3155)
71090	BIVALVE SPECIES CODE
71500	EQUITABILITY INDEX,BENTHIC MACROINVER CODE
72000	ELEVATION OF LAND SURFACE DATUM (FT. ABOVE MSL)
72001	DEPTH, TOTAL OF HOLE (FT BELOW LAND SURFACE DATUM)
72002	DEPTH TO TOP OF WATER-BEARING ZONE SAMPLED (FT)
72003	DEPTH TO BOTTOM OF WATER-BEARING ZONE SAMPLED (FT)
72004	PUMP OR FLOW PERIOD PRIOR TO SAMPLING MINUTES
72005	SAMPLE SOURCE CODE (BM WELL DATA)
72006	SAMPLING CONDITION CODE (BM WELL DATA)
72007	FORMATION NAME CODE (BM WELL DATA)
72017	SERIES CODE (BM WELL DATA)
72018	SYSTEM CODE (BM WELL DATA)
72111	DIRECT READOUT GROUND STATN TRANSMIT EROR CODE NUM
74054	FECAL STREPTOCOCCI, GENERAL (PERMIT)

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
74055	FECAL COLIFORM, GENERAL (PERMIT)
80889	ACTIVATED SLUDGE PROCESS MODIFICATION CODE
81024	DRAINAGE AREA IN SQUARE MILES (SQ. MI.)
81637	SHELLFISH SPECIES NUMERIC CODE
82289	LAGOON OBSERVATION, VISUAL, Y=YES N=NO CODE
82398	SAMPLING METHOD (CODES)
82524	STORAGE COEFFICIENT NUMERICAL CODE
82923	ATMOSPHERIC DEPOSITION TYPE, WET CODE
83205	ATMOSPHERIC DEPOSITION TYPE, BULK CODE
84000	GEOLOGIC AGE CODE (SEE USGS CATALOG)
84001	AQUIFER NAME CODE (SEE USGS CATALOG)
84004	LAKE TYPE ILLINOIS CLASSIFICATION SYSTEM
84007	ANATOMY ALPHA CODE
84008	LIFE STYLE/HABITAT OF THE INDIVIDUALS IN THE SAMPLE
84009	SHELLFISH SPECIES ALPHANUMERIC CODE
84014	SPECIES SEX CODE
84030	CLOUD AMOUNT ALPHA WEATHER CODES
84031	PHYSICAL WEATHER ALPHA WEATHER CODES
84032	STREAM CONDITION ALPHA WEATHER CODES
84066	OIL AND GREASE, VISUAL, ALPHA-NUMERIC CODE
84068	SERIES CODE ALPHA-NUMERIC CODE
84069	FORMATION CODE ALPHA-NUMERIC CODE
84070	METHOD OF TESTING WELL YIELD ALPHA-NUMERIC CODE
84071	WATER LEVEL MEASUREMENT CONDITIONS ALPHA-NUM CODE
84072	WATER LEVEL MEASUREMENT METHOD ALPHA-NUMERIC CODE
84078	GIARDIA LAMBLIA, 2HSO4 OR SUC GRAD, MICRO, CODE
84079	BACTERIA, CELLUOLYTIC, AEROBIC-ANAEROBIC, RT 5-7, CODE
84080	BACTERIA, HYDROCARBONOCLASTIC, SHAKE INC 32C/WK, CODE
84081	YERSINIA ENTEROCOLITICA, SB BROTH, MAC AGAR,22C, CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84082	SALMONELLA/SHIGELLA, QUANT OR QUAL, HVF OR SWAB, CODE
84085	ORGANICS, VOLATILE, DETECTED, NUMERIC CODE, CODE
84086	MACROINVERTEBRATE SPECIES NUMERIC CODE
84087	MACROINVERTEBRATE HABITAT CODE
84088	BIOLOGY 1 MACROINVERTEBRATE CODE
84089	BIOLOGY 2 MACROINVERTEBRATE CODE
84094	PHYTOPLANKTON SPECIES CODE, NUMERIC
84095	PHYTOPLANKTON SPECIES CODE, ALPHA
84096	SEVERITY OF NON-PLANKTON ALGAE-MAT COVERAGE CODE
84097	LAGOON MOUTH CONDITION CODE
84098	COLOR OF NON-PLANKTONIC ALGAE CODE
84099	WATER - RELATIVE WATER LEVEL CODE
84100	SEX(1-MALE,2-FEMALE,3-MIXED,4-UNKNOWN) NUM CODE
84101	METAFORM, BENTHIC, ADULT(A), PUPAE(P), LARVAE(L) CODE
84105	OIL-SEPARATOR OBSERVATION ASSESS (0=DID NOT,1=DID)
84106	EVAPORAT/BED OBS ASSESS (0=DID NOT LOOK, 1=DID LOOK)
84107	AREA INSPECTION, VISUAL (0=DID NOT, 1=DID) CODE
84108	DRAIN FIELD INSPECTION ASSESS (0=DID NOT, 1=DID) CODE
84109	SLUDGE BUILD-UP IN WATER (0=DID NOT OBS, 1=OBS) CODE
84110	POND OBSERVATION ASSESS WATER (0=DID NOT, 1=DID) CODE
84111	LITHOLOGIC MODIFIER CODE
84113	WELL INTAKE FINISH CODE
84114	WELL CASING MATERIAL CODE
84115	TYPE OF MATERIAL FROM WHICH OPENING IS MADE CODE
84116	DRILLING FLUID CODE
84117	TYPE OF SURFACE SEAL CODE
84118	METHOD OF DEVELOPMENT CODE
84120	PACKING MATERIAL CODE
84124	METHOD OF EVACUTAION CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84125	METHOD OF WATER-LEVEL MEASUREMENT CODE
84130	OUTFALL OBSERVATION, VISUAL, Y=YES N=NO CODE
84131	SAMPLING METHOD, CONFIDENCE CODE (A,B,C,D) CODE
84132	STREAMBANK, VEGETATIVE STABILITY RATING CODE
84133	STREAMBANK, STABILITY (BANK EROSION) RATING CODE
84134	PARTICLES, DEGREE SURROUNDED BY FINE SEDIMENT, CODE
84135	STREAMSIDE, (SHORELINE) COVER RATING CODE
84136	CANOPY TYPE CODE
84137	CHANNEL STABILITY RATING CODE (E,G,F,P) CODE
84138	COLIFORM, TOTAL, WATER, WHOLE, MPN, PRES=1, ABSNT=2, CODE
84139	ENTEROBACTER AGGLOMERANS, WTR, MF, PRES=1, ABSNT=2, CODE
84140	KLEBSIELLA PNEUMONIAE, WTR, WH, MF, PRES=1, ABSNT=2, CODE
84143	WELL, PURGING CONDITION CODE
84144	WELL, SELECTION CRITERIA CODE
84145	PROJECT COMPONENT CODE
84146	LAND USE, PREDOMINANT, WITHIN 100 FT OF WELL, CODE
84147	LAND USE, PREDOMINANT, 1/4 MI.RADIUS OF WELL, CODE
84148	LAND USE, PREDMNT., FRAC., WITHIN 1/4 MI OF WELL, CODE
84149	LAND USE, CHANGE, LAST 10 YRS, WITHIN 1/4MI WELL, CODE
84150	HABITAT QUALITY INDEX RATING CODE
84151	AQUATIC LIFE, USE CLASSES CODE
84152	STREAM, STAGE CLASS CODE
84153	STREAMBANKS, GRAZING DAMAGE CODE
84154	CHANNEL, MAJOR ALTERATIONS CODE
84155	RIFFLE/RUNS, OCCURRENCE CODE
84156	POOL, DESCRIPTION CODE
84157	SANDBARS, LARGE, OCCURRENCE CODE
84158	LAND USE, NEAR STREAM, PREDOMINANT CODE
84159	STREAM,COVER (INSTREAM SHELTER FOR ADULT FISH), CODE

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
84160	STREAM, DEGRADATION RATING CODE
84161	STREAM, ORDER CODE
84162	LAND RESOURCE AREA CODE
84163	FLOW, STREAM, CLASSIFICATION CODE
84165	DISCHARGE EVENT OBSERVATION, YES=1 NO=0, CODE
84166	STORM HYDROGRAPH, DIRECTION, (RISE,FALL), CODE
84167	MICROSCOPIC EXAMINATION CODE
84168	AVIAN SPECIES ALPHA CODE (BIRDS)
84169	MAMMALIAN ALPHA SPECIES CODE
84170	ALPHA AGE TEXT CODE
84200	LATITUDE/LONGITUDE COORDINATES OF WELL, METHOD CODE
84201	NATIONAL REFERENCE DATUM, ALTITUDE(VERTICAL) CODE
84202	ALTITUDE METHOD CODE
85000	STREAM MILE, ACTUAL MILES
85014	HABITAT, 1970 ACRES THIS TYPE FOR THIS STATION
85015	HAB., ESTIMATED ACRES THIS TYPE THIS STATION
85016	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 1990
85017	HAB., ESTIMATED ACRES THIS TYPE THIS STA. BY 2000
85018	TYPE CODES: 1=CLEAR CUT/2=SELECT CUT/3=RNGE DEVLP
85019	ACRES, NO. ALTERED FROM 1965-1970 (0-5 YEARS OLD)
85020	ACRES, NO. ALTERED 1960-1965 (5-10 YEARS OLD)
85021	ACRES, NO. ALTERED 1955-1960 (10-15 YEARS OLD)
85022	ACRES, NO. ALTERED 1950-1955 (15-20 YEARS OLD)
85023	ACRES, NO. ALTERED BEFORE 1950 (20+ YEARS OLD)
85024	ACRES,PREDICTED YRLY.AVE.TO BE ALTERED IN FUTURE
85025	LANDOWNERS, CODES FOR ALL IN STATE OF OREGON
85026	ACRES, CURRENT OWNED THIS LANDOWNER THIS STATION
85027	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1980
85028	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 1990

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85029	ACRES, ESTIMATED OWNED BY L-O THIS STA. BY 2000
85030	LAND USES, CODES FOR ALL IN STATE OF OREGON
85031	ACRES, CURRENT DEDICATED TO THIS USE THIS STATION
85032	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1980
85033	ACRES, ESTM. DEDICTD TO THIS USE THIS STA BY 1990
85034	ACRES, ESTM. DEDICTD TO THIS USE BY YR.2000 --STA.
85035	HAB., INDICATED ANIMAL USES THIS TYPE IN WINTER
85036	HAB., INDICATED ANIMAL USES THIS TYPE IN SPRING
85037	HAB., INDICATED ANIMAL USES THIS TYPE IN SUMMER
85038	HAB., INDICATED ANIMAL USES THIS TYPE IN FALL
85039	HAB., INDICATED ANML USES THIS TYPE FOR WINTERING
85040	HAB., INDICATED ANML USES THIS TYPE FOR FEEDING
85041	HAB., INDICATED ANML USES TYPE FOR REARING YOUNG
85042	HAB., INDICATED BIRD USES THIS TYPE FOR NESTING
85043	HAB., INDICATED ANML USES THIS TYPE FOR SHELTER
85044	HAB., INDICATED ANML USES THIS TYPE FOR REST AREA
85045	ANML, SHOWS PRESENCE/ABSNC OF COMMENTS ON THIS ANML
85046	HAB.,ACRES OCCUPIED BY THIS ANML THIS UNIT & CO.
85050	ANIMALS ARE NOT PRESENT THIS STATION
85051	ANIMALS, ONLY A FEW ARE PRESENT THIS STATION
85052	ANIMALS COMMONLY SEEN; USE MODERATE THIS STATION
85053	ANIMALS FREQUENTLY SEEN; USE HEAVY THIS STATION
85070	OWNERSHIP (.1) AND ACCESS (.2) BY YEAR
85071	PRIVATE OWNERSHIP AND ACCESS MILEAGE
85072	FEDERAL OWNERSHIP AND ACCESS MILEAGE
85073	STATE OWNERSHIP AND ACCESS MILEAGE
85074	COUNTY OWNERSHIP AND ACCESS MILEAGE
85075	CITY OWNERSHIP AND ACCESS MILEAGE
85076	WATER YEAR DATA REFERS TO

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85077	CALENDAR YEAR DATA REFERS TO
85088	MONTHS POLLUTION IS A PROBLEM JAN THRU JUNE
85089	MONTHS POLLUTION IS A PROBLEM JULY TO DECEMBER
85090	MAN-CAUSED CHANNEL CHANGE IN MILES
85091	STREAM BANK HABITAT DESTROYED IN MILES
85092	STREAMBED SILTED IN MILES
85093	TURBIDITY PROBLEM IN MILES
85094	SEVERITY: 1=ELIMINATES 2=INTERFERES 3=NO PROBLEM
85095	DURATION OF TURBIDITY PROBLEM IN MONTHS
85096	SEASON OF NATURAL DRY CHANNEL 1=SP 2=SU 3=F 4=W
85097	NATURAL DRY CHANNEL IN MILES
85098	MAN-CAUSED DRY CHANNEL SEASON 1=SP 2=SU 3=F 4=W
85099	MAN-CAUSED DRY CHANNEL IN MILES
85100	YEAR BARRIER IS PRESENT
85101	NUMBER OF NATURAL BARRIERS
85102	MILES BLOCKED BY NATURAL BARRIERS
85103	NUMBER OF NATURAL BARRIERS TO BE REMOVED
85104	NUMBER OF DAMS AND MAN CAUSED OBSTRUCTIONS
85105	MILES BLOCKED BY DAMS OR MAN CAUSED OBSTRUCTIONS
85106	NUMBER OF DAMS TO BE ALTERED
85107	MILES OF STREAM OCCUPIED BY IMPOUNDMENT
85108	LOWER END OF SECTION COVERED BY THIS FORM
85109	UPPER END OF SECTION COVERED BY THIS FORM
85110	LOWER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85111	UPPER LIMIT THIS SPECIES THIS FORM BY RIVER MILE
85112	STREAM SURVEY:1=COMPLETE 2=INCOMPLETE 3=NONE
85113	ABUNDANCE: 1=FSHWY/TAG&R 2=SURVEY 3=EST PLUS 4=EST
85114	ABUNDANCE: N=S&ST 1=ABUNDANT 4=SCARCE RGH FSH 3=SCARCE
85116	SQUARE YARDS OF SPAWNING AREA IN 1970

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85117	SQUARE YARDS OF SPAWNING AREA IN 1980
85118	SQUARE YARDS OF SPAWNING AREA IN 1990
85119	SQUARE YARDS OF SPAWNING AREA IN 2000
85120	MILES OF REARING AREA IN 1970
85121	MILES OF REARING AREA IN 1980
85122	MILES OF REARING AREA IN 1990
85123	MILES OF REARING AREA IN 2000
85124	CATCH BY SPORT ANGLING IN 1970
85125	RECREATION DAYS SPENT ANGLING IN 1970
85126	RECREATION DAYS SPENT ANGLING IN 1980
85127	RECREATION DAYS SPENT ANGLING IN 1990
85128	RECREATION DAYS SPENT ANGLING IN 2000
85129	CONTRIBUTION TO COMMERCIAL CATCH IN 1970
85130	PERCENT OF TOTAL FISHING DONE FROM BOAT IN 1970
85131	PERCENT OF TOTAL FISHING DONE FROM BANK IN 1970
85132	PERCENT OF TOTAL FISHING DONE WITH LURE IN 1970
85133	PERCENT OF TOTAL FISHING DONE WITH BAIT IN 1970
85134	PERCENT OF TOTAL FISHING DONE WITH A FLY IN 1970
85146	YEAR THIS FACTOR HAS A LIMITING EFFECT
85157	MAN DAYS OF WATER SKIING
85158	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85159	MAN DAYS OF BOATING OTHER THAN ANGLING
85160	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85161	MAN DAYS OF SWIMMING
85162	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NO ACTIVITY
85163	SEVERITY: 1=INTERFERES 2=NO INTER. 3=NOT PRESENT
85165	NUMBER OF MONTHS SUSPENDED SOLIDS ARE A PROBLEM
85167	NUMBER OF MONTHS PLANKTON IS A PROBLEM
85168	1=ELIMINATE PROD 2=REDUCE 3=NO INTER. 4=NOT PRES

STORET Code	Description of STORET Parameters Not Suitable for Statistical Analysis
85169	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85170	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85171	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85172	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85173	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85174	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85175	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85176	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85177	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85178	1=ELIMINATE PROD 2=UNDESIRABLE 3=REDUCE 4=NO PROB
85179	YEAR THIS NUMBER OF FACILITIES PRESENT
85180	NUMBER OF BOAT RAMPS
85181	NUMBER OF MOORAGES
85182	NUMBER OF PICNIC AREAS
85183	NUMBER OF CAMP AREAS
85184	NUMBER OF RESORTS
85185	YEAR THIS ZONED AREA PRESENT
85186	ACRES SET ASIDE FOR OTHER BOATING
85187	ACRES SET ASIDE FOR WATER SKIING
85188	MILES OF SHORE LOST TO ACCESS BY HOME SITES
85189	TOTAL MILES OF SHORELINE
85193	WILL RECR BE INC BY RELEASE OF FINGERL 0=NO 1=YES
85195	CATCH AND RECREATION ESTIMATE 1=BEST 4=POOREST
85333	PRECIPITATION-SAMPLE COLLECTION TIME-CODE- NES
85538	GAMMA SCAN DATE (YR,MO,DAY)
85539	DATE OF REPORT (YR,MO,DAY)
85658	TIME NIGHT CO2 HR
85661	TIME, INTERVAL DAY CO2 HR

Appendix F

National EPA Water Quality Criteria Summary[1]

The following table presents the national water quality criteria that were used to assess water quality data on a station-by-station basis and within the entire study area. Criteria are, for the most part, maximum values (except for dissolved oxygen, pH, and as noted). Criteria exist in any of four categories: Fresh Acute, Drinking Water, Marine Acute, and Other. Acute criteria are the highest 1-hour average concentrations which should not result in unacceptable impacts to aquatic organisms in either fresh or marine waters, respectively. The Drinking Water criteria are intended for human consumption; while the Other criteria represents National Park Service or other concerns. Parameters are listed in ascending order by STORET code. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to obtain the criteria for all parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	00070				50[t]	TURBIDITY, JACKSON CANDLE UNITS	JTU	Physical
	00076				50[t]	TURBIDITY, HACH TURBIDIMETER, FORMAZIN TUR. UNITS	FTU	Physical
14808798	00154		250[s]			SULFATE (AS S) WHOLE WATER	MG/L	General Inorganic
7782447	00299				4.0[u]	OXYGEN, DISSOLVED, ANALYSIS BY PROBE	MG/L	Dissolved Oxygen
7782447	00300				4.0[u]	OXYGEN, DISSOLVED	MG/L	Dissolved Oxygen
	00400				≤6.5, ≥9.0[#]	PH	SU	Physical
	00403				≤6.5, ≥9.0[#]	PH, LAB	SU	Physical
	00406				≤6.5, ≥9.0[#]	PH, FIELD	SU	Physical

[1]Sources: (1) U.S. Environmental Protection Agency, Quality Criteria for Water 1995, Final Draft; (2) U.S. Environmental Protection Agency, 40 CFR 141 - National Primary Drinking Water Regulations, and 40 CFR 143 - National Secondary Drinking Water Regulations, July 1, 1994; and (3) Others as Noted in Footnotes.

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
471341	00409				<200[=]	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS	UEQ/L	General Inorganic
17778880	00613		1			NITRITE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00615		1			NITRITE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00618		10			NITRATE NITROGEN, DISSOLVED AS N	MG/L	Nitrogen
17778880	00620		10			NITRATE NITROGEN, TOTAL AS N	MG/L	Nitrogen
17778880	00628		10			NITRITE + NITRATE, SUSPENDED AS N	MG/L	Nitrogen
17778880	00630		10			NITRITE PLUS NITRATE, TOTAL 1 DET.	MG/L	Nitrogen
17778880	00631		10			NITRITE PLUS NITRATE, DISSOLVED 1 DET.	MG/L	Nitrogen
57125	00718	22	200	1.0		CYANIDE, WEAK ACID, DISSOCIABLE, WATER, WHOLE	UG/L	General Inorganic
57125	00719	22	200	1.0		CYANIDE, FREE,IN WATER&WASTEWATERS, HBG METHOD	UG/L	General Inorganic
57125	00720	0.022	0.2	0.001		CYANIDE, TOTAL	MG/L	General Inorganic
57125	00722	0.022	0.2	0.001		CYANIDE, FREE (AMENABLE TO CHLORINATION)	MG/L	General Inorganic
57125	00723	22	200	1.0		CYANIDE, DISSOLVED STD METHOD	UG/L	General Inorganic
57125	00724	22	200	1.0		CYANIDE COMPLEXED TO A RANGE OF COMPNDS, WATER	UG/L	General Inorganic
16887006	00940	860	250[s]			CHLORIDE,TOTAL IN WATER	MG/L	General Inorganic
16887006	00941	860	250[s]			CHLORIDE, DISSOLVED IN WATER	MG/L	General Inorganic
14808798	00945		250[s]			SULFATE, TOTAL (AS SO4)	MG/L	General Inorganic
14808798	00946		250[s]			SULFATE, DISSOLVED (AS SO4)	MG/L	General Inorganic
1332214	00948		7000000			ASBESTOS, WHOLE SAMPLE	CNT/L	General Inorganic
16984488	00950		4.0			FLUORIDE, DISSOLVED AS F	MG/L	General Inorganic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
16984488	00951		4.0			FLUORIDE, TOTAL AS F	MG/L	General Inorganic
7782414	00953		4000			FLUORINE, TOTAL	UG/L	General Inorganic
7440382	00978	360	50	69		ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	UG/L	Metal
7782492	00981	20	50	300		SELENIUM,TOTAL RECOVERABLE IN WATER AS SE	UG/L	Metal
7440280	00982	1400*	2.0	2130*		THALLIUM, TOTAL RECOVERABLE IN WATER AS TL	UG/L	Metal
7782492	00990	20	50	300		SELENITE, TOTAL RECOVERABLE INORGANIC	UG/L	Metal
7440382	00991	360	50	69		ARSENIC, TOTAL RECOVERABLE TRIVALENT INORGANIC	UG/L	Metal
7440382	00995	360	50	69		ARSENIC, INORGANIC DISS	UG/L	Metal
7440382	00996	360	50	69		ARSENIC, INORGANIC SUSP	UG/L	Metal
7440382	00997	360	50	69		ARSENIC, INORGANIC TOT	UG/L	Metal
7440417	00998	130*	4.0			BERYLLIUM,TOTAL RECOVERABLE IN WATER AS BE	UG/L	Metal
7440382	01000	360	50	69		ARSENIC, DISSOLVED	UG/L	Metal
7440382	01001	360	50	69		ARSENIC, SUSPENDED	UG/L	Metal
7440382	01002	360	50	69		ARSENIC, TOTAL	UG/L	Metal
7440393	01005		2000			BARIUM, DISSOLVED	UG/L	Metal
7440393	01006		2000			BARIUM, SUSPENDED	UG/L	Metal
7440393	01007		2000			BARIUM, TOTAL	UG/L	Metal
7440393	01009		2000			BARIUM,TOTAL RECOVERABLE IN WATER AS BA	UG/L	Metal
7440417	01010	130*	4.0			BERYLLIUM, DISSOLVED	UG/L	Metal
7440417	01011	130*	4.0			BERYLLIUM, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440417	01012	130*	4.0			BERYLLIUM, TOTAL	UG/L	Metal
7440439	01025	3.9+	5.0	43		CADMIUM, DISSOLVED	UG/L	Metal
7440439	01026	3.9+	5.0	43		CADMIUM, SUSPENDED	UG/L	Metal
7440439	01027	3.9+	5.0	43		CADMIUM, TOTAL	UG/L	Metal
7440473	01030		100			CHROMIUM, DISSOLVED	UG/L	Metal
7440473	01031		100			CHROMIUM, SUSPENDED	UG/L	Metal
7440473	01032	16	100	1100		CHROMIUM, HEXAVALENT	UG/L	Metal
16065831	01033	1700+	100	10300*		CHROMIUM, TRI-VAL	UG/L	Metal
7440473	01034		100			CHROMIUM, TOTAL	UG/L	Metal
7440508	01040	18+	1300[a]	2.9		COPPER, DISSOLVED	UG/L	Metal
7440508	01041	18+	1300[a]	2.9		COPPER, SUSPENDED	UG/L	Metal
7440508	01042	18+	1300[a]	2.9		COPPER, TOTAL	UG/L	Metal
7439921	01049	82+	15[a]	220		LEAD, DISSOLVED	UG/L	Metal
7439921	01050	82+	15[a]	220		LEAD, SUSPENDED	UG/L	Metal
7439921	01051	82+	15[a]	220		LEAD, TOTAL	UG/L	Metal
7440280	01057	1400*	2.0	2130*		THALLIUM, DISSOLVED	UG/L	Metal
7440280	01058	1400*	2.0	2130*		THALLIUM, SUSPENDED	UG/L	Metal
7440280	01059	1400*	2.0	2130*		THALLIUM, TOTAL	UG/L	Metal
7440020	01065	1400+	100	75		NICKEL, DISSOLVED	UG/L	Metal
7440020	01066	1400+	100	75		NICKEL, SUSPENDED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	01067	1400[+]	100	75		NICKEL, TOTAL	UG/L	Metal
7440020	01074	1400[+]	100	75		NICKEL, TOTAL RECOVERABLE IN WATER AS NI	UG/L	Metal
7440224	01075	4.1[+]	100[s]	0.12		SILVER, DISSOLVED	UG/L	Metal
7440224	01076	4.1[+]	100[s]	0.12		SILVER, SUSPENDED	UG/L	Metal
7440224	01077	4.1[+]	100[s]	0.12		SILVER, TOTAL	UG/L	Metal
7440224	01079	4.1[+]	100[s]	0.12		SILVER, TOTAL RECOVERABLE IN WATER AS AG	UG/L	Metal
7440508	01089	0.018[+]	1.3[a]	0.0029		COPPER AS SUSPENDED BLACK OXIDE IN WATER	MG/L	General Inorganic
7440666	01090	120[+]	5000[s]	95		ZINC, DISSOLVED	UG/L	Metal
7440666	01091	120[+]	5000[s]	95		ZINC, SUSPENDED	UG/L	Metal
7440666	01092	120[+]	5000[s]	95		ZINC, TOTAL	UG/L	Metal
7440666	01094	120[+]	5000[s]	95		ZINC, TOTAL RECOVERABLE IN WATER AS ZN	UG/L	Metal
7440360	01095	88[p]	6.0	1500[p]		ANTIMONY, DISSOLVED	UG/L	Metal
7440360	01096	88[p]	6.0	1500[p]		ANTIMONY, SUSPENDED	UG/L	Metal
7440360	01097	88[p]	6.0	1500[p]		ANTIMONY, TOTAL	UG/L	Metal
7440439	01113	3.9[+]	5.0	43		CADMIUM,TOTAL RECOVERABLE IN WATER AS CD	UG/L	Metal
7439921	01114	82[+]	15[a]	220		LEAD, TOTAL RECOVERABLE IN WATER AS PB	UG/L	Metal
7440473	01118		100			CHROMIUM TOTAL RECOVERABLE IN WATER AS CR	UG/L	Metal
7440508	01119	18[+]	1300[a]	2.9		COPPER, TOTAL RECOVERABLE IN WATER AS CU	UG/L	Metal
7440280	01124	1400[*]	2.0	2130[*]		THALLIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
7440280	01128	1400[*]	2.0	2130[*]		THALLIUM, TOTAL RECOVERABLE <95%	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	01145	20	50	300		SELENIUM, DISSOLVED	UG/L	Metal
7782492	01146	20	50	300		SELENIUM, SUSPENDED	UG/L	Metal
7782492	01147	20	50	300		SELENIUM, TOTAL	UG/L	Metal
7782492	01167	20	50	300		SELENIUM, ACID SOLUBLE, WATER, WHOLE	UG/L	Metal
18540299	01220	16	100	1100		CHROMIUM, HEXAVALENT, DISSOLVED	UG/L	Metal
7440360	01268	88[p]	6.0	1500[p]		ANTIMONY (SB), WATER, TOTAL RECOVERABLE	UG/L	Metal
57125	01291	22	200	1.0		CYANIDE, FILTERABLE, TOTAL IN WATER	UG/L	General Inorganic
7440666	01303	0.120[+]	5.0[s]	0.095		ZINC, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440224	01304	0.0041[+]	0.1[s]	0.00012		SILVER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
7440508	01306	0.018[+]	1.3[a]	0.0029		COPPER, POTENTIALLY DISSOLVED WATER	MG/L	Metal
18540299	01307	0.016	0.1	1.1		CHROMIUM, HEXAVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7440382	01309	0.36	0.05	0.069		ARSENIC, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440393	01311		2.0			BARIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440417	01312	0.13[*]	0.004			BERYLLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440439	01313	0.0039[+]	0.005	0.043		CADMIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
16065831	01314	1.7[+]	0.1	10.3[*]		CHROMIUM, TRIVALENT, POTENTIALLY DISSOLVED	MG/L	Metal
7439921	01318	0.082[+]	0.015[a]	0.220		LEAD, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7439976	01321	0.0024	0.002	0.0021		MERCURY, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440020	01322	1.4[+]	0.1	0.075		NICKEL, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7782492	01323	0.020	0.050	0.300		SELENIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440280	01324	1.4[*]	0.002	2.13[*]		THALLIUM, POTENTIALLY, DISSOLVED, WATER	MG/L	Metal
7440611	01326		0.020[c]			URANIUM, POTENTIALLY DISSOLVED, WATER	MG/L	Metal
7440224	01523	4.1[+]	100[s]	0.12		SILVER, IONIC	UG/L	Metal
50328	03648		0.2			BENZO (A) PYRENE, LIQUID FRACTION, ELUTRIATE	UG/L	General Organic
122349	04035		4.0			SIMAZINE, DISSOLVED, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
10028178	04124		20[r]			TRITIUM, TOTAL, WATER	PC/ML	Radiological
10028178	07000		20000[r]			TRITIUM, TOTAL	PC/L	Radiological
10028178	07005		20000[r]			TRITIUM, DISSOLVED	PC/L	Radiological
10028178	07010		20000[r]			TRITIUM, SUSPENDED	PC/L	Radiological
	09501		5.0			RADIUM 226, TOTAL	PC/L	Radiological
	09503		5.0			RADIUM 226, DISSOLVED	PC/L	Radiological
	09505		5.0			RADIUM 226, SUSPENDED	PC/L	Radiological
	11500		5.0			RADIUM 226 + RADIUM 228, DISSOLVED	PC/L	Radiological
	11501		5.0			RADIUM 228, TOTAL	PC/L	Radiological
	11503		5.0			RADIUM 226 + RADIUM 228, TOTAL	PC/L	Radiological
10098972	13501		8.0[r]			STRONTIUM 90, TOTAL	PC/L	Radiological
10098972	13503		8.0[r]			STRONTIUM 90, DISSOLVED	PC/L	Radiological
10098972	13505		8.0[r]			STRONTIUM 90, SUSPENDED	PC/L	Radiological
7782492	22675	20	50	300		SELENIUM, DISSOLVED ORGANIC	UG/L	Metal
7782492	22676	20	50	300		SELENIUM, HEXAVALENT, DISSOLVED	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782492	22677	20	50	300		SELENIUM, TETRAVALENT, DISSOLVED	UG/L	Metal
7440382	22678	360	50	69		ARSENIC, DISSOLVED ORGANIC	UG/L	Metal
7440382	22679	850[*]	50	2319[*]		ARSENIC, PENTAVALENT,DISSOLVED	UG/L	Metal
7440382	22680	360	50	69		ARSENIC, TRIVALENT, DISSOLVED	UG/L	Metal
7440611	22703		20[c]			URANIUM, NATURAL DISSOLVED	UG/L	Metal
7440611	22705		20[c]			URANIUM, NATURAL SUSPENDED	UG/L	Metal
7440611	22706		20[c]			URANIUM, TOTAL AS U308	UG/L	Metal
7440611	22708		0.020[c]			URANIUM, NATURAL, TOTAL	MG/L	Radiological
7440611	28011		20[c]			URANIUM, NATURAL, TOTAL	UG/L	Radiological
88857	30191		7.0			DINOSEB, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
75990	30200		200			DALAPON, WATER, WHOLE RECOVERABLE	UG/L	Pesticide
106934	30203		0.05			ETHANE, 1,2-DIBROMO-, WATER, WHOLE, RECOVERABLE	UG/L	Pesticide
	31501		1.0[n]		1000[b]	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED.	CFU/100ML	Bacteriological
	31503		1.0[n]		1000[b]	COLIFORM, TOTAL, MEMBRANE FILTER, DELAY. M-ENDO	CFU/100ML	Bacteriological
	31504		1.0[n]		1000[b]	COLIFORM, TOTAL, MEMBRANE FILTER, IMMED. LES-ENDO	CFU/100ML	Bacteriological
	31505		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, CONF. TEST 35C (TUBE 31506)	MPN/100ML	Bacteriological
	31506		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, CONF. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31507		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, COMP. TEST 35C (TUBE 31508)	MPN/100ML	Bacteriological
	31508		1.0[n]		1000[b]	COLIFORM, TOTAL, MPN, COMP. TEST, TUBE CONFIG	MPN/100ML	Bacteriological
	31613				200[^]	FECAL COLIFORM, MEMBRANE FILTER, AGAR	CFU/100ML	Bacteriological

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
	31614				200^	FECAL COLIFORM, MPN, TUBE CONFIGURATION	MPN/100ML	Bacteriological
	31615				200^	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	MPN/100ML	Bacteriological
	31616				200^	FECAL COLIFORM, MEMBRANE FILTER, BROTH, 44.5C	CFU/100ML	Bacteriological
	31617				200^	FECAL COLIFORM, MPN, EIJKMAN, 44.5C (TUBE 31618)	MPN/100ML	Bacteriological
	31625				200^	FECAL COLIFORM, MF, M-FC, 0.7 UM	CFU/100ML	Bacteriological
	31648				126^	E. COLI, MTEC, MF	CFU/100ML	Bacteriological
	31649				33^	ENTEROCOCCI, ME, MF	CFU/100ML	Bacteriological
67663	32003	28900*	100t			CARBON CHLOROFORM AND CARBON ALCOHOL EXTRS.,TOTAL	UG/L	General Organic
67663	32005	28900*	100t			CARBON CHLOROFORM EXTRACTABLES	UG/L	General Organic
67663	32021	28900*	100t			CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLES OF	UG/L	General Organic
67663	32022	28900*	100t			CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES OF	UG/L	General Organic
75274	32101		100t			BROMODICHLOROMETHANE, WHOLE WATER	UG/L	General Organic
56235	32102	35200*	5.0	50000*		CARBON TETRACHLORIDE, WHOLE WATER	UG/L	General Organic
107062	32103	118000*	5.0	113000*		1,2-DICHLOROETHANE,WHOLE WATER	UG/L	General Organic
75252	32104		100t			BROMOFORM, WHOLE WATER	UG/L	General Organic
124481	32105		100t			DIBROMOCHLOROMETHANE, WHOLE WATER	UG/L	General Organic
67663	32106	28900*	100t			CHLOROFORM, WHOLE WATER	UG/L	General Organic
56235	32260	35.2*	0.005	50*		CARBON TETRACHLORIDE EXTRACTABLES	MG/L	General Organic
67663	32270	28.9*	0.1t			CHLOROFORM EXTRACTABLES TOTAL	MG/L	General Organic
108883	34010	17500*	1000	6300*		TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
1330207	34020		10000			XYLENES IN WTR SMPLE GC-MS, HEXADECONE EXTR.	UG/L	General Organic
83329	34205	1700*		970*		ACENAPHTHENE, TOTAL	UG/L	General Organic
83329	34206	1700*		970*		ACENAPHTHENE, DISSOLVED	UG/L	General Organic
83329	34207	1700*		970*		ACENAPHTHENE, SUSPENDED	UG/L	General Organic
107028	34210	68*		55*		ACROLEIN, TOTAL	UG/L	Pesticide
107028	34211	68*		55*		ACROLEIN, DISSOLVED	UG/L	Pesticide
107028	34212	68*		55*		ACROLEIN, SUSPENDED	UG/L	Pesticide
107131	34215	7550*				ACRYLONITRILE, TOTAL	UG/L	General Organic
107131	34216	7550*				ACRYLONITRILE, DISSOLVED	UG/L	General Organic
107131	34217	7550*				ACRYLONITRILE, SUSPENDED	UG/L	General Organic
71432	34235	5300*	5.0	5100*		BENZENE, DISSOLVED	UG/L	General Organic
71432	34236	5300*	5.0	5100*		BENZENE, SUSPENDED	UG/L	General Organic
92875	34239	2500*				BENZIDINE, DISSOLVED	UG/L	General Organic
92875	34240	2500*				BENZIDINE, SUSPENDED	UG/L	General Organic
58899	34265	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, DISSOLVED	UG/L	Pesticide
58899	34266	2.0	0.2	0.16		R-BHC (LINDANE) GAMMA, SUSPENDED	UG/L	Pesticide
75252	34288		100[t]			BROMOFORM, DISSOLVED	UG/L	General Organic
75252	34289		100[t]			BROMOFORM, SUSPENDED	UG/L	General Organic
56235	34297	35200*	5.0	50000*		CARBON TETRACHLORIDE, DISSOLVED	UG/L	General Organic
56235	34298	35200*	5.0	50000*		CARBON TETRACHLORIDE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108907	34301		100			CHLOROBENZENE, TOTAL	UG/L	General Organic
108907	34302		100			CHLOROBENZENE, DISSOLVED	UG/L	General Organic
108907	34303		100			CHLOROBENZENE, SUSPENDED	UG/L	General Organic
124481	34306		100[t]			CHLORODIBROMOMETHANE, TOTAL	UG/L	General Organic
124481	34307		100[t]			CHLORODIBROMOMETHANE, DISSOLVED	UG/L	General Organic
124481	34308		100[t]			CHLORODIBROMOMETHANE, SUSPENDED	UG/L	General Organic
67663	34316	28900[*]	100[t]			CHLOROFORM, DISSOLVED	UG/L	General Organic
67663	34317	28900[*]	100[t]			CHLOROFORM, SUSPENDED	UG/L	General Organic
57125	34325	0.022	0.2	0.001		CYANIDE, SUSPENDED	MG/L	General Inorganic
75274	34328		100[t]			DICHLOROBROMOMETHANE, DISSOLVED	UG/L	General Organic
75274	34329		100[t]			DICHLOROBROMOMETHANE, SUSPENDED	UG/L	General Organic
122667	34346	270[*]				1,2-DIPHENYLHYDRAZINE, TOTAL	UG/L	General Organic
122667	34347	270[*]				1,2-DIPHENYLHYDRAZINE, DISSOLVED	UG/L	General Organic
122667	34348	270[*]				1,2-DIPHENYLHYDRAZINE, SUSPENDED	UG/L	General Organic
33213659	34356	0.22		0.034		ENDOSULFAN, BETA, TOTAL	UG/L	Pesticide
33213659	34357	0.22		0.034		ENDOSULFAN, BETA, DISSOLVED	UG/L	Pesticide
33213659	34358	0.22		0.034		ENDOSULFAN, BETA, SUSPENDED	UG/L	Pesticide
959988	34361	0.22		0.034		ENDOSULFAN, ALPHA, TOTAL	UG/L	Pesticide
959988	34362	0.22		0.034		ENDOSULFAN, ALPHA, DISSOLVED	UG/L	Pesticide
959988	34363	0.22		0.034		ENDOSULFAN, ALPHA, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
100414	34371	32000*	700	430*		ETHYLBENZENE, TOTAL	UG/L	General Organic
100414	34372	32000*	700	430*		ETHYLBENZENE, DISSOLVED	UG/L	General Organic
100414	34373	32000*	700	430*		ETHYLBENZENE, SUSPENDED	UG/L	General Organic
206440	34376	3980*		40*		FLUORANTHENE, TOTAL	UG/L	General Organic
206440	34377	3980*		40*		FLUORANTHENE, DISSOLVED	UG/L	General Organic
206440	34378	3980*		40*		FLUORANTHENE, SUSPENDED	UG/L	General Organic
77474	34386	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, TOTAL	UG/L	General Organic
77474	34387	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, DISSOLVED	UG/L	General Organic
77474	34388	7.0*	50	7.0*		HEXACHLOROCYCLOPENTADIENE, SUSPENDED	UG/L	General Organic
87683	34391	90*		32*		HEXACHLOROBUTADIENE, TOTAL	UG/L	General Organic
87683	34392	90*		32*		HEXACHLOROBUTADIENE, DISSOLVED	UG/L	General Organic
87683	34393	90*		32*		HEXACHLOROBUTADIENE, SUSPENDED	UG/L	General Organic
67721	34396	980*		940*		HEXACHLOROETHANE, TOTAL	UG/L	General Organic
67721	34397	980*		940*		HEXACHLOROETHANE, DISSOLVED	UG/L	General Organic
67721	34398	980*		940*		HEXACHLOROETHANE, SUSPENDED	UG/L	General Organic
118741	34401	6.0[p]	1.0			HEXACHLOROBENZENE, DISSOLVED	UG/L	General Organic
118741	34402	6.0[p]	1.0			HEXACHLOROBENZENE, SUSPENDED	UG/L	General Organic
193395	34403		0.40[c]			INDENO (1,2,3-CD) PYRENE, TOTAL	UG/L	General Organic
193395	34404		0.40[c]			INDENO (1,2,3-CD) PYRENE, DISSOLVED	UG/L	General Organic
193395	34405		0.40[c]			INDENO (1,2,3-CD) PYRENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
78591	34408	117000*		12900*		ISOPHORONE, TOTAL	UG/L	Pesticide
78591	34409	117000*		12900*		ISOPHORONE, DISSOLVED	UG/L	Pesticide
78591	34410	117000*		12900*		ISOPHORONE, SUSPENDED	UG/L	Pesticide
75092	34423		5.0			METHYLENE CHLORIDE, TOTAL	UG/L	General Organic
75092	34424		5.0			METHYLENE CHLORIDE, DISSOLVED	UG/L	General Organic
75092	34425		5.0			METHYLENE CHLORIDE, SUSPENDED	UG/L	General Organic
91203	34443	2300*		2350*		NAPHTHALENE, DISSOLVED	UG/L	General Organic
91203	34444	2300*		2350*		NAPHTHALENE, SUSPENDED	UG/L	General Organic
98953	34447	27000*		6680*		NITROBENZENE, TOTAL	UG/L	General Organic
98953	34448	27000*		6680*		NITROBENZENE, DISSOLVED	UG/L	General Organic
98953	34449	27000*		6680*		NITROBENZENE, SUSPENDED	UG/L	General Organic
59507	34452	30*				PARACHLOROMETA CRESOL, TOTAL	UG/L	General Organic
59507	34453	30*				PARACHLOROMETA CRESOL, DISSOLVED	UG/L	General Organic
59507	34454	30*				PARACHLOROMETA CRESOL, SUSPENDED	UG/L	General Organic
87865	34459	20***	1.0	13		PCP (PENTACHLOROPHENOL), DISSOLVED	UG/L	Pesticide
87865	34460	20***	1.0	13		PCP (PENTACHLOROPHENOL), SUSPENDED	UG/L	Pesticide
85018	34461	30p		7.7p		PHENANTHRENE, TOTAL	UG/L	General Organic
85018	34462	30p		7.7p		PHENANTHRENE, DISSOLVED	UG/L	General Organic
85018	34463	30p		7.7p		PHENANTHRENE, SUSPENDED	UG/L	General Organic
108952	34466	10200*		5800*		PHENOL, DISSOLVED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
108952	34467	10200*		5800*		PHENOL, SUSPENDED	UG/L	General Organic
127184	34475	5280*	5.0	10200*		TETRACHLOROETHYLENE, TOTAL	UG/L	General Organic
127184	34476	5280*	5.0	10200*		TETRACHLOROETHYLENE, DISSOLVED	UG/L	General Organic
127184	34477	5280*	5.0	10200*		TETRACHLOROETHYLENE, SUSPENDED	UG/L	General Organic
108883	34481	17500*	1000	6300*		TOLUENE, DISSOLVED	UG/L	General Organic
108883	34482	17500*	1000	6300*		TOLUENE, SUSPENDED	UG/L	General Organic
79016	34485	45000*	5.0	2000*		TRICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
79016	34486	45000*	5.0	2000*		TRICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
75014	34493		2.0			VINYL CHLORIDE, DISSOLVED	UG/L	General Organic
75014	34494		2.0			VINYL CHLORIDE, SUSPENDED	UG/L	General Organic
75354	34501		7.0			1,1-DICHLOROETHYLENE, TOTAL	UG/L	General Organic
75354	34502		7.0			1,1-DICHLOROETHYLENE, DISSOLVED	UG/L	General Organic
75354	34503		7.0			1,1-DICHLOROETHYLENE, SUSPENDED	UG/L	General Organic
71556	34506		200	31200*		1,1,1-TRICHLOROETHANE, TOTAL	UG/L	General Organic
71556	34507		200	31200*		1,1,1-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
71556	34508		200	31200*		1,1,1-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79005	34511		5.0			1,1,2-TRICHLOROETHANE, TOTAL	UG/L	General Organic
79005	34512		5.0			1,1,2-TRICHLOROETHANE, DISSOLVED	UG/L	General Organic
79005	34513		5.0			1,1,2-TRICHLOROETHANE, SUSPENDED	UG/L	General Organic
79345	34516			9020*		1,1,2,2-TETRACHLOROETHANE, TOTAL	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
79345	34517			9020*		1,1,2,2-TETRACHLOROETHANE, DISSOLVED	UG/L	General Organic
79345	34518			9020*		1,1,2,2-TETRACHLOROETHANE, SUSPENDED	UG/L	General Organic
107062	34531	118000*	5.0	113000*		1,2-DICHLOROETHANE, TOTAL	UG/L	General Organic
107062	34532	118000*	5.0	113000*		1,2-DICHLOROETHANE, DISSOLVED	UG/L	General Organic
107062	34533	118000*	5.0	113000*		1,2-DICHLOROETHANE, SUSPENDED	UG/L	General Organic
95501	34536		600			1,2-DICHLOROBENZENE, TOTAL	UG/L	General Organic
95501	34537		600			1,2-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
95501	34538		600			1,2-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
78875	34541		5.0			1,2-DICHLOROPROPANE, TOTAL	UG/L	General Organic
78875	34542		5.0			1,2-DICHLOROPROPANE, DISSOLVED	UG/L	General Organic
78875	34543		5.0			1,2-DICHLOROPROPANE, SUSPENDED	UG/L	General Organic
156605	34546		100			TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER	UG/L	General Organic
156605	34547		100			TRANS-1,2-DICHLOROETHENE, DISSOLVED	UG/L	General Organic
156605	34548		100			TRANS-1,2-DICHLOROETHENE, SUSPENDED	UG/L	General Organic
120821	34551		70			1,2,4-TRICHLOROBENZENE, TOTAL	UG/L	General Organic
120821	34552		70			1,2,4-TRICHLOROBENZENE, DISSOLVED	UG/L	General Organic
120821	34553		70			1,2,4-TRICHLOROBENZENE, SUSPENDED	UG/L	General Organic
541731	34566		600			1,3-DICHLOROBENZENE, TOTAL	UG/L	General Organic
541731	34567		600			1,3-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
541731	34568		600			1,3-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
106467	34571		75			1,4-DICHLOROBENZENE, TOTAL	UG/L	General Organic
106467	34572		75			1,4-DICHLOROBENZENE, DISSOLVED	UG/L	General Organic
106467	34573		75			1,4-DICHLOROBENZENE, SUSPENDED	UG/L	General Organic
95578	34586	4380*				2-CHLOROPHENOL, TOTAL	UG/L	General Organic
95578	34587	4380*				2-CHLOROPHENOL, DISSOLVED	UG/L	General Organic
95578	34588	4380*				2-CHLOROPHENOL, SUSPENDED	UG/L	General Organic
120832	34601	2020*				2,4-DICHLOROPHENOL, TOTAL	UG/L	General Organic
120832	34602	2020*				2,4-DICHLOROPHENOL, DISSOLVED	UG/L	General Organic
120832	34603	2020*				2,4-DICHLOROPHENOL, SUSPENDED	UG/L	General Organic
105679	34606	2120*				2,4-DIMETHYLPHENOL, TOTAL	UG/L	General Organic
105679	34607	2120*				2,4-DIMETHYLPHENOL, DISSOLVED	UG/L	General Organic
105679	34608	2120*				2,4-DIMETHYLPHENOL, SUSPENDED	UG/L	General Organic
121142	34611	330*		590*		2,4-DINITROTOLUENE, TOTAL	UG/L	General Organic
121142	34612	330*		590*		2,4-DINITROTOLUENE, DISSOLVED	UG/L	General Organic
121142	34613	330*		590*		2,4-DINITROTOLUENE, SUSPENDED	UG/L	General Organic
72548	34651	0.6*		3.6*		P,P'-DDD, DISSOLVED	UG/L	Pesticide
72548	34652	0.6*		3.6*		P,P'-DDD, SUSPENDED	UG/L	Pesticide
72559	34653	1050*		14*		P,P'-DDE, DISSOLVED	UG/L	Pesticide
72559	34654	1050*		14*		P,P'-DDE, SUSPENDED	UG/L	Pesticide
50293	34655	1.1		0.13		P,P'-DDT, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
50293	34656	1.1		0.13		P,P'-DDT, SUSPENDED	UG/L	Pesticide
1746016	34675	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), TOT	UG/L	General Organic
1746016	34676	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), DISS	UG/L	General Organic
1746016	34677	0.01*	0.00003			2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN(TCDD), SUSP	UG/L	General Organic
108952	34694	10200*		5800*		PHENOL (C6H5OH) - SINGLE COMPOUND, TOTAL	UG/L	General Organic
91203	34696	2300*		2350*		NAPHTHALENE, TOTAL	UG/L	General Organic
75990	38432		200			DALAPON, WATER, TOTAL	UG/L	Pesticide
75990	38433		200			DALAPON, WATER, DISSOLVED	UG/L	Pesticide
75990	38434		200			DALAPON, WATER, SUSPENDED	UG/L	Pesticide
96128	38437		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL	UG/L	Pesticide
96128	38438		0.2			DIBROMOCHLOROPROPANE, WATER, DISSOLVED	UG/L	Pesticide
96128	38439		0.2			DIBROMOCHLOROPROPANE WATER, SUSPENDED	UG/L	Pesticide
96128	38760		0.2			DBCP, WATER, TOTAL	UG/L	Pesticide
96128	38761		0.2			DBCP, WATER, DISSOLVED	UG/L	Pesticide
96128	38762		0.2			DBCP, WATER, SUSPENDED	UG/L	Pesticide
88857	38779		7.0			DINOSEB, DISSOLVED	UG/L	Pesticide
88857	38780		7.0			DINOSEB, SUSPENDED	UG/L	Pesticide
23135220	38865		200			OXAMYL, TOTAL	UG/L	Pesticide
23135220	38866		200			OXAMYL, DISSOLVED	UG/L	Pesticide
23135220	38867		200			OXAMYL, SUSPENDED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
145733	38926		100			ENDOTHALL, WHOLE WATER SAMPLE	UG/L	Pesticide
2921882	38932	0.083		0.011		CHLORPYRIFOS, TOTAL RECOVERABLE	UG/L	Pesticide
2921882	38933	0.083		0.011		CHLORPYRIFOS, DISSOLVED	UG/L	Pesticide
2163806	38935		50			MONOSODIUM METHANEARSONATE (MSMA)	UG/L	Pesticide
2921882	39012	0.083		0.011		DURSBAN, FLAME PHOTOMETRIC, WATER SAMPLE	UG/L	Pesticide
56382	39015	0.065				ETHYLPARATHION, FLAME IONIFATION, WATER SAMPLE	UG/L	Pesticide
122349	39025		4.0			SIMAZINE, COULSON CONDUCTIVITY WATER SAMPLE	UG/L	Pesticide
87865	39032	20***	1.0	13		PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39033		3.0			ATRAZINE IN WHOLE WATER SAMPLE	UG/L	Pesticide
118741	39039	6.0[p]	1.0			HEXACHLOROBENZENE WATER SAMPLE, ELECTRON CPT	UG/L	Pesticide
93721	39045		50			2,4,5-TP INCLUDES ACIDS & SALTS WATER SAMPLE	UG/L	Pesticide
116063	39053		3.0			ALDICARB IN WHOLE WATER	UG/L	Pesticide
122349	39055		4.0			SIMAZINE IN WHOLE WATER	UG/L	Pesticide
117817	39100	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER	UG/L	General Organic
117817	39103	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED	UG/L	General Organic
117817	39104	2000*	6.0			BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED	UG/L	General Organic
	39117	0.94*		2.994*		PHTHLATE ESTERS IN WATER	MG/L	General Organic
75014	39175		2.0			VINYL CHLORIDE-WHOLE WATER SAMPLE	UG/L	General Organic
79016	39180	45000*	5.0	2000*		TRICHLOROETHYLENE-WHOLE WATER SAMPLE	UG/L	General Organic
50293	39300	1.1		0.13		P,P' DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
72548	39310	0.6*		3.6*		P,P' DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39320	1050*		14*		P,P' DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39330	3.0		1.3		ALDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
309002	39331	3.0		1.3		ALDRIN IN FILT. FRAC. OF WAT. SAMP.	UG/L	Pesticide
309002	39332	3.0		1.3		ALDRIN IN SUSP. FRAC. OF WAT. SAMP.	UG/L	Pesticide
58899	39340	2.0	0.2	0.16		GAMMA-BHC(LINDANE), WHOLE WATER	UG/L	Pesticide
58899	39341	2.0	0.2	0.16		GAMMA-BHC(LINDANE), DISSOLVED	UG/L	Pesticide
58899	39342	2.0	0.2	0.16		GAMMA-BHC(LINDANE), SUSPENDED	UG/L	Pesticide
57749	39350	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), WHOLE WATER	UG/L	Pesticide
57749	39352	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), DISSOLVED	UG/L	Pesticide
57749	39353	2.4	2.0	0.09		CHLORDANE(TECH MIX & METABS), SUSPENDED	UG/L	Pesticide
72548	39360	0.6*		3.6*		DDD IN WHOLE WATER SAMPLE	UG/L	Pesticide
72548	39361	0.6*		3.6*		DDD IN FILT. FRAC. OF WATER SMAPLE	UG/L	Pesticide
72548	39362	0.6*		3.6*		DDD IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39365	1050*		14*		DDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
72559	39366	1050*		14*		DDE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72559	39367	1050*		14*		DDE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39370	1.1		0.13		DDT IN WHOLE WATER SAMPLE	UG/L	Pesticide
50293	39371	1.1		0.13		DDT IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
50293	39372	1.1		0.13		DDT IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
60571	39380	2.5		0.71		DIELDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
60571	39381	2.5		0.71		DIELDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
60571	39382	2.5		0.71		DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
115297	39388	0.22		0.034		ENDOSULFAN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39390	0.18	2.0	0.037		ENDRIN IN WHOLE WATER SAMPLE	UG/L	Pesticide
72208	39391	0.18	2.0	0.037		ENDRIN IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
72208	39392	0.18	2.0	0.037		ENDRIN IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39400	0.73	3.0	0.21		TOXAPHENE IN WHOLE WATER SAMPLE	UG/L	Pesticide
8001352	39401	0.73	3.0	0.21		TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
8001352	39402	0.73	3.0	0.21		TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39410	0.52	0.4	0.053		HEPTACHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	39411	0.52	0.4	0.053		HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
76448	39412	0.52	0.4	0.053		HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1024573	39420	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1024573	39421	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN FILT. FRAC. WATER SAMPLE	UG/L	Pesticide
1024573	39422	0.52	0.2	0.053		HEPTACHLOR EPOXIDE IN SUSP. FRAC. WATER SAMPLE	UG/L	Pesticide
72435	39478		40			METHOXYCHLOR IN WHOLE WATER DISSOLVED	UG/L	Pesticide
72435	39479		40			METHOXYCHLOR IN WHOLE WATER SUSPENDED	UG/L	Pesticide
72435	39480		40			METHOXYCHLOR IN WHOLE WATER SAMPLE	UG/L	Pesticide
56382	39540	0.065				PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
56382	39542	0.065				PARATHION IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
56382	39543	0.065				PARATHION IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
1912249	39630		3.0			ATRAZINE(AATREX) IN WHOLE WATER SAMPLE	UG/L	Pesticide
1912249	39632		3.0			ATRAZINE DISSOLVED IN WATER	PPB	Pesticide
118741	39700	6.0[p]	1.0			HEXACHLOROBENZENE IN WHOLE WATER SAMPLE	UG/L	General Organic
87683	39702	90[*]		32[*]		HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE	UG/L	General Organic
1918021	39720		500			PICLORAM IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39730		70			2,4-D IN WHOLE WATER SAMPLE	UG/L	Pesticide
94757	39732		70			2,4-D IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
94757	39733		70			2,4-D IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39760		50			SILVEX IN WHOLE WATER SAMPLE	UG/L	Pesticide
93721	39762		50			SILVEX IN FILT. FRAC. OF WATER SAMPLE	UG/L	Pesticide
93721	39763		50			SILVEX IN SUSP. FRAC. OF WATER SAMPLE	UG/L	Pesticide
58899	39782	2.0	0.2	0.16		LINDANE IN WHOLE WATER SAMPLE	UG/L	Pesticide
1071836	39941		700			ROUNDUP IN WHOLE WATER SAMPLE (GLYPHOSATE)	UG/L	Pesticide
7782505	45650	0.019		0.013		CHLORINE, IN ORGANIC COMPOUNDS, WATER, WHOLE	MG/L	General Inorganic
56382	46315	0.065				ETHYL PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
58899	46322	2.0	0.2	0.16		LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE	UG/L	Pesticide
76448	46326	0.52	0.4	0.053		HEPTACHLOR AND METABOLITES IN WHOLE H2O SAMPLE	UG/L	Pesticide
15972608	46342		2.0			ALACHLOR (LASSO), WATER, DISSOLVED	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7782505	46472	0.019		0.013		CHLORINE, TOTAL RESIDUAL, AVERAGE VALUE, WATER	MG/L	General Inorganic
7782505	46473	0.019		0.013		CHLORINE, FREE AVAILABLE, AVERAGE VALUE, WATER	MG/L	General Inorganic
57125	46479	22	200	1.0		CYANIDE, DISSOLVED, WATER	UG/L	General Inorganic
7440382	46551	360	50	69		ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILTERED	UG/L	Metal
7440393	46558		2000			BARIUM, FIELD ACIDIFIED W/HNO3-LAB FILT	UG/L	Metal
7440439	46559	3.9[+]	5.0	43		CADMIUM,FIELD ACIDIFIED-HNO3-LAB FILTER	UG/L	Metal
7440473	46560		100			CHROMIUM, FIELD ACIDIFIED-HNO3-LAB FILT.	UG/L	Metal
7440508	46562	18[+]	1300[a]	2.9		COPPER, FIELD ACIDIFIED-HNO3- LAB FILTER.	UG/L	Metal
7439921	46564	82[+]	15[a]	220		LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED	UG/L	Metal
7440224	46566	4.1[+]	100[s]	0.12		SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.	UG/L	Metal
7440666	46567	120[+]	5000[s]	95		ZINC, EXTRACTABLE, FIELD ACID W/HNO3,LAB FILTR	UG/L	Metal
56382	49011	0.065				UNKNOWNS AS PARATHION IN WHOLE WATER SAMPLE	UG/L	Pesticide
7782505	50058	0.019		0.013		CHLORINE DOSE	MG/L	General Inorganic
7782505	50060	0.019		0.013		CHLORINE, TOTAL RESIDUAL	MG/L	General Inorganic
7782505	50064	0.019		0.013		CHLORINE, FREE AVAILABLE	MG/L	General Inorganic
7782505	50066	0.019		0.013		CHLORINE, COMBINED AVAILABLE	MG/L	General Inorganic
7782505	50074	0.019		0.013		CHLORITE, WHOLE WATER	MG/L	General Inorganic
	61215				200[^]	FECAL COLIFORM, GENERAL #/100ML	#/100ML	Bacteriological
16887006	70352	860	250[s]			CHLORIDE, ORGANIC	MG/L	General Organic
14797558	71850		44			NITRATE NITROGEN, TOTAL (AS NO3)	MG/L	Nitrogen

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
14797558	71851		44			NITRATE NITROGEN, DISSOLVED (AS NO3)	MG/L	Nitrogen
14797650	71855		3.3			NITRITE NITROGEN, TOTAL (AS NO2)	MG/L	Nitrogen
14797650	71856		3.3			NITRITE NITROGEN, DISSOLVED (AS NO2)	MG/L	Nitrogen
7439976	71890	2.4	2.0	2.1		MERCURY, DISSOLVED	UG/L	Metal
7439976	71895	2.4	2.0	2.1		MERCURY, SUSPENDED	UG/L	Metal
7439976	71900	2.4	2.0	2.1		MERCURY, TOTAL	UG/L	Metal
7439976	71901	2.4	2.0	2.1		MERCURY,TOTAL RECOVERABLE IN WATER AS HG	UG/L	Metal
7440439	71946	3.9[+]	5.0	43		CADMIUM, EXTRACTABLE	UG/L	Metal
7440473	71947		100			CHROMIUM, EXTRACTABLE	UG/L	Metal
7439921	71949	82[+]	15[a]	220		LEAD, EXTRACTABLE	UG/L	Metal
7440666	71950	120[+]	5000[s]	95		ZINC, EXTRACTABLE	UG/L	Metal
7440508	71951	18[+]	1300[a]	2.9		COPPER, EXTRACTABLE	UG/L	Metal
1336363	76011	2000	500	10000		PCBS, SUSPENDED, WATER	NG/L	General Organic
1336363	76012	2000	500	10000		PCBS, TOTAL RECOVERABLE, WATER	NG/L	General Organic
156592	77093		70			CIS-1,2-DICHLOROETHYLENE, WHOLE WATER	UG/L	General Organic
100425	77128		100			STYRENE, WHOLE WATER	UG/L	General Organic
106489	77296			29700[*]		P-CHLOROPHENOL, WHOLE WATER	UG/L	General Organic
106934	77651		0.05			1,2-DIBROMOETHANE, WHOLE WATER	UG/L	General Organic
95954	77687	100[p]		240[p]		2,4,5-TRICHLOROPHENOL, WHOLE WATER	UG/L	General Organic
935955	77769			440[*]		2,3,5,6-TETRACHLOROPHENOL, WHOLE WATER	UG/L	General Organic

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
103231	77903		400			BIS (2-ETHYLHEXYL) ADIPATE, WHOLE WATER	UG/L	General Organic
18540299	78247	16	100	1100		CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE	UG/L	Metal
57125	78248	22	200	1.0		CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE	UG/L	Metal
	78456	11*		12*		HALOMETHANES, SUMMATION, WHOLE WATER	MG/L	General Organic
14808798	78462		250[s]			SULFATE, WATER, DISSOLVED AS S	MG/L	Metal
85007	78885		20			DIQUAT DIBROMIDE (REGLONE) WHOLE WATER SAMPLE	UG/L	Pesticide
7440611	80020		20[c]			URANIUM, DISS. BY EXTRACTION FLUOROMETRIC	UG/L	Radiological
16065831	80357	1700	100	10300*		CHROMIUM, TRIVALENT, DISSOLVED	UG/L	Metal
57125	81208	0.022	0.2	0.001		CYANIDE,FREE (NOT AMENABLE TO CHLORINATION)	MG/L	General Inorganic
608731	81283	100*		0.34*		BENZENEHEXACHLORIDE, WHOLE WATER	UG/L	Pesticide
88857	81287		7.0			DNBP(C10H12N2O5), WHOLE WATER SAMPLE	UG/L	Pesticide
26638197	81327	23000*	5.0	10300*		DICHLOROPROPANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81333	1120*		1970*		DICHLOROBENZENE ISOMER, WHOLE WATER SAMPLE	UG/L	General Organic
2921882	81403	0.083		0.011		DURSBAN (CHLOROPYRIFOS) WHOLE WATER SAMPLE	UG/L	Pesticide
1563662	81405		40			CARBOFURAN (EURADAN) WHOLE WATER SAMPLE	UG/L	Pesticide
76017	81501	7240*		390*		PENTACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
25321226	81524	1120*		1970*		DICHLOROBENZENE, WHOLE WATER SAMPLE	UG/L	General Organic
25322207	81549	9320*				TETRACHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
26638197	81703	23*	0.005*	10.3*		DICHLOROPROPANE, WHOLE WATER SAMPLE	MG/L	General Organic
7440508	81750	18+	1300[a]	2.9		COPPER, INTERSTITIAL WATERFROM SEDIMENTS	UG/L	Metal

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
7440020	81752	1400[+]	100	75		NICKEL, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
7440666	81754	120[+]	5000[s]	95		ZINC, INTERSTITIAL WATER FROM SEDIMENTS	UG/L	Metal
25323891	81853	18000[*]				TRICHLOROETHANE, WHOLE WATER SAMPLE	UG/L	General Organic
7439976	81931	2.4	2.0	2.1		MERCURY (HG) SUSPENDED FRACTION OF WATER	UG/G	Metal
7440666	81933	120[+]	5000[s]	95		ZINC (ZN) SUSPENDED FRACTION OF WATER	UG/G	Metal
7439921	81936	82[+]	15[a]	220		LEAD (PB) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440439	81937	3.9[+]	5.0	43		CADMIUM (CD) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81938		100			CHROMIUM (CR) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440508	81939	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440666	81940	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED CATIONIC SPECIES	UG/L	Metal
7440473	81941		100			CHROMIUM (CR) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440508	81942	18[+]	1300[a]	2.9		COPPER (CU) DISSOLVED ANIONIC SPECIES	UG/L	Metal
7440666	81943	120[+]	5000[s]	95		ZINC (ZN) DISSOLVED ANIONIC SPECIES	UG/L	Metal
	82078				50[1]	TURBIDITY, FIELD	NTU	Physical
	82079				50[1]	TURBIDITY, LAB	NTU	Physical
88857	82226		7.0			2 SECONDARY BUTYL 4,6-DINITROPHENOL	UG/L	Pesticide
16887006	82295	860000	250000[s]			CHLORIDE DISSOLVED AS CL IN WATER	UG/L	General Inorganic
72435	82350		40			METHOXYCHLOR, DISSOLVED IN WATER	UG/L	Pesticide
72435	82351		40			METHOXYCHLOR, SUSPENDED IN WATER	UG/L	Pesticide
115297	82354	0.22		0.034		ENDOSULFAN, DISSOLVED IN WATER	UG/L	Pesticide

C.A.S. Number	STORET Code	FRESH ACUTE	DRINKING WATER	MARINE ACUTE	OTHER	PARAMETER DESCRIPTION	UNITS	CATEGORY
115297	82355	0.22		0.034		ENDOSULFAN, SUSPENDED IN WATER	UG/L	Pesticide
57125	82573	0.022	0.2	0.001		CYANIDE/CHLORINATION IN WATER	MG/L	General Inorganic
1646873	82586		4.0			ALDICARB SULFOXIDE, WATER, TOTAL RECOVERABLE	UG/L	General Organic
1646884	82587		2.0			ALDICARB SULFONE, WHOLE WATER, TOTAL RECOVERABLE	UG/L	General Organic
23135220	82613		200			OXAMYL, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
1563662	82615		40			CARBOFURAN, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
116063	82619		3.0			ALDICARB, WHOLE WATER, TOTAL RECOVERABLE	UG/L	Pesticide
33213659	82624	0.22		0.034		ENDOSULFAN, BETA, WH WATER, TOTAL RECOVERABLE	UG/L	Pesticide
96128	82625		0.2			DIBROMOCHLOROPROPANE, WATER, TOTAL RECOVERABLE	UG/L	Pesticide
7440382	82702	360	50	69		ARSENIC, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440393	82703		2			BARIUM, FIELD ACIDIFIED, DECANTED, WATER	MG/L	Metal
7440417	82704	130[*]	4.0			BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440439	82705	3.9[+]	5.0	43		CADMIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440473	82706		100			CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440508	82708	18[+]	1300[a]	2.9		COPPER, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7439921	82711	82[+]	15[a]	220		LEAD, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7439976	82713	2.4	2.0	2.1		MERCURY, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440020	82715	1400[+]	100	75		NICKEL, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440224	82716	4.1[+]	100[s]	0.12		SILVER, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal
7440666	82719	120[+]	5000[s]	95		ZINC, FIELD ACIDIFIED, DECANTED, WATER	UG/L	Metal

Footnote Key:

[*]Insufficient Data to Develop Criteria. Value Presented is the L.O.E.L. - Lowest Observed Effect Level.

[+]Hardness Dependent Criteria (100 mg/L $CaCO_3$ Used).

[***]pH Dependent Criteria (7.8 pH Used).

[=]Rule of thumb criterion used by the NPS Air Quality Division for determining sensitivity to acid deposition.

[^]Freshwater bathing criterion, EPA geometric mean based on at least 5 samples equally spaced over a 30-day period; Enterococci marine water bathing criterion 35 CFU/100 ml.

[#]EPA freshwater aquatic life chronic criterion; marine criterion is ≤6.5, ≥8.5.

[!]Arizona state standard.

[a]EPA action level, 40 CFR 141.80.

[b]California and Florida state bathing water standards.

[c]A Compilation of Water Quality Goals, California Regional Water Quality Control Board Central Valley Region, Sacramento, California, September, 1991.

[n]Total coliform drinking water maximum contaminant level (1 cfu/100ml or 1 mpn/100ml) was not used in water quality criteria comparisons.

[p]Proposed Criterion.

[r]Average annual concentration assumed to produce a total body or organ dose of 4 mrem/year, 40 CFR 141.16.

[s]EPA National Secondary Drinking Water Regulation, 40 CFR 143.

[t]The maximum contaminant level for the sum of the concentrations of trihalomethanes is 100 µg/L, 40 CFR 141.12.

[u]Coldwater criterion one day minimum; warmwater criterion seven day mean minimum.

Appendix G

Inventory Data Evaluation and Analysis (IDEA)
Servicewide Inventory and Monitoring Program "Level I"
Parameter Groups

The following table provides the Servicewide Inventory and Monitoring Program's "Level I" water quality inventory parameter groups (National Park Service 1993). In order to determine the presence and/or absence of data for each of these parameter groups in the park, the parameter groups had to be defined by STORET parameter codes. This table provides the STORET codes and parameter descriptions for each parameter comprising one of the Servicewide Inventory and Monitoring Program's "Level I" water quality parameter groups. Additional parameters could have been incorporated into each group, but an effort was made to represent each group with the parameters deemed to most likely occur in STORET and parks. The Toxic Elements Parameter Group was defined as the EPA's Clean Water Act Section 304(a) Priority Toxic Pollutants (40 CFR 131.36). Parameters are listed in ascending order of STORET code within each parameter group. It is important to note that similar parameters often have non-consecutive codes. Consequently, scanning the entire list is necessary to find all the parameters of a particular type (eg. lead, copper, etc.). Refer to the Parameter Period of Record Tabulation to obtain the STORET code for any parameter measured in the park.

STORET Code	Water Temperature Parameter Group	C.A.S. Number
00010	TEMPERATURE, WATER (DEGREES CENTIGRADE)	-
00011	TEMPERATURE, WATER (DEGREES FAHRENHEIT)	-
STORET Code	**Flow Parameter Group[1]**	**C.A.S. Number**
00056	FLOW RATE, GALLONS/DAY	-
00058	FLOW RATE, GALLONS/MIN.	-
00059	FLOW RATE, INSTANTANEOUS, GALLONS/MINUTE	-
00060	FLOW, STREAM, MEAN DAILY CFS	-
00061	FLOW, STREAM, INSTANTANEOUS CFS	-
00065	STAGE, STREAM (FEET)	-
00067	TIDE STAGE CODE	-
00072	STAGE, STREAM (METERS)	-

[1]Tide stage is included in the Flow Parameter Group for coastal parks.

STORET Code	Clarity/Turbidity Parameter Group	C.A.S. Number
00070	TURBIDITY, (JACKSON CANDLE UNITS)	-
00075	TURBIDITY, HELLIGE (PPM AS SILICON DIOXIDE)	-
00076	TURBIDITY, HACH TURBIDIMETER (FORMAZIN TURB UNIT)	-
00077	TRANSPARENCY, SECCHI DISC (INCHES)	-
00078	TRANSPARENCY, SECCHI DISC (METERS)	-
00530	RESIDUE, TOTAL NONFILTRABLE (MG/L)	-
82078	TURBIDITY, FIELD NEPHELOMETRIC TURBIDITY UNITS NTU	-
82079	TURBIDITY, LAB NEPHELOMETRIC TURBIDITY UNITS, NTU	-

STORET Code	Conductivity Parameter Group	C.A.S. Number
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM @ 25C)	-
00095	SPECIFIC CONDUCTANCE (UMHOS/CM @ 25C)	-
00096	SALINITY AT 25 DEGREES C (MG/ML)	-
00480	SALINITY - PARTS PER THOUSAND	-

STORET Code	Dissolved Oxygen Parameter Group	C.A.S. Number
00299	OXYGEN, DISSOLVED, ANALYSIS BY PROBE (MG/L)	7782447
00300	OXYGEN, DISSOLVED (MG/L)	7782447
00301	OXYGEN, DISSOLVED, PERCENT OF SATURATION	7782447
00389	OXYGEN, DISSOLVED, LAB ANAL. BY PROBE OF FIELD SAMPLE (MG/L)	7782447

STORET Code	pH Parameter Group	C.A.S. Number
00400	PH (STANDARD UNITS)	-
00403	PH, LAB (STANDARD UNITS)	-
00406	PH, FIELD (STANDARD UNITS)	-

STORET Code	Alkalinity Parameter Group	C.A.S. Number
00409	ALKALINITY, TOTAL, LOW LEVEL GRAN ANALYSIS (µEQ/L)	471341
00410	ALKALINITY, TOTAL (MG/L AS CACO3)	471341
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)	77098
00430	ALKALINITY, CARBONATE (MG/L AS CACO3)	471341
00435	ACIDITY, TOTAL (MG/L AS CACO3)	471341
00440	BICARBONATE ION (MG/L AS HCO3)	71523
00445	CARBONATE ION (MG/L AS CO3)	3812326
STORET Code	**Nitrate/Nitrogen Parameter Group**	**C.A.S. Number**
00600	NITROGEN, TOTAL (MG/L AS N)	17778880
00602	NITROGEN, DISSOLVED (MG/L AS N)	17778880
00605	NITROGEN, ORGANIC, TOTAL (MG/L AS N)	17778880
00607	NITROGEN, ORGANIC, DISSOLVED (MG/L AS N)	17778880
00608	NITROGEN, AMMONIA, DISSOLVED (MG/L AS N)	17778880
00610	NITROGEN, AMMONIA, TOTAL (MG/L AS N)	17778880
00612	AMMONIA, UNIONZED (MG/L AS N)	7664417
00618	NITRATE NITROGEN, DISSOLVED (MG/L AS N)	17778880
00620	NITRATE NITROGEN, TOTAL (MG/L AS N)	17778880
00623	NITROGEN, KJELDAHL, DISSOLVED (MG/L AS N)	17778880
00625	NITROGEN, KJELDAHL, TOTAL (MG/L AS N)	17778880
00630	NITRITE PLUS NITRATE, TOTAL 1 DET. (MG/L AS N)	17778880
00631	NITRITE PLUS NITRATE, DISSOLVED 1 DET. (MG/L AS N)	17778880
71845	NITROGEN, AMMONIA, TOTAL (MG/L AS NH4)	14798039
71846	NITROGEN, AMMONIA, DISSOLVED (MG/L AS NH4)	14798039
71850	NITRATE NITROGEN, TOTAL (MG/L AS NO3)	14797558
71851	NITRATE NITROGEN, DISSOLVED (MG/L AS NO3)	14797558
71855	NITRITE NITROGEN, TOTAL (MG/L AS NO2)	14797650
71856	NITRITE NITROGEN, DISSOLVED (MG/L AS NO2)	14797650

STORET Code	Phosphate/Phosphorus Parameter Group	C.A.S. Number
00650	PHOSPHATE, TOTAL (MG/L AS PO4)	14265442
00655	PHOSPHATE, POLY (MG/L AS PO4)	14265442
00660	PHOSPHATE, ORTHO (MG/L AS PO4)	14265442
00665	PHOSPHORUS, TOTAL (MG/L AS P)	7723140
00666	PHOSPHORUS, DISSOLVED (MG/L AS P)	7723140
00670	PHOSPHORUS, TOTAL ORGANIC (MG/L AS P)	7723140
00671	PHOSPHORUS, DISSOLVED ORTHOPHOSPHATE (MG/L AS P)	7723140
70505	PHOSPHORUS, TOTAL, COLORIMETRIC METHOD (MG/L AS P)	7723140
70507	PHOSPHORUS, IN TOTAL ORTHOPHOSPHATE (MG/L AS P)	7723140

STORET Code	Sulfates/Total Dissolved Solids/Hardness Parameter Group	C.A.S. Number
00900	HARDNESS, TOTAL (MG/L AS CACO3)	471341
00945	SULFATE, TOTAL (MG/L AS SO4)	14808798
00946	SULFATE, DISSOLVED (MG/L AS SO4)	14808798
70300	RESIDUE, TOTAL FILTRABLE (DRIED AT 180C), (MG/L)	-

STORET Code	Chlorophyll Parameter Group	C.A.S. Number
32209	CHLOROPHYLL A (UG/L) FLUOROMETRIC CORRECTED	479618
32210	CHLOROPHYLL A (UG/L) TRICHROMATIC UNCORRECTED	479618
32211	CHLOROPHYLL A (UG/L) SPECTROPHOTOMETRIC ACID METH.	479618
32217	CHLOROPHYLL A (UG/L) FLUOROMETRIC UNCORRECTED	479618
32223	CHLOROPHYLL A (MG/M2) SPECTROPHOTOMETRIC CORRECTED	479618
32228	CHLOROPHYLL A (MG/M2) PERIPHYTON SPECTRO.	479618
32229	CHLOROPHYLL A (MG/M2) FLUOR. CORRECTED, SUBSTRATER	479618
32230	CHLOROPHYLL A (MG/L)	479618

STORET Code	Bacteria Parameter Group	C.A.S. Number
00111	RATIO OF FECAL COLIFORM TO FECAL STREPTOCOCCI	-
31501	COLIFORM, TOT, MEMBRANE FILTER, IMMED., M-ENDO MED,35C	-
31503	COLIFORM, TOT, MEMBRANE FILTER, DELAY, M-ENDO MED, 35C	-
31504	COLIFORM, TOT, MEMBRANE FILTER, IMMED., LES-ENDO AGAR, 35C	-
31505	COLIFORM, TOT, MPN, CONFIRMED TEST,35C(TUBE 31506)	-
31506	COLIFORM, TOT, MPN, CONFIRMED TEST, TUBE CONFIG.	-
31507	COLIFORM, TOT, MPN, COMPLETED TEST,35C(TUBE 31508)	-
31508	COLIFORM, TOT, MPN, COMPLETED TEST, TUBE CONFIG.	-
31613	FECAL COLIFORM, MEMBR, FILTER,M-FC AGAR,44.5C,24HR	-
31614	FECAL COLIFORM, MPN, TUBE CONFIGURATION	-
31615	FECAL COLIFORM, MPN, EC MED, 44.5C (TUBE 31614)	-
31616	FECAL COLIFORM, MEMBR FILTER, M-FC BROTH, 44.5C	-
31617	FECAL COLIFORM, MPN,EIJKMAN TEST,44.5C(TUBE 31618)	-
31625	FECAL COLIFORM, MF, M-FC, 0.7 UM	-
31648	E. COLI - MTEC-MF	-
31649	ENTEROCOCCI- ME-MF	-
31673	FECAL STREPTOCOCCI, MBR FILT, KF AGAR, 35C, 48HR	-
31676	FECAL STREPTOCOCCI, MPN, KF BROTH, TUBE CONFIG.	-
31677	FECAL STREPTOCOCCI, MPN, AD-EVA, 35C (TUBE 31678)	-
31751	PLATE COUNT, TOTAL, TPC AGAR, 35C, 24 HRS	-
61214	FECAL STREPTOCOCCI, GENERAL #/100ML	-
61215	FECAL COLIFORM, GENERAL #/100ML	-
STORET Code	**Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants)**	**C.A.S. Number**
00718	CYANIDE, WEAK ACID, DISSOC. WATER, WHOLE (UG/L)	57125
00719	CYANIDE, FREE, IN WATER & WASTEWATERS, HBG (UG/L)	57125
00720	CYANIDE, TOTAL (MG/L AS CN)	57125
00722	CYANIDE, FREE (AMENABLE TO CHLORINATION) (MG/L)	57125

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
00723	CYANIDE, DISSOLVED STD METHOD (UG/L)	57125
00724	CYANIDE COMPLEXED TO A RANGE OF COMPNDS (UG/L)	57125
00969	CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00973	AMPHIBOLE ASBESTOS FIBERS/LITER	1332214
00976	AMBIGUOUS ASBESTOS FIBERS/LITER	1332214
00977	NON-AMPHIBOLE NON-CHRYSOTILE ASBESTOS FIBERS/LITER	1332214
00978	ARSENIC, TOTAL RECOVERABLE IN WATER AS AS	7440382
00981	SELENIUM, TOTAL RECOVERABLE IN WATER AS SE (UG/L)	7782492
00982	THALLIUM, TOTAL RECOVERABLE IN WATER AS (UG/L)	7440280
00990	SELENITE, TOTAL RECOVERABLE INORGANIC (UG/L)	7782492
00991	ARSENIC, TOTAL RECOVER. TRIVALENT INORGANIC (UG/L)	7440382
00995	ARSENIC, INORGANIC DISSOLVED (UG/L AS AS)	7440382
00996	ARSENIC, INORGANIC SUSPENDED (UG/L AS AS)	7440382
00997	ARSENIC, INORGANIC TOTAL (UG/L AS AS)	7440382
00998	BERYLLIUM, TOTAL RECOVERABLE IN WATER AS BE (UG/L)	7440417
01000	ARSENIC, DISSOLVED (UG/L AS AS)	7440382
01001	ARSENIC, SUSPENDED (UG/L AS AS)	7440382
01002	ARSENIC, TOTAL (UG/L AS AS)	7440382
01010	BERYLLIUM, DISSOLVED (UG/L AS BE)	7440417
01011	BERYLLIUM, SUSPENDED (UG/L AS BE)	7440417
01012	BERYLLIUM, TOTAL (UG/L AS BE)	7440417
01025	CADMIUM, DISSOLVED (UG/L AS CD)	7440439
01026	CADMIUM, SUSPENDED (UG/L AS CD)	7440439
01027	CADMIUM, TOTAL (UG/L AS CD)	7440439
01030	CHROMIUM, DISSOLVED (UG/L AS CR)	7440473
01031	CHROMIUM, SUSPENDED (UG/L AS CR)	7440473
01032	CHROMIUM, HEXAVALENT (UG/L AS CR)	7440473
01033	CHROMIUM, TRI-VAL (UG/L AS CR)	16065831
01034	CHROMIUM, TOTAL (UG/L AS CR)	7440473

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01040	COPPER, DISSOLVED (UG/L AS CU)	7440508
01041	COPPER, SUSPENDED (UG/L AS CU)	7440508
01042	COPPER, TOTAL (UG/L AS CU)	7440508
01049	LEAD, DISSOLVED (UG/L AS PB)	7439921
01050	LEAD, SUSPENDED (UG/L AS PB)	7439921
01051	LEAD, TOTAL (UG/L AS PB)	7439921
01057	THALLIUM, DISSOLVED (UG/L AS TL)	7440280
01058	THALLIUM, SUSPENDED (UG/L AS TL)	7440280
01059	THALLIUM, TOTAL (UG/L AS TL)	7440280
01065	NICKEL, DISSOLVED (UG/L AS NI)	7440020
01066	NICKEL, SUSPENDED (UG/L AS NI)	7440020
01067	NICKEL, TOTAL (UG/L AS NI)	7440020
01074	NICKEL, TOTAL RECOVERABLE IN WATER AS NI (UG/L)	7440020
01075	SILVER, DISSOLVED (UG/L AS AG)	7440224
01076	SILVER, SUSPENDED (UG/L AS AG)	7440224
01077	SILVER, TOTAL (UG/L AS AG)	7440224
01079	SILVER, TOTAL RECOVERABLE IN WATER AS AG (UG/L)	7440224
01089	COPPER AS SUSPENDED BLACK OXIDE IN WATER (MG/L)	7440508
01090	ZINC, DISSOLVED (UG/L AS ZN)	7440666
01091	ZINC, SUSPENDED (UG/L ZN)	7440666
01092	ZINC, TOTAL (UG/L AS ZN)	7440666
01094	ZINC, TOTAL RECOVERABLE IN WATER AS ZN (UG/L)	7440666
01095	ANTIMONY, DISSOLVED (UG/L AS SB)	7440360
01096	ANTIMONY, SUSPENDED (UG/L AS SB)	7440360
01097	ANTIMONY, TOTAL (UG/L AS SB)	7440360
01113	CADMIUM, TOTAL RECOVERABLE IN WATER AS CD (UG/L)	7440439
01114	LEAD, TOTAL RECOVERABLE IN WATER AS PB (UG/L)	7439921
01118	CHROMIUM, TOTAL RECOVERABLE IN WATER AS CR (UG/L)	7440473
01119	COPPER,TOTAL RECOVERABLE IN WATER AS CU (UG/L)	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01124	THALLIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7440280
01128	THALLIUM,TOTAL RECOVERABLE <95%, UG/L AS TL	7440280
01138	SELENIUM, IN WATER, LBS/DAY	7782492
01145	SELENIUM, DISSOLVED (UG/L AS SE)	7782492
01146	SELENIUM, SUSPENDED (UG/L AS SE)	7782492
01147	SELENIUM, TOTAL (UG/L AS SE)	7782492
01167	SELENIUM, ACID SOLUBLE, WATER, WHOLE (UG/L)	7782492
01220	CHROMIUM, HEXAVALENT, DISSOLVED IN (UG/L AS CR)	18540299
01252	ARSENIC, LB/DAY/CFS STREAM FLOW	7440382
01253	CADMIUM, LB/DAY/CFS STREAM FLOW	7440439
01254	CHROMIUM, TOTAL (LBS/DAY/CFS STREAM FLOW)	7740473
01255	CHROMIUM, HEXAVALENT, LB/DAY/CFS STREAM FLOW	18540299
01256	COPPER, LB/DAY/CFS STREAM FLOW	7440508
01257	CYANIDE LB/DAY/CFS STREAM FLOW	57125
01259	LEAD, LB/DAY/CFS STREAM FLOW	7439921
01260	MERCURY, LB/DAY/CFS STREAM FLOW	7439976
01261	NICKEL, LB/DAY/CFS STREAM FLOW	7440020
01263	SILVER, LB/DAY/CFS STREAM FLOW	7440224
01264	ZINC LB/DAY/CFS STREAM FLOW	7440666
01268	ANTIMONY, (SB), WATER, TOTAL RECOVERABLE (UG/L)	7440360
01291	CYANIDE, FILTERABLE, TOTAL IN WATER (UG/L)	57125
01303	ZINC, POTENTIALLY DISSOLVED WATER (MG/L)	7440666
01304	SILVER, POTENTIALLY DISSOLVED WATER (MG/L)	7440224
01306	COPPER, POTENTIALLY DISSOLVED WATER (MG/L)	7440508
01307	CHROMIUM, HEXAVALENT, POTENT. DISS. WATER (MG/L)	18540299
01309	ARSENIC, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440382
01312	BERYLLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440417
01313	CADMIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440439

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
01314	CHROMIUM, TRIVALENT, POTENT., DISS., WATER (MG/L)	16065831
01318	LEAD, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439921
01321	MERCURY, POTENTIALLY, DISSOLVED, WATER (MG/L)	7439976
01322	NICKEL, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440020
01323	SELENIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7782492
01324	THALLIUM, POTENTIALLY, DISSOLVED, WATER (MG/L)	7440280
01523	SILVER, IONIC (UG/L)	7440224
22675	SELENIUM, DISSOLVED ORGANIC (UG/L)	7782492
22676	SELENIUM, HEXAVALENT, DISSOLVED (UG/L)	7782492
22677	SELENIUM, TETRAVALENT, DISSOLVED	7782492
22678	ARSENIC, DISSOLVED ORGANIC (UG/L)	7440382
22679	ARSENIC, PENTAVALENT, DISSOLVED (UG/L)	7440382
22680	ARSENIC, TRIVALENT, DISSOLVED (UG/L)	7440382
30197	2-CHLOROETHYLVINYL ETHER,WATER,WHL,RECOVER (UG/L)	110758
30201	CHLOROMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74873
30202	BROMOMETHANE, WATER, WHOLE, RECOVERABLE (UG/L)	74839
32003	CARBON CHLOROFORM AND CARBON ALCOHOL EXT. (UG/L)	67663
32005	CARBON CHLOROFORM EXTRACTABLES (UG/L)	67663
32021	CARBON CHLOROFORM EXTRACTS, ETHER INSOLUBLE (UG/L)	67663
32022	CARBON CHLOROFORM EXTRACTS, WATER SOLUBLES (UG/L)	67663
32101	BROMODICHLOROMETHANE, WHOLE WATER (UG/L)	75274
32102	CARBON TETRACHLORIDE, WHOLE WATER, (UG/L)	56235
32103	1,2-DICHLOROETHANE, WHOLE WATER (UG/L)	107062
32104	BROMOFORM, WHOLE WATER, (UG/L)	75252
32105	DIBROMOCHLOROMETHANE, WHOLE WATER, (UG/L)	124481
32106	CHLOROFORM, WHOLE WATER (UG/L)	67663
32260	CARBON TETRACHLORIDE EXTRACTABLES (MG/L)	56235
32270	CHLOROFORM EXTRACTABLES TOTAL IN MG PER LITER	67663

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34010	TOLUENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	108883
34030	BENZENE IN WTR SMPLE GC-MS, HEXADECONE EXT. (UG/L)	71432
34198	BHC-DELTA, WATER, WHOLE (LBS/DAY)	319868
34200	ACENAPHTHYLENE, TOTAL (UG/L)	208968
34201	ACENAPHTHYLENE, DISSOLVED (UG/L)	208968
34202	ACENAPHTHYLENE, SUSPENDED (UG/L)	208968
34205	ACENAPHTHENE, TOTAL (UG/L)	83329
34206	ACENAPHTHENE, DISSOLVED (UG/L)	83329
34207	ACENAPHTHENE, SUSPENDED (UG/L)	83329
34210	ACROLEIN, TOTAL (UG/L)	107028
34211	ACROLEIN, DISSOLVED (UG/L)	107028
34212	ACROLEIN, SUSPENDED (UG/L)	107028
34215	ACRYLONITRILE, TOTAL (UG/L)	107131
34216	ACRYLONITRILE, DISSOLVED (UG/L)	107131
34217	ACRYLONITRILE, SUSPENDED (UG/L)	107131
34220	ANTHRACENE, TOTAL (UG/L)	120127
34221	ANTHRACENE, DISSOLVED (UG/L)	120127
34222	ANTHRACENE, SUSPENDED (UG/L)	120127
34225	ASBESTOS (FIBROUS) TOTAL (UG/L)	1332214
34226	ASBESTOS (FIBROUS) DISSOLVED (UG/L)	1332214
34227	ASBESTOS (FIBROUS) SUSPENDED (UG/L)	1332214
34230	BENZO(B)FLUORANTHENE, WHOLE WATER (UG/L)	205992
34231	BENZO(B)FLUORANTHENE, DISSOLVED (UG/L)	205992
34232	BENZO(B)FLUORANTHENE, SUSPENDED (UG/L)	205992
34235	BENZENE, DISSOLVED (UG/L)	71432
34236	BENZENE, SUSPENDED (UG/L)	71432
34239	BENZIDINE, DISSOLVED (UG/L)	92875
34240	BENZIDINE, SUSPENDED (UG/L)	92875

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34242	BENZO(K)FLUORANTHENE, TOTAL (UG/L)	207089
34243	BENZO(K)FLUORANTHENE, DISSOLVED (UG/L)	207089
34244	BENZO(K)FLUORANTHENE, SUSPENDED (UG/L)	207089
34247	BENZO-A-PYRENE, TOTAL (UG/L)	50328
34248	BENZO-A-PYRENE, DISSOLVED (UG/L)	50328
34249	BENZO-A-PYRENE, SUSPENDED (UG/L)	50328
34253	A-BHC-ALPHA, DISSOLVED (UG/L)	319846
34254	A-BHC-ALPHA, SUSPENDED (UG/L)	319846
34255	B-BHC-BETA, DISSOLVED (UG/L)	319857
34256	B-BHC-BETA, SUSPENDED (UG/L)	319857
34259	DELTA BENZENE HEXACHLORIDE, TOTAL (UG/L)	319868
34260	DELTA BENZENE HEXACHLORIDE, DISSOLVED (UG/L)	319868
34261	DELTA BENZENE HEXACHLORIDE, SUSPENDED (UG/L)	319868
34265	R-BHC (LINDANE) GAMMA, DISSOLVED (UG/L)	58899
34266	R-BHC (LINDANE) GAMMA, SUSPENDED (UG/L)	58899
34273	BIS (2-CHLOROETHYL) ETHER, TOTAL (UG/L)	111444
34274	BIS (2-CHLOROETHYL) ETHER, DISSOLVED (UG/L)	111444
34275	BIS (2-CHLOROETHYL) ETHER, SUSPENDED (UG/L)	111444
34278	BIS (2-CHLOROETHOXY) METHANE, TOTAL (UG/L)	111911
34279	BIS (2-CHLOROETHOXY) METHANE, DISSOLVED (UG/L)	111911
34280	BIS (2-CHLOROETHOXY) METHANE, SUSPENDED (UG/L)	111911
34288	BROMOFORM, DISSOLVED (UG/L)	75252
34289	BROMOFORM, SUSPENDED (UG/L)	75252
34292	N-BUTYL BENZYL PHTHALATE, WHOLE WATER (UG/L)	85687
34293	N-BUTYL BENZYL PHTHALATE, DISSOLVED (UG/L)	85687
34294	N-BUTYL BENZYL PHTHALATE, SUSPENDED (UG/L)	85687
34297	CARBON TETRACHLORIDE, DISSOLVED (UG/L)	56235
34298	CARBON TETRACHLORIDE, SUSPENDED (UG/L)	56235

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34301	CHLOROBENZENE, TOTAL (UG/L)	108907
34302	CHLOROBENZENE, DISSOLVED (UG/L)	108907
34303	CHLOROBENZENE, SUSPENDED (UG/L)	108907
34306	CHLORODIBROMOMETHANE, TOTAL (UG/L)	124481
34307	CHLORODIBROMOMETHANE, DISSOLVED (UG/L)	124481
34308	CHLORODIBROMOMETHANE, SUSPENDED (UG/L)	124481
34311	CHLOROETHANE, TOTAL (UG/L)	75003
34312	CHLOROETHANE, DISSOLVED (UG/L)	75003
34313	CHLOROETHANE, SUSPENDED (UG/L)	75003
34316	CHLOROFORM, DISSOLVED (UG/L)	67663
34317	CHLOROFORM, SUSPENDED (UG/L)	67663
34320	CHRYSENE, TOTAL (UG/L)	218019
34321	CHRYSENE, DISSOLVED (UG/L)	218019
34322	CHRYSENE, SUSPENDED (UG/L)	218019
34325	CYANIDE, SUSPENDED (MG/L)	57125
34327	DI-N-BUTYL PHTHALATE, DISSOLVED (UG/L)	84742
34328	DICHLOROBROMOMETHANE, DISSOLVED (UG/L)	75274
34329	DICHLOROBROMOMETHANE, SUSPENDED (UG/L)	75274
34336	DIETHYL PHTHALATE, TOTAL (UG/L)	84662
34337	DIETHYL PHTHALATE, DISSOLVED (UG/L)	84662
34338	DIETHYL PHTHALATE, SUSPENDED (UG/L)	84662
34341	DIMETHYL PHTHALATE, TOTAL (UG/L)	131113
34342	DIMETHYL PHTHALATE, DISSOLVED (UG/L)	131113
34343	DIMETHYL PHTHALATE, SUSPENDED (UG/L)	131113
34346	1,2-DIPHENYLHYDRAZINE, TOTAL (UG/L)	122667
34347	1,2-DIPHENYLHYDRAZINE, DISSOLVED (UG/L)	122667
34348	1,2-DIPHENYLHYDRAZINE, SUSPENDED (UG/L)	122667
34351	ENDOSULFAN SULFATE, TOTAL (UG/L)	1031078

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34352	ENDOSULFAN SULFATE, DISSOLVED (UG/L)	1031078
34353	ENDOSULFAN SULFATE, SUSPENDED (UG/L)	1031078
34356	ENDOSULFAN, BETA, TOTAL (UG/L)	33213659
34357	ENDOSULFAN, BETA, DISSOLVED (UG/L)	33213659
34358	ENDOSULFAN, BETA, SUSPENDED (UG/L)	33213659
34361	ENDOSULFAN, ALPHA, TOTAL (UG/L)	959988
34362	ENDOSULFAN, ALPHA, DISSOLVED (UG/L)	959988
34363	ENDOSULFAN, ALPHA, SUSPENDED (UG/L)	959988
34371	ETHYLBENZENE, TOTAL (UG/L)	100414
34372	ETHYLBENZENE, DISSOLVED (UG/L)	100414
34373	ETHYLBENZENE, SUSPENDED (UG/L)	100414
34376	FLUORANTHENE, TOTAL (UG/L)	206440
34377	FLUORANTHENE, DISSOLVED (UG/L)	206440
34378	FLUORANTHENE, SUSPENDED (UG/L)	206440
34381	FLUORENE, TOTAL (UG/L)	86737
34382	FLUORENE, DISSOLVED (UG/L)	86737
34383	FLUORENE, SUSPENDED (UG/L)	86737
34386	HEXACHLOROCYCLOPENTADIENE, TOTAL (UG/L)	77474
34387	HEXACHLOROCYCLOPENTADIENE, DISSOLVED (UG/L)	77474
34388	HEXACHLOROCYCLOPENTADIENE, SUSPENDED (UG/L)	77474
34391	HEXACHLOROBUTADIENE, TOTAL (UG/L)	87683
34392	HEXACHLOROBUTADIENE, DISSOLVED (UG/L)	87683
34393	HEXACHLOROBUTADIENE, SUSPENDED (UG/L)	87683
34396	HEXACHLOROETHANE, TOTAL (UG/L)	67721
34397	HEXACHLOROETHANE, DISSOLVED (UG/L)	67721
34398	HEXACHLOROETHANE, SUSPENDED (UG/L)	67721
34401	HEXACHLOROBENZENE, DISSOLVED (UG/L)	118741
34402	HEXACHLOROBENZENE, SUSPENDED (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34403	INDENO (1,2,3-CD) PYRENE, TOTAL (UG/L)	193395
34404	INDENO (1,2,3-CD) PYRENE, DISSOLVED (UG/L)	193395
34405	INDENO (1,2,3-CD) PYRENE, SUSPENDED (UG/L)	193395
34408	ISOPHORONE, TOTAL (UG/L)	78591
34409	ISOPHORONE, DISSOLVED (UG/L)	78591
34410	ISOPHORONE, SUSPENDED (UG/L)	78591
34413	METHYL BROMIDE, TOTAL (UG/L)	74839
34414	METHYL BROMIDE, DISSOLVED (UG/L)	74839
34415	METHYL BROMIDE, SUSPENDED (UG/L)	74839
34418	METHYL CHLORIDE, TOTAL (UG/L)	74873
34419	METHYL CHLORIDE, DISSOLVED (UG/L)	74873
34420	METHYL CHLORIDE, SUSPENDED (UG/L)	74873
34423	METHYLENE CHLORIDE, TOTAL (UG/L)	75092
34424	METHYLENE CHLORIDE, DISSOLVED (UG/L)	75092
34425	METHYLENE CHLORIDE, SUSPENDED (UG/L)	75092
34428	N-NITROSODI-N-PROPYLAMINE, TOTAL (UG/L)	621647
34429	N-NITROSODI-N-PROPYLAMINE, DISSOLVED (UG/L)	621647
34430	N-NITROSODI-N-PROPYLAMINE, SUSPENDED (UG/L)	621647
34433	N-NITROSODIPHENYLAMINE, TOTAL (UG/L)	86306
34434	N-NITROSODIPHENYLAMINE, DISSOLVED (UG/L)	86306
34435	N-NITROSODIPHENYLAMINE, SUSPENDED (UG/L)	86306
34438	N-NITROSODIMETHYLAMINE, TOTAL (UG/L)	62759
34439	N-NITROSODIMETHYLAMINE, DISSOLVED (UG/L)	62759
34440	N-NITROSODIMETHYLAMINE, SUSPENDED (UG/L)	62759
34443	NAPHTHALENE, DISSOLVED (UG/L)	91203
34444	NAPHTHALENE, SUSPENDED (UG/L)	91203
34447	NITROBENZENE, TOTAL (UG/L)	98953
34448	NITROBENZENE, DISSOLVED (UG/L)	98953

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34449	NITROBENZENE, SUSPENDED (UG/L)	98953
34452	PARACHLOROMETA CRESOL, TOTAL (UG/L)	59507
34453	PARACHLOROMETA CRESOL, DISSOLVED (UG/L)	59507
34454	PARACHLOROMETA CRESOL, SUSPENDED (UG/L)	59507
34457	PCB - 1242, DISSOLVED (UG/L)	53469219
34458	PCB - 1242, SUSPENDED (UG/L)	53469219
34459	PCP (PENTACHLOROPHENOL), DISSOLVED (UG/L)	87865
34460	PCP (PENTACHLOROPHENOL), SUSPENDED (UG/L)	87865
34461	PHENANTHRENE, TOTAL (UG/L)	85018
34462	PHENANTHRENE, DISSOLVED (UG/L)	85018
34463	PHENANTHRENE, SUSPENDED (UG/L)	85018
34466	PHENOL, DISSOLVED (UG/L)	108952
34467	PHENOL, SUSPENDED (UG/L)	108952
34469	PYRENE, TOTAL (UG/L)	129000
34470	PYRENE, DISSOLVED (UG/L)	129000
34471	PYRENE, SUSPENDED (UG/L)	129000
34475	TETRACHLOROETHYLENE, TOTAL (UG/L)	127184
34476	TETRACHLOROETHYLENE, DISSOLVED (UG/L)	127184
34477	TETRACHLOROETHYLENE, SUSPENDED (UG/L)	127184
34481	TOLUENE, DISSOLVED (UG/L)	108883
34482	TOLUENE, SUSPENDED (UG/L)	108883
34485	TRICHLOROETHYLENE, DISSOLVED (UG/L)	79016
34486	TRICHLOROETHYLENE, SUSPENDED (UG/L)	79016
34493	VINYL CHLORIDE, DISSOLVED (UG/L)	75014
34494	VINYL CHLORIDE, SUSPENDED (UG/L)	75014
34496	1,1-DICHLOROETHANE, TOTAL (UG/L)	75343
34497	1,1-DICHLOROETHANE, DISSOLVED (UG/L)	75343
34498	1,1-DICHLOROETHANE, SUSPENDED (UG/L)	75343

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34501	1,1-DICHLOROETHYLENE, TOTAL (UG/L)	75354
34502	1,1-DICHLOROETHYLENE, DISSOLVED (UG/L)	75354
34503	1,1-DICHLOROETHYLENE, SUSPENDED (UG/L)	75354
34506	1,1,1-TRICHLOROETHANE, TOTAL (UG/L)	71556
34507	1,1,1-TRICHLOROETHANE, DISSOLVED (UG/L)	71556
34508	1,1,1-TRICHLOROETHANE, SUSPENDED (UG/L)	71556
34511	1,1,2-TRICHLOROETHANE, TOTAL (UG/L)	79005
34512	1,1,2-TRICHLOROETHANE, DISSOLVED (UG/L)	79005
34513	1,1,2-TRICHLOROETHANE, SUSPENDED (UG/L)	79005
34516	1,1,2,2-TETRACHLOROETHANE, TOTAL (UG/L)	79345
34517	1,1,2,2-TETRACHLOROETHANE, DISSOLVED (UG/L)	79345
34518	1,1,2,2-TETRACHLOROETHANE, SUSPENDED (UG/L)	79345
34521	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, TOTAL (UG/L)	191242
34522	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, DISS. (UG/L)	191242
34523	BENZO(GHI)PERYLENE1,12-BENZOPERYLENE, SUSP. (UG/L)	191242
34526	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, TOTAL (UG/L)	56553
34527	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, DISS. (UG/L)	56553
34528	BENZO(A)ANTHRACENE1,2-BENZANTHRACENE, SUSP. (UG/L)	56553
34531	1,2-DICHLOROETHANE, TOTAL (UG/L)	107062
34532	1,2-DICHLOROETHANE, DISSOLVED (UG/L)	107062
34533	1,2-DICHLOROETHANE, SUSPENDED (UG/L)	107062
34536	1,2-DICHLOROBENZENE, TOTAL (UG/L)	95501
34537	1,2-DICHLOROBENZENE, DISSOLVED (UG/L)	95501
34538	1,2-DICHLOROBENZENE, SUSPENDED (UG/L)	95501
34541	1,2-DICHLOROPROPANE, TOTAL (UG/L)	78875
34542	1,2-DICHLOROPROPANE, DISSOLVED (UG/L)	78875
34543	1,2-DICHLOROPROPANE, SUSPENDED (UG/L)	78875
34546	TRANS-1,2-DICHLOROETHENE, TOTAL, IN WATER (UG/L)	156605

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34547	TRANS-1,2-DICHLOROETHENE, DISSOLVED (UG/L)	156605
34548	TRANS-1,2-DICHLOROETHENE, SUSPENDED (UG/L)	156605
34551	1,2,4-TRICHLOROBENZENE, TOTAL (UG/L)	120821
34552	1,2,4-TRICHLOROBENZENE, DISSOLVED (UG/L)	120821
34553	1,2,4-TRICHLOROBENZENE, SUSPENDED (UG/L)	120821
34556	1,2,5,6-DIBENZANTHRACENE, TOTAL (UG/L)	53703
34557	1,2,5,6-DIBENZANTHRACENE, DISSOLVED (UG/L)	53703
34558	1,2,5,6-DIBENZANTHRACENE, SUSPENDED (UG/L)	53703
34561	1,3-DICHLOROPROPENE, TOTAL (UG/L)	542756
34562	1,3-DICHLOROPROPENE, DISSOLVED (UG/L)	542756
34563	1,3-DICHLOROPROPENE, SUSPENDED (UG/L)	542756
34566	1,3-DICHLOROBENZENE, TOTAL (UG/L)	541731
34567	1,3-DICHLOROBENZENE, DISSOLVED (UG/L)	541731
34568	1,3-DICHLOROBENZENE, SUSPENDED (UG/L)	541731
34571	1,4-DICHLOROBENZENE, TOTAL (UG/L)	106467
34572	1,4-DICHLOROBENZENE, DISSOLVED (UG/L)	106467
34573	1,4-DICHLOROBENZENE, SUSPENDED (UG/L)	106467
34576	2-CHLOROETHYL VINYL ETHER, TOTAL (UG/L)	110758
34577	2-CHLOROETHYL VINYL ETHER, DISSOLVED (UG/L)	110758
34578	2-CHLOROETHYL VINYL ETHER, SUSPENDED (UG/L)	110758
34581	2-CHLORONAPHTHALENE, TOTAL (UG/L)	91587
34582	2-CHLORONAPHTHALENE, DISSOLVED (UG/L)	91587
34583	2-CHLORONAPHTHALENE, SUSPENDED (UG/L)	91587
34586	2-CHLOROPHENOL, TOTAL (UG/L)	95578
34587	2-CHLOROPHENOL, DISSOLVED (UG/L)	95578
34588	2-CHLOROPHENOL, SUSPENDED (UG/L)	95578
34591	2-NITROPHENOL, TOTAL (UG/L)	88755
34592	2-NITROPHENOL, DISSOLVED (UG/L)	88755

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34593	2-NITROPHENOL, SUSPENDED (UG/L)	88755
34596	DI-N-OCTYL PHTHALATE, TOTAL (UG/L)	117840
34597	DI-N-OCTYL PHTHALATE, DISSOLVED (UG/L)	117840
34598	DI-N-OCTYL PHTHALATE, SUSPENDED (UG/L)	117840
34601	2,4-DICHLOROPHENOL, TOTAL (UG/L)	120832
34602	2,4-DICHLOROPHENOL, DISSOLVED (UG/L)	120832
34603	2,4-DICHLOROPHENOL, SUSPENDED (UG/L)	120832
34606	2,4-DIMETHYLPHENOL, TOTAL (UG/L)	105679
34607	2,4-DIMETHYLPHENOL, DISSOLVED (UG/L)	105679
34608	2,4-DIMETHYLPHENOL, SUSPENDED (UG/L)	105679
34611	2,4-DINITROTOLUENE, TOTAL (UG/L)	121142
34612	2,4-DINITROTOLUENE, DISSOLVED (UG/L)	121142
34613	2,4-DINITROTOLUENE, SUSPENDED (UG/L)	121142
34616	2,4-DINITROPHENOL, TOTAL (UG/L)	51285
34617	2,4-DINITROPHENOL, DISSOLVED (UG/L)	51285
34618	2,4-DINITROPHENOL, SUSPENDED (UG/L)	51285
34621	2,4,6-TRICHLOROPHENOL, TOTAL (UG/L)	88062
34622	2,4,6-TRICHLOROPHENOL, DISSOLVED (UG/L)	88062
34623	2,4,6-TRICHLOROPHENOL, SUSPENDED (UG/L)	88062
34626	2,6-DINITROTOLUENE, TOTAL (UG/L)	606202
34627	2,6-DINITROTOLUENE, DISSOLVED (UG/L)	606202
34628	2,6-DINITROTOLUENE, SUSPENDED (UG/L)	606202
34631	3,3'-DICHLOROBENZIDINE, TOTAL (UG/L)	91941
34632	3,3'-DICHLOROBENZIDINE, DISSOLVED (UG/L)	91941
34633	3,3'-DICHLOROBENZIDINE, SUSPENDED (UG/L)	91941
34636	4-BROMOPHENYL PHENYL ETHER, TOTAL (UG/L)	101553
34637	4-BROMOPHENYL PHENYL ETHER, DISSOLVED (UG/L)	101553
34638	4-BROMOPHENYL PHENYL ETHER, SUSPENDED (UG/L)	101553

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34641	4-CHLOROPHENYL PHENYL ETHER, TOTAL (UG/L)	7005723
34642	4-CHLOROPHENYL PHENYL ETHER, DISSOLVED (UG/L)	7005723
34643	4-CHLOROPHENYL PHENYL ETHER, SUSPENDED (UG/L)	7005723
34646	4-NITROPHENOL, TOTAL (UG/L)	100027
34647	4-NITROPHENOL, DISSOLVED (UG/L)	100027
34648	4-NITROPHENOL, SUSPENDED (UG/L)	100027
34651	P,P'-DDD, DISSOLVED (UG/L)	72548
34652	P,P'-DDD, SUSPENDED (UG/L)	72548
34653	P,P'-DDE, DISSOLVED (UG/L)	72559
34654	P,P'-DDE, SUSPENDED (UG/L)	72559
34655	P,P'-DDT, DISSOLVED (UG/L)	50293
34656	P,P'-DDT, SUSPENDED (UG/L)	50293
34657	DNOC (4,6-DINITRO-ORTHO-CRESOL), TOTAL (UG/L)	534521
34658	DNOC (4,6-DINITRO-ORTHO-CRESOL), DISSOLVED (UG/L)	534521
34659	DNOC (4,6-DINITRO-ORTHO-CRESOL), SUSPENDED (UG/L)	534521
34662	PCB - 1221, DISSOLVED (UG/L)	11104282
34663	PCB - 1221, SUSPENDED (UG/L)	11104282
34665	PCB - 1232, DISSOLVED (UG/L)	11141165
34666	PCB - 1232, SUSPENDED (UG/L)	11141165
34671	PCB - 1016, TOTAL (UG/L)	12674112
34672	PCB - 1016, DISSOLVED (UG/L)	12674112
34673	PCB - 1016, SUSPENDED (UG/L)	12674112
34675	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD),TOT(UG/L)	1746016
34676	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(UG/L)	1746016
34677	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(UG/L)	1746016
34694	PHENOL(C6H5OH)-SINGLE COMPOUND TOTAL (UG/L)	108952
34696	NAPHTHALENE, TOTAL (UG/L)	91203
34750	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)TOT(PG/L)	1746016

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
34751	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)DISS(PG/L)	1746016
34752	2,3,7,8-TETRACHLORODIBENZO-PDIOXIN(TCDD)SUSP(PG/L)	1746016
39032	PCP (PENTACHLOROPHENOL) WHOLE WATER SAMPLE (UG/L)	87865
39039	HEXACHLOROBENZENE WATER SAMPLE,ELECTRON CPT (UG/L)	118741
39100	BIS(2-ETHYLHEXYL) PHTHALATE, WHOLE WATER (UG/L)	117817
39103	BIS(2-ETHYLHEXYL) PHTHALATE, DISSOLVED, (UG/L)	117817
39104	BIS(2-ETHYLHEXYL) PHTHALATE, SUSPENDED, (UG/L)	117817
39107	PHTHALATES,DIETHYLHEXYL SUS.FRAC.WTR DWT (MG/KG)	117817
39110	DI-N-BUTYL PHTHALATE, WHOLE WATER (UG/L)	84742
39114	DI-N-BUTYL PHTHALATE, SUSPENDED (UG/L)	84742
39115	PHTHALATES,DIBUTYL SUS.FRAC.WATER DWT (UG/KG)	84742
39120	BENZIDINE IN WHOLE WATER SAMPLE (UG/L)	92875
39175	VINYL CHLORIDE-WHOLE WATER SAMPLE (UG/L)	75014
39180	TRICHLOROETHYLENE-WHOLE WATER SAMPLE (UG/L)	79016
39300	P,P' DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39310	P,P' DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39320	P,P' DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39330	ALDRIN IN WHOLE WATER SAMPLE (UG/L)	309002
39331	ALDRIN IN FILT. FRAC. OF WAT. SAMP. (UG/L)	309002
39332	ALDRIN IN SUSP. FRAC. OF WAT. SAMP. (UG/L)	309002
39336	BHC-ALPHA, WATER, WHOLE (LBS/DAY)	319846
39337	ALPHA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319846
39338	BETA BENZENE HEXACHLORIDE IN WHOLE WATER (UG/L)	319857
39340	GAMMA-BHC(LINDANE), WHOLE WATER (UG/L)	58899
39341	GAMMA-BHC(LINDANE), DISSOLVED (UG/L)	58899
39342	GAMMA-BHC(LINDANE), SUSPENDED (UG/L)	58899
39344	BHC-GAMMA, WATER, WHOLE (LBS/DAY)	58899
39350	CHLORDANE(TECH MIX & METABS), WHOLE WATER (UG/L)	57749

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39352	CHLORDANE(TECH MIX & METABS), DISSOLVED (UG/L)	57749
39353	CHLORDANE(TECH MIX & METABS), SUSPENDED (UG/L)	57749
39360	DDD IN WHOLE WATER SAMPLE (UG/L)	72548
39361	DDD IN FILT. FRAC. OF WATER SMAPLE (UG/L)	72548
39362	DDD IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72548
39365	DDE IN WHOLE WATER SAMPLE (UG/L)	72559
39366	DDE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72559
39367	DDE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72559
39370	DDT IN WHOLE WATER SAMPLE (UG/L)	50293
39371	DDT IN FILT. FRAC. OF WATER SAMPLE (UG/L)	50293
39372	DDT IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	50293
39380	DIELDRIN IN WHOLE WATER SAMPLE (UG/L)	60571
39381	DIELDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	60571
39382	DIELDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	60571
39390	ENDRIN IN WHOLE WATER SAMPLE (UG/L)	72208
39391	ENDRIN IN FILT. FRAC. OF WATER SAMPLE (UG/L)	72208
39392	ENDRIN IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	72208
39400	TOXAPHENE IN WHOLE WATER SAMPLE (UG/L)	8001352
39401	TOXAPHENE IN FILT. FRAC. OF WATER SAMPLE (UG/L)	8001352
39402	TOXAPHENE IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	8001352
39410	HEPTACHLOR IN WHOLE WATER SAMPLE (UG/L)	76448
39411	HEPTACHLOR IN FILT. FRAC. OF WATER SAMPLE (UG/L)	76448
39412	HEPTACHLOR IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	76448
39420	HEPTACHLOR EPOXIDE IN WHOLE WATER SAMPLE (UG/L)	1024573
39421	HEPTACHLOR EPOXIDE IN FILT. FRAC. WAT. SAM. (UG/L)	1024573
39422	HEPTACHLOR EPOXIDE IN SUSP. FRAC. WAT. SAM. (UG/L)	1024573
39488	PCB - 1221 IN THE WHOLE WATER SAMPLE (UG/L)	11104282
39492	PCB - 1232 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11141165

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
39496	PCB - 1242 PCB SERIES WHOLE WATER SAMPLE (UG/L)	53469219
39500	PCB - 1248 PCB SERIES WHOLE WATER SAMPLE (UG/L)	12672296
39501	PCB - 1248 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	12672296
39502	PCB - 1248 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	12672296
39504	PCB - 1254 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11097691
39505	PCB - 1254 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11097691
39506	PCB - 1254 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11097691
39508	PCB - 1260 PCB SERIES WHOLE WATER SAMPLE (UG/L)	11096825
39509	PCB - 1260 IN FILT. FRAC. OF WATER SAMPLE (UG/L)	11096825
39510	PCB - 1260 IN SUSP. FRAC. OF WATER SAMPLE (UG/L)	11096825
39700	HEXACHLOROBENZENE IN WHOLE WATER SAMPLE (UG/L)	118741
39702	HEXACHLOROBUTADIENE IN WHOLE WATER SAMPLE (UG/L)	87683
39782	LINDANE IN WHOLE WATER SAMPLE (UG/L)	58899
39920	DNOC IN WHOLE WATER SAMPLE (UG/L)	534521
46322	LINDANE PLUS ISOMERS IN WHOLE WATER SAMPLE (UG/L)	58899
46323	DELTA-BHC IN WHOLE WATER SAMPLE (UG/L)	319868
46326	HEPTACHLOR AND METABOLITES IN WH. H2O SAMP. (UG/L)	76448
46479	CYANIDE, DISSOLVED, WATER (UG/L)	57125
46551	ARSENIC, FIELD ACIDIFIED W/HNO3, LAB FILT. (UG/L)	7440382
46559	CADMIUM, FIELD ACIDIFIED-HNO3-LAB FILTER (UG/L-CD)	7440439
46560	CHROMIUM, FIELD ACIDIFIED-HN03-LAB FILT. (UG/L-CR)	7440473
46562	COPPER, FIELD ACIDIFIED-HNO3-LAB FILTER. (UG/L-CU)	7440508
46564	LEAD, FIELD ACIDIFIED-HNO3-LAB FILTERED (UG/L-PB)	7439921
46566	SILVER, FIELD ACIDIFIED-HNO3-LAB FILTER.(UG/L-AG)	7440224
46567	ZINC, EXTRACT. FIELD ACID W/HNO3, LAB FILT. (UG/L)	7440666
70012	PARACHLOROMETA CRESOL, WATER, WHOLE (LBS/DAY)	59507
70017	HEXACHLOROCYCLOPENTADIENE, WATER, WHOLE (LBS/DAY)	77474
70021	LEAD, (TCLP), WATER, TOTAL (MG/L)	7439921

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
71890	MERCURY, DISSOLVED (UG/L AS HG)	7439976
71895	MERCURY, SUSPENDED (UG/L AS HG)	7439976
71900	MERCURY, TOTAL (UG/L AS HG)	7439976
71901	MERCURY, TOTAL RECOVERABLE IN WATER AS HG (UG/L)	7439976
71946	CADMIUM, EXTRACTABLE (UG/L AS CD)	7440439
71947	CHROMIUM, EXTRACTABLE (UG/L AS CR)	7440473
71949	LEAD, EXTRACTABLE (UG/L AS PB)	7439921
71950	ZINC, EXTRACTABLE (UG/L AS ZN)	7440666
71951	COPPER, EXTRACTABLE (UG/L AS CU)	7440508
73063	CHLOROGUAIACOL,4-, TOTAL, WATER (UG/L)	16766306
73522	PROPANE, 2,2'-OXYBIS(1-CHLORO)- TOTAL (UG/L)	108601
77163	1,3-DICHLOROPROPENE-1, WHOLE WATER (UG/L)	542756
77354	1,1-DICHLORO-2,2-DIFLUOROETHANE WHOLE WATER (UG/L)	471432
77771	3-CHLORO-4-HYDROXYBENZOPHENONE, WHOLE WATER (UG/L)	55191203
78113	ETHYL BENZENE WHOLE WATER SAMPLE (UG/L)	100414
78124	BENZENE IN WATER (VOLATILE ANALYSIS) (UG/L)	71432
78131	TOLUENE IN WHOLE WATER (VOLATILE ANALYSIS) (UG/L)	108883
78208	2,4-DINITRO-O-CRESOL IN WHOLE WATER SAMPLE (UG/L)	534521
78247	CHROMIUM, HEXAVALENT, TOTAL RECOVERABLE, WT (UG/L)	18540299
78248	CYANIDE, TOTAL RECOVERABLE, WATER, WHOLE (UG/L)	57125
80357	CHROMIUM, TRIVALENT, DISSOLVED, AS CR	16065831
81208	CYANIDE, FREE (NOT AMEN. TO CHLORINATION) (MG/L)	57125
81210	CYANIDE - STATE OF ILLINOIS (MG/L)	57125
81214	CADMIUM - STATE OF ILLINOIS (MG/L)-COLD	7440439
81215	CHROMIUM - STATE OF ILLINOIS (MG/L), COLD DIGEST	18540299
81216	CHROMIUM(TRI)-STATE OF ILLINOIS (MG/L)-COLD DIGEST	16065831
81217	CHROMIUM, TOTAL - STATE OF ILLINOIS (MG/L) COLD DIGEST	7440473
81218	COPPER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440508

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
81220	LEAD, STATE OF ILLINOIS, MG/L, COLD DIGEST	7439921
81222	NICKEL - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440020
81223	SILVER, STATE OF ILLINOIS, MG/L, COLD DIGEST	7440224
81224	ZINC - STATE OF ILLINOIS, MG/L, COLD DIGEST	7440666
81642	SILVER (AG) IN WATER POUNDS PER DAY (LBS/DAY)	7440224
81750	COPPER, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440508
81751	LEAD, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7439921
81752	NICKEL, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440020
81753	CADMIUM, INTERSTITIAL WATER FROM SEDIMENT	7440439
81754	ZINC, INTERSTITIAL WATER FROM SEDIMENTS (UG/L)	7440666
81766	HEPTACHLOR EPOXIDE IN EPILITHIC ALGAE SED. (UG/KG)	1024573
81931	MERCURY (HG) SUSPENDED FRACTION OF WATER (UG/G)	7439976
81932	CADMIUM (CD) SUSPENDED FRACTION OF WATER (UG/G)	7440439
81933	ZINC (ZN) SUSPENDED FRACTION OF WATER (UG/G)	7440666
81934	LEAD (PB) SUSPENDED FRACTION OF WATER (UG/G)	7439921
81936	LEAD (PB) DISSOLVED CATIONIC SPECIES (UG/L)	7439921
81937	CADMIUM (CD) DISSOLVED CATIONIC SPECIES (UG/L)	7440439
81938	CHROMIUM, DISSOLVED CATIONIC SPECIES (UG/L)	7440473
81939	COPPER (CU) DISSOLVED CATIONIC SPECIES (UG/L)	7440508
81940	ZINC (ZN) DISSOLVED CATIONIC SPECIES (UG/L)	7440666
81941	CHROMIUM, DISSOLVED ANIONIC SPECIES (UG/L)	7440473
81942	COPPER (CU) DISSOLVED ANIONIC SPECIES (UG/L)	7440508
81943	ZINC (ZN) DISSOLVED ANIONIC SPECIES (UG/L)	7440666
82058	CHROMIUM, TOTAL, PERCENT REMOVAL	7440473
82399	CHROMIUM, HEXAVALENT (KG/BATCH)	18540299
82512	M,P-DICHLOROBENZENE (MEASURES 1,3&1,4) TOT. (UG/L)	541731
82573	CYANIDE/CHLORINATION IN WATER (MG/L)	57125
82621	HEXACHLOROBENZENE, WATER, TOTAL RECOVER. (UG/L)	118741

STORET Code	Toxic Elements (EPA Section 304(a) Priority Toxic Pollutants) cont.-	C.A.S. Number
82622	ENDRIN ALDEHYDE, WH. WATER, TOTAL RECOVER. (UG/L)	7421934
82623	ENDOSULFAN SULFATE, WATER, TOTAL RECOVER. (UG/L)	1031078
82624	ENDOSULFAN, BETA, WH. WATER, TOTAL RECOVER. (UG/L)	33213659
82626	1,2-DIPHENYLHYDRAZINE, WATER, TOTAL RECOVER. (UG/L)	122667
82627	PARACHLOROMETA CRESOL, WATER, TOTAL RECOVER. (UG/L)	59507
82702	ARSENIC, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440382
82704	BERYLLIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440417
82705	CADMIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440439
82706	CHROMIUM, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440473
82708	COPPER, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440508
82711	LEAD, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7439921
82713	MERCURY, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7439976
82715	NICKEL, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440020
82716	SILVER, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440224
82719	ZINC, FIELD ACIDIFIED, DECANTED, WATER (UG/L)	7440666
85006	ZINC, TOTAL - (#/DAY)	7440666
85007	CHROMIUM, TOTAL (#/DAY)	7440473
85010	NICKEL, TOTAL - (#/DAY)	7440020
85013	MERCURY, TOTAL - (#/DAY)	7439976

Appendix H

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As the nation's principal conservation agency, the Department of the Interior has the responsibility for most of our nationally owned public lands and natural and cultural resources. This includes fostering wise use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people. The Department also promotes the goals of the Take Pride in America campaign by encouraging stewardship and citizen responsibility for the public lands and promoting citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.