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Environmental quality monitoring at five golf courses in Miami-Dade County

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ENVIRONMENTAL QUALITY MONITORING AT FIVE GOLF COURSES IN MIAMI-DADE COUNTY

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by

Lorna Bucknor

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To: Dean Vish Prasad
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This thesis, written by Lorna Bucknor, and entitled Environmental Quality Monitoring at Five Golf Courses in Miami-Dade County, having been approved in respect to style and intellectual content, is referred to you for judgment.

We have read this thesis and recommend that it be approved.

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The thesis of Lorna Bucknor is approved.

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DEDICATION

I dedicate this thesis to my family. To my parents for providing at great personal sacrifice the foundation of a good education. To my husband, whose love is the wind beneath my wings. To my sister, and my two dearest friends for their support, motivation and for always, always, 'having my back' and finally, to my twin daughters, Tara and Tiffany, my life's passion.

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Special thanks to the staff of DERM's former Planning and Evaluation Section especially to Julie Baker, for believing in me, supporting me, and facilitating the resources necessary to conduct this research. Thanks especially for her assistance with the graphics herein presented. Thanks to Beth Baughman, not only for her invaluable assistance with data validation, quality assurance and editing, but also for her friendship. To Jorge Mederos for the grueling hours spent assisting me with fieldwork. Special thanks also to Wilbur Mayorga, for his critical editorial contribution and for his confidence in my abilities, his support and direction not only in this endeavor but also in so many others.

Finally thanks to the members of my committee but especially to Dr. Berrin Tansel, my major professor for her support, understanding, patience, and guidance not only for this thesis but also throughout my coursework.

ABSTRACT OF THE THESIS

ENVIRONMENTAL QUALITY MONITORING AT FIVE GOLF COURSES IN MIAMI-DADE COUNTY

by

Lorna Bucknor

Florida International University, 2002

Miami, Florida

Professor Berrin Tansel, Major Professor

Five golf courses in Miami-Dade County, Florida participated in a one year monitoring study to investigate the environmental impact of agrichemical turf management activities.

Groundwater, soil, surface water, and sediments were sampled quarterly at the golf courses in 1997. Ground and surface water were sampled for 51 pesticide residues (including arsenic), nitrates, and phosphates. Soil and sediments were sampled for arsenic.

Arsenic was the main contaminant of interest. Seventy-five percent of soil samples exceeded the Florida residential soil cleanup target level (CTL) while thirty-two percent of shallow groundwater samples exceeded the maximum contaminant level (MCL). Five other pesticide residues were detected in groundwater, but only one exceeded the MCL. Pesticide residues were also detected in surface water. Nitrates were found in ground and surface water; twenty-one percent of groundwater samples exceeded the federal health advisory level.

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

LIST OF ABREVIATIONS

BDL	Below Detection Limit
bls	below land surface
DERM	Miami-Dade County Department of Environmental Resources Management
FDOH	Florida Department of Health
ENP	Everglades National Park
EPA	Environmental Protection Agency
FDACS	Florida Department of Agriculture and Consumer Services
FDEP	Florida Department of Environmental Protection
HAL	Health Advisory Level
LC50	Lethal Concentration 50%
MCL	Maximum Contaminant Level
MDL	Method Detection Limit
MSMA	Monosoduim Methanearsonate
mg/kg	milligrams per kilogram
PEL	Probable Effect Level
ppb	parts per billion
ppm	parts per million
PQL	Practical Quantitation Limit
ug/l	micrograms per liter
$T_{1/2}$	Half Life
TEL	Threshold Effect Level
USGA	United States Golf Association
CTL	Cleanup Target Level

SAMPLE IDENTIFICATION NOMENCLATURE

BBML.	Briar Bay Golf Course Mix/load Site
BBF2.	Briar Bay Golf Course Fairway #2
BBF4.	Briar Bay Golf Course Fairway #4
BBL.	Briar Bay Golf Course Pond
GCML.	Golf Club of Miami Mix/Load Site
GCG13.	Golf Club of Miami Green #13
GCT10.	Golf Club of Miami Tee #10
GCL.	Golf Club of Miami Pond
GPML.	Greynolds Park Golf Course Mix/Load Site
GPG4.	Greynolds Park Golf Course Green #4
GPT8.	Greynolds Park Golf Course Tee #8
KBML.	Key Biscayne Golf Course Mix/Load Site
KBF14.	Key Biscayne Golf Course Fairway #18
KBT18.	Key Biscayne Golf Course Tee #18
KBL.	Key Biscayne Golf Course Pond
PMML.	Palmetto Golf Course Mix/Load Site
PMF18.	Palmetto Golf Course Fairway #18
PMG7.	Palmetto Golf Course Green #7
PML.	Palmetto Golf Course Pond

INTRODUCTION

The United States Golf Association estimated that approximately 500 million rounds of golf are played in the United States annually and that golfing represents an $18 billion/year industry. The popularity of golfing has increased steadily over the past decade and between 1985 and 1990 the number of golfers increased from 17.5 to 25 million, this number was projected to increase to over 30 million by the year 2000 (Hong and Smith, 1996). To meet the increasing demand for the game the National Golf Foundation estimates that between 1990 and 1994 an average of 255 new golf courses were constructed each year.

Florida is arguably the golf course capital of the United States, home to approximately 1,000 courses occupying a total of 10,600 acres. The National Golf Foundation indicated that approximately 45,000 rounds of golf per year are played in Florida making it second only to California in terms of rounds played (National Golf Foundation, 1991). Miami-Dade County has a fair share of the Florida golf market with 35 golf courses occupying approximately 4,835 acres or 1.6 percent of the net land acreage (Miami-Dade County Department of Planning Development and Regulation, 1996).

The increasing popularity of the game has attracted public scrutiny and criticism regarding the potential environmental consequences of golf course construction and management. There is concern that agrichemical usage at golf courses can cause environmental contamination. The concern is very strongly echoed in areas like Florida and particularly South Florida where the sole source of drinking water is a shallow, surficial aquifer located three to ten feet below land surface (bls) in most urban areas.

Several recent studies have attempted to elucidate some of the actual and potential environmental impact of the golfing industry. This study, funded by the Department of Environmental Resources Management (DERM) and the Florida Department of Agriculture and Consumer Services (FDACS) is one of several conducted on the South Florida environment.

The objective of the study was to determine the degree and extent to which groundwater, surface water, soils and sediment quality at golf courses in Miami-Dade County are impacted by agrichemicals used in turf management. In addition, the study sought to determine if the level of impact is consistent with management intensity (defined as quantities of chemicals applied) for different golf course areas (greens, tees, fairways and mix/load).

PREVIOUS STUDIES

The occurrence of pesticide residues and nutrients in groundwater has been extensively studied. Over three hundred studies of pesticide occurrence in waters and soils have been carried out over the past thirty years. Most studies have either focused on agrichemicals used in traditional agriculture or have not attempted to associate pesticide occurrence with specific non-point sources. Very few studies have been done in non-agricultural areas associated with high agrichemical usage like golf courses and urban areas, despite application rates that often exceed those for most crops (USGS fact sheet, 1995).

The 1990 study by Cohen and colleagues is perhaps one of the most comprehensive thesis on the subject of pesticides in ground water at golf courses (Cohen et al., 1990). The studied focused on four golf courses on Cape Cod, Massachusetts, and involved investigation of seventeen pesticides and related chemicals. The most frequently detected chemical was dichlorobenzoic acid, the source of which was unknown. A total of eight pesticide residues were detected in groundwater with the most frequent detections associated with greens and tees. Only chlorodane was detected at concentrations exceeding the health advisory level (HAL). Nitrate-nitrogen was detected but at concentrations below the guidance concentration of ten (10) parts per million (ppm). Only chlorodane and heptachlor epoxide was detected in soils from the study area.

In another study conducted off the coast of Maui (Hawaii) marine sediments associated with golf course runoff were examined for pesticides (Miles et al., 1992). Nineteen sediment samples were analyzed for metribuzin (herbicide) and chlorpyrifos (insecticide). Chlorpyrifos was detected in one sediment sample. Wan and his colleagues examined ten samples obtained from golf course waters (ponds or standing water) for thirty-three pesticides (Wan et al.,1996). Two pesticide residues were detected.

In examining the potential movement of the herbicide dithiopyr from simulated golf course greens, Hong and Smith found that only 0.6 percent of the applied herbicide was found in the leachate collected in the field lysimeters. Less than 2 percent was transported from the treated plots in runoff water (Hong and Smith, 1996). By contrast up to 11.5 percent of the applied insecticide chlorpyrifos was recovered in leachate from soil columns in a study to examine the movement of pesticides under different irrigation regimes (Starrett et al., 1994).

A two year study investigation by the United States Geological Survey (USGS) examined nine golf courses in Florida. The study looked at forty-one pesticide residues in groundwater, surface water, irrigation water and effluent water (Swancar, 1996). Pesticide residues were detected in groundwater at seven of the nine golf courses studied. Three pesticide residues, arsenic, acephate and bentazon occurred at concentrations above their maximum contamination level (MCL) or guidance concentration. Pesticides were also detected in pond water.

The United States Golf Association (USGA) has sponsored research to determine the impact to ground and surface water of several pesticides and fertilizer used at golf courses. These studies indicate that the fate of pesticides and fertilizers applied at golf courses is influenced by a myriad of factors including but not limited to turfgrass variety, soil type, irrigation regime, interval between treatment and significant rainfall event, and pesticide property (USGA, 1995).

Personal communication with personnel from the Florida Department of Environmental Protection (FDEP) indicate that arsenic has been found in groundwater and soils at golf courses, in South Florida, at concentrations in excess of the maximum contamination level (MCL) and soil cleanup target level (CTL) respectively. In addition, data collected at golf courses in Miami-Dade County during routine permitting activities by personnel from DERM indicate soil and groundwater contamination by arsenic and nitrates (DERM records).

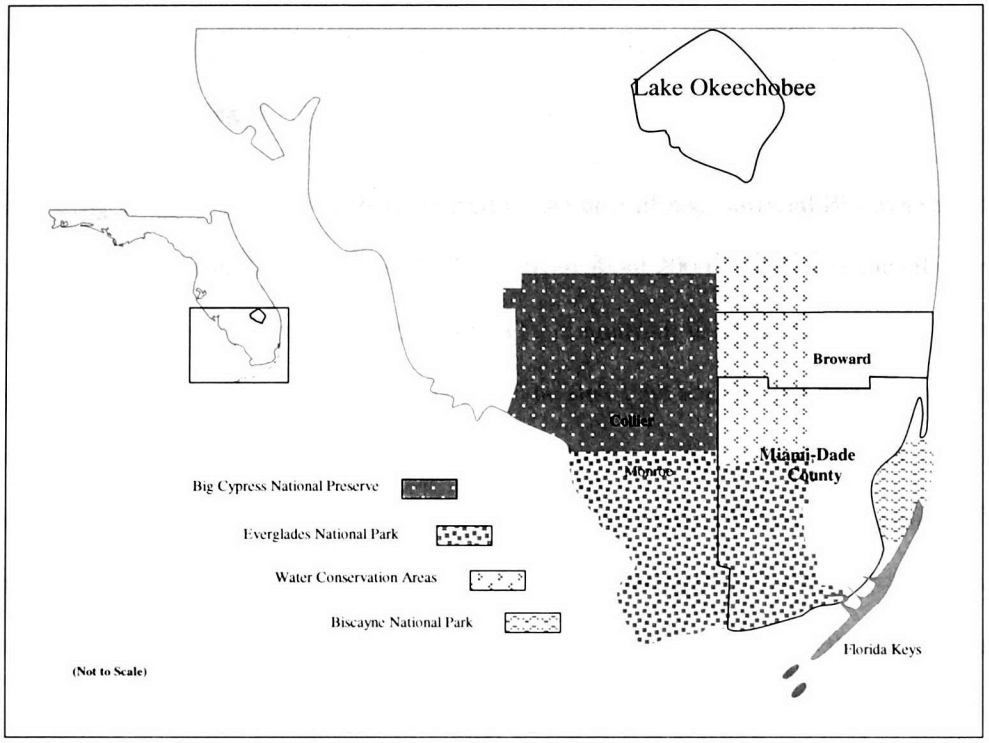
METHODOLOGY

DESCRIPTION OF STUDY AREA

1. General Description

Miami-Dade County, established in 1838, is located near the southeastern tip of the Florida peninsula. The estimated 2000 square miles that comprises Miami-Dade County is bordered on the north by Broward County, on the south by the Florida Keys (Monroe County), by the Biscayne National Park and the Atlantic Ocean on the east and Collier and Monroe County on the west (Figure 1).

Figure 1: Map of Florida



Development in Miami-Dade County is restricted to the eastern portion of the county since the western portion, is designated as part of the Everglades National Park (ENP). Prior to development, the area consisted of vast wetlands extending eastwards to within five miles of the coastline and a coastal fringe consisting of sandy flatlands, coastal marshes and mangrove swamps (Fish and Stewart, 1991). To allow for development, a network of canals was dug during the 1920's to drain swampy areas and provide flood protection for the resulting urban and agricultural areas.

The area is characterized by a subtropical climate with characteristic wet, warm, humid summers and dry, mild winters. Average daytime temperatures range from 82 degrees during summer to 68 degrees in winter with an average annual precipitation of approximately 57.6 inches. Average relative humidity is about 74 percent (Noble et al., 1996).

2. Hydrologic Setting

The hydrogeology of the area is characterized by the unconfined, surficial Biscayne aquifer. The aquifer is wedge-shaped and varies in thickness from about 200 feet below sea level near the coast narrowing progressively to become a thin layer approximately 20 feet thick on the western border of the county (Radell and Katz , 1991). The Biscayne aquifer was designated a sole source aquifer by the United States Environmental Protection Agency (USEPA) in 1979 since it is the only source of potable water for most of southeast Florida. The aquifer consists of highly permeable interbedded limestone and sandstone formed during the Miocene through Pleistocene eras and has the distinction of being one of the most permeable aquifers in the world (Parker et al., 1955). Below the Biscayne aquifer is a layer of dense and impermeable deposits, the Floridan aquiclude. A deeper aquifer system, the Floridan aquifer, occurs beneath the impermeable aquiclude, at about 1000 feet below sea level (Fish and Stewart, 1991). Regional groundwater

flow for Miami-Dade County (Figure 2) is southwesterly towards Everglades National Park and Florida Bay in the undeveloped western portions of the county. In the developed eastern portion of the county ground water flow is in a general east-southeasterly direction, unless subjected to anthropogenic influences, with ultimate discharge into Biscayne Bay (Fish and Stewart 1991).

Figure 2: General ground water flow direction for Miami-Dade County (Fish and Stewart, 1991)

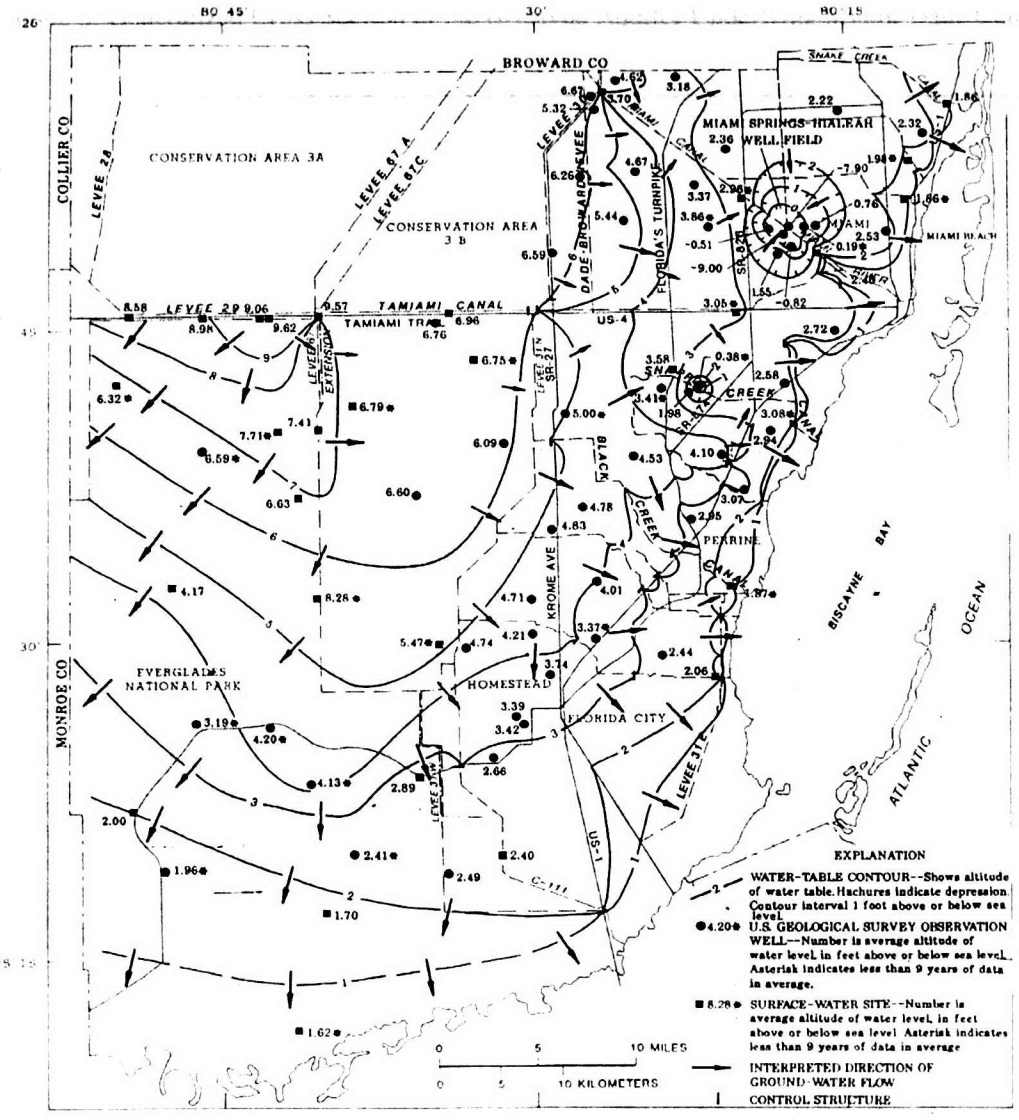
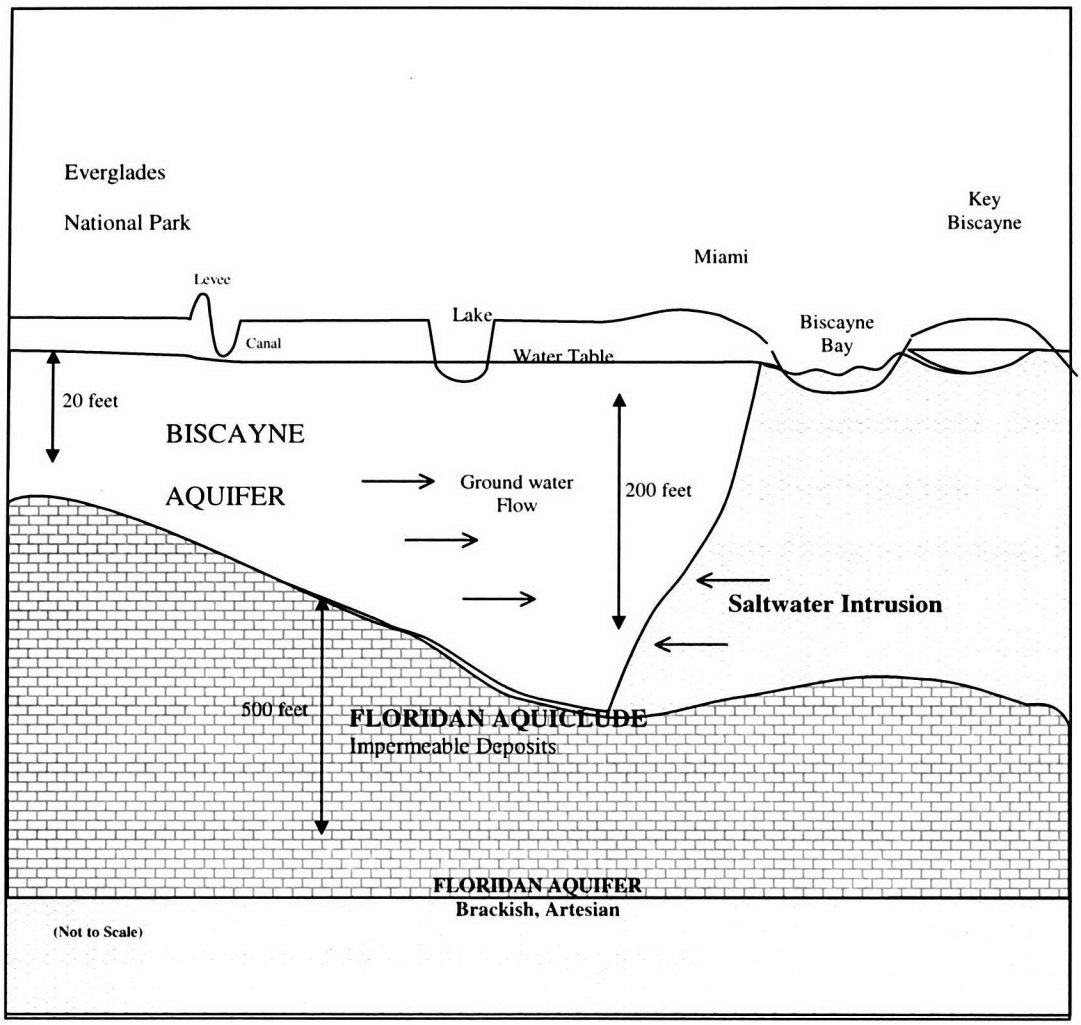


Figure 3 indicates a general cross section of Miami-Dade County showing the Biscayne Aquifer The two main sources of recharge for the Biscayne aquifer are precipitation and infiltration of surface water from canals and the conservation areas (Fish and Stewart, 1991). Recharge from precipitation is the dominant mechanism during the wet season (Radell and Katz , 1991) averaging 37 to 38 inch annually. During the dry season infiltration from canals and conservation areas is the dominant recharge mechanism.

Figure 3: Generalized Cross Section of the Biscayne Aquifer Underlying Miami-Dade County



MONITORING PROGRAM DESIGN

The monitoring program was designed to establish soil and groundwater monitoring sites at agrichemical mix/load areas (designated areas where fertilizers and pesticides are prepared and loaded into application equipment) and adjacent to play areas (tees, greens and fairways). In addition, golf course ponds were used for water and sediment sampling.

1. Groundwater

In February 1997, six monitoring wells were installed at each of the selected golf courses. The wells were installed as three clusters consisting of two wells each. Each well cluster consisted of a shallow well (7-12 feet deep) with five feet of screening set such that two feet of screening extended above the water table and a deeper well (23-28 feet) with two feet of screening 20 feet below the water table. All wells were constructed using 2 inch diameter 40 schedule PVC. Wells were installed using the hollow stem auger method with the deeper wells being installed first to prevent the possibility of moving contaminants from shallow to deeper zones. Auger bits and drilling equipment were steamed cleaned between wells to prevent cross contamination. During the drilling operation all equipments were placed on plastic sheeting to prevent contact with potentially contaminated turf grass. Monitoring wells were developed using the over pumping method.

The study design dictated that, at each of the golf courses, one well cluster was placed within or adjacent to the mix/load area. However, at the Golf Club of Miami and the Key Biscayne Golf Course, the presence of underground or overhead utility conduits precluded the installation of wells in the immediate vicinity of the mix/load area. The mix/load wells at these two courses were installed at a distance of 200 and 82 ft away respectively.

The other two clusters were placed adjacent to two of the three main types of play areas, greens, tees and fairways (Figures 4-8). Monitoring wells were sited to avoid low areas that receive runoff during normal rainfall events. The actual distribution of monitoring well sites at each golf course is indicated in Table 1.

In addition, three pre-existing monitoring wells located in residential areas in proximity to three golf courses were selected for sampling to provide information on current background concentrations of the analytes of interest to the study. The background wells were selected from an Ambient Water Quality Monitoring (AWQM) countywide network of monitoring wells. The AWQM network is comprised of wells installed by the United States Geological Survey (USGS), the Florida Department of Environmental Protection (FDEP), or DERM. DERM staff routinely monitors these wells to provide ambient water quality information. The only criterion for background well selection was that the selected well was the closest available AWQM well to a participating golf course.

The data from the three selected background wells were combined with historical data from the AWQM network to provide background information for analysis and discussion.

Table 1: Distribution of Monitoring Well Sites by Type of Golf Course Area

	Briar Bay	Golf Club	Greynolds	Key Biscayne	Palmetto
Mix/load	X	X	X	X	X
Fairway	X X			X	X
Green		X	X		X
Tee		X	X	X	

Although there might be differences in sampling methodology, well design and construction between the background wells and the golf course wells, the data should be comparable since the data from shallow and deep golf course wells were compared to wells of similar depth to ensure that the same layer of the aquifer was being evaluated.

The 30 golf course monitoring wells along with the three background wells were sampled four times during 1997 (February, May, August and November). In addition, the wells were sampled during March 1999, as a follow up to the study.

During each sampling event, a Hydrolab® H2O Multiprobe with Hydrolab® Surveyor 3 Display Logger was used to measure field parameters; temperature, pH, specific conductivity, redox potential, dissolved oxygen and salinity.

All field activities were performed in accordance with an approved project-specific quality assurance plan. A total of five well volumes of water were purged from each well prior to sampling. Wells were purged using a gasoline powered centrifugal pump with a one-inch diameter PVC hose assembly on the intake and outlet sides. The intake end of the PVC pipe was fitted with a 2 feet Teflon™ tube equipped with a foot valve to prevent backflow into the well. In the event that it was not possible to purge with a centrifugal pump a Teflon bailer was used.

Groundwater samples were obtained using a peristaltic pump and Teflon™ tubing. Samples were collected in sequence: pesticides, nutrients then metals. For pesticide sampling a Teflon™ trap was fitted between the intake and pump head and the samples were obtained from the trap. Pre-cleaned equipment was used for each well. The samples were placed in appropriate sampling containers, placed on ice and transported to the laboratory.

2. Soil

Both soil core samples and surficial soil samples were collected during the study. During monitoring well installation (February 1997), a stainless steel split spoon was used to obtain soil samples at two-foot intervals down to the soil/groundwater interface. A total of 43 soil core samples were collected from the deeper monitoring well sites and analyzed to evaluate vertical distribution of the parameters of interest in the vadose zone.

During the May, August and November sampling events, surficial (0-1 ft) soil samples were obtained from targeted play areas. The soil samples were collected as 15 sub-samples obtained approximately ten feet apart around the perimeter of the targeted area (green, tee, fairway or mix/load area). Samples were collected using a stainless steel, one-inch diameter soil probe. The sub-samples were composited using a stainless steel mixing tray and spoon.

3. Surface Water and Sediments

With the exception of Greynolds Golf Course, all the courses participating in the study had ponds. At each golf course one pond was selected for sampling. The main criterion for pond selection was location relative to a groundwater- monitored area. The selected pond was located such that it would receive surficial storm-water runoff from an area being monitored for groundwater quality. The ponds were located within 100 to 160 feet from a monitoring well and were sampled during May, August and November 1997. Surface water samples were collected from the center of the selected pond at a depth of approximately 3 feet below water surface using a Niskin™ sampler. The sampling point was accessed by boat. Sediment samples were collected as a grab sample using a stainless steel Ponar™ Grab Sampler. Samples were obtained in the general vicinity of the surface water sampling area.

4. Study Site Selection

Five golf courses, owned by the Miami-Dade Park and Recreation Department; Palmetto Golf Course, Briar Bay Golf Course, Key Biscayne Golf Course, Greynolds Park Golf Course, and Golf Club of Miami were selected participate in the study.

Ideally, to facilitate statistically sound extrapolations and generalizations, golf courses should have been randomly selected from among the active golf courses in Miami-Dade County. However, the limitations of the study precluded the use of randomly selected courses. Instead, golf course selection was based exclusively on logistic and accessibility considerations.

Notwithstanding the lack of randomness in course selection, the five golf courses are representative of golf courses in Miami-Dade County in terms of size, age, and design. Average acreage for the participating golf courses was 130 acres for eighteen hole courses and 45 acres for nine hole courses, this compares to a countywide average of 133 and 48 acres for eighteen and nine hole courses, respectively Average age for golf courses countywide is 36 years similar to the 35 years average for the golf courses studied (DERM Agricultural Waste Permitting files, 1996-1998 inspection reports).

Although environmental setting with respect to soil type, geology and physiological features were not factors that influenced golf course selection, the selected courses exhibited diversity with respect to these parameters. Soils encountered in the study ranged from urban fill to fine sands overlying bedrock that varies from porous oolitic limestone to hard, fossilized formations. Groundwater was encountered at three to eight feet below land surface and exhibited salinity ranges from saline to freshwater.

The study design recognized that the selected courses were probably not representative of golf courses in Miami-Dade County in terms of pesticide usage. Due to differences in management practices, public golf courses typically use less pesticide and fertilizer than privately owned courses. Information from a pesticide use survey, at eight golf courses in Miami-Dade County (DERM Agricultural Waste Permitting files, 1996-1998 inspection reports) indicated an average of 104 gallons and 1630 pounds of pesticides (product weight) used annually at public golf courses surveyed compared with 204 gallons and 3656 pounds at private golf courses. Pesticide inventories obtained from public and private golf courses between 1994 and 1996 (DERM Agricultural Waste Permitting files, 1996-1998 inspection reports), indicated that, notwithstanding the differences in quantities of products used, the active ingredients used do not differ significantly between public versus private golf courses countywide. In addition, application rates are assumed to be the same per active ingredient.

5. Specific Site Descriptions

Palmetto Golf Course

The Palmetto Golf Course was established in the early 1960's and occupies approximately 120 acres in southwest Miami-Dade County. South Dixie Highway and Coral Reef Drive border the golf course on the east and north sides respectively while residential development occur on the west and south sides (Figure 4). Aerial photographs from the 1950's indicate that the area was farmed prior to being developed as a golf course.

The Soil Survey of Miami-Dade County (Noble et al., 1996) describes soils in this area as Udorthents consisting mainly of fill material over hard limestone substratum. These soils are usually associated with urban built-up areas and are considered well suited for golf courses. Lithology logs obtained during the installation of monitoring well for the study indicate that the

area consists of a layer of silt to clayey sands down to approximately 5 feet. Miami Oolite limestone subtends the sands and extends to approximately 24 feet. A layer of soft, pale yellow-orange lime mud occurs between 24 and 30 feet, the maximum depth drilled.

The golf course is located on the edge of the Atlantic Coastal Ridge and, as such, the land surface elevations here are the highest encountered during the study. This is especially true along the eastern perimeter of the course. Elevations ranged from 12 to 13 feet above sea level on the east side of the golf course to approximately 8 feet on the north and southwest sides (Dade County Public Works Department, 1955).

The C-100 canal, which forms a part of the county-wide drainage canal network, traverses the property in an approximate northwest to southeast direction. Measurements obtained during the study indicate that groundwater occurs between 2.7 and 5.5 feet above sea level with the deeper groundwater occurring to the east. Groundwater is assumed to follow regional flow direction except in the vicinity of the C-100 canal where it seems logical to expect that groundwater is influenced by the canal.

The golf course is irrigated by groundwater extracted from the underlying Biscayne aquifer. Two wells located on the northwest side of the golf course supply water for irrigation. The wells are located within 500 feet of the C-100 canal.

Briar Bay Golf Course

Briar Bay Golf Course (Figure 5), established in 1974 is a nine-hole facility that occupies approximately 30 acres. It is located approximately one half mile west of the US 1(South Dixie Highway) in southwest Miami- Dade County. The C-100C canal runs parallel to the golf course on the west and south sides at a distance of approximately a quarter of a mile.

Prior to 1971 the area supported very dense pineland vegetation. The forest was cleared between 1971 and 1972 to allow for diversion of the C-100C canal that had historically ran along the current eastern boundary of the golf course. Between February and December of 1972 and the C100C canal was diverted from its historical location along the current eastern boundary of the golf course to its current location approximately 300 feet west of the golf course. Construction on the golf course began in 1973.

Soils in this area are Biscayne marl drained, and consist of 5-12 percent clay and 1-2 percent organic matter (Noble et al., 1996). These soils are very shallow and poorly drained with moderate permeability. With regular applications of fertilizer these soils are considered suitable for the growth of Bermuda grass, the preferred grass for golf course playing surfaces in the southeast United States.

Lithology information obtained during monitoring well installation for this study revealed that the upper four feet consisted of limestone fragments which appeared to be fill material overlying Miami Oolite, which occurs down to twenty three feet. At approximately twenty-three feet a harder formation of Key Largo limestone was encountered. Land surface elevation is between 8 and 10 feet above sea level (Dade County Public Works Department, 1955).

The golf course is irrigated using groundwater supplied by a single irrigation well that produces from the Biscayne aquifer. Depth to groundwater encountered during the study ranged from 2.7 to 4.2 feet above sea level. Groundwater measurements obtained during the study indicated that localized groundwater flow is in a northerly direction.

Key Biscayne Golf Course

The Key Biscayne Golf Course (recently renamed Crandon Golf Course) was established in 1972. This 18-hole course occupies approximately 125 acres on the island of Key Biscayne located off the southeast coast of Miami-Dade County. Biscayne Bay borders it on the west, Crandon Boulevard on the east, an area of undeveloped land to the north and the Lipton Tennis Center to the south (Figure 6).

Prior to the establishment of the golf course, the southern one-third of the property was used as a municipal dump for the island of Key Biscayne. The remainder of the property was undeveloped wetlands. The dump was closed during the 1970's (DERM Waste Regulation Section, Crandon Dump files).

Soils in this area are of the St Augustine Series (Noble et al., 1996). St Augustine sands are somewhat poorly drained with less than 2 percent slope and 2-20 percent permeability. Soils of this type typically contain of 1-3 percent organic matter.

Information obtained from lithology logs during well drilling for this project revealed a very distinct, fibrous, dusky brown, peat layer approximately 1foot deep. This layer occurred at depth of approximately 6 feet below land surface (bls). This layer had a very swampy odor and is probably derived from mangrove debris. A layer of limestone fragments and sand overlie the peat. Subtending the peat to a depth of about 22 feet is a layer of dark brown soupy sand. A limestone formation is beneath the sand layer.

The groundwater beneath the golf course is subject to tidal influences especially to the west where the play areas are sometimes located within 30 feet of the Biscayne Bay. The chemistry of the groundwater reflects a tidal influence with specific conductivity reading as high as15900 uhs/cm, along the western fringe. A conductivity gradient observed between shallow and deeper

wells, especially along the west side of the course, suggests that a lens of brackish to fresh water overlays the more tidally influenced saline waters.

The land surface lies at approximately 5 feet above sea level and groundwater occurs between 1 and 3 feet above sea level. The prevailing direction of groundwater flow is north towards Biscayne Bay. The golf course uses utility water for irrigation since the salinity of the groundwater precludes its use.

Greynolds Park Golf Course

This golf course was established in the 1950's as a part of the Greynolds Park recreation and preservation area in northeast Miami-Dade County. The nine-hole golf course occupies 50 acres on the southwest side of the park and is surrounded by residential development on the north, west and south sides (Figure 7). The park itself lies just north of the Oleta River State Recreation area and consists of wetlands and oak mixed with slash pine vegetation. The Oleta River forms the eastern boundary of the Park.

Soils in this area are Miami-Dade fine sand and are described as moderately deep and well drained with very high permeability (< 20 inch/hr). These soils typically consist of 0-5 percent clay and 0-5 percent organic matter. They are considered suited for the growth of Bermuda grass when properly managed.

Since the site sits on the Atlantic Coastal Ridge, it is one of the highest points in Miami-Dade County. Elevations on site range from 9 to 10 feet above sea level (Dade County Public Works Department, 1955).

Lithology information obtained from the site indicates two feet of organic material overlying very pale orange limestone down to at least thirty feet on the north side of the course. In the more

southern areas of the course, four to six feet of light gray to orange sand overlay the limestone bedrock. The limestone formation is believed to be Miami Oolite.

The golf course is irrigated with groundwater accessed using three irrigation wells on site. Water level measurements obtained during the study reveal groundwater occurs between one and two feet above sea level, with an easterly flow towards the Oleta River.

Golf Club of Miami

Established in 1962, this 160 acres course located in northwest Miami-Dade County is bordered on the south by Miami Gardens Drive and on all other sides by residential developments. The course actually meanders around several residential developments. The course is located within 350 feet of the Peter Pike Canal on the north and west sides (Figure 8)

Soils in this area are broadly described as Udorthents, consisting of fill material over hard limestone substrata. These soils, which are moderate to well drained and are typically located in built up areas and are considered well suited for golf courses (Noble et al., 1996). Lithology information obtained during monitoring well installation indicates that the area consists of a soft, very pale orange, sub rounded sand to 20-23 feet. The sand layer overlies a hard, fossilized limestone substratum thought to be the Fort Thompson Formation. Land surface elevations range from 4-6 feet above sea level (Dade County Public Works Department, 1955).

The golf course is irrigated using groundwater as well as water from the ponds on the golf course. There are four irrigation wells. The ponds at the golf course receive storm-water runoff from the adjacent residential developments via a series of storm sewers pipes. The pond discharge to the adjacent Peter Pike Canal as necessary when the golf course becomes inundated.

Figure 4: Site diagram of Palmetto Golf Course

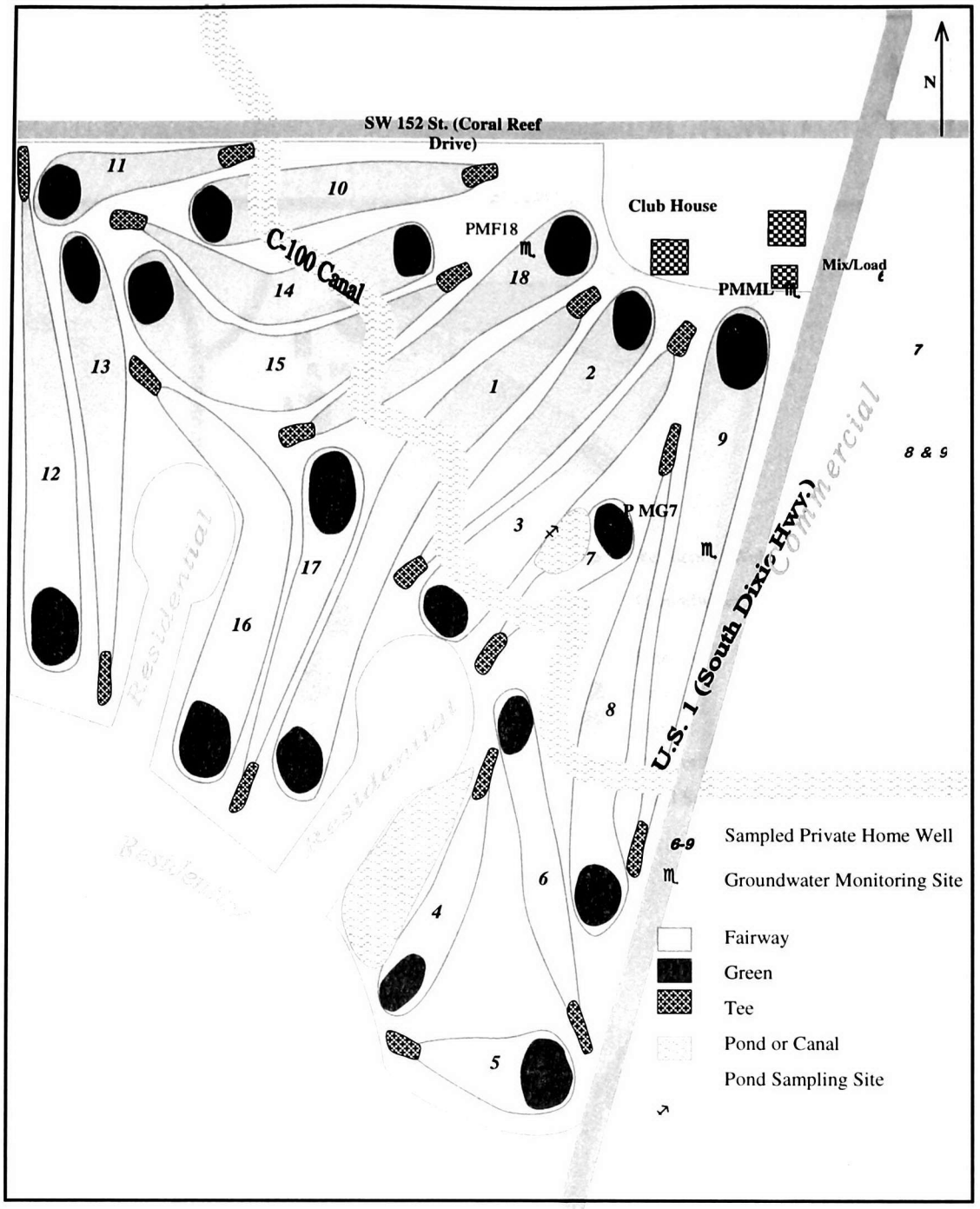


Figure 5: Site diagram of Briar Bay Golf Course

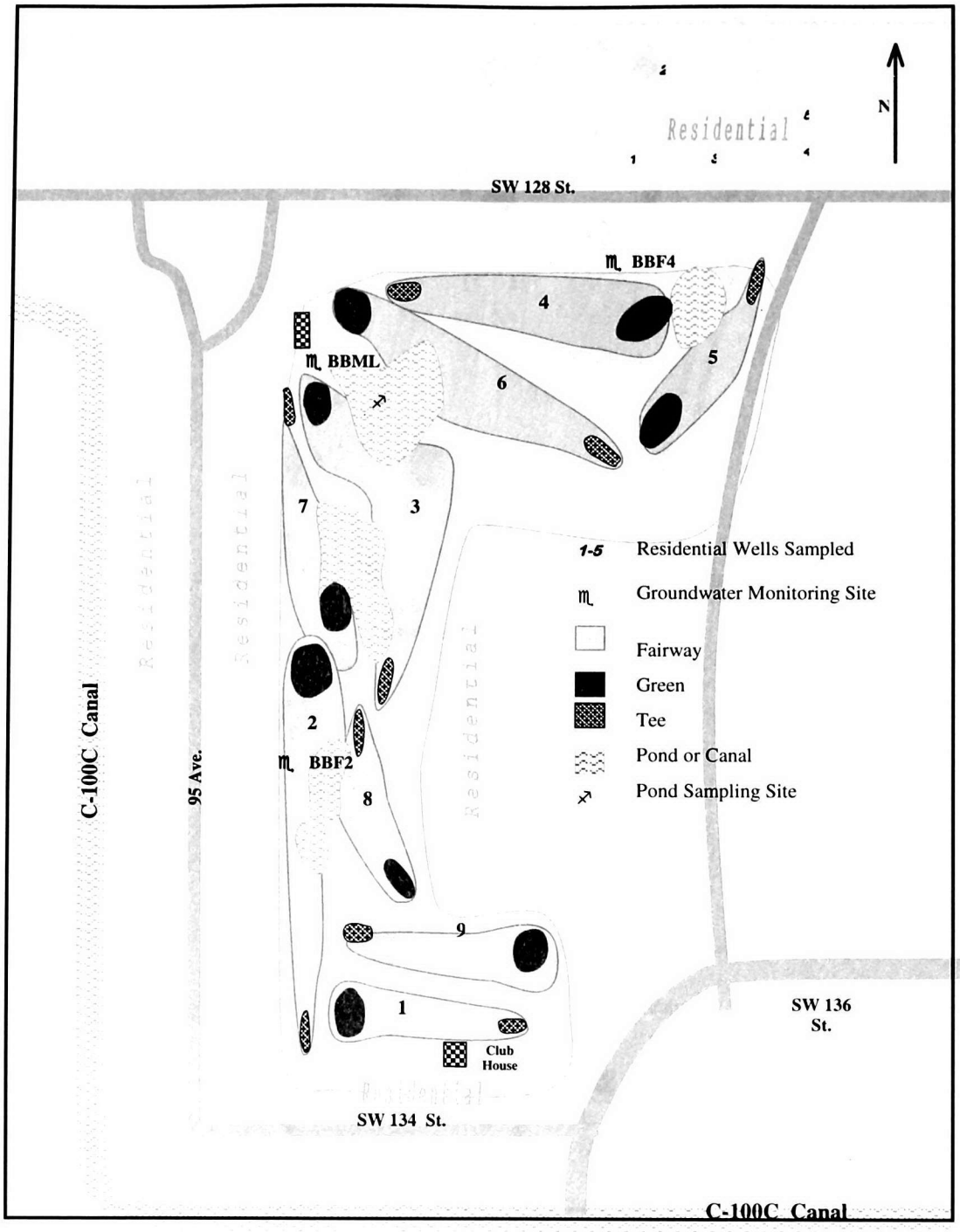


Figure 6: Site diagram of Key Biscayne Golf Course

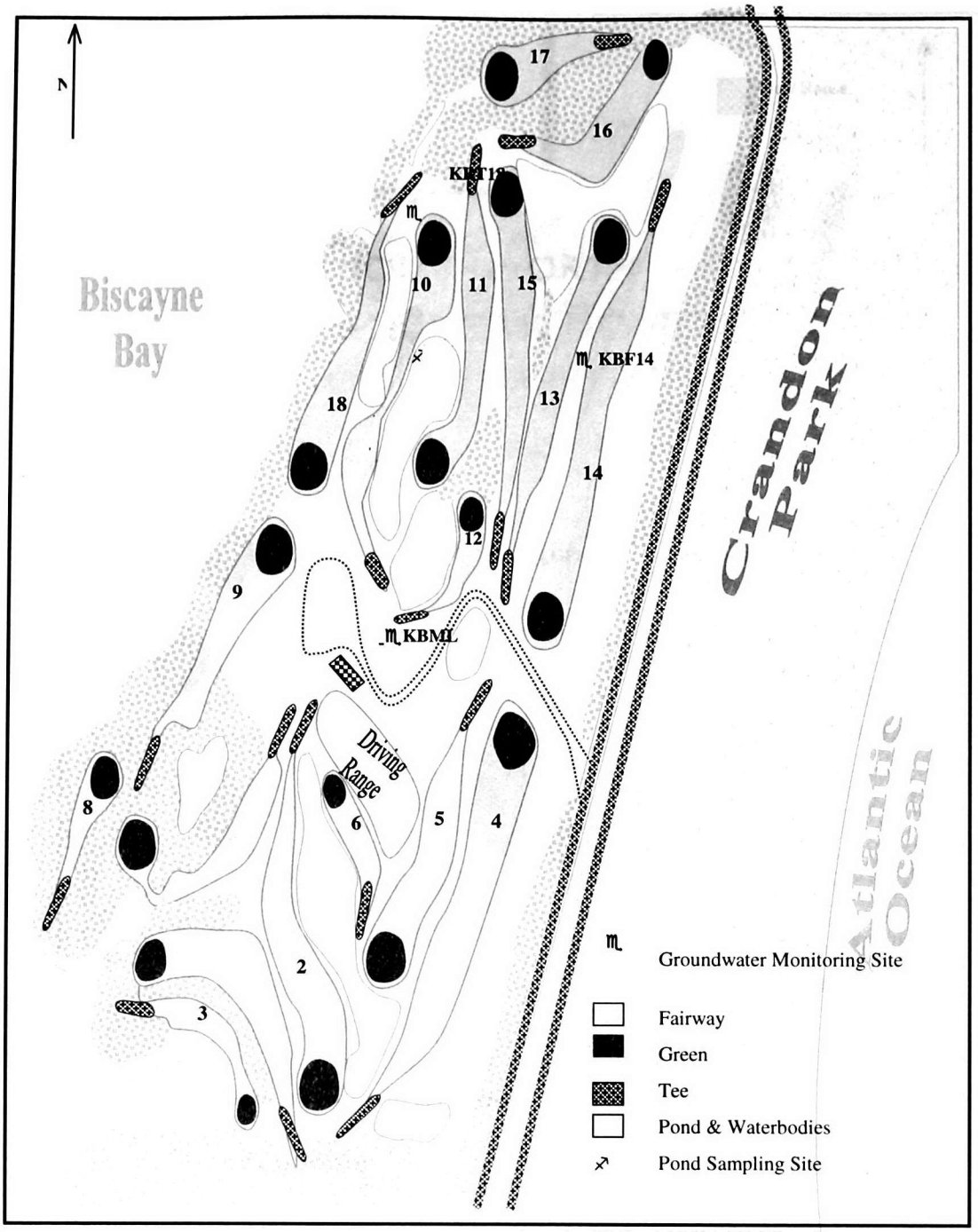


Figure 7: Site diagram of Greynolds Golf Course

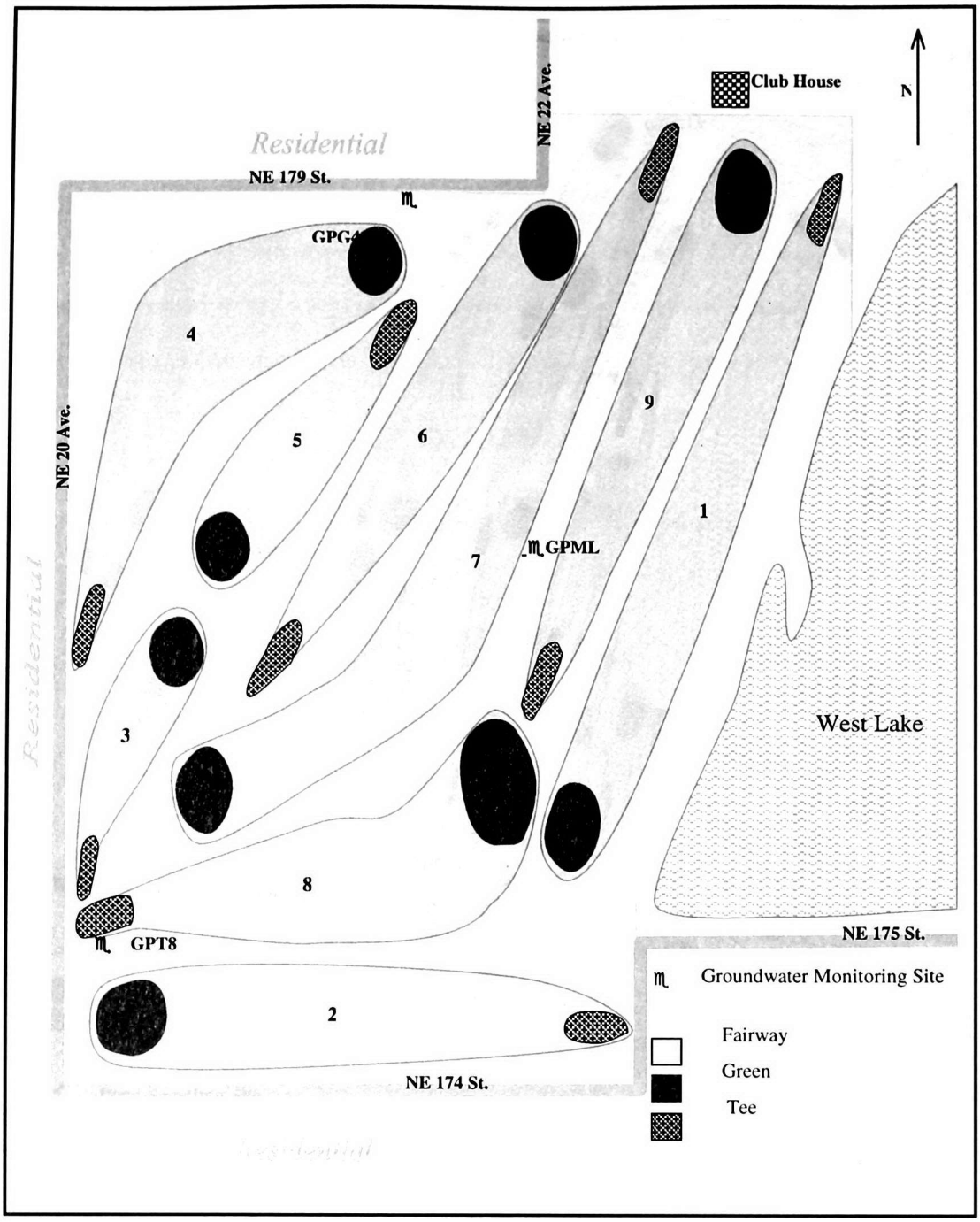
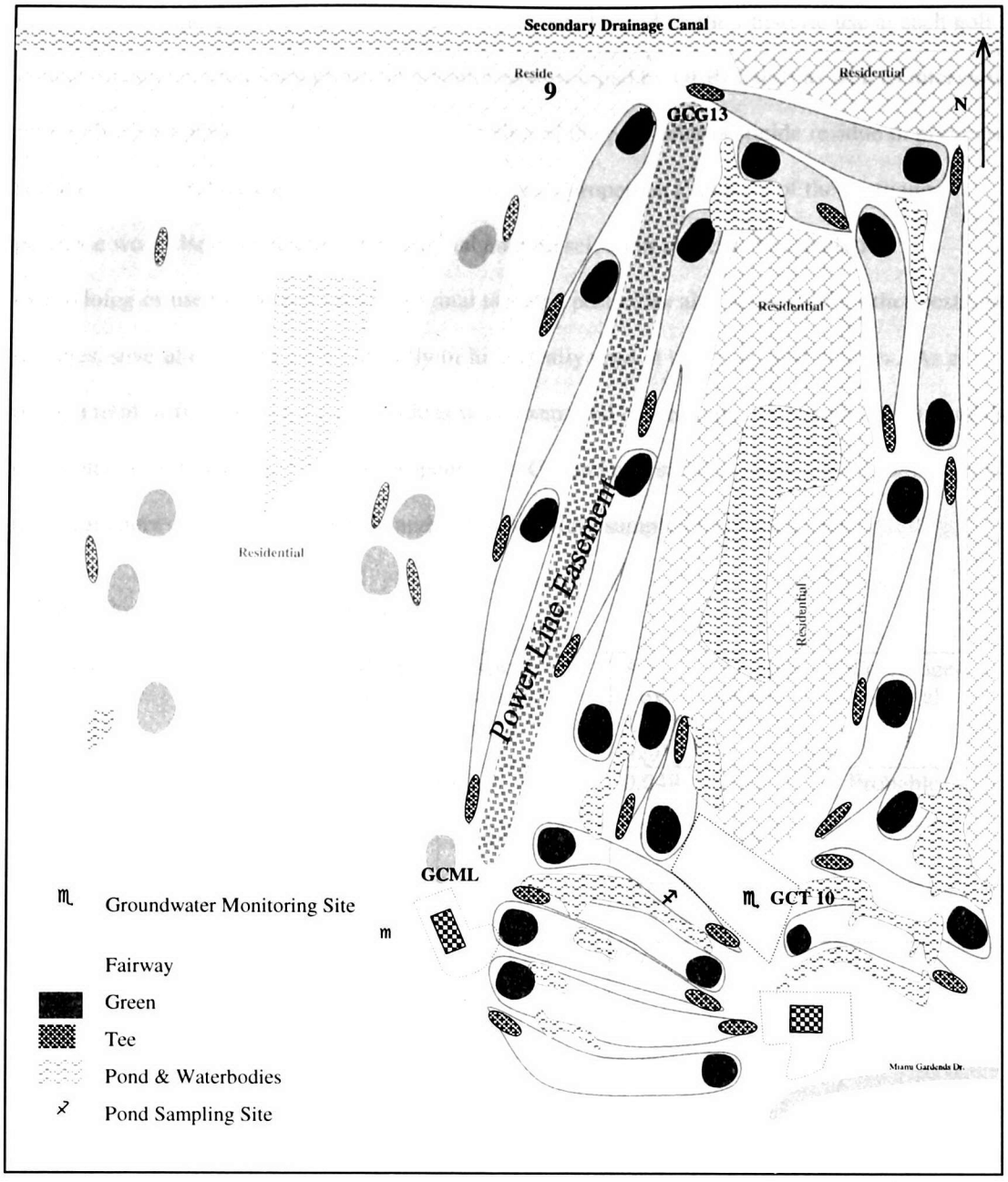


Figure 8: Site diagram of Golf Club of Miami



PARAMETERS OF INTEREST

Initially, five pesticides were targeted for groundwater study: prodiamine, fenamifos, metribuzin, chlorothalonil and arsenic. The pesticides were selected based on their historic use at each golf course (documentation from pesticide inventories developed by DERM staff as well as interviews with golf course personnel), documented detection of the particular pesticide residue in previous studies, and laboratory capability. Physical/chemical properties (Table 2) of the particular pesticide were also considered in the original analyte selection process. The analytical methodologies used to screen for the original targeted pesticides also screened for other pesticide residues, several of which were currently or historically used at the study golf courses. As a result a total of fifty-one pesticide residues were examined in the study. A complete listing of the parameters of interest is provided in Appendix 1. Ground and surface water were sampled for all the parameters of interest while soils and sediments were sampled for metals only.

Table 2: Properties of Targeted Pesticides

Pesticide	Solubility ppm *	Halflife Soils* $T_{1/2}$	Pesticide Movement Rating $^{\lambda}$*	Aq Tox LC50* mg/l	Ground Water CTL♦	Carcinogen Potential
Chlorothalonil	0.6	30	Low	0.049	3.18	Probable
Metribuzin	1200	40	High	76	175	D
Fenamifos	400	50	High	0.11	2	D
MSMA	10^6	180	Very Low	na	50**	na
Prodiamine	0.013	120	Very Low	na	na	na

* Wauchope et al., 1992, $^{\lambda}$ Derived from Groundwater Ubiquity Score (GUS)

♦: Chapter 62-777, Florida Administrative Code,

D: Inadequate evidence of human or animal carcinogenicity, **: based on arsenic

LABORATORY METHODS

The Florida Department of Environmental Protection (FDEP) laboratory in Tallahassee, Florida performed all pesticide analysis. Chlorinated pesticides in water were analyzed using a modified EPA Method 608 while organonitrogen-phosphrous pesticides in water were analyzed using a modified EPA Method 614. The FDEP laboratory was also responsible for groundwater and surface water arsenic analysis. Arsenic in water was analyzed using the Induced Coupled Plasma (ICP) Atomic Emission Spectrometric Method described as EPA Method 200.7. Laboratory quality control was in accordance with the quality control objectives outlined in the DEP Comprehensive Quality Assurance Plan (CompQAP) # 879688G

The DERM laboratory analyzed soil and sediment samples for arsenic using EPA Method 7060. The groundwater nutrient samples obtained during the February sampling were analyzed by the DERM laboratory using EPA Method 353.2 for nitrates and EPA Method 365.1 for total phosphates. Laboratory quality control was in accordance with the quality control objectives outlined in CompQAP #871238.

The Post Buckley Schuls and Jernigan (PBS&J) Environmental Laboratory in Orlando, Florida, analyzed ground and surface water nutrient samples from the May, August and November sampling. EPA Methods 353.2 and 365.1 were used for analysis of nitrates and phosphates in water respectively. The analytical methodology followed was EPA Method 365.1. Laboratory quality control was in accordance with the quality control objectives outlined in CompQAP #860044G

Arsenic mobility and toxicity are profoundly influenced by the arsenic species present. To obtain information on the actual species of arsenic present in soils and groundwater at the golf courses, selected samples were submitted for arsenic speciation analysis. Five groundwater and six soil

samples from the August sampling event were speciated to determine the arsenite (As 3+), arsenate (As 5+), and monomethylarsinic acid (MMAA) component of the samples. EPL Bio Analytical Laboratories located in Harris town, Illinois, performed the speciation analysis. Soil samples were extracted using ammonium hydroxide prior to analysis by GC/MS. Arsenic species in water samples were determined by GC/MS analysis of the thioglycolate derivatives.

STATISTICAL METHODS

Statistical analyses were performed using SPSS™ (Students Version 8.0 Software for Windows) and Sigma Stat™ (Version 2.0 for Window). Preliminary data analysis using the Kolmogorov-Smirnov test indicated that most of the groundwater and soil profile data sets were not normally distributed. The distribution could not be normalized using the popular transformation techniques. Based on the indication of non-normality in the data distribution, subsequent analyses were performed using non-parametric statistics.

Non-parametric statistical methods are independent of the shape of the sample distribution, use ranked data instead of raw data and are typically more conservative than parametric tests. For non-parametric testing the values in the data sets are ranked from lowest to highest with the lowest measurement assigned a value of one and the second lowest a value of two etc. (Zar, 1996). The assigned ranks are subsequently used in analysis.

The Spearmans Ranked Correlation was used to evaluate linear relationships between variables of interest. The Mann Whitney , Kruskal-Wallis, Dunn Pairwise Multiple Comparison Procedure, and the Tukey-Type Multiple Comparison tests were used to analyze the soil and groundwater data for statistically significant differences in analyte concentration between golf courses and among golf course play areas. The Mann-Whitney test is the non-parametric analog to the two-

sample t test and is used to test for differences between two populations. The Kruskal-Wallis test is the non-parametric alternate to the one-way ANOVA and is used to test for differences among three or more populations. The Kruskal-Wallis statistic can indicate when differences exist between comparison populations but is incapable of locating which populations differ. The Dunn -Pairwise or the Tukey-Type Multiple Comparison Procedure was used to isolate the group or groups that differ when a difference has been indicated by the Kruskal-Wallis analysis.

For comparisons between golf courses, the data points from each golf course were grouped together and each golf course treated as a sample population. To examine differences among golf course areas, data from each of the four areas (greens, tees, fairways, and mix/load) were combined to give four sample populations.

RESULTS

1. Field Measurements

The box plots presented as Figure 9 summarizes the range of values obtained from the study site with regards to the physical parameters (pH, DO, redox, salinity and specific conductivity) and compares these to concentrations from ambient groundwater for Miami-Dade County.

Except for the deep monitoring wells at Palmetto Golf Course, pH encountered at the study sites was within the range of expected background pH for Miami-Dade County. The pH encountered in the deep wells at Palmetto Golf Course was higher than at the other sites. The elevated pH in deep monitoring wells at Palmetto Golf Course may be attributable to the geology of the bedrock at the screened interval of the deep wells. Lithology information obtained during well installation indicated that a layer of soft lime mud occurs at approximately 24-30 feet. The screened interval for these wells is 28-30 feet.

Dissolved Oxygen (DO) in ambient groundwater is typically less than 1 mg/l with shallow groundwater being more oxygenated than deeper waters. Dissolved Oxygen readings encountered during the study was consistent with the background except for the shallow wells at Greynolds Park Golf Course. The DO reading for the shallow wells at Greynolds Park ranged from 0.3 to 3.1 mg/l with a median value of 1.98 mg/l. The elevated DO readings at Greynolds Park Golf Course might results from the influence of the nearby Oleta River which runs parallel to the golf course along the eastern border.

Groundwater in the shallow Biscayne aquifer typically represents an oxidizing environment as indicated by the positive redox values obtained from the ambient program. Groundwater at the study sites represented both oxidizing and reducing environments. Redox values at Key Biscayne

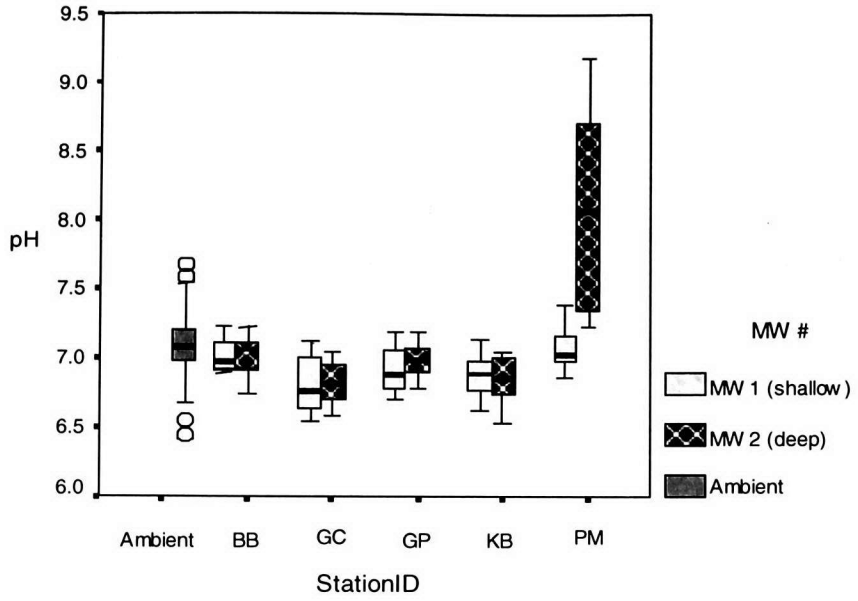
Golf Course were consistently negative indicating a reducing environment. Microbial activity associated with the peat layer encountered during well drilling could account for the anoxic environment at Key Biscayne.

Salinity values of less than one parts per thousand are usually indicative of fresh water. With the exception of groundwater below the Key Biscayne Golf Course, groundwater encountered during the study represented fresh water. Salinity values obtained from the deep wells at Key Biscayne Golf Course ranged from 0.7 to 6.1 ppt with the highest values obtained from the tee wells. The high salinity at this site reflects the influence of saltwater intrusion. The salinity range for the shallow wells at Key Biscayne were significantly lower than for the deep wells and only slightly above background suggesting the presence of a layer of almost fresh water overlying the deeper brackish water.

Specific conductance was generally higher at golf courses that in ambient groundwater. Median specific conductance value from Key Biscayne Golf Course was over twice the median value found in ambient groundwater and almost twice the value encountered at any other golf course Specific conductance values greater than 1000 uS/cm is indicative of brackish water. The high specific conductance (> 10,000 uS/cm) values from the deep tee wells at Key Biscayne describe moderately saline waters.

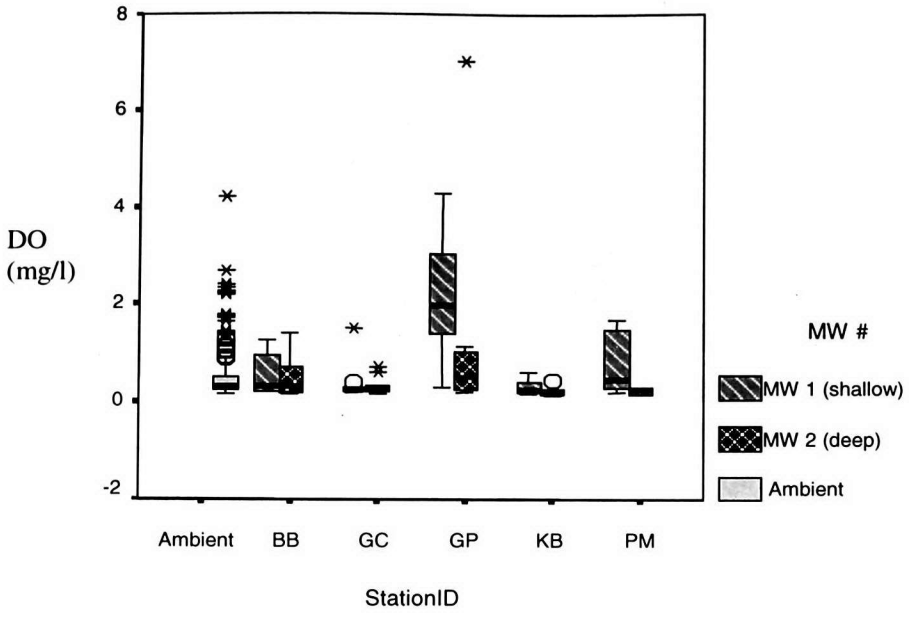
Figure 9a-9e: pH, DO, Redox, Salinity and Specific Conductivity from five golf courses in Miami-Dade County

a) pH



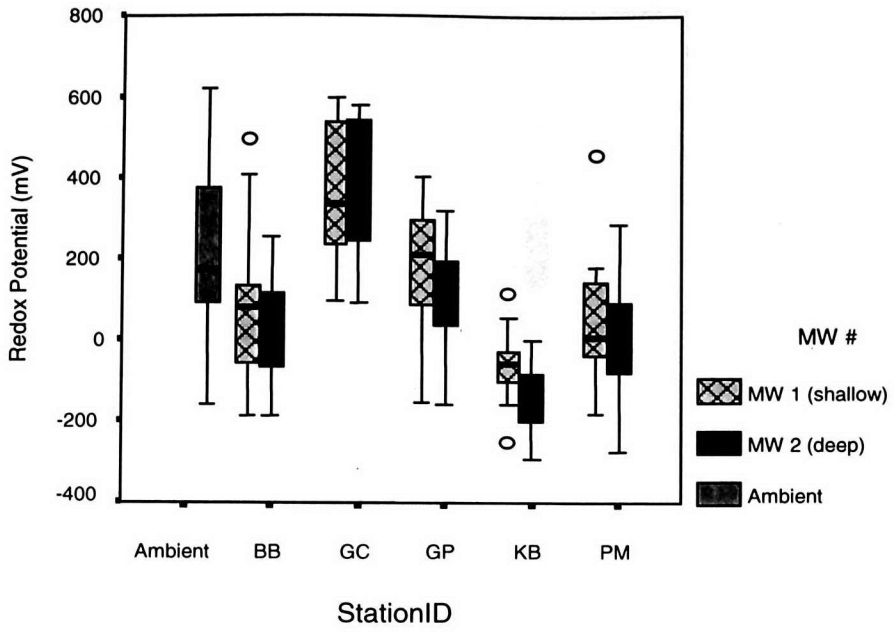
Station ID	N	pH values			
		Min	Max	Mean	Median
BB (MW1)	12	6.89	7.23	7.02	6.97
BB (MW2)	12	6.74	7.22	7.01	7.06
GC (MW1)	10	6.54	7.12	6.79	6.77
GC (MW2)	12	6.59	7.04	6.82	6.81
GP (MW1)	12	6.69	7.18	6.92	6.88
GP (MW2)	12	6.78	7.18	6.98	6.98
KB (MW1)	12	6.62	7.13	6.89	6.89
KB (MW2)	12	6.52	7.04	6.83	6.85
PM (MW1)	12	6.85	7.39	7.06	7.02
PM (MW2)	12	7.23	9.18	8.08	8.07
Background	11	7.03	7.49	7.19	7.17

b) Dissolved Oxygen



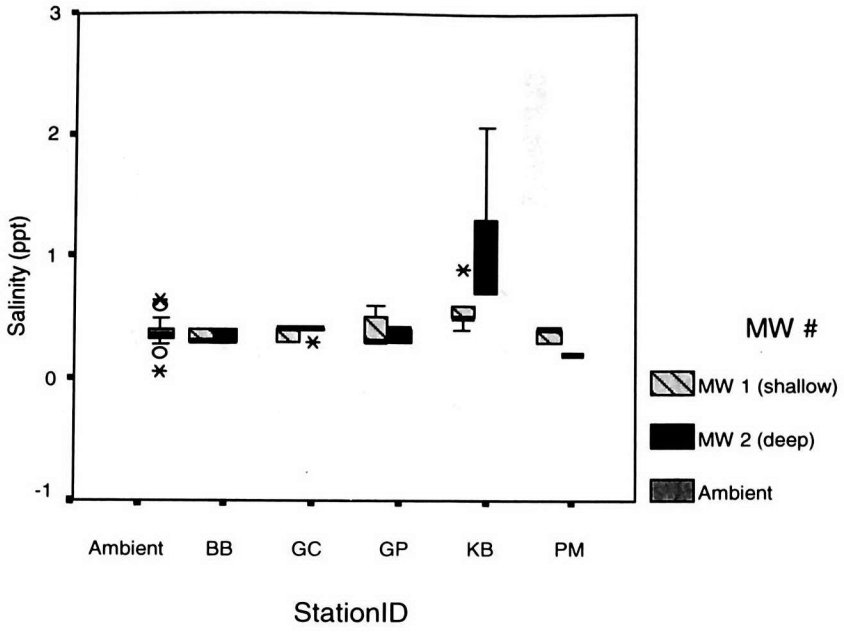
Station ID	N	Dissolved Oxygen (mg/l)		
		Min	Max	Mean
BB (MW1)	12	0.21	1.25	1.09
BB (MW2)	12	0.15	1.42	0.49
GC (MW1)	9	0.20	1.50	0.4
GC (MW2)	9	0.15	0.71	0.34
GP (MW1)	12	0.30	1.33	1.31
GP (MW2)	12	0.20	7.02	1.10
KB (MW1)	12	0.16	0.62	0.29
KB (MW2)	12	0.13	0.42	0.21
PM (MW1)	7	0.20	1.67	0.83
PM (MW2)	6	0.15	0.30	0.23

c) Redox Potential



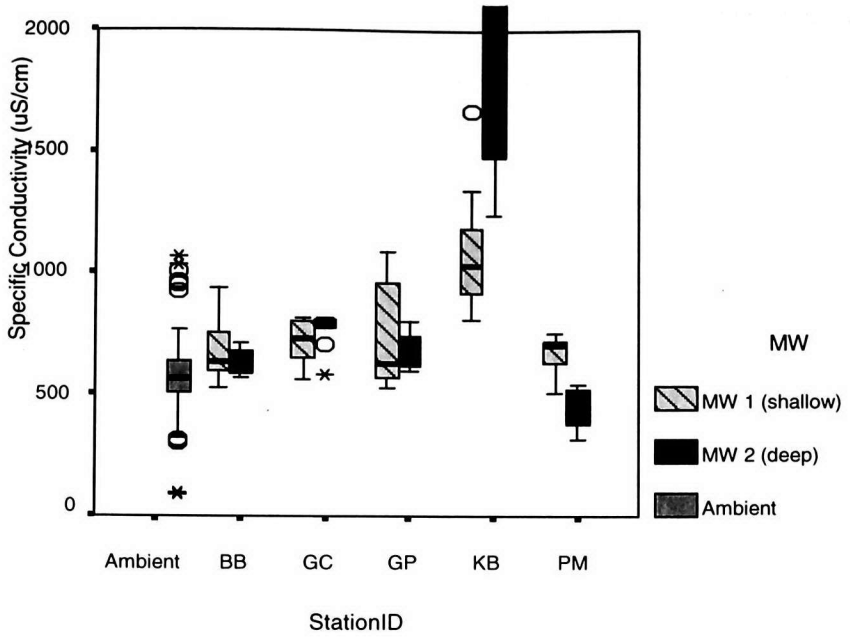
Station ID	N	Redox Potential (mV)			
		Min	Max	Mean	Median
BB (MW1)	12	-188	492	92.92	58.50
BB (MW2)	12	-185	253	33.00	61.00
GC (MW1)	10	94	595	355.60	335.50
GC (MW2)	10	92	578	397.50	473.00
GP (MW1)	12	-154	402	170.67	207.50
GP (MW2)	12	-161	317	95.42	103.00
KB (MW1)	12	-251	113	-61.83	-61.00
KB (MW2)	12	-293	-1.5	-138.29	-108.00
PM (MW1)	12	-181	458	61.56	6.87
PM (MW2)	12	-275	286	16.67	69.00
Background	11	-159	134	22.09	47.00

d) Salinity



Station ID	N	Salinity (ppt)			
		Min	Max	Mean	Median
BB (MW1)	9	0.3	0.4	0.34	0.3
BB (MW2)	9	0.3	0.4	0.33	0.3
GC (MW1)	7	0.3	0.4	0.36	0.4
GC (MW2)	7	0.3	0.4	0.39	0.4
GP (MW1)	9	0.3	0.6	0.40	0.3
GP (MW2)	9	0.4	0.9	0.58	0.5
KB (MW1)	9	0.4	0.9	0.58	0.5
KB (MW2)	9	0.7	6.1	1.63	1.1
PM (MW1)	9	0.3	0.4	0.37	0.4
PM (MW2)	9	0.2	0.2	0.20	0.2
Background	8	0.2	0.3	0.25	0.25

e) Specific Conductivity



Station ID	N	Specific Conductivity (uS/cm)			
		Min	Max	Mean	Median
BB (MW1)	12	525	932	671	635
BB (MW2)	12	569	713	624	591
GC (MW1)	10	563	815	713	726
GC (MW2)	10	577	810	762	784
GP (MW1)	12	524	1086	732	624
GP (MW2)	12	597	798	693	702
KB (MW1)	12	808	1667	1089	1029
KB (MW2)	12	1233	15904	4217	2241
PM (MW1)	12	506	751	664	697
PM (MW2)	12	314	541	447	471
Background	11	314	618	470	500

2. Arsenic

Unlike most pesticides, arsenic occurs naturally in many soils at low levels. In addition, arsenic may also be present in soils due to industrial contamination, past agricultural practices, and current application of arsenic containing fertilizer and soil amendments. In the context of this study, arsenic is routinely applied as MSMA at most golf courses. A total of 28 herbicide brands containing MSMA as the active ingredient are currently registered for use in the state of Florida.

Arsenic in Soil

Arsenic was ubiquitous in golf course soils. The data indicates that concentration of arsenic in the surficial soils at the golf courses is not reflective of naturally occurring background concentrations for Miami-Dade County which is estimated at1.22 mg/kg, [best estimate of mean] (DERM technical report, 2001 in draft). Arsenic concentration in all but one of the surficial soil samples collected for the study was above this background concentration. In addition, most of the soil samples collected during the study exceeded both the residential (0.8 mg/kg) and industrial (3.7 mg/kg) soil CTL. In the case of the surficial soils, 97% of samples exceeded the residential CTL and 90% exceeded the industrial. For the core samples obtained during monitoring well installation, the exceedences were 60% and 42% for the residential and industrial SCTL respectively (Table 3).

Highest arsenic concentrations were found in the first 2 feet of soil, and tended to decrease with depth. The number of soil samples exceeding the soil CTL indicated a strong negative linear correlation with depth (Spearman's correlation coefficient $\rho = -1.00$, $\alpha = 0.01$). Arsenic was found at levels exceeding the residential and the industrial cleanup level down to the soil/water interface. Summary statistics for arsenic in soils is presented as Table 4.

Table 3: Soil Samples Exceeding Soil CTL for Florida

	Total Samples	# samples exceeding residential CTL (0.8 mg/kg)†		# of samples exceeding industrial CTL (3.7 mg/kg) †		# of samples exceeding leachability criteria (29 mg/kg) †	
Totals for Surficial Soil Samples 0-1 ft.:	30	29	97%	27	90%	7	23%
Soil Interval 0-2 ft.	15	10		8		1	
" 2-4 ft.	15	8		5		0	
" 4-6 ft.*	9	5		4		0	
" 6-8 ft.	3	2		1		0	
" 8-10 ft. **	1	1		0		0	
Totals for Core Samples:	43	26	60%	18	42%	1	2%
Total Percent Exceedences:		75%		62%		11%	

† FDEP Soil Cleanup Target Level (Chapter 62-777, Florida Administrative Code)

* Mean groundwater table interval

** Maximum water table depth

Analysis of arsenic concentration in the soil profile using the Kruskal-Wallis test indicated no significant differences between golf courses either for the entire soil profile or for discreet depth intervals. Multiple comparison analysis of surficial soil arsenic concentration between golf courses (Tukey-Type test) indicated significant differences when data from Greynolds Park Golf Course was compared with Key Biscayne Golf Course as well as with Golf Club of Miami. The other population comparisons indicated no significant differences.

Table 4: Summary Statistics for Soil Arsenic Concentration (mg/kg)

	N	Median	Range	Minimum	Maximum	Percentiles	
						25th	75th
Soil Profile*	43	1.19	17.09	0.1	17.19	0.49	5.27
Surficial Soils	31	15.10	54.00	0.80	54.80	9.90	28.80
All Soils*	74	5.6	54.70	0.1	54.80	0.87	14.28

* One data point with a value over 9 times the interquartile range was excluded from the analysis

Arsenic in Groundwater

Shallow wells (7-12 feet)

Arsenic was detected in 14 of the 15 shallow groundwater wells with a median concentration being 27.5 ug/l. Thirty-two percent of shallow ground water samples exceeded the Florida groundwater CTL (50 ug/l) for arsenic in groundwater (Chapter 62-777, Florida Administrative Code). This is consistent with the data from golf courses in other parts of Florida where twenty-nine percent of groundwater samples from nine golf courses in North and Central Florida exceeded the CTL for arsenic (Swancar, 1996). The data was compared to a proposed MCL of 10 ug/l based on federal initiatives currently under consideration. Seventy-six percent of the shallow groundwater samples would exceed the proposed MCL of 10 ug/l (Table 5).

Analysis of the groundwater data from the shallow wells indicated that there were no statistically significant differences in shallow groundwater arsenic concentration across the five golf courses. However, when the data from shallow wells were compared with background arsenic data a significant difference was indicated. The implication is that arsenic concentration in the shallow wells at golf courses are not reflective of background conditions however, they appear to be

reflective of concentrations that might be typically be encountered at golf courses. There is a strong positive correlation between arsenic concentration at the soil/water interface and arsenic in shallow groundwater (Spearman's correlation coefficient $\rho = 0.708$, $\alpha = 0.01$). However, a comparative analysis of the data from soil samples obtained during monitoring well installation versus groundwater data obtained from the shallow wells during the first quarter sampling event indicates that arsenic concentration in groundwater is not correlated with arsenic concentration in shallow substrate (0-2ft) soils (Spearman's correlation coefficient $\rho = 0.304$, $\alpha = 0.01$).

Overall median arsenic concentration in shallow well decreased to 20.4 ug/l (from 27.5 ug/l) with the addition of data from a follow up sampling event in April 1999. However, there was no consistent indication of a tendency to a reduction in groundwater arsenic concentrations since the concentrations in some wells increased while some wells showed a decline.

Deep Wells (21-28 feet)

There were no exceedences of the current arsenic MCL in groundwater from the deep wells however; approximately 18% of the samples would exceed the 10 ug/l MCL being proposed based on current federal initiatives (Table 6). As in the case of the shallow wells, groundwater arsenic concentration in the deep wells exhibited no significant differences (Kruskal Wallis test) when compared across golf courses. In addition, arsenic concentrations in deep (21-28 ft) groundwater at golf courses were not significantly different (Kruskal Wallis test) from background arsenic concentrations from wells of similar depth in the AWQM network. Data from the March 1999 sampling event indicated no significant change in arsenic concentration in groundwater from deep wells.

Table 5: Summary Statistics for Shallow Groundwater Arsenic Concentration

Golf Course	# Samples (n)	Arsenic Concentration (ug/l)			(#) and % of samples exceeding	
		Min	Max	Median	MCL (50ug/l)	Proposed MCL (10ug/l)
Briar Bay	12	1.00	815	2.5	(5) 41.7%	(5) 41.7%
Palmetto	12	1.00	10.5	56.0	(1) 8.3%	(6) 50.0 %
Key Biscayne	12	14.00	392.00	14.00	(4) 33.3%	(12) 100%
Golf Club of Miami	12	12.00	123.00	30.00	(4) 33.3%	(12) 100%
Greynolds Park	12	10.00	243.00	30.00	(5) 41.7%	(11) 91.7%
Total	60	1.00	815.00	27.50	(19) 31.7%	(44) 76.6%
Background*	10	1.00	5.00	1.00	(0) 0%	(0) 0%
Historical Background**	22	1.00	13.9	2.00	(0) 0 %	(1) 4.5%

* Data from background wells sampled concurrently with golf course wells

** Historical data from the AWQM network

Table 6: Summary Statistics for Deep (21-28 ft) Groundwater Arsenic Concentration

Type of Site	# Samples (n)	Arsenic Concentration (ug/l)			% of samples that would exceed an MCL of 10 ug/l*
		Min	Max	Median	
Briar Bay	12	1.00	44.00	1.00	33.3%
Palmetto	12	1.00	6.00	1.00	0%
Key Biscayne	12	1.00	11.30	1.00	16.7%
Golf Club	12	1.00	4.00	1.00	0%
Greynolds Park	12	1.00	19.00	3.00	25%
Total	60	1.00	44.00	1.00	18%

Arsenic Levels at Different Golf Course Areas

Mix/Load Sites

Monitoring sites were located at or in the vicinity of the agrichemical mixing and loading areas of all the participating golf courses. Data from mix load sites is analyzed with the caveat that accessibility constraints at Golf Club of Miami and Key Biscayne Golf Course resulted in the wells being sited at less than optimal distances (200 ft and 82 ft respectively) from the mix load sites. At Palmetto Golf Course wells were place adjacent to a new mix/load center. Based on the foregoing, the data from the mix/load sites at Briar Bay and Greynolds Park Golf Course are considered to be most representative of historical impact and traditional mix/load sites. Data from all mix/load sites are presented in Table 7a and Figure 10a-d however only data from Briar Bay and Greynolds Park Golf course (Table 7b) are used in the discussions.

All soil samples from Briar Bay and Greynolds Park golf courses exceeded the soil residential CTL. The soil sample collected from the 0-2 ft interval of the mix/load site at the Briar Bay Golf Course (during monitoring well installation) had an arsenic concentration of 120.65 mg/kg which was over nine times the interquartile range for soil samples obtained during the study. While this data point was considered environmentally valid it was considered a statistical outlier and was not included in data analysis. There were not enough data points to facilitate a statistical analysis of arsenic concentration in soils at mix/load sites.

The shallow ground water samples from the mix/load sites at Briar Bay and Greynolds Park consistently exceeded the arsenic MCL with the median concentrations at 519 ug/l and 181 ug/l respectively. Arsenic was elevated above and significantly different from background in the samples from the deep wells at Briar Bay and Greynolds Park but the MCL was not exceeded.

Table 7a: Summary Statistics for Samples Obtained from Mix/load Sites by Sample Matrix (all mix load sites)

Sample Type25th	Depth	N	Arsenic Concentration			Percentile	
			Min	Max	Median	25th	75th
Soil (mg/kg)	Surficial	6	5.60	33.50	11.70	7.62	19.25
	Core*	12	0.20	9.10	4.43	1.84	6.27
Water (ug/l)	Shallow	20	1.00	815.0	31.8	20.65	354.75
	Deep	20	1.00	44.00	1.00	1.00	13.75

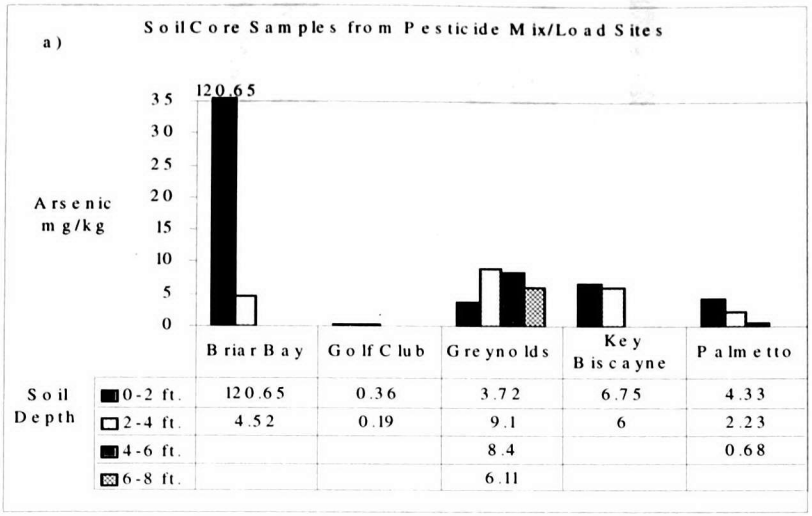
* One data point with a value over 9 times the interquartile range was excluded from the analysis

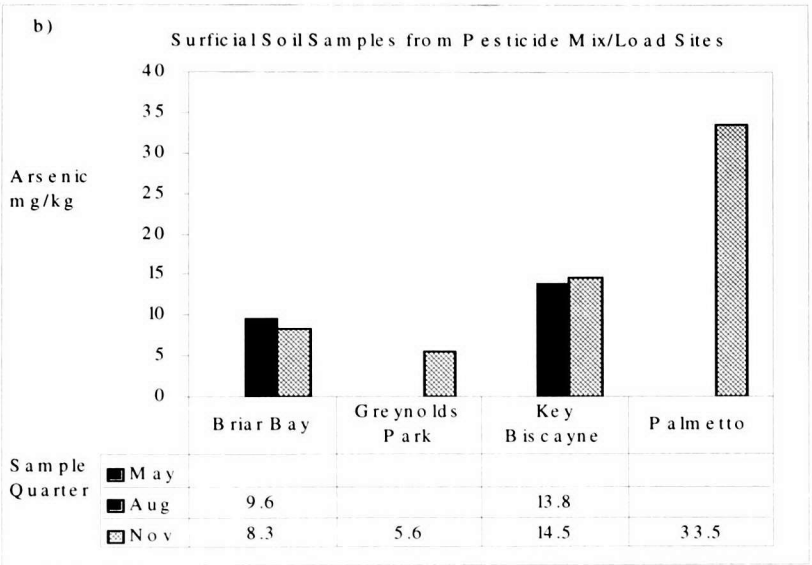
Table 7b: Summary statistics for samples obtained from mix load site at Briar Bay and Greynolds Park Golf Course

Site	Sample type	Depth	n	Arsenic Concentration soils (mg/kg) groundwater (ug/l)			Percentile	
				Min	Max	Median	25th	75th
Briar Bay	Soil	Surficial	2	8.3	9.6	8.95	8.63	9.28
		Core*	1	4.52			na	
Briar Bay	Ground water	Shallow	4	455.00	815.00	519.00	470.75	741.25
		Deep	4	15.00	44.00	24.85	17.18	39.50
Greynolds Park	Soil	Surficial	1	5.6			na	
		Core	4	3.72	9.10	7.26	5.50	8.58
Greynolds Park	Ground water	Shallow	4	128.00	243.00	181.00	129.75	239.00
		Deep	4	3.00	19.00	9.80	4.65	16.75

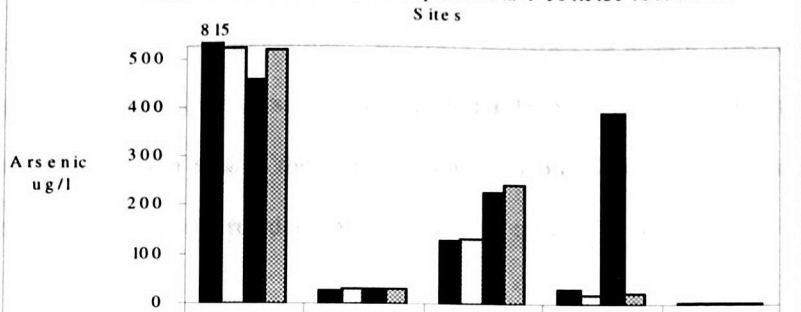
Except for shallow groundwater from the mix/load sites at Key Biscayne data from the March 1999 sampling event were within the ranges of concentration experienced during 1997

Figure 10 a-d: Arsenic concentration in soil and groundwater from mix/load sites



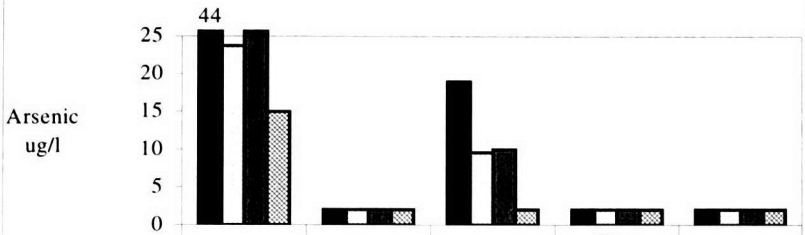


c)



Sampling Quarter	Briar Bay	Golf Club	Greynolds	Key Biscayne	Palmetto
Feb	815	27	128	32	2
May	520	32	135	20	2
Aug	455	29	227	392	3
Nov	518	31	243	22	2

d) Deep Groundwater Samples from Pesticide Mix/Load Sites



Sampling Quarter	Briar Bay	Golf Club	Greynolds	Key Biscayne	Palmetto
Feb	44	2	19	2	2
May	23.7	2	9.6	2	2
Aug	26	2	10	2	2
Nov	15	2	2	2	2

Fairways

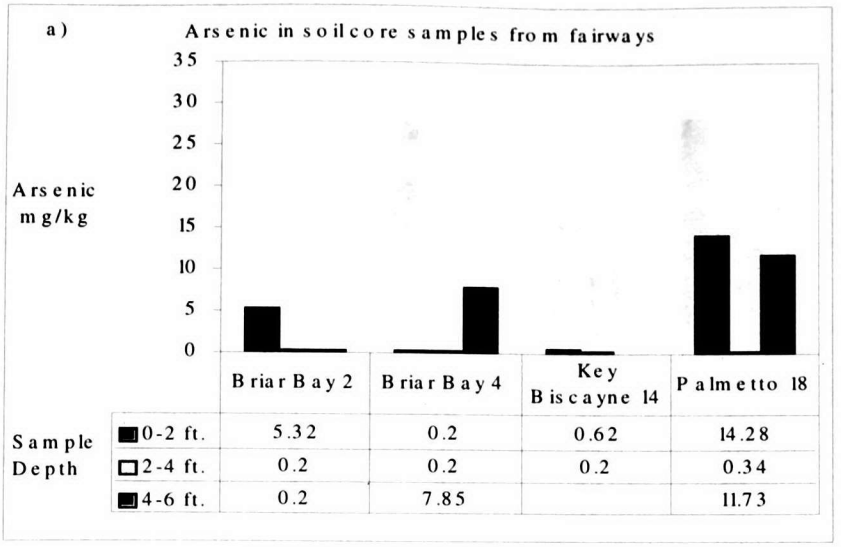
Four fairway sites were monitored. Summary statistics for arsenic concentration at fairway sites are provided in Table 8. Arsenic was detected at levels exceeding both the residential and industrial criteria in 36% of the soil core samples from fairway sites. Arsenic levels in surficial soils exceeded both the residential and industrial criteria in all samples (Figure 11a and b).

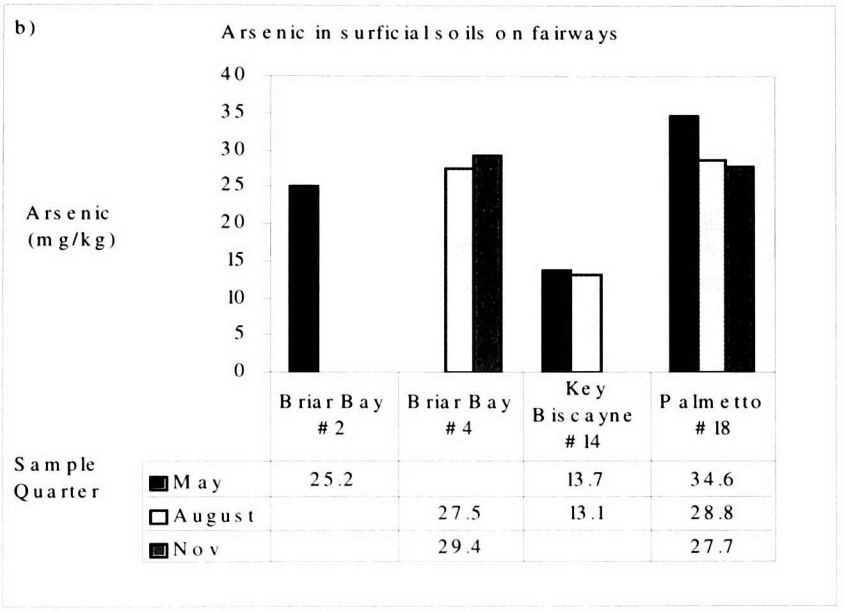
Arsenic was elevated over background in the shallow groundwater at several fairway sites, however, the MCL was exceeded only twice; at Palmetto and Briar Bay Golf Courses. Both exceedences occurred during the first sampling event. The exceedence of the MCL at fairway #4 at Briar Bay Golf Course during the first sampling event was inconsistent with the trace levels detected in the subsequent samples (Figure 11c). Arsenic was detected in trace amounts in 31% of the samples from deep wells (Figure 11d). Groundwater arsenic concentration at fairways during 1999 was generally within the range of concentrations experienced in 1997.

Table 9: Summary Statistics for Soils and Groundwater at Fairway Sites

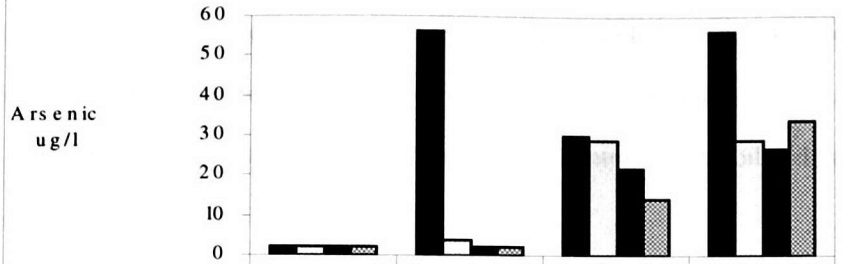
Sample Type	Depth	n	Arsenic Concentration				
			Minimum	Maximum	Median	25th percentile	75th percentile
Soil (mg/kg)	Surficial	9	13.10	34.6	27.5	14.4	29.1
	Core	11	0.1	14.28	0.34	0.1	7.85
Water (ug/l)	Shallow	16	1.00	56.00	17.75	1.00	29.85
	Deep	16	1.00	6.00	1.00	1.00	3.00

Figure 11 a-d: Arsenic concentration in soil and groundwater at fairway sites



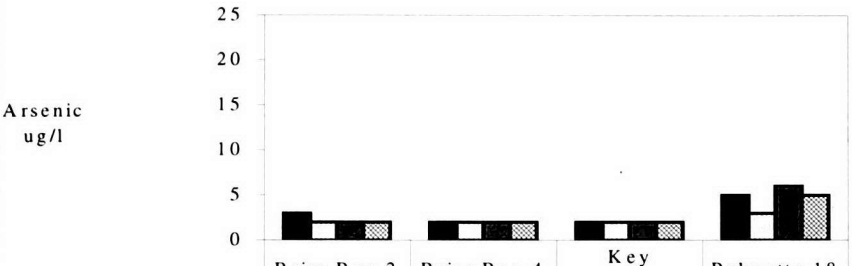


c) Shallow Groundwater Samples from Fairway Sites



Sampling Quarter	Briar Bay 2	Briar Bay 4	Key Biscayne 14	Palmetto 18
Feb	2	56	30	56
May	2	4	29	29
Aug	2	2	22	27
Nov	2	2	14	34

d) Deep Groundwater Samples from Fairway Sites



Sampling Quarter	Briar Bay 2	Briar Bay 4	Key Biscayne 14	Palmetto 18
Feb	3	2	2	5
May	2	2	2	3
Aug	2	2	2	6
Nov	2	2	2	5

Arsenic Levels at Green Sites

The residential SCTL was exceeded in 66% of the soil core samples from green sites. Only one such sample exceeded the industrial level (Figure 12a.). In contrast all but one surficial, soil sample from greens exceeded the residential criteria and 50% exceeded the industrial criteria (Figure 12b.). The green at Greynolds Park Golf Course had the highest arsenic levels for surficial soils. Summary statistics for arsenic concentrations in soil and groundwater at green sites are provided in Table 9.

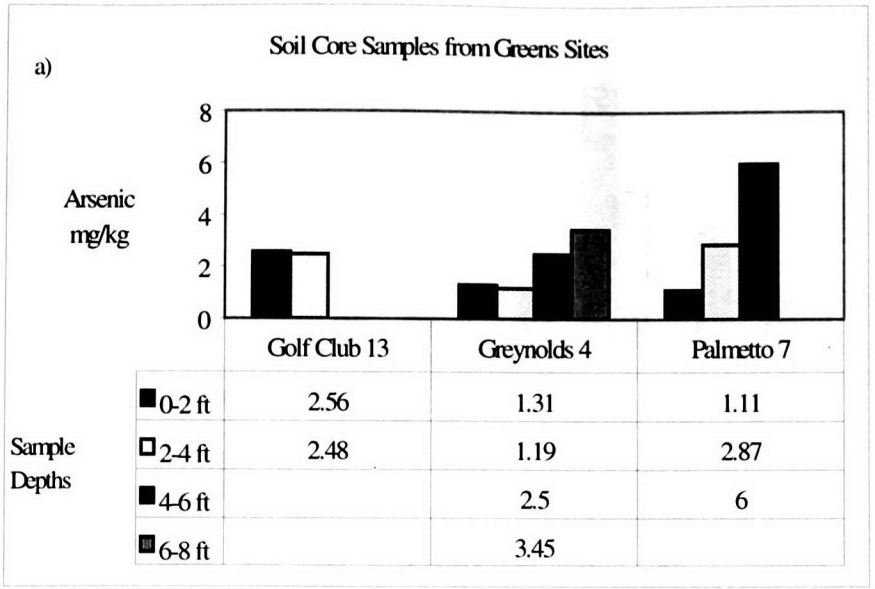
Arsenic levels in shallow ground water on greens ranged from 7 – 55 ug/l with a single exceedence of the MCL occurring at Greynolds Park during the third sampling episode (August). Arsenic was detected in trace amounts at some of the deep wells. (Figure 12c, d). Data obtained from green sites during the 1999 sampling event were consistent with the 1997 data except at Greynolds Park Golf Course. Arsenic concentration in shallow groundwater declined to BDL in 1999.

Table 9: Summary Statistics for Arsenic at Green Sites

Sample Type	Depth	n	Arsenic Concentration			25^{th} percentile	75^{th} percentile
			Minimum	Maximum	Median		
Soil (mg/kg)	Surficial	7	0.8	40.4	4.30	1.80	32.8
	Core	9	0.1	6.0	1.11	0.49	2.38
Water (ug/l)	Shallow	12	6.5	55.0	13.55	10.5	23.97
	Deep	12	1.00	4.0	1.00	1.00	3.75

Figure12a-d: Arsenic in soil and groundwater at green sites

a)



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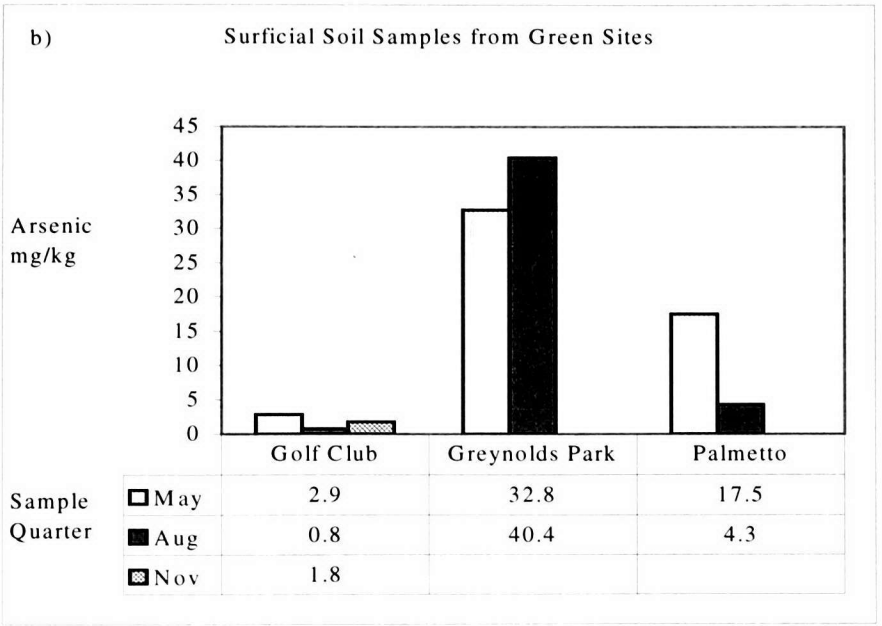
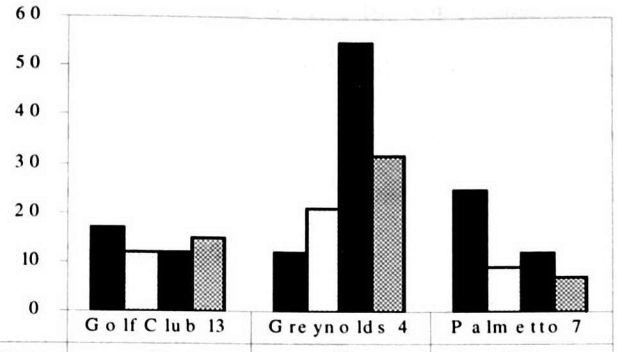


c)

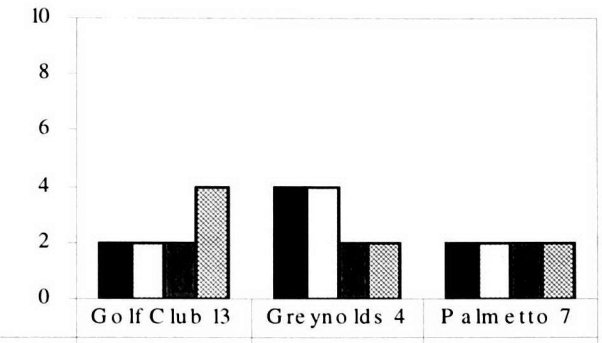
Shallow Groundwater Samples from Green Sites



Sampling Quarter	Golf Club 13	Greynolds 4	Palmetto 7
Feb	17	12	25
May	12	21	9
Aug	12	55	12
Nov	15	32	7

d)

Deep Groundwater Samples from Green Sites



Sampling Quarter	Golf Club 13	Greynolds 4	Palmetto 7
Feb	2	4	2
May	2	4	2
Aug	2	2	2
Nov	4	2	2

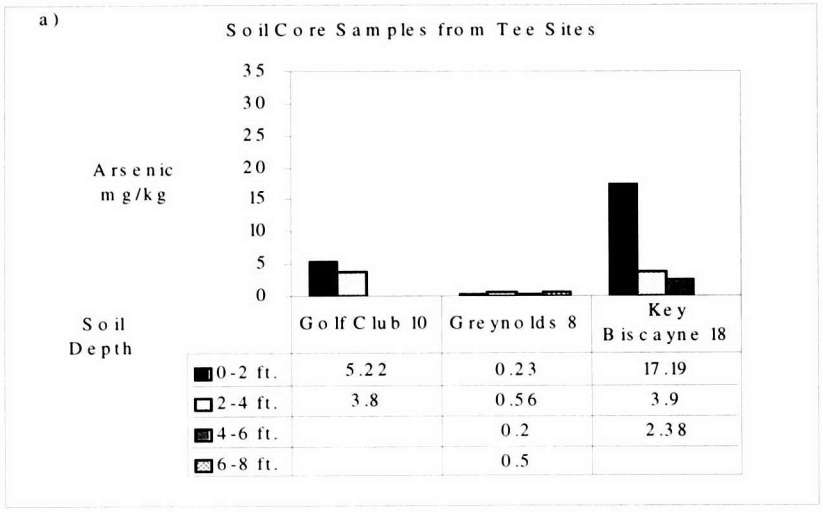
Arsenic Levels at Tee Sites

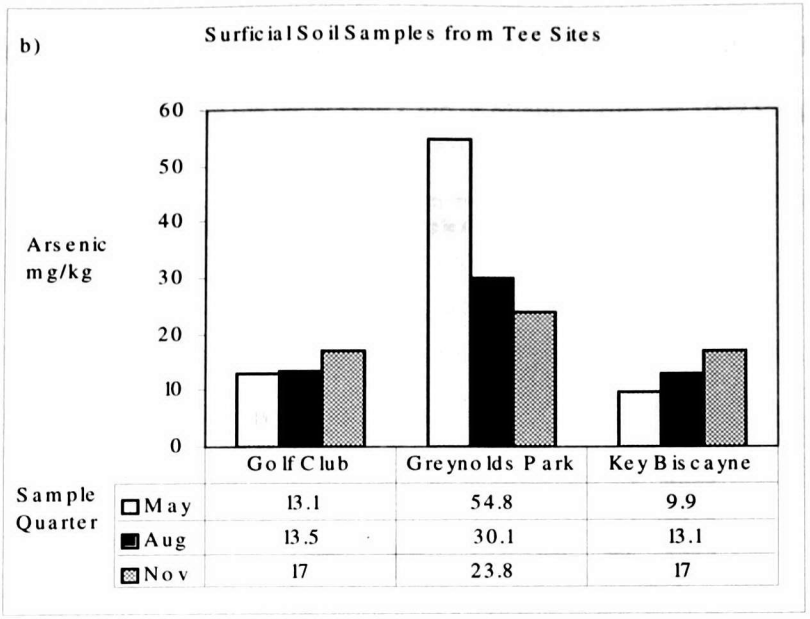
Three tee sites were monitored during the study, summary statistics for arsenic concentrations in soil and groundwater at tee sites are provided in Table 10. Soil arsenic levels from core samples ranged from BDL to 17.19 mg/kg with 38% and 30% of the samples exceeding the residential and industrial soil cleanup target levels, respectively (Figure 13a). Arsenic levels in the surficial soil samples at the tee sites consistently exceeded both residential and industrial criteria (Figure 13b). Values ranged from 9.9 to 54.8 mg/kg.

Table 10: Summary Statistics for Arsenic at Tee Sites

Sample Type	Depth	N	Arsenic Concentration			25th percentile	75th percentile
			Minimum	Maximum	Median		
Soil	Surficial	9	9.9	54.8	17.00	13.1	26.95
(mg/kg)	Core	10	0.1	17.19	1.69	0.36	4.32
Water	Shallow	12	10.5	123.0	81.75	18.25	23.97
(ug/l)	Deep	12	1.00	11.3	3.00	1.00	8.50

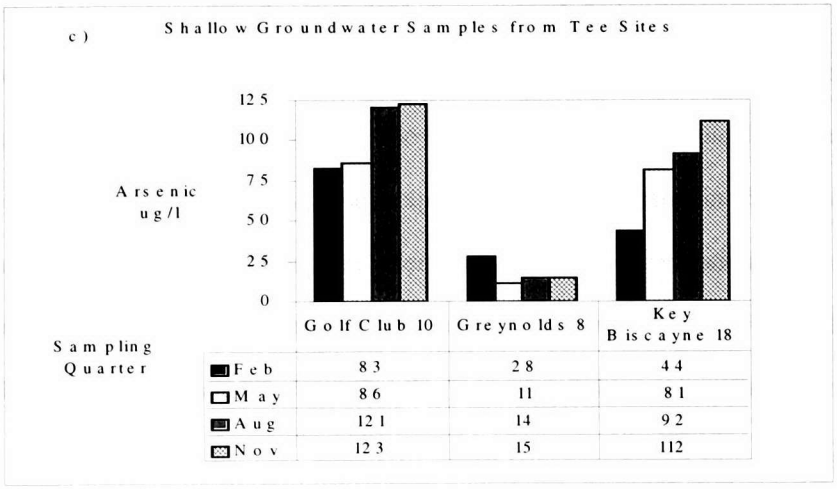
Figure 13a and 13b: Arsenic concentration in soil core and surficial soil samples at tee sites



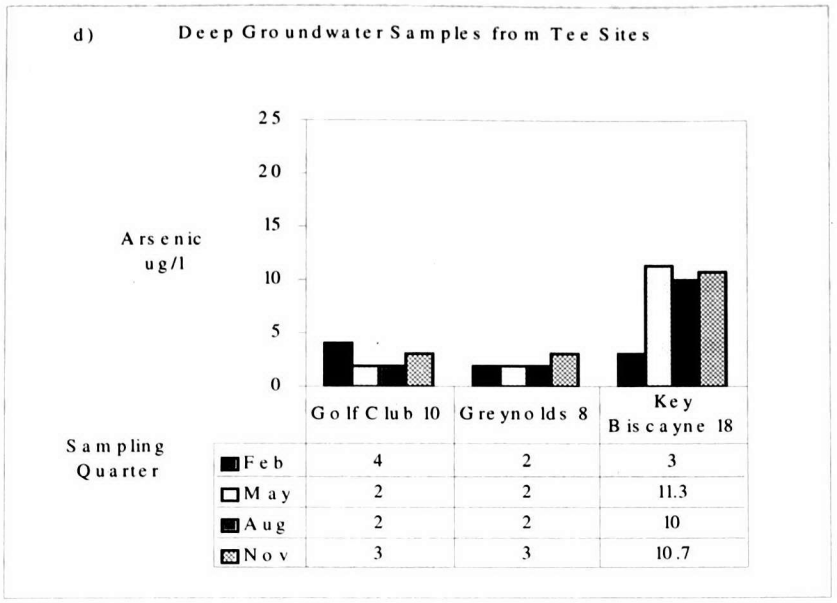


Shallow ground water samples at Golf Club of Miami consistently exceeded the ground water standard and at Key Biscayne all but one sample (February) exceeded the standard (Figure 13c and 13d).

Figure 13c and 13d: Arsenic in groundwater (shallow and deep) at tee sites



Arsenic was elevated above background for deep groundwater at Key Biscayne Golf Course tee site. Arsenic concentration was elevated above the 1997 levels in the shallow groundwater sample obtained from the tee at Golf Club of Miami during the 1999 sampling event.



Arsenic concentration at mix/load sites and play areas

The occurrence of agrichemicals in soils and groundwater at mix load sites at golf courses is considered to be generally attributable to spills and inadequate mixing and loading practices while occurrence in the environment at play areas is assumed to be the result of legal applications. Based on the above, the loading rates of agrichemical contaminants to the environment in these two areas are expected to differ resulting in differences in contaminant levels. The data was analyzed to determine if arsenic concentration in soils and groundwater at mix/load areas was significantly different from concentrations encountered at the play areas. The data was also analyzed to determine if arsenic distribution across the play areas is consistent with

management intensity since greens and tees are typically more intensely maintained and hence subject to more frequent agrichemical applications than fairways.

The distribution of soil arsenic concentration did not indicate a pattern based on assumed differences in loading rate and management intensity. Kruskal-Wallis analysis indicated no significant differences between the populations.

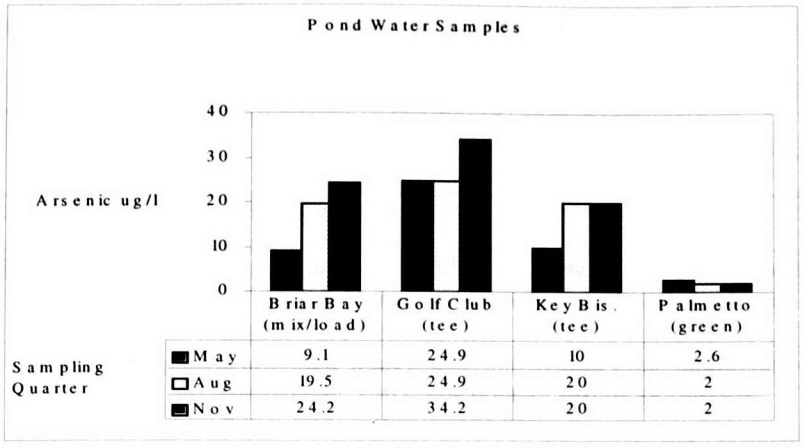
With respect to shallow groundwater, Mann-Whitney analysis indicated that the population from mix/load sites was significantly difference from tees, greens and fairways. When the data from the three play areas was compared, using the Dunn test, tee sites were found to be significantly different from greens and fairways. Greens and fairways were not significantly different. The statistical implication is that there are three separate populations with respect to groundwater arsenic concentration, mix/load sites, tees, and greens and fairways combined.

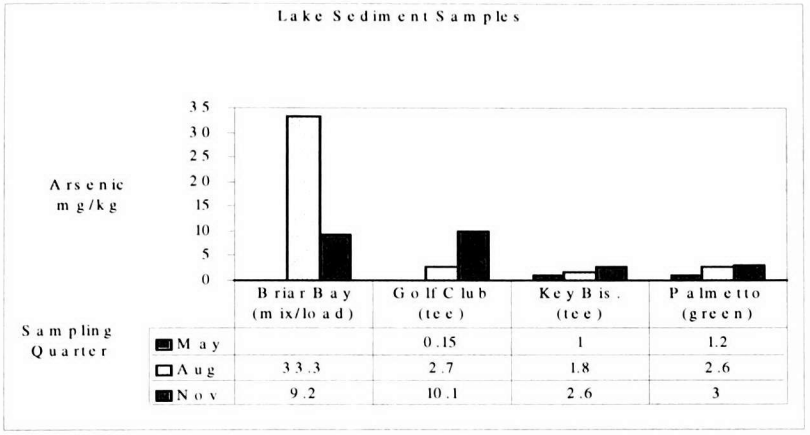
Arsenic in Surface Water and Sediments

Concentrations of arsenic in surface water samples ranged from BDL (2 ug/l) to 34.2 ug/l with a median concentration of 19.75 ug/l. There was no exceedence of the FDEP surface water CTL of 50 ug/l.

The levels of arsenic in the sediment samples ranged from 0.15 mg/kg to 33.3 mg/kg with a median concentration of 2.6 mg/kg. In the absence of sediment quality criteria for freshwater, the arsenic concentrations in sediments were compared to the Sediment Quality Assessment Guideline (SQAG's) developed for Florida's Coastal Waters (MacDonald 1994). Three samples exceeded the Threshold Effects Level (TEL) of 7.2 mg/kg that indicates the contaminant concentration below which adverse biological effects are not expected (MacDonald 1994).

Figure 14: Arsenic concentration in surface water and sediment samples in ponds at four golf courses in Miami-Dade County





Private Home Well Sampling

In January 1998, based on the detection of arsenic in the shallow ground water at the golf courses in the study, the Florida Department of Health (FDOH), was requested to sampled private home wells within close proximity of any of the golf courses in the study. Nine home wells within a quarter mile radius of the Palmetto and Briar Bay Golf Courses were sampled for arsenic. Arsenic was detected at concentrations ranging from 0.14 to 0.59 ug/l.

Arsenic in Fertilizers

Fourteen fertilizer samples were collected from the five participating golf courses and analyzed for arsenic as an inadvertent contaminant (Table 11).

Table 11: Arsenic concentration in fertilizer formulations

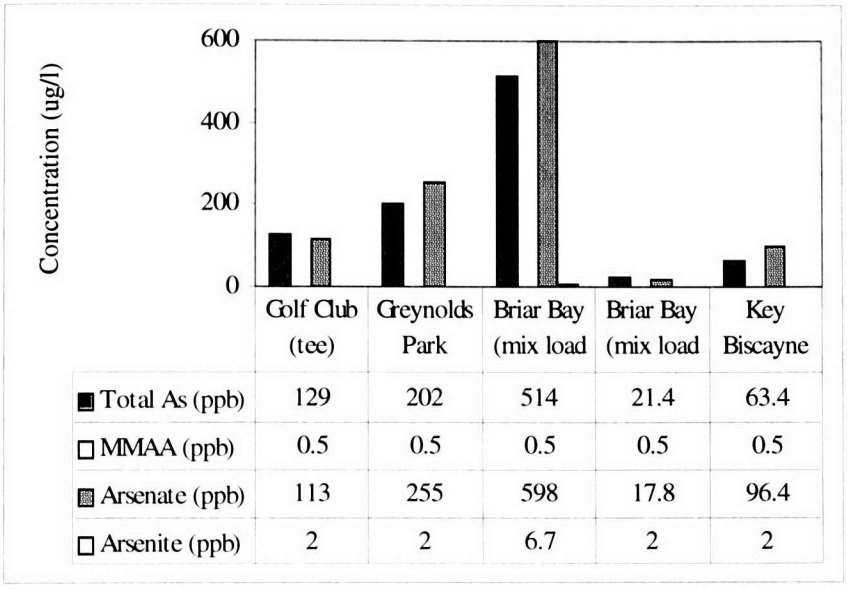
Sampling Location	Nitrogen Source	Arsenic (mg/kg)
Golf Club of Miami	Ammoniated phosphate, polymer coated urea, sulfate of ammonia, muriate of potash, potassium nitrate, sulfate of potash.	2
	Activated sludge, polymer coated urea, ammoniated phosphate, sulfate of potash, sulfate of potash-magnesia, sulfur coated urea	1
	Sulfate of potash, copper oxide, iron oxide, manganese sulfate, manganese oxide, zinc oxide, sodium borate, iron sulfate	4.3
	Ammoniated phosphate, polymer coated urea, potassium nitrate, sulfate of ammonia, sulfate of potash, muriate of potash.	2
Greynolds Park Golf Course	Sulfate of ammonia, di-ammonium phosphate, sulfate of potash, sulfate of potash-magnesia, sulfur coated urea, manganese oxide, iron oxide.	6.9
	Sewage sludge, packaged for retail use as a soil amendment	6.8
	Sulfate of ammonia, activated sludge, sulfate of potash, magnesium sulfate	2.7
Palmetto & Briar Bay Golf Courses	Sewage sludge, sulfur coated urea, triple super phosphate, sulfate of potash, sulfate of potash-magnesia.	2
	Sulfate of ammonia	0.8
	Poly coated urea, coated urea, monoammonium phosphate, sulfate of potash, iron oxide, iron sulfate, manganese oxide, manganese oxide.	2
	Sulfur coated urea	BDL
Key Biscayne Golf Club	Poly coated sulfur coated urea, monoammonium phosphate, sulfate of potash, iron oxide, iron sulfate oxide, manganese sulfate.	15
	Sulfur coated urea	BDL
	Sulfate of ammonia	BDL

Arsenic Speciation

Groundwater

Speciation analysis of five groundwater arsenic samples indicated that arsenic was present as inorganic arsenic, with the (As $^{5+}$) species the predominant ion. The organic species (MMAA), present in the herbicide (MSMA) typically used at golf courses, was not detected. Trace amounts of arsenite (As $^{3+}$) was detected in one sample (Figure 15). The absence of arsenites and MMAA is consistent with the fact that in well oxidized environments, As $^{5+}$ is the equilibrium species.

Figure 15: Arsenic species distribution in groundwater



	Golf Club (tee)	Greynolds Park	Briar Bay (mix load	Briar Bay (mix load	Key Biscayne
Total As (ppb)	129	202	514	21.4	63.4
MMAA (ppb)	0.5	0.5	0.5	0.5	0.5
Arsenate (ppb)	113	255	598	17.8	96.4
Arsenite (ppb)	2	2	6.7	2	2

Soils

Six soil samples, also obtained during August 1997 were also submitted for arsenic speciation analysis. All the recovered arsenic was in the form of inorganic arsenates. The absence of the arsenite species is inconclusive, since one limitation of the analytical methodology is the possibility that any arsenite present could be oxidized to arsenate during the extraction process.

3. Pesticides

Ground water

Concentrations of pesticides in groundwater were generally low and were undetected in over 95% of the samples. Pesticides were detected above practical quantitation limit (PQL) in ten samples from shallow monitoring wells and in one sample from a background well in a residential neighborhood. A total of six pesticide residues were detected (Table 12).

Chlorothalonil was detected once at the mix/load site at Briar Bay Golf Course. Chlorothalonil is a contact fungicide for the control of a board spectrum of fungi. A 1996 pesticide use survey (mail out survey administered by author) indicated that between 2.5 and 25 gals (active ingredient) per year are used at golf courses in Miami-Dade County. A total of four different pesticide residues were detected in groundwater at Golf Club of Miami. Metribuzin, one of the most preferred herbicide used at golf courses in Miami-Dade County, was detected three times. Metribuzin is used alone or more typically in combination with MSMA for the control of goosegrass (personal communication). Oxadiazon, is a pre-emergent herbicide used in crabgrass and goosegrass control was detected once. This product is applied twice per year at the Golf Club of Miami with an estimated 0.5 tons (active ingredient) used each year.

The two other pesticide residues detected in ground water were chlorpyrifos-methyl and dieldrin. Neither is registered for use in turf management. Chlorpyrifos-methyl is registered as an insecticide for use on stored grain. Dieldrin is no longer registered for use in the United States. All registered uses were cancelled in 1987. However, dieldrin is very persistent in the environment ($T_{1/2} > 1000$ days) and as such its presence at the Golf Club of Miami may be a remnant of historical usage. Dieldrin was the only pesticide detected at concentrations above the Florida ground water CTL.

Table 12: Pesticides detected in ground water

Station ID	Well	Sampling Quarter	Conc (ug/l)	Pesticide Residue	Criteria *(ug/l)	Criteria Exceeded?
BBML	Shallow	4th	0.25	Chlorothalonil	3.18	No
GCML	Shallow	2nd	1.6	Metribuzin	175	No
GCML	Shallow	4th	0.95	Chlorpyrifos Methyl	70	No
GCG13	Shallow	4th	9.7	Metribuzin	175	No
GCT10	Shallow	1st	0.14	Oxadiazon	35	No
GCT10	Shallow	1st	0.49	Dieldrin	0.1	Yes
GCT10	Shallow	2nd	0.12	Dieldrin	0.1	Yes
GCT10	Shallow	3rd	0.091	Dieldrin	0.1	No
GCT10	Shallow	4th	0.056	Dieldrin	0.1	No
GCT10	Shallow	4th	1.3	Metribuzin	175	No
GW 50	Back ground		0.48	Atrazine	3	No

* FDEP: MCL, CTL or Guidance Concentration (Chapter 62-777, Florida Administrative Code)

Atrazine was detected in one of the ambient background well, GW50, located in a residential area approximately one mile to the SE of Golf Club of Miami. Atrazine is registered for use on residential lawns and is the most commonly detected pesticide in shallow groundwater in urban areas nationally (Barbash et al., 1999). Pesticides were detected most frequently at the Golf Club of Miami. Eighty-one percent of the pesticides detected in groundwater during the study were detected at the Golf Club of Miami. This can be partially explained by the fact that this was the

only golf course consistently sampled for chlorinated pesticides. Four of the ten pesticide detections in ground water (40%) at the study courses was dieldrin, a chlorinated pesticide.

Surface Water

Trace amounts of four pesticide residues, fonofos, atrazine, oxadiazon, and ethoprop were detected in surface water from golf course ponds (Table 13). Fonofos (1.2 ug/l) and ethoprop (0.66 ug/l) exceeded the surface water cleanup target level (62-777 Florida Administrative Code).

Table 13: Pesticides Detected in the Surface Water

Near GW site	Station ID	Sampling Quarter	Concentration ug/l	Pesticide Residue	Surface water cleanup target level (ug/l)
Mix/load	BBL	Third	1.2	Fonofos	0.095
Tee 10	GCL	Second	1.5	Atrazine	1.8
Tee 10	GCL	Third	1.8	Oxadiazon	44
Tee 10	GCL	Fourth	2.3	Oxadiazon	44
Tee 10	GCL	Fourth	0.47	Atrazine	1.8
Green 7	PML	Third	0.66	Ethoprop	0.315

Sixty seven percent of pesticide detections in surface water occurred at the Golf Club of Miami. Atrazine and oxadiazon were detected twice. The Golf Club of Miami uses approximately 4-6 tons (mixed product weight) of an atrazine/fertilizer mix per year and approximately 25 tons (mixed product weight) of oxadiazon. Oxadiazon was the only pesticide detected in both ground and surface water at golf courses both detections occurred at the Golf Club of Miami.

Fonofos and ethoprop were detected at the Briar Bay and Palmetto Golf Courses, respectively. Pesticide inventory records from these golf courses (personal communication) indicate that

fonofos was last used at the Briar Bay Golf Course in 1996 and there is no record of ethoprop use at the Palmetto Golf Course in the two years prior to the study.

4. Nutrient Components

Nitrates in ground water

Eleven shallow groundwater samples exceeded the MCL for nitrates. All of these exceedences were from mix/load sites and occurred at least once at each golf course. Overall highest nitrate concentration in shallow groundwater was encountered at the mix/load site at Greynolds Park Golf Course (Figure 10). Median nitrate concentration in shallow wells calculated as 1.15 mg/l was above an ambient background of 0.02 mg/l obtained from the AWQM network (n = 235). None of the deep well samples exceeded the MCL. Summary statistics for nitrates in groundwater are presented in Table 14.

The presence of high levels of nitrates in shallow ground water at mix/load sites may be due in part to the fact that except for the Palmetto Golf Course, the mix/load area is also used for washing equipment including fertilizer spreaders and as such fertilizer residues remaining in the spreader after application is washed off and can potentially leach into the underlying groundwater.

Statistical multiple comparison analysis (Dunn test) of nitrates in shallow groundwater from the different golf course areas indicated that a significant difference exist between mix/load sites and greens and fairways but there was no significant difference between mix/load and tee site. With respect to play areas, tee sites were different from greens and fairways. This is consistent with fertilization requirements, tees typically require more fertilizer than greens then fairways (Balough and Walker, 1992).

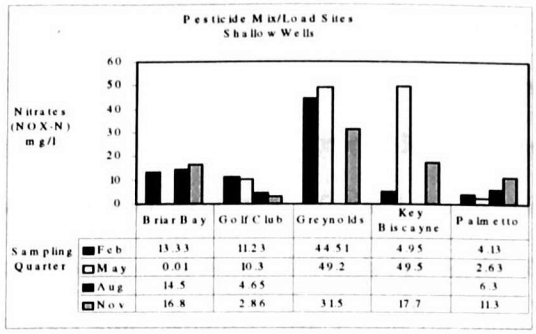
Phosphates in ground water

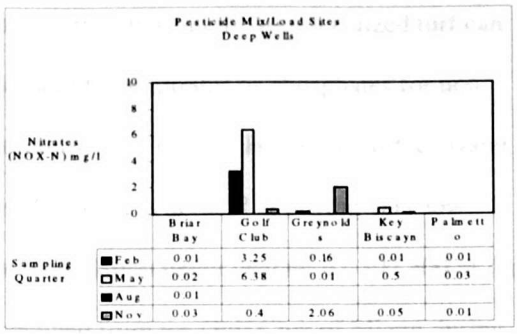
Concentrations of total phosphates (TPO_4) in groundwater ranged from BDL (0.02 mg/l) to 1.069 mg/l. The median phosphate concentration for shallow wells was 0.16 mg/l as compared to 0.06 mg/l in the deep wells. Phosphate levels in ground water at the study sites were elevated over median background concentrations. Historical data from the AWQMN (n=458) indicate background concentrations of phosphate in groundwater at 0.029mg/l.

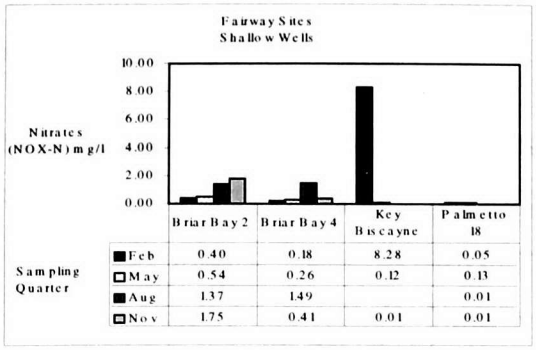
Table 14: Summary statistics for nitrates in groundwater (all concentrations in mg/l)

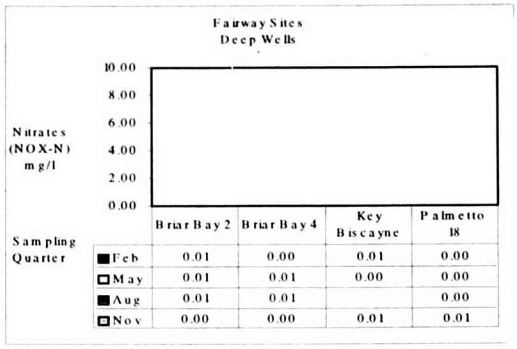
Type of Site	Well # *	n	Min	Max	Median	25th percentile	75th percentile	# samples above MCL
Fairway	1	15	0.01	8.28	0.26	0.02	0.49	None
	2	15	0.01	0.05	0.01	0.01	0.02	None
Green	1	10	0.01	6.77	0.02	0.01	2.39	None
	2	11	0.01	8.34	0.06	0.02	2.04	None
Tee	1	10	0.10	9.24	1.70	0.49	8.01	None
	2	10	0.01	4.91	2.16	0.04	3.58	None
Mix/Load	1	17	0.01	49.5	11.30	4.80	24.60	11
	2	16	0.01	6.38	0.03	0.01	0.34	None
All Sites	1	52	0.01	49.5	1.15	0.03	8.27	11
	2	52	0.01	8.34	0.03	0.01	1.28	None

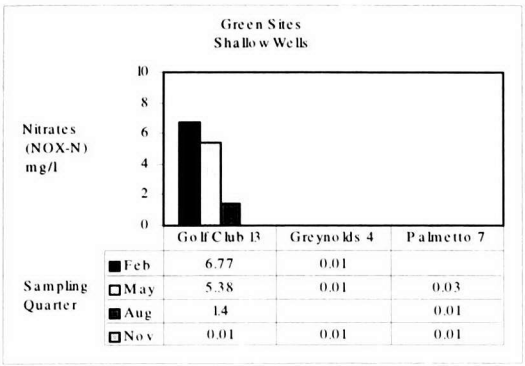
Figure 16: Nitrate concentration in groundwater at golf courses in Miami-Dade County

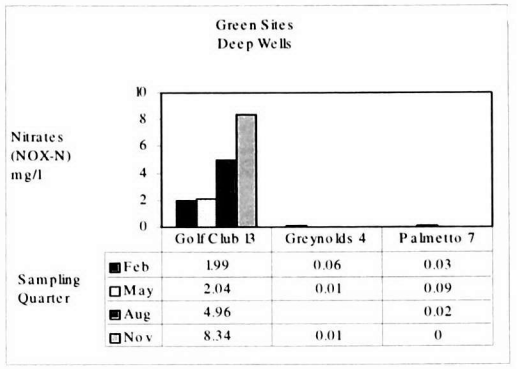


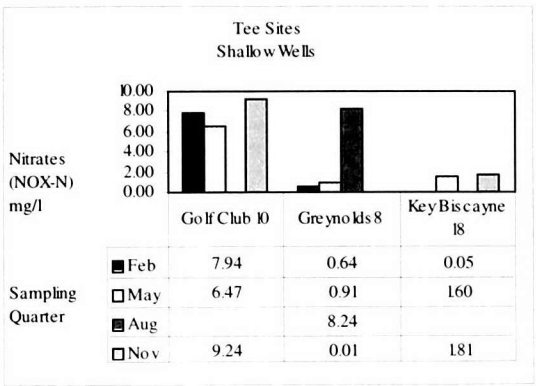


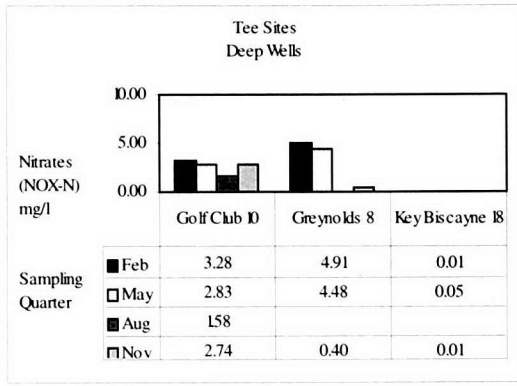












Nitrates and Phosphates in Ponds

Nutrients are a concern to the ecology of ponds since stormwater runoff from fertilized turf can cause eutrophication. There are no surface water standards for nitrates or phosphates for non-potable surface waters (Chapter 62-302, Florida Administrative Code). However, surface water with nitrate concentration < 0.3mg/l and phosphate <0.04mg/l is defined as having very low nutrient concentration and afforded protection from degredation under chapter 62-302.300 of the Florida Administrative Code. Except for samples obtained from the Golf Club of Miami during the fourth sampling quarter, surface water from golf course ponds is low in nutrients (Table 15).

Table 15: Nutrient Levels in Golf Course Ponds (data as mg/l)

	Sampling Quarter	Briar Bay	Golf Club	Key Biscayne	Palmetto
Nitrates	Second	0.07	0.17	0.07	0.06
	Third	<0.01	0.08	0.02	0.08
	Fourth	0.03	0.52	0.03	<0.01
Phosphates	Second	0.05	0.19	0.03	0.03
	Third	0.06	0.09	<0.02	<0.02
	Fourth	0.08	0.23	<0.02	<0.02

DISCUSSION

Summary

1. Arsenic

Golf course soils are impacted by arsenic agrichemicals used in routine turf management activities. Soil samples collected during the study were elevated above natural background concentrations for arsenic. Seventy-five percent of all soil samples exceeded the residential soil cleanup target level for arsenic and 62 percent exceeded the industrial soil cleanup target level. Highest arsenic concentrations were found in surficial and subsurface soils and decreased with depth. The study documented exceedences of the residential and industrial soil cleanup target levels down to the soil/water interface. The implication is that environmental conditions encountered at the study sites are conducive to vertical migration of arsenic through the soil column.

Shallow ground water at the study golf courses is contaminated with arsenic. Highest arsenic concentrations in shallow groundwater were found at mix/load sites while tee sites had the highest percentage of exceedences of the groundwater MCL for arsenic. Based on arsenic concentration in shallow groundwater, golf courses represent three statistically different populations, mix/load sites, tees and greens/fairways. While arsenic contamination at greens fairways and tees is assumed to be the result of routine pesticide application, contamination at mix/load sites is in part attributable to spills and discharges that result from inadequate mix/loading practices.

Although arsenic appears to leach into shallower groundwater at the soil/groundwater interface there is very limited vertical migration through the water column. Deep ground water is relatively

unimpacted by arsenic with concentrations being very similar to background arsenic concentration from the AWQM.

Thirty two percent of samples from shallow wells exceeded the current groundwater MCL of 50 ug/l, 76.6 percent would exceed a lowered MCL of 10ug/l. While there are no exceedences of the current MCL from the deep wells, 18 percent of the samples would exceed the MCL if lowered to 10ug/l.

Although the levels of arsenic in surface water from golf course ponds did not exceed the surface water standard, the concentrations encountered were typically at least an order of magnitude higher than levels found at surface water monitoring sites around Miami-Dade County. Although the sample size was very small and therefore limits the ability to draw conclusions, the implication is that golf course ponds appear to be impacted by runoff and /or drift from the application of arsenical agrichemicals used in routine turf management. There were not enough sediment samples to determine if sediments in golf course ponds were the 'sink' for arsenic.

The data from this study indicate that soil, shallow groundwater and to a lesser extent surface water from the study golf courses are impacted by arsenic. Arsenical agrichemicals used in routine turf management activities are implicated.

2. Pesticides

Generally, pesticides were detected in shallow groundwater and surface water in trace amounts. In some cases the source of these pesticides cannot be linked to golf course turf management activities.

3. Nutrients

As with arsenic the most significant impact with respect to nitrates in groundwater appears to result from mix/loading and associated activities. However, ground water under the play areas on the courses also shows nitrate concentrations that are elevated above background. The distribution of nitrates in ground water from the play areas appears to be consistent with routine turf management practices. Arsenic concentration in groundwater decreases from tees to greens to fairways. This coincides with relative fertilization rates.

Recommendations

Based on the data, the following recommendations are offered:

1. The study documents, the impact of arsenic to soils and groundwater at the golf courses studied. Further assessment is required to determine the aerial extent of the contamination especially with respect to the potential for offsite migration.

2. Arsenical pesticides and to a lesser extent fertilizer/soil amendments have been identified as potential contributors to arsenic contamination in the golf course environment. Specific best management practices are needed to minimize the impact of arsenic to the environment.

3. The data indicates that the current agrichemicals mixing and handling practices significantly contribute to soil and groundwater contamination. As indicated by the data from Palmetto Golf course, improved mix/loading and storage facilities can minimize the impacts associated with agricultural mix/loading and handling activities.

4. In order to fully characterize the sources of arsenic in the golf course environment, other potential sources such as fill material should be investigated.

5. Based on the distance of the potable wells from the golf courses, an effort should be made to locate and sample potable or irrigation wells closer to the golf courses in order to assess off site migration.

6. Data from the study should be compared with available data from other parts of the state to determine the actual magnitude of the problem and to identify potentially vulnerable areas.

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APPENDICES

APPENDIX 1: Parameters of interest for study

PESTICIDES

Chlorinated Pesticides	Analytical Method	MDL (ug/l)	**Organonitrogen-Phosphrous Pesticides**	Analytical Method	MDL (ug/l)
Aldrin	EPA 608	0.01	Alachlor	Modified EPA 614	0.29
Alpha-BHC	EPA 608	0.01	Ametryn	Modified EPA 614	0.049
Beta-BHC	EPA 608	0.02	Atrazine	Modified EPA 614	0.049
Delta-BHC	EPA 608	0.02	Azinphos Methyl	Modified EPA 614	0.19
Gamma-BHC	EPA 608	0.02	Bromacil	Modified EPA 614	0.29
Carbophenothion	EPA 608	0.03	Butylate	Modified EPA 614	0.097
Chlordane	EPA 608	0.1	Chlorpyrifos Ethyl	Modified EPA 614	0.097
Chlorothalonil	EPA 608	0.02	Chlorpyrifos Methyl	Modified EPA 614	0.097
DDD-p,p'	EPA 608	0.02	Diazinon	Modified EPA 614	0.097
DDE-p,p'	EPA 608	0.02	Ethion	Modified EPA 614	0.049
DDT-p,p'	EPA 608	0.02	Ethoprop	Modified EPA 614	0.097
Dicofol	EPA 608	0.02	Fenamiphos	Modified EPA 614	0.29
Dieldrin	EPA 608	0.02	Fonofos	Modified EPA 614	0.097
Endosulfan I	EPA 608	0.01	Malathion	Modified EPA 614	0.15
Endosulfan II	EPA 608	0.01	Metalaxyl	Modified EPA 614	0.58
Endosulfan Sulfate	EPA 608	0.02	Metolachlor	Modified EPA 614	0.49
Endrin	EPA 608	0.02	Metribuzin	Modified EPA 614	0.19
Endrin Aldehyde	EPA 608	0.02	Mevinphos	Modified EPA 614	0.24
Heptachlor	EPA 608	0.01	Naled	Modified EPA 614	0.78
Heptachlor Epoxide	EPA 608	0.01	Parathion Methyl	Modified EPA 614	0.097
Methoxychlor	EPA 608	0.05	Parathion Ethyl	Modified EPA 614	0.097
Mirex	EPA 608	0.02	Phorate	Modified EPA 614	0.097
Toxaphene	EPA 608	0.75	Prometryn	Modified EPA 614	0.097
Trifluralin/Benfluralin	EPA 608	0.02	Simazine	Modified EPA 614	0.49
Oxadiazon	EPA 608	0.4	Prodiamine	Modified EPA 614	0.24

METALS

Arsenic	EPA 602.2	2
	EPA 7060	0.2 mg/kg

FERTILIZER COMPONENTS

Nitrate/Nitrite Nitrogen	10
Total Phosphates	20

APPENDIX 2: GROUNDWATER DATA

Palmetto Golf Course

Shallow Wells (8-12 ft)

StationID	Date	Value	ParamID	Lab
PMF18	2/24/1997	709	Conductivity	Hydrolab
PMG7	2/24/1997	506	Conductivity	Hydrolab
PMML	2/24/1997	660	Conductivity	Hydrolab
PMF18	2/24/1997	0.2	Dissolved Oxygen	Hydrolab
PMG7	2/24/1997	0.44	Dissolved Oxygen	Hydrolab
PMML	2/24/1997	1.67	Oxygen	Hydrolab
PMF18	2/24/1997	7.02	pH	Hydrolab
PMG7	2/24/1997	7.39	pH	Hydrolab
PMML	2/24/1997	7.02	pH	Hydrolab
PMF18	2/24/1997	106	Redox	Hydrolab
PMG7	2/24/1997	126	Redox	Hydrolab
PMML	2/24/1997	4.73	Redox	Hydrolab
PMF18	2/24/1997	na	Salinity	Hydrolab
PMG7	2/24/1997	na	Salinity	Hydrolab
PMML	2/24/1997	na	Salinity	Hydrolab
PMF18	2/24/1997	25.32	Temp	Hydrolab
PMG7	2/24/1997	23.19	Temp	Hydrolab
PMML	2/24/1997	26.5	Temp	Hydrolab
PMF18	5/15/1997	702	Conductivity	Hydrolab
PMG7	5/15/1997	523	Conductivity	Hydrolab
PMML	5/19/1997	659	Conductivity	Hydrolab
PMF18	5/15/1997	na	Dissolved Oxygen	Hydrolab
PMG7	5/15/1997	na	Dissolved Oxygen	Hydrolab
PMML	5/19/1997	na	Oxygen	Hydrolab
PMF18	5/15/1997	6.91	pH	Hydrolab
PMG7	5/15/1997	7.16	pH	Hydrolab
PMML	5/19/1997	6.98	pH	Hydrolab
PMF18	5/15/1997	162	Redox	Hydrolab
PMG7	5/15/1997	9	Redox	Hydrolab
PMML	5/19/1997	458	Redox	Hydrolab
PMF18	5/15/1997	0.4	Salinity	Hydrolab
PMG7	5/15/1997	0.3	Salinity	Hydrolab
PMML	5/19/1997	0.3	Salinity	Hydrolab
PMF18	5/15/1997	25.72	Temp	Hydrolab
PMG7	5/15/1997	26.16	Temp	Hydrolab
PMML	5/19/1997	26.12	Temp	Hydrolab
PMF18	8/11/1997	742	Conductivity	Hydrolab

Deep Wells (22-28 ft)

StationID	Date	Value	ParamID	Lab
PMF18	2/24/1997	532	Conductivity	Hydrolab
PMG7	2/24/1997	529	Conductivity	Hydrolab
PMML	2/24/1997	541	Conductivity	Hydrolab
PMF18	2/24/1997	0.15	Dissolved Oxygen	Hydrolab
PMG7	2/24/1997	0.17	Dissolved Oxygen	Hydrolab
PMML	2/24/1997	0.18	Oxygen	Hydrolab
PMF18	2/24/1997	7.3	pH	Hydrolab
PMG7	2/24/1997	7.39	pH	Hydrolab
PMML	2/24/1997	7.32	pH	Hydrolab
PMF18	2/24/1997	102	Redox	Hydrolab
PMG7	2/24/1997	286	Redox	Hydrolab
PMML	2/24/1997	190	Redox	Hydrolab
PMF18	2/24/1997	na	Salinity	Hydrolab
PMG7	2/24/1997	na	Salinity	Hydrolab
PMML	2/24/1997	na	Salinity	Hydrolab
PMF18	2/24/1997	25.9	Temp	Hydrolab
PMG7	2/24/1997	24.97	Temp	Hydrolab
PMML	2/24/1997	26.56	Temp	Hydrolab
PMF18	5/15/1997	410	Conductivity	Hydrolab
PMG7	5/15/1997	470	Conductivity	Hydrolab
PMML	5/15/1997	314	Conductivity	Hydrolab
PMF18	5/15/1997	**1.18***	Dissolved Oxygen	Hydrolab
PMG7	5/15/1997	**1.03***	Dissolved Oxygen	Hydrolab
PMML	5/15/1997	**1.07***	Oxygen	Hydrolab
PMF18	5/15/1997	8.48	pH	Hydrolab
PMG7	5/15/1997	7.72	pH	Hydrolab
PMML	5/15/1997	8.67	pH	Hydrolab
PMF18	5/15/1997	75	Redox	Hydrolab
PMG7	5/15/1997	73	Redox	Hydrolab
PMML	5/15/1997	65	Redox	Hydrolab
PMF18	5/15/1997	0.2	Salinity	Hydrolab
PMG7	5/15/1997	0.2	Salinity	Hydrolab
PMML	5/15/1997	0.2	Salinity	Hydrolab
PMF18	5/15/1997	25.4	Temp	Hydrolab
PMG7	5/15/1997	25.16	Temp	Hydrolab
PMML	5/15/1997	28.06	Temp	Hydrolab
PMF18	8/11/1997	360	Conductivity	Hydrolab

StationID	Date	Value	ParamID	Lab
PMG7	8/11/1997	751	Conductivity	Hydrolab
PMML	8/11/1997	715	Conductivity	Hydrolab
PMF18	8/11/1997	na	Dissolved Oxygen	Hydrolab
PMG7	8/11/1997	na	Dissolved Oxygen	Hydrolab
PMML	8/11/1997	na	Oxygen	Hydrolab
PMF18	8/11/1997	7.02	pH	Hydrolab
PMG7	8/11/1997	7.16	pH	Hydrolab
PMML	8/11/1997	7.16	pH	Hydrolab
PMF18	8/11/1997	-49	Redox	Hydrolab
PMG7	8/11/1997	-181	Redox	Hydrolab
PMML	8/11/1997	3	Redox	Hydrolab
PMF18	8/11/1997	0.4	Salinity	Hydrolab
PMG7	8/11/1997	0.4	Salinity	Hydrolab
PMML	8/11/1997	0.4	Salinity	Hydrolab
PMF18	8/11/1997	30.45	Temperature	Hydrolab
PMG7	8/11/1997	30.22	Temperature	Hydrolab
PMML	8/11/1997	21.71	Temperature	Hydrolab
PMF18	11/19/1997	691	Conductivity	Hydrolab
PMG7	11/19/1997	593	Conductivity	Hydrolab
PMML	11/19/1997	714	Conductivity	Hydrolab
PMF18	11/19/1997	0.27	Dissolved Oxygen	Hydrolab
PMG7	11/19/1997	0.32	Dissolved Oxygen	Hydrolab
PMML	11/19/1997	1.26	Oxygen	Hydrolab
PMF18	11/19/1997	6.85	pH	Hydrolab
PMG7	11/19/1997	7.03	pH	Hydrolab
PMML	11/19/1997	6.96	pH	Hydrolab
PMF18	11/19/1997	-25	Redox	Hydrolab
PMG7	11/19/1997	-53	Redox	Hydrolab
PMML	11/19/1997	178	Redox	Hydrolab
PMF18	11/19/1997	0.4	Salinity	Hydrolab
PMG7	11/19/1997	0.3	Salinity	Hydrolab
PMML	11/19/1997	0.4	Salinity	Hydrolab
PMF18	11/19/1997	26.75	Temperature	Hydrolab
PMG7	11/19/1997	27.2	Temperature	Hydrolab
PMML	11/19/1997	27.44	Temperature	Hydrolab
PMF18	2/24/1997	0.05	NOX-N	DERM
PMG7	2/24/1997	na	NOX-N	DERM
PMML	2/24/1997	4.13	NOX-N	DERM
PMG7	5/15/1997	0.03(I)	NOX-N	PBS&J
PMF18	5/15/1997	0.03	NOX-N	PBS&J
PMML	5/19/1997	2.63	NOX-N	PBS&J
PMML	8/11/1997	6.3	NOX-N	PBS&J

StationID	Date	Value	ParamID	Lab
PMG7	8/11/1997	506	Conductivity	Hydrolab
PMML	8/11/1997	395	Conductivity	Hydrolab
PMF18	8/11/1997	na	Dissolved Oxygen	Hydrolab
PMG7	8/11/1997	na	Dissolved Oxygen	Hydrolab
PMML	8/11/1997	na	Oxygen	Hydrolab
PMF18	8/11/1997	9.18	pH	Hydrolab
PMG7	8/11/1997	7.36	pH	Hydrolab
PMML	8/11/1997	8.41	pH	Hydrolab
PMF18	8/11/1997	-275	Redox	Hydrolab
PMG7	8/11/1997	-65	Redox	Hydrolab
PMML	8/11/1997	-173	Redox	Hydrolab
PMF18	8/11/1997	0.2	Salinity	Hydrolab
PMG7	8/11/1997	0.2	Salinity	Hydrolab
PMML	8/11/1997	0.2	Salinity	Hydrolab
PMF18	8/11/1997	29.45	Temperature	Hydrolab
PMG7	8/11/1997	30.22	Temperature	Hydrolab
PMML	8/11/1997	27.75	Temperature	Hydrolab
PMF18	11/19/1997	344	Conductivity	Hydrolab
PMG7	11/19/1997	487	Conductivity	Hydrolab
PMML	11/19/1997	471	Conductivity	Hydrolab
PMF18	11/19/1997	0.3	Dissolved Oxygen	Hydrolab
PMG7	11/19/1997	0.28	Dissolved Oxygen	Hydrolab
PMML	11/19/1997	0.29	Oxygen	Hydrolab
PMF18	11/19/1997	9.17	pH	Hydrolab
PMG7	11/19/1997	7.23	pH	Hydrolab
PMML	11/19/1997	8.74	pH	Hydrolab
PMF18	11/19/1997	-95	Redox	Hydrolab
PMG7	11/19/1997	81	Redox	Hydrolab
PMML	11/19/1997	-64	Redox	Hydrolab
PMF18	11/19/1997	0.2	Salinity	Hydrolab
PMG7	11/19/1997	0.2	Salinity	Hydrolab
PMML	11/19/1997	0.2	Salinity	Hydrolab
PMF18	11/19/1997	27.13	Temperature	Hydrolab
PMG7	11/19/1997	27.27	Temperature	Hydrolab
PMML	11/19/1997	26.02	Temperature	Hydrolab
PMF18	2/24/1997	0.01	NOX-N	DERM
PMG7	2/24/1997	0.03	NOX-N	DERM
PMML	2/24/1997	0.01(U)	NOX-N	DERM
PMG7	5/15/1997	0.19	NOX-N	PBS&J
PMF18	5/15/1997	0.04(I)	NOX-N	PBS&J
PMML	5/15/1997	0.03(I)	NOX-N	PBS&J
PMF18	8/11/1997	0.02(I)	NOX-N	PBS&J

StationID	Date	Value (mg/l)	ParamID	Lab	StationID	Date	Value (mg/l)	ParamID	Lab
PMF18	8/11/1997	0.01(U)	NOX-N	PBS&J	PMG7	8/11/1997	0.02(I)	NOX-N	PBS&J
PMG7	8/11/1997	0.01(U)	NOX-N	PBS&J	PMML	8/11/1997	LS	NOX-N	PBS&J
PMF18	11/19/1997	0.01(U)	NOX-N	PBS&J	PMF18	11/19/1997	0.01(U)	NOX-N	PBS&J
PMG7	11/19/1997	0.01(U)	NOX-N	PBS&J	PMG7	11/19/1997	0.02(I)	NOX-N	PBS&J
PMML	11/19/1997	11.3	NOX-N	PBS&J	PMML	11/19/1997	0.01(U)	NOX-N	PBS&J
PMF18	2/24/1997	0.047	TPO4	DERM	PMF18	2/24/1997	0.09	TPO4	DERM
PMG7	2/24/1997	na	TPO4	DERM	PMG7	2/24/1997	0.009	TPO4	DERM
PMML	2/24/1997	0.338	TPO4	DERM	PMML	2/24/1997	0.01	TPO4	DERM
PMF18	5/15/1997	0.05(I)	TPO4	PBS&J	PMF18	5/15/1997	0.04(I)	TPO4	PBS&J
PMG7	5/15/1997	0.04(I)	TPO4	PBS&J	PMG7	5/15/1997	0.02(U)	TPO4	PBS&J
PMML	5/19/1997	0.03(I)	TPO4	PBS&J	PMML	5/15/1997	0.03	TPO4	PBS&J
PMF18	8/11/1997	0.04(I)	TPO4	PBS&J	PMF18	8/11/1997	0.02(U)	TPO4	PBS&J
PMG7	8/11/1997	0.04(I)	TPO4	PBS&J	PMG7	8/11/1997	0.03	TPO4	PBS&J
PMML	8/11/1997	0.03(I)	TPO4	PBS&J	PMML	8/11/1997	LS	TPO4	PBS&J
PMF18	11/19/1997	0.13	TPO4	PBS&J	PMF18	11/19/1997	0.02(U)	TPO4	PBS&J
PMG7	11/19/1997	0.02(U)	TPO4	PBS&J	PMG7	11/19/1997	0.02(U)	TPO4	PBS&J
PMML	11/19/1997	0.03(I)	TPO4	PBS&J	PMML	11/19/1997	0.02(U)	TPO4	PBS&J
PMF18	2/24/1997	34.3	56	Arsenic	PMF18	2/24/1997	2(U)	5	Arsenic
PMF18	5/15/1997	24.7	29.4	Arsenic	PMF18	5/15/1997	2.8	3(I)	Arsenic
PMF18	8/11/1997	29.1	27(A)	Arsenic	PMF18	8/11/1997	6	6	Arsenic
PMF18	11/19/1997	42.1	34.4(J)	Arsenic	PMF18	11/19/1997	2(U)	5(I)	Arsenic
PMG7	2/24/1997	7	25	Arsenic	PMG7	2/24/1997	2(U)	2(I)	Arsenic
PMG7	5/15/1997	7.1	9	Arsenic	PMG7	5/15/1997	2(U)	2(U)	Arsenic
PMG7	8/11/1997	11.1	12	Arsenic	PMG7	8/11/1997	2(U)	2(I)	Arsenic
PMG7	11/19/1997	7.1	6.5(J)	Arsenic	PMG7	11/19/1997	2(U)	2(U)	Arsenic
PMML	2/24/1997	2(U)	2(I)	Arsenic	PMML	2/24/1997	2(U)	2(U)	Arsenic
PMML	5/15/1997	3.9	2(U)	Arsenic	PMML	5/15/1997	2(U)	2(U)	Arsenic
PMML	8/11/1997	7.3	3(I)	Arsenic	PMML	8/11/1997	2(U)	2(U)	Arsenic
PMML	11/19/1997	2(U)	2(U)	Arsenic	PMML	11/19/1997	2(U)	2(U)	Arsenic
PMF18	2/24/1997	U	0.29	Alachlor	PMF18	2/24/1997	U	0.29	Alachlor
PMF18	2/24/1997	U	0.049	Ametryn	PMF18	2/24/1997	U	0.048	Ametryn
PMF18	2/24/1997	U	0.049	Atrazine	PMF18	2/24/1997	T	0.018	Atrazine
PMF18	2/24/1997	U	0.19	Azinphos Methyl	PMF18	2/24/1997	U	0.19	Azinphos Methyl
PMF18	2/24/1997	U	0.29	Bromacil	PMF18	2/24/1997	U	0.29	Bromacil
PMF18	2/24/1997	U	0.097	Butylate	PMF18	2/24/1997	U	0.095	Butylate
PMF18	2/24/1997	U	0.097	Chlorpyrifos Ethyl	PMF18	2/24/1997	U	0.095	Chlorpyrifos Ethyl
PMF18	2/24/1997	U	0.097	Chlorpyrifos Methyl	PMF18	2/24/1997	U	0.095	Chlorpyrifos Methyl
PMF18	2/24/1997	U	0.097	Diazinon	PMF18	2/24/1997	U	0.095	Diazinon
PMF18	2/24/1997	U	0.049	Ethion	PMF18	2/24/1997	U	0.048	Ethion
PMF18	2/24/1997	U	0.097	Ethoprop	PMF18	2/24/1997	U	0.095	Ethoprop
PMF18	2/24/1997	U	0.29	Fenamiphos	PMF18	2/24/1997	U	0.29	Fenamiphos
PMF18	2/24/1997	U	0.097	Fonofos	PMF18	2/24/1997	U	0.095	Fonofos
PMF18	2/24/1997	U	0.15	Malathion	PMF18	2/24/1997	U	0.14	Malathion
PMF18	2/24/1997	U	0.58	Metalaxyl	PMF18	2/24/1997	U	0.57	Metalaxyl
PMF18	2/24/1997	U	0.49	Metolachlor	PMF18	2/24/1997	U	0.48	Metolachlor
PMF18	2/24/1997	U	0.19	Metribuzin	PMF18	2/24/1997	U	0.19	Metribuzin

Station ID	Date	LabCode	Value ug/l	Parameter	Station ID	Date	LabCode	Value ug/l	Parameter
PMF18	2/24/1997	U	0.24	Mevinphos	PMF18	2/24/1997	U	0.24	Mevinphos
PMF18	2/24/1997	U	0.78	Naled	PMF18	2/24/1997	U	0.76	Naled
PMF18	2/24/1997	U	0.097	Parathion Methyl	PMF18	2/24/1997	U	0.095	Parathion Methyl
PMF18	2/24/1997	U	0.097	Parathion Ethyl	PMF18	2/24/1997	U	0.095	Parathion Ethyl
PMF18	2/24/1997	U	0.097	Phorate	PMF18	2/24/1997	U	0.095	Phorate
PMF18	2/24/1997	U	0.097	Prometryn	PMF18	2/24/1997	U	0.095	Prometryn
PMF18	2/24/1997	U	0.49	Simazine	PMF18	2/24/1997	U	0.048	Simazine
PMF18	2/24/1997	U	0.24	Prodiamine	PMF18	2/24/1997	U	0.24	Prodiamine
PMG7	2/24/1997	U	0.29	Alachlor	PMG7	2/24/1997	U	0.29	Alachlor
PMG7	2/24/1997	U	0.049	Ametryn	PMG7	2/24/1997	U	0.049	Ametryn
PMG7	2/24/1997	U	0.049	Atrazine	PMG7	2/24/1997	T	0.014	Atrazine
PMG7	2/24/1997	U	0.19	Azinphos Methyl	PMG7	2/24/1997	U	0.2	Azinphos Methyl
PMG7	2/24/1997	U	0.29	Bromacil	PMG7	2/24/1997	U	0.29	Bromacil
PMG7	2/24/1997	U	0.097	Butylate	PMG7	2/24/1997	U	0.098	Butylate
PMG7	2/24/1997	U	0.097	Chlorpyrifos Ethyl	PMG7	2/24/1997	U	0.098	Chlorpyrifos Ethyl
PMG7	2/24/1997	U	0.097	Chlorpyrifos Methyl	PMG7	2/24/1997	U	0.098	Chlorpyrifos Methyl
PMG7	2/24/1997	U	0.097	Diazinon	PMG7	2/24/1997	U	0.098	Diazinon
PMG7	2/24/1997	U	0.049	Ethion	PMG7	2/24/1997	U	0.049	Ethion
PMG7	2/24/1997	U	0.097	Ethoprop	PMG7	2/24/1997	U	0.098	Ethoprop
PMG7	2/24/1997	U	0.29	Fenamiphos	PMG7	2/24/1997	U	0.29	Fenamiphos
PMG7	2/24/1997	U	0.097	Fonofos	PMG7	2/24/1997	U	0.098	Fonofos
PMG7	2/24/1997	U	0.15	Malathion	PMG7	2/24/1997	U	0.15	Malathion
PMG7	2/24/1997	U	0.58	Metalaxyl	PMG7	2/24/1997	U	0.59	Metalaxyl
PMG7	2/24/1997	U	0.49	Metolachlor	PMG7	2/24/1997	U	0.49	Metolachlor
PMG7	2/24/1997	U	0.19	Metribuzin	PMG7	2/24/1997	U	0.2	Metribuzin
PMG7	2/24/1997	U	0.24	Mevinphos	PMG7	2/24/1997	U	0.25	Mevinphos
PMG7	2/24/1997	U	0.78	Naled	PMG7	2/24/1997	U	0.78	Naled
PMG7	2/24/1997	U	0.097	Parathion Methyl	PMG7	2/24/1997	U	0.098	Parathion Methyl
PMG7	2/24/1997	U	0.097	Parathion Ethyl	PMG7	2/24/1997	U	0.098	Parathion Ethyl
PMG7	2/24/1997	U	0.097	Phorate	PMG7	2/24/1997	U	0.098	Phorate
PMG7	2/24/1997	U	0.097	Prometryn	PMG7	2/24/1997	U	0.098	Prometryn
PMG7	2/24/1997	U	0.049	Simazine	PMG7	2/24/1997	U	0.049	Simazine
PMG7	2/24/1997	U	0.24	Prodiamine	PMG7	2/24/1997	U	0.25	Prodiamine
PMML	2/24/1997	U	0.29	Alachlor	PMML	2/24/1997	U	0.29	Alachlor
PMML	2/24/1997	U	0.048	Ametryn	PMML	2/24/1997	U	0.048	Ametryn
PMML	2/24/1997	U	0.048	Atrazine	PMML	2/24/1997	T	0.015	Atrazine
PMML	2/24/1997	U	0.19	Azinphos Methyl	PMML	2/24/1997	U	0.19	Azinphos Methyl
PMML	2/24/1997	U	0.29	Bromacil	PMML	2/24/1997	U	0.29	Bromacil
PMML	2/24/1997	U	0.095	Butylate	PMML	2/24/1997	U	0.095	Butylate
PMML	2/24/1997	U	0.095	Chlorpyrifos Ethyl	PMML	2/24/1997	U	0.095	Chlorpyrifos Ethyl
PMML	2/24/1997	U	0.095	Chlorpyrifos Methyl	PMML	2/24/1997	U	0.095	Chlorpyrifos Methyl
PMML	2/24/1997	U	0.095	Diazinon	PMML	2/24/1997	U	0.095	Diazinon
PMML	2/24/1997	U	0.048	Ethion	PMML	2/24/1997	U	0.048	Ethion

Station ID	Date	LabCode	Value ug/l	Parameter	Station ID	Date	LabCode	Value ug/l	Parameter
PMML	2/24/1997	U	0.095	Ethoprop	PMML	2/24/1997	U	0.095	Ethoprop
PMML	2/24/1997	U	0.29	Fenamiphos	PMML	2/24/1997	U	0.29	Fenamiphos
PMML	2/24/1997	U	0.095	Fonofos	PMML	2/24/1997	U	0.095	Fonofos
PMML	2/24/1997	U	0.14	Malathion	PMML	2/24/1997	U	0.14	Malathion
PMML	2/24/1997	U	0.57	Metalaxyl	PMML	2/24/1997	U	0.57	Metalaxyl
PMML	2/24/1997	U	0.48	Metolachlor	PMML	2/24/1997	U	0.48	Metolachlor
PMML	2/24/1997	U	0.19	Metribuzin	PMML	2/24/1997	U	0.19	Metribuzin
PMML	2/24/1997	U	0.24	Mevinphos	PMML	2/24/1997	U	0.24	Mevinphos
PMML	2/24/1997	U	0.76	Naled	PMML	2/24/1997	U	0.76	Naled
PMML	2/24/1997	U	0.095	Parathion Methyl	PMML	2/24/1997	U	0.095	Parathion Methyl
PMML	2/24/1997	U	0.095	Parathion Ethyl	PMML	2/24/1997	U	0.095	Parathion Ethyl
PMML	2/24/1997	U	0.095	Phorate	PMML	2/24/1997	U	0.095	Phorate
PMML	2/24/1997	U	0.095	Prometryn	PMML	2/24/1997	U	0.095	Prometryn
PMML	2/24/1997	U	0.048	Simazine	PMML	2/24/1997	U	0.048	Simazine
PMML	2/24/1997	U	0.24	Prodiamine	PMML	2/24/1997	U	0.24	Prodiamine
PMF18	5/15/1997	U	0.29	Alachlor	PMF18	5/15/1997	U	0.29	Alachlor
PMF18	5/15/1997	U	0.048	Ametryn	PMF18	5/15/1997	U	0.048	Ametryn
PMF18	5/15/1997	U	0.048	Atrazine	PMF18	5/15/1997	T	0.028	Atrazine
PMF18	5/15/1997	U	0.19	Azinphos Methyl	PMF18	5/15/1997	U	0.19	Azinphos Methyl
PMF18	5/15/1997	U	0.29	Bromacil	PMF18	5/15/1997	U	0.29	Bromacil
PMF18	5/15/1997	U	0.095	Butylate	PMF18	5/15/1997	U	0.096	Butylate
PMF18	5/15/1997	U	0.095	Chlorpyrifos Ethyl	PMF18	5/15/1997	U	0.096	Chlorpyrifos Ethyl
PMF18	5/15/1997	U	0.095	Chlorpyrifos Methyl	PMF18	5/15/1997	U	0.096	Chlorpyrifos Methyl
PMF18	5/15/1997	U	0.095	Diazinon	PMF18	5/15/1997	U	0.096	Diazinon
PMF18	5/15/1997	U	0.048	Ethion	PMF18	5/15/1997	U	0.048	Ethion
PMF18	5/15/1997	U	0.095	Ethoprop	PMF18	5/15/1997	U	0.096	Ethoprop
PMF18	5/15/1997	U	0.29	Fenamiphos	PMF18	5/15/1997	U	0.29	Fenamiphos
PMF18	5/15/1997	U	0.095	Fonofos	PMF18	5/15/1997	U	0.096	Fonofos
PMF18	5/15/1997	U	0.14	Malathion	PMF18	5/15/1997	U	0.14	Malathion
PMF18	5/15/1997	U	0.57	Metalaxyl	PMF18	5/15/1997	U	0.58	Metalaxyl
PMF18	5/15/1997	U	0.48	Metolachlor	PMF18	5/15/1997	U	0.48	Metolachlor
PMF18	5/15/1997	U	0.19	Metribuzin	PMF18	5/15/1997	U	0.19	Metribuzin
PMF18	5/15/1997	U	0.24	Mevinphos	PMF18	5/15/1997	U	0.24	Mevinphos
PMF18	5/15/1997	U	0.76	Naled	PMF18	5/15/1997	U	0.77	Naled
PMF18	5/15/1997	U	0.095	Parathion Methyl	PMF18	5/15/1997	U	0.096	Parathion Methyl
PMF18	5/15/1997	U	0.095	Parathion Ethyl	PMF18	5/15/1997	U	0.096	Parathion Ethyl
PMF18	5/15/1997	U	0.095	Phorate	PMF18	5/15/1997	U	0.096	Phorate
PMF18	5/15/1997	U	0.095	Prometryn	PMF18	5/15/1997	U	0.096	Prometryn
PMF18	5/15/1997	U	0.048	Simazine	PMF18	5/15/1997	U	0.048	Simazine
PMF18	5/15/1997	U	0.29	Prodiamine	PMF18	5/15/1997	U	0.29	Prodiamine
PMG7	5/15/1997	U	0.28	Alachlor	PMG7	5/15/1997	U	0.28	Alachlor
PMG7	5/15/1997	U	0.047	Ametryn	PMG7	5/15/1997	U	0.046	Ametryn
PMG7	5/15/1997	U	0.047	Atrazine	PMG7	5/15/1997	U	0.028	Atrazine
PMG7	5/15/1997	U	0.19	Azinphos Methyl	PMG7	5/15/1997	U	0.18	Azinphos Methyl

Station ID	Date	LabCode	Value ug/l	Parameter	Station ID	Date	LabCode	Value ug/l	Parameter
PMG7	5/15/1997	U	0.28	Bromacil	PMG7	5/15/1997	U	0.28	Bromacil
PMG7	5/15/1997	U	0.093	Butylate	PMG7	5/15/1997	U	0.092	Butylate
PMG7	5/15/1997	U	0.093	Chlorpyrifos Ethyl	PMG7	5/15/1997	U	0.092	Chlorpyrifos Ethyl
PMG7	5/15/1997	U	0.093	Chlorpyrifos Methyl	PMG7	5/15/1997	U	0.092	Chlorpyrifos Methyl
PMG7	5/15/1997	U	0.093	Diazinon	PMG7	5/15/1997	U	0.092	Diazinon
PMG7	5/15/1997	U	0.047	Ethion	PMG7	5/15/1997	U	0.046	Ethion
PMG7	5/15/1997	U	0.093	Ethoprop	PMG7	5/15/1997	U	0.092	Ethoprop
PMG7	5/15/1997	U	0.28	Fenamiphos	PMG7	5/15/1997	U	0.28	Fenamiphos
PMG7	5/15/1997	U	0.093	Fonofos	PMG7	5/15/1997	U	0.092	Fonofos
PMG7	5/15/1997	U	0.14	Malathion	PMG7	5/15/1997	U	0.14	Malathion
PMG7	5/15/1997	U	0.56	Metalaxyl	PMG7	5/15/1997	U	0.55	Metalaxyl
PMG7	5/15/1997	U	0.47	Metolachlor	PMG7	5/15/1997	U	0.46	Metolachlor
PMG7	5/15/1997	U	0.19	Metribuzin	PMG7	5/15/1997	U	0.18	Metribuzin
PMG7	5/15/1997	U	0.23	Mevinphos	PMG7	5/15/1997	U	0.23	Mevinphos
PMG7	5/15/1997	U	0.75	Naled	PMG7	5/15/1997	U	0.73	Naled
PMG7	5/15/1997	U	0.093	Parathion Methyl	PMG7	5/15/1997	U	0.092	Parathion Methyl
PMG7	5/15/1997	U	0.093	Parathion Ethyl	PMG7	5/15/1997	U	0.092	Parathion Ethyl
PMG7	5/15/1997	U	0.093	Phorate	PMG7	5/15/1997	U	0.092	Phorate
PMG7	5/15/1997	U	0.093	Prometryn	PMG7	5/15/1997	U	0.092	Prometryn
PMG7	5/15/1997	U	0.047	Simazine	PMG7	5/15/1997	U	0.046	Simazine
PMG7	5/15/1997	U	0.28	Prodiamine	PMG7	5/15/1997	U	0.028	Prodiamine
PMML	5/19/1997	U	0.29	Alachlor	PMML	5/14/1997	U	0.28	Alachlor
PMML	5/19/1997	U	0.048	Ametryn	PMML	5/14/1997	U	0.047	Ametryn
PMML	5/19/1997	U	0.048	Atrazine	PMML	5/14/1997	T	0.015	Atrazine
PMML	5/19/1997	U	0.19	Azinphos Methyl	PMML	5/14/1997	U	0.19	Azinphos Methyl
PMML	5/19/1997	U	0.29	Bromacil	PMML	5/14/1997	U	0.28	Bromacil
PMML	5/19/1997	U	0.095	Butylate	PMML	5/14/1997	U	0.093	Butylate
PMML	5/19/1997	U	0.095	Diazinon	PMML	5/14/1997	U	0.093	Diazinon
PMML	5/19/1997	U	0.048	Ethion	PMML	5/14/1997	U	0.047	Ethion
PMML	5/19/1997	U	0.095	Ethoprop	PMML	5/14/1997	U	0.093	Ethoprop
PMML	5/19/1997	U	0.29	Fenamiphos	PMML	5/14/1997	U	0.28	Fenamiphos
PMML	5/19/1997	U	0.095	Fonofos	PMML	5/14/1997	U	0.093	Fonofos
PMML	5/19/1997	U	0.14	Malathion	PMML	5/14/1997	U	0.14	Malathion
PMML	5/19/1997	U	0.095	Chlorpyrifos Ethyl	PMML	5/14/1997	U	0.093	Chlorpyrifos Ethyl
PMML	5/19/1997	U	0.095	Chlorpyrifos Methyl	PMML	5/14/1997	U	0.093	Chlorpyrifos Methyl
PMML	5/19/1997	U	0.57	Metalaxyl	PMML	5/14/1997	U	0.56	Metalaxyl
PMML	5/19/1997	U	0.48	Metolachlor	PMML	5/14/1997	U	0.47	Metolachlor
PMML	5/19/1997	U	0.19	Metribuzin	PMML	5/14/1997	U	0.19	Metribuzin
PMML	5/19/1997	U	0.24	Mevinphos	PMML	5/14/1997	U	0.23	Mevinphos
PMML	5/19/1997	U	0.76	Naled	PMML	5/14/1997	U	0.75	Naled
PMML	5/19/1997	U	0.095	Parathion Methyl	PMML	5/14/1997	U	0.093	Parathion Methyl
PMML	5/19/1997	U	0.095	Parathion Ethyl	PMML	5/14/1997	U	0.093	Parathion Ethyl
PMML	5/19/1997	U	0.095	Phorate	PMML	5/14/1997	U	0.093	Phorate

Station ID	Date	LabCode	Value ug/l	Parameter	Station ID	Date	LabCode	Value ug/l	Parameter
PMML	5/19/1997	U	0.095	Prometryn	PMML	5/14/1997	U	0.093	Prometryn
PMML	5/19/1997	U	0.048	Simazine	PMML	5/14/1997	U	0.047	Simazine
PMML	5/19/1997	U	0.29	Prodiamine	PMML	5/14/1997	U	0.28	Prodiamine
PMF18	8/12/1997	U	0.29	Alachlor	PMF18	8/11/1997	U	0.3	Alachlor
PMF18	8/12/1997	U	0.048	Ametryn	PMF18	8/11/1997	U	0.051	Ametryn
PMF18	8/12/1997	U	0.048	Atrazine	PMF18	8/11/1997	U	0.051	Atrazine
PMF18	8/12/1997	U	0.19	Azinphos Methyl	PMF18	8/11/1997	U	0.2	Azinphos Methyl
PMF18	8/12/1997	U	0.29	Bromacil	PMF18	8/11/1997	U	0.3	Bromacil
PMF18	8/12/1997	U	0.095	Butylate	PMF18	8/11/1997	U	0.1	Butylate
PMF18	8/12/1997	U	0.095	Chlorpyrifos Ethyl	PMF18	8/11/1997	U	0.1	Chlorpyrifos Ethyl
PMF18	8/12/1997	U	0.095	Chlorpyrifos Methyl	PMF18	8/11/1997	U	0.1	Chlorpyrifos Methyl
PMF18	8/12/1997	U	0.095	Diazinon	PMF18	8/11/1997	U	0.1	Diazinon
PMF18	8/12/1997	U	0.048	Ethion	PMF18	8/11/1997	U	0.051	Ethion
PMF18	8/12/1997	U	0.095	Ethoprop	PMF18	8/11/1997	U	0.1	Ethoprop
PMF18	8/12/1997	U	0.29	Fenamiphos	PMF18	8/11/1997	U	0.3	Fenamiphos
PMF18	8/12/1997	U	0.095	Fonofos	PMF18	8/11/1997	U	0.1	Fonofos
PMF18	8/12/1997	U	0.14	Malathion	PMF18	8/11/1997	U	0.15	Malathion
PMF18	8/12/1997	U	0.57	Metalaxyl	PMF18	8/11/1997	U	0.61	Metalaxyl
PMF18	8/12/1997	U	0.48	Metolachlor	PMF18	8/11/1997	U	0.51	Metolachlor
PMF18	8/12/1997	U	0.19	Metribuzin	PMF18	8/11/1997	U	0.2	Metribuzin
PMF18	8/12/1997	U	0.24	Mevinphos	PMF18	8/11/1997	U	0.25	Mevinphos
PMF18	8/12/1997	U	0.76	Naled	PMF18	8/11/1997	U	0.81	Naled
PMF18	8/12/1997	U	0.095	Parathion Methyl	PMF18	8/11/1997	U	0.1	Parathion Methyl
PMF18	8/12/1997	U	0.095	Parathion Ethyl	PMF18	8/11/1997	U	0.1	Parathion Ethyl
PMF18	8/12/1997	U	0.095	Phorate	PMF18	8/11/1997	U	0.1	Phorate
PMF18	8/12/1997	U	0.29	Prodiamine	PMF18	8/11/1997	U	0.3	Prodiamine
PMG7	8/11/1997	U	0.048	Atrazine	PMG7	8/11/1997	U	0.048	Atrazine
PMG7	8/11/1997	U	0.19	Azinphos Methyl	PMG7	8/11/1997	U	0.19	Azinphos Methyl
PMG7	8/11/1997	U	0.29	Bromacil	PMG7	8/11/1997	U	0.29	Bromacil
PMG7	8/11/1997	U	0.095	Butylate	PMG7	8/11/1997	U	0.096	Butylate
PMG7	8/11/1997	U	0.095	Chlorpyrifos Ethyl	PMG7	8/11/1997	U	0.096	Chlorpyrifos Ethyl
PMG7	8/11/1997	U	0.095	Chlorpyrifos Methyl	PMG7	8/11/1997	U	0.096	Chlorpyrifos Methyl
PMG7	8/11/1997	U	0.095	Diazinon	PMG7	8/11/1997	U	0.096	Diazinon
PMG7	8/11/1997	U	0.048	Ethion	PMG7	8/11/1997	U	0.048	Ethion
PMF18	8/12/1997	U	0.095	Prometryn	PMF18	8/11/1997	U	0.1	Prometryn
PMF18	8/12/1997	U	0.048	Simazine	PMF18	8/11/1997	U	0.051	Simazine
PMG7	8/11/1997	U	0.29	Alachlor	PMG7	8/11/1997	U	0.29	Alachlor
PMG7	8/11/1997	U	0.048	Ametryn	PMG7	8/11/1997	U	0.048	Ametryn
PMG7	8/11/1997	U	0.095	Ethoprop	PMG7	8/11/1997	U	0.096	Ethoprop
PMG7	8/11/1997	U	0.29	Fenamiphos	PMG7	8/11/1997	U	0.29	Fenamiphos
PMG7	8/11/1997	U	0.095	Fonofos	PMG7	8/11/1997	U	0.096	Fonofos
PMG7	8/11/1997	U	0.14	Malathion	PMG7	8/11/1997	U	0.14	Malathion
PMG7	8/11/1997	U	0.57	Metalaxyl	PMG7	8/11/1997	U	0.58	Metalaxyl
PMG7	8/11/1997	U	0.48	Metolachlor	PMG7	8/11/1997	U	0.48	Metolachlor

Station ID	Date	LabCode	Value ug/l	Parameter	Station ID	Date	LabCode	Value ug/l	Parameter
PMG7	8/11/1997	U	0.19	Metribuzin	PMG7	8/11/1997	U	0.19	Metribuzin
PMG7	8/11/1997	U	0.24	Mevinphos	PMG7	8/11/1997	U	0.24	Mevinphos
PMG7	8/11/1997	U	0.76	Naled	PMG7	8/11/1997	U	0.77	Naled
PMG7	8/11/1997	U	0.095	Parathion Methyl	PMG7	8/11/1997	U	0.096	Parathion Methyl
PMG7	8/11/1997	U	0.095	Parathion Ethyl	PMG7	8/11/1997	U	0.096	Parathion Ethyl
PMG7	8/11/1997	U	0.095	Phorate	PMG7	8/11/1997	U	0.096	Phorate
PMG7	8/11/1997	U	0.29	Prodiamine	PMG7	8/11/1997	U	0.29	Prodiamine
PMG7	8/11/1997	U	0.095	Prometryn	PMG7	8/11/1997	U	0.096	Prometryn
PMG7	8/11/1997	U	0.048	Simazine	PMG7	8/11/1997	U	0.048	Simazine
PMML	8/11/1997	U	0.29	Alachlor	PMML	8/11/1997	U	0.3	Alachlor
PMML	8/11/1997	U	0.048	Ametryn	PMML	8/11/1997	U	0.05	Ametryn
PMML	8/11/1997	U	0.048	Atrazine	PMML	8/11/1997	U	0.05	Atrazine
PMML	8/11/1997	U	0.19	Azinphos Methyl	PMML	8/11/1997	U	0.2	Azinphos Methyl
PMML	8/11/1997	U	0.29	Bromacil	PMML	8/11/1997	U	0.3	Bromacil
PMML	8/11/1997	U	0.095	Butylate	PMML	8/11/1997	U	0.099	Butylate
PMML	8/11/1997	U	0.095	Chlorpyrifos Ethyl	PMML	8/11/1997	U	0.099	Chlorpyrifos Ethyl
PMML	8/11/1997	U	0.095	Chlorpyrifos Methyl	PMML	8/11/1997	U	0.099	Chlorpyrifos Methyl
PMML	8/11/1997	U	0.095	Diazinon	PMML	8/11/1997	U	0.099	Diazinon
PMML	8/11/1997	U	0.048	Ethion	PMML	8/11/1997	U	0.05	Ethion
PMML	8/11/1997	U	0.095	Ethoprop	PMML	8/11/1997	U	0.099	Ethoprop
PMML	8/11/1997	U	0.29	Fenamiphos	PMML	8/11/1997	U	0.3	Fenamiphos
PMML	8/11/1997	U	0.095	Fonofos	PMML	8/11/1997	U	0.099	Fonofos
PMML	8/11/1997	U	0.14	Malathion	PMML	8/11/1997	U	0.15	Malathion
PMML	8/11/1997	U	0.57	Metalaxyl	PMML	8/11/1997	U	0.59	Metalaxyl
PMML	8/11/1997	U	0.48	Metolachlor	PMML	8/11/1997	U	0.5	Metolachlor
PMML	8/11/1997	U	0.19	Metribuzin	PMML	8/11/1997	U	0.2	Metribuzin
PMML	8/11/1997	U	0.24	Mevinphos	PMML	8/11/1997	U	0.25	Mevinphos
PMML	8/11/1997	U	0.76	Naled	PMML	8/11/1997	U	0.79	Naled
PMML	8/11/1997	U	0.095	Parathion Methyl	PMML	8/11/1997	U	0.099	Parathion Methyl
PMML	8/11/1997	U	0.095	Parathion Ethyl	PMML	8/11/1997	U	0.099	Parathion Ethyl
PMML	8/11/1997	U	0.095	Phorate	PMML	8/11/1997	U	0.099	Phorate
PMML	8/11/1997	U	0.29	Prodiamine	PMML	8/11/1997	U	0.3	Prodiamine
PMML	8/11/1997	U	0.095	Prometryn	PMML	8/11/1997	U	0.099	Prometryn
PMML	8/11/1997	U	0.048	Simazine	PMML	8/11/1997	U	0.05	Simazine
PMF18	11/19/1997	U	0.0095	Aldrin	PMF18	11/19/1997	U	0.0096	Aldrin
PMF18	11/19/1997	U	0.0095	Alpha-BHC	PMF18	11/19/1997	U	0.0096	Alpha-BHC
PMF18	11/19/1997	U	0.019	Beta-BHC	PMF18	11/19/1997	U	0.019	Beta-BHC
PMF18	11/19/1997	U	0.0095	Delta-BHC	PMF18	11/19/1997	U	0.0096	Delta-BHC
PMF18	11/19/1997	U	0.0095	Gamma-BHC	PMF18	11/19/1997	U	0.0096	Gamma-BHC
PMF18	11/19/1997	U	0.095	Chlordane	PMF18	11/19/1997	U	0.096	Chlordane
PMF18	11/19/1997	U	0.019	Chlorothalonil	PMF18	11/19/1997	U	0.019	Chlorothalonil
PMF18	11/19/1997	U	0.019	DDD-p,p'	PMF18	11/19/1997	U	0.019	DDD-p,p'
PMF18	11/19/1997	U	0.019	DDE-p,p'	PMF18	11/19/1997	U	0.019	DDE-p,p'
PMF18	11/19/1997	U	0.019	DDT-p,p'	PMF18	11/19/1997	U	0.019	DDT-p,p'

Station ID	Date	LabCode	Value ug/l	Parameter	Station ID	Date	LabCode	Value ug/l	Parameter
PMF18	11/19/1997	U	0.019	Dieldrin	PMF18	11/19/1997	U	0.019	Dieldrin
PMF18	11/19/1997	U	0.0095	Endosulfan I	PMF18	11/19/1997	U	0.0096	Endosulfan I
PMF18	11/19/1997	U	0.0095	Endosulfan II	PMF18	11/19/1997	U	0.0096	Endosulfan II
PMF18	11/19/1997	U	0.019	Endosulfan Sulfate	PMF18	11/19/1997	U	0.019	Endosulfan Sulfate
PMF18	11/19/1997	U	0.019	Trifluralin/Benfluralin	PMF18	11/19/1997	U	0.019	Trifluralin/Benfluralin
PMF18	11/19/1997			Oxadiazon	PMF18	11/19/1997	U		Oxadiazon
PMF18	11/19/1997	U	0.29	Alachlor	PMF18	11/19/1997		0.29	Alachlor
PMF18	11/19/1997	U	0.048	Ametryn	PMF18	11/19/1997	U	0.048	Ametryn
PMF18	11/19/1997	U	0.048	Atrazine	PMF18	11/19/1997	U	0.048	Atrazine
PMF18	11/19/1997	U	0.19	Azinphos Methyl	PMF18	11/19/1997	U	0.19	Azinphos Methyl
PMF18	11/19/1997	U	0.29	Bromacil	PMF18	11/19/1997	U	0.29	Bromacil
PMF18	11/19/1997	U	0.095	Butylate	PMF18	11/19/1997	U	0.096	Butylate
PMF18	11/19/1997	U	0.095	Chlorpyrifos Ethyl	PMF18	11/19/1997	U	0.096	Chlorpyrifos Ethyl
PMF18	11/19/1997	U	0.095	Chlorpyrifos Methyl	PMF18	11/19/1997	U	0.096	Chlorpyrifos Methyl
PMF18	11/19/1997	U	0.095	Diazinon	PMF18	11/19/1997	U	0.096	Diazinon
PMF18	11/19/1997	U	0.048	Ethion	PMF18	11/19/1997	U	0.048	Ethion
PMF18	11/19/1997	U	0.095	Ethoprop	PMF18	11/19/1997	U	0.096	Ethoprop
PMF18	11/19/1997	U	0.29	Fenamiphos	PMF18	11/19/1997	U	0.29	Fenamiphos
PMF18	11/19/1997	U	0.095	Fonofos	PMF18	11/19/1997	U	0.096	Fonofos
PMF18	11/19/1997	U	0.14	Malathion	PMF18	11/19/1997	U	0.14	Malathion
PMF18	11/19/1997	U	0.57	Metalaxyl	PMF18	11/19/1997	U	0.58	Metalaxyl
PMF18	11/19/1997	U	0.48	Metolachlor	PMF18	11/19/1997	U	0.48	Metolachlor
PMF18	11/19/1997	U	0.19	Metribuzin	PMF18	11/19/1997	U	0.19	Metribuzin
PMF18	11/19/1997	U	0.24	Mevinphos	PMF18	11/19/1997	U	0.24	Mevinphos
PMF18	11/19/1997	U	0.76	Naled	PMF18	11/19/1997	U	0.77	Naled
PMF18	11/19/1997	U	0.095	Parathion Methyl	PMF18	11/19/1997	U	0.096	Parathion Methyl
PMF18	11/19/1997	U	0.095	Parathion Ethyl	PMF18	11/19/1997	U	0.096	Parathion Ethyl
PMF18	11/19/1997	U	0.095	Phorate	PMF18	11/19/1997	U	0.096	Phorate
PMF18	11/19/1997	U	0.095	Prometryn	PMF18	11/19/1997	U	0.096	Prometryn
PMF18	11/19/1997	U	0.048	Simazine	PMF18	11/19/1997	U	0.048	Simazine
PMF18	11/19/1997	U	0.29	Prodiamine	PMF18	11/19/1997	U	0.29	Prodiamine
PMG7	11/19/1997	U	0.0097	Aldrin	PMG7	11/19/1997	U	0.0095	Aldrin
PMG7	11/19/1997	U	0.0097	Alpha-BHC	PMG7	11/19/1997	U	0.0095	Alpha-BHC
PMG7	11/19/1997	U	0.019	Beta-BHC	PMG7	11/19/1997	U	0.019	Beta-BHC
PMG7	11/19/1997	U	0.0097	Delta-BHC	PMG7	11/19/1997	U	0.0095	Delta-BHC
PMG7	11/19/1997	U	0.0097	Gamma-BHC	PMG7	11/19/1997	U	0.0095	Gamma-BHC
PMG7	11/19/1997	U	0.097	Chlordane	PMG7	11/19/1997	U	0.095	Chlordane
PMG7	11/19/1997	U	0.019	Chlorothalonil	PMG7	11/19/1997	U	0.019	Chlorothalonil
PMG7	11/19/1997	U	0.019	DDD-p,p'	PMG7	11/19/1997	U	0.019	DDD-p,p'
PMG7	11/19/1997	U	0.019	DDE-p,p'	PMG7	11/19/1997	U	0.019	DDE-p,p'
PMG7	11/19/1997	U	0.019	DDT-p,p'	PMG7	11/19/1997	U	0.019	DDT-p,p'
PMG7	11/19/1997	U	0.019	Dieldrin	PMG7	11/19/1997	U	0.019	Dieldrin
PMG7	11/19/1997	U	0.0097	Endosulfan I	PMG7	11/19/1997	U	0.0095	Endosulfan I
PMG7	11/19/1997	U	0.0097	Endosulfan II	PMG7	11/19/1997	U	0.0095	Endosulfan II

Station ID	Date	LabCode	Value ug/l	Parameter	Station ID	Date	LabCode	Value ug/l	Parameter
PMG7	11/19/1997	U	0.019	Endosulfan Sulfate	PMG7	11/19/1997	U	0.019	Endosulfan Sulfate
PMG7	11/19/1997	U	0.019	Trifluralin/Benfluralin	PMG7	11/19/1997	U	0.019	Trifluralin/Benfluralin
PMG7	11/19/1997			Oxadiazon	PMG7	11/19/1997			Oxadiazon
PMG7	11/19/1997	U	0.29	Alachlor	PMG7	11/19/1997	U	0.29	Alachlor
PMG7	11/19/1997	U	0.049	Ametryn	PMG7	11/19/1997	U	0.048	Ametryn
PMG7	11/19/1997	U	0.049	Atrazine	PMG7	11/19/1997	U	0.048	Atrazine
PMG7	11/19/1997	U	0.19	Azinphos Methyl	PMG7	11/19/1997	U	0.19	Azinphos Methyl
PMG7	11/19/1997	U	0.29	Bromacil	PMG7	11/19/1997	U	0.29	Bromacil
PMG7	11/19/1997	U	0.097	Butylate	PMG7	11/19/1997	U	0.095	Butylate
PMG7	11/19/1997	U	0.097	Chlorpyrifos Ethyl	PMG7	11/19/1997	U	0.095	Chlorpyrifos Ethyl
PMG7	11/19/1997	U	0.097	Chlorpyrifos Methyl	PMG7	11/19/1997	U	0.095	Chlorpyrifos Methyl
PMG7	11/19/1997	U	0.097	Diazinon	PMG7	11/19/1997	U	0.095	Diazinon
PMG7	11/19/1997	U	0.049	Ethion	PMG7	11/19/1997	U	0.048	Ethion
PMG7	11/19/1997	U	0.097	Ethoprop	PMG7	11/19/1997	U	0.095	Ethoprop
PMG7	11/19/1997	U	0.29	Fenamiphos	PMG7	11/19/1997	U	0.29	Fenamiphos
PMG7	11/19/1997	U	0.097	Fonofos	PMG7	11/19/1997	U	0.095	Fonofos
PMG7	11/19/1997	U	0.15	Malathion	PMG7	11/19/1997	U	0.14	Malathion
PMG7	11/19/1997	U	0.58	Metalaxyl	PMG7	11/19/1997	U	0.57	Metalaxyl
PMG7	11/19/1997	U	0.49	Metolachlor	PMG7	11/19/1997	U	0.48	Metolachlor
PMG7	11/19/1997	U	0.19	Metribuzin	PMG7	11/19/1997	U	0.19	Metribuzin
PMG7	11/19/1997	U	0.24	Mevinphos	PMG7	11/19/1997	U	0.24	Mevinphos
PMG7	11/19/1997	U	0.78	Naled	PMG7	11/19/1997	U	0.76	Naled
PMG7	11/19/1997	U	0.097	Parathion Methyl	PMG7	11/19/1997	U	0.095	Parathion Methyl
PMG7	11/19/1997	U	0.097	Parathion Ethyl	PMG7	11/19/1997	U	0.095	Parathion Ethyl
PMG7	11/19/1997	U	0.097	Phorate	PMG7	11/19/1997	U	0.095	Phorate
PMG7	11/19/1997	U	0.097	Prometryn	PMG7	11/19/1997	U	0.095	Prometryn
PMG7	11/19/1997	U	0.049	Simazine	PMG7	11/19/1997	U	0.048	Simazine
PMG7	11/19/1997	U	0.29	Prodiamine	PMG7	11/19/1997	U	0.29	Prodiamine
PMML	11/19/1997	U	0.0095	Aldrin	PMML	11/19/1997	U	0.0097	Aldrin
PMML	11/19/1997	U	0.0095	Alpha-BHC	PMML	11/19/1997	U	0.0097	Alpha-BHC
PMML	11/19/1997	U	0.019	Beta-BHC	PMML	11/19/1997	U	0.019	Beta-BHC
PMML	11/19/1997	U	0.0095	Delta-BHC	PMML	11/19/1997	U	0.0097	Delta-BHC
PMML	11/19/1997	U	0.0095	Gamma-BHC	PMML	11/19/1997	U	0.0097	Gamma-BHC
PMML	11/19/1997	U	0.095	Chlordane	PMML	11/19/1997	U	0.097	Chlordane
PMML	11/19/1997	U	0.019	Chlorothalonil	PMML	11/19/1997	U	0.019	Chlorothalonil
PMML	11/19/1997	U	0.019	DDD-p,p'	PMML	11/19/1997	U	0.019	DDD-p,p'
PMML	11/19/1997	U	0.019	DDE-p,p'	PMML	11/19/1997	U	0.019	DDE-p,p'
PMML	11/19/1997	U	0.019	DDT-p,p'	PMML	11/19/1997	U	0.019	DDT-p,p'
PMML	11/19/1997	U	0.019	Dieldrin	PMML	11/19/1997	U	0.019	Dieldrin
PMML	11/19/1997	U	0.0095	Endosulfan I	PMML	11/19/1997	U	0.0097	Endosulfan I
PMML	11/19/1997	U	0.0095	Endosulfan II	PMML	11/19/1997	U	0.0097	Endosulfan II
PMML	11/19/1997	U	0.019	Endosulfan Sulfate	PMML	11/19/1997	U	0.019	Endosulfan Sulfate
PMML	11/19/1997	U	0.019	Trifluralin/Benfluralin	PMML	11/19/1997	U	0.019	Trifluralin/Benfluralin

Station ID	Date	LabCode	Value ug/l	Parameter	Station ID	Date	LabCode	Value ug/l	Parameter
PMML	11/19/1997			Oxadiazon	PMML	11/19/1997			Oxadiazon
PMML	11/19/1997	U	0.29	Alachlor	PMML	11/19/1997	U	0.29	Alachlor
PMML	11/19/1997	U	0.048	Ametryn	PMML	11/19/1997	U	0.049	Ametryn
PMML	11/19/1997	U	0.048	Atrazine	PMML	11/19/1997	U	0.049	Atrazine
PMML	11/19/1997	U	0.19	Azinphos Methyl	PMML	11/19/1997	U	0.19	Azinphos Methyl
PMML	11/19/1997	U	0.29	Bromacil	PMML	11/19/1997	U	0.29	Bromacil
PMML	11/19/1997	U	0.095	Butylate	PMML	11/19/1997	U	0.097	Butylate
PMML	11/19/1997	U	0.095	Chlorpyrifos Ethyl	PMML	11/19/1997	U	0.097	Chlorpyrifos Ethyl
PMML	11/19/1997	U	0.095	Chlorpyrifos Methyl	PMML	11/19/1997	U	0.097	Chlorpyrifos Methyl
PMML	11/19/1997	U	0.095	Diazinon	PMML	11/19/1997	U	0.097	Diazinon
PMML	11/19/1997	U	0.048	Ethion	PMML	11/19/1997	U	0.049	Ethion
PMML	11/19/1997	U	0.095	Ethoprop	PMML	11/19/1997	U	0.097	Ethoprop
PMML	11/19/1997	U	0.29	Fenamiphos	PMML	11/19/1997	U	0.29	Fenamiphos
PMML	11/19/1997	U	0.095	Fonofos	PMML	11/19/1997	U	0.097	Fonofos
PMML	11/19/1997	U	0.14	Malathion	PMML	11/19/1997	U	0.15	Malathion
PMML	11/19/1997	U	0.57	Metalaxyl	PMML	11/19/1997	U	0.58	Metalaxyl
PMML	11/19/1997	U	0.48	Metolachlor	PMML	11/19/1997	U	0.49	Metolachlor
PMML	11/19/1997	U	0.19	Metribuzin	PMML	11/19/1997	U	0.19	Metribuzin
PMML	11/19/1997	U	0.24	Mevinphos	PMML	11/19/1997	U	0.24	Mevinphos
PMML	11/19/1997	U	0.76	Naled	PMML	11/19/1997	U	0.78	Naled
PMML	11/19/1997	U	0.095	Parathion Methyl	PMML	11/19/1997	U	0.097	Parathion Methyl
PMML	11/19/1997	U	0.095	Parathion Ethyl	PMML	11/19/1997	U	0.097	Parathion Ethyl
PMML	11/19/1997	U	0.095	Phorate	PMML	11/19/1997	U	0.097	Phorate
PMML	11/19/1997	U	0.095	Prometryn	PMML	11/19/1997	U	0.097	Prometryn
PMML	11/19/1997	U	0.048	Simazine	PMML	11/19/1997	U	0.049	Simazine
PMML	11/19/1997	U	0.29	Prodiamine	PMML	11/19/1997	U	0.29	Prodiamine
BBF2	2/25/1997	Conductivity	630	Hydrolab	BBF2	2/25/1997	Conductivity	593	Hydrolab
BBF4	2/25/1997	Conductivity	598	Hydrolab	BBF4	2/25/1997	Conductivity	664	Hydrolab
BBML	2/25/1997	Conductivity	932	Hydrolab	BBML	2/25/1997	Conductivity	587	Hydrolab
BBF2	2/25/1997	Dissolved Oxygen	0.24	Hydrolab	BBF2	2/25/1997	Dissolved Oxygen	0.15	Hydrolab
BBF4	2/25/1997	Dissolved Oxygen	0.54	Hydrolab	BBF4	2/25/1997	Dissolved Oxygen	0.17	Hydrolab
BBML	2/25/1997	Dissolved Oxygen	0.86	Hydrolab	BBML	2/25/1997	Dissolved Oxygen	0.15	Hydrolab
BBF2	2/25/1997	pH	7.1	Hydrolab	BBF2	2/25/1997	pH	7.22	Hydrolab
BBF4	2/25/1997	pH	6.9	Hydrolab	BBF4	2/25/1997	pH	6.8	Hydrolab
BBML	2/25/1997	pH	7.04	Hydrolab	BBML	2/25/1997	pH	7.13	Hydrolab
BBF2	2/25/1997	Redox	36	Hydrolab	BBF2	2/25/1997	Redox	-3	Hydrolab
BBF4	2/25/1997	Redox	492	Hydrolab	BBF4	2/25/1997	Redox	253	Hydrolab
BBML	2/25/1997	Redox	405	Hydrolab	BBML	2/25/1997	Redox	98	Hydrolab
BBF2	2/25/1997	Salinity	na	Hydrolab	BBF2	2/25/1997	Salinity	na	Hydrolab
BBF4	2/25/1997	Salinity	na	Hydrolab	BBF4	2/25/1997	Salinity	na	Hydrolab
BBML	2/25/1997	Salinity	na	Hydrolab	BBML	2/25/1997	Salinity	na	Hydrolab
BBF2	2/25/1997	Temp	24.23	Hydrolab	BBF2	2/25/1997	Temp	25.88	Hydrolab
BBF4	2/25/1997	Temp	24.67	Hydrolab	BBF4	2/25/1997	Temp	25.15	Hydrolab
BBML	2/25/1997	Temp	24.97	Hydrolab	BBML	2/25/1997	Temp	26.24	Hydrolab

StationID	Date	ParamID	Value	Lab
BBF2	5/19/1997	Conductivity	629	Hydrolab
BBF4	5/19/1997	Conductivity	594	Hydrolab
BBML	5/19/1997	Conductivity	835	Hydrolab
BBF2	5/19/1997	Dissolved Oxygen	1.25	Hydrolab
BBF4	5/19/1997	Dissolved Oxygen	1.13	Hydrolab
BBML	5/19/1997	Dissolved Oxygen	1.07	Hydrolab
BBF2	5/19/1997	pH	6.89	Hydrolab
BBF4	5/19/1997	pH	6.92	Hydrolab
BBML	5/19/1997	pH	7.23	Hydrolab
BBF2	5/19/1997	Redox	287	Hydrolab
BBF4	5/19/1997	Redox	84	Hydrolab
BBML	5/19/1997	Redox	133	Hydrolab
BBF2	5/19/1997	Salinity	0.3	Hydrolab
BBF4	5/19/1997	Salinity	0.3	Hydrolab
BBML	5/19/1997	Salinity	0.4	Hydrolab
BBF2	5/19/1997	Temp	24.98	Hydrolab
BBF4	5/19/1997	Temp	26.33	Hydrolab
BBML	5/19/1997	Temp	25.73	Hydrolab
BBF2	8/14/1997	Conductivity	659	Hydrolab
BBF4	8/14/1997	Conductivity	549	Hydrolab
BBML	8/14/1997	Conductivity	756	Hydrolab
BBF2	8/14/1997	Dissolved Oxygen	0.21	Hydrolab
BBF4	8/14/1997	Dissolved Oxygen	0.31	Hydrolab
BBML	8/14/1997	Dissolved Oxygen	0.23	Hydrolab
BBF2	8/14/1997	pH	6.96	Hydrolab
BBF4	8/14/1997	pH	6.98	Hydrolab
BBML	8/14/1997	pH	7.2	Hydrolab
BBF2	8/14/1997	Redox	-59	Hydrolab
BBF4	8/14/1997	Redox	-188	Hydrolab
BBML	8/14/1997	Redox	-85	Hydrolab
BBF2	8/14/1997	Salinity	0.37	Hydrolab
BBF4	8/14/1997	Salinity	0.3	Hydrolab
BBML	8/14/1997	Salinity	0.4	Hydrolab
BBF2	8/14/1997	Temperature	26.71	Hydrolab
BBF4	8/14/1997	Temperature	28.19	Hydrolab
BBML	8/14/1997	Temperature	28.52	Hydrolab
BBF2	11/18/1997	Conductivity	640	Hydrolab
BBF4	11/18/1997	Conductivity	525	Hydrolab
BBML	11/18/1997	Conductivity	744	Hydrolab
BBF2	11/18/1997	Dissolved Oxygen	0.32	Hydrolab
BBF4	11/18/1997	Dissolved Oxygen	0.21	Hydrolab
BBML	11/18/1997	Dissolved Oxygen	0.33	Hydrolab
BBF2	11/18/1997	pH	6.91	Hydrolab
BBF4	11/18/1997	pH	7.01	Hydrolab
BBML	11/18/1997	pH	7.18	Hydrolab
BBF2	11/18/1997	Redox	81	Hydrolab
BBF4	11/18/1997	Redox	-81	Hydrolab

StationID	Date	ParamID	Value	Lab
BBF2	5/19/1997	Conductivity	581	Hydrolab
BBF4	5/19/1997	Conductivity	713	Hydrolab
BBML	5/19/1997	Conductivity	569	Hydrolab
BBF2	5/19/1997	Dissolved Oxygen	1.42	Hydrolab
BBF4	5/19/1997	Dissolved Oxygen	1.07	Hydrolab
BBML	5/19/1997	Dissolved Oxygen	1.21	Hydrolab
BBF2	5/19/1997	pH	7.08	Hydrolab
BBF4	5/19/1997	pH	6.74	Hydrolab
BBML	5/19/1997	pH	6.93	Hydrolab
BBF2	5/19/1997	Redox	87	Hydrolab
BBF4	5/19/1997	Redox	138	Hydrolab
BBML	5/19/1997	Redox	104	Hydrolab
BBF2	5/19/1997	Salinity	0.3	Hydrolab
BBF4	5/19/1997	Salinity	0.4	Hydrolab
BBML	5/19/1997	Salinity	0.3	Hydrolab
BBF2	5/19/1997	Temp	25.6	Hydrolab
BBF4	5/19/1997	Temp	25.86	Hydrolab
BBML	5/19/1997	Temp	25.76	Hydrolab
BBF2	8/14/1997	Conductivity	588	Hydrolab
BBF4	8/14/1997	Conductivity	710	Hydrolab
BBML	8/14/1997	Conductivity	619	Hydrolab
BBF2	8/14/1997	Dissolved Oxygen	0.25	Hydrolab
BBF4	8/14/1997	Dissolved Oxygen	0.26	Hydrolab
BBML	8/14/1997	Dissolved Oxygen	0.23	Hydrolab
BBF2	8/14/1997	pH	7.18	Hydrolab
BBF4	8/14/1997	pH	6.93	Hydrolab
BBML	8/14/1997	pH	7.04	Hydrolab
BBF2	8/14/1997	Redox	-185	Hydrolab
BBF4	8/14/1997	Redox	-106	Hydrolab
BBML	8/14/1997	Redox	-122	Hydrolab
BBF2	8/14/1997	Salinity	0.3	Hydrolab
BBF4	8/14/1997	Salinity	0.4	Hydrolab
BBML	8/14/1997	Salinity	0.3	Hydrolab
BBF2	8/14/1997	Temperature	26	Hydrolab
BBF4	8/14/1997	Temperature	26.45	Hydrolab
BBML	8/14/1997	Temperature	27.32	Hydrolab
BBF2	11/18/1997	Conductivity	583	Hydrolab
BBF4	11/18/1997	Conductivity	693	Hydrolab
BBML	11/18/1997	Conductivity	587	Hydrolab
BBF2	11/18/1997	Dissolved Oxygen	0.38	Hydrolab
BBF4	11/18/1997	Dissolved Oxygen	0.36	Hydrolab
BBML	11/18/1997	Dissolved Oxygen	0.33	Hydrolab
BBF2	11/18/1997	pH	7.08	Hydrolab
BBF4	11/18/1997	pH	7.07	Hydrolab
BBML	11/18/1997	pH	6.91	Hydrolab
BBF2	11/18/1997	Redox	-27	Hydrolab
BBF4	11/18/1997	Redox	124	Hydrolab

StationID	Date	ParamID	Value	Lab	StationID	Date	ParamID	Value	Lab
BBML	11/18/1997	Redox	10	Hydrolab	BBML	11/18/1997	Redox	35	Hydrolab
BBF2	11/18/1997	Salinity	0.3	Hydrolab	BBF2	11/18/1997	Salinity	0.3	Hydrolab
BBF4	11/18/1997	Salinity	0.3	Hydrolab	BBF4	11/18/1997	Salinity	0.4	Hydrolab
BBML	11/18/1997	Salinity	0.4	Hydrolab	BBML	11/18/1997	Salinity	0.3	Hydrolab
BBF2	11/18/1997	Temperature	25.51	Hydrolab	BBF2	11/18/1997	Temperature	25.67	Hydrolab
BBF4	11/18/1997	Temperature	26.11	Hydrolab	BBF4	11/18/1997	Temperature	25.6	Hydrolab
BBML	11/18/1997	Temperature	26.66	Hydrolab	BBML	11/18/1997	Temperature	26.01	Hydrolab
BBF2	2/25/1997	0.4	NOX-N	DERM	BBF2	2/25/1997	0.01(U)	NOX-N	DERM
BBF4	2/25/1997	0.18	NOX-N	DERM	BBF4	2/25/1997	0.02	NOX-N	DERM
BBML	2/25/1997	13.33	NOX-N	DERM	BBML	2/25/1997	0.01(U)	NOX-N	DERM
BBF2	5/19/1997	0.54	NOX-N	PBS&J	BBF2	5/19/1997	0.01(U)	NOX-N	PBS&J
BBF4	5/19/1997	0.26	NOX-N	PBS&J	BBF4	5/19/1997	0.01(U)	NOX-N	PBS&J
BBML	5/19/1997	0.01(U)	NOX-N	PBS&J	BBML	5/19/1997	0.02(I)	NOX-N	PBS&J
BBF2	8/14/1997	0.37	NOX-N	PBS&J	BBF2	8/14/1997	0.01(U)	NOX-N	PBS&J
BBF4	8/14/1997	0.49	NOX-N	PBS&J	BBF4	8/14/1997	0.01(U)	NOX-N	PBS&J
BBML	8/14/1997	14.5	NOX-N	PBS&J	BBML	8/14/1997	0.01(U)	NOX-N	PBS&J
BBF2	11/18/1997	0.75	NOX-N	PBS&J	BBF2	11/18/1997	0.01(I)	NOX-N	PBS&J
BBF4	11/18/1997	0.41	NOX-N	PBS&J	BBF4	11/18/1997	0.05	NOX-N	PBS&J
BBML	11/18/1997	16.8	NOX-N	PBS&J	BBML	11/18/1997	0.03(I)	NOX-N	PBS&J
BBF2	2/25/1997	0.114	TPO4	DERM	BBF2	2/25/1997	0.023	TPO4	DERM
BBF4	2/25/1997	0.116	TPO4	DERM	BBF4	2/25/1997	0.049	TPO4	DERM
BBML	2/25/1997	0.173	TPO4	DERM	BBML	2/25/1997	0.014	TPO4	DERM
BBF2	5/19/1997	0.03(I)	TPO4	PBS&J	BBF2	5/19/1997	0.06(I)	TPO4	PBS&J
BBF4	5/19/1997	0.02(I)	TPO4	PBS&J	BBF4	5/19/1997	0.02 (I)	TPO4	PBS&J
BBML	5/19/1997	0.15	TPO4	PBS&J	BBML	5/19/1997	0.06(I)	TPO4	PBS&J
BBF2	8/14/1997	0.04(I)	TPO4	PBS&J	BBF2	8/14/1997	0.04(I)	TPO4	PBS&J
BBF4	8/14/1997	0.04(I)	TPO4	PBS&J	BBF4	8/14/1997	0.03(I)	TPO4	PBS&J
BBML	8/14/1997	0.29	TPO4	PBS&J	BBML	8/14/1997	0.04(I)	TPO4	PBS&J
BBF2	11/18/1997	0.02(U)	TPO4	PBS&J	BBF2	11/18/1997	0.02(U)	TPO4	PBS&J
BBF4	11/18/1997	0.1	TPO4	PBS&J	BBF4	11/18/1997	0.02(U)	TPO4	PBS&J
BBML	11/18/1997	0.09	TPO4	PBS&J	BBML	11/18/1997	0.02(U)	TPO4	PBS&J
BBF2	2/25/1997	2(U)	2(U)	Arsenic	BBF2	2/25/1997	2(U)	3(I)	Arsenic
BBF2	5/19/1997	2(U)	2(U)	Arsenic	BBF2	5/19/1997	2(U)	2(U)	Arsenic
BBF2	8/14/1997	2(U)	2(U)	Arsenic	BBF2	8/14/1997	3.4	2(U)	Arsenic
BBF2	11/18/1997	2(U)	2(I)	Arsenic	BBF2	11/18/1997	2(U)	2(U)	Arsenic
BBF4	2/25/1997	12.7	56	Arsenic	BBF4	2/25/1997	2(U)	2(U)	Arsenic
BBF4	5/19/1997	2.3	4(I)	Arsenic	BBF4	5/19/1997	2(U)	2(U)	Arsenic
BBF4	8/14/1997	2.5	2(U)	Arsenic	BBF4	8/14/1997	4.1	2(U)	Arsenic
BBF4	11/18/1997	2.2	2(U)	Arsenic	BBF4	11/18/1997	2(U)	2(U)	Arsenic
BBML	2/25/1997	793.1	815	Arsenic	BBML	2/25/1997	41.7	44(A)	Arsenic
BBML	5/19/1997	552	520	Arsenic	BBML	5/19/1997	21	23.7	Arsenic
BBML	8/14/1997	559	455	Arsenic	BBML	8/14/1997	30.9	26	Arsenic
BBML	11/18/1997	722	518(J)	Arsenic	BBML	11/18/1997	17.6	15(J)	Arsenic
BBML	2/25/1997	U	0.29	Alachlor	BBML	2/25/1997	U	0.28	Alachlor
BBML	2/25/1997	U	0.049	Ametryn	BBML	2/25/1997	U	0.047	Ametryn
BBML	2/25/1997	U	0.094	Atrazine	BBML	2/25/1997	U	0.047	Atrazine
BBML	2/25/1997	U	0.2	Azinphos Methyl	BBML	2/25/1997	U	0.19	Azinphos Methyl

Station ID	Date	LabCode	Value (ug/l)	Parameter	Station ID	Date	LabCode	Value (ug/l)	Parameter
BBML	2/25/1997	U	0.29	Bromacil	BBML	2/25/1997	U	0.28	Bromacil
BBML	2/25/1997	U	0.098	Butylate	BBML	2/25/1997	U	0.094	Butylate
BBML	2/25/1997	U	0.098	Chlorpyrifos Ethyl	BBML	2/25/1997	U	0.094	Chlorpyrifos Ethyl
BBML	2/25/1997	U	0.098	Chlorpyrifos Methyl	BBML	2/25/1997	U	0.094	Chlorpyrifos Methyl
BBML	2/25/1997	U	0.098	Diazinon	BBML	2/25/1997	U	0.094	Diazinon
BBML	2/25/1997	U	0.049	Ethion	BBML	2/25/1997	U	0.047	Ethion
BBML	2/25/1997	U	0.098	Ethoprop	BBML	2/25/1997	U	0.094	Ethoprop
BBML	2/25/1997	U	0.29	Fenamiphos	BBML	2/25/1997	U	0.28	Fenamiphos
BBML	2/25/1997	U	0.098	Fonofos	BBML	2/25/1997	U	0.094	Fonofos
BBML	2/25/1997	U	0.15	Malathion	BBML	2/25/1997	U	0.14	Malathion
BBML	2/25/1997	U	0.59	Metalaxyl	BBML	2/25/1997	U	0.57	Metalaxyl
BBML	2/25/1997	U	0.49	Metolachlor	BBML	2/25/1997	U	0.47	Metolachlor
BBML	2/25/1997	U	0.2	Metribuzin	BBML	2/25/1997	U	0.19	Metribuzin
BBML	2/25/1997	U	0.25	Mevinphos	BBML	2/25/1997	U	0.24	Mevinphos
BBML	2/25/1997	U	0.78	Naled	BBML	2/25/1997	U	0.75	Naled
BBML	2/25/1997	U	0.098	Parathion Methyl	BBML	2/25/1997	U	0.094	Parathion Methyl
BBML	2/25/1997	U	0.098	Parathion Ethyl	BBML	2/25/1997	U	0.094	Parathion Ethyl
BBML	2/25/1997	U	0.098	Phorate	BBML	2/25/1997	U	0.094	Phorate
BBML	2/25/1997	U	0.098	Prometryn	BBML	2/25/1997	U	0.094	Prometryn
BBML	2/25/1997	U	0.049	Simazine	BBML	2/25/1997	U	0.047	Simazine
BBML	2/25/1997	U	0.25	Prodiamine	BBML	2/25/1997	U	0.24	Prodiamine
BBF2	2/25/1997	U	0.29	Alachlor	BBF2	2/25/1997	U	0.29	Alachlor
BBF2	2/25/1997	U	0.048	Ametryn	BBF2	2/25/1997	U	0.048	Ametryn
BBF2	2/25/1997	U	0.048	Atrazine	BBF2	2/25/1997	U	0.048	Atrazine
BBF2	2/25/1997	U	0.19	Azinphos Methyl	BBF2	2/25/1997	U	0.19	Azinphos Methyl
BBF2	2/25/1997	U	0.29	Bromacil	BBF2	2/25/1997	U	0.29	Bromacil
BBF2	2/25/1997	U	0.096	Butylate	BBF2	2/25/1997	U	0.096	Butylate
BBF2	2/25/1997	U	0.096	Chlorpyrifos Ethyl	BBF2	2/25/1997	U	0.096	Chlorpyrifos Ethyl
BBF2	2/25/1997	U	0.096	Chlorpyrifos Methyl	BBF2	2/25/1997	U	0.096	Chlorpyrifos Methyl
BBF2	2/25/1997	U	0.096	Diazinon	BBF2	2/25/1997	U	0.096	Diazinon
BBF2	2/25/1997	U	0.048	Ethion	BBF2	2/25/1997	U	0.048	Ethion
BBF2	2/25/1997	U	0.096	Ethoprop	BBF2	2/25/1997	U	0.096	Ethoprop
BBF2	2/25/1997	U	0.29	Fenamiphos	BBF2	2/25/1997	U	0.29	Fenamiphos
BBF2	2/25/1997	U	0.096	Fonofos	BBF2	2/25/1997	U	0.096	Fonofos
BBF2	2/25/1997	U	0.14	Malathion	BBF2	2/25/1997	U	0.14	Malathion
BBF2	2/25/1997	U	0.58	Metalaxyl	BBF2	2/25/1997	U	0.58	Metalaxyl
BBF2	2/25/1997	U	0.48	Metolachlor	BBF2	2/25/1997	U	0.48	Metolachlor
BBF2	2/25/1997	U	0.19	Metribuzin	BBF2	2/25/1997	U	0.19	Metribuzin

Station ID	Date	LabCode	Value (ug/l)	Parameter
BBF2	2/25/1997	U	0.24	Mevinphos
BBF2	2/25/1997	U	0.77	Naled
BBF2	2/25/1997	U	0.096	Parathion Methyl
BBF2	2/25/1997	U	0.096	Parathion Ethyl
BBF2	2/25/1997	U	0.096	Phorate
BBF2	2/25/1997	U	0.096	Prometryn
BBF2	2/25/1997	U	0.048	Simazine
BBF2	2/25/1997	U	0.24	Prodiamine
BBF4	2/25/1997	U	0.29	Alachlor
BBF4	2/25/1997	U	0.049	Ametryn
BBF4	2/25/1997	U	0.049	Atrazine
BBF4	2/25/1997	U	0.19	Azinphos Methyl
BBF4	2/25/1997	U	0.29	Bromacil
BBF4	2/25/1997	U	0.097	Butylate
BBF4	2/25/1997	U	0.097	Chlorpyrifos Ethyl
BBF4	2/25/1997	U	0.097	Chlorpyrifos Methyl
BBF4	2/25/1997	U	0.097	Diazinon
BBF4	2/25/1997	U	0.049	Ethion
BBF4	2/25/1997	U	0.097	Ethoprop
BBF4	2/25/1997	U	0.29	Fenamiphos
BBF4	2/25/1997	U	0.097	Fonofos
BBF4	2/25/1997	U	0.15	Malathion
BBF4	2/25/1997	U	0.58	Metalaxyl
BBF4	2/25/1997	U	0.49	Metolachlor
BBF4	2/25/1997	U	0.19	Metribuzin
BBF4	2/25/1997	U	0.24	Mevinphos
BBF4	2/25/1997	U	0.78	Naled
BBF4	2/25/1997	U	0.097	Parathion Methyl
BBF4	2/25/1997	U	0.097	Parathion Ethyl
BBF4	2/25/1997	U	0.097	Phorate
BBF4	2/25/1997	U	0.097	Prometryn
BBF4	2/25/1997	U	0.049	Simazine
BBF4	2/25/1997	U	0.24	Prodiamine
BBF2	5/19/1997	U	0.29	Alachlor
BBF2	5/19/1997	U	0.048	Ametryn
BBF2	5/19/1997	U	0.048	Atrazine
BBF2	5/19/1997	U	0.19	Azinphos Methyl

Station ID	Date	LabCode	Value (ug/l)	Parameter
BBF2	2/25/1997	U	0.24	Mevinphos
BBF2	2/25/1997	U	0.77	Naled
BBF2	2/25/1997	U	0.096	Parathion Methyl
BBF2	2/25/1997	U	0.096	Parathion Ethyl
BBF2	2/25/1997	U	0.096	Phorate
BBF2	2/25/1997	U	0.096	Prometryn
BBF2	2/25/1997	U	0.048	Simazine
BBF2	2/25/1997	U	0.24	Prodiamine
BBF4	2/25/1997	U	0.29	Alachlor
BBF4	2/25/1997	U	0.048	Ametryn
BBF4	2/25/1997	U	0.048	Atrazine
BBF4	2/25/1997	U	0.19	Azinphos Methyl
BBF4	2/25/1997	U	0.29	Bromacil
BBF4	2/25/1997	U	0.095	Butylate
BBF4	2/25/1997	U	0.095	Chlorpyrifos Ethyl
BBF4	2/25/1997	U	0.095	Chlorpyrifos Methyl
BBF4	2/25/1997	U	0.095	Diazinon
BBF4	2/25/1997	U	0.048	Ethion
BBF4	2/25/1997	U	0.095	Ethoprop
BBF4	2/25/1997	U	0.29	Fenamiphos
BBF4	2/25/1997	U	0.095	Fonofos
BBF4	2/25/1997	U	0.14	Malathion
BBF4	2/25/1997	U	0.57	Metalaxyl
BBF4	2/25/1997	U	0.48	Metolachlor
BBF4	2/25/1997	U	0.19	Metribuzin
BBF4	2/25/1997	U	0.24	Mevinphos
BBF4	2/25/1997	U	0.76	Naled
BBF4	2/25/1997	U	0.095	Parathion Methyl
BBF4	2/25/1997	U	0.095	Parathion Ethyl
BBF4	2/25/1997	U	0.095	Phorate
BBF4	2/25/1997	U	0.095	Prometryn
BBF4	2/25/1997	U	0.048	Simazine
BBF4	2/25/1997	U	0.24	Prodiamine
BBF2	5/19/1997	U	0.28	Alachlor
BBF2	5/19/1997	U	0.047	Ametryn
BBF2	5/19/1997	U	0.047	Atrazine
BBF2	5/19/1997	U	0.19	Azinphos Methyl

Station ID Date LabCode Value (ug/l) Parameter Station ID Date LabCode Value (ug/l) Parameter

BBF2	5/19/1997	U	0.29	Bromacil	BBF2	5/19/1997	U	0.28	Bromacil
BBF2	5/19/1997	U	0.095	Butylate	BBF2	5/19/1997	U	0.095	Butylate
BBF2	5/19/1997	U	0.095	Chlorpyrifos Ethyl	BBF2	5/19/1997	U	0.095	Chlorpyrifos Ethyl
BBF2	5/19/1997	U	0.095	Chlorpyrifos Methyl	BBF2	5/19/1997	U	0.095	Chlorpyrifos Methyl
BBF2	5/19/1997	U	0.095	Diazinon	BBF2	5/19/1997	U	0.095	Diazinon
BBF2	5/19/1997	U	0.048	Ethion	BBF2	5/19/1997	U	0.047	Ethion
BBF2	5/19/1997	U	0.095	Ethoprop	BBF2	5/19/1997	U	0.095	Ethoprop
BBF2	5/19/1997	U	0.29	Fenamiphos	BBF2	5/19/1997	U	0.28	Fenamiphos
BBF2	5/19/1997	U	0.095	Fonofos	BBF2	5/19/1997	U	0.095	Fonofos
BBF2	5/19/1997	U	0.14	Malathion	BBF2	5/19/1997	U	0.14	Malathion
BBF2	5/19/1997	U	0.57	Metalaxyl	BBF2	5/19/1997	U	0.57	Metalaxyl
BBF2	5/19/1997	U	0.48	Metolachlor	BBF2	5/19/1997	U	0.47	Metolachlor
BBF2	5/19/1997	U	0.19	Metribuzin	BBF2	5/19/1997	U	0.19	Metribuzin
BBF2	5/19/1997	U	0.24	Mevinphos	BBF2	5/19/1997	U	0.24	Mevinphos
BBF2	5/19/1997	U	0.76	Naled	BBF2	5/19/1997	U	0.76	Naled
BBF2	5/19/1997	U	0.095	Parathion Methyl	BBF2	5/19/1997	U	0.095	Parathion Methyl
BBF2	5/19/1997	U	0.095	Parathion Ethyl	BBF2	5/19/1997	U	0.095	Parathion Ethyl
BBF2	5/19/1997	U	0.095	Phorate	BBF2	5/19/1997	U	0.095	Phorate
BBF2	5/19/1997	U	0.095	Prometryn	BBF2	5/19/1997	U	0.095	Prometryn
BBF2	5/19/1997	U	0.048	Simazine	BBF2	5/19/1997	U	0.47	Simazine
BBF2	5/19/1997	U	0.29	Prodiamine	BBF2	5/19/1997	U	0.28	Prodiamine
BBF4	5/19/1997	U	0.29	Alachlor	BBF4	5/19/1997	U	0.28	Alachlor
BBF4	5/19/1997	U	0.049	Ametryn	BBF4	5/19/1997	U	0.047	Ametryn
BBF4	5/19/1997	U	0.049	Atrazine	BBF4	5/19/1997	U	0.047	Atrazine
BBF4	5/19/1997	U	0.2	Azinphos Methyl	BBF4	5/19/1997	U	0.19	Azinphos Methyl
BBF4	5/19/1997	U	0.29	Bromacil	BBF4	5/19/1997	U	0.28	Bromacil
BBF4	5/19/1997	U	0.098	Butylate	BBF4	5/19/1997	U	0.094	Butylate
BBF4	5/19/1997	U	0.098	Chlorpyrifos Ethyl	BBF4	5/19/1997	U	0.094	Chlorpyrifos Ethyl
BBF4	5/19/1997	U	0.098	Chlorpyrifos Methyl	BBF4	5/19/1997	U	0.094	Chlorpyrifos Methyl
BBF4	5/19/1997	U	0.098	Diazinon	BBF4	5/19/1997	U	0.094	Diazinon
BBF4	5/19/1997	U	0.049	Ethion	BBF4	5/19/1997	U	0.047	Ethion
BBF4	5/19/1997	U	0.098	Ethoprop	BBF4	5/19/1997	U	0.094	Ethoprop
BBF4	5/19/1997	U	0.29	Fenamiphos	BBF4	5/19/1997	U	0.28	Fenamiphos
BBF4	5/19/1997	U	0.098	Fonofos	BBF4	5/19/1997	U	0.094	Fonofos
BBF4	5/19/1997	U	0.15	Malathion	BBF4	5/19/1997	U	0.14	Malathion
BBF4	5/19/1997	U	0.59	Metalaxyl	BBF4	5/19/1997	U	0.57	Metalaxyl
BBF4	5/19/1997	U	0.49	Metolachlor	BBF4	5/19/1997	U	0.47	Metolachlor
BBF4	5/19/1997	U	0.2	Metribuzin	BBF4	5/19/1997	U	0.19	Metribuzin

Station ID	Date	LabCode	Value (ug/l)	Parameter	Station ID	Date	LabCode	Value (ug/l)	Parameter
BBF4	5/19/1997	U	0.25	Mevinphos	BBF4	5/19/1997	U	0.24	Mevinphos
BBF4	5/19/1997	U	0.78	Naled	BBF4	5/19/1997	U	0.75	Naled
BBF4	5/19/1997	U	0.098	Parathion Methyl	BBF4	5/19/1997	U	0.094	Parathion Methyl
BBF4	5/19/1997	U	0.098	Parathion Ethyl	BBF4	5/19/1997	U	0.094	Parathion Ethyl
BBF4	5/19/1997	U	0.098	Phorate	BBF4	5/19/1997	U	0.094	Phorate
BBF4	5/19/1997	U	0.098	Prometryn	BBF4	5/19/1997	U	0.094	Prometryn
BBF4	5/19/1997	U	0.049	Simazine	BBF4	5/19/1997	U	0.047	Simazine
BBF4	5/19/1997	U	0.29	Prodiamine	BBF4	5/19/1997	U	0.28	Prodiamine
BBML	5/19/1997	U	0.29	Alachlor	BBML	5/19/1997	U	0.29	Alachlor
BBML	5/19/1997	U	0.048	Ametryn	BBML	5/19/1997	U	0.049	Ametryn
BBML	5/19/1997	U	0.048	Atrazine	BBML	5/19/1997	T	0.03	Atrazine
BBML	5/19/1997	U	0.19	Azinphos Methyl	BBML	5/19/1997	U	0.2	Azinphos Methyl
BBML	5/19/1997	U	0.29	Bromacil	BBML	5/19/1997	U	0.29	Bromacil
BBML	5/19/1997	U	0.096	Butylate	BBML	5/19/1997	U	0.098	Butylate
BBML	5/19/1997	U	0.096	Chlorpyrifos Ethyl	BBML	5/19/1997	U	0.098	Chlorpyrifos Ethyl
BBML	5/19/1997	U	0.096	Chlorpyrifos Methyl	BBML	5/19/1997	U	0.098	Chlorpyrifos Methyl
BBML	5/19/1997	U	0.096	Diazinon	BBML	5/19/1997	U	0.098	Diazinon
BBML	5/19/1997	U	0.048	Ethion	BBML	5/19/1997	U	0.049	Ethion
BBML	5/19/1997	U	0.096	Ethoprop	BBML	5/19/1997	U	0.098	Ethoprop
BBML	5/19/1997	U	0.29	Fenamiphos	BBML	5/19/1997	U	0.29	Fenamiphos
BBML	5/19/1997	U	0.096	Fonofos	BBML	5/19/1997	U	0.098	Fonofos
BBML	5/19/1997	U	0.14	Malathion	BBML	5/19/1997	U	0.15	Malathion
BBML	5/19/1997	U	0.57	Metalaxyl	BBML	5/19/1997	U	0.59	Metalaxyl
BBML	5/19/1997	U	0.48	Metolachlor	BBML	5/19/1997	U	0.49	Metolachlor
BBML	5/19/1997	U	0.19	Metribuzin	BBML	5/19/1997	U	0.2	Metribuzin
BBML	5/19/1997	U	0.24	Mevinphos	BBML	5/19/1997	U	0.24	Mevinphos
BBML	5/19/1997	U	0.77	Naled	BBML	5/19/1997	U	0.78	Naled
BBML	5/19/1997	U	0.096	Parathion Methyl	BBML	5/19/1997	U	0.098	Parathion Methyl
BBML	5/19/1997	U	0.096	Parathion Ethyl	BBML	5/19/1997	U	0.098	Parathion Ethyl
BBML	5/19/1997	U	0.096	Phorate	BBML	5/19/1997	U	0.098	Phorate
BBML	5/19/1997	U	0.096	Prometryn	BBML	5/19/1997	U	0.098	Prometryn
BBML	5/19/1997	U	0.048	Simazine	BBML	5/19/1997	U	0.049	Simazine
BBML	5/19/1997	U	0.29	Prodiamine	BBML	5/19/1997	U	0.29	Prodiamine
BBF2	8/14/1997	U	0.048	Ametryn	BBF2	8/14/1997	U	0.29	Alachlor
BBF2	8/14/1997	U	0.048	Atrazine	BBF2	8/14/1997	U	0.048	Ametryn
BBF2	8/14/1997	U	0.19	Azinphos Methyl	BBF2	8/14/1997	U	0.048	Atrazine
BBF2	8/14/1997	U	0.29	Bromacil	BBF2	8/14/1997	U	0.19	Azinphos Methyl

BBF2	8/14/1997	U	0.096	Butylate	BBF2	8/14/1997	U	0.29	Bromacil
BBF2	8/14/1997	U	0.096	Chlorpyrifos Ethyl	BBF2	8/14/1997	U	0.096	Butylate
BBF2	8/14/1997	U	0.096	Chlorpyrifos Methyl	BBF2	8/14/1997	U	0.096	Chlorpyrifos Ethyl
BBF2	8/14/1997	U	0.096	Diazinon	BBF2	8/14/1997	U	0.096	Chlorpyrifos Methyl
BBF2	8/14/1997	U	0.048	Ethion	BBF2	8/14/1997	U	0.096	Diazinon
BBF2	8/14/1997	U	0.096	Ethoprop	BBF2	8/14/1997	U	0.048	Ethion
BBF2	8/14/1997	U	0.29	Fenamiphos	BBF2	8/14/1997	U	0.096	Ethoprop
BBF2	8/14/1997	U	0.096	Fonofos	BBF2	8/14/1997	U	0.29	Fenamiphos
BBF2	8/14/1997	U	0.14	Malathion	BBF2	8/14/1997	U	0.096	Fonofos
BBF2	8/14/1997	U	0.58	Metalaxyl	BBF2	8/14/1997	U	0.14	Malathion
BBF2	8/14/1997	U	0.48	Metolachlor	BBF2	8/14/1997	U	0.58	Metalaxyl
BBF2	8/14/1997	U	0.19	Metribuzin	BBF2	8/14/1997	U	0.48	Metolachlor
BBF2	8/14/1997	U	0.24	Mevinphos	BBF2	8/14/1997	U	0.19	Metribuzin
BBF2	8/14/1997	U	0.77	Naled	BBF2	8/14/1997	U	0.24	Mevinphos
BBF2	8/14/1997	U	0.096	Parathion Methyl	BBF2	8/14/1997	U	0.77	Naled
BBF2	8/14/1997	U	0.096	Parathion Ethyl	BBF2	8/14/1997	U	0.096	Parathion Methyl
BBF2	8/14/1997	U	0.096	Phorate	BBF2	8/14/1997	U	0.096	Parathion Ethyl
BBF2	8/14/1997	U	0.29	Prodiamine	BBF2	8/14/1997	U	0.096	Phorate
BBF2	8/14/1997	U	0.096	Prometryn	BBF2	8/14/1997	U	0.29	Prodiamine
BBF2	8/14/1997	U	0.48	Simazine	BBF2	8/14/1997	U	0.096	Prometryn
BBF4	8/14/1997	U	0.29	Alachlor	BBF2	8/14/1997	U	0.48	Simazine
BBF4	8/14/1997	U	0.048	Ametryn	BBF4	8/14/1997	U	0.29	Alachlor
BBF4	8/14/1997	U	0.048	Atrazine	BBF4	8/14/1997	U	0.049	Ametryn
BBF4	8/14/1997	U	0.19	Azinphos Methyl	BBF4	8/14/1997	U	0.049	Atrazine
BBF4	8/14/1997	U	0.29	Bromacil	BBF4	8/14/1997	U	0.2	Azinphos Methyl
BBF4	8/14/1997	U	0.095	Butylate	BBF4	8/14/1997	U	0.29	Bromacil
BBF4	8/14/1997	U	0.095	Chlorpyrifos Ethyl	BBF4	8/14/1997	U	0.098	Butylate
BBF4	8/14/1997	U	0.095	Chlorpyrifos Methyl	BBF4	8/14/1997	U	0.098	Chlorpyrifos Ethyl
BBF4	8/14/1997	U	0.095	Diazinon	BBF4	8/14/1997	U	0.098	Chlorpyrifos Methyl
BBF4	8/14/1997	U	0.048	Ethion	BBF4	8/14/1997	U	0.098	Diazinon
BBF4	8/14/1997	U	0.095	Ethoprop	BBF4	8/14/1997	U	0.049	Ethion
BBF4	8/14/1997	U	0.29	Fenamiphos	BBF4	8/14/1997	U	0.098	Ethoprop
BBF4	8/14/1997	U	0.095	Fonofos	BBF4	8/14/1997	U	0.29	Fenamiphos
BBF4	8/14/1997	U	0.14	Malathion	BBF4	8/14/1997	U	0.098	Fonofos
BBF4	8/14/1997	U	0.57	Metalaxyl	BBF4	8/14/1997	U	0.15	Malathion
BBF4	8/14/1997	U	0.48	Metolachlor	BBF4	8/14/1997	U	0.59	Metalaxyl
BBF4	8/14/1997	U	0.19	Metribuzin	BBF4	8/14/1997	U	0.49	Metolachlor
BBF4	8/14/1997	U	0.24	Mevinphos	BBF4	8/14/1997	U	0.2	Metribuzin

Station ID	Date	LabCode	Value (ug/l)	Parameter	Station ID	Date	LabCode	Value (ug/l)	Parameter
BBF4	8/14/1997	U	0.76	Naled	BBF4	8/14/1997	U	0.25	Mevinphos
BBF4	8/14/1997	U	0.095	Parathion Methyl	BBF4	8/14/1997	U	0.78	Naled
BBF4	8/14/1997	U	0.095	Parathion Ethyl	BBF4	8/14/1997	U	0.098	Parathion Methyl
BBF4	8/14/1997	U	0.095	Phorate	BBF4	8/14/1997	U	0.098	Parathion Ethyl
BBF4	8/14/1997	U	0.29	Prodiamine	BBF4	8/14/1997	U	0.098	Phorate
BBF4	8/14/1997	U	0.095	Prometryn	BBF4	8/14/1997	U	0.29	Prodiamine
BBF4	8/14/1997	U	0.048	Simazine	BBF4	8/14/1997	U	0.098	Prometryn
BBML	8/14/1997	U	0.29	Alachlor	BBF4	8/14/1997	U	0.049	Simazine
BBML	8/14/1997	U	0.049	Ametryn	BBML	8/14/1997	U	0.29	Alachlor
BBML	8/14/1997	U	0.049	Atrazine	BBML	8/14/1997	U	0.048	Ametryn
BBML	8/14/1997	U	0.2	Azinphos Methyl	BBML	8/14/1997	I	0.073	Atrazine
BBML	8/14/1997	U	0.29	Bromacil	BBML	8/14/1997	U	0.19	Azinphos Methyl
BBML	8/14/1997	U	0.098	Butylate	BBML	8/14/1997	U	0.29	Bromacil
BBML	8/14/1997	U	0.098	Chlorpyrifos Ethyl	BBML	8/14/1997	U	0.096	Butylate
BBML	8/14/1997	U	0.098	Chlorpyrifos Methyl	BBML	8/14/1997	U	0.096	Chlorpyrifos Ethyl
BBML	8/14/1997	U	0.098	Diazinon	BBML	8/14/1997	U	0.096	Chlorpyrifos Methyl
BBML	8/14/1997	U	0.049	Ethion	BBML	8/14/1997	U	0.096	Diazinon
BBML	8/14/1997	U	0.098	Ethoprop	BBML	8/14/1997	U	0.048	Ethion
BBML	8/14/1997	U	0.29	Fenamiphos	BBML	8/14/1997	U	0.096	Ethoprop
BBML	8/14/1997	U	0.098	Fonofos	BBML	8/14/1997	U	0.29	Fenamiphos
BBML	8/14/1997	U	0.15	Malathion	BBML	8/14/1997	U	0.096	Fonofos
BBML	8/14/1997	U	0.59	Metalaxyl	BBML	8/14/1997	U	0.14	Malathion
BBML	8/14/1997	U	0.49	Metolachlor	BBML	8/14/1997	U	0.58	Metalaxyl
BBML	8/14/1997	U	0.2	Metribuzin	BBML	8/14/1997	U	0.48	Metolachlor
BBML	8/14/1997	U	0.25	Mevinphos	BBML	8/14/1997	U	0.19	Metribuzin
BBML	8/14/1997	U	0.78	Naled	BBML	8/14/1997	U	0.24	Mevinphos
BBML	8/14/1997	U	0.098	Parathion Methyl	BBML	8/14/1997	U	0.77	Naled
BBML	8/14/1997	U	0.098	Parathion Ethyl	BBML	8/14/1997	U	0.096	Parathion Methyl
BBML	8/14/1997	U	0.098	Phorate	BBML	8/14/1997	U	0.096	Parathion Ethyl
BBML	8/14/1997	U	0.29	Prodiamine	BBML	8/14/1997	U	0.096	Phorate
BBML	8/14/1997	U	0.098	Prometryn	BBML	8/14/1997	U	0.29	Prodiamine
BBML	8/14/1997	U	0.049	Simazine	BBML	8/14/1997	U	0.096	Prometryn
BBF4	11/18/1997	U	0.0096	Aldrin	BBF4	11/18/1997	U	0.0096	Aldrin
BBF4	11/18/1997	U	0.0096	Alpha-BHC	BBF4	11/18/1997	U	0.0096	Alpha-BHC
BBF4	11/18/1997	U	0.019	Beta-BHC	BBF4	11/18/1997	U	0.019	Beta-BHC
BBF4	11/18/1997	U	0.0096	Delta-BHC	BBF4	11/18/1997	U	0.0096	Delta-BHC
BBF4	11/18/1997	U	0.0096	Gamma-BHC	BBF4	11/18/1997	U	0.0096	Gamma-BHC

Station ID	Date	LabCode	Value (ug/l)	Parameter	Station ID	Date	LabCode	Value (ug/l)	Parameter
BBF4	11/18/1997	U	0.096	Chlordane	BBF4	11/18/1997	U	0.096	Chlordane
BBF4	11/18/1997	U	0.019	Chlorothalonil	BBF4	11/18/1997	U	0.019	Chlorothalonil
BBF4	11/18/1997	U	0.019	DDD-p.p'	BBF4	11/18/1997	U	0.019	DDD-p.p'
BBF4	11/18/1997	U	0.019	DDE-p.p'	BBF4	11/18/1997	U	0.019	DDE-p.p'
BBF4	11/18/1997	U	0.019	DDT-p.p'	BBF4	11/18/1997	U	0.019	DDT-p.p'
BBF4	11/18/1997	U	0.019	Dieldrin	BBF4	11/18/1997	U	0.019	Dieldrin
BBF4	11/18/1997	U	0.0096	Endosulfan I	BBF4	11/18/1997	U	0.0096	Endosulfan I
BBF4	11/18/1997	U	0.0096	Endosulfan II	BBF4	11/18/1997	U	0.0096	Endosulfan II
BBF4	11/18/1997	U	0.019	Endosulfan Sulfate	BBF4	11/18/1997	U	0.019	Endosulfan Sulfate
BBF4	11/18/1997	U	0.048	Pendimethalin	BBF4	11/18/1997	U	0.048	Pendimethalin
BBF4	11/18/1997	U	0.019	Trifluralin/Benfluralin	BBF4	11/18/1997	U	0.019	Trifluralin/Benfluralin
BBF4	11/18/1997	U		Oxadiazon	BBF4	11/18/1997	U		Oxadiazon
BBF4	11/18/1997	U	0.29	Alachlor	BBF4	11/18/1997	U	0.29	Alachlor
BBF4	11/18/1997	U	0.048	Ametryn	BBF4	11/18/1997	U	0.048	Ametryn
BBF4	11/18/1997	U	0.048	Atrazine	BBF4	11/18/1997	U	0.048	Atrazine
BBF4	11/18/1997	U	0.19	Azinphos Methyl	BBF4	11/18/1997	U	0.19	Azinphos Methyl
BBF4	11/18/1997	U	0.29	Bromacil	BBF4	11/18/1997	U	0.29	Bromacil
BBF4	11/18/1997	U	0.096	Butylate	BBF4	11/18/1997	U	0.096	Butylate
BBF4	11/18/1997	U	0.096	Chlorpyrifos Ethyl	BBF4	11/18/1997	U	0.096	Chlorpyrifos Ethyl
BBF4	11/18/1997	U	0.096	Chlorpyrifos Methyl	BBF4	11/18/1997	U	0.096	Chlorpyrifos Methyl
BBF4	11/18/1997	U	0.096	Diazinon	BBF4	11/18/1997	U	0.096	Diazinon
BBF4	11/18/1997	U	0.048	Ethion	BBF4	11/18/1997	U	0.048	Ethion
BBF4	11/18/1997	U	0.096	Ethoprop	BBF4	11/18/1997	U	0.096	Ethoprop
BBF4	11/18/1997	U	0.29	Fenamiphos	BBF4	11/18/1997	U	0.29	Fenamiphos
BBF4	11/18/1997	U	0.096	Fonofos	BBF4	11/18/1997	U	0.096	Fonofos
BBF4	11/18/1997	U	0.14	Malathion	BBF4	11/18/1997	U	0.14	Malathion
BBF4	11/18/1997	U	0.58	Metalaxyl	BBF4	11/18/1997	U	0.58	Metalaxyl
BBF4	11/18/1997	U	0.48	Metolachlor	BBF4	11/18/1997	U	0.48	Metolachlor
BBF4	11/18/1997	U	0.19	Metribuzin	BBF4	11/18/1997	U	0.19	Metribuzin
BBF4	11/18/1997	U	0.24	Mevinphos	BBF4	11/18/1997	U	0.24	Mevinphos
BBF4	11/18/1997	U	0.77	Naled	BBF4	11/18/1997	U	0.77	Naled
BBF4	11/18/1997	U	0.096	Parathion Methyl	BBF4	11/18/1997	U	0.096	Parathion Methyl
BBF4	11/18/1997	U	0.096	Parathion Ethyl	BBF4	11/18/1997	U	0.096	Parathion Ethyl
BBF4	11/18/1997	U	0.096	Phorate	BBF4	11/18/1997	U	0.096	Phorate
BBF4	11/18/1997	U	0.096	Prometryn	BBF4	11/18/1997	U	0.096	Prometryn
BBF4	11/18/1997	U	0.048	Simazine	BBF4	11/18/1997	U	0.048	Simazine

BBF4	11/18/1997	U	0.29	Prodiamine	BBF4	11/18/1997	U	0.29	Prodiamine
BBF2	11/18/1997	U	0.0094	Aldrin	BBF2	11/18/1997	U	0.0096	Aldrin
BBF2	11/18/1997	U	0.0094	Alpha-BHC	BBF2	11/18/1997	U	0.0096	Alpha-BHC
BBF2	11/18/1997	U	0.019	Beta-BHC	BBF2	11/18/1997	U	0.019	Beta-BHC
BBF2	11/18/1997	U	0.0094	Delta-BHC	BBF2	11/18/1997	U	0.0096	Delta-BHC
BBF2	11/18/1997	U	0.0094	Gamma-BHC	BBF2	11/18/1997	U	0.0096	Gamma-BHC
BBF2	11/18/1997	U	0.094	Chlordane	BBF2	11/18/1997	U	0.096	Chlordane
BBF2	11/18/1997	U	0.019	Chlorothalonil	BBF2	11/18/1997	U	0.019	Chlorothalonil
BBF2	11/18/1997	U	0.019	DDD-p,p'	BBF2	11/18/1997	U	0.019	DDD-p,p'
BBF2	11/18/1997	U	0.019	DDE-p,p'	BBF2	11/18/1997	U	0.019	DDE-p,p'
BBF2	11/18/1997	U	0.019	DDT-p,p'	BBF2	11/18/1997	U	0.019	DDT-p,p'
BBF2	11/18/1997	U	0.019	Dieldrin	BBF2	11/18/1997	U	0.019	Dieldrin
BBF2	11/18/1997	U	0.0094	Endosulfan I	BBF2	11/18/1997	U	0.0096	Endosulfan I
BBF2	11/18/1997	U	0.0094	Endosulfan II	BBF2	11/18/1997	U	0.0096	Endosulfan II
BBF2	11/18/1997	U	0.019	Endosulfan Sulfate	BBF2	11/18/1997	U	0.019	Endosulfan Sulfate
BBF2	11/18/1997	U	0.047	Pendimethalin	BBF2	11/18/1997	U	0.048	Pendimethalin
BBF2	11/18/1997	U	0.019	Trifluralin/Benfluralin	BBF2	11/18/1997	U	0.019	Trifluralin/Benfluralin
BBF2	11/18/1997	U		Oxadiazon	BBF2	11/18/1997	U		Oxadiazon
BBF2	11/18/1997	U	0.28	Alachlor	BBF2	11/18/1997	U	0.29	Alachlor
BBF2	11/18/1997	U	0.047	Ametryn	BBF2	11/18/1997	U	0.048	Ametryn
BBF2	11/18/1997	U	0.047	Atrazine	BBF2	11/18/1997	U	0.048	Atrazine
BBF2	11/18/1997	U	0.19	Azinphos Methyl	BBF2	11/18/1997	U	0.19	Azinphos Methyl
BBF2	11/18/1997	U	0.28	Bromacil	BBF2	11/18/1997	U	0.29	Bromacil
BBF2	11/18/1997	U	0.094	Butylate	BBF2	11/18/1997	U	0.096	Butylate
BBF2	11/18/1997	U	0.094	Chlorpyrifos Ethyl	BBF2	11/18/1997	U	0.096	Chlorpyrifos Ethyl
BBF2	11/18/1997	U	0.094	Chlorpyrifos Methyl	BBF2	11/18/1997	U	0.096	Chlorpyrifos Methyl
BBF2	11/18/1997	U	0.094	Diazinon	BBF2	11/18/1997	U	0.096	Diazinon
BBF2	11/18/1997	U	0.047	Ethion	BBF2	11/18/1997	U	0.048	Ethion
BBF2	11/18/1997	U	0.094	Ethoprop	BBF2	11/18/1997	U	0.096	Ethoprop
BBF2	11/18/1997	U	0.28	Fenamiphos	BBF2	11/18/1997	U	0.29	Fenamiphos
BBF2	11/18/1997	U	0.094	Fonofos	BBF2	11/18/1997	U	0.096	Fonofos
BBF2	11/18/1997	U	0.14	Malathion	BBF2	11/18/1997	U	0.14	Malathion
BBF2	11/18/1997	U	0.57	Metalaxyl	BBF2	11/18/1997	U	0.58	Metalaxyl
BBF2	11/18/1997	U	0.47	Metolachlor	BBF2	11/18/1997	U	0.48	Metolachlor
BBF2	11/18/1997	U	0.19	Metribuzin	BBF2	11/18/1997	U	0.19	Metribuzin
BBF2	11/18/1997	U	0.24	Mevinphos	BBF2	11/18/1997	U	0.24	Mevinphos
BBF2	11/18/1997	U	0.75	Naled	BBF2	11/18/1997	U	0.77	Naled
BBF2	11/18/1997	U	0.094	Parathion Methyl	BBF2	11/18/1997	U	0.096	Parathion Methyl

Station ID	Date	LabCode	Value (ug/l)	Parameter	Station ID	Date	LabCode	Value (ug/l)	Parameter
BBF2	11/18/1997	U	0.094	Parathion Ethyl	BBF2	11/18/1997	U	0.096	Parathion Ethyl
BBF2	11/18/1997	U	0.094	Phorate	BBF2	11/18/1997	U	0.096	Phorate
BBF2	11/18/1997	U	0.094	Prometryn	BBF2	11/18/1997	U	0.096	Prometryn
BBF2	11/18/1997	U	0.047	Simazine	BBF2	11/18/1997	U	0.048	Simazine
BBF2	11/18/1997	U	0.29	Prodiamine	BBF2	11/18/1997	U	0.29	Prodiamine
BBML	11/18/1997	U	0.0095	Aldrin	BBML	11/18/1997	U	0.0095	Aldrin
BBML	11/18/1997	U	0.0095	Alpha-BHC	BBML	11/18/1997	U	0.0095	Alpha-BHC
BBML	11/18/1997	U	0.019	Beta-BHC	BBML	11/18/1997	U	0.019	Beta-BHC
BBML	11/18/1997	U	0.0095	Delta-BHC	BBML	11/18/1997	U	0.0095	Delta-BHC
BBML	11/18/1997	U	0.0095	Gamma-BHC	BBML	11/18/1997	U	0.0095	Gamma-BHC
BBML	11/18/1997	U	0.095	Chlordane	BBML	11/18/1997	U	0.095	Chlordane
BBML	11/18/1997		0.25	Chlorothalonil	BBML	11/18/1997	U	0.019	Chlorothalonil
BBML	11/18/1997	U	0.019	DDD-p.p'	BBML	11/18/1997	U	0.019	DDD-p.p'
BBML	11/18/1997	U	0.019	DDE-p.p'	BBML	11/18/1997	U	0.019	DDE-p.p'
BBML	11/18/1997	U	0.019	DDT-p.p'	BBML	11/18/1997	U	0.019	DDT-p.p'
BBML	11/18/1997	U	0.019	Dieldrin	BBML	11/18/1997	U	0.019	Dieldrin
BBML	11/18/1997	U	0.0095	Endosulfan I	BBML	11/18/1997	U	0.0095	Endosulfan I
BBML	11/18/1997	U	0.0095	Endosulfan II	BBML	11/18/1997	U	0.0095	Endosulfan II
BBML	11/18/1997	U	0.019	Endosulfan Sulfate	BBML	11/18/1997	U	0.019	Endosulfan Sulfate
BBML	11/18/1997	U	0.048	Pendimethalin	BBML	11/18/1997	U	0.048	Pendimethalin
BBML	11/18/1997	U	0.019	Trifluralin/Benfluralin	BBML	11/18/1997	U	0.019	Trifluralin/Benfluralin
BBML	11/18/1997	U		Oxadiazon	BBML	11/18/1997	U		Oxadiazon
BBML	11/18/1997	U	0.29	Alachlor	BBML	11/18/1997	U	0.29	Alachlor
BBML	11/18/1997	U	0.048	Ametryn	BBML	11/18/1997	U	0.048	Ametryn
BBML	11/18/1997	U	0.048	Atrazine	BBML	11/18/1997	U	0.048	Atrazine
BBML	11/18/1997	U	0.19	Azinphos Methyl	BBML	11/18/1997	U	0.19	Azinphos Methyl
BBML	11/18/1997	U	0.29	Bromacil	BBML	11/18/1997	U	0.29	Bromacil
BBML	11/18/1997	U	0.095	Butylate	BBML	11/18/1997	U	0.095	Butylate
BBML	11/18/1997	U	0.095	Chlorpyrifos Ethyl	BBML	11/18/1997	U	0.095	Chlorpyrifos Ethyl
BBML	11/18/1997	U	0.095	Chlorpyrifos Methyl	BBML	11/18/1997	U	0.095	Chlorpyrifos Methyl
BBML	11/18/1997	U	0.095	Diazinon	BBML	11/18/1997	U	0.095	Diazinon
BBML	11/18/1997	U	0.048	Ethion	BBML	11/18/1997	U	0.048	Ethion
BBML	11/18/1997	U	0.095	Ethoprop	BBML	11/18/1997	U	0.095	Ethoprop
BBML	11/18/1997	U	0.29	Fenamiphos	BBML	11/18/1997	U	0.29	Fenamiphos
BBML	11/18/1997	U	0.095	Fonofos	BBML	11/18/1997	U	0.095	Fonofos
BBML	11/18/1997	U	0.14	Malathion	BBML	11/18/1997	U	0.14	Malathion
BBML	11/18/1997	U	0.57	Metalaxyl	BBML	11/18/1997	U	0.57	Metalaxyl

Station ID	Date	LabCode	Value (ug/l)	Parameter
BBML	11/18/1997	U	0.48	Metolachlor
BBML	11/18/1997	U	0.19	Metribuzin
BBML	11/18/1997	U	0.24	Mevinphos
BBML	11/18/1997	U	0.76	Naled
BBML	11/18/1997	U	0.095	Parathion Methyl
BBML	11/18/1997	U	0.095	Parathion Ethyl
BBML	11/18/1997	U	0.095	Phorate
BBML	11/18/1997	U	0.095	Prometryn
BBML	11/18/1997	U	0.048	Simazine
BBML	11/18/1997	U	0.29	Prodiamine

StationID	Date	Value	ParamID	Lab
KBF14	2/26/1997	1175	Conductivity	Hydrolab
KBML	2/26/1997	1155	Conductivity	Hydrolab
KBT18	2/26/1997	1182	Conductivity	Hydrolab
KBF14	2/26/1997	0.16	Dissolved Oxygen	Hydrolab
KBML	2/26/1997	0.62	Dissolved Oxygen	Hydrolab
KBT18	2/26/1997	0.2	Oxygen	Hydrolab
KBF14	2/26/1997	7.13	pH	Hydrolab
KBML	2/26/1997	6.98	pH	Hydrolab
KBT18	2/26/1997	6.97	pH	Hydrolab
KBF14	2/26/1997	-67	Redox	Hydrolab
KBML	2/26/1997	-55	Redox	Hydrolab
KBT18	2/26/1997	-87	Redox	Hydrolab
KBF14	2/26/1997	na	Salinity	Hydrolab
KBML	2/26/1997	na	Salinity	Hydrolab
KBT18	2/26/1997	na	Salinity	Hydrolab
KBF14	2/26/1997	24.52	Temp	Hydrolab
KBML	2/26/1997	25.34	Temp	Hydrolab
KBT18	2/26/1997	25.69	Temp	Hydrolab
KBF14	5/12/1997	855	Conductivity	Hydrolab
KBT18	5/12/1997	1339	Conductivity	Hydrolab
KBML	5/13/1997	1667	Conductivity	Hydrolab
KBF14	5/12/1997	0.18	Dissolved Oxygen	Hydrolab
KBT18	5/12/1997	0.16	Dissolved Oxygen	Hydrolab
KBML	5/13/1997	0.24	Oxygen	Hydrolab
KBF14	5/12/1997	6.97	pH	Hydrolab
KBT18	5/12/1997	6.89	pH	Hydrolab
KBML	5/13/1997	6.62	pH	Hydrolab
KBF14	5/12/1997	-71	Redox	Hydrolab

Station ID	Date	LabCode	Value (ug/l)	Parameter
BBML	11/18/1997	U	0.48	Metolachlor
BBML	11/18/1997	U	0.19	Metribuzin
BBML	11/18/1997	U	0.24	Mevinphos
BBML	11/18/1997	U	0.76	Naled
BBML	11/18/1997	U	0.095	Parathion Methyl
BBML	11/18/1997	U	0.095	Parathion Ethyl
BBML	11/18/1997	U	0.095	Phorate
BBML	11/18/1997	U	0.095	Prometryn
BBML	11/18/1997	U	0.048	Simazine
BBML	11/18/1997	U	0.29	Prodiamine

StationID	Date	Value	ParamID	Lab
KBF14	2/26/1997	1484	Conductivity	Hydrolab
KBML	2/26/1997	2492	Conductivity	Hydrolab
KBT18	2/26/1997	na	Conductivity	Hydrolab
KBF14	2/26/1997	0.26	Dissolved Oxygen	Hydrolab
KBML	2/26/1997	0.42	Dissolved Oxygen	Hydrolab
KBT18	2/26/1997	0.13	Oxygen	Hydrolab
KBF14	2/26/1997	7.04	pH	Hydrolab
KBML	2/26/1997	6.7	pH	Hydrolab
KBT18	2/26/1997	6.92	pH	Hydrolab
KBF14	2/26/1997	-98	Redox	Hydrolab
KBML	2/26/1997	-95	Redox	Hydrolab
KBT18	2/26/1997	-125	Redox	Hydrolab
KBF14	2/26/1997	na	Salinity	Hydrolab
KBML	2/26/1997	na	Salinity	Hydrolab
KBT18	2/26/1997	na	Salinity	Hydrolab
KBF14	2/26/1997	25.71	Temp	Hydrolab
KBML	2/26/1997	26.81	Temp	Hydrolab
KBT18	2/26/1997	26.71	Temp	Hydrolab
KBF14	5/12/1997	1459	Conductivity	Hydrolab
KBT18	5/12/1997	15904	Conductivity	Hydrolab
KBML	5/13/1997	2386	Conductivity	Hydrolab
KBF14	5/12/1997	0.17	Dissolved Oxygen	Hydrolab
KBT18	5/12/1997	0.15	Dissolved Oxygen	Hydrolab
KBML	5/13/1997	0.22	Oxygen	Hydrolab
KBF14	5/12/1997	6.78	pH	Hydrolab
KBT18	5/12/1997	6.83	pH	Hydrolab
KBML	5/13/1997	6.56	pH	Hydrolab
KBF14	5/12/1997	-118	Redox	Hydrolab

StationID	Date	Value	ParamID	Lab	StationID	Date	Value	ParamID	Lab
KBT18	5/12/1997	-30	Redox	Hydrolab	KBT18	5/12/1997	-148	Redox	Hydrolab
KBML	5/13/1997	113	Redox	Hydrolab	KBML	5/13/1997	-77	Redox	Hydrolab
KBF14	5/12/1997	0.4	Salinity	Hydrolab	KBF14	5/12/1997	0.8	Salinity	Hydrolab
KBT18	5/12/1997	0.9	Salinity	Hydrolab	KBT18	5/12/1997	na	Salinity	Hydrolab
KBML	5/13/1997	0.9	Salinity	Hydrolab	KBML	5/13/1997	1.3	Salinity	Hydrolab
KBF14	5/12/1997	27.1	Temp	Hydrolab	KBF14	5/12/1997	27.02	Temp	Hydrolab
KBT18	5/12/1997	27.37	Temp	Hydrolab	KBT18	5/12/1997	26.46	Temp	Hydrolab
KBML	5/13/1997	27.27	Temp	Hydrolab	KBML	5/13/1997	27.13	Temp	Hydrolab
KBF14	8/18/1997	993	Conductivity	Hydrolab	KBF14	8/18/1997	1233	Conductivity	Hydrolab
KBML	8/18/1997	1010	Conductivity	Hydrolab	KBML	8/18/1997	2143	Conductivity	Hydrolab
KBT18	8/18/1997	878	Conductivity	Hydrolab	KBT18	8/18/1997	10820	Conductivity	Hydrolab
KBF14	8/18/1997	0.23	Dissolved Oxygen	Hydrolab	KBF14	8/18/1997	0.17	Dissolved Oxygen	Hydrolab
KBML	8/18/1997	0.2	Dissolved Oxygen	Hydrolab	KBML	8/18/1997	0.27	Dissolved Oxygen	Hydrolab
KBT18	8/18/1997	0.22	Oxygen	Hydrolab	KBT18	8/18/1997	0.17	Oxygen	Hydrolab
KBF14	8/18/1997	7.12	pH	Hydrolab	KBF14	8/18/1997	7.01	pH	Hydrolab
KBML	8/18/1997	6.75	pH	Hydrolab	KBML	8/18/1997	6.8	pH	Hydrolab
KBT18	8/18/1997	6.86	pH	Hydrolab	KBT18	8/18/1997	7	pH	Hydrolab
KBF14	8/18/1997	-117	Redox	Hydrolab	KBF14	8/18/1997	-293	Redox	Hydrolab
KBML	8/18/1997	-251	Redox	Hydrolab	KBML	8/18/1997	-257	Redox	Hydrolab
KBT18	8/18/1997	-161	Redox	Hydrolab	KBT18	8/18/1997	-277	Redox	Hydrolab
KBF14	8/18/1997	0.5	Salinity	Hydrolab	KBF14	8/18/1997	0.7	Salinity	Hydrolab
KBML	8/18/1997	0.5	Salinity	Hydrolab	KBML	8/18/1997	1.1	Salinity	Hydrolab
KBT18	8/18/1997	0.5	Salinity	Hydrolab	KBT18	8/18/1997	6.1	Salinity	Hydrolab
KBF14	8/18/1997	29.61	Temperature	Hydrolab	KBF14	8/18/1997	28.71	Temperature	Hydrolab
KBML	8/18/1997	29.54	Temperature	Hydrolab	KBML	8/18/1997	27.94	Temperature	Hydrolab
KBT18	8/18/1997	30.18	Temperature	Hydrolab	KBT18	8/18/1997	28.14	Temperature	Hydrolab
KBF14	11/17/1997	808	Conductivity	Hydrolab	KBF14	11/17/1997	1275	Conductivity	Hydrolab
KBML	11/17/1997	1047	Conductivity	Hydrolab	KBML	11/17/1997	2241	Conductivity	Hydrolab
KBT18	11/17/1997	955	Conductivity	Hydrolab	KBT18	11/17/1997	**4950***	Conductivity	Hydrolab
KBF14	11/17/1997	0.25	Dissolved Oxygen	Hydrolab	KBF14	11/17/1997	0.22	Dissolved Oxygen	Hydrolab
KBML	11/17/1997	0.52	Dissolved Oxygen	Hydrolab	KBML	11/17/1997	0.18	Dissolved Oxygen	Hydrolab
KBT18	11/17/1997	0.59	Dissolved Oxygen	Hydrolab	KBT18	11/17/1997	0.18	Dissolved Oxygen	Hydrolab
KBF14	11/17/1997	6.88	pH	Hydrolab	KBF14	11/17/1997	6.86	pH	Hydrolab
KBML	11/17/1997	6.68	pH	Hydrolab	KBML	11/17/1997	6.52	pH	Hydrolab
KBT18	11/17/1997	6.78	pH	Hydrolab	KBT18	11/17/1997	6.99	pH	Hydrolab
KBF14	11/17/1997	-39	Redox	Hydrolab	KBF14	11/17/1997	-105	Redox	Hydrolab
KBML	11/17/1997	56	Redox	Hydrolab	KBML	11/17/1997	-78	Redox	Hydrolab
KBT18	11/17/1997	-33	Redox	Hydrolab	KBT18	11/17/1997	-92	Redox	Hydrolab
KBF14	11/17/1997	0.4	Salinity	Hydrolab	KBF14	11/17/1997	0.7	Salinity	Hydrolab
KBML	11/17/1997	0.6	Salinity	Hydrolab	KBML	11/17/1997	1.2	Salinity	Hydrolab
KBT18	11/17/1997	0.5	Salinity	Hydrolab	KBT18	11/17/1997	**2.07***	Salinity	Hydrolab

StationID	Date	Value (mg/l)	ParamID	Lab	StationID	Date	Value (mg/l)	ParamID	Lab
KBF14	11/17/1997	26.24	Temperature	Hydrolab	KBF14	11/17/1997	25.77	Temperature	Hydrolab
KBML	11/17/1997	25.35	Temperature	Hydrolab	KBML	11/17/1997	26.84	Temperature	Hydrolab
KBT18	11/17/1997	26.34	Temperature	Hydrolab	KBT18	11/17/1997	26.55	Temperature	Hydrolab
KBF14	2/27/1997	8.28	NOX-N	DERM	KBF14	2/27/1997	0.01(U)	NOX-N	DERM
KBML	2/27/1997	4.95	NOX-N	DERM	KBML	2/27/1997	0.01(U)	NOX-N	DERM
KBT18	2/27/1997	0.05	NOX-N	DERM	KBT18	2/27/1997	0.01(U)	NOX-N	DERM
KBT18	5/12/1997	1.6	NOX-N	PBS&J	KBT18	5/12/1997	0.05	NOX-N	PBS&J
KBF14	5/12/1997	0.02(I)	NOX-N	PBS&J	KBF14	5/12/1997	0.03(I)	NOX-N	PBS&J
KBML	5/13/1997	49.5	NOX-N	PBS&J	KBML	5/13/1997	0.05(I)	NOX-N	PBS&J
KBT18	8/18/1997	ls	NOX-N	PBS&J	KBT18	8/18/1997	ls	NOX-N	PBS&J
KBF14	8/18/1997	ls	NOX-N	PBS&J	KBF14	8/18/1997	ls	NOX-N	PBS&J
KBML	8/18/1997	ls	NOX-N	PBS&J	KBML	8/18/1997	ls	NOX-N	PBS&J
KBML	11/17/1997	17.7	NOX-N	PBS&J	KBML	11/17/1997	0.05	NOX-N	PBS&J
KBF14	11/17/1997	0.01(I)	NOX-N	PBS&J	KBF14	11/17/1997	0.01(U)	NOX-N	PBS&J
KBT18	11/17/1997	1.81	NOX-N	PBS&J	KBT18	11/17/1997	0.01(U)	NOX-N	PBS&J
KBF14	2/27/1997	0.102	TPO4	DERM	KBF14	2/27/1997	0.023	TPO4	DERM
KBML	2/27/1997	0.228	TPO4	DERM	KBML	2/27/1997	0.06	TPO4	DERM
KBT18	2/27/1997	0.203	TPO4	DERM	KBT18	2/27/1997	0.069	TPO4	DERM
KBF14	5/12/1997	0.02(I)	TPO4	PBS&J	KBF14	5/12/1997	0.06(I)	TPO4	PBS&J
KBT18	5/12/1997	0.04(I)	TPO4	PBS&J	KBT18	5/12/1997	0.05	TPO4	PBS&J
KBML	5/13/1997	0.06(I)	TPO4	PBS&J	KBML	5/13/1997	0.07(I)	TPO4	PBS&J
KBF14	8/18/1997	ls	TPO4	PBS&J	KBF14	8/18/1997	ls	TPO4	PBS&J
KBT18	8/18/1997	ls	TPO4	PBS&J	KBT18	8/18/1997	ls	TPO4	PBS&J
KBML	8/18/1997	ls	TPO4	PBS&J	KBML	8/18/1997	ls	TPO4	PBS&J
KBF14	11/17/1997	0.03(I)	TPO4	PBS&J	KBF14	11/17/1997	0.02(U)	TPO4	PBS&J
KBML	11/17/1997	0.07(I)	TPO4	PBS&J	KBML	11/17/1997	0.06(I)	TPO4	PBS&J
KBT18	11/17/1997	0.02(I)	TPO4	PBS&J	KBT18	11/17/1997	0.05(I)	TPO4	PBS&J
KBF14	2/26/1997	na	30	Arsenic	KBF14	2/26/1997	NA	2(U)	Arsenic
KBF14	5/12/1997	33.4	28.9(A)	Arsenic	KBF14	5/12/1997	2(U)	2(U)	Arsenic
KBF14	8/18/1997	11.9	22	Arsenic	KBF14	8/18/1997	2(U)	2(U)	Arsenic
KBF14	11/17/1997	19.5	13.5	Arsenic	KBF14	11/17/1997	2(U)	2(U)	Arsenic
KBML	2/26/1997	na	32(J)	Arsenic	KBML	2/26/1997	NA	2(U)	Arsenic
KBML	5/13/1997	13.9	20.1	Arsenic	KBML	5/13/1997	2(U)	2(I)	Arsenic
KBML	8/18/1997	435	392	Arsenic	KBML	8/18/1997	2(U)	2(U)	Arsenic
KBML	11/17/1997	26.9	22.3	Arsenic	KBML	11/17/1997	2(U)	2(U)	Arsenic
KBT18	2/26/1997	na	44(J)	Arsenic	KBT18	2/26/1997	NA	3(I)	Arsenic
KBT18	5/13/1997	55.6	80.5	Arsenic	KBT18	5/12/1997	7	11.3	Arsenic
KBT18	8/18/1997	109	92	Arsenic	KBT18	8/18/1997	10	10(U)	Arsenic
KBT18	11/17/1997	146.8	112	Arsenic	KBT18	11/17/1997	2(U)	10.7	Arsenic
Station ID	Date	LabCode	Value (ug/l)	Parameter	Station ID	Date	LabCode	Value (ug/l)	Parameter
KBF14	2/26/1997	U	0.29	Alachlor	KBF14	2/26/1997	U	0.28	Alachlor
KBF14	2/26/1997	U	0.048	Ametryn	KBF14	2/26/1997	U	0.047	Ametryn
KBF14	2/26/1997	U	0.048	Atrazine	KBF14	2/26/1997	U	0.047	Atrazine
KBF14	2/26/1997	U	0.19	Azinphos Methyl	KBF14	2/26/1997	U	0.19	Azinphos Methyl
KBF14	2/26/1997	U	0.29	Bromacil	KBF14	2/26/1997	U	0.28	Bromacil
KBF14	2/26/1997	U	0.096	Butylate	KBF14	2/26/1997	U	0.094	Butylate
KBF14	2/26/1997	U	0.096	Chlorpyrifos Methyl	KBF14	2/26/1997	U	0.094	Chlorpyrifos Methyl

Station ID	Date	LabCode	Value (ug/l)	Parameter	Station ID	Date	LabCode	Value (ug/l)	Parameter
KBF14	2/26/1997	U	0.096	Diazinon	KBF14	2/26/1997	U	0.094	Diazinon
KBF14	2/26/1997	U	0.048	Ethion	KBF14	2/26/1997	U	0.047	Ethion
KBF14	2/26/1997	U	0.096	Ethoprop	KBF14	2/26/1997	U	0.094	Ethoprop
KBF14	2/26/1997	U	0.29	Fenamiphos	KBF14	2/26/1997	U	0.28	Fenamiphos
KBF14	2/26/1997	U	0.096	Fonofos	KBF14	2/26/1997	U	0.094	Fonofos
KBF14	2/26/1997	U	0.14	Malathion	KBF14	2/26/1997	U	0.14	Malathion
KBF14	2/26/1997	U	0.58	Metalaxyl	KBF14	2/26/1997	U	0.57	Metalaxyl
KBF14	2/26/1997	U	0.48	Metolachlor	KBF14	2/26/1997	U	0.47	Metolachlor
KBF14	2/26/1997	U	0.19	Metribuzin	KBF14	2/26/1997	U	0.19	Metribuzin
KBF14	2/26/1997	U	0.24	Mevinphos	KBF14	2/26/1997	U	0.24	Mevinphos
KBF14	2/26/1997	U	0.77	Naled	KBF14	2/26/1997	U	0.75	Naled
KBF14	2/26/1997	U	0.096	Parathion Methyl	KBF14	2/26/1997	U	0.094	Parathion Methyl
KBF14	2/26/1997	U	0.096	Parathion Ethyl	KBF14	2/26/1997	U	0.094	Parathion Ethyl
KBF14	2/26/1997	U	0.096	Phorate	KBF14	2/26/1997	U	0.094	Phorate
KBF14	2/26/1997	U	0.096	Prometryn	KBF14	2/26/1997	U	0.094	Prometryn
KBF14	2/26/1997	U	0.048	Simazine	KBF14	2/26/1997	U	0.047	Simazine
KBF14	2/26/1997	U	0.24	Prodiamine	KBF14	2/26/1997	U	0.24	Prodiamine
KBT18	2/26/1997	U	0.29	Alachlor	KBT18	2/26/1997	U	0.28	Alachlor
KBT18	2/26/1997	U	0.048	Ametryn	KBT18	2/26/1997	U	0.047	Ametryn
KBT18	2/26/1997	U	0.048	Atrazine	KBT18	2/26/1997	U	0.047	Atrazine
KBT18	2/26/1997	U	0.19	Azinphos Methyl	KBT18	2/26/1997	U	0.19	Azinphos Methyl
KBT18	2/26/1997	U	0.29	Bromacil	KBT18	2/26/1997	U	0.28	Bromacil
KBT18	2/26/1997	U	0.095	Butylate	KBT18	2/26/1997	U	0.094	Butylate
KBT18	2/26/1997	U	0.095	Chlorpyrifos Ethyl	KBT18	2/26/1997	U	0.094	Chlorpyrifos Ethyl
KBT18	2/26/1997	U	0.095	Chlorpyrifos Methyl	KBT18	2/26/1997	U	0.094	Chlorpyrifos Methyl
KBT18	2/26/1997	U	0.095	Diazinon	KBT18	2/26/1997	U	0.094	Diazinon
KBT18	2/26/1997	U	0.048	Ethion	KBT18	2/26/1997	U	0.047	Ethion
KBT18	2/26/1997	U	0.095	Ethoprop	KBT18	2/26/1997	U	0.094	Ethoprop
KBT18	2/26/1997	U	0.29	Fenamiphos	KBT18	2/26/1997	U	0.28	Fenamiphos
KBT18	2/26/1997	U	0.095	Fonofos	KBT18	2/26/1997	U	0.094	Fonofos
KBT18	2/26/1997	U	0.14	Malathion	KBT18	2/26/1997	U	0.14	Malathion
KBT18	2/26/1997	U	0.57	Metalaxyl	KBT18	2/26/1997	U	0.57	Metalaxyl
KBT18	2/26/1997	U	0.48	Metolachlor	KBT18	2/26/1997	U	0.47	Metolachlor
KBT18	2/26/1997	U	0.19	Metribuzin	KBT18	2/26/1997	U	0.19	Metribuzin
KBT18	2/26/1997	U	0.24	Mevinphos	KBT18	2/26/1997	U	0.24	Mevinphos
KBT18	2/26/1997	U	0.76	Naled	KBT18	2/26/1997	U	0.75	Naled
KBT18	2/26/1997	U	0.095	Parathion Methyl	KBT18	2/26/1997	U	0.094	Parathion Methyl
KBT18	2/26/1997	U	0.095	Parathion Ethyl	KBT18	2/26/1997	U	0.094	Parathion Ethyl
KBT18	2/26/1997	U	0.095	Phorate	KBT18	2/26/1997	U	0.094	Phorate
KBT18	2/26/1997	U	0.095	Prometryn	KBT18	2/26/1997	U	0.094	Prometryn
KBT18	2/26/1997	U	0.048	Simazine	KBT18	2/26/1997	U	0.047	Simazine
KBT18	2/26/1997	U	0.24	Prodiamine	KBT18	2/26/1997	U	0.24	Prodiamine
KBML	2/26/1997	U	0.29	Alachlor	KBML	2/26/1997	U	0.28	Alachlor
KBML	2/26/1997	U	0.048	Ametryn	KBML	2/26/1997	U	0.047	Ametryn

Station ID	Date	LabCode	Value (ug/l)	Parameter	Station ID	Date	LabCode	Value (ug/l)	Parameter
KBML	2/26/1997	U	0.048	Atrazine	KBML	2/26/1997	U	0.047	Atrazine
KBML	2/26/1997	U	0.19	Azinphos Methyl	KBML	2/26/1997	U	0.19	Azinphos Methyl
KBML	2/26/1997	U	0.29	Bromacil	KBML	2/26/1997	U	0.28	Bromacil
KBML	2/26/1997	U	0.095	Butylate	KBML	2/26/1997	U	0.094	Butylate
KBML	2/26/1997	U	0.095	Chlorpyrifos Ethyl	KBML	2/26/1997	U	0.094	Chlorpyrifos Ethyl
KBML	2/26/1997	U	0.095	Chlorpyrifos Methyl	KBML	2/26/1997	U	0.094	Chlorpyrifos Methyl
KBML	2/26/1997	U	0.095	Diazinon	KBML	2/26/1997	U	0.094	Diazinon
KBML	2/26/1997	U	0.048	Ethion	KBML	2/26/1997	U	0.047	Ethion
KBML	2/26/1997	U	0.095	Ethoprop	KBML	2/26/1997	U	0.094	Ethoprop
KBML	2/26/1997	U	0.29	Fenamiphos	KBML	2/26/1997	U	0.28	Fenamiphos
KBML	2/26/1997	U	0.095	Fonofos	KBML	2/26/1997	U	0.094	Fonofos
KBML	2/26/1997	U	0.14	Malathion	KBML	2/26/1997	U	0.14	Malathion
KBML	2/26/1997	U	0.57	Metalaxyl	KBML	2/26/1997	U	0.57	Metalaxyl
KBML	2/26/1997	U	0.48	Metolachlor	KBML	2/26/1997	U	0.47	Metolachlor
KBML	2/26/1997	U	0.19	Metribuzin	KBML	2/26/1997	U	0.19	Metribuzin
KBML	2/26/1997	U	0.24	Mevinphos	KBML	2/26/1997	U	0.24	Mevinphos
KBML	2/26/1997	U	0.76	Naled	KBML	2/26/1997	U	0.75	Naled
KBML	2/26/1997	U	0.095	Parathion Methyl	KBML	2/26/1997	U	0.094	Parathion Methyl
KBML	2/26/1997	U	0.095	Parathion Ethyl	KBML	2/26/1997	U	0.094	Parathion Ethyl
KBML	2/26/1997	U	0.095	Phorate	KBML	2/26/1997	U	0.094	Phorate
KBML	2/26/1997	U	0.095	Prometryn	KBML	2/26/1997	U	0.094	Prometryn
KBML	2/26/1997	U	0.048	Simazine	KBML	2/26/1997	U	0.047	Simazine
KBML	2/26/1997	U	0.24	Prodiamine	KBML	2/26/1997	U	0.24	Prodiamine
KBF14	5/12/1997	U	0.28	Alachlor	KBF14	5/12/1997	U	0.29	Alachlor
KBF14	5/12/1997	U	0.047	Ametryn	KBF14	5/12/1997	U	0.048	Ametryn
KBF14	5/12/1997	U	0.047	Atrazine	KBF14	5/12/1997	U	0.048	Atrazine
KBF14	5/12/1997	U	0.19	Azinphos Methyl	KBF14	5/12/1997	U	0.19	Azinphos Methyl
KBF14	5/12/1997	U	0.28	Bromacil	KBF14	5/12/1997	U	0.29	Bromacil
KBF14	5/12/1997	U	0.094	Butylate	KBF14	5/12/1997	U	0.095	Butylate
KBF14	5/12/1997	U	0.094	Chlorpyrifos Ethyl	KBF14	5/12/1997	U	0.095	Chlorpyrifos Ethyl
KBF14	5/12/1997	U	0.094	Chlorpyrifos Methyl	KBF14	5/12/1997	U	0.095	Chlorpyrifos Methyl
KBF14	5/12/1997	U	0.094	Diazinon	KBF14	5/12/1997	U	0.095	Diazinon
KBF14	5/12/1997	U	0.047	Ethion	KBF14	5/12/1997	U	0.048	Ethion
KBF14	5/12/1997	U	0.094	Ethoprop	KBF14	5/12/1997	U	0.095	Ethoprop
KBF14	5/12/1997	U	0.28	Fenamiphos	KBF14	5/12/1997	U	0.29	Fenamiphos
KBF14	5/12/1997	U	0.094	Fonofos	KBF14	5/12/1997	U	0.095	Fonofos
KBF14	5/12/1997	U	0.14	Malathion	KBF14	5/12/1997	U	0.14	Malathion
KBF14	5/12/1997	U	0.57	Metalaxyl	KBF14	5/12/1997	U	0.57	Metalaxyl
KBF14	5/12/1997	U	0.47	Metolachlor	KBF14	5/12/1997	U	0.48	Metolachlor
KBF14	5/12/1997	U	0.19	Metribuzin	KBF14	5/12/1997	U	0.19	Metribuzin
KBF14	5/12/1997	U	0.24	Mevinphos	KBF14	5/12/1997	U	0.24	Mevinphos
KBF14	5/12/1997	U	0.75	Naled	KBF14	5/12/1997	U	0.76	Naled
KBF14	5/12/1997	U	0.094	Parathion Methyl	KBF14	5/12/1997	U	0.095	Parathion Methyl
KBF14	5/12/1997	U	0.094	Parathion Ethyl	KBF14	5/12/1997	U	0.095	Parathion

Station ID	Date	LabCode	Value (ug/l)	Parameter	Station ID	Date	LabCode	Value (ug/l)	Parameter
KBF14	5/12/1997	U	0.094	Phorate	KBF14	5/12/1997	U	0.095	Phorate
KBF14	5/12/1997	U	0.094	Prometryn	KBF14	5/12/1997	U	0.095	Prometryn
KBF14	5/12/1997	U	0.047	Simazine	KBF14	5/12/1997	U	0.048	Simazine
KBF14	5/12/1997	U	0.28	Prodiamine	KBF14	5/12/1997	U	0.29	Prodiamine
KBML	5/13/1997	U	0.29	Alachlor	KBML	5/13/1997	U	0.29	Alachlor
KBML	5/13/1997	U	0.049	Ametryn	KBML	5/13/1997	U	0.048	Ametryn
KBML	5/13/1997	U	0.049	Atrazine	KBML	5/13/1997	U	0.048	Atrazine
KBML	5/13/1997	U	0.19	Azinphos Methyl	KBML	5/13/1997	U	0.19	Azinphos Methyl
KBML	5/13/1997	U	0.29	Bromacil	KBML	5/13/1997	U	0.29	Bromacil
KBML	5/13/1997	U	0.097	Butylate	KBML	5/13/1997	U	0.096	Butylate
KBML	5/13/1997	U	0.097	Chlorpyrifos Ethyl	KBML	5/13/1997	U	0.096	Chlorpyrifos Ethyl
KBML	5/13/1997	U	0.097	Chlorpyrifos Methyl	KBML	5/13/1997	U	0.096	Chlorpyrifos Methyl
KBML	5/13/1997	U	0.097	Diazinon	KBML	5/13/1997	U	0.096	Diazinon
KBML	5/13/1997	U	0.049	Ethion	KBML	5/13/1997	U	0.048	Ethion
KBML	5/13/1997	U	0.097	Ethoprop	KBML	5/13/1997	U	0.096	Ethoprop
KBML	5/13/1997	U	0.29	Fenamiphos	KBML	5/13/1997	U	0.29	Fenamiphos
KBML	5/13/1997	U	0.097	Fonofos	KBML	5/13/1997	U	0.096	Fonofos
KBML	5/13/1997	U	0.15	Malathion	KBML	5/13/1997	U	0.14	Malathion
KBML	5/13/1997	U	0.58	Metalaxyl	KBML	5/13/1997	U	0.58	Metalaxyl
KBML	5/13/1997	U	0.49	Metolachlor	KBML	5/13/1997	U	0.48	Metolachlor
KBML	5/13/1997	I	0.89	Metribuzin	KBML	5/13/1997	U	0.19	Metribuzin
KBML	5/13/1997	U	0.24	Mevinphos	KBML	5/13/1997	U	0.24	Mevinphos
KBML	5/13/1997	U	0.78	Naled	KBML	5/13/1997	U	0.77	Naled
KBML	5/13/1997	U	0.097	Parathion Methyl	KBML	5/13/1997	U	0.096	Parathion Methyl
KBML	5/13/1997	U	0.097	Parathion Ethyl	KBML	5/13/1997	U	0.096	Parathion Ethyl
KBML	5/13/1997	U	0.097	Phorate	KBML	5/13/1997	U	0.096	Phorate
KBML	5/13/1997	U	0.097	Prometryn	KBML	5/13/1997	U	0.096	Prometryn
KBML	5/13/1997	U	0.049	Simazine	KBML	5/13/1997	U	0.048	Simazine
KBML	5/13/1997	U	0.29	Prodiamine	KBML	5/13/1997	U	0.29	Prodiamine
KBT18	5/12/1997	U	0.29	Alachlor	KBT18	5/12/1997	U	0.29	Alachlor
KBT18	5/12/1997	U	0.048	Ametryn	KBT18	5/12/1997	U	0.048	Ametryn
KBT18	5/12/1997	U	0.048	Atrazine	KBT18	5/12/1997	U	0.048	Atrazine
KBT18	5/12/1997	U	0.19	Azinphos Methyl	KBT18	5/12/1997	U	0.19	Azinphos Methyl
KBT18	5/12/1997	U	0.29	Bromacil	KBT18	5/12/1997	U	0.29	Bromacil
KBT18	5/12/1997	U	0.095	Butylate	KBT18	5/12/1997	U	0.095	Butylate
KBT18	5/12/1997	U	0.095	Chlorpyrifos Ethyl	KBT18	5/12/1997	U	0.095	Chlorpyrifos Ethyl
KBT18	5/12/1997	U	0.095	Chlorpyrifos Methyl	KBT18	5/12/1997	U	0.095	Chlorpyrifos Methyl
KBT18	5/12/1997	U	0.095	Diazinon	KBT18	5/12/1997	U	0.095	Diazinon
KBT18	5/12/1997	U	0.048	Ethion	KBT18	5/12/1997	U	0.048	Ethion
KBT18	5/12/1997	U	0.095	Ethoprop	KBT18	5/12/1997	U	0.095	Ethoprop
KBT18	5/12/1997	U	0.29	Fenamiphos	KBT18	5/12/1997	U	0.29	Fenamiphos
KBT18	5/12/1997	U	0.095	Fonofos	KBT18	5/12/1997	U	0.095	Fonofos
KBT18	5/12/1997	U	0.14	Malathion	KBT18	5/12/1997	U	0.14	Malathion
KBT18	5/12/1997	U	0.57	Metalaxyl	KBT18	5/12/1997	U	0.57	Metalaxyl

Station ID	Date	LabCode	Value (ug/l)	Parameter	Station ID	Date	LabCode	Value (ug/l)	Parameter
KBT18	5/12/1997	U	0.48	Metolachlor	KBT18	5/12/1997	U	0.48	Metolachlor
KBT18	5/12/1997	U	0.19	Metribuzin	KBT18	5/12/1997	U	0.19	Metribuzin
KBT18	5/12/1997	U	0.24	Mevinphos	KBT18	5/12/1997	U	0.24	Mevinphos
KBT18	5/12/1997	U	0.76	Naled	KBT18	5/12/1997	U	0.76	Naled
KBT18	5/12/1997	U	0.095	Parathion Methyl	KBT18	5/12/1997	U	0.095	Parathion Methyl
KBT18	5/12/1997	U	0.095	Parathion Ethyl	KBT18	5/12/1997	U	0.095	Parathion Ethyl
KBT18	5/12/1997	U	0.095	Phorate	KBT18	5/12/1997	U	0.095	Phorate
KBT18	5/12/1997	U	0.095	Prometryn	KBT18	5/12/1997	U	0.095	Prometryn
KBT18	5/12/1997	U	0.048	Simazine	KBT18	5/12/1997	U	0.048	Simazine
KBT18	5/12/1997	U	0.29	Prodiamine	KBT18	5/12/1997	U	0.29	Prodiamine
KBT18	8/18/1997	U	0.29	Alachlor	KBT18	8/18/1997	U	0.28	Alachlor
KBT18	8/18/1997	U	0.048	Ametryn	KBT18	8/18/1997	U	0.047	Ametryn
KBT18	8/18/1997	U	0.048	Atrazine	KBT18	8/18/1997	U	0.047	Atrazine
KBT18	8/18/1997	U	0.19	Azinphos Methyl	KBT18	8/18/1997	U	0.19	Azinphos Methyl
KBT18	8/18/1997	U	0.29	Bromacil	KBT18	8/18/1997	U	0.28	Bromacil
KBT18	8/18/1997	U	0.095	Butylate	KBT18	8/18/1997	U	0.094	Butylate
KBT18	8/18/1997	U	0.095	Chlorpyrifos Ethyl	KBT18	8/18/1997	U	0.094	Chlorpyrifos Ethyl
KBT18	8/18/1997	U	0.095	Chlorpyrifos Methyl	KBT18	8/18/1997	U	0.094	Chlorpyrifos Methyl
KBT18	8/18/1997	U	0.095	Diazinon	KBT18	8/18/1997	U	0.094	Diazinon
KBT18	8/18/1997	U	0.048	Ethion	KBT18	8/18/1997	U	0.047	Ethion
KBT18	8/18/1997	U	0.095	Ethoprop	KBT18	8/18/1997	U	0.094	Ethoprop
KBT18	8/18/1997	U	0.29	Fenamiphos	KBT18	8/18/1997	U	0.28	Fenamiphos
KBT18	8/18/1997	U	0.095	Fonofos	KBT18	8/18/1997	U	0.094	Fonofos
KBT18	8/18/1997	U	0.14	Malathion	KBT18	8/18/1997	U	0.14	Malathion
KBT18	8/18/1997	U	0.57	Metalaxyl	KBT18	8/18/1997	U	0.57	Metalaxyl
KBT18	8/18/1997	U	0.48	Metolachlor	KBT18	8/18/1997	U	0.47	Metolachlor
KBT18	8/18/1997	U	0.19	Metribuzin	KBT18	8/18/1997	U	0.19	Metribuzin
KBT18	8/18/1997	U	0.24	Mevinphos	KBT18	8/18/1997	U	0.24	Mevinphos
KBT18	8/18/1997	U	0.76	Naled	KBT18	8/18/1997	U	0.75	Naled
KBT18	8/18/1997	U	0.095	Parathion Methyl	KBT18	8/18/1997	U	0.094	Parathion Methyl
KBT18	8/18/1997	U	0.095	Parathion Ethyl	KBT18	8/18/1997	U	0.094	Parathion Ethyl
KBT18	8/18/1997	U	0.095	Phorate	KBT18	8/18/1997	U	0.094	Phorate
KBT18	8/18/1997	U	0.095	Prometryn	KBT18	8/18/1997	U	0.094	Prometryn
KBT18	8/18/1997	U	0.048	Simazine	KBT18	8/18/1997	U	0.047	Simazine
KBT18	8/18/1997	U	0.29	Prodiamine	KBT18	8/18/1997	U	0.28	Prodiamine
KBF14	8/18/1997	U	0.29	Alachlor	KBF14	8/18/1997	U	0.29	Alachlor
KBF14	8/18/1997	U	0.048	Ametryn	KBF14	8/18/1997	U	0.049	Ametryn
KBF14	8/18/1997	U	0.048	Atrazine	KBF14	8/18/1997	U	0.049	Atrazine
KBF14	8/18/1997	U	0.19	Azinphos Methyl	KBF14	8/18/1997	U	0.2	Azinphos Methyl
KBF14	8/18/1997	U	0.29	Bromacil	KBF14	8/18/1997	U	0.29	Bromacil
KBF14	8/18/1997	U	0.095	Butylate	KBF14	8/18/1997	U	0.098	Butylate
KBF14	8/18/1997	U	0.095	Chlorpyrifos Ethyl	KBF14	8/18/1997	U	0.098	Chlorpyrifos Ethyl
KBF14	8/18/1997	U	0.095	Chlorpyrifos Methyl	KBF14	8/18/1997	U	0.098	Chlorpyrifos Methyl

Station ID	Date	LabCode	Value (ug/l)	Parameter	Station ID	Date	LabCode	Value (ug/l)	Parameter
KBF14	8/18/1997	U	0.095	Diazinon	KBF14	8/18/1997	U	0.098	Diazinon
KBF14	8/18/1997	U	0.048	Ethion	KBF14	8/18/1997	U	0.049	Ethion
KBF14	8/18/1997	U	0.095	Ethoprop	KBF14	8/18/1997	U	0.098	Ethoprop
KBF14	8/18/1997	U	0.29	Fenamiphos	KBF14	8/18/1997	U	0.29	Fenamiphos
KBF14	8/18/1997	U	0.095	Fonofos	KBF14	8/18/1997	U	0.098	Fonofos
KBF14	8/18/1997	U	0.14	Malathion	KBF14	8/18/1997	U	0.15	Malathion
KBF14	8/18/1997	U	0.57	Metalaxyl	KBF14	8/18/1997	U	0.59	Metalaxyl
KBF14	8/18/1997	U	0.48	Metolachlor	KBF14	8/18/1997	U	0.49	Metolachlor
KBF14	8/18/1997	U	0.19	Metribuzin	KBF14	8/18/1997	U	0.2	Metribuzin
KBF14	8/18/1997	U	0.24	Mevinphos	KBF14	8/18/1997	U	0.25	Mevinphos
KBF14	8/18/1997	U	0.76	Naled	KBF14	8/18/1997	U	0.78	Naled
KBF14	8/18/1997	U	0.095	Parathion Methyl	KBF14	8/18/1997	U	0.098	Parathion Methyl
KBF14	8/18/1997	U	0.095	Parathion Ethyl	KBF14	8/18/1997	U	0.098	Parathion Ethyl
KBF14	8/18/1997	U	0.095	Phorate	KBF14	8/18/1997	U	0.098	Phorate
KBF14	8/18/1997	U	0.29	Prodiamine	KBF14	8/18/1997	U	0.29	Prodiamine
KBF14	8/18/1997	U	0.095	Prometryn	KBF14	8/18/1997	U	0.098	Prometryn
KBF14	8/18/1997	U	0.048	Simazine	KBF14	8/18/1997	U	0.049	Simazine
KBML	8/18/1997	U	0.29	Alachlor	KBML	8/18/1997	U	0.29	Alachlor
KBML	8/18/1997	U	0.048	Ametryn	KBML	8/18/1997	U	0.049	Ametryn
KBML	8/18/1997	U	0.048	Atrazine	KBML	8/18/1997	U	0.049	Atrazine
KBML	8/18/1997	U	0.19	Azinphos Methyl	KBML	8/18/1997	U	0.19	Azinphos Methyl
KBML	8/18/1997	U	0.29	Bromacil	KBML	8/18/1997	U	0.29	Bromacil
KBML	8/18/1997	U	0.096	Butylate	KBML	8/18/1997	U	0.097	Butylate
KBML	8/18/1997	U	0.096	Chlorpyrifos Ethyl	KBML	8/18/1997	U	0.097	Chlorpyrifos Ethyl
KBML	8/18/1997	U	0.096	Chlorpyrifos Methyl	KBML	8/18/1997	U	0.097	Chlorpyrifos Methyl
KBML	8/18/1997	U	0.096	Diazinon	KBML	8/18/1997	U	0.097	Diazinon
KBML	8/18/1997	U	0.048	Ethion	KBML	8/18/1997	U	0.049	Ethion
KBML	8/18/1997	U	0.096	Ethoprop	KBML	8/18/1997	U	0.097	Ethoprop
KBML	8/18/1997	U	0.29	Fenamiphos	KBML	8/18/1997	U	0.29	Fenamiphos
KBML	8/18/1997	U	0.096	Fonofos	KBML	8/18/1997	U	0.097	Fonofos
KBML	8/18/1997	U	0.14	Malathion	KBML	8/18/1997	U	0.15	Malathion
KBML	8/18/1997	U	0.58	Metalaxyl	KBML	8/18/1997	U	0.58	Metalaxyl
KBML	8/18/1997	U	0.48	Metolachlor	KBML	8/18/1997	U	0.49	Metolachlor
KBML	8/18/1997	U	0.19	Metribuzin	KBML	8/18/1997	U	0.19	Metribuzin
KBML	8/18/1997	U	0.24	Mevinphos	KBML	8/18/1997	U	0.24	Mevinphos
KBML	8/18/1997	U	0.77	Naled	KBML	8/18/1997	U	0.78	Naled
KBML	8/18/1997	U	0.096	Parathion Methyl	KBML	8/18/1997	U	0.097	Parathion Methyl
KBML	8/18/1997	U	0.096	Parathion Ethyl	KBML	8/18/1997	U	0.097	Parathion Ethyl
KBML	8/18/1997	U	0.096	Phorate	KBML	8/18/1997	U	0.097	Phorate
KBML	8/18/1997	U	0.29	Prodiamine	KBML	8/18/1997	U	0.29	Prodiamine
KBML	8/18/1997	U	0.096	Prometryn	KBML	8/18/1997	U	0.097	Prometryn
KBML	8/18/1997	U	0.048	Simazine	KBML	8/18/1997	U	0.049	Simazine
KBT18	11/17/1997	U	0.0097	Aldrin	KBT18	11/17/1997	U	0.0096	Aldrin
KBT18	11/17/1997	U	0.0097	Alpha-BHC	KBT18	11/17/1997	U	0.0096	Alpha-BHC

Station ID	Date	LabCode	Value (ug/l)	Parameter	Station ID	Date	LabCode	Value (ug/l)	Parameter
KBT18	11/17/1997	U	0.019	Beta-BHC	KBT18	11/17/1997	U	0.019	Beta-BHC
KBT18	11/17/1997	U	0.0097	Delta-BHC	KBT18	11/17/1997	U	0.0096	Delta-BHC
KBT18	11/17/1997	U	0.0097	Gamma-BHC	KBT18	11/17/1997	U	0.0096	Gamma-BHC
KBT18	11/17/1997	U	0.097	Chlordane	KBT18	11/17/1997	U	0.096	Chlordane
KBT18	11/17/1997	U	0.019	DDD-p,p'	KBT18	11/17/1997	U	0.019	DDD-p,p'
KBT18	11/17/1997	U	0.019	DDE-p,p'	KBT18	11/17/1997	U	0.019	DDE-p,p'
KBT18	11/17/1997	U	0.019	DDT-p,p'	KBT18	11/17/1997	U	0.019	DDT-p,p'
KBT18	11/17/1997	U	0.019	Dieldrin	KBT18	11/17/1997	U	0.019	Dieldrin
KBT18	11/17/1997	U	0.0097	Endosulfan I	KBT18	11/17/1997	U	0.0096	Endosulfan I
KBT18	11/17/1997	U	0.0097	Endosulfan II	KBT18	11/17/1997	U	0.0096	Endosulfan II
KBT18	11/17/1997	U	0.019	Endosulfan Sulfate	KBT18	11/17/1997	U	0.019	Endosulfan Sulfate
KBT18	11/17/1997	U	0.049	Pendimethalin	KBT18	11/17/1997	U	0.048	Pendimethalin
KBT18	11/17/1997	U	0.019	Trifluralin/Benfluralin	KBT18	11/17/1997	U	0.019	Trifluralin/Benfluralin
KBT18	11/17/1997	U		Oxadiazon	KBT18	11/17/1997	U		Oxadiazon
KBT18	11/17/1997	U	0.29	Alachlor	KBT18	11/17/1997	U	0.29	Alachlor
KBT18	11/17/1997	U	0.049	Ametryn	KBT18	11/17/1997	U	0.048	Ametryn
KBT18	11/17/1997	U	0.049	Atrazine	KBT18	11/17/1997	U	0.048	Atrazine
KBT18	11/17/1997	U	0.19	Azinphos Methyl	KBT18	11/17/1997	U	0.19	Azinphos Methyl
KBT18	11/17/1997	U	0.29	Bromacil	KBT18	11/17/1997	U	0.29	Bromacil
KBT18	11/17/1997	U	0.097	Butylate	KBT18	11/17/1997	U	0.096	Butylate
KBT18	11/17/1997	U	0.097	Chlorpyrifos Ethyl	KBT18	11/17/1997	U	0.096	Chlorpyrifos Ethyl
KBT18	11/17/1997	U	0.097	Chlorpyrifos Methyl	KBT18	11/17/1997	U	0.096	Chlorpyrifos Methyl
KBT18	11/17/1997	U	0.097	Diazinon	KBT18	11/17/1997	U	0.096	Diazinon
KBT18	11/17/1997	U	0.049	Ethion	KBT18	11/17/1997	U	0.048	Ethion
KBT18	11/17/1997	U	0.097	Ethoprop	KBT18	11/17/1997	U	0.096	Ethoprop
KBT18	11/17/1997	U	0.29	Fenamiphos	KBT18	11/17/1997	U	0.29	Fenamiphos
KBT18	11/17/1997	U	0.097	Fonofos	KBT18	11/17/1997	U	0.096	Fonofos
KBT18	11/17/1997	U	0.15	Malathion	KBT18	11/17/1997	U	0.14	Malathion
KBT18	11/17/1997	U	0.58	Metalaxyl	KBT18	11/17/1997	U	0.58	Metalaxyl
KBT18	11/17/1997	U	0.49	Metolachlor	KBT18	11/17/1997	U	0.48	Metolachlor
KBT18	11/17/1997	U	0.19	Metribuzin	KBT18	11/17/1997	U	0.19	Metribuzin
KBT18	11/17/1997	U	0.24	Mevinphos	KBT18	11/17/1997	U	0.24	Mevinphos
KBT18	11/17/1997	U	0.78	Naled	KBT18	11/17/1997	U	0.77	Naled
KBT18	11/17/1997	U	0.097	Parathion Methyl	KBT18	11/17/1997	U	0.096	Parathion Methyl
KBT18	11/17/1997	U	0.097	Parathion Ethyl	KBT18	11/17/1997	U	0.096	Parathion Ethyl
KBT18	11/17/1997	U	0.097	Phorate	KBT18	11/17/1997	U	0.096	Phorate
KBT18	11/17/1997	U	0.097	Prometryn	KBT18	11/17/1997	U	0.096	Prometryn
KBT18	11/17/1997	U	0.049	Simazine	KBT18	11/17/1997	U	0.048	Simazine
KBT18	11/17/1997	U	0.29	Prodiamine	KBT18	11/17/1997	U	0.29	Prodiamine
KBF14	11/17/1997	U	0.0095	Aldrin	KBF14	11/17/1997	U	0.012	Aldrin
KBF14	11/17/1997	U	0.0095	Alpha-BHC	KBF14	11/17/1997	U	0.012	Alpha-BHC
KBF14	11/17/1997	U	0.019	Beta-BHC	KBF14	11/17/1997	U	0.023	Beta-BHC
KBF14	11/17/1997	U	0.0095	Delta-BHC	KBF14	11/17/1997	U	0.012	Delta-BHC
KBF14	11/17/1997	U	0.0095	Gamma-BHC	KBF14	11/17/1997	U	0.012	Gamma-BHC

KBFI4	11/17/1997	U	0.095	Chlordane	KBFI4	11/17/1997	U	0.12	Chlordane
KBFI4	11/17/1997	U	0.019	DDD-p,p'	KBFI4	11/17/1997	U	0.023	DDD-p,p'
KBFI4	11/17/1997	U	0.019	DDE-p,p'	KBFI4	11/17/1997	U	0.023	DDE-p,p'
KBFI4	11/17/1997	U	0.019	DDT-p,p'	KBFI4	11/17/1997	U	0.023	DDT-p,p'
KBFI4	11/17/1997	U	0.019	Dieldrin	KBFI4	11/17/1997	U	0.023	Dieldrin
KBFI4	11/17/1997	U	0.0095	Endosulfan I	KBFI4	11/17/1997	U	0.012	Endosulfan I
KBFI4	11/17/1997	U	0.0095	Endosulfan II	KBFI4	11/17/1997	U	0.012	Endosulfan II
KBFI4	11/17/1997	U	0.019	Endosulfan Sulfate	KBFI4	11/17/1997	U	0.023	Endosulfan Sulfate
KBFI4	11/17/1997	U	0.048	Pendimethalin	KBFI4	11/17/1997	U	0.058	Pendimethalin
KBFI4	11/17/1997	U	0.019	Trifluralin/Benfluralin	KBFI4	11/17/1997	U	0.023	Trifluralin/Benfluralin
KBFI4	11/17/1997	U		Oxadiazon	KBFI4	11/17/1997	U		Oxadiazon
KBFI4	11/17/1997	U	0.29	Alachlor	KBFI4	11/17/1997	U	0.35	Alachlor
KBFI4	11/17/1997	U	0.048	Ametryn	KBFI4	11/17/1997	U	0.058	Ametryn
KBFI4	11/17/1997	U	0.048	Atrazine	KBFI4	11/17/1997	U	0.058	Atrazine
KBFI4	11/17/1997	U	0.19	Azinphos Methyl	KBFI4	11/17/1997	U	0.23	Azinphos Methyl
KBFI4	11/17/1997	U	0.29	Bromacil	KBFI4	11/17/1997	U	0.35	Bromacil
KBFI4	11/17/1997	U	0.095	Butylate	KBFI4	11/17/1997	U	0.12	Butylate
KBFI4	11/17/1997	U	0.095	Chlorpyrifos Ethyl	KBFI4	11/17/1997	U	0.12	Chlorpyrifos Ethyl
KBFI4	11/17/1997	U	0.095	Chlorpyrifos Methyl	KBFI4	11/17/1997	U	0.12	Chlorpyrifos Methyl
KBFI4	11/17/1997	U	0.095	Diazinon	KBFI4	11/17/1997	U	0.12	Diazinon
KBFI4	11/17/1997	U	0.048	Ethion	KBFI4	11/17/1997	U	0.058	Ethion
KBFI4	11/17/1997	U	0.095	Ethoprop	KBFI4	11/17/1997	U	0.12	Ethoprop
KBFI4	11/17/1997	U	0.29	Fenamiphos	KBFI4	11/17/1997	U	0.35	Fenamiphos
KBFI4	11/17/1997	U	0.095	Fonofos	KBFI4	11/17/1997	U	0.12	Fonofos
KBFI4	11/17/1997	U	0.14	Malathion	KBFI4	11/17/1997	U	0.17	Malathion
KBFI4	11/17/1997	U	0.57	Metalaxyl	KBFI4	11/17/1997	U	0.7	Metalaxyl
KBFI4	11/17/1997	U	0.48	Metolachlor	KBFI4	11/17/1997	U	0.58	Metolachlor
KBFI4	11/17/1997	U	0.19	Metribuzin	KBFI4	11/17/1997	U	0.23	Metribuzin
KBFI4	11/17/1997	U	0.24	Mevinphos	KBFI4	11/17/1997	U	0.29	Mevinphos
KBFI4	11/17/1997	U	0.76	Naled	KBFI4	11/17/1997	U	0.93	Naled
KBFI4	11/17/1997	U	0.095	Parathion Methyl	KBFI4	11/17/1997	U	0.12	Parathion Methyl
KBFI4	11/17/1997	U	0.095	Parathion Ethyl	KBFI4	11/17/1997	U	0.12	Parathion Ethyl
KBFI4	11/17/1997	U	0.095	Phorate	KBFI4	11/17/1997	U	0.12	Phorate
KBFI4	11/17/1997	U	0.95	Prometryn	KBFI4	11/17/1997	U	0.12	Prometryn
KBFI4	11/17/1997	U	0.048	Simazine	KBFI4	11/17/1997	U	0.058	Simazine
KBFI4	11/17/1997	U	0.29	Prodiamine	KBFI4	11/17/1997	U	0.29	Prodiamine
KBML	11/17/1997	U	0.0095	Aldrin	KBML	11/17/1997	U	0.0096	Aldrin
KBML	11/17/1997	U	0.0095	Alpha-BHC	KBML	11/17/1997	U	0.0096	Alpha-BHC
KBML	11/17/1997	U	0.019	Beta-BHC	KBML	11/17/1997	U	0.019	Beta-BHC
KBML	11/17/1997	U	0.0095	Delta-BHC	KBML	11/17/1997	U	0.0096	Delta-BHC
KBML	11/17/1997	U	0.0095	Gamma-BHC	KBML	11/17/1997	U	0.0096	Gamma-BHC
KBML	11/17/1997	U	0.095	Chlordane	KBML	11/17/1997	U	0.096	Chlordane
KBML	11/17/1997	U	0.019	DDD-p,p'	KBML	11/17/1997	U	0.019	DDD-p,p'
KBML	11/17/1997	U	0.019	DDE-p,p'	KBML	11/17/1997	U	0.019	DDE-p,p'
KBML	11/17/1997	U	0.019	DDT-p,p'	KBML	11/17/1997	U	0.019	DDT-p,p'

Station ID	Date	LabCode	Value (ug/l)	Parameter	Station ID	Date	LabCode	Value (ug/l)	Parameter
KBML	11/17/1997	U	0.019	Dieldrin	KBML	11/17/1997	U	0.019	Dieldrin
KBML	11/17/1997	U	0.0095	Endosulfan I	KBML	11/17/1997	U	0.0096	Endosulfan I
KBML	11/17/1997	U	0.0095	Endosulfan II	KBML	11/17/1997	U	0.0096	Endosulfan II
KBML	11/17/1997	U	0.019	Endosulfan Sulfate	KBML	11/17/1997	U	0.019	Endosulfan Sulfate
KBML	11/17/1997	U	0.048	Pendimethalin	KBML	11/17/1997	U	0.048	Pendimethalin
KBML	11/17/1997	U	0.019	Trifluralin/Benfluralin	KBML	11/17/1997	U	0.019	Trifluralin/Benfluralin
KBML	11/17/1997	U		Oxadiazon	KBML	11/17/1997	U		Oxadiazon
KBML	11/17/1997	U	0.29	Alachlor	KBML	11/17/1997	U	0.29	Alachlor
KBML	11/17/1997	U	0.048	Ametryn	KBML	11/17/1997	U	0.048	Ametryn
KBML	11/17/1997	U	0.048	Atrazine	KBML	11/17/1997	U	0.048	Atrazine
KBML	11/17/1997	U	0.19	Azinphos Methyl	KBML	11/17/1997	U	0.19	Azinphos Methyl
KBML	11/17/1997	U	0.29	Bromacil	KBML	11/17/1997	U	0.29	Bromacil
KBML	11/17/1997	U	0.095	Butylate	KBML	11/17/1997	U	0.096	Butylate
KBML	11/17/1997	U	0.095	Chlorpyrifos Ethyl	KBML	11/17/1997	U	0.096	Chlorpyrifos Ethyl
KBML	11/17/1997	U	0.095	Chlorpyrifos Methyl	KBML	11/17/1997	U	0.096	Chlorpyrifos Methyl
KBML	11/17/1997	U	0.095	Diazinon	KBML	11/17/1997	U	0.096	Diazinon
KBML	11/17/1997	U	0.048	Ethion	KBML	11/17/1997	U	0.048	Ethion
KBML	11/17/1997	U	0.095	Ethoprop	KBML	11/17/1997	U	0.096	Ethoprop
KBML	11/17/1997	U	0.29	Fenamiphos	KBML	11/17/1997	U	0.29	Fenamiphos
KBML	11/17/1997	U	0.095	Fonofos	KBML	11/17/1997	U	0.096	Fonofos
KBML	11/17/1997	U	0.14	Malathion	KBML	11/17/1997	U	0.14	Malathion
KBML	11/17/1997	U	0.57	Metalaxyl	KBML	11/17/1997	U	0.58	Metalaxyl
KBML	11/17/1997	U	0.48	Metolachlor	KBML	11/17/1997	U	0.48	Metolachlor
KBML	11/17/1997	U	0.19	Metribuzin	KBML	11/17/1997	U	0.19	Metribuzin
KBML	11/17/1997	U	0.24	Mevinphos	KBML	11/17/1997	U	0.24	Mevinphos
KBML	11/17/1997	U	0.76	Naled	KBML	11/17/1997	U	0.77	Naled
KBML	11/17/1997	U	0.095	Parathion Methyl	KBML	11/17/1997	U	0.096	Parathion Methyl
KBML	11/17/1997	U	0.095	Parathion Ethyl	KBML	11/17/1997	U	0.096	Parathion Ethyl
KBML	11/17/1997	U	0.095	Phorate	KBML	11/17/1997	U	0.096	Phorate
KBML	11/17/1997	U	0.095	Prometryn	KBML	11/17/1997	U	0.096	Prometryn
KBML	11/17/1997	U	0.048	Simazine	KBML	11/17/1997	U	0.048	Simazine
KBML	11/17/1997	U	0.29	Prodiamine	KBML	11/17/1997	U	0.29	Prodiamine

StationID	Date	Value	ParamID	Lab	StationID	Date	Value	ParamID	Lab
GPG4	2/27/1997	563	Conductivity	Hydrolab	GPG4	2/27/1997	634	Conductivity	Hydrolab
GPML	2/27/1997	992	Conductivity	Hydrolab	GPML	2/27/1997	700	Conductivity	Hydrolab
GPT8	2/27/1997	586	Conductivity	Hydrolab	GPT8	2/27/1997	733	Conductivity	Hydrolab
GPG4	2/27/1997	7.12	pH	Hydrolab	GPG4	2/27/1997	0.2	Dissolved Oxygen	Hydrolab
GPML	2/27/1997	7.17	pH	Hydrolab	GPML	2/27/1997	0.52	Dissolved Oxygen	Hydrolab
GPT8	2/27/1997	7.18	pH	Hydrolab	GPT8	2/27/1997	0.48	Dissolved Oxygen	Hydrolab
GPG4	2/27/1997	136	Redox	Hydrolab	GPG4	2/27/1997	7.18	pH	Hydrolab
GPML	2/27/1997	354	Redox	Hydrolab	GPML	2/27/1997	7.08	pH	Hydrolab
GPT8	2/27/1997	215	Redox	Hydrolab	GPT8	2/27/1997	7.07	pH	Hydrolab

GPG4	2/27/1997	na	Salinity	Hydrolab	GPG4	2/27/1997	75	Redox	Hydrolab
GPML	2/27/1997	na	Salinity	Hydrolab	GPML	2/27/1997	113	Redox	Hydrolab
GPT8	2/27/1997	na	Salinity	Hydrolab	GPT8	2/27/1997	238	Redox	Hydrolab
GPG4	2/27/1997	25.92	Temp	Hydrolab	GPG4	2/27/1997	na	Salinity	Hydrolab
GPML	2/27/1997	25.1	Temp	Hydrolab	GPML	2/27/1997	na	Salinity	Hydrolab
GPT8	2/27/1997	24.93	Temp	Hydrolab	GPT8	2/27/1997	na	Salinity	Hydrolab
GPG4	3/3/1997	1.5	Dissolved Oxygen	Hydrolab	GPG4	2/27/1997	26.31	Temp	Hydrolab
GPML	3/3/1997	3.11	Dissolved Oxygen	Hydrolab	GPML	2/27/1997	26.03	Temp	Hydrolab
GPT8	3/3/1997	2.27	Oxygen	Hydrolab	GPT8	2/27/1997	25.71	Temp	Hydrolab
GPG4	5/20/1997	524	Conductivity	Hydrolab	GPG4	5/20/1997	599	Conductivity	Hydrolab
GPML	5/20/1997	1086	Conductivity	Hydrolab	GPML	5/20/1997	727	Conductivity	Hydrolab
GPT8	5/20/1997	572	Conductivity	Hydrolab	GPT8	5/20/1997	743	Conductivity	Hydrolab
GPG4	5/20/1997	0.33	Dissolved Oxygen	Hydrolab	GPG4	5/20/1997	1.11	Dissolved Oxygen	Hydrolab
GPML	5/20/1997	4.3	Dissolved Oxygen	Hydrolab	GPML	5/20/1997	7.02	Dissolved Oxygen	Hydrolab
GPT8	5/20/1997	3	Oxygen	Hydrolab	GPT8	5/20/1997	1.01	Oxygen	Hydrolab
GPG4	5/20/1997	6.93	pH	Hydrolab	GPG4	5/20/1997	6.99	pH	Hydrolab
GPML	5/20/1997	6.8	pH	Hydrolab	GPML	5/20/1997	6.96	pH	Hydrolab
GPT8	5/20/1997	6.89	pH	Hydrolab	GPT8	5/20/1997	6.86	pH	Hydrolab
GPG4	5/20/1997	78	Redox	Hydrolab	GPG4	5/20/1997	93	Redox	Hydrolab
GPML	5/20/1997	402	Redox	Hydrolab	GPML	5/20/1997	155	Redox	Hydrolab
GPT8	5/20/1997	204	Redox	Hydrolab	GPT8	5/20/1997	227	Redox	Hydrolab
GPG4	5/20/1997	0.3	Salinity	Hydrolab	GPG4	5/20/1997	0.3	Salinity	Hydrolab
GPML	5/20/1997	0.6	Salinity	Hydrolab	GPML	5/20/1997	0.4	Salinity	Hydrolab
GPT8	5/20/1997	0.3	Salinity	Hydrolab	GPT8	5/20/1997	0.4	Salinity	Hydrolab
GPG4	5/20/1997	26.1	Temp	Hydrolab	GPG4	5/20/1997	26.31	Temp	Hydrolab
GPML	5/20/1997	25.37	Temp	Hydrolab	GPML	5/20/1997	25.84	Temp	Hydrolab
GPT8	5/20/1997	25.2	Temp	Hydrolab	GPT8	5/20/1997	25.93	Temp	Hydrolab
GPG4	8/13/1997	662	Conductivity	Hydrolab	GPG4	8/13/1997	597	Conductivity	Hydrolab
GPML	8/13/1997	1061	Conductivity	Hydrolab	GPML	8/13/1997	703	Conductivity	Hydrolab
GPT8	8/13/1997	573	Conductivity	Hydrolab	GPT8	8/13/1997	796	Conductivity	Hydrolab
GPG4	8/13/1997	0.33	Dissolved Oxygen	Hydrolab	GPG4	8/13/1997	0.25	Dissolved Oxygen	Hydrolab
GPML	8/13/1997	1.68	Dissolved Oxygen	Hydrolab	GPML	8/13/1997	0.86	Dissolved Oxygen	Hydrolab
GPT8	8/13/1997	3.07	Oxygen	Hydrolab	GPT8	8/13/1997	1.01	Oxygen	Hydrolab
GPG4	8/13/1997	6.86	pH	Hydrolab	GPG4	8/13/1997	7.01	pH	Hydrolab
GPML	8/13/1997	6.78	pH	Hydrolab	GPML	8/13/1997	7.11	pH	Hydrolab
GPT8	8/13/1997	7.01	pH	Hydrolab	GPT8	8/13/1997	6.97	pH	Hydrolab
GPG4	8/13/1997	-154	Redox	Hydrolab	GPG4	8/13/1997	-161	Redox	Hydrolab
GPML	8/13/1997	211	Redox	Hydrolab	GPML	8/13/1997	-134	Redox	Hydrolab
GPT8	8/13/1997	-82	Redox	Hydrolab	GPT8	8/13/1997	-6	Redox	Hydrolab
GPG4	8/13/1997	0.3	Salinity	Hydrolab	GPG4	8/13/1997	0.3	Salinity	Hydrolab

StationID	Date	Value	ParamID	Lab
GPML	8/13/1997	0.6	Salinity	Hydrolab
GPT8	8/13/1997	0.3	Salinity	Hydrolab
GPG4	8/13/1997	26.66	Temperature	Hydrolab
GPML	8/13/1997	27.46	Temperature	Hydrolab
GPT8	8/13/1997	27.69	Temperature	Hydrolab
GPG4	11/12/1997	0.3	Dissolved Oxygen	Hydrolab
GPML	11/12/1997	1.6	Dissolved Oxygen	Hydrolab
GPT8	11/12/1997	2.72	Oxygen	Hydrolab
GPG4	11/12/1997	6.79	pH	Hydrolab
GPML	11/12/1997	6.69	pH	Hydrolab
GPT8	11/12/1997	6.78	pH	Hydrolab
GPG4	11/12/1997	690	Conductivity	Hydrolab
GPML	11/12/1997	916	Conductivity	Hydrolab
GPT8	11/12/1997	562	Conductivity	Hydrolab
GPG4	11/12/1997	96	Redox	Hydrolab
GPML	11/12/1997	340	Redox	Hydrolab
GPT8	11/12/1997	248	Redox	Hydrolab
GPG4	11/12/1997	0.4	Salinity	Hydrolab
GPML	11/12/1997	0.5	Salinity	Hydrolab
GPT8	11/12/1997	0.3	Salinity	Hydrolab
GPG4	11/12/1997	26.53	Temperature	Hydrolab
GPML	11/12/1997	27.14	Temperature	Hydrolab
GPT8	11/12/1997	26.58	Temperature	Hydrolab
GPG4	3/3/1997	0.01(U)	NOX-N	DERM
GPT8	3/3/1997	0.64	NOX-N	DERM
GPG4	5/20/1997	0.01(U)	NOX-N	PBS&J
GPML	3/3/1997	44.51	NOX-N	DERM
GPT8	5/20/1997	0.91	NOX-N	PBS&J
GPML	5/20/1997	49.2	NOX-N	PBS&J
GPT8	8/13/1997	ls	NOX-N	PBS&J
GPG4	8/13/1997	ls	NOX-N	PBS&J
GPML	8/13/1997	ls	NOX-N	PBS&J
GPT8	11/12/1997	0.01(U)	NOX-N	PBS&J
GPG4	11/12/1997	0.01(U)	NOX-N	PBS&J
GPML	11/12/1997	31.5	NOX-N	PBS&J
GPG4	3/3/1997	0.028	TPO4	PBS&J
GPML	3/3/1997	0.158	TPO4	PBS&J
GPT8	3/3/1997	0.041	TPO4	PBS&J
GPG4	5/20/1997	0.02(U)	TPO4	PBS&J
GPML	5/20/1997	0.46	TPO4	PBS&J
GPT8	5/20/1997	0.02(U)	TPO4	PBS&J

StationID	Date	Value	ParamID	Lab
GPML	8/13/1997	0.4	Salinity	Hydrolab
GPT8	8/13/1997	0.4	Salinity	Hydrolab
GPG4	8/13/1997	26.34	Temperature	Hydrolab
GPML	8/13/1997	26.56	Temperature	Hydrolab
GPT8	8/13/1997	29.21	Temperature	Hydrolab
GPG4	11/12/1997	597	Conductivity	Hydrolab
GPML	11/12/1997	685	Conductivity	Hydrolab
GPT8	11/12/1997	798	Conductivity	Hydrolab
GPG4	11/12/1997	0.22	Dissolved Oxygen	Hydrolab
GPML	11/12/1997	0.29	Dissolved Oxygen	Hydrolab
GPT8	11/12/1997	0.24	Oxygen	Hydrolab
GPG4	11/12/1997	6.92	pH	Hydrolab
GPML	11/12/1997	6.79	pH	Hydrolab
GPT8	11/12/1997	6.78	pH	Hydrolab
GPG4	11/12/1997	90	Redox	Hydrolab
GPML	11/12/1997	138	Redox	Hydrolab
GPT8	11/12/1997	317	Redox	Hydrolab
GPG4	11/12/1997	0.3	Salinity	Hydrolab
GPML	11/12/1997	0.4	Salinity	Hydrolab
GPT8	11/12/1997	0.4	Salinity	Hydrolab
GPG4	11/12/1997	26.17	Temperature	Hydrolab
GPML	11/12/1997	25.96	Temperature	Hydrolab
GPT8	11/12/1997	26	Temperature	Hydrolab
GPG4	3/3/1997	0.06	NOX-N	DERM
GPT8	3/3/1997	4.91	NOX-N	DERM
GPG4	5/20/1997	0.01(U)	NOX-N	PBS&J
GPML	3/3/1997	0.16	NOX-N	DERM
GPT8	5/20/1997	4.48	NOX-N	PBS&J
GPML	5/20/1997	0.01	NOX-N	PBS&J
GPG4	8/13/1997	ls	NOX-N	PBS&J
GPML	8/13/1997	ls	NOX-N	PBS&J
GPT8	8/13/1997	ls	NOX-N	PBS&J
GPT8	11/12/1997	0.4	NOX-N	PBS&J
GPG4	11/12/1997	0.01(U)	NOX-N	PBS&J
GPML	11/12/1997	2.06	NOX-N	PBS&J
GPG4	3/3/1997	0.05	TPO4	DERM
GPML	3/3/1997	0.197	TPO4	DERM
GPT8	3/3/1997	0.024	TPO4	DERM
GPG4	5/20/1997	0.06	TPO4	PBS&J
GPML	5/20/1997	0.03(I)	TPO4	PBS&J
GPT8	5/20/1997	0.02(U)	TPO4	PBS&J

StationID	Date	Value	ParamID	Lab
GPT8	8/13/1997	ls	TPO4	PBS&J
GPG4	8/13/1997	ls	TPO4	PBS&J
GPML	8/13/1997	ls	TPO4	PBS&J
GPG4	11/12/1997	0.03(I)	TPO4	PBS&J
GPML	11/12/1997	0.23	TPO4	PBS&J
GPT8	11/12/1997	0.02(U)	TPO4	PBS&J
GPG4	3/3/1997	13.8	10	Arsenic
GPG4	5/20/1997	21.6	20.9	Arsenic
GPG4	8/13/1997	59.5	55(A)	Arsenic
GPG4	11/12/1997	37.8	32	Arsenic
GPML	3/3/1997	78.5	128	Arsenic
GPML	5/20/1997	132	135	Arsenic
GPML	8/13/1997	250.4	227	Arsenic
GPML	11/12/1997	261.6	243	Arsenic
GPT8	3/3/1997	12.7	20(A)	Arsenic
GPT8	5/20/1997	9.9	10.5	Arsenic
GPT8	8/13/1997	16.4	14	Arsenic
GPT8	11/12/1997	10.1	15	Arsenic
Station ID	Date	LabCode	Value ug/l	Parameter
GPG4	5/20/1997	U	0.29	Alachlor
GPG4	5/20/1997	U	0.048	Ametryn
GPG4	5/20/1997	U	0.048	Atrazine
GPG4	5/20/1997	U	0.19	Azinphos Methyl
GPG4	5/20/1997	U	0.29	Bromacil
GPG4	5/20/1997	U	0.096	Butylate
GPG4	5/20/1997	U	0.096	Chlorpyrifos Ethyl
GPG4	5/20/1997	U	0.096	Chlorpyrifos Methyl
GPG4	5/20/1997	U	0.096	Diazinon
GPG4	5/20/1997	U	0.048	Ethion
GPG4	5/20/1997	U	0.096	Ethoprop
GPG4	5/20/1997	U	0.29	Fenamiphos
GPG4	5/20/1997	U	0.096	Fonofos
GPG4	5/20/1997	U	0.14	Malathion
GPG4	5/20/1997	U	0.58	Metalaxyl
GPG4	5/20/1997	U	0.48	Metolachlor
GPG4	5/20/1997	U	0.19	Metribuzin
GPG4	5/20/1997	U	0.24	Mevinphos
GPG4	5/20/1997	U	0.77	Naled
GPG4	5/20/1997	U	0.096	Parathion Methyl
GPG4	5/20/1997	U	0.096	Parathion Ethyl
GPG4	5/20/1997	U	0.096	Phorate

StationID	Date	Value	ParamID	Lab
GPT8	8/13/1997	ls	TPO4	PBS&J
GPG4	8/13/1997	ls	TPO4	PBS&J
GPML	8/13/1997	ls	TPO4	PBS&J
GPG4	11/12/1997	0.03(I)	TPO4	PBS&J
GPML	11/12/1997	0.04(I)	TPO4	PBS&J
GPT8	11/12/1997	0.05(I)	TPO4	PBS&J
GPG4	3/3/1997	4.7	4(I)	Arsenic
GPG4	5/20/1997	4.3	4(I)	Arsenic
GPG4	8/13/1997	4.6	2(U)	Arsenic
GPG4	11/12/1997	2(U)	3(U)	Arsenic
GPML	3/3/1997	19.8	19	Arsenic
GPML	5/20/1997	10.7	9.6	Arsenic
GPML	8/13/1997	10.5	10	Arsenic
GPML	11/12/1997	5.7	3(U)	Arsenic
GPT8	3/3/1997	2.2	2(U)	Arsenic
GPT8	5/20/1997	2(U)	2(U)	Arsenic
GPT8	8/13/1997	2(U)	2(U)	Arsenic
GPT8	11/12/1997	2(U)	3(U)	Arsenic
Station ID	Date	LabCode	Value ug/l	Parameter
GPG4	5/20/1997	U	0.29	Alachlor
GPG4	5/20/1997	U	0.048	Ametryn
GPG4	5/20/1997	I	0.052	Atrazine
GPG4	5/20/1997	U	0.19	Azinphos Methyl
GPG4	5/20/1997	U	0.29	Bromacil
GPG4	5/20/1997	U	0.096	Butylate
GPG4	5/20/1997	U	0.096	Chlorpyrifos Ethyl
GPG4	5/20/1997	U	0.096	Chlorpyrifos Methyl
GPG4	5/20/1997	U	0.096	Diazinon
GPG4	5/20/1997	U	0.048	Ethion
GPG4	5/20/1997	U	0.096	Ethoprop
GPG4	5/20/1997	U	0.29	Fenamiphos
GPG4	5/20/1997	U	0.096	Fonofos
GPG4	5/20/1997	U	0.14	Malathion
GPG4	5/20/1997	U	0.58	Metalaxyl
GPG4	5/20/1997	U	0.48	Metolachlor
GPG4	5/20/1997	U	0.19	Metribuzin
GPG4	5/20/1997	U	0.24	Mevinphos
GPG4	5/20/1997	U	0.77	Naled
GPG4	5/20/1997	U	0.096	Parathion Methyl
GPG4	5/20/1997	U	0.096	Parathion Ethyl
GPG4	5/20/1997	U	0.096	Phorate

Station ID	Date	LabCode	Value ug/l	Parameter	Station ID	Date	LabCode	Value ug/l	Parameter
GPG4	5/20/1997	U	0.096	Prometryn	GPG4	5/20/1997	U	0.096	Prometryn
GPG4	5/20/1997	U	0.048	Simazine	GPG4	5/20/1997	U	0.048	Simazine
GPG4	5/20/1997	U	0.29	Prodiamine	GPG4	5/20/1997	U	0.29	Prodiamine
GPT8	5/20/1997	U	0.29	Alachlor	GPT8	5/20/1997	U	0.31	Alachlor
GPT8	5/20/1997	U	0.048	Ametryn	GPT8	5/20/1997	U	0.051	Ametryn
GPT8	5/20/1997	U	0.048	Atrazine	GPT8	5/20/1997	U	0.051	Atrazine
GPT8	5/20/1997	U	0.19	Azinphos Methyl	GPT8	5/20/1997	U	0.2	Azinphos Methyl
GPT8	5/20/1997	U	0.29	Bromacil	GPT8	5/20/1997	U	0.31	Bromacil
GPT8	5/20/1997	U	0.097	Butylate	GPT8	5/20/1997	U	0.1	Butylate
GPT8	5/20/1997	U	0.097	Chlorpyrifos Ethyl	GPT8	5/20/1997	U	0.1	Chlorpyrifos Ethyl
GPT8	5/20/1997	U	0.097	Chlorpyrifos Methyl	GPT8	5/20/1997	U	0.1	Chlorpyrifos Methyl
GPT8	5/20/1997	U	0.097	Diazinon	GPT8	5/20/1997	U	0.1	Diazinon
GPT8	5/20/1997	U	0.048	Ethion	GPT8	5/20/1997	U	0.051	Ethion
GPT8	5/20/1997	U	0.097	Ethoprop	GPT8	5/20/1997	U	0.1	Ethoprop
GPT8	5/20/1997	U	0.29	Fenamiphos	GPT8	5/20/1997	U	0.31	Fenamiphos
GPT8	5/20/1997	U	0.097	Fonofos	GPT8	5/20/1997	U	0.1	Fonofos
GPT8	5/20/1997	U	0.15	Malathion	GPT8	5/20/1997	U	0.15	Malathion
GPT8	5/20/1997	U	0.58	Metalaxyl	GPT8	5/20/1997	U	0.61	Metalaxyl
GPT8	5/20/1997	U	0.48	Metolachlor	GPT8	5/20/1997	U	0.51	Metolachlor
GPT8	5/20/1997	U	0.19	Metribuzin	GPT8	5/20/1997	U	0.2	Metribuzin
GPT8	5/20/1997	U	0.24	Mevinphos	GPT8	5/20/1997	U	0.26	Mevinphos
GPT8	5/20/1997	U	0.77	Naled	GPT8	5/20/1997	U	0.82	Naled
GPT8	5/20/1997	U	0.097	Parathion Methyl	GPT8	5/20/1997	U	0.1	Parathion Methyl
GPT8	5/20/1997	U	0.097	Parathion Ethyl	GPT8	5/20/1997	U	0.1	Parathion Ethyl
GPT8	5/20/1997	U	0.097	Phorate	GPT8	5/20/1997	U	0.1	Phorate
GPT8	5/20/1997	U	0.097	Prometryn	GPT8	5/20/1997	U	0.1	Prometryn
GPT8	5/20/1997	U	0.048	Simazine	GPT8	5/20/1997	U	0.051	Simazine
GPT8	5/20/1997	U	0.29	Prodiamine	GPT8	5/20/1997	U	0.31	Prodiamine
GPML	5/20/1997	U	0.29	Alachlor	GPML	5/20/1997	U	0.29	Alachlor
GPML	5/20/1997	U	0.048	Ametryn	GPML	5/20/1997	U	0.048	Ametryn
GPML	5/20/1997	U	0.048	Atrazine	GPML	5/20/1997	U	0.048	Atrazine
GPML	5/20/1997	U	0.19	Azinphos Methyl	GPML	5/20/1997	U	0.19	Azinphos Methyl
GPML	5/20/1997	U	0.29	Bromacil	GPML	5/20/1997	U	0.29	Bromacil
GPML	5/20/1997	U	0.095	Butylate	GPML	5/20/1997	U	0.095	Butylate
GPML	5/20/1997	U	0.095	Chlorpyrifos Ethyl	GPML	5/20/1997	U	0.095	Chlorpyrifos Ethyl
GPML	5/20/1997	U	0.095	Chlorpyrifos Methyl	GPML	5/20/1997	U	0.095	Chlorpyrifos Methyl

Station ID	Date	LabCode	Value ug/l	Parameter	Station ID	Date	LabCode	Value ug/l	Parameter
GPML	5/20/1997	U	0.095	Diazinon	GPML	5/20/1997	U	0.095	Diazinon
GPML	5/20/1997	U	0.048	Ethion	GPML	5/20/1997	U	0.048	Ethion
GPML	5/20/1997	U	0.095	Ethoprop	GPML	5/20/1997	U	0.095	Ethoprop
GPML	5/20/1997	U	0.29	Fenamiphos	GPML	5/20/1997	U	0.29	Fenamiphos
GPML	5/20/1997	U	0.095	Fonofos	GPML	5/20/1997	U	0.095	Fonofos
GPML	5/20/1997	U	0.14	Malathion	GPML	5/20/1997	U	0.14	Malathion
GPML	5/20/1997	U	0.57	Metalaxyl	GPML	5/20/1997	U	0.57	Metalaxyl
GPML	5/20/1997	U	0.48	Metolachlor	GPML	5/20/1997	U	0.48	Metolachlor
GPML	5/20/1997	U	0.19	Metribuzin	GPML	5/20/1997	U	0.19	Metribuzin
GPML	5/20/1997	U	0.24	Mevinphos	GPML	5/20/1997	U	0.24	Mevinphos
GPML	5/20/1997	U	0.76	Naled	GPML	5/20/1997	U	0.76	Naled
GPML	5/20/1997	U	0.095	Parathion Methyl	GPML	5/20/1997	U	0.095	Parathion Methyl
GPML	5/20/1997	U	0.095	Parathion Ethyl	GPML	5/20/1997	U	0.095	Parathion Ethyl
GPML	5/20/1997	U	0.095	Phorate	GPML	5/20/1997	U	0.095	Phorate
GPML	5/20/1997	U	0.095	Prometryn	GPML	5/20/1997	U	0.095	Prometryn
GPML	5/20/1997	U	0.048	Simazine	GPML	5/20/1997	U	0.048	Simazine
GPML	5/20/1997	U	0.29	Prodiamine	GPML	5/20/1997	U	0.29	Prodiamine
GPG4	8/13/1997	U	0.29	Alachlor	GPG4	8/13/1997	U	0.29	Alachlor
GPG4	8/13/1997	U	0.048	Ametryn	GPG4	8/13/1997	U	0.048	Ametryn
GPG4	8/13/1997	U	0.048	Atrazine	GPG4	8/13/1997	U	0.048	Atrazine
GPG4	8/13/1997	U	0.19	Azinphos Methyl	GPG4	8/13/1997	U	0.19	Azinphos Methyl
GPG4	8/13/1997	U	0.29	Bromacil	GPG4	8/13/1997	U	0.29	Bromacil
GPG4	8/13/1997	U	0.095	Butylate	GPG4	8/13/1997	U	0.095	Butylate
GPG4	8/13/1997	U	0.095	Chlorpyrifos Ethyl	GPG4	8/13/1997	U	0.095	Chlorpyrifos Ethyl
GPG4	8/13/1997	U	0.095	Chlorpyrifos Methyl	GPG4	8/13/1997	U	0.095	Chlorpyrifos Methyl
GPG4	8/13/1997	U	0.095	Diazinon	GPG4	8/13/1997	U	0.095	Diazinon
GPG4	8/13/1997	U	0.048	Ethion	GPG4	8/13/1997	U	0.048	Ethion
GPG4	8/13/1997	U	0.095	Ethoprop	GPG4	8/13/1997	U	0.095	Ethoprop
GPG4	8/13/1997	U	0.29	Fenamiphos	GPG4	8/13/1997	U	0.29	Fenamiphos
GPG4	8/13/1997	U	0.095	Fonofos	GPG4	8/13/1997	U	0.095	Fonofos
GPG4	8/13/1997	U	0.14	Malathion	GPG4	8/13/1997	U	0.14	Malathion
GPG4	8/13/1997	U	0.57	Metalaxyl	GPG4	8/13/1997	U	0.57	Metalaxyl
GPG4	8/13/1997	U	0.48	Metolachlor	GPG4	8/13/1997	U	0.48	Metolachlor
GPG4	8/13/1997	U	0.19	Metribuzin	GPG4	8/13/1997	U	0.19	Metribuzin
GPG4	8/13/1997	U	0.24	Mevinphos	GPG4	8/13/1997	U	0.24	Mevinphos
GPG4	8/13/1997	U	0.76	Naled	GPG4	8/13/1997	U	0.76	Naled

Station ID	Date	LabCode	Value ug/l	Parameter	Station ID	Date	LabCode	Value ug/l	Parameter
GPG4	8/13/1997	U	0.095	Parathion Methyl	GPG4	8/13/1997	U	0.095	Parathion Methyl
GPG4	8/13/1997	U	0.095	Parathion Ethyl	GPG4	8/13/1997	U	0.095	Parathion Ethyl
GPG4	8/13/1997	U	0.095	Phorate	GPG4	8/13/1997	U	0.095	Phorate
GPG4	8/13/1997	U	0.29	Prodiamine	GPG4	8/13/1997	U	0.29	Prodiamine
GPG4	8/13/1997	U	0.095	Prometryn	GPG4	8/13/1997	U	0.095	Prometryn
GPG4	8/13/1997	U	0.048	Simazine	GPG4	8/13/1997	U	0.048	Simazine
GPT8	8/13/1997	U	0.29	Alachlor	GPT8	8/13/1997	U	0.29	Alachlor
GPT8	8/13/1997	U	0.048	Ametryn	GPT8	8/13/1997	U	0.049	Ametryn
GPT8	8/13/1997	U	0.048	Atrazine	GPT8	8/13/1997	U	0.049	Atrazine
GPT8	8/13/1997	U	0.19	Azinphos Methyl	GPT8	8/13/1997	U	0.2	Azinphos Methyl
GPT8	8/13/1997	U	0.29	Bromacil	GPT8	8/13/1997	U	0.29	Bromacil
GPT8	8/13/1997	U	0.095	Butylate	GPT8	8/13/1997	U	0.098	Butylate
GPT8	8/13/1997	U	0.095	Chlorpyrifos Ethyl	GPT8	8/13/1997	U	0.098	Chlorpyrifos Ethyl
GPT8	8/13/1997	U	0.095	Chlorpyrifos Methyl	GPT8	8/13/1997	U	0.098	Chlorpyrifos Methyl
GPT8	8/13/1997	U	0.095	Diazinon	GPT8	8/13/1997	U	0.098	Diazinon
GPT8	8/13/1997	U	0.048	Ethion	GPT8	8/13/1997	U	0.049	Ethion
GPT8	8/13/1997	U	0.095	Ethoprop	GPT8	8/13/1997	U	0.098	Ethoprop
GPT8	8/13/1997	U	0.29	Fenamiphos	GPT8	8/13/1997	U	0.29	Fenamiphos
GPT8	8/13/1997	U	0.095	Fonofos	GPT8	8/13/1997	U	0.098	Fonofos
GPT8	8/13/1997	U	0.14	Malathion	GPT8	8/13/1997	U	0.15	Malathion
GPT8	8/13/1997	U	0.57	Metalaxyl	GPT8	8/13/1997	U	0.59	Metalaxyl
GPT8	8/13/1997	U	0.48	Metolachlor	GPT8	8/13/1997	U	0.49	Metolachlor
GPT8	8/13/1997	U	0.19	Metribuzin	GPT8	8/13/1997	U	0.2	Metribuzin
GPT8	8/13/1997	U	0.24	Mevinphos	GPT8	8/13/1997	U	0.25	Mevinphos
GPT8	8/13/1997	U	0.76	Naled	GPT8	8/13/1997	U	0.78	Naled
GPT8	8/13/1997	U	0.095	Parathion Methyl	GPT8	8/13/1997	U	0.098	Parathion Methyl
GPT8	8/13/1997	U	0.095	Parathion Ethyl	GPT8	8/13/1997	U	0.098	Parathion Ethyl
GPT8	8/13/1997	U	0.095	Phorate	GPT8	8/13/1997	U	0.098	Phorate
GPT8	8/13/1997	U	0.29	Prodiamine	GPT8	8/13/1997	U	0.29	Prodiamine
GPT8	8/13/1997	U	0.095	Prometryn	GPT8	8/13/1997	U	0.098	Prometryn
GPT8	8/13/1997	U	0.048	Simazine	GPT8	8/13/1997	U	0.049	Simazine
GPML	8/13/1997	U	0.29	Alachlor	GPML	8/13/1997	U	0.29	Alachlor
GPML	8/13/1997	U	0.048	Ametryn	GPML	8/13/1997	U	0.048	Ametryn
GPML	8/13/1997	U	0.048	Atrazine	GPML	8/13/1997	U	0.048	Atrazine
GPML	8/13/1997	U	0.19	Azinphos Methyl	GPML	8/13/1997	U	0.19	Azinphos Methyl
GPML	8/13/1997	U	0.29	Bromacil	GPML	8/13/1997	U	0.29	Bromacil

GPML	8/13/1997	U	0.095	Butylate	GPML	8/13/1997	U	0.095	Butylate
GPML	8/13/1997	U	0.095	Chlorpyrifos Ethyl	GPML	8/13/1997	U	0.095	Chlorpyrifos Ethyl
GPML	8/13/1997	U	0.095	Chlorpyrifos Methyl	GPML	8/13/1997	U	0.095	Chlorpyrifos Methyl
GPML	8/13/1997	U	0.095	Diazinon	GPML	8/13/1997	U	0.095	Diazinon
GPML	8/13/1997	U	0.048	Ethion	GPML	8/13/1997	U	0.048	Ethion
GPML	8/13/1997	U	0.095	Ethoprop	GPML	8/13/1997	U	0.095	Ethoprop
GPML	8/13/1997	U	0.29	Fenamiphos	GPML	8/13/1997	U	0.29	Fenamiphos
GPML	8/13/1997	U	0.095	Fonofos	GPML	8/13/1997	U	0.095	Fonofos
GPML	8/13/1997	U	0.14	Malathion	GPML	8/13/1997	U	0.14	Malathion
GPML	8/13/1997	U	0.57	Metalaxyl	GPML	8/13/1997	U	0.57	Metalaxyl
GPML	8/13/1997	U	0.48	Metolachlor	GPML	8/13/1997	U	0.48	Metolachlor
GPML	8/13/1997	U	0.19	Metribuzin	GPML	8/13/1997	U	0.19	Metribuzin
GPML	8/13/1997	U	0.24	Mevinphos	GPML	8/13/1997	U	0.24	Mevinphos
GPML	8/13/1997	U	0.76	Naled	GPML	8/13/1997	U	0.76	Naled
GPML	8/13/1997	U	0.095	Parathion Methyl	GPML	8/13/1997	U	0.095	Parathion Methyl
GPML	8/13/1997	U	0.095	Parathion Ethyl	GPML	8/13/1997	U	0.095	Parathion Ethyl
GPML	8/13/1997	U	0.095	Phorate	GPML	8/13/1997	U	0.095	Phorate
GPML	8/13/1997	U	0.29	Prodiamine	GPML	8/13/1997	U	0.29	Prodiamine
GPML	8/13/1997	U	0.095	Prometryn	GPML	8/13/1997	U	0.095	Prometryn
GPML	8/13/1997	U	0.048	Simazine	GPML	8/13/1997	U	0.048	Simazine
GPG4	11/12/1997	U	0.0095	Aldrin	GPG4	11/12/1997	U	0.01	Aldrin
GPG4	11/12/1997	U	0.0095	Alpha-BHC	GPG4	11/12/1997	U	0.01	Alpha-BHC
GPG4	11/12/1997	U	0.019	Beta-BHC	GPG4	11/12/1997	U	0.02	Beta-BHC
GPG4	11/12/1997	U	0.0095	Delta-BHC	GPG4	11/12/1997	U	0.01	Delta-BHC
GPG4	11/12/1997	U	0.0095	Gamma-BHC	GPG4	11/12/1997	U	0.01	Gamma-BHC
GPG4	11/12/1997	U	0.095	Chlordane	GPG4	11/12/1997	U	0.1	Chlordane
GPG4	11/12/1997	U	0.019	DDD-p,p'	GPG4	11/12/1997	U	0.02	DDD-p,p'
GPG4	11/12/1997	U	0.019	DDE-p,p'	GPG4	11/12/1997	U	0.02	DDE-p,p'
GPG4	11/12/1997	U	0.019	DDT-p,p'	GPG4	11/12/1997	U	0.02	DDT-p,p'
GPG4	11/12/1997	U	0.019	Dieldrin	GPG4	11/12/1997	U	0.02	Dieldrin
GPG4	11/12/1997	U	0.0095	Endosulfan I	GPG4	11/12/1997	U	0.01	Endosulfan I
GPG4	11/12/1997	U	0.0095	Endosulfan II	GPG4	11/12/1997	U	0.01	Endosulfan II
GPG4	11/12/1997	U	0.019	Endosulfan Sulfate	GPG4	11/12/1997	U	0.02	Endosulfan Sulfate
GPG4	11/12/1997	U	0.019	Endrin	GPG4	11/12/1997	U	0.02	Endrin
GPG4	11/12/1997	U	0.019	Endrin Aldehyde	GPG4	11/12/1997	U	0.02	Endrin Aldehyde
GPG4	11/12/1997	U	0.0095	Heptachlor	GPG4	11/12/1997	U	0.01	Heptachlor

Station ID	Date	LabCode	Value ug/l	Parameter	Station ID	Date	LabCode	Value ug/l	Parameter
GPG4	11/12/1997	U	0.0095	Heptachlor Epoxide	GPG4	11/12/1997	U	0.01	Heptachlor Epoxide
GPG4	11/12/1997	U	0.71	Toxaphene	GPG4	11/12/1997	U	0.75	Toxaphene
GPG4	11/12/1997	U	0.019	Chlorothalonil	GPG4	11/12/1997	U	0.02	Chlorothalonil
GPG4	11/12/1997	U		Oxadiazon	GPG4	11/12/1997	U		Oxadiazon
GPG4	11/12/1997	U	0.29	Alachlor	GPG4	11/12/1997	U	0.3	Alachlor
GPG4	11/12/1997	U	0.048	Ametryn	GPG4	11/12/1997	U	0.05	Ametryn
GPG4	11/12/1997	U	0.048	Atrazine	GPG4	11/12/1997	U	0.05	Atrazine
GPG4	11/12/1997	U	0.19	Azinphos Methyl	GPG4	11/12/1997	U	0.2	Azinphos Methyl
GPG4	11/12/1997	U	0.29	Bromacil	GPG4	11/12/1997	U	0.3	Bromacil
GPG4	11/12/1997	U	0.095	Butylate	GPG4	11/12/1997	U	0.1	Butylate
GPG4	11/12/1997	U	0.095	Chlorpyrifos Ethyl	GPG4	11/12/1997	U	0.1	Chlorpyrifos Ethyl
GPG4	11/12/1997	U	0.095	Chlorpyrifos Methyl	GPG4	11/12/1997	U	0.1	Chlorpyrifos Methyl
GPG4	11/12/1997	U	0.095	Diazinon	GPG4	11/12/1997	U	0.1	Diazinon
GPG4	11/12/1997	U	0.048	Ethion	GPG4	11/12/1997	U	0.05	Ethion
GPG4	11/12/1997	U	0.095	Ethoprop	GPG4	11/12/1997	U	0.1	Ethoprop
GPG4	11/12/1997	U	0.29	Fenamiphos	GPG4	11/12/1997	U	0.3	Fenamiphos
GPG4	11/12/1997	U	0.095	Fonofos	GPG4	11/12/1997	U	0.1	Fonofos
GPG4	11/12/1997	U	0.14	Malathion	GPG4	11/12/1997	U	0.15	Malathion
GPG4	11/12/1997	U	0.57	Metalaxyl	GPG4	11/12/1997	U	0.6	Metalaxyl
GPG4	11/12/1997	U	0.48	Metolachlor	GPG4	11/12/1997	U	0.5	Metolachlor
GPG4	11/12/1997	U	0.19	Metribuzin	GPG4	11/12/1997	U	0.2	Metribuzin
GPG4	11/12/1997	U	0.24	Mevinphos	GPG4	11/12/1997	U	0.25	Mevinphos
GPG4	11/12/1997	U	0.76	Naled	GPG4	11/12/1997	U	0.8	Naled
GPG4	11/12/1997	U	0.095	Parathion Methyl	GPG4	11/12/1997	U	0.1	Parathion Methyl
GPG4	11/12/1997	U	0.095	Parathion Ethyl	GPG4	11/12/1997	U	0.1	Parathion Ethyl
GPG4	11/12/1997	U	0.095	Phorate	GPG4	11/12/1997	U	0.1	Phorate
GPG4	11/12/1997	U	0.095	Prometryn	GPG4	11/12/1997	U	0.1	Prometryn
GPG4	11/12/1997	U	0.048	Simazine	GPG4	11/12/1997	U	0.5	Simazine
GPG4	11/12/1997	U	0.29	Prodiamine	GPG4	11/12/1997	U	0.3	Prodiamine
GPT8	11/12/1997	U	0.0095	Aldrin	GPT8	11/12/1997	U	0.0095	Aldrin
GPT8	11/12/1997	U	0.0095	Alpha-BHC	GPT8	11/12/1997	U	0.0095	Alpha-BHC
GPT8	11/12/1997	U	0.019	Beta-BHC	GPT8	11/12/1997	U	0.019	Beta-BHC
GPT8	11/12/1997	U	0.0095	Delta-BHC	GPT8	11/12/1997	U	0.0095	Delta-BHC
GPT8	11/12/1997	U	0.0095	Gamma-BHC	GPT8	11/12/1997	U	0.0095	Gamma-BHC
GPT8	11/12/1997	U	0.095	Chlordane	GPT8	11/12/1997	U	0.95	Chlordane
GPT8	11/12/1997	U	0.019	DDD-p,p'	GPT8	11/12/1997	U	0.019	DDD-p,p'

Station ID	Date	LabCode	Value ug/l	Parameter	Station ID	Date	LabCode	Value ug/l	Parameter
GPT8	11/12/1997	U	0.019	DDE-p.p'	GPT8	11/12/1997	U	0.019	DDE-p.p'
GPT8	11/12/1997	U	0.019	DDT-p.p'	GPT8	11/12/1997	U	0.019	DDT-p.p'
GPT8	11/12/1997	U	0.019	Dieldrin	GPT8	11/12/1997	U	0.019	Dieldrin
GPT8	11/12/1997	U	0.0095	Endosulfan I	GPT8	11/12/1997	U	0.0095	Endosulfan I
GPT8	11/12/1997	U	0.0095	Endosulfan II	GPT8	11/12/1997	U	0.0095	Endosulfan II
GPT8	11/12/1997	U	0.019	Endosulfan Sulfate	GPT8	11/12/1997	U	0.019	Endosulfan Sulfate
GPT8	11/12/1997	U	0.019	Endrin	GPT8	11/12/1997	U	0.019	Endrin
GPT8	11/12/1997	U	0.019	Endrin Aldehyde	GPT8	11/12/1997	U	0.019	Endrin Aldehyde
GPT8	11/12/1997	U	0.0095	Heptachlor	GPT8	11/12/1997	U	0.0095	Heptachlor
GPT8	11/12/1997	U	0.0095	Heptachlor Epoxide	GPT8	11/12/1997	U	0.0095	Heptachlor Epoxide
GPT8	11/12/1997	U	0.71	Toxaphene	GPT8	11/12/1997	U	0.71	Toxaphene
GPT8	11/12/1997	U	0.019	Chlorothalonil	GPT8	11/12/1997	U	0.019	Chlorothalonil
GPT8	11/12/1997	U		Oxadiazon	GPT8	11/12/1997	U		Oxadiazon
GPT8	11/12/1997	U	0.29	Alachlor	GPT8	11/12/1997	U	0.29	Alachlor
GPT8	11/12/1997	U	0.048	Ametryn	GPT8	11/12/1997	U	0.048	Ametryn
GPT8	11/12/1997	U	0.048	Atrazine	GPT8	11/12/1997	U	0.048	Atrazine
GPT8	11/12/1997	U	0.19	Azinphos Methyl	GPT8	11/12/1997	U	0.19	Azinphos Methyl
GPT8	11/12/1997	U	0.29	Bromacil	GPT8	11/12/1997	U	0.29	Bromacil
GPT8	11/12/1997	U	0.095	Butylate	GPT8	11/12/1997	U	0.095	Butylate
GPT8	11/12/1997	U	0.095	Chlorpyrifos Ethyl	GPT8	11/12/1997	U	0.095	Chlorpyrifos Ethyl
GPT8	11/12/1997	U	0.095	Chlorpyrifos Methyl	GPT8	11/12/1997	U	0.095	Chlorpyrifos Methyl
GPT8	11/12/1997	U	0.095	Diazinon	GPT8	11/12/1997	U	0.095	Diazinon
GPT8	11/12/1997	U	0.048	Ethion	GPT8	11/12/1997	U	0.048	Ethion
GPT8	11/12/1997	U	0.094	Ethoprop	GPT8	11/12/1997	U	0.095	Ethoprop
GPT8	11/12/1997	U	0.29	Fenamiphos	GPT8	11/12/1997	U	0.29	Fenamiphos
GPT8	11/12/1997	U	0.095	Fonofos	GPT8	11/12/1997	U	0.095	Fonofos
GPT8	11/12/1997	U	0.14	Malathion	GPT8	11/12/1997	U	0.14	Malathion
GPT8	11/12/1997	U	0.57	Metalaxyl	GPT8	11/12/1997	U	0.57	Metalaxyl
GPT8	11/12/1997	U	0.48	Metolachlor	GPT8	11/12/1997	U	0.48	Metolachlor
GPT8	11/12/1997	U	0.19	Metribuzin	GPT8	11/12/1997	U	0.19	Metribuzin
GPT8	11/12/1997	U	0.24	Mevinphos	GPT8	11/12/1997	U	0.24	Mevinphos
GPT8	11/12/1997	U	0.76	Naled	GPT8	11/12/1997	U	0.76	Naled
GPT8	11/12/1997	U	0.095	Parathion Methyl	GPT8	11/12/1997	U	0.095	Parathion Methyl
GPT8	11/12/1997	U	0.095	Parathion Ethyl	GPT8	11/12/1997	U	0.095	Parathion Ethyl
GPT8	11/12/1997	U	0.095	Phorate	GPT8	11/12/1997	U	0.095	Phorate

Station ID	Date	LabCode	Value ug/l	Parameter	Station ID	Date	LabCode	Value ug/l	Parameter
GPT8	11/12/1997	U	0.095	Prometryn	GPT8	11/12/1997	U	0.095	Prometryn
GPT8	11/12/1997	U	0.048	Simazine	GPT8	11/12/1997	U	0.048	Simazine
GPT8	11/12/1997	U	0.29	Prodiamine	GPT8	11/12/1997	U	0.29	Prodiamine
GPML	11/12/1997	U	0.0096	Aldrin	GPML	11/12/1997	U	0.0095	Aldrin
GPML	11/12/1997	U	0.0096	Alpha-BHC	GPML	11/12/1997	U	0.0095	Alpha-BHC
GPML	11/12/1997	U	0.019	Beta-BHC	GPML	11/12/1997	U	0.019	Beta-BHC
GPML	11/12/1997	U	0.0096	Delta-BHC	GPML	11/12/1997	U	0.0095	Delta-BHC
GPML	11/12/1997	U	0.0096	Gamma-BHC	GPML	11/12/1997	U	0.0095	Gamma-BHC
GPML	11/12/1997	U	0.096	Chlordane	GPML	11/12/1997	U	0.095	Chlordane
GPML	11/12/1997	U	0.019	DDD-p,p'	GPML	11/12/1997	U	0.019	DDD-p,p'
GPML	11/12/1997	U	0.019	DDE-p,p'	GPML	11/12/1997	U	0.019	DDE-p,p'
GPML	11/12/1997	U	0.019	DDT-p,p'	GPML	11/12/1997	U	0.019	DDT-p,p'
GPML	11/12/1997	U	0.019	Dieldrin	GPML	11/12/1997	U	0.019	Dieldrin
GPML	11/12/1997	U	0.0096	Endosulfan I	GPML	11/12/1997	U	0.0095	Endosulfan I
GPML	11/12/1997	U	0.0096	Endosulfan II	GPML	11/12/1997	U	0.0095	Endosulfan II
GPML	11/12/1997	U	0.019	Endosulfan Sulfate	GPML	11/12/1997	U	0.019	Endosulfan Sulfate
GPML	11/12/1997	U	0.019	Endrin	GPML	11/12/1997	U	0.019	Endrin
GPML	11/12/1997	U	0.019	Endrin Aldehyde	GPML	11/12/1997	U	0.019	Endrin Aldehyde
GPML	11/12/1997	U	0.0096	Heptachlor	GPML	11/12/1997	U	0.0095	Heptachlor
GPML	11/12/1997	U	0.0096	Heptachlor Epoxide	GPML	11/12/1997	U	0.0095	Heptachlor Epoxide
GPML	11/12/1997	U	0.72	Toxaphene	GPML	11/12/1997	U	0.71	Toxaphene
GPML	11/12/1997	U	0.019	Chlorothalonil	GPML	11/12/1997	U	0.019	Chlorothalonil
GPML	11/12/1997	U		Oxadiazon	GPML	11/12/1997	U		Oxadiazon
GPML	11/12/1997	U	0.29	Alachlor	GPML	11/12/1997	U	0.29	Alachlor
GPML	11/12/1997	U	0.048	Ametryn	GPML	11/12/1997	U	0.048	Ametryn
GPML	11/12/1997	U	0.048	Atrazine	GPML	11/12/1997	U	0.048	Atrazine
GPML	11/12/1997	U	0.19	Azinphos Methyl	GPML	11/12/1997	U	0.19	Azinphos Methyl
GPML	11/12/1997	U	0.29	Bromacil	GPML	11/12/1997	U	0.29	Bromacil
GPML	11/12/1997	U	0.096	Butylate	GPML	11/12/1997	U	0.095	Butylate
GPML	11/12/1997	U	0.096	Chlorpyrifos Ethyl	GPML	11/12/1997	U	0.095	Chlorpyrifos Ethyl
GPML	11/12/1997	U	0.096	Chlorpyrifos Methyl	GPML	11/12/1997	U	0.095	Chlorpyrifos Methyl
GPML	11/12/1997	U	0.096	Diazinon	GPML	11/12/1997	U	0.095	Diazinon
GPML	11/12/1997	U	0.048	Ethion	GPML	11/12/1997	U	0.048	Ethion
GPML	11/12/1997	U	0.096	Ethoprop	GPML	11/12/1997	U	0.095	Ethoprop
GPML	11/12/1997	U	0.29	Fenamiphos	GPML	11/12/1997	U	0.29	Fenamiphos
GPML	11/12/1997	U	0.096	Fonofos	GPML	11/12/1997	U	0.095	Fonofos

Station ID	Date	LabCode	Value ug/l	Parameter	Station ID	Date	LabCode	Value ug/l	Parameter
GPML	11/12/1997	U	0.14	Malathion	GPML	11/12/1997	U	0.14	Malathion
GPML	11/12/1997	U	0.58	Metalaxyl	GPML	11/12/1997	U	0.57	Metalaxyl
GPML	11/12/1997	U	0.48	Metolachlor	GPML	11/12/1997	U	0.48	Metolachlor
GPML	11/12/1997	U	0.19	Metribuzin	GPML	11/12/1997	U	0.19	Metribuzin
GPML	11/12/1997	U	0.24	Mevinphos	GPML	11/12/1997	U	0.24	Mevinphos
GPML	11/12/1997	U	0.77	Naled	GPML	11/12/1997	U	0.76	Naled
GPML	11/12/1997	U	0.096	Parathion Methyl	GPML	11/12/1997	U	0.095	Parathion Methyl
GPML	11/12/1997	U	0.096	Parathion Ethyl	GPML	11/12/1997	U	0.095	Parathion Ethyl
GPML	11/12/1997	U	0.096	Phorate	GPML	11/12/1997	U	0.095	Phorate
GPML	11/12/1997	U	0.096	Prometryn	GPML	11/12/1997	U	0.095	Prometryn
GPML	11/12/1997	U	0.048	Simazine	GPML	11/12/1997	U	0.048	Simazine
GPML	11/12/1997	U	0.29	Prodiamine	GPML	11/12/1997	U	0.29	Prodiamine

StationID	Date	Value	ParamID	Lab
GCG13	2/27/1997	796	Conductivity	Hydrolab
GCML	2/27/1997	792	Conductivity	Hydrolab
GCT10	2/27/1997	715	Conductivity	Hydrolab
GCG13	2/27/1997	0.2	Dissolved Oxygen	Hydrolab
GCML	2/27/1997	0.4	Dissolved Oxygen	Hydrolab
GCT10	2/27/1997	0.41	Oxygen	Hydrolab
GCG13	2/27/1997	7	pH	Hydrolab
GCML	2/27/1997	7	pH	Hydrolab
GCT10	2/27/1997	7.07	pH	Hydrolab
GCG13	2/27/1997	595	Redox	Hydrolab
GCML	2/27/1997	136	Redox	Hydrolab
GCT10	2/27/1997	536	Redox	Hydrolab
GCG13	2/27/1997	na	Salinity	Hydrolab
GCML	2/27/1997	na	Salinity	Hydrolab
GCT10	2/27/1997	na	Salinity	Hydrolab
GCG13	2/27/1997	22.75	Temp	Hydrolab
GCML	2/27/1997	24.51	Temp	Hydrolab
GCT10	2/27/1997	24.03	Temp	Hydrolab
GCG13	5/14/1997	799	Conductivity	Hydrolab
GCML	5/14/1997	815	Conductivity	Hydrolab
GCT10	5/14/1997	667	Conductivity	Hydrolab
GCG13	5/14/1997	0.22	Dissolved Oxygen	Hydrolab
GCML	5/14/1997	0.23	Dissolved Oxygen	Hydrolab
GCT10	5/14/1997	0.26	Oxygen	Hydrolab
GCG13	5/14/1997	6.63	pH	Hydrolab
StationID	Date	Value	ParamID	Lab
GCML	5/14/1997	6.54	pH	Hydrolab
GCT10	5/14/1997	6.66	pH	Hydrolab
GCG13	5/14/1997	236	Redox	Hydrolab
GCML	5/14/1997	260	Redox	Hydrolab
GCT10	5/14/1997	233	Redox	Hydrolab
GCG13	5/14/1997	0.4	Salinity	Hydrolab
GCML	5/14/1997	0.4	Salinity	Hydrolab
GCT10	5/14/1997	0.3	Salinity	Hydrolab
GCG13	5/14/1997	24.9	Temp	Hydrolab
GCML	5/14/1997	26.44	Temp	Hydrolab
GCT10	5/14/1997	26.06	Temp	Hydrolab
GCG13	8/12/1997	737	Conductivity	Hydrolab
GCML	8/12/1997	na	Conductivity	Hydrolab
GCT10	8/12/1997	na	Conductivity	Hydrolab
GCG14	8/12/1997	na	Dissolved	Hydrolab

StationID	Date	Value	ParamID	Lab
GCG13	2/27/1997	783	Conductivity	Hydrolab
GCML	2/27/1997	807	Conductivity	Hydrolab
GCT10	2/27/1997	808	Conductivity	Hydrolab
GCG13	2/27/1997	0.71	Dissolved Oxygen	Hydrolab
GCML	2/27/1997	0.22	Dissolved Oxygen	Hydrolab
GCT10	2/27/1997	0.6	Oxygen	Hydrolab
GCG13	2/27/1997	6.99	pH	Hydrolab
GCML	2/27/1997	6.95	pH	Hydrolab
GCT10	2/27/1997	7.04	pH	Hydrolab
GCG13	2/27/1997	578	Redox	Hydrolab
GCML	2/27/1997	541	Redox	Hydrolab
GCT10	2/27/1997	529	Redox	Hydrolab
GCG13	2/27/1997	na	Salinity	Hydrolab
GCML	2/27/1997	na	Salinity	Hydrolab
GCT10	2/27/1997	na	Salinity	Hydrolab
GCG13	2/27/1997	23.74	Temp	Hydrolab
GCML	2/27/1997	23.97	Temp	Hydrolab
GCT10	2/27/1997	24.78	Temp	Hydrolab
GCG13	5/14/1997	779	Conductivity	Hydrolab
GCML	5/14/1997	792	Conductivity	Hydrolab
GCT10	5/14/1997	810	Conductivity	Hydrolab
GCG13	5/14/1997	0.23	Dissolved Oxygen	Hydrolab
GCML	5/14/1997	0.15	Dissolved Oxygen	Hydrolab
GCT10	5/14/1997	0.25	Oxygen	Hydrolab
GCG13	5/14/1997	6.59	pH	Hydrolab
StationID	Date	Value	ParamID	Lab
GCML	5/14/1997	6.64	pH	Hydrolab
GCT10	5/14/1997	6.74	pH	Hydrolab
GCG13	5/14/1997	235	Redox	Hydrolab
GCML	5/14/1997	242	Redox	Hydrolab
GCT10	5/14/1997	262	Redox	Hydrolab
GCG13	5/14/1997	0.4	Salinity	Hydrolab
GCML	5/14/1997	0.4	Salinity	Hydrolab
GCT10	5/14/1997	0.4	Salinity	Hydrolab
GCG13	5/14/1997	24.71	Temp	Hydrolab
GCML	5/14/1997	25.75	Temp	Hydrolab
GCT10	5/14/1997	25.65	Temp	Hydrolab
GCG13	8/12/1997	785	Conductivity	Hydrolab
GCML	8/12/1997	na	Conductivity	Hydrolab
GCT10	8/12/1997	na	Conductivity	Hydrolab
GCG13	8/12/1997	na	Dissolved	Hydrolab

GCML	8/12/1997	na	Oxygen Dissolved	Hydrolab	GCML	8/12/1997	na	Oxygen Dissolved	Hydrolab
GCT11	8/12/1997	na	Oxygen Dissolved	Hydrolab	GCT10	8/12/1997	na	Oxygen	Hydrolab
GCG13	8/12/1997	6.77	pH	Hydrolab	GCG13	8/12/1997	6.83	pH	Hydrolab
GCML	8/12/1997	na	pH	Hydrolab	GCML	8/12/1997	na	pH	Hydrolab
GCT10	8/12/1997	na	pH	Hydrolab	GCT10	8/12/1997	na	pH	Hydrolab
GCG13	8/12/1997	94	Redox	Hydrolab	GCG13	8/12/1997	92	Redox	Hydrolab
GCML	8/12/1997	na	Redox	Hydrolab	GCML	8/12/1997	na	Redox	Hydrolab
GCT10	8/12/1997	na	Redox	Hydrolab	GCT10	8/12/1997	na	Redox	Hydrolab
GCG13	8/12/1997	0.4	Salinity	Hydrolab	GCG13	8/12/1997	0.4	Salinity	Hydrolab
GCML	8/12/1997	na	Salinity	Hydrolab	GCML	8/12/1997	na	Salinity	Hydrolab
GCT10	8/12/1997	na	Salinity	Hydrolab	GCT10	8/12/1997	na	Salinity	Hydrolab
GCG13	8/12/1997	27.61	Temperature	Hydrolab	GCG13	8/12/1997	26.64	Temperature	Hydrolab
GCML	8/12/1997	na	Temperature	Hydrolab	GCML	8/12/1997	na	Temperature	Hydrolab
GCT10	8/12/1997	na	Temperature	Hydrolab	GCT10	8/12/1997	na	Temperature	Hydrolab
GCG13	11/13/1997	650	Conductivity	Hydrolab	GCG13	11/13/1997	774	Conductivity	Hydrolab
GCML	11/13/1997	647	Conductivity	Hydrolab	GCML	11/13/1997	706	Conductivity	Hydrolab
GCT10	11/13/1997	738	Conductivity	Hydrolab	GCT10	11/13/1997	577	Conductivity	Hydrolab
GCG13	11/13/1997	0.28	Oxygen Dissolved	Hydrolab	GCG13	11/13/1997	0.25	Oxygen Dissolved	Hydrolab
GCML	11/13/1997	0.23	Oxygen Dissolved	Hydrolab	GCML	11/13/1997	0.31	Oxygen Dissolved	Hydrolab
GCT10	11/13/1997	0.25	Oxygen	Hydrolab	GCT10	11/13/1997	0.31	Oxygen	Hydrolab
GCG13	11/13/1997	6.76	pH	Hydrolab	GCG13	11/13/1997	6.89	pH	Hydrolab
GCML	11/13/1997	6.58	pH	Hydrolab	GCML	11/13/1997	6.78	pH	Hydrolab
GCT10	11/13/1997	6.79	pH	Hydrolab	GCT10	11/13/1997	6.7	pH	Hydrolab
GCG13	11/13/1997	505	Redox	Hydrolab	GCG13	11/13/1997	550	Redox	Hydrolab
GCML	11/13/1997	411	Redox	Hydrolab	GCML	11/13/1997	453	Redox	Hydrolab
GCT10	11/13/1997	550	Redox	Hydrolab	GCT10	11/13/1997	493	Redox	Hydrolab
StationID	Date	Value (mg/l)	ParamID	Lab	StationID	Date	Value (mg/l)	ParamID	Lab
GCG13	11/13/1997	0.3	Salinity	Hydrolab	GCG13	11/13/1997	0.4	Salinity	Hydrolab
GCML	11/13/1997	0.3	Salinity	Hydrolab	GCML	11/13/1997	0.4	Salinity	Hydrolab
GCT10	11/13/1997	0.4	Salinity	Hydrolab	GCT10	11/13/1997	0.3	Salinity	Hydrolab
GCG13	11/13/1997	25.3	Temperature	Hydrolab	GCG13	11/13/1997	25.39	Temperature	Hydrolab
GCML	11/13/1997	26.28	Temperature	Hydrolab	GCML	11/13/1997	26.13	Temperature	Hydrolab
GCT10	11/13/1997	26.3	Temperature	Hydrolab	GCT10	11/13/1997	26.24	Temperature	Hydrolab
GCG13	2/27/1997	6.77	NOX-N	DERM	GCG13	2/27/1997	1.99	NOX-N	DERM
GCT10	2/27/1997	7.94	NOX-N	DERM	GCML	2/27/1997	3.25	NOX-N	DERM
GCML	2/27/1997	11.23	NOX-N	DERM	GCT10	2/27/1997	3.28	NOX-N	DERM
GCG13	5/14/1997	5.38	NOX-N	PBS&J	GCG13	5/14/1997	2.04	NOX-N	PBS&J
GCT10	5/14/1997	6.47	NOX-N	PBS&J	GCT10	5/14/1997	2.83	NOX-N	PBS&J
GCML	5/14/1997	10.3	NOX-N	PBS&J	GCML	5/14/1997	6.38	NOX-N	PBS&J
GCG13	8/12/1997	1.4	NOX-N	PBS&J	GCG13	8/12/1997	4.96	NOX-N	PBS&J
GCT10	8/12/1997	8.24	NOX-N	PBS&J	GCT10	8/12/1997	1.58	NOX-N	PBS&J
GCML	8/12/1997	4.65	NOX-N	PBS&J	GCML	8/12/1997	ls	NOX-N	PBS&J
GCG13	11/13/1997	0.11	NOX-N	PBS&J	GCG13	11/13/1997	8.34	NOX-N	PBS&J

GCT10	11/13/1997	9.24	NOX-N	PBS&J	GCT10	11/13/1997	2.74	NOX-N	PBS&J
GCML	11/13/1997	2.86	NOX-N	PBS&J	GCML	11/13/1997	0.4	NOX-N	PBS&J
GCG13	2/27/1997	0.176	TPO4	DERM	GCG13	2/27/1997	0.646	TPO4	DERM
GCML	2/27/1997	0.09	TPO4	DERM	GCML	2/27/1997	0.027	TPO4	DERM
GCT10	2/27/1997	0.322	TPO4	DERM	GCT10	2/27/1997	1.069	TPO4	DERM
GCG13	5/14/1997	0.07(I)	TPO4	PBS&J	GCG13	5/14/1997	0.09(I)	TPO4	PBS&J
GCML	5/14/1997	0.07(I)	TPO4	PBS&J	GCML	5/14/1997	0.06(I)	TPO4	PBS&J
GCT10	5/14/1997	0.34	TPO4	PBS&J	GCT10	5/14/1997	0.09(I)	TPO4	PBS&J
GCG13	8/12/1997	0.05(I)	TPO4	PBS&J	GCG13	8/12/1997	0.09	TPO4	PBS&J
GCML	8/12/1997	0.04(I)	TPO4	PBS&J	GCT10	8/12/1997	0.04(I)	TPO4	PBS&J
GCT10	8/12/1997	0.48	TPO4	PBS&J	GCML	8/12/1997	ls	TPO4	PBS&J
GCG13	11/13/1997	0.08(I)	TPO4	PBS&J	GCG13	11/13/1997	0.06(I)	TPO4	PBS&J
GCML	11/13/1997	0.04(I)	TPO4	PBS&J	GCML	11/13/1997	0.03(I)	TPO4	PBS&J
GCT10	11/13/1997	0.53	TPO4	PBS&J	GCT10	11/13/1997	0.07(I)	TPO4	PBS&J
GCG13	2/27/1997	8.2	17	Arsenic	GCG13	2/27/1997	3.3	2(U)	Arsenic
GCG13	5/14/1997	11	12.1	Arsenic	GCG13	5/14/1997	5.1	2(U)	Arsenic
GCG13	8/12/1997	13.6	12	Arsenic	GCG13	8/12/1997	2(U)	2(U)	Arsenic
GCG13	11/13/1997	10.1	15	Arsenic	GCG13	11/13/1997	2(U)	4(I)	Arsenic
GCML	2/27/1997	18.3	27	Arsenic	GCML	2/27/1997	2(U)	2(U)	Arsenic
GCML	5/14/1997	21.7	31.6	Arsenic	GCML	5/14/1997	2(U)	2(U)	Arsenic
GCML	8/12/1997	19.5	29	Arsenic	GCML	8/12/1997	2(U)	2(U)	Arsenic
GCML	11/13/1997	24.8	31	Arsenic	GCML	11/13/1997	2(U)	3(U)	Arsenic
GCT10	2/27/1997	78.8	83	Arsenic	GCT10	2/27/1997	4.7	4(I)	Arsenic
GCT10	5/14/1997	121	86	Arsenic	GCT10	5/14/1997	2(U)	2(U)	Arsenic
GCT10	8/12/1997	125.6	121	Arsenic	GCT10	8/12/1997	2.2	2(I)	Arsenic
GCT10	11/13/1997	122.7	123	Arsenic	GCT10	11/13/1997	2	3(I)	Arsenic
Station ID	Date	LabCode	Value	Parameter	Station ID	Date	LabCode	Value	Parameter
GCML	2/27/1997	U	0.3	Alachlor	GCML	2/27/1997	U	0.29	Alachlor
GCML	2/27/1997	U	0.05	Ametryn	GCML	2/27/1997	U	0.048	Ametryn
GCML	2/27/1997	U	0.05	Atrazine	GCML	2/27/1997	U	0.048	Atrazine
GCML	2/27/1997	U	0.2	Azinphos Methyl	GCML	2/27/1997	U	0.19	Azinphos Methyl
Station ID	Date	LabCode	Value	Parameter	Station ID	Date	LabCode	Value	Parameter
GCML	2/27/1997	U	0.3	Bromacil	GCML	2/27/1997	U	0.29	Bromacil
GCML	2/27/1997	U	0.1	Butylate	GCML	2/27/1997	U	0.095	Butylate
GCML	2/27/1997	U	0.1	Chlorpyrifos Ethyl	GCML	2/27/1997	U	0.095	Chlorpyrifos Ethyl
GCML	2/27/1997	U	0.1	Chlorpyrifos Methyl	GCML	2/27/1997	U	0.095	Chlorpyrifos Methyl
GCML	2/27/1997	U	0.1	Diazinon	GCML	2/27/1997	U	0.095	Diazinon
GCML	2/27/1997	U	0.05	Ethion	GCML	2/27/1997	U	0.048	Ethion
GCML	2/27/1997	U	0.1	Ethoprop	GCML	2/27/1997	U	0.095	Ethoprop
GCML	2/27/1997	U	0.3	Fenamiphos	GCML	2/27/1997	U	0.29	Fenamiphos
GCML	2/27/1997	U	0.1	Fonofos	GCML	2/27/1997	U	0.095	Fonofos
GCML	2/27/1997	U	0.15	Malathion	GCML	2/27/1997	U	0.14	Malathion
GCML	2/27/1997	U	0.6	Metalaxyl	GCML	2/27/1997	U	0.57	Metalaxyl
GCML	2/27/1997	U	0.5	Metolachlor	GCML	2/27/1997	U	0.48	Metolachlor
GCML	2/27/1997	U	0.2	Metribuzin	GCML	2/27/1997	U	0.19	Metribuzin
GCML	2/27/1997	U	0.25	Mevinphos	GCML	2/27/1997	U	0.24	Mevinphos
GCML	2/27/1997	U	0.8	Naled	GCML	2/27/1997	U	0.76	Naled

GCML	2/27/1997	U	0.1	Parathion Methyl	GCML	2/27/1997	U	0.095	Parathion Methyl
GCML	2/27/1997	U	0.1	Parathion Ethyl	GCML	2/27/1997	U	0.095	Parathion Ethyl
GCML	2/27/1997	U	0.1	Phorate	GCML	2/27/1997	U	0.095	Phorate
GCML	2/27/1997	U	0.1	Prometryn	GCML	2/27/1997	U	0.095	Prometryn
GCML	2/27/1997	U	0.05	Simazine	GCML	2/27/1997	U	0.048	Simazine
GCML	2/27/1997	U	0.25	Prodiamine	GCML	2/27/1997	U	0.24	Prodiamine
GCML	2/27/1997	U	0.01	Aldrin	GCML	2/27/1997	U	0.0095	Aldrin
GCML	2/27/1997	U	0.01	Alpha-BHC	GCML	2/27/1997	U	0.0095	Alpha-BHC
GCML	2/27/1997	U	0.02	Beta-BHC	GCML	2/27/1997	U	0.019	Beta-BHC
GCML	2/27/1997	U	0.01	Delta-BHC	GCML	2/27/1997	U	0.0095	Delta-BHC
GCML	2/27/1997	U	0.01	Gamma-BHC	GCML	2/27/1997	U	0.0095	Gamma-BHC
GCML	2/27/1997	U	0.03	Carbophenothion	GCML	2/27/1997	U	0.029	Carbophenothion
GCML	2/27/1997	U	0.1	Chlordane	GCML	2/27/1997	U	0.095	Chlordane
GCML	2/27/1997	U	0.02	Chlorothalonil	GCML	2/27/1997	U	0.019	Chlorothalonil
GCML	2/27/1997	U	0.02	DDD-p,p'	GCML	2/27/1997	U	0.019	DDD-p,p'
GCML	2/27/1997	U	0.02	DDE-p,p'	GCML	2/27/1997	U	0.019	DDE-p,p'
GCML	2/27/1997	U	0.02	DDT-p,p'	GCML	2/27/1997	U	0.019	DDT-p,p'
GCML	2/27/1997	U	0.02	Dicofol	GCML	2/27/1997	U	0.019	Dicofol
GCML	2/27/1997	U	0.02	Dieldrin	GCML	2/27/1997	U	0.019	Dieldrin
GCML	2/27/1997	U	0.01	Endosulfan I	GCML	2/27/1997	U	0.0095	Endosulfan I
GCML	2/27/1997	U	0.01	Endosulfan II	GCML	2/27/1997	U	0.0095	Endosulfan II
GCML	2/27/1997	U	0.02	Endosulfan Sulfate	GCML	2/27/1997	U	0.019	Endosulfan Sulfate
GCML	2/27/1997	U	0.02	Endrin	GCML	2/27/1997	U	0.019	Endrin
GCML	2/27/1997	U	0.02	Endrin Aldehyde	GCML	2/27/1997	U	0.019	Endrin Aldehyde
GCML	2/27/1997	U	0.01	Heptachlor	GCML	2/27/1997	U	0.0095	Heptachlor
GCML	2/27/1997	U	0.01	Heptachlor Epoxide	GCML	2/27/1997	U	0.0095	Heptachlor Epoxide
GCML	2/27/1997	U	0.05	Methoxychlor	GCML	2/27/1997	U	0.048	Methoxychlor
GCML	2/27/1997	U	0.02	Mirex	GCML	2/27/1997	U	0.019	Mirex
Station ID	Date	LabCode	Value	Parameter	Station ID	Date	LabCode	Value	Parameter
GCML	2/27/1997	U	0.75	Toxaphene	GCML	2/27/1997	U	0.71	Toxaphene
GCML	2/27/1997	U	0.02	Trifluralin/Benfluralin	GCML	2/27/1997	U	0.019	Trifluralin/Benfluralin
GCML	2/27/1997	U	0.2	PCB-1016	GCML	2/27/1997	U	0.19	PCB-1016
GCML	2/27/1997	U	0.2	PCB-1221	GCML	2/27/1997	U	0.19	PCB-1221
GCML	2/27/1997	U	0.2	PCB-1232	GCML	2/27/1997	U	0.19	PCB-1232
GCML	2/27/1997	U	0.2	PCB-1242	GCML	2/27/1997	U	0.19	PCB-1242
GCML	2/27/1997	U	0.2	PCB-1248	GCML	2/27/1997	U	0.19	PCB-1248
GCML	2/27/1997	U	0.2	PCB-1254	GCML	2/27/1997	U	0.19	PCB-1254
GCML	2/27/1997	U	0.2	PCB-1260	GCML	2/27/1997	U	0.19	PCB-1260
GCML	2/27/1997	U	0.04	Oxadiazon	GCML	2/27/1997	U		Oxadiazon
GCT10	2/27/1997	U	0.0094	Aldrin	GCT10	2/27/1997	U	0.0097	Aldrin
GCT10	2/27/1997	U	0.0094	Alpha-BHC	GCT10	2/27/1997	U	0.0097	Alpha-BHC
GCT10	2/27/1997	U	0.019	Beta-BHC	GCT10	2/27/1997	U	0.019	Beta-BHC
GCT10	2/27/1997	U	0.0094	Delta-BHC	GCT10	2/27/1997	U	0.0097	Delta-BHC
GCT10	2/27/1997	U	0.0094	Gamma-BHC	GCT10	2/27/1997	U	0.0097	Gamma-BHC
GCT10	2/27/1997	U	0.028	Carbophenothion	GCT10	2/27/1997	U	0.029	Carbophenothion

GCT10	2/27/1997	I	0.69	Chlordane	GCT10	2/27/1997	U	0.097	Chlordane
GCT10	2/27/1997	U	0.019	Chlorothalonil	GCT10	2/27/1997	U	0.019	Chlorothalonil
GCT10	2/27/1997	U	0.019	DDD-p,p'	GCT10	2/27/1997	U	0.019	DDD-p,p'
GCT10	2/27/1997	U	0.019	DDE-p,p'	GCT10	2/27/1997	U	0.019	DDE-p,p'
GCT10	2/27/1997	U	0.019	DDT-p,p'	GCT10	2/27/1997	U	0.019	DDT-p,p'
GCT10	2/27/1997	U	0.019	Dicofol	GCT10	2/27/1997	U	0.019	Dicofol
GCT10	2/27/1997		0.49	Dieldrin	GCT10	2/27/1997	U	0.019	Dieldrin
GCT10	2/27/1997	U	0.0094	Endosulfan I	GCT10	2/27/1997	U	0.0097	Endosulfan I
GCT10	2/27/1997	U	0.0094	Endosulfan II	GCT10	2/27/1997	U	0.0097	Endosulfan II
GCT10	2/27/1997	U	0.019	Endosulfan Sulfate	GCT10	2/27/1997	U	0.019	Endosulfan Sulfate
GCT10	2/27/1997	U	0.019	Endrin	GCT10	2/27/1997	U	0.019	Endrin
GCT10	2/27/1997	U	0.019	Endrin Aldehyde	GCT10	2/27/1997	U	0.019	Endrin Aldehyde
GCT10	2/27/1997	U	0.0094	Heptachlor	GCT10	2/27/1997	U	0.0097	Heptachlor
GCT10	2/27/1997	I	0.015	Heptachlor Epoxide	GCT10	2/27/1997	U	0.0097	Heptachlor Epoxide
GCT10	2/27/1997	U	0.019	PCB-1242	GCT10	2/27/1997	U	0.19	PCB-1242
GCT10	2/27/1997	U	0.019	PCB-1248	GCT10	2/27/1997	U	0.19	PCB-1248
GCT10	2/27/1997	U	0.019	PCB-1254	GCT10	2/27/1997	U	0.19	PCB-1254
GCT10	2/27/1997	U	0.019	PCB-1260	GCT10	2/27/1997	U	0.19	PCB-1260
GCT10	2/27/1997	J	0.14	Oxadiazon	GCT10	2/27/1997	U		Oxadiazon
GCT10	2/27/1997	U	0.019	Mirex	GCT10	2/27/1997	U	0.019	Mirex
GCT10	2/27/1997	I	0.91	Toxaphene	GCT10	2/27/1997	U	0.73	Toxaphene
GCT10	2/27/1997	U	0.019	Trifluralin/Benfluralin	GCT10	2/27/1997	U	0.019	Trifluralin/Benfluralin
GCT10	2/27/1997	U	0.019	PCB-1016	GCT10	2/27/1997	U	0.19	PCB-1016
GCT10	2/27/1997	U	0.019	PCB-1221	GCT10	2/27/1997	U	0.19	PCB-1221
GCT10	2/27/1997	U	0.019	PCB-1232	GCT10	2/27/1997	U	0.19	PCB-1232
GCT10	2/27/1997	U	0.28	Alachlor	GCT10	2/27/1997	U	0.29	Alachlor
GCT10	2/27/1997	U	0.047	Ametryn	GCT10	2/27/1997	U	0.049	Ametryn
GCT10	2/27/1997	U	0.047	Atrazine	GCT10	2/27/1997	U	0.049	Atrazine
Station ID	Date	LabCode	Value	Parameter	Station ID	Date	LabCode	Value	Parameter
GCT10	2/27/1997	U	0.19	Azinphos Methyl	GCT10	2/27/1997	U	0.19	Azinphos Methyl
GCT10	2/27/1997	U	0.28	Bromacil	GCT10	2/27/1997	U	0.29	Bromacil
GCT10	2/27/1997	U	0.094	Butylate	GCT10	2/27/1997	U	0.097	Butylate
GCT10	2/27/1997	U	0.094	Chlorpyrifos Ethyl	GCT10	2/27/1997	U	0.097	Chlorpyrifos Ethyl
GCT10	2/27/1997	U	0.094	Chlorpyrifos Methyl	GCT10	2/27/1997	U	0.097	Chlorpyrifos Methyl
GCT10	2/27/1997	U	0.094	Diazinon	GCT10	2/27/1997	U	0.097	Diazinon
GCT10	2/27/1997	U	0.047	Ethion	GCT10	2/27/1997	U	0.049	Ethion
GCT10	2/27/1997	U	0.094	Ethoprop	GCT10	2/27/1997	U	0.097	Ethoprop
GCT10	2/27/1997	U	0.28	Fenamiphos	GCT10	2/27/1997	U	0.29	Fenamiphos
GCT10	2/27/1997	U	0.094	Fonofos	GCT10	2/27/1997	U	0.097	Fonofos
GCT10	2/27/1997	U	0.14	Malathion	GCT10	2/27/1997	U	0.15	Malathion
GCT10	2/27/1997	U	0.57	Metalaxyl	GCT10	2/27/1997	U	0.58	Metalaxyl
GCT10	2/27/1997	U	0.47	Metolachlor	GCT10	2/27/1997	U	0.49	Metolachlor
GCT10	2/27/1997	U	0.19	Metribuzin	GCT10	2/27/1997	U	0.19	Metribuzin
GCT10	2/27/1997	U	0.24	Mevinphos	GCT10	2/27/1997	U	0.24	Mevinphos

GCT10	2/27/1997	U	0.75	Naled	GCT10	2/27/1997	U	0.78	Naled
GCT10	2/27/1997	U	0.094	Parathion Methyl	GCT10	2/27/1997	U	0.097	Parathion Methyl
GCT10	2/27/1997	U	0.094	Parathion Ethyl	GCT10	2/27/1997	U	0.097	Parathion Ethyl
GCT10	2/27/1997	U	0.094	Phorate	GCT10	2/27/1997	U	0.097	Phorate
GCT10	2/27/1997	U	0.094	Prometryn	GCT10	2/27/1997	U	0.097	Prometryn
GCT10	2/27/1997	U	0.047	Simazine	GCT10	2/27/1997	U	0.049	Simazine
GCT10	2/27/1997	U	0.24	Prodiamine	GCG13	2/27/1997	U	0.01	Aldrin
GCG13	2/27/1997	U	0.0095	Aldrin	GCG13	2/27/1997	U	0.01	Alpha-BHC
GCG13	2/27/1997	U	0.0095	Alpha-BHC	GCG13	2/27/1997	U	0.02	Beta-BHC
GCG13	2/27/1997	U	0.019	Beta-BHC	GCG13	2/27/1997	U	0.01	Delta-BHC
GCG13	2/27/1997	U	0.0095	Delta-BHC	GCG13	2/27/1997	U	0.01	Gamma-BHC
GCG13	2/27/1997	U	0.0095	Gamma-BHC	GCG13	2/27/1997	U	0.03	Carbophenothion
GCG13	2/27/1997	U	0.029	Carbophenothion	GCG13	2/27/1997	U	0.1	Chlordane
GCG13	2/27/1997	U	0.095	Chlordane	GCG13	2/27/1997	U	0.02	Chlorothalonil
GCG13	2/27/1997	U	0.019	Chlorothalonil	GCG13	2/27/1997	U	0.02	DDD-p,p'
GCG13	2/27/1997	U	0.019	DDD-p,p'	GCG13	2/27/1997	U	0.02	DDE-p,p'
GCG13	2/27/1997	U	0.019	DDE-p,p'	GCG13	2/27/1997	U	0.02	DDT-p,p'
GCG13	2/27/1997	U	0.019	DDT-p,p'	GCG13	2/27/1997	U	0.02	Dicofol
GCG13	2/27/1997	U	0.019	Dicofol	GCG13	2/27/1997	U	0.02	Dieldrin
GCG13	2/27/1997	U	0.019	Dieldrin	GCG13	2/27/1997	U	0.01	Endosulfan I
GCG13	2/27/1997	U	0.0095	Endosulfan I	GCG13	2/27/1997	U	0.01	Endosulfan II
GCG13	2/27/1997	U	0.0095	Endosulfan II	GCG13	2/27/1997	U	0.02	Endosulfan Sulfate
GCG13	2/27/1997	U	0.019	Endosulfan Sulfate	GCG13	2/27/1997	U	0.02	Endrin
GCG13	2/27/1997	U	0.019	Endrin	GCG13	2/27/1997	U	0.02	Endrin Aldehyde
GCG13	2/27/1997	U	0.019	Endrin Aldehyde	GCG13	2/27/1997	U	0.01	Heptachlor
GCG13	2/27/1997	U	0.0095	Heptachlor	GCG13	2/27/1997	U	0.01	Heptachlor Epoxide
GCG13	2/27/1997	U	0.0095	Heptachlor Epoxide	GCG13	2/27/1997	U	0.05	Methoxychlor
GCG13	2/27/1997	U	0.048	Methoxychlor	GCG13	2/27/1997	U	0.02	Mirex
Station ID	Date	LabCode	Value	Parameter	Station ID	Date	LabCode	Value	Parameter
GCG13	2/27/1997	U	0.019	Mirex	GCG13	2/27/1997	U	0.75	Toxaphene
GCG13	2/27/1997	U	0.71	Toxaphene	GCG13	2/27/1997	U	0.02	Trifluralin/Benfluralin
GCG13	2/27/1997	U	0.019	Trifluralin/Benfluralin	GCG13	2/27/1997	U	0.2	PCB-1016
GCG13	2/27/1997	U	0.19	PCB-1016	GCG13	2/27/1997	U	0.2	PCB-1221
GCG13	2/27/1997	U	0.19	PCB-1221	GCG13	2/27/1997	U	0.2	PCB-1232
GCG13	2/27/1997	U	0.19	PCB-1232	GCG13	2/27/1997	U	0.2	PCB-1242
GCG13	2/27/1997	U	0.19	PCB-1242	GCG13	2/27/1997	U	0.2	PCB-1248
GCG13	2/27/1997	U	0.19	PCB-1248	GCG13	2/27/1997	U	0.2	PCB-1254
GCG13	2/27/1997	U	0.19	PCB-1254	GCG13	2/27/1997	U	0.2	PCB-1260
GCG13	2/27/1997	U	0.19	PCB-1260	GCG13	2/27/1997	I	0.043	Oxadiazon
GCG13	2/27/1997	U	0.06	Oxadiazon	GCG13	2/27/1997	U	0.3	Alachlor
GCG13	2/27/1997	U	0.29	Alachlor	GCG13	2/27/1997	U	0.05	Ametryn
GCG13	2/27/1997	U	0.048	Ametryn	GCG13	2/27/1997	U	0.05	Atrazine
GCG13	2/27/1997	U	0.048	Atrazine	GCG13	2/27/1997	U	0.2	Azinphos Methyl
GCG13	2/27/1997	U	0.19	Azinphos Methyl	GCG13	2/27/1997	U	0.3	Bromacil
GCG13	2/27/1997	U	0.29	Bromacil	GCG13	2/27/1997	U	0.1	Butylate

GCG13	2/27/1997	U	0.095	Butylate	GCG13	2/27/1997	U	0.1	Chlorpyrifos Ethyl
GCG13	2/27/1997	U	0.095	Chlorpyrifos Ethyl	GCG13	2/27/1997	U	0.1	Chlorpyrifos Methyl
GCG13	2/27/1997	U	0.095	Chlorpyrifos Methyl	GCG13	2/27/1997	U	0.1	Diazinon
GCG13	2/27/1997	U	0.059	Diazinon	GCG13	2/27/1997	U	0.05	Ethion
GCG13	2/27/1997	U	0.048	Ethion	GCG13	2/27/1997	U	0.1	Ethoprop
GCG13	2/27/1997	U	0.095	Ethoprop	GCG13	2/27/1997	U	0.3	Fenamiphos
GCG13	2/27/1997	U	0.29	Fenamiphos	GCG13	2/27/1997	U	0.1	Fonofos
GCG13	2/27/1997	U	0.095	Fonofos	GCG13	2/27/1997	U	0.15	Malathion
GCG13	2/27/1997	U	0.14	Malathion	GCG13	2/27/1997	U	0.6	Metalaxyl
GCG13	2/27/1997	I	0.87	Metalaxyl	GCG13	2/27/1997	U	0.5	Metolachlor
GCG13	2/27/1997	U	0.48	Metolachlor	GCG13	2/27/1997	U	0.2	Metribuzin
GCG13	2/27/1997	U	0.19	Metribuzin	GCG13	2/27/1997	U	0.25	Mevinphos
GCG13	2/27/1997	U	0.24	Mevinphos	GCG13	2/27/1997	U	0.8	Naled
GCG13	2/27/1997	U	0.76	Naled	GCG13	2/27/1997	U	0.1	Parathion Methyl
GCG13	2/27/1997	U	0.095	Parathion Methyl	GCG13	2/27/1997	U	0.1	Parathion Ethyl
GCG13	2/27/1997	U	0.095	Parathion Ethyl	GCG13	2/27/1997	U	0.1	Phorate
GCG13	2/27/1997	U	0.095	Phorate	GCG13	2/27/1997	U	0.1	Prometryn
GCG13	2/27/1997	U	0.095	Prometryn	GCG13	2/27/1997	U	0.05	Simazine
GCG13	2/27/1997	U	0.048	Simazine	GCG13	2/27/1997	U	0.25	Prodiamine
GCG13	2/27/1997	U	0.24	Prodiamine					
GCG13	5/14/1997	U	0.0095	Aldrin	GCG13	5/14/1997	U	0.01	Aldrin
GCG13	5/14/1997	U	0.0095	Alpha-BHC	GCG13	5/14/1997	U	0.01	Alpha-BHC
GCG13	5/14/1997	U	0.019	Beta-BHC	GCG13	5/14/1997	U	0.02	Beta-BHC
GCG13	5/14/1997	U	0.0095	Delta-BHC	GCG13	5/14/1997	U	0.01	Delta-BHC
GCG13	5/14/1997	U	0.0095	Gamma-BHC	GCG13	5/14/1997	U	0.01	Gamma-BHC
GCG13	5/14/1997	U	0.029	Carbophenothion	GCG13	5/14/1997	U	0.03	Carbophenothion
GCG13	5/14/1997	U	0.095	Chlordane	GCG13	5/14/1997	U	0.1	Chlordane
GCG13	5/14/1997	U	0.019	Chlorothalonil	GCG13	5/14/1997	U	0.02	Chlorothalonil
GCG13	5/14/1997	U	0.019	DDD-p,p'	GCG13	5/14/1997	U	0.02	DDD-p,p'
Station ID	Date	LabCode	Value	Parameter	Station ID	Date	LabCode	Value	Parameter
GCG13	5/14/1997	U	0.019	DDE-p,p'	GCG13	5/14/1997	U	0.02	DDE-p,p'
GCG13	5/14/1997	U	0.019	DDT-p,p'	GCG13	5/14/1997	U	0.02	DDT-p,p'
GCG13	5/14/1997	U	0.019	Dicofol	GCG13	5/14/1997	U	0.02	Dicofol
GCG13	5/14/1997	U	0.019	Dieldrin	GCG13	5/14/1997	U	0.02	Dieldrin
GCG13	5/14/1997	U	0.0095	Endosulfan I	GCG13	5/14/1997	U	0.01	Endosulfan I
GCG13	5/14/1997	U	0.0095	Endosulfan II	GCG13	5/14/1997	U	0.01	Endosulfan II
GCG13	5/14/1997	U	0.019	Endosulfan Sulfate	GCG13	5/14/1997	U	0.02	Endosulfan Sulfate
GCG13	5/14/1997	U	0.019	Endrin	GCG13	5/14/1997	U	0.02	Endrin
GCG13	5/14/1997	U	0.019	Endrin Aldehyde	GCG13	5/14/1997	U	0.02	Endrin Aldehyde
GCG13	5/14/1997	U	0.0095	Heptachlor	GCG13	5/14/1997	U	0.01	Heptachlor
GCG13	5/14/1997	U	0.0095	Heptachlor Epoxide	GCG13	5/14/1997	U	0.01	Heptachlor Epoxide
GCG13	5/14/1997	U	0.048	Methoxychlor	GCG13	5/14/1997	U	0.051	Methoxychlor
GCG13	5/14/1997	U	0.019	Mirex	GCG13	5/14/1997	U	0.02	Mirex
GCG13	5/14/1997	U	0.71	Toxaphene	GCG13	5/14/1997	U	0.76	Toxaphene

GCG13	5/14/1997	U	0.019	Trifluralin/Benfluralin	GCG13	5/14/1997	U	0.02	Trifluralin/Benfluralin
GCG13	5/14/1997	U	0.19	PCB-1016	GCG13	5/14/1997	U	0.2	PCB-1016
GCG13	5/14/1997	U	0.19	PCB-1221	GCG13	5/14/1997	U	0.2	PCB-1221
GCG13	5/14/1997	U	0.19	PCB-1232	GCG13	5/14/1997	U	0.2	PCB-1232
GCG13	5/14/1997	U	0.19	PCB-1242	GCG13	5/14/1997	U	0.2	PCB-1242
GCG13	5/14/1997	U	0.19	PCB-1248	GCG13	5/14/1997	U	0.2	PCB-1248
GCG13	5/14/1997	U	0.19	PCB-1254	GCG13	5/14/1997	U	0.2	PCB-1254
GCG13	5/14/1997	U	0.19	PCB-1260	GCG13	5/14/1997	U	0.2	PCB-1260
GCG13	5/14/1997	U	0.061	Oxadiazon	GCG13	5/14/1997	U	0.052	Oxadiazon
GCG13	5/14/1997	U	0.29	Alachlor	GCG13	5/14/1997	U	0.3	Alachlor
GCG13	5/14/1997	U	0.048	Ametryn	GCG13	5/14/1997	U	0.051	Ametryn
GCG13	5/14/1997	U	0.048	Atrazine	GCG13	5/14/1997	U	0.051	Atrazine
GCG13	5/14/1997	U	0.19	Azinphos Methyl	GCG13	5/14/1997	U	0.2	Azinphos Methyl
GCG13	5/14/1997	U	0.29	Bromacil	GCG13	5/14/1997	U	0.3	Bromacil
GCG13	5/14/1997	U	0.095	Butylate	GCG13	5/14/1997	U	0.1	Butylate
GCG13	5/14/1997	U	0.095	Chlorpyrifos Ethyl	GCG13	5/14/1997	U	0.1	Chlorpyrifos Ethyl
GCG13	5/14/1997	U	0.095	Chlorpyrifos Methyl	GCG13	5/14/1997	U	0.1	Chlorpyrifos Methyl
GCG13	5/14/1997	U	0.095	Diazinon	GCG13	5/14/1997	U	0.1	Diazinon
GCG13	5/14/1997	U	0.048	Ethion	GCG13	5/14/1997	U	0.051	Ethion
GCG13	5/14/1997	U	0.095	Ethoprop	GCG13	5/14/1997	U	0.1	Ethoprop
GCG13	5/14/1997	U	0.29	Fenamiphos	GCG13	5/14/1997	U	0.3	Fenamiphos
GCG13	5/14/1997	U	0.095	Fonofos	GCG13	5/14/1997	U	0.1	Fonofos
GCG13	5/14/1997	U	0.14	Malathion	GCG13	5/14/1997	U	0.15	Malathion
GCG13	5/14/1997	I	1.5	Metalaxyl	GCG13	5/14/1997	U	0.61	Metalaxyl
GCG13	5/14/1997	U	0.48	Metolachlor	GCG13	5/14/1997	U	0.51	Metolachlor
GCG13	5/14/1997	U	0.19	Metribuzin	GCG13	5/14/1997	U	0.2	Metribuzin
GCG13	5/14/1997	U	0.24	Mevinphos	GCG13	5/14/1997	U	0.25	Mevinphos
GCG13	5/14/1997	U	0.76	Naled	GCG13	5/14/1997	U	0.81	Naled
GCG13	5/14/1997	U	0.095	Parathion Ethyl	GCG13	5/14/1997	U	0.1	Parathion Ethyl
Station ID	Date	LabCode	Value	Parameter	Station ID	Date	LabCode	Value	Parameter
GCG13	5/14/1997	U	0.095	Parathion Methyl	GCG13	5/14/1997	U	0.1	Parathion Methyl
GCG13	5/14/1997	U	0.095	Phorate	GCG13	5/14/1997	U	0.1	Phorate
GCG13	5/14/1997	U	0.095	Parathion Ethyl	GCG13	5/14/1997	U	0.1	Parathion Ethyl
GCG13	5/14/1997	U	0.095	Phorate	GCG13	5/14/1997	U	0.1	Phorate
GCG13	5/14/1997	U	0.095	Prometryn	GCG13	5/14/1997	U	0.1	Prometryn
GCG13	5/14/1997	U	0.048	Simazine	GCG13	5/14/1997	U	0.051	Simazine
GCG13	5/14/1997	U		Prodiamine	GCG13	5/14/1997	U		Prodiamine
GCT10	5/14/1997	U	0.0094	Aldrin	GCT10	5/14/1997	U	0.0096	Aldrin
GCT10	5/14/1997	U	0.0094	Alpha-BHC	GCT10	5/14/1997	U	0.0096	Alpha-BHC
GCT10	5/14/1997	U	0.019	Beta-BHC	GCT10	5/14/1997	U	0.019	Beta-BHC
GCT10	5/14/1997	U	0.0094	Delta-BHC	GCT10	5/14/1997	U	0.0096	Delta-BHC
GCT10	5/14/1997	U	0.0094	Gamma-BHC	GCT10	5/14/1997	U	0.0096	Gamma-BHC
GCT10	5/14/1997	U	0.028	Carbophenothion	GCT10	5/14/1997	U	0.029	Carbophenothion
GCT10	5/14/1997	U	0.094	Chlordane	GCT10	5/14/1997	U	0.096	Chlordane
GCT10	5/14/1997	U	0.019	Chlorothalonil	GCT10	5/14/1997	U	0.019	Chlorothalonil

GCT10	5/14/1997	U	0.019	DDD-p,p'	GCT10	5/14/1997	U	0.019	DDD-p,p'
GCT10	5/14/1997	U	0.019	DDE-p,p'	GCT10	5/14/1997	U	0.019	DDE-p,p'
GCT10	5/14/1997	U	0.019	DDT-p,p'	GCT10	5/14/1997	U	0.019	DDT-p,p'
GCT10	5/14/1997	U	0.019	Dicofol	GCT10	5/14/1997	U	0.019	Dicofol
GCT10	5/14/1997		0.12	Dieldrin	GCT10	5/14/1997	U	0.019	Dieldrin
GCT10	5/14/1997	U	0.0094	Endosulfan I	GCT10	5/14/1997	U	0.0096	Endosulfan I
GCT10	5/14/1997	U	0.0094	Endosulfan II	GCT10	5/14/1997	U	0.0096	Endosulfan II
GCT10	5/14/1997	U	0.019	Endosulfan Sulfate	GCT10	5/14/1997	U	0.019	Endosulfan Sulfate
GCT10	5/14/1997	U	0.019	Endrin	GCT10	5/14/1997	U	0.019	Endrin
GCT10	5/14/1997	U	0.019	Endrin Aldehyde	GCT10	5/14/1997	U	0.019	Endrin Aldehyde
GCT10	5/14/1997	U	0.0094	Heptachlor	GCT10	5/14/1997	U	0.0096	Heptachlor
GCT10	5/14/1997	U	0.0094	Heptachlor Epoxide	GCT10	5/14/1997	U	0.0096	Heptachlor Epoxide
GCT10	5/14/1997	U	0.047	Methoxychlor	GCT10	5/14/1997	U	0.048	Methoxychlor
GCT10	5/14/1997	U	0.019	Mirex	GCT10	5/14/1997	U	0.019	Mirex
GCT10	5/14/1997	U	0.71	Toxaphene	GCT10	5/14/1997	U	0.72	Toxaphene
GCT10	5/14/1997	U	0.019	Trifluralin/Benfluralin	GCT10	5/14/1997	U	0.019	Trifluralin/Benfluralin
GCT10	5/14/1997	U	0.19	PCB-1016	GCT10	5/14/1997	U	0.19	PCB-1016
GCT10	5/14/1997	U	0.19	PCB-1221	GCT10	5/14/1997	U	0.19	PCB-1221
GCT10	5/14/1997	U	0.19	PCB-1232	GCT10	5/14/1997	U	0.19	PCB-1232
GCT10	5/14/1997	U	0.19	PCB-1242	GCT10	5/14/1997	U	0.19	PCB-1242
GCT10	5/14/1997	U	0.19	PCB-1248	GCT10	5/14/1997	U	0.19	PCB-1248
GCT10	5/14/1997	U	0.19	PCB-1254	GCT10	5/14/1997	U	0.19	PCB-1254
GCT10	5/14/1997	U	0.19	PCB-1260	GCT10	5/14/1997	U	0.19	PCB-1260
GCT10	5/14/1997	U	0.064	Oxadiazon	GCT10	5/14/1997	U	0.0086	Oxadiazon
GCT10	5/14/1997	U	0.28	Alachlor	GCT10	5/14/1997	U	0.29	Alachlor
GCT10	5/14/1997	U	0.047	Ametryn	GCT10	5/14/1997	U	0.048	Ametryn
GCT10	5/14/1997	U	0.047	Atrazine	GCT10	5/14/1997	U	0.048	Atrazine
GCT10	5/14/1997	U	0.19	Azinphos Methyl	GCT10	5/14/1997	U	0.19	Azinphos Methyl
GCT10	5/14/1997	U	0.28	Bromacil	GCT10	5/14/1997	U	0.29	Bromacil
Station ID	Date	LabCode	Value	Parameter	Station ID	Date	LabCode	Value	Parameter
GCT10	5/14/1997	U	0.094	Butylate	GCT10	5/14/1997	U	0.096	Butylate
GCT10	5/14/1997	U	0.094	Chlorpyrifos Ethyl	GCT10	5/14/1997	U	0.096	Chlorpyrifos Ethyl
GCT10	5/14/1997	U	0.094	Chlorpyrifos Methyl	GCT10	5/14/1997	U	0.096	Chlorpyrifos Methyl
GCT10	5/14/1997	U	0.094	Diazinon	GCT10	5/14/1997	U	0.096	Diazinon
GCT10	5/14/1997	U	0.047	Ethion	GCT10	5/14/1997	U	0.048	Ethion
GCT10	5/14/1997	U	0.094	Ethoprop	GCT10	5/14/1997	U	0.096	Ethoprop
GCT10	5/14/1997	U	0.28	Fenamiphos	GCT10	5/14/1997	U	0.29	Fenamiphos
GCT10	5/14/1997	U	0.094	Fonofos	GCT10	5/14/1997	U	0.096	Fonofos
GCT10	5/14/1997	U	0.14	Malathion	GCT10	5/14/1997	U	0.14	Malathion
GCT10	5/14/1997	U	0.57	Metalaxyl	GCT10	5/14/1997	U	0.58	Metalaxyl
GCT10	5/14/1997	U	0.47	Metolachlor	GCT10	5/14/1997	U	0.48	Metolachlor
GCT10	5/14/1997	U	0.19	Metribuzin	GCT10	5/14/1997	U	0.19	Metribuzin
GCT10	5/14/1997	U	0.24	Mevinphos	GCT10	5/14/1997	U	0.24	Mevinphos
GCT10	5/14/1997	U	0.75	Naled	GCT10	5/14/1997	U	0.77	Naled
GCT10	5/14/1997	U	0.094	Parathion Methyl	GCT10	5/14/1997	U	0.096	Parathion Methyl

GCT10	5/14/1997	U	0.094	Parathion Ethyl	GCT10	5/14/1997	U	0.096	Parathion Ethyl
GCT10	5/14/1997	U	0.094	Phorate	GCT10	5/14/1997	U	0.096	Phorate
GCT10	5/14/1997	U	0.094	Prometryn	GCT10	5/14/1997	U	0.096	Prometryn
GCT10	5/14/1997	U	0.047	Simazine	GCT10	5/14/1997	U	0.048	Simazine
GCT10	5/14/1997	U		Prodiamine	GCT10	5/14/1997	U		Prodiamine
GCML	5/14/1997	U	0.01	Aldrin	GCML	5/14/1997	U	0.0097	Aldrin
GCML	5/14/1997	U	0.01	Alpha-BHC	GCML	5/14/1997	U	0.0097	Alpha-BHC
GCML	5/14/1997	U	0.02	Beta-BHC	GCML	5/14/1997	U	0.019	Beta-BHC
GCML	5/14/1997	U	0.01	Delta-BHC	GCML	5/14/1997	U	0.0097	Delta-BHC
GCML	5/14/1997	U	0.01	Gamma-BHC	GCML	5/14/1997	U	0.0097	Gamma-BHC
GCML	5/14/1997	U	0.03	Carbophenothion	GCML	5/14/1997	U	0.029	Carbophenothion
GCML	5/14/1997	U	0.1	Chlordane	GCML	5/14/1997	U	0.097	Chlordane
GCML	5/14/1997	U	0.02	Chlorothalonil	GCML	5/14/1997	U	0.019	Chlorothalonil
GCML	5/14/1997	U	0.02	DDD-p,p'	GCML	5/14/1997	U	0.019	DDD-p,p'
GCML	5/14/1997	U	0.02	DDE-p,p'	GCML	5/14/1997	U	0.019	DDE-p,p'
GCML	5/14/1997	U	0.02	DDT-p,p'	GCML	5/14/1997	U	0.019	DDT-p,p'
GCML	5/14/1997	U	0.02	Dicofol	GCML	5/14/1997	U	0.019	Dicofol
GCML	5/14/1997	U	0.02	Dieldrin	GCML	5/14/1997	U	0.019	Dieldrin
GCML	5/14/1997	U	0.01	Endosulfan I	GCML	5/14/1997	U	0.0097	Endosulfan I
GCML	5/14/1997	U	0.01	Endosulfan II	GCML	5/14/1997	U	0.0097	Endosulfan II
GCML	5/14/1997	U	0.02	Endosulfan Sulfate	GCML	5/14/1997	U	0.019	Endosulfan Sulfate
GCML	5/14/1997	U	0.02	Endrin	GCML	5/14/1997	U	0.019	Endrin
GCML	5/14/1997	U	0.01	Endrin Aldehyde	GCML	5/14/1997	U	0.019	Endrin Aldehyde
GCML	5/14/1997	U	0.01	Heptachlor	GCML	5/14/1997	U	0.0097	Heptachlor
GCML	5/14/1997	U	0.051	Heptachlor Epoxide	GCML	5/14/1997	U	0.0097	Heptachlor Epoxide
GCML	5/14/1997	U	0.02	Methoxychlor	GCML	5/14/1997	U	0.049	Methoxychlor
GCML	5/14/1997	U	0.76	Mirex	GCML	5/14/1997	U	0.019	Mirex
Station ID	Date	LabCode	Value	Parameter	Station ID	Date	LabCode	Value	Parameter
GCML	5/14/1997	U	0.02	Toxaphene	GCML	5/14/1997	U	0.73	Toxaphene
GCML	5/14/1997	U	0.2	Trifluralin/Benfluralin	GCML	5/14/1997	U	0.019	Trifluralin/Benfluralin
GCML	5/14/1997	U	0.2	PCB-1016	GCML	5/14/1997	U	0.19	PCB-1016
GCML	5/14/1997	U	0.2	PCB-1221	GCML	5/14/1997	U	0.19	PCB-1221
GCML	5/14/1997	U	0.2	PCB-1232	GCML	5/14/1997	U	0.19	PCB-1232
GCML	5/14/1997	U	0.2	PCB-1242	GCML	5/14/1997	U	0.19	PCB-1242
GCML	5/14/1997	U	0.2	PCB-1248	GCML	5/14/1997	U	0.19	PCB-1248
GCML	5/14/1997	U	0.2	PCB-1254	GCML	5/14/1997	U	0.19	PCB-1254
GCML	5/14/1997	U	0.2	PCB-1260	GCML	5/14/1997	U	0.19	PCB-1260
GCML	5/14/1997	U	0.04	Oxadiazon	GCML	5/14/1997	T	0.018	Oxadiazon
GCML	5/14/1997	U	0.3	Alachlor	GCML	5/14/1997	U	0.29	Alachlor
GCML	5/14/1997	U	0.051	Ametryn	GCML	5/14/1997	U	0.049	Ametryn
GCML	5/14/1997	U	0.051	Atrazine	GCML	5/14/1997	U	0.049	Atrazine
GCML	5/14/1997	U	0.2	Azinphos Methyl	GCML	5/14/1997	U	0.19	Azinphos Methyl
GCML	5/14/1997	U	0.3	Bromacil	GCML	5/14/1997	U	0.29	Bromacil
GCML	5/14/1997	U	0.1	Butylate	GCML	5/14/1997	U	0.097	Butylate

GCML	5/14/1997	U	0.1	Chlorpyrifos Ethyl	GCML	5/14/1997	U	0.097	Chlorpyrifos Ethyl
GCML	5/14/1997	U	0.1	Chlorpyrifos Methyl	GCML	5/14/1997	U	0.097	Chlorpyrifos Methyl
GCML	5/14/1997	U	0.1	Diazinon	GCML	5/14/1997	U	0.097	Diazinon
GCML	5/14/1997	U	0.051	Ethion	GCML	5/14/1997	U	0.049	Ethion
GCML	5/14/1997	U	0.1	Ethoprop	GCML	5/14/1997	U	0.097	Ethoprop
GCML	5/14/1997	U	0.3	Fenamiphos	GCML	5/14/1997	U	0.29	Fenamiphos
GCML	5/14/1997	U	0.1	Fonofos	GCML	5/14/1997	U	0.097	Fonofos
GCML	5/14/1997	U	0.15	Malathion	GCML	5/14/1997	U	0.15	Malathion
GCML	5/14/1997	U	0.61	Metalaxyl	GCML	5/14/1997	U	0.58	Metalaxyl
GCML	5/14/1997	U	0.51	Metolachlor	GCML	5/14/1997	U	0.49	Metolachlor
GCML	5/14/1997		1.6	Metribuzin	GCML	5/14/1997	U	0.19	Metribuzin
GCML	5/14/1997	U	0.25	Mevinphos	GCML	5/14/1997	U	0.24	Mevinphos
GCML	5/14/1997	U	0.81	Naled	GCML	5/14/1997	U	0.78	Naled
GCML	5/14/1997	U	0.1	Parathion Methyl	GCML	5/14/1997	U	0.097	Parathion Methyl
GCML	5/14/1997	U	0.1	Parathion Ethyl	GCML	5/14/1997	U	0.097	Parathion Ethyl
GCML	5/14/1997	U	0.1	Phorate	GCML	5/14/1997	U	0.097	Phorate
GCML	5/14/1997	U	0.1	Prometryn	GCML	5/14/1997	U	0.097	Prometryn
GCML	5/14/1997	U	0.051	Simazine	GCML	5/14/1997	U	0.049	Simazine
GCML	5/14/1997	U		Prodiamine	GCML	5/14/1997	U		Prodiamine
GCT10	8/12/1997	U	0.0095	Aldrin	GCT10	8/12/1997	U	0.0095	Aldrin
GCT10	8/12/1997	U	0.0095	Alpha-BHC	GCT10	8/12/1997	U	0.0095	Alpha-BHC
GCT10	8/12/1997	U	0.019	Beta-BHC	GCT10	8/12/1997	U	0.019	Beta-BHC
GCT10	8/12/1997	U	0.0095	Delta-BHC	GCT10	8/12/1997	U	0.0095	Delta-BHC
GCT10	8/12/1997	U	0.0095	Gamma-BHC	GCT10	8/12/1997	U	0.0095	Gamma-BHC
GCT10	8/12/1997	U	0.029	Carbophenothion	GCT10	8/12/1997	U	0.029	Carbophenothion
GCT10	8/12/1997	U	0.095	Chlordane	GCT10	8/12/1997	U	0.095	Chlordane
GCT10	8/12/1997	U	0.019	Chlorothalonil	GCT10	8/12/1997	U	0.019	Chlorothalonil
GCT10	8/12/1997	U	0.019	DDD-p,p'	GCT10	8/12/1997	U	0.019	DDD-p,p'
GCT10	8/12/1997	U	0.019	DDE-p,p'	GCT10	8/12/1997	U	0.019	DDE-p,p'
Station ID	Date	LabCode	Value	Parameter	Station ID	Date	LabCode	Value	Parameter
GCT10	8/12/1997	U	0.019	DDT-p,p'	GCT10	8/12/1997	U	0.019	DDT-p,p'
GCT10	8/12/1997	U	0.019	Dicofol	GCT10	8/12/1997	U	0.019	Dicofol
GCT10	8/12/1997		0.091	Dieldrin	GCT10	8/12/1997	U	0.019	Dieldrin
GCT10	8/12/1997	U	0.0095	Endosulfan I	GCT10	8/12/1997	U	0.0095	Endosulfan I
GCT10	8/12/1997	U	0.0095	Endosulfan II	GCT10	8/12/1997	U	0.0095	Endosulfan II
GCT10	8/12/1997	U	0.019	Endosulfan Sulfate	GCT10	8/12/1997	U	0.019	Endosulfan Sulfate
GCT10	8/12/1997	U	0.019	Endrin	GCT10	8/12/1997	U	0.019	Endrin
GCT10	8/12/1997	U	0.019	Endrin Aldehyde	GCT10	8/12/1997	U	0.019	Endrin Aldehyde
GCT10	8/12/1997	U	0.0095	Heptachlor	GCT10	8/12/1997	U	0.0095	Heptachlor
GCT10	8/12/1997	U	0.0095	Heptachlor Epoxide	GCT10	8/12/1997	U	0.0095	Heptachlor Epoxide
GCT10	8/12/1997	U	0.048	Methoxychlor	GCT10	8/12/1997	U	0.048	Methoxychlor
GCT10	8/12/1997	U	0.019	Mirex	GCT10	8/12/1997	U	0.019	Mirex
GCT10	8/12/1997	U	0.71	Toxaphene	GCT10	8/12/1997	U	0.71	Toxaphene
GCT10	8/12/1997	U	0.019	Trifluralin/Benfluralin	GCT10	8/12/1997	U	0.019	Trifluralin/Benfluralin

GCT10	8/12/1997	U	0.19	PCB-1016	GCT10	8/12/1997	U	0.19	PCB-1016
GCT10	8/12/1997	U	0.19	PCB-1221	GCT10	8/12/1997	U	0.19	PCB-1221
GCT10	8/12/1997	U	0.19	PCB-1232	GCT10	8/12/1997	U	0.19	PCB-1232
GCT10	8/12/1997	U	0.19	PCB-1242	GCT10	8/12/1997	U	0.19	PCB-1242
GCT10	8/12/1997	U	0.19	PCB-1248	GCT10	8/12/1997	U	0.19	PCB-1248
GCT10	8/12/1997	U	0.19	PCB-1254	GCT10	8/12/1997	U	0.19	PCB-1254
GCT10	8/12/1997	U	0.19	PCB-1260	GCT10	8/12/1997	U	0.19	PCB-1260
GCT10	8/12/1997	U		Oxadiazon	GCT10	8/12/1997	U		Oxadiazon
GCT10	8/12/1997	U	0.29	Alachlor	GCT10	8/12/1997	U	0.29	Alachlor
GCT10	8/12/1997	U	0.048	Ametryn	GCT10	8/12/1997	U	0.048	Ametryn
GCT10	8/12/1997	U	0.048	Atrazine	GCT10	8/12/1997	U	0.048	Atrazine
GCT10	8/12/1997	U	0.19	Azinphos Methyl	GCT10	8/12/1997	U	0.19	Azinphos Methyl
GCT10	8/12/1997	U	0.29	Bromacil	GCT10	8/12/1997	U	0.29	Bromacil
GCT10	8/12/1997	U	0.095	Butylate	GCT10	8/12/1997	U	0.095	Butylate
GCT10	8/12/1997	U	0.095	Chlorpyrifos Ethyl	GCT10	8/12/1997	U	0.095	Chlorpyrifos Ethyl
GCT10	8/12/1997	U	0.095	Chlorpyrifos Methyl	GCT10	8/12/1997	U	0.095	Chlorpyrifos Methyl
GCT10	8/12/1997	U	0.095	Diazinon	GCT10	8/12/1997	U	0.095	Diazinon
GCT10	8/12/1997	U	0.048	Ethion	GCT10	8/12/1997	U	0.048	Ethion
GCT10	8/12/1997	U	0.095	Ethoprop	GCT10	8/12/1997	U	0.095	Ethoprop
GCT10	8/12/1997	U	0.29	Fenamiphos	GCT10	8/12/1997	U	0.29	Fenamiphos
GCT10	8/12/1997	U	0.095	Fonofos	GCT10	8/12/1997	U	0.095	Fonofos
GCT10	8/12/1997	U	0.14	Malathion	GCT10	8/12/1997	U	0.14	Malathion
GCT10	8/12/1997	U	0.57	Metalaxyl	GCT10	8/12/1997	U	0.57	Metalaxyl
GCT10	8/12/1997	U	0.48	Metolachlor	GCT10	8/12/1997	U	0.48	Metolachlor
GCT10	8/12/1997	U	0.19	Metribuzin	GCT10	8/12/1997	U	0.19	Metribuzin
GCT10	8/12/1997	U	0.24	Mevinphos	GCT10	8/12/1997	U	0.24	Mevinphos
GCT10	8/12/1997	U	0.76	Naled	GCT10	8/12/1997	U	0.76	Naled
GCT10	8/12/1997	U	0.095	Parathion Methyl	GCT10	8/12/1997	U	0.095	Parathion Methyl
GCT10	8/12/1997	U	0.095	Parathion Ethyl	GCT10	8/12/1997	U	0.095	Parathion Ethyl
Station ID	Date	LabCode	Value	Parameter	Station ID	Date	LabCode	Value	Parameter
GCT10	8/12/1997	U	0.095	Phorate	GCT10	8/12/1997	U	0.095	Phorate
GCT10	8/12/1997	U	0.29	Prodiamine	GCT10	8/12/1997	U	0.29	Prodiamine
GCT10	8/12/1997	U	0.095	Prometryn	GCT10	8/12/1997	U	0.095	Prometryn
GCT10	8/12/1997	U	0.048	Simazine	GCT10	8/12/1997	U	0.048	Simazine
GCG13	8/12/1997	U	0.0096	Aldrin	GCG13	8/12/1997	U	0.0095	Aldrin
GCG13	8/12/1997	U	0.0096	Alpha-BHC	GCG13	8/12/1997	U	0.0095	Alpha-BHC
GCG13	8/12/1997	U	0.019	Beta-BHC	GCG13	8/12/1997	U	0.019	Beta-BHC
GCG13	8/12/1997	U	0.0096	Delta-BHC	GCG13	8/12/1997	U	0.0095	Delta-BHC
GCG13	8/12/1997	U	0.0096	Gamma-BHC	GCG13	8/12/1997	U	0.0095	Gamma-BHC
GCG13	8/12/1997	U	0.0096	Delta-BHC	GCG13	8/12/1997	U	0.0095	Delta-BHC
GCG13	8/12/1997	U	0.0096	Gamma-BHC	GCG13	8/12/1997	U	0.0095	Gamma-BHC
GCG13	8/12/1997	U	0.029	Carbophenothion	GCG13	8/12/1997	U	0.029	Carbophenothion
GCG13	8/12/1997	U	0.096	Chlordane	GCG13	8/12/1997	U	0.095	Chlordane
GCG13	8/12/1997	U	0.019	Chlorothalonil	GCG13	8/12/1997	U	0.019	Chlorothalonil
GCG13	8/12/1997	U	0.019	DDD-p.p'	GCG13	8/12/1997	U	0.019	DDD-p.p'
GCG13	8/12/1997	U	0.019	DDE-p.p'	GCG13	8/12/1997	U	0.019	DDE-p.p'

GCG13	8/12/1997	U	0.019	DDT-p,p'	GCG13	8/12/1997	U	0.019	DDT-p,p'
GCG13	8/12/1997	U	0.019	Dicofol	GCG13	8/12/1997	U	0.019	Dicofol
GCG13	8/12/1997	U	0.019	Dieldrin	GCG13	8/12/1997	U	0.019	Dieldrin
GCG13	8/12/1997	U	0.0096	Endosulfan I	GCG13	8/12/1997	U	0.0095	Endosulfan I
GCG13	8/12/1997	U	0.0096	Endosulfan II	GCG13	8/12/1997	U	0.0095	Endosulfan II
GCG13	8/12/1997	U	0.019	Endosulfan Sulfate	GCG13	8/12/1997	U	0.019	Endosulfan Sulfate
GCG13	8/12/1997	U	0.019	Endrin	GCG13	8/12/1997	U	0.019	Endrin
GCG13	8/12/1997	U	0.019	Endrin Aldehyde	GCG13	8/12/1997	U	0.019	Endrin Aldehyde
GCG13	8/12/1997	U	0.0096	Heptachlor	GCG13	8/12/1997	U	0.0095	Heptachlor
GCG13	8/12/1997	U	0.0096	Heptachlor Epoxide	GCG13	8/12/1997	U	0.0095	Heptachlor Epoxide
GCG13	8/12/1997	U	0.048	Methoxychlor	GCG13	8/12/1997	U	0.048	Methoxychlor
GCG13	8/12/1997	U	0.019	Mirex	GCG13	8/12/1997	U	0.019	Mirex
GCG13	8/12/1997	U	0.72	Toxaphene	GCG13	8/12/1997	U	0.71	Toxaphene
GCG13	8/12/1997	U	0.019	Trifluralin/Benfluralin	GCG13	8/12/1997	U	0.019	Trifluralin/Benfluralin
GCG13	8/12/1997	U	0.19	PCB-1016	GCG13	8/12/1997	U	0.19	PCB-1016
GCG13	8/12/1997	U	0.19	PCB-1221	GCG13	8/12/1997	U	0.19	PCB-1221
GCG13	8/12/1997	U	0.19	PCB-1232	GCG13	8/12/1997	U	0.19	PCB-1232
GCG13	8/12/1997	U	0.19	PCB-1242	GCG13	8/12/1997	U	0.19	PCB-1242
GCG13	8/12/1997	U	0.19	PCB-1248	GCG13	8/12/1997	U	0.19	PCB-1248
GCG13	8/12/1997	U	0.19	PCB-1254	GCG13	8/12/1997	U	0.19	PCB-1254
GCG13	8/12/1997	U	0.19	PCB-1260	GCG13	8/12/1997	U	0.19	PCB-1260
GCG13	8/12/1997	I	0.056	Oxadiazon	GCG13	8/12/1997	U	0.096	Oxadiazon
GCG13	8/12/1997	U	0.29	Alachlor	GCG13	8/12/1997	U	0.29	Alachlor
GCG13	8/12/1997	U	0.048	Ametryn	GCG13	8/12/1997	U	0.048	Ametryn
GCG13	8/12/1997	U	0.048	Atrazine	GCG13	8/12/1997	U	0.048	Atrazine
GCG13	8/12/1997	U	0.19	Azinphos Methyl	GCG13	8/12/1997	U	0.19	Azinphos Methyl
GCG13	8/12/1997	U	0.29	Bromacil	GCG13	8/12/1997	U	0.29	Bromacil
GCG13	8/12/1997	U	0.096	Chlorpyrifos Ethyl	GCG13	8/12/1997	U	0.095	Chlorpyrifos Ethyl
Station ID	Date	LabCode	Value	Parameter	Station ID	Date	LabCode	Value	Parameter
GCG13	8/12/1997	U	0.096	Butylate	GCG13	8/12/1997	U	0.095	Butylate
GCG13	8/12/1997	U	0.096	Chlorpyrifos Methyl	GCG13	8/12/1997	U	0.095	Chlorpyrifos Methyl
GCG13	8/12/1997	U	0.096	Diazinon	GCG13	8/12/1997	U	0.095	Diazinon
GCG13	8/12/1997	U	0.048	Ethion	GCG13	8/12/1997	U	0.048	Ethion
GCG13	8/12/1997	U	0.096	Ethoprop	GCG13	8/12/1997	U	0.095	Ethoprop
GCG13	8/12/1997	U	0.29	Fenamiphos	GCG13	8/12/1997	U	0.29	Fenamiphos
GCG13	8/12/1997	U	0.096	Fonofos	GCG13	8/12/1997	U	0.095	Fonofos
GCG13	8/12/1997	U	0.14	Malathion	GCG13	8/12/1997	U	0.14	Malathion
GCG13	8/12/1997	U	0.58	Metalaxyl	GCG13	8/12/1997	U	0.57	Metalaxyl
GCG13	8/12/1997	U	0.48	Metolachlor	GCG13	8/12/1997	U	0.48	Metolachlor
GCG13	8/12/1997	U	0.19	Metribuzin	GCG13	8/12/1997	U	0.19	Metribuzin
GCG13	8/12/1997	U	0.24	Mevinphos	GCG13	8/12/1997	U	0.24	Mevinphos
GCG13	8/12/1997	U	0.77	Naled	GCG13	8/12/1997	U	0.76	Naled
GCG13	8/12/1997	U	0.096	Parathion Methyl	GCG13	8/12/1997	U	0.095	Parathion Methyl
GCG13	8/12/1997	U	0.096	Parathion Ethyl	GCG13	8/12/1997	U	0.095	Parathion Ethyl

GCG13	8/12/1997	U	0.096	Phorate	GCG13	8/12/1997	U	0.095	Phorate
GCG13	8/12/1997	U	0.29	Prodiamine	GCG13	8/12/1997	U	0.29	Prodiamine
GCG13	8/12/1997	U	0.096	Prometryn	GCG13	8/12/1997	U	0.095	Prometryn
GCG13	8/12/1997	U	0.048	Simazine	GCG13	8/12/1997	U	0.048	Simazine
GCML	8/12/1997	U	0.0095	Aldrin	GCML	8/12/1997	U	0.0095	Aldrin
GCML	8/12/1997	U	0.0095	Alpha-BHC	GCML	8/12/1997	U	0.0095	Alpha-BHC
GCML	8/12/1997	U	0.019	Beta-BHC	GCML	8/12/1997	U	0.019	Beta-BHC
GCML	8/12/1997	U	0.0095	Delta-BHC	GCML	8/12/1997	U	0.0095	Delta-BHC
GCML	8/12/1997	U	0.0095	Gamma-BHC	GCML	8/12/1997	U	0.0095	Gamma-BHC
GCML	8/12/1997	U	0.029	Carbophenothion	GCML	8/12/1997	U	0.029	Carbophenothion
GCML	8/12/1997	U	0.095	Chlordane	GCML	8/12/1997	U	0.095	Chlordane
GCML	8/12/1997	U	0.019	Chlorothalonil	GCML	8/12/1997	U	0.019	Chlorothalonil
GCML	8/12/1997	U	0.019	DDD-p,p'	GCML	8/12/1997	U	0.019	DDD-p,p'
GCML	8/12/1997	U	0.019	DDE-p,p'	GCML	8/12/1997	U	0.019	DDE-p,p'
GCML	8/12/1997	U	0.019	DDT-p,p'	GCML	8/12/1997	U	0.019	DDT-p,p'
GCML	8/12/1997	U	0.019	Dicofol	GCML	8/12/1997	U	0.019	Dicofol
GCML	8/12/1997	U	0.019	Dieldrin	GCML	8/12/1997	U	0.019	Dieldrin
GCML	8/12/1997	U	0.0095	Endosulfan I	GCML	8/12/1997	U	0.0095	Endosulfan I
GCML	8/12/1997	U	0.00595	Endosulfan II	GCML	8/12/1997	U	0.0095	Endosulfan II
GCML	8/12/1997	U	0.019	Endosulfan Sulfate	GCML	8/12/1997	U	0.019	Endosulfan Sulfate
GCML	8/12/1997	U	0.019	Endrin	GCML	8/12/1997	U	0.019	Endrin
GCML	8/12/1997	U	0.019	Endrin Aldehyde	GCML	8/12/1997	U	0.019	Endrin Aldehyde
GCML	8/12/1997	U	0.0095	Heptachlor	GCML	8/12/1997	U	0.0095	Heptachlor
GCML	8/12/1997	U	0.0095	Heptachlor Epoxide	GCML	8/12/1997	U	0.0095	Heptachlor Epoxide
GCML	8/12/1997	U	0.048	Methoxychlor	GCML	8/12/1997	U	0.048	Methoxychlor
GCML	8/12/1997	U	0.019	Mirex	GCML	8/12/1997	U	0.019	Mirex
GCML	8/12/1997	U	0.71	Toxaphene	GCML	8/12/1997	U	0.71	Toxaphene
GCML	8/12/1997	U	0.019	Trifluralin/Benfluralin	GCML	8/12/1997	U	0.019	Trifluralin/Benfluralin
GCML	8/12/1997	U	0.19	PCB-1016	GCML	8/12/1997	U	0.19	PCB-1016
Station ID	Date	LabCode	Value	Parameter	Station ID	Date	LabCode	Value	Parameter
GCML	8/12/1997	U	0.19	PCB-1221	GCML	8/12/1997	U	0.19	PCB-1221
GCML	8/12/1997	U	0.19	PCB-1232	GCML	8/12/1997	U	0.19	PCB-1232
GCML	8/12/1997	U	0.19	PCB-1242	GCML	8/12/1997	U	0.19	PCB-1242
GCML	8/12/1997	U	0.19	PCB-1248	GCML	8/12/1997	U	0.19	PCB-1248
GCML	8/12/1997	U	0.19	PCB-1254	GCML	8/12/1997	U	0.19	PCB-1254
GCML	8/12/1997	U	0.19	PCB-1260	GCML	8/12/1997	U	0.19	PCB-1260
GCML	8/12/1997	U		Oxadiazon	GCML	8/12/1997	U		Oxadiazon
GCML	8/12/1997	U	0.29	Alachlor	GCML	8/12/1997	U	0.29	Alachlor
GCML	8/12/1997	U	0.048	Ametryn	GCML	8/12/1997	U	0.048	Ametryn
GCML	8/12/1997	U	0.048	Atrazine	GCML	8/12/1997	U	0.048	Atrazine
GCML	8/12/1997	U	0.19	Azinphos Methyl	GCML	8/12/1997	U	0.19	Azinphos Methyl
GCML	8/12/1997	U	0.29	Bromacil	GCML	8/12/1997	U	0.29	Bromacil
GCML	8/12/1997	U	0.095	Butylate	GCML	8/12/1997	U	0.095	Butylate
GCML	8/12/1997	U	0.095	Chlorpyrifos Ethyl	GCML	8/12/1997	U	0.095	Chlorpyrifos Ethyl
GCML	8/12/1997		1.3	Chlorpyrifos Methyl	GCML	8/12/1997	U	0.095	Chlorpyrifos Methyl

GCML	8/12/1997	U	0.095	Diazinon	GCML	8/12/1997	U	0.095	Diazinon
GCML	8/12/1997	U	0.048	Ethion	GCML	8/12/1997	U	0.048	Ethion
GCML	8/12/1997	U	0.095	Ethoprop	GCML	8/12/1997	U	0.095	Ethoprop
GCML	8/12/1997	U	0.29	Fenamiphos	GCML	8/12/1997	U	0.29	Fenamiphos
GCML	8/12/1997	U	0.095	Fonofos	GCML	8/12/1997	U	0.095	Fonofos
GCML	8/12/1997	U	0.14	Malathion	GCML	8/12/1997	U	0.14	Malathion
GCML	8/12/1997	U	0.57	Metalaxyl	GCML	8/12/1997	U	0.57	Metalaxyl
GCML	8/12/1997	U	0.48	Metolachlor	GCML	8/12/1997	U	0.48	Metolachlor
GCML	8/12/1997	U	0.19	Metribuzin	GCML	8/12/1997	U	0.19	Metribuzin
GCML	8/12/1997	U	0.24	Mevinphos	GCML	8/12/1997	U	0.24	Mevinphos
GCML	8/12/1997	U	0.76	Naled	GCML	8/12/1997	U	0.76	Naled
GCML	8/12/1997	U	0.095	Parathion Methyl	GCML	8/12/1997	U	0.095	Parathion Methyl
GCML	8/12/1997	U	0.095	Parathion Ethyl	GCML	8/12/1997	U	0.095	Parathion Ethyl
GCML	8/12/1997	U	0.095	Phorate	GCML	8/12/1997	U	0.095	Phorate
GCML	8/12/1997	U	0.29	Prodiamine	GCML	8/12/1997	U	0.29	Prodiamine
GCML	8/12/1997	U	0.095	Prometryn	GCML	8/12/1997	U	0.095	Prometryn
GCML	8/12/1997	U	0.048	Simazine	GCML	8/12/1997	U	0.048	Simazine
GCT10	11/13/1997	U	0.0095	Aldrin	GCT10	11/13/1997	U	0.0096	Aldrin
GCT10	11/13/1997	U	0.0095	Alpha-BHC	GCT10	11/13/1997	U	0.0096	Alpha-BHC
GCT10	11/13/1997	U	0.019	Beta-BHC	GCT10	11/13/1997	U	0.019	Beta-BHC
GCT10	11/13/1997	U	0.0095	Delta-BHC	GCT10	11/13/1997	U	0.0096	Delta-BHC
GCT10	11/13/1997	U	0.0095	Gamma-BHC	GCT10	11/13/1997	U	0.0096	Gamma-BHC
GCT10	11/13/1997	U	0.095	Chlordane	GCT10	11/13/1997	U	0.96	Chlordane
GCT10	11/13/1997	U	0.019	DDD-p,p'	GCT10	11/13/1997	U	0.019	DDD-p,p'
GCT10	11/13/1997	U	0.019	DDE-p,p'	GCT10	11/13/1997	U	0.019	DDE-p,p'
GCT10	11/13/1997	U	0.019	DDT-p,p'	GCT10	11/13/1997	U	0.019	DDT-p,p'
GCT10	11/13/1997		0.056	Dieldrin	GCT10	11/13/1997	U	0.019	Dieldrin
GCT10	11/13/1997	U	0.0095	Endosulfan I	GCT10	11/13/1997	U	0.0096	Endosulfan I
GCT10	11/13/1997	U	0.019	Endosulfan Sulfate	GCT10	11/13/1997	U	0.019	Endosulfan Sulfate
Station ID	Date	LabCode	Value	Parameter	Station ID	Date	LabCode	Value	Parameter
GCT10	11/13/1997	U	0.0095	Endosulfan II	GCT10	11/13/1997	U	0.0096	Endosulfan II
GCT10	11/13/1997	U	0.019	Endrin	GCT10	11/13/1997	U	0.019	Endrin
GCT10	11/13/1997	U	0.0096	Heptaclor	GCT10	11/13/1997	U	0.019	Endrin Aldehyde
GCT10	11/13/1997	U	0.0096	Heptaclor Epoxide	GCT10	11/13/1997	U	0.0096	Heptaclor
GCT10	11/13/1997	U	0.019	Endrin Aldehyde	GCT10	11/13/1997	U	0.0096	Heptaclor Epoxide
GCT10	11/13/1997	U	0.71	Toxaphene	GCT10	11/13/1997	U	0.72	Toxaphene
GCT10	11/13/1997	U	0.019	Chlorothalonil	GCT10	11/13/1997	U	0.019	Chlorothalonil
GCT10	11/13/1997	U	0.29	Alachlor	GCT10	11/13/1997	U		Oxadiazon
GCT10	11/13/1997	U	0.048	Ametryn	GCT10	11/13/1997	U	0.29	Alachlor
GCT10	11/13/1997	U	0.048	Atrazine	GCT10	11/13/1997	U	0.048	Ametryn
GCT10	11/13/1997	U	0.19	Azinphos Methyl	GCT10	11/13/1997	U	0.048	Atrazine
GCT10	11/13/1997	U	0.29	Bromacil	GCT10	11/13/1997	U	0.19	Azinphos Methyl
GCT10	11/13/1997	U	0.095	Butylate	GCT10	11/13/1997	U	0.29	Bromacil
GCT10	11/13/1997	U	0.095	Chlorpyrifos Ethyl	GCT10	11/13/1997	U	0.096	Butylate

GCT10	11/13/1997	U	0.095	Chlorpyrifos Methyl	GCT10	11/13/1997	U	0.096	Chlorpyrifos Ethyl
GCT10	11/13/1997	U	0.095	Diazinon	GCT10	11/13/1997	U	0.096	Chlorpyrifos Methyl
GCT10	11/13/1997	U	0.048	Ethion	GCT10	11/13/1997	U	0.096	Diazinon
GCT10	11/13/1997	U	0.095	Ethoprop	GCT10	11/13/1997	U	0.048	Ethion
GCT10	11/13/1997	U	0.29	Fenamiphos	GCT10	11/13/1997	U	0.096	Ethoprop
GCT10	11/13/1997	U	0.095	Fonofos	GCT10	11/13/1997	U	0.29	Fenamiphos
GCT10	11/13/1997	U	0.14	Malathion	GCT10	11/13/1997	U	0.096	Fonofos
GCT10	11/13/1997	U	0.57	Metalaxyl	GCT10	11/13/1997	U	0.14	Malathion
GCT10	11/13/1997	U	0.48	Metolachlor	GCT10	11/13/1997	U	0.58	Metalaxyl
GCT10	11/13/1997		1.3	Metribuzin	GCT10	11/13/1997	U	0.48	Metolachlor
GCT10	11/13/1997	U	0.24	Mevinphos	GCT10	11/13/1997	U	0.19	Metribuzin
GCT10	11/13/1997	U	0.76	Naled	GCT10	11/13/1997	U	0.24	Mevinphos
GCT10	11/13/1997	U	0.095	Parathion Methyl	GCT10	11/13/1997	U	0.77	Naled
GCT10	11/13/1997	U	0.095	Parathion Ethyl	GCT10	11/13/1997	U	0.096	Parathion Methyl
GCT10	11/13/1997	U	0.095	Phorate	GCT10	11/13/1997	U	0.096	Parathion Ethyl
GCT10	11/13/1997	U	0.095	Prometryn	GCT10	11/13/1997	U	0.096	Phorate
GCT10	11/13/1997	U	0.048	Simazine	GCT10	11/13/1997	U	0.096	Prometryn
GCT10	11/13/1997	U	0.29	Prodiamine	GCT10	11/13/1997	U	0.048	Simazine
GCG13	11/13/1997	U	0.0096	Aldrin	GCT10	11/13/1997	U	0.29	Prodiamine
GCG13	11/13/1997	U	0.0096	Alpha-BHC	GCG13	11/13/1997	U	0.0096	Aldrin
GCG13	11/13/1997	U	0.019	Beta-BHC	GCG13	11/13/1997	U	0.0096	Alpha-BHC
GCG13	11/13/1997	U	0.0096	Delta-BHC	GCG13	11/13/1997	U	0.019	Beta-BHC
GCG13	11/13/1997	U	0.0096	Gamma-BHC	GCG13	11/13/1997	U	0.0096	Delta-BHC
GCG13	11/13/1997	U	0.96	Chlordane	GCG13	11/13/1997	U	0.0096	Gamma-BHC
GCG13	11/13/1997	U	0.019	DDD-p,p'	GCG13	11/13/1997	U	0.96	Chlordane
GCG13	11/13/1997	U	0.019	DDE-p,p'	GCG13	11/13/1997	U	0.019	DDD-p,p'
GCG13	11/13/1997	U	0.019	DDT-p,p'	GCG13	11/13/1997	U	0.019	DDE-p,p'
GCG13	11/13/1997	U	0.019	Dieldrin	GCG13	11/13/1997	U	0.019	DDT-p,p'
GCG13	11/13/1997	U	0.0096	Endosulfan I	GCG13	11/13/1997	U	0.019	Dieldrin
Station ID	Date	LabCode	Value	Parameter	Station ID	Date	LabCode	Value	Parameter
GCG13	11/13/1997	U	0.0096	Endosulfan II	GCG13	11/13/1997	U	0.0096	Endosulfan I
GCG13	11/13/1997	U	0.019	Endosulfan Sulfate	GCG13	11/13/1997	U	0.0096	Endosulfan II
GCG13	11/13/1997	U	0.019	Endrin	GCG13	11/13/1997	U	0.019	Endosulfan Sulfate
GCG13	11/13/1997	U	0.019	Endrin Aldehyde	GCG13	11/13/1997	U	0.019	Endrin
GCG13	11/13/1997	U	0.0096	Heptaclor	GCG13	11/13/1997	U	0.019	Endrin Aldehyde
GCG13	11/13/1997	U	0.0096	Heptaclor Epoxide	GCG13	11/13/1997	U	0.0096	Heptaclor
GCG13	11/13/1997	U	0.72	Toxaphene	GCG13	11/13/1997	U	0.0096	Heptaclor Epoxide
GCG13	11/13/1997	U	0.019	Chlorothalonil	GCG13	11/13/1997	U	0.72	Toxaphene
GCG13	11/13/1997	U		Oxadiazon	GCG13	11/13/1997	U	0.019	Chlorothalonil
GCG13	11/13/1997	U	0.29	Alachlor	GCG13	11/13/1997	U		Oxadiazon
GCG13	11/13/1997	U	0.048	Ametryn	GCG13	11/13/1997	U	0.29	Alachlor
GCG13	11/13/1997	U	0.048	Atrazine	GCG13	11/13/1997	U	0.048	Ametryn
GCG13	11/13/1997	U	0.19	Azinphos Methyl	GCG13	11/13/1997	U	0.048	Atrazine
GCG13	11/13/1997	U	0.29	Bromacil	GCG13	11/13/1997	U	0.19	Azinphos Methyl

GCG13	11/13/1997	U	0.096	Butylate	GCG13	11/13/1997	U	0.29	Bromacil
GCG13	11/13/1997	U	0.096	Chlorpyrifos Ethyl	GCG13	11/13/1997	U	0.096	Butylate
GCG13	11/13/1997	U	0.096	Chlorpyrifos Methyl	GCG13	11/13/1997	U	0.096	Chlorpyrifos Ethyl
GCG13	11/13/1997	U	0.096	Diazinon	GCG13	11/13/1997	U	0.096	Chlorpyrifos Methyl
GCG13	11/13/1997	U	0.048	Ethion	GCG13	11/13/1997	U	0.096	Diazinon
GCG13	11/13/1997	U	0.096	Ethoprop	GCG13	11/13/1997	U	0.048	Ethion
GCG13	11/13/1997	U	0.29	Fenamiphos	GCG13	11/13/1997	U	0.096	Ethoprop
GCG13	11/13/1997	U	0.096	Fonofos	GCG13	11/13/1997	U	0.29	Fenamiphos
GCG13	11/13/1997	U	0.14	Malathion	GCG13	11/13/1997	U	0.096	Fonofos
GCG13	11/13/1997	U	0.58	Metalaxyl	GCG13	11/13/1997	U	0.14	Malathion
GCG13	11/13/1997	U	0.48	Metolachlor	GCG13	11/13/1997	U	0.58	Metalaxyl
GCG13	11/13/1997		9.7	Metribuzin	GCG13	11/13/1997	U	0.48	Metolachlor
GCG13	11/13/1997	U	0.24	Mevinphos	GCG13	11/13/1997	U	0.19	Metribuzin
GCG13	11/13/1997	U	0.77	Naled	GCG13	11/13/1997	U	0.19	Mevinphos
GCG13	11/13/1997	U	0.096	Parathion Methyl	GCG13	11/13/1997	U	0.77	Naled
GCG13	11/13/1997	U	0.096	Parathion Ethyl	GCG13	11/13/1997	U	0.096	Parathion Methyl
GCG13	11/13/1997	U	0.096	Phorate	GCG13	11/13/1997	U	0.096	Parathion Ethyl
GCG13	11/13/1997	U	0.096	Prometryn	GCG13	11/13/1997	U	0.096	Phorate
GCG13	11/13/1997	U	0.048	Simazine	GCG13	11/13/1997	U	0.096	Prometryn
GCG13	11/13/1997	U	0.29	Prodiamine	GCG13	11/13/1997	U	0.048	Simazine
GCML	11/13/1997	U	0.0096	Aldrin	GCG13	11/13/1997	U	0.29	Prodiamine
GCML	11/13/1997	U	0.0096	Alpha-BHC	GCML	11/13/1997	U	0.0096	Aldrin
GCML	11/13/1997	U	0.019	Beta-BHC	GCML	11/13/1997	U	0.0096	Alpha-BHC
GCML	11/13/1997	U	0.0096	Delta-BHC	GCML	11/13/1997	U	0.019	Beta-BHC
GCML	11/13/1997	U	0.0096	Gamma-BHC	GCML	11/13/1997	U	0.0096	Delta-BHC
GCML	11/13/1997	U	0.096	Chlordane	GCML	11/13/1997	U	0.0096	Gamma-BHC
GCML	11/13/1997	U	0.019	DDD-p,p'	GCML	11/13/1997	U	0.096	Chlordane
GCML	11/13/1997	U	0.019	DDE-p,p'	GCML	11/13/1997	U	0.019	DDD-p,p'
GCML	11/13/1997	U	0.019	DDT-p,p'	GCML	11/13/1997	U	0.019	DDE-p,p'
Station ID	Date	LabCode	Value	Parameter	Station ID	Date	LabCode	Value	Parameter
GCML	11/13/1997	U	0.019	Dieldrin	GCML	11/13/1997	U	0.019	DDT-p,p'
GCML	11/13/1997	U	0.0096	Endosulfan I	GCML	11/13/1997	U	0.019	Dieldrin
GCML	11/13/1997	U	0.0096	Endosulfan II	GCML	11/13/1997	U	0.0096	Endosulfan I
GCML	11/13/1997	U	0.019	Endosulfan Sulfate	GCML	11/13/1997	U	0.0096	Endosulfan II
GCML	11/13/1997	U	0.019	Endrin	GCML	11/13/1997	U	0.019	Endosulfan Sulfate
GCML	11/13/1997	U	0.019	Endrin Aldehyde	GCML	11/13/1997	U	0.019	Endrin
GCML	11/13/1997	U	0.0096	Heptaclor	GCML	11/13/1997	U	0.019	Endrin Aldehyde
GCML	11/13/1997	U	0.0096	Heptaclor Epoxide	GCML	11/13/1997	U	0.0096	Heptaclor
GCML	11/13/1997	U	0.72	Toxaphene	GCML	11/13/1997	U	0.0096	Heptaclor Epoxide
GCML	11/13/1997	U	0.019	Chlorothalonil	GCML	11/13/1997	U	0.72	Toxaphene
GCML	11/13/1997	U		Oxadiazon	GCML	11/13/1997	U	0.019	Chlorothalonil
GCML	11/13/1997	U	0.29	Alachlor	GCML	11/13/1997	U		Oxadiazon
GCML	11/13/1997	U	0.048	Ametryn	GCML	11/13/1997	U	0.29	Alachlor
GCML	11/13/1997	U	0.048	Atrazine	GCML	11/13/1997	U	0.048	Ametryn

GCML	11/13/1997	U	0.19	Azinphos Methyl	GCML	11/13/1997	U	0.048	Atrazine
GCML	11/13/1997	U	0.29	Bromacil	GCML	11/13/1997	U	0.19	Azinphos Methyl
GCML	11/13/1997	U	0.096	Butylate	GCML	11/13/1997	U	0.29	Bromacil
GCML	11/13/1997	U	0.096	Chlorpyrifos Ethyl	GCML	11/13/1997	U	0.096	Butylate
GCML	11/13/1997		0.95	Chlorpyrifos Methyl	GCML	11/13/1997	U	0.096	Chlorpyrifos Ethyl
GCML	11/13/1997	U	0.096	Diazinon	GCML	11/13/1997	U	0.096	Chlorpyrifos Methyl
GCML	11/13/1997	U	0.048	Ethion	GCML	11/13/1997	U	0.096	Diazinon
GCML	11/13/1997	U	0.096	Ethoprop	GCML	11/13/1997	U	0.048	Ethion
GCML	11/13/1997	U	0.29	Fenamiphos	GCML	11/13/1997	U	0.096	Ethoprop
GCML	11/13/1997	U	0.096	Fonofos	GCML	11/13/1997	U	0.29	Fenamiphos
GCML	11/13/1997	U	0.14	Malathion	GCML	11/13/1997	U	0.096	Fonofos
GCML	11/13/1997	U	0.58	Metalaxyl	GCML	11/13/1997	U	0.14	Malathion
GCML	11/13/1997	U	0.48	Metolachlor	GCML	11/13/1997	U	0.58	Metalaxyl
GCML	11/13/1997	U	0.19	Metribuzin	GCML	11/13/1997	U	0.48	Metolachlor
GCML	11/13/1997	U	0.24	Mevinphos	GCML	11/13/1997	U	0.19	Metribuzin
GCML	11/13/1997	U	0.77	Naled	GCML	11/13/1997	U	0.24	Mevinphos
GCML	11/13/1997	U	0.096	Parathion Methyl	GCML	11/13/1997	U	0.77	Naled
GCML	11/13/1997	U	0.096	Parathion Ethyl	GCML	11/13/1997	U	0.096	Parathion Methyl
GCML	11/13/1997	U	0.096	Phorate	GCML	11/13/1997	U	0.096	Parathion Ethyl
GCML	11/13/1997	U	0.096	Prometryn	GCML	11/13/1997	U	0.096	Phorate
GCML	11/13/1997	U	0.048	Simazine	GCML	11/13/1997	U	0.096	Prometryn
GCML	11/13/1997	U	0.29	Prodiamine	GCML	11/13/1997	U	0.048	Simazine
					GCML	11/13/1997	U	0.29	Prodiamine

APPENDIX 3: Surface Water Data

Station	Date	Value	ParamID	Units
KBL	6/11/1997	out of range	Conductivity	
KBL	6/11/1997	2.36	DO	%
KBL	6/11/1997	8.07	pH	
KBL	6/11/1997	231	Redox	mv
KBL	6/11/1997	out of range	Salinity	ppt
KBL	6/11/1997	28.57	Temperature	C
KBL	8/20/1997	out of range	Conductivity	
KBL	8/20/1997	5.73	DO	%
KBL	8/20/1997	8.01	pH	
KBL	8/20/1997	681	Redox	mv
KBL	8/20/1997	out of range	Salinity	ppt
KBL	8/20/1997	32.21	Temperature	C
KBL	11/20/1997	43645	Conductivity	
KBL	11/20/1997	5.48	DO	%
KBL	11/20/1997	8.21	pH	
KBL	11/20/1997	301	Redox	mv
KBL	11/20/1997	28.2	Salinity	ppt
KBL	11/20/1997	24.35	Temperature	C
GCL	6/12/1997	441	Conductivity	
GCL	6/12/1997	2.8	DO	%
GCL	6/12/1997	7.06	pH	
GCL	6/12/1997	497	Redox	mv
GCL	6/12/1997		Salinity	ppt
GCL	6/12/1997	26.95	Temperature	C
GCL	8/20/1997	356	Conductivity	
GCL	8/20/1997	4.42	DO	%
GCL	8/20/1997	7.14	pH	

Station	Date	Value	ParamID	Units
GCL	11/20/1997	0.2	Salinity	ppt
GCL	11/20/1997	22.34	Temperature	C
BBL	6/11/1997	190	Conductivity	
BBL	6/11/1997	4.61	DO	%
BBL	6/11/1997	7.15	pH	
BBL	6/11/1997	161	Redox	mv
BBL	6/11/1997	0.1	Salinity	ppt
BBL	6/11/1997	27.33	Temperature	C
BBL	8/21/1997	189	Conductivity	
BBL	8/21/1997	7.92	DO	%
BBL	8/21/1997	8.56	pH	
BBL	8/21/1997		Redox	mv
BBL	8/21/1997	0.1	Salinity	ppt
BBL	8/21/1997	32.45	Temperature	C
BBL	11/20/1997	238	Conductivity	
BBL	11/20/1997	7.53	DO	%
BBL	11/20/1997	7.98	pH	
BBL	11/20/1997	439	Redox	mv
BBL	11/20/1997	0.1	Salinity	ppt
BBL	11/20/1997	23.5	Temperature	C
PML	6/11/1997	300	Conductivity	
PML	6/11/1997	6.43	DO	%
PML	6/11/1997	7.53	pH	
PML	6/11/1997	535	Redox	mv
PML	6/11/1997	0.1	Salinity	ppt
PML	6/11/1997	27.72	Temperature	C
PML	8/21/1997	367	Conductivity	

Station	Date	Value	ParamID	Units
GCL	8/20/1997	115	Redox	mv
GCL	8/20/1997	0.2	Salinity	ppt
GCL	8/20/1997	31.53	Temperature	C
GCL	11/20/1997	363	Conductivity	
GCL	11/20/1997	6.05	DO	%
GCL	11/20/1997	7.91	pH	
GCL	11/20/1997	323	Redox	mv
PML	11/20/1997	7.53	pH	
PML	11/20/1997	435	Redox	mv
PML	11/20/1997	0.2	Salinity	ppt
PML	11/20/1997	24.09	Temperature	C
KBL	8/20/1997	0.02(I)	NOX-N	mg/l
KBL	11/20/1997	0.03(I)	NOX-N	mg/l
KBL	5/28/1997	0.07(I)	NOX-N	mg/l
KBL	5/28/1997	0.03(I)	TPO4	mg/l
KBL	8/20/1997	0.02(U)	TPO4	mg/l
KBL	11/20/1997	0.02(U)	TPO4	mg/l
GCL	8/20/1997	0.08	NOX-N	mg/l
GCL	11/20/1997	0.52	NOX-N	mg/l
GCL	6/3/1997	0.17	NOX-N	mg/l
GCL	6/3/1997	0.19	TPO4	mg/l
GCL	8/20/1997	0.09	TPO4	mg/l
GCL	11/20/1997	0.23	TPO4	mg/l
BBL	8/21/1997	0.01(U)	NOX-N	mg/l
BBL	11/20/1997	0.03(I)	NOX-N	mg/l
BBL	5/28/1997	0.07(I)	NOX-N	mg/l
BBL	5/28/1997	0.05(I)	TPO4	mg/l
BBL	8/21/1997	0.06(I)	TPO4	mg/l
BBL	11/20/1997	0.08(I)	TPO4	mg/l
PML	5/28/1997	0.06(I)	NOX-N	mg/l
PML	8/21/1997	0.08	NOX-N	mg/l
PML	11/20/1997	0.01(U)	NOX-N	mg/l

Station	Date	Value	ParamID	Units
PML	8/21/1997	6.46	DO	%
PML	8/21/1997	7.55	pH	
PML	8/21/1997	117	Redox	mv
PML	8/21/1997	0.2	Salinity	ppt
PML	8/21/1997	32.05	Temperature	C
PML	11/20/1997	344	Conductivity	
PML	11/20/1997	7.78	DO	%
BBL	8/21/1997	18	Arsenic	ug/l
BBL	11/20/1997	19.1	Arsenic	ug/l
PML	5/28/1997	NA	Arsenic	ug/l
PML	8/21/1997	2(U)	Arsenic	ug/l
PML	11/20/1997	2(U)	Arsenic	ug/l
PML	8/21/1997	0.02(U)	TPO4	mg/l
PML	11/20/1997	0.02(U)	TPO4	mg/l
KBL	5/28/1997	NA	Arsenic	ug/l
KBL	8/20/1997	4(I)	Arsenic	ug/l
KBL	11/20/1997	30(I)	Arsenic	ug/l
GCL	6/3/1997	NA	Arsenic	ug/l
GCL	8/20/1997	27(A)	Arsenic	ug/l
GCL	11/20/1997	25.7	Arsenic	ug/l
BBL	5/28/1997	NA	Arsenic	ug/l

Station	Date	Lab Code	Value (ug/L)	Parameter	Station	Date	Lab Code	Value (ug/L)	Parameter
KBL	6/11/1997	U	0.01	Aldrin	KBL	6/11/1997	U	0.11	Diazinon
KBL	6/11/1997	U	0.01	Alpha-BHC	KBL	6/11/1997	U	0.056	Ethion
KBL	6/11/1997	U	0.02	Beta-BHC	KBL	6/11/1997	U	0.11	Ethoprop
KBL	6/11/1997	U	0.01	Delta-BHC	KBL	6/11/1997	U	0.33	Fenamiphos
KBL	6/11/1997	U	0.01	Gamma-BHC	KBL	6/11/1997	U	0.11	Fonofos
KBL	6/11/1997	U	0.1	Chlordane	KBL	6/11/1997	U	0.17	Malathion
KBL	6/11/1997	U	0.022	Chlorothalonil	KBL	6/11/1997	U	0.67	Metalaxyl
KBL	6/11/1997	U	0.02	DDD-p,p'	KBL	6/11/1997	U	0.56	Metolachlor
KBL	6/11/1997	U	0.02	DDE-p,p'	KBL	6/11/1997	U	0.22	Metribuzin
KBL	6/11/1997	U	0.02	DDT-p,p'	KBL	6/11/1997	U	0.28	Mevinphos
KBL	6/11/1997	U	0.02	Dieldrin	KBL	6/11/1997	U	0.89	Naled
KBL	6/11/1997	U	0.01	Endosulfan I	KBL	6/11/1997	U	0.11	Parathion Methyl
KBL	6/11/1997	U	0.01	Endosulfan II	KBL	6/11/1997	U	0.11	Parathion Ethyl
KBL	6/11/1997	U	0.02	Endosulfan Sulfate	KBL	6/11/1997	U	0.11	Phorate
KBL	6/11/1997	U	0.02	Endrin	KBL	6/11/1997	U	0.11	Prometryn
KBL	6/11/1997	U	0.02	Endrin Aldehyde	KBL	6/11/1997	U	0.056	Simazine
KBL	6/11/1997	U	0.01	Heptachlor	KBL	6/11/1997	U	0.33	Prodiamine
KBL	6/11/1997	U	0.01	Heptachlor Epoxide	KBL	8/20/1997	U	0.0094	Aldrin
KBL	6/11/1997	U	0.75	Toxaphene	KBL	8/20/1997	U	0.0094	Alpha-BHC
KBL	6/11/1997	U	0.33	Alachlor	KBL	8/20/1997	U	0.019	Beta-BHC
KBL	6/11/1997	U	0.056	Ametryn	KBL	8/20/1997	U	0.0094	Delta-BHC
KBL	6/11/1997	U	0.056	Atrazine	KBL	8/20/1997	U	0.0094	Gamma-BHC
KBL	6/11/1997	U	0.22	Azinphos Methyl	KBL	8/20/1997	U	0.028	Carbophenothion
KBL	6/11/1997	U	0.33	Bromacil	KBL	8/20/1997	U	0.094	Chlordane
KBL	6/11/1997	U	0.11	Butylate	KBL	8/20/1997	U	0.019	Chlorothalonil
KBL	6/11/1997	U	0.11	Chlorpyrifos Ethyl	KBL	8/20/1997	U	0.019	DDD-p,p'
KBL	6/11/1997	U	0.11	Chlorpyrifos Methyl	KBL	8/20/1997	U	0.019	DDE-p,p'
KBL	8/20/1997	U	0.019	DDT-p,p'	KBL	8/20/1997	U	0.095	Chlorpyrifos Methyl
KBL	8/20/1997	U	0.019	Dicofol	KBL	8/20/1997	U	0.095	Diazinon
KBL	8/20/1997	U	0.019	Dieldrin	KBL	8/20/1997	U	0.048	Ethion
KBL	8/20/1997	U	0.0094	Endosulfan I	KBL	8/20/1997	U	0.095	Ethoprop
KBL	8/20/1997	U	0.0094	Endosulfan II	KBL	8/20/1997	U	0.29	Fenamiphos

Station	Date	Lab Code	Value (ug/L)	Parameter	Station	Date	Lab Code	Value (ug/L)	Parameter
KBL	8/20/1997	U	0.019	Endosulfan Sulfate	KBL	8/20/1997	U	0.095	Fonofos
KBL	8/20/1997	U	0.019	Endrin	KBL	8/20/1997	U	0.14	Malathion
KBL	8/20/1997	U	0.019	Endrin Aldehyde	KBL	8/20/1997	U	0.57	Metalaxyl
KBL	8/20/1997	U	0.0094	Heptachlor	KBL	8/20/1997	U	0.48	Metolachlor
KBL	8/20/1997	U	0.0094	Heptachlor Epoxide	KBL	8/20/1997	U	0.19	Metribuzin
KBL	8/20/1997	U	0.047	Methoxychlor	KBL	8/20/1997	U	0.24	Mevinphos
KBL	8/20/1997	U	0.019	Mirex	KBL	8/20/1997	U	0.76	Naled
KBL	8/20/1997	U	0.71	Toxaphene	KBL	8/20/1997	U	0.095	Parathion Methyl
KBL	8/20/1997	U	0.019	Trifluralin/Benfluralin	KBL	8/20/1997	U	0.095	Parathion Ethyl
KBL	8/20/1997	U	0.19	PCB-1016	KBL	8/20/1997	U	0.095	Phorate
KBL	8/20/1997	U	0.19	PCB-1221	KBL	8/20/1997	U	0.29	Prodiamine
KBL	8/20/1997	U	0.19	PCB-1232	KBL	8/20/1997	U	0.095	Prometryn
KBL	8/20/1997	U	0.19	PCB-1242	KBL	8/20/1997	U	0.048	Simazine
KBL	8/20/1997	U	0.19	PCB-1248	KBL	11/20/1997	U	0.0095	Aldrin
KBL	8/20/1997	U	0.19	PCB-1254	KBL	11/20/1997	U	0.0095	Alpha-BHC
KBL	8/20/1997	U	0.19	PCB-1260	KBL	11/20/1997	U	0.019	Beta-BHC
KBL	8/20/1997	U		Oxadiazon	KBL	11/20/1997	U	0.0095	Delta-BHC
KBL	8/20/1997	U	0.29	Alachlor	KBL	11/20/1997	U	0.0095	Gamma-BHC
KBL	8/20/1997	U	0.048	Ametryn	KBL	11/20/1997	U	0.095	Chlordane
KBL	8/20/1997	U	0.048	Atrazine	KBL	11/20/1997	U	0.019	Chlorothalonil
KBL	8/20/1997	U	0.19	Azinphos Methyl	KBL	11/20/1997	U	0.019	DDD-p,p'
KBL	8/20/1997	U	0.29	Bromacil	KBL	11/20/1997	U	0.019	DDE-p,p'
KBL	8/20/1997	U	0.095	Butylate	KBL	11/20/1997	U	0.019	DDT-p,p'
KBL	8/20/1997	U	0.095	Chlorpyrifos Ethyl	KBL	11/20/1997	U	0.019	Dieldrin
KBL	11/20/1997	U	0.0095	Endosulfan I	KBL	11/20/1997	U	0.096	Prometryn
KBL	11/20/1997	U	0.0095	Endosulfan II	KBL	11/20/1997	U	0.048	Simazine
KBL	11/20/1997	U	0.019	Endosulfan Sulfate	KBL	11/20/1997	U	0.29	Prodiamine
KBL	11/20/1997	U	0.019	Trifluralin/Benfluralin	GCL	6/11/1997	U	0.01	Aldrin
KBL	11/20/1997			Oxadiazon	GCL	6/11/1997	U	0.01	Alpha-BHC
KBL	11/20/1997	U	0.29	Alachlor	GCL	6/11/1997	U	0.02	Beta-BHC
KBL	11/20/1997	U	0.048	Ametryn	GCL	6/11/1997	U	0.01	Delta-BHC
KBL	11/20/1997	U	0.048	Atrazine	GCL	6/11/1997	U	0.01	Gamma-BHC

Station	Date	Lab Code	Value (ug/L)	Parameter	Station	Date	Lab Code	Value (ug/L)	Parameter
KBL	11/20/1997	U	0.19	Azinphos Methyl	GCL	6/11/1997	U	0.01	Chlordane
KBL	11/20/1997	U	0.29	Bromacil	GCL	6/11/1997	U	0.02	Chlorothalonil
KBL	11/20/1997	U	0.096	Butylate	GCL	6/11/1997	U	0.02	DDD-p,p'
KBL	11/20/1997	U	0.096	Chlorpyrifos Ethyl	GCL	6/11/1997	U	0.02	DDE-p,p'
KBL	11/20/1997	U	0.096	Chlorpyrifos Methyl	GCL	6/11/1997	U	0.02	DDT-p,p'
KBL	11/20/1997	U	0.096	Diazinon	GCL	6/11/1997	U	0.02	Dieldrin
KBL	11/20/1997	U	0.048	Ethion	GCL	6/11/1997	U	0.01	Endosulfan I
KBL	11/20/1997	U	0.096	Ethoprop	GCL	6/11/1997	U	0.01	Endosulfan II
KBL	11/20/1997	U	0.29	Fenamiphos	GCL	6/11/1997	U	0.02	Endosulfan Sulfate
KBL	11/20/1997	U	0.096	Fonofos	GCL	6/11/1997	U	0.02	Endrin
KBL	11/20/1997	U	0.14	Malathion	GCL	6/11/1997	U	0.02	Endrin Aldehyde
KBL	11/20/1997	U	0.58	Metalaxyl	GCL	6/11/1997	U	0.01	Heptachlor
KBL	11/20/1997	U	0.48	Metolachlor	GCL	6/11/1997	U	0.01	Heptachlor Epoxide
KBL	11/20/1997	U	0.19	Metribuzin	GCL	6/11/1997	U	0.75	Toxaphene
KBL	11/20/1997	U	0.24	Mevinphos	GCL	6/11/1997	U	0.3	Alachlor
KBL	11/20/1997	U	0.77	Naled	GCL	6/11/1997	U	0.05	Ametryn
KBL	11/20/1997	U	0.096	Parathion Methyl	GCL	6/11/1997		1.5	Atrazine
KBL	11/20/1997	U	0.096	Parathion Ethyl	GCL	6/11/1997	U	0.2	Azinphos Methyl
KBL	11/20/1997	U	0.096	Phorate	GCL	6/11/1997	U	0.3	Bromacil
GCL	6/11/1997	U	0.1	Butylate	GCL	8/20/1997	U	0.019	DDD-p,p'
GCL	6/11/1997	U	0.1	Chlorpyrifos Ethyl	GCL	8/20/1997	U	0.019	DDE-p,p'
GCL	6/11/1997	U	0.1	Chlorpyrifos Methyl	GCL	8/20/1997	U	0.019	DDT-p,p'
GCL	6/11/1997	U	0.1	Diazinon	GCL	8/20/1997	U	0.019	Dicofol
GCL	6/11/1997	U	0.05	Ethion	GCL	8/20/1997	U	0.019	Dieldrin
GCL	6/11/1997	U	0.1	Ethoprop	GCL	8/20/1997	U	0.0095	Endosulfan I
GCL	6/11/1997	U	0.3	Fenamiphos	GCL	8/20/1997	U	0.0095	Endosulfan II
GCL	6/11/1997	U	0.1	Fonofos	GCL	8/20/1997	U	0.019	Endosulfan Sulfate
GCL	6/11/1997	U	0.15	Malathion	GCL	8/20/1997	U	0.019	Endrin
GCL	6/11/1997	U	0.6	Metalaxyl	GCL	8/20/1997	U	0.019	Endrin Aldehyde
GCL	6/11/1997	U	0.5	Metolachlor	GCL	8/20/1997	U	0.0095	Heptachlor
GCL	6/11/1997	U	0.2	Metribuzin	GCL	8/20/1997	U	0.0095	Heptachlor Epoxide
GCL	6/11/1997	U	0.25	Mevinphos	GCL	8/20/1997	U	0.048	Methoxychlor

Station	Date	Lab Code	Value (ug/L)	Parameter	Station	Date	Lab Code	Value (ug/L)	Parameter
GCL	6/11/1997	U	0.8	Naled	GCL	8/20/1997	U	0.019	Mirex
GCL	6/11/1997	U	0.1	Parathion Methyl	GCL	8/20/1997	U	0.71	Toxaphene
GCL	6/11/1997	U	0.1	Parathion Ethyl	GCL	8/20/1997	U	0.019	Trifluralin/Benfluralin
GCL	6/11/1997	U	0.1	Phorate	GCL	8/20/1997	U	0.19	PCB-1016
GCL	6/11/1997	U	0.1	Prometryn	GCL	8/20/1997	U	0.19	PCB-1221
GCL	6/11/1997	U	0.05	Simazine	GCL	8/20/1997	U	0.19	PCB-1232
GCL	6/11/1997	U	0.3	Prodiamine	GCL	8/20/1997	U	0.19	PCB-1242
GCL	8/20/1997	U	0.0095	Aldrin	GCL	8/20/1997	U	0.19	PCB-1248
GCL	8/20/1997	U	0.0095	Alpha-BHC	GCL	8/20/1997	U	0.19	PCB-1254
GCL	8/20/1997	U	0.019	Beta-BHC	GCL	8/20/1997	U	0.19	PCB-1260
GCL	8/20/1997	U	0.0095	Delta-BHC	GCL	8/20/1997		1.8	Oxadiazon
GCL	8/20/1997	U	0.0095	Gamma-BHC	GCL	8/20/1997	U	0.29	Alachlor
GCL	8/20/1997	U	0.029	Carbophenothion	GCL	8/20/1997	U	0.048	Ametryn
GCL	8/20/1997	U	0.095	Chlordane	GCL	8/20/1997	U	0.048	Atrazine
GCL	8/20/1997	U	0.019	Chlorothalonil	GCL	8/20/1997	U	0.19	Azinphos Methyl
GCL	8/20/1997	U	0.29	Bromacil	GCL	8/20/1997	U	0.019	DDT-p,p'
GCL	8/20/1997	U	0.095	Butylate	GCL	8/20/1997	U	0.019	Dicofol
GCL	8/20/1997	U	0.095	Chlorpyrifos Ethyl	GCL	8/20/1997	U	0.019	Dieldrin
GCL	8/20/1997	U	0.095	Chlorpyrifos Methyl	GCL	8/20/1997	U	0.0095	Endosulfan I
GCL	8/20/1997	U	0.095	Diazinon	GCL	8/20/1997	U	0.0095	Endosulfan II
GCL	8/20/1997	U	0.048	Ethion	GCL	8/20/1997	U	0.019	Endosulfan Sulfate
GCL	8/20/1997	U	0.095	Ethoprop	GCL	8/20/1997	U	0.019	Endrin
GCL	8/20/1997	U	0.29	Fenamiphos	GCL	8/20/1997	U	0.019	Endrin Aldehyde
GCL	8/20/1997	U	0.095	Fonofos	GCL	8/20/1997	U	0.0095	Heptachlor
GCL	8/20/1997	U	0.14	Malathion	GCL	8/20/1997	U	0.0095	Heptachlor Epoxide
GCL	8/20/1997	U	0.57	Metalaxyl	GCL	8/20/1997	U	0.048	Methoxychlor
GCL	8/20/1997	U	0.48	Metolachlor	GCL	8/20/1997	U	0.019	Mirex
GCL	8/20/1997	U	0.19	Metribuzin	GCL	8/20/1997	U	0.71	Toxaphene
GCL	8/20/1997	U	0.24	Mevinphos	GCL	8/20/1997	U	0.019	Trifluralin/Benfluralin
GCL	8/20/1997	U	0.76	Naled	GCL	8/20/1997	U	0.19	PCB-1016
GCL	8/20/1997	U	0.095	Parathion Methyl	GCL	8/20/1997	U	0.19	PCB-1221
GCL	8/20/1997	U	0.095	Parathion Ethyl	GCL	8/20/1997	U	0.19	PCB-1232

Station	Date	Lab Code	Value (ug/L)	Parameter	Station	Date	Lab Code	Value (ug/L)	Parameter
GCL	8/20/1997	U	0.095	Phorate	GCL	8/20/1997	U	0.19	PCB-1242
GCL	8/20/1997	U	0.29	Prodiamine	GCL	8/20/1997	U	0.19	PCB-1248
GCL	8/20/1997	U	0.095	Prometryn	GCL	8/20/1997	U	0.19	PCB-1254
GCL	8/20/1997	U	0.048	Simazine	GCL	8/20/1997	U	0.19	PCB-1260
GCL	8/20/1997	U	0.0095	Aldrin	GCL	8/20/1997		1.7	Oxadiazon
GCL	8/20/1997	U	0.0095	Alpha-BHC	GCL	8/20/1997	U	0.29	Alachlor
GCL	8/20/1997	U	0.019	Beta-BHC	GCL	8/20/1997	U	0.048	Ametryn
GCL	8/20/1997	U	0.0095	Delta-BHC	GCL	8/20/1997	U	0.048	Atrazine
GCL	8/20/1997	U	0.0095	Gamma-BHC	GCL	8/20/1997	U	0.19	Azinphos Methyl
GCL	8/20/1997	U	0.029	Carbophenothion	GCL	8/20/1997	U	0.29	Bromacil
GCL	8/20/1997	U	0.095	Chlordane	GCL	8/20/1997	U	0.095	Butylate
GCL	8/20/1997	U	0.019	Chlorothalonil	GCL	8/20/1997	U	0.095	Chlorpyrifos Ethyl
GCL	8/20/1997	U	0.019	DDD-p,p'	GCL	8/20/1997	U	0.095	Chlorpyrifos Methyl
GCL	8/20/1997	U	0.019	DDE-p,p'	GCL	8/20/1997	U	0.095	Diazinon
GCL	8/20/1997	U	0.048	Ethion	GCL	11/20/1997	U	0.022	Trifluralin/Benfluralin
GCL	8/20/1997	U	0.095	Ethoprop	GCL	11/20/1997	J	2.3	Oxadiazon
GCL	8/20/1997	U	0.29	Fenamiphos	GCL	11/20/1997	U	0.33	Alachlor
GCL	8/20/1997	U	0.095	Fonofos	GCL	11/20/1997	U	0.055	Ametryn
GCL	8/20/1997	U	0.14	Malathion	GCL	11/20/1997		0.47	Atrazine
GCL	8/20/1997	U	0.57	Metalaxyl	GCL	11/20/1997	U	0.22	Azinphos Methyl
GCL	8/20/1997	U	0.48	Metolachlor	GCL	11/20/1997	U	0.33	Bromacil
GCL	8/20/1997	U	0.19	Metribuzin	GCL	11/20/1997	U	0.11	Butylate
GCL	8/20/1997	U	0.24	Mevinphos	GCL	11/20/1997	U	0.11	Chlorpyrifos Ethyl
GCL	8/20/1997	U	0.76	Naled	GCL	11/20/1997	U	0.11	Chlorpyrifos Methyl
GCL	8/20/1997	U	0.095	Parathion Methyl	GCL	11/20/1997	U	0.11	Diazinon
GCL	8/20/1997	U	0.095	Parathion Ethyl	GCL	11/20/1997	U	0.055	Ethion
GCL	8/20/1997	U	0.095	Phorate	GCL	11/20/1997	U	0.11	Ethoprop
GCL	8/20/1997	U	0.29	Prodiamine	GCL	11/20/1997	U	0.33	Fenamiphos
GCL	8/20/1997	U	0.095	Prometryn	GCL	11/20/1997	U	0.11	Fonofos
GCL	8/20/1997	U	0.048	Simazine	GCL	11/20/1997	U	0.16	Malathion
GCL	11/20/1997	U	0.011	Aldrin	GCL	11/20/1997	U	0.66	Metalaxyl
GCL	11/20/1997	U	0.011	Alpha-BHC	GCL	11/20/1997	U	0.55	Metolachlor

Station	Date	Lab Code	Value (ug/L)	Parameter	Station	Date	Lab Code	Value (ug/L)	Parameter
GCL	11/20/1997	U	0.022	Beta-BHC	GCL	11/20/1997	U	0.22	Metribuzin
GCL	11/20/1997	U	0.011	Delta-BHC	GCL	11/20/1997	U	0.27	Mevinphos
GCL	11/20/1997	U	0.011	Gamma-BHC	GCL	11/20/1997	U	0.88	Naled
GCL	11/20/1997	U	0.11	Chlordane	GCL	11/20/1997	U	0.11	Parathion Methyl
GCL	11/20/1997	U	0.022	Chlorothalonil	GCL	11/20/1997	U	0.11	Parathion Ethyl
GCL	11/20/1997	U	0.022	DDD-p,p'	GCL	11/20/1997	U	0.11	Phorate
GCL	11/20/1997	U	0.022	DDE-p,p'	GCL	11/20/1997	U	0.11	Prometryn
GCL	11/20/1997	U	0.022	DDT-p,p'	GCL	11/20/1997	U	0.055	Simazine
GCL	11/20/1997	U	0.011	Dieldrin	GCL	11/20/1997	U	0.33	Prodiamine
GCL	11/20/1997	U	0.011	Endosulfan I	BBL	6/11/1997	U	0.01	Aldrin
GCL	11/20/1997	U	0.022	Endosulfan II	BBL	6/11/1997	U	0.01	Alpha-BHC
GCL	11/20/1997	U	0.055	Endosulfan Sulfate	BBL	6/11/1997	U	0.02	Beta-BHC
BBL	6/11/1997	U	0.01	Delta-BHC	BBL	6/11/1997	U	0.48	Metolachlor
BBL	6/11/1997	U	0.01	Gamma-BHC	BBL	6/11/1997	U	0.19	Metribuzin
BBL	6/11/1997	U	0.1	Chlordane	BBL	6/11/1997	U	0.24	Mevinphos
BBL	6/11/1997	U	0.019	Chlorothalonil	BBL	6/11/1997	U	0.76	Naled
BBL	6/11/1997	U	0.02	DDD-p,p'	BBL	6/11/1997	U	0.095	Parathion Methyl
BBL	6/11/1997	U	0.02	DDE-p,p'	BBL	6/11/1997	U	0.095	Parathion Ethyl
BBL	6/11/1997	U	0.02	DDT-p,p'	BBL	6/11/1997	U	0.095	Phorate
BBL	6/11/1997	U	0.02	Dieldrin	BBL	6/11/1997	U	0.095	Prometryn
BBL	6/11/1997	U	0.01	Endosulfan I	BBL	6/11/1997	U	0.048	Simazine
BBL	6/11/1997	U	0.01	Endosulfan II	BBL	6/11/1997	U	0.29	Prodiamine
BBL	6/11/1997	U	0.02	Endosulfan Sulfate	BBL	8/21/1997	U	0.019	Beta-BHC
BBL	6/11/1997	U	0.02	Endrin	BBL	8/21/1997	U	0.0095	Delta-BHC
BBL	6/11/1997	U	0.02	Endrin Aldehyde	BBL	8/21/1997	U	0.0095	Gamma-BHC
BBL	6/11/1997	U	0.01	Heptachlor	BBL	8/21/1997	U	0.029	Carbophenothion
BBL	6/11/1997	U	0.01	Heptachlor Epoxide	BBL	8/21/1997	U	0.095	Chlordane
BBL	6/11/1997	U	0.75	Toxaphene	BBL	8/21/1997	U	0.019	Chlorothalonil
BBL	6/11/1997	U	0.29	Alachlor	BBL	8/21/1997	U	0.019	DDD-p,p'
BBL	6/11/1997	U	0.048	Ametryn	BBL	8/21/1997	U	0.019	DDE-p,p'
BBL	6/11/1997	T	0.015	Atrazine	BBL	8/21/1997	U	0.019	DDT-p,p'
BBL	6/11/1997	U	0.19	Azinphos Methyl	BBL	8/21/1997	U	0.019	Dicofol

Station	Date	Lab Code	Value (ug/L)	Parameter	Station	Date	Lab Code	Value (ug/L)	Parameter
BBL	6/11/1997	U	0.29	Bromacil	BBL	8/21/1997	U	0.019	Dieldrin
BBL	6/11/1997	U	0.095	Butylate	BBL	8/21/1997	U	0.0095	Endosulfan I
BBL	6/11/1997	U	0.095	Chlorpyrifos Ethyl	BBL	8/21/1997	U	0.0095	Endosulfan II
BBL	6/11/1997	U	0.095	Chlorpyrifos Methyl	BBL	8/21/1997	U	0.019	Endosulfan Sulfate
BBL	6/11/1997	U	0.095	Diazinon	BBL	8/21/1997	U	0.019	Endrin
BBL	6/11/1997	U	0.048	Ethion	BBL	8/21/1997	U	0.019	Endrin Aldehyde
BBL	6/11/1997	T	0.021	Ethoprop	BBL	8/21/1997	U	0.0095	Heptachlor
BBL	6/11/1997	T	0.062	Fenamiphos	BBL	8/21/1997	U	0.0095	Heptachlor Epoxide
BBL	6/11/1997	U	0.095	Fonofos	BBL	8/21/1997	U	0.048	Methoxychlor
BBL	6/11/1997	U	0.14	Malathion	BBL	8/21/1997	U	0.095	Parathion Methyl
BBL	6/11/1997	U	0.57	Metalaxyl	BBL	8/21/1997	U	0.095	Parathion Ethyl
BBL	8/21/1997	U	0.019	Mirex	BBL	8/21/1997	U	0.095	Phorate
BBL	8/21/1997	U	0.71	Toxaphene	BBL	8/21/1997	U	0.29	Prodiamine
BBL	8/21/1997	U	0.019	Trifluralin/Benfluralin	BBL	8/21/1997	U	0.095	Prometryn
BBL	8/21/1997	U	0.19	PCB-1016	BBL	8/21/1997	U	0.048	Simazine
BBL	8/21/1997	U	0.19	PCB-1221	BBL	8/21/1997	U	0.095	Chlorpyrifos Methyl
BBL	8/21/1997	U	0.19	PCB-1232	BBL	11/20/1997	U	0.0097	Aldrin
BBL	8/21/1997	U	0.19	PCB-1242	BBL	11/20/1997	U	0.0097	Alpha-BHC
BBL	8/21/1997	U	0.19	PCB-1248	BBL	11/20/1997	U	0.019	Beta-BHC
BBL	8/21/1997	U	0.19	PCB-1254	BBL	11/20/1997	U	0.0097	Delta-BHC
BBL	8/21/1997	U	0.19	PCB-1260	BBL	11/20/1997	U	0.0097	Gamma-BHC
BBL	8/21/1997	U		Oxadiazon	BBL	11/20/1997	U	0.097	Chlordane
BBL	8/21/1997	U	0.29	Alachlor	BBL	11/20/1997	U	0.019	Chlorothalonil
BBL	8/21/1997	U	0.048	Ametryn	BBL	11/20/1997	U	0.019	DDD-p,p'
BBL	8/21/1997	U	0.048	Atrazine	BBL	11/20/1997	U	0.019	DDE-p,p'
BBL	8/21/1997	U	0.19	Azinphos Methyl	BBL	11/20/1997	U	0.019	DDT-p,p'
BBL	8/21/1997	U	0.29	Bromacil	BBL	11/20/1997	U	0.019	Dieldrin
BBL	8/21/1997	U	0.095	Butylate	BBL	11/20/1997	U	0.0097	Endosulfan I
BBL	8/21/1997	U	0.095	Chlorpyrifos Ethyl	BBL	11/20/1997	U	0.0097	Endosulfan II
BBL	8/21/1997	U	0.095	Diazinon	BBL	11/20/1997	U	0.019	Endosulfan Sulfate
BBL	8/21/1997	U	0.048	Ethion	BBL	11/20/1997	U	0.049	Trifluralin/Benfluralin
BBL	8/21/1997	U	0.095	Ethoprop	BBL	11/20/1997	U	0.019	Oxadiazon

Station	Date	Lab Code	Value (ug/L)	Parameter	Station	Date	Lab Code	Value (ug/L)	Parameter
BBL	8/21/1997	U	0.29	Fenamiphos	BBL	11/20/1997	U	0.29	Alachlor
BBL	8/21/1997	J	1.2	Fonofos	BBL	11/20/1997	U	0.049	Ametryn
BBL	8/21/1997	U	0.14	Malathion	BBL	11/20/1997	U	0.049	Atrazine
BBL	8/21/1997	U	0.57	Metalaxyl	BBL	11/20/1997	U	0.19	Azinphos Methyl
BBL	8/21/1997	U	0.48	Metolachlor	BBL	11/20/1997	U	0.29	Bromacil
BBL	8/21/1997	U	0.19	Metribuzin	BBL	11/20/1997	U	0.097	Butylate
BBL	8/21/1997	U	0.24	Mevinphos	BBL	11/20/1997	U	0.097	Chlorpyrifos Ethyl
BBL	8/21/1997	U	0.76	Naled	BBL	11/20/1997	U	0.097	Chlorpyrifos Methyl
BBL	8/21/1997	U	0.0095	Aldrin	BBL	11/20/1997	U	0.019	Dieldrin
BBL	8/21/1997	U	0.0095	Alpha-BHC	BBL	11/20/1997	U	0.0096	Endosulfan I
BBL	11/20/1997	U	0.097	Diazinon	BBL	11/20/1997	U	0.0096	Endosulfan II
BBL	11/20/1997	U	0.049	Ethion	BBL	11/20/1997	U	0.019	Endosulfan Sulfate
BBL	11/20/1997	U	0.097	Ethoprop	BBL	11/20/1997	U	0.048	Trifluralin/Benfluralin
BBL	11/20/1997	U	0.29	Fenamiphos	BBL	11/20/1997	U	0.019	Oxadiazon
BBL	11/20/1997	U	0.097	Fonofos	BBL	11/20/1997	U	0.29	Alachlor
BBL	11/20/1997	U	0.15	Malathion	BBL	11/20/1997	U	0.048	Ametryn
BBL	11/20/1997	U	0.58	Metalaxyl	BBL	11/20/1997	U	0.048	Atrazine
BBL	11/20/1997	U	0.49	Metolachlor	BBL	11/20/1997	U	0.19	Azinphos Methyl
BBL	11/20/1997	U	0.19	Metribuzin	BBL	11/20/1997	U	0.29	Bromacil
BBL	11/20/1997	U	0.24	Mevinphos	BBL	11/20/1997	U	0.096	Butylate
BBL	11/20/1997	U	0.78	Naled	BBL	11/20/1997	U	0.096	Chlorpyrifos Ethyl
BBL	11/20/1997	U	0.097	Parathion Methyl	BBL	11/20/1997	U	0.096	Chlorpyrifos Methyl
BBL	11/20/1997	U	0.097	Parathion Ethyl	BBL	11/20/1997	U	0.096	Diazinon
BBL	11/20/1997	U	0.097	Phorate	BBL	11/20/1997	U	0.048	Ethion
BBL	11/20/1997	U	0.097	Prometryn	BBL	11/20/1997	U	0.096	Ethoprop
BBL	11/20/1997	U	0.049	Simazine	BBL	11/20/1997	U	0.29	Fenamiphos
BBL	11/20/1997	U	0.29	Prodiamine	BBL	11/20/1997	U	0.096	Fonofos
BBL	11/20/1997	U	0.0096	Aldrin	BBL	11/20/1997	U	0.14	Malathion
BBL	11/20/1997	U	0.0096	Alpha-BHC	BBL	11/20/1997	U	0.58	Metalaxyl
BBL	11/20/1997	U	0.019	Beta-BHC	BBL	11/20/1997	U	0.48	Metolachlor
BBL	11/20/1997	U	0.0096	Delta-BHC	BBL	11/20/1997	U	0.19	Metribuzin
BBL	11/20/1997	U	0.0096	Gamma-BHC	BBL	11/20/1997	U	0.24	Mevinphos

Station	Date	Lab Code	Value (ug/L)	Parameter	Station	Date	Lab Code	Value (ug/L)	Parameter
BBL	11/20/1997	U	0.096	Chlordane	BBL	11/20/1997	U	0.77	Naled
BBL	11/20/1997	U	0.019	Chlorothalonil	BBL	11/20/1997	U	0.096	Parathion Methyl
BBL	11/20/1997	U	0.019	DDD-p,p'	BBL	11/20/1997	U	0.096	Parathion Ethyl
BBL	11/20/1997	U	0.019	DDE-p,p'	BBL	11/20/1997	U	0.096	Phorate
BBL	11/20/1997	U	0.019	DDT-p,p'	BBL	11/20/1997	U	0.096	Prometryn
BBL	11/20/1997	U	0.048	Simazine	BBL	11/20/1997	U	0.29	Prodiamine
PML	6/11/1997	U	0.01	Aldrin	PML	6/11/1997	U	0.096	Ethoprop
PML	6/11/1997	U	0.01	Alpha-BHC	PML	6/11/1997	U	0.29	Fenamiphos
PML	6/11/1997	U	0.02	Beta-BHC	PML	6/11/1997	U	0.096	Fonofos
PML	6/11/1997	U	0.01	Delta-BHC	PML	6/11/1997	U	0.14	Malathion
PML	6/11/1997	U	0.01	Gamma-BHC	PML	6/11/1997	U	0.58	Metalaxyl
PML	6/11/1997	U	0.1	Chlordane	PML	6/11/1997	U	0.48	Metolachlor
PML	6/11/1997	U	0.019	Chlorothalonil	PML	6/11/1997	U	0.19	Metribuzin
PML	6/11/1997	U	0.02	DDD-p,p'	PML	6/11/1997	U	0.24	Mevinphos
PML	6/11/1997	U	0.02	DDE-p,p'	PML	6/11/1997	U	0.77	Naled
PML	6/11/1997	U	0.02	DDT-p,p'	PML	6/11/1997	U	0.096	Parathion Methyl
PML	6/11/1997	U	0.02	Dieldrin	PML	6/11/1997	U	0.096	Parathion Ethyl
PML	6/11/1997	U	0.01	Endosulfan I	PML	6/11/1997	U	0.096	Phorate
PML	6/11/1997	U	0.01	Endosulfan II	PML	6/11/1997	U	0.096	Prometryn
PML	6/11/1997	U	0.02	Endosulfan Sulfate	PML	6/11/1997	U	0.048	Simazine
PML	6/11/1997	U	0.02	Endrin	PML	6/11/1997	U	0.29	Prodiamine
PML	6/11/1997	U	0.02	Endrin Aldehyde	PML	8/21/1997	U	0.0099	Aldrin
PML	6/11/1997	U	0.01	Heptachlor	PML	8/21/1997	U	0.0099	Alpha-BHC
PML	6/11/1997	U	0.01	Heptachlor Epoxide	PML	8/21/1997	U	0.02	Beta-BHC
PML	6/11/1997	U	0.75	Toxaphene	PML	8/21/1997	U	0.0099	Delta-BHC
PML	6/11/1997	U	0.29	Alachlor	PML	8/21/1997	U	0.0099	Gamma-BHC
PML	6/11/1997	U	0.048	Ametryn	PML	8/21/1997	U	0.03	Carbophenothion
PML	6/11/1997	T	0.023	Atrazine	PML	8/21/1997	U	0.099	Chlordane
PML	6/11/1997	U	0.19	Azinphos Methyl	PML	8/21/1997	U	0.02	Chlorothalonil
PML	6/11/1997	U	0.29	Bromacil	PML	8/21/1997	U	0.02	DDD-p,p'
PML	6/11/1997	U	0.096	Butylate	PML	8/21/1997	U	0.02	DDE-p,p'
PML	6/11/1997	U	0.096	Chlorpyrifos Ethyl	PML	8/21/1997	U	0.02	DDT-p,p'

Station	Date	Lab Code	Value (ug/L)	Parameter	Station	Date	Lab Code	Value (ug/L)	Parameter
PML	6/11/1997	U	0.096	Chlorpyrifos Methyl	PML	8/21/1997	U	0.02	Dicofol
PML	6/11/1997	U	0.096	Diazinon	PML	8/21/1997	U	0.02	Dieldrin
PML	6/11/1997	U	0.048	Ethion	PML	8/21/1997	U	0.0099	Endosulfan I
PML	8/21/1997	U	0.0099	Endosulfan II	PML	8/21/1997	U	0.3	Fenamiphos
PML	8/21/1997	U	0.02	Endosulfan Sulfate	PML	8/21/1997	U	0.099	Fonofos
PML	8/21/1997	U	0.02	Endrin	PML	8/21/1997	U	0.15	Malathion
PML	8/21/1997	U	0.02	Endrin Aldehyde	PML	8/21/1997	U	0.59	Metalaxyl
PML	8/21/1997	U	0.0099	Heptachlor	PML	8/21/1997	U	0.5	Metolachlor
PML	8/21/1997	U	0.0099	Heptachlor Epoxide	PML	8/21/1997	U	0.2	Metribuzin
PML	8/21/1997	U	0.05	Methoxychlor	PML	8/21/1997	U	0.25	Mevinphos
PML	8/21/1997	U	0.02	Mirex	PML	8/21/1997	U	0.79	Naled
PML	8/21/1997	U	0.74	Toxaphene	PML	8/21/1997	U	0.099	Parathion Methyl
PML	8/21/1997	U	0.02	Trifluralin/Benfluralin	PML	8/21/1997	U	0.099	Parathion Ethyl
PML	8/21/1997	U	0.2	PCB-1016	PML	8/21/1997	U	0.099	Phorate
PML	8/21/1997	U	0.2	PCB-1221	PML	8/21/1997	U	0.3	Prodiamine
PML	8/21/1997	U	0.2	PCB-1232	PML	8/21/1997	U	0.099	Prometryn
PML	8/21/1997	U	0.2	PCB-1242	PML	8/21/1997	U	0.05	Simazine
PML	8/21/1997	U	0.2	PCB-1248	PML	11/20/1997	U	0.0097	Aldrin
PML	8/21/1997	U	0.2	PCB-1254	PML	11/20/1997	U	0.0097	Alpha-BHC
PML	8/21/1997	U	0.2	PCB-1260	PML	11/20/1997	U	0.019	Beta-BHC
PML	8/21/1997	U		Oxadiazon	PML	11/20/1997	U	0.0097	Delta-BHC
PML	8/21/1997	U	0.3	Alachlor	PML	11/20/1997	U	0.0097	Gamma-BHC
PML	8/21/1997	U	0.05	Ametryn	PML	11/20/1997	U	0.097	Chlordane
PML	8/21/1997	U	0.05	Atrazine	PML	11/20/1997	U	0.019	Chlorothalonil
PML	8/21/1997	U	0.2	Azinphos Methyl	PML	11/20/1997	U	0.019	DDD-p,p'
PML	8/21/1997	U	0.3	Bromacil	PML	11/20/1997	U	0.019	DDE-p,p'
PML	8/21/1997	U	0.099	Butylate	PML	11/20/1997	U	0.019	DDT-p,p'
PML	8/21/1997	U	0.099	Chlorpyrifos Ethyl	PML	11/20/1997	U	0.019	Dieldrin
PML	8/21/1997	U	0.099	Chlorpyrifos Methyl	PML	11/20/1997	U	0.0097	Endosulfan I
PML	8/21/1997	U	0.099	Diazinon	PML	11/20/1997	U	0.0097	Endosulfan II
PML	8/21/1997	U	0.05	Ethion	PML	11/20/1997	U	0.019	Endosulfan Sulfate
PML	8/21/1997		0.66	Ethoprop	PML	11/20/1997	U	0.019	Trifluralin/Benfluralin

Station	Date	Lab Code	Value (ug/L)	Parameter	Station	Date	Lab Code	Value (ug/L)	Parameter
PML	11/20/1997	U	0.29	Alachlor	PML	11/20/1997	U	0.019	Chlorothalonil
PML	11/20/1997	U	0.049	Ametryn	PML	11/20/1997	U	0.019	DDD-p,p'
PML	11/20/1997	U	0.049	Atrazine	PML	11/20/1997	U	0.019	DDE-p,p'
PML	11/20/1997	U	0.19	Azinphos Methyl	PML	11/20/1997	U	0.019	DDT-p,p'
PML	11/20/1997	U	0.29	Bromacil	PML	11/20/1997	U	0.019	Dieldrin
PML	11/20/1997	U	0.097	Butylate	PML	11/20/1997	U	0.0094	Endosulfan I
PML	11/20/1997	U	0.097	Chlorpyrifos Ethyl	PML	11/20/1997	U	0.0094	Endosulfan II
PML	11/20/1997	U	0.097	Chlorpyrifos Methyl	PML	11/20/1997	U	0.019	Endosulfan Sulfate
PML	11/20/1997	U	0.097	Diazinon	PML	11/20/1997	U	0.019	Trifluralin/Benfluralin
PML	11/20/1997	U	0.049	Ethion	PML	11/20/1997			Oxadiazon
PML	11/20/1997	U	0.097	Ethoprop	PML	11/20/1997	U	0.28	Alachlor
PML	11/20/1997	U	0.29	Fenamiphos	PML	11/20/1997	U	0.047	Ametryn
PML	11/20/1997	U	0.097	Fonofos	PML	11/20/1997	U	0.047	Atrazine
PML	11/20/1997	U	0.15	Malathion	PML	11/20/1997	U	0.19	Azinphos Methyl
PML	11/20/1997	U	0.58	Metalaxyl	PML	11/20/1997	U	0.28	Bromacil
PML	11/20/1997	U	0.49	Metolachlor	PML	11/20/1997	U	0.094	Butylate
PML	11/20/1997	U	0.19	Metribuzin	PML	11/20/1997	U	0.094	Chlorpyrifos Ethyl
PML	11/20/1997	U	0.24	Mevinphos	PML	11/20/1997	U	0.094	Chlorpyrifos Methyl
PML	11/20/1997	U	0.78	Naled	PML	11/20/1997	U	0.094	Diazinon
PML	11/20/1997	U	0.097	Parathion Methyl	PML	11/20/1997	U	0.047	Ethion
PML	11/20/1997	U	0.097	Parathion Ethyl	PML	11/20/1997	U	0.094	Ethoprop
PML	11/20/1997	U	0.097	Phorate	PML	11/20/1997	U	0.28	Fenamiphos
PML	11/20/1997	U	0.097	Prometryn	PML	11/20/1997	U	0.094	Fonofos
PML	11/20/1997	U	0.049	Simazine	PML	11/20/1997	U	0.14	Malathion
PML	11/20/1997	U	0.29	Prodiamine	PML	11/20/1997	U	0.57	Metalaxyl
PML	11/20/1997	U	0.0094	Aldrin	PML	11/20/1997	U	0.47	Metolachlor
PML	11/20/1997	U	0.0094	Alpha-BHC	PML	11/20/1997	U	0.19	Metribuzin
PML	11/20/1997	U	0.019	Beta-BHC	PML	11/20/1997	U	0.24	Mevinphos
PML	11/20/1997	U	0.0094	Delta-BHC	PML	11/20/1997	U	0.75	Naled
PML	11/20/1997	U	0.0094	Gamma-BHC	PML	11/20/1997	U	0.094	Parathion Methyl
PML	11/20/1997	U	0.094	Chlordane	PML	11/20/1997	U	0.094	Parathion Ethyl
PML	11/20/1997	U	0.094	Phorate	PML	11/20/1997	U	0.047	Simazine

APPENDIX 4: Soil Data

StationID	Date	Interval bls (ft)	Arsenic Concentration (mg/kg)	StationID	Date	Interval bls (ft)	Arsenic Concentration (mg/kg)
PMF18	2/3/1997	0-2	14.28	GPG4	2/7/1997	4-6	0.5
PMF18	2/3/1997	2-4	0.34	GPG4	2/7/1997	6-8	3.45
PMF18	2/3/1997	4-6	11.73	GPML	2/10/1997	0-2	3.72
PMF18	2/3/1997	22-24	0.15	GPML	2/10/1997	2-4	9.1
PMG7	2/3/1997	0-2	1.11	GPML	2/10/1997	4-6	8.4
PMG7	2/3/1997	2-4	0.87	GPML	2/10/1997	6-8	6.11
PMG7	2/3/1997	4-6	6	GPT8	2/7/1997	0-2	0.23
PMG7	2/3/1997	24-26	0.2	GTP8	2/7/1997	2-4	0.56
PMML	2/4/1997	0-2	4.33	GPT8	2/7/1997	4-6	0.2
PMML	2/4/1997	2-4	2.23	GPT8	2/7/1997	6-8	0.5
PMML	2/4/1997	4-6	0.68	GPT8	2/7/1997	8-10	1
PMML	2/4/1997	22-24	0.16	GPT8	2/7/1997	28-30	0.2
KBF14	2/13/1997	0-2	0.62	GCG13	2/6/1997	0-2	0.56
KBF14	2/13/1997	2-4	0.2	GCG13	2/6/1997	2-4	0.48
KBF14	2/13/1997	22-24	0.5	GCG13	2/6/1997	21-23	0.2
KBML	2/13/1997	0-2	6.75	GCML	2/6/1997	0-2	0.36
KBML	2/13/1997	2-4	6	GCML	2/6/1997	2-4	0.19
KBML	2/13/1997	22-24	0.5	GCML	2/6/1997	23-25	0.5
KBT18	2/13/1997	0-2	17.19	GCT10	2/6/1997	0-2	5.22
KBT18	2/13/1997	2-4	3.9	GCT10	2/6/1997	2-4	3.8
KBT18	2/13/1997	4-6	2.38	GCT10	2/6/1997	21-23	0.4
KBT18	2/13/1997	22-24	0.5	BBF2	2/5/1997	0-2	5.32
GPG4	2/7/1997	0-2	1.31	BBF2	2/5/1997	2-4	0.2
GPG4	2/7/1997	2-4	1.19	BBF2	2/5/1997	4-6	0.2

BBF4	2/4/1997	0-2	0.2	GCG13	6/3/1997	Surficial	2.9
BBF4	2/4/1997	2-4	0.2	GCG13	8/20/1997	Surficial	0.8
BBF4	2/4/1997	4-6	7.85	GCG13	11/14/1997	Surficial	1.8
BBML	2/5/1997	0-2	120.65	GCT10	6/3/1997	Surficial	13.1
BBML	2/5/1997	2-4	4.52	GCT10	8/20/1997	Surficial	13.5
PMF18	5/28/1997	Surficial	34.6	BBF2	5/28/1997	Surficial	25.2
PMF18	8/21/1997	Surficial	28.8	GCT10	11/14/1997	Surficial	17
PMF18	11/14/1997	Surficial	27.7	BBF4	8/21/1997	Surficial	27.5
PMG7	5/28/1997	Surficial	17.5	BBF4	11/14/1997	Surficial	29.4
PMG7	8/21/1997	Surficial	4.3	BBF4	5/28/1997	Surficial	15.1
PMML	11/17/1997	Surficial	33.5	BBML	8/21/1997	Surficial	9.6
KBF14	5/28/1997	Surficial	13.7	BBML	11/14/1997	Surficial	8.3
KBML	8/20/1997	Surficial	13.8	GPG4	6/3/1997	Surficial	32.8
KBML	11/14/1997	Surficial	14.5	GPT8	6/3/1997	Surficial	54.8
KBT18	5/28/1997	Surficial	9.9	GPT8	8/19/1997	Surficial	30.1
KBT18	8/20/1997	Surficial	13.1	GPT8	11/14/1997	Surficial	23.8
KBT18	11/14/1997	Surficial	17	GPML	11/14/1997	Surficial	5.6